



Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

August 1, 2020

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

RE: Notice of Exempt Modification for AT&T: 800515
49 Wig Hill Road, Chester, CT 06412
Latitude: 41° 24' 13.93" / Longitude: -72° 28' 20.82"

Dear Ms. Bachman:

AT&T currently maintains nine (9) antennas at the 132-foot mount on the existing 150-foot Monopole Tower, located at 49 Wig Hill Road, Chester, CT. The tower is owned by Crown Castle and the property is owned by The Negrelli Family Trust. AT&T now intends to replace six (6) existing antennas with six (6) new antennas. The new antennas will be installed at the 132-ft level of the tower.

The facility was approved by the Connecticut Siting Council on May 13, 1998. The approval was given with conditions which this exempt modification complies with.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Lauren Gister, First Selectwoman for the Town of Chester, Judy Brown, Zoning Enforcement Officer, Crown Castle as the tower owner, and The Negrelli Family Trust as the property owner.

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

The Foundation for a Wireless World.

CrownCastle.com

Melanie A. Bachman

Page 2

For the foregoing reasons, AT&T respectfully submits that the proposed modifications to the above-reference telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2). Please send approval/rejection letter to Attn: Anne Marie Zsamba.

Sincerely,

Anne Marie Zsamba
Site Acquisition Specialist
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065
(201) 236-9224
AnneMarie.Zsamba@crowncastle.com

Attachments

cc:

Lauren Gister, First Selectwoman (*via email only to FirstSelectman@chesterct.org*)

Town of Chester
Town Hall – Selectwoman’s Office
203 Middlesex Avenue
Chester, CT 06412

Judy Brown, Zoning Enforcement Officer (*via email only to ZoningOfficial@chesterct.org*)

Town of Chester
Town Hall – Planning Department
203 Middlesex Avenue
Chester, CT 06412

Negrelli Family Trust (*via email only to bwood74@comcast.net*)

ATTN: Beth Wood
PO Box 1175
Truro, MA 02666

Crown Castle, Tower Owner

From: Zsamba, Anne Marie
To: "bwood74@comcast.net"
Subject: Notice of Exempt Modification - AT&T - 49 Wig Hill Road
Date: Saturday, August 1, 2020 9:28:00 PM
Attachments: [EM-AT&T-49 WIG HILL RD CHESTER-800515_notice.pdf](#)

Dear Negrelli Family Trust:

Attached please find AT&T's exempt modification application that is being submitted to the Connecticut Siting Council, this coming Monday, August 3, 2020.

In light of the present circumstances with Covid-19, The Council has advised that electronic notification of this filing is acceptable. If you could kindly confirm receipt. Thank you.

Best,
Anne Marie Zsamba

ANNE MARIE ZSAMBA
Site Acquisition Specialist
T: (201) 236-9224
M: (518) 350-3639
F: (724) 416-6112

CROWN CASTLE
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065
CrownCastle.com

From: Zsamba, Anne Marie
To: ["FirstSelectman@chesterct.org"](mailto:FirstSelectman@chesterct.org)
Subject: Notice of Exempt Modification - AT&T - 49 Wig Hill Road
Date: Saturday, August 1, 2020 9:28:00 PM
Attachments: [EM-AT&T-49 WIG HILL RD CHESTER-800515_notice.pdf](#)

Dear First Selectwoman Gister:

Attached please find AT&T's exempt modification application that is being submitted to the Connecticut Siting Council, this coming Monday, August 3, 2020.

In light of the present circumstances with Covid-19, The Council has advised that electronic notification of this filing is acceptable. If you could kindly confirm receipt. Thank you.

Best,
Anne Marie Zsamba

ANNE MARIE ZSAMBA
Site Acquisition Specialist
T: (201) 236-9224
M: (518) 350-3639
F: (724) 416-6112

CROWN CASTLE
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065
CrownCastle.com

From: Zsamba, Anne Marie
To: "zoningofficial@chesterct.org"
Subject: Notice of Exempt Modification - AT&T - 49 Wig Hill Road
Date: Saturday, August 1, 2020 9:28:00 PM
Attachments: [EM-AT&T-49 WIG HILL RD CHESTER-800515_notice.pdf](#)

Dear ZEO Brown:

Attached please find AT&T's exempt modification application that is being submitted to the Connecticut Siting Council, this coming Monday, August 3, 2020.

In light of the present circumstances with Covid-19, The Council has advised that electronic notification of this filing is acceptable. If you could kindly confirm receipt. Thank you.

Best,
Anne Marie Zsamba

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CROWN CASTLE
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CrownCastle.com

Exhibit A

Original Facility Approval



CONNECTICUT SITING COUNCIL

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Filing Guides

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[Electric Transmission Upgrade Projects](#)
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Melanie Buchman,
Executive Director

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Connecticut Siting Council

May 13, 1998

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 alternate site in Chester, 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 Bell Atlantic Mobile (BAM) for the construction, operation, and maintenance of a telecommunications tower, associated equipment, and buildings at the proposed alternate site, on an approximately 18 acre site at 49 Wig Hill Road in the Town of Chester, Connecticut. We deny certification of the proposed prime site, without prejudice, due to the potential effects to the environment associated with the construction of additional future towers that would be required to provide adequate coverage for all carriers along Route 9, with a tower configuration using the proposed prime site.

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 BAM, Springwiche Cellular Limited Partnership (Springwiche), Sprint Spectrum L. P. (Sprint), Nextel Communications of the Mid-Atlantic, Inc. (Nextel); and other entities, both public and private, but such tower shall not exceed a height of 150 feet above ground level (AGL).
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 foundation, antennas, equipment buildings, emergency generator and fuel tank, security fence, access road, and utility line; construction plans for site clearing, tree trimming, water drainage, and erosion and sedimentation controls consistent with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended; provisions for the tower finish that may include painting; and provisions for the prevention and containment of spills and/or other discharge into surface water and groundwater bodies.
3. 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.
4. The Certificate Holder shall provide the Council a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels originally calculated and provided in the application.
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.

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 ITS REPRESENTATIVE

Bell Atlantic Mobile

Kenneth C. Baldwin, Esq.

Brian C. S. Freeman, Esq.

Robinson & Cole

One Commercial Plaza

Hartford, CT 06103-3597

Mr. David S. Malko, P.E.

Jennifer Young Gaudet

Bell Atlantic Mobile

20 Alexander Drive

Wallingford, CT 06492

INTERVENORS ITS REPRESENTATIVE

Springwich Cellular Limited Partnership

Peter J. Tyrrell, Esq.

General Counsel

500 Enterprise Drive

Rocky Hill, CT 06067-3900

Nextel Communications of the Mid-Atlantic, Inc. d/b/a Nextel Communications

Christopher B. Fisher, Esq.

Cuddy, Feder & Worby, Esq.

90 Maple Avenue

White Plains, NY 10601

Sprint Spectrum, L.P. d/b/a Sprint PCS

Elias A. Alexiades

Julie M. Cashin

Hurwitz and Sagarin, P.C.

147 North Broad Street

Milford, CT 06460

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Content Last Modified on 10/9/2002 1:06:39 PM

Ten Franklin Square New Britain, CT 06051 / 860- 827-2935

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Exhibit B

Property Card

The Assessor's office is responsible for the maintenance of records on the ownership of properties. Assessments are computed at 70% of the estimated market value of real property at the time of the last revaluation which was 2018.



Information on the Property Records for the Municipality of Chester was last updated on 8/1/2020.

Property Summary Information

Parcel Data And Values Outbuildings Sales

Parcel Information

Location:	WIG HILL RD	Property Use:	Vacant Land	Primary Use:	Commercial Vacant Land
Unique ID:	99000300	Map Lot:	8/127-1	Acres:	6.77
490 Acres:		Zone:	C	Volume / Page:	166/ 79
Developers Map / Lot:		Census:			

Value Information

	Appraised Value	Assessed Value
Land	864,394	605,080
Buildings	0	0

	Appraised Value	Assessed Value
Detached Outbuildings	312,200	218,540
Total	1,176,594	823,620

Owner's Information

Owner's Data
NEGRELLI HAZEL C TRUSTEE PO BOX 1175 TRURO, MA 02666

[Back To Search \(JavaScript:window.history.back\(1\);\)](#)

[Print View \(PrintPage.aspx?towncode=026&uniqueid=99000300\)](#)

Information Published With Permission From The Assessor

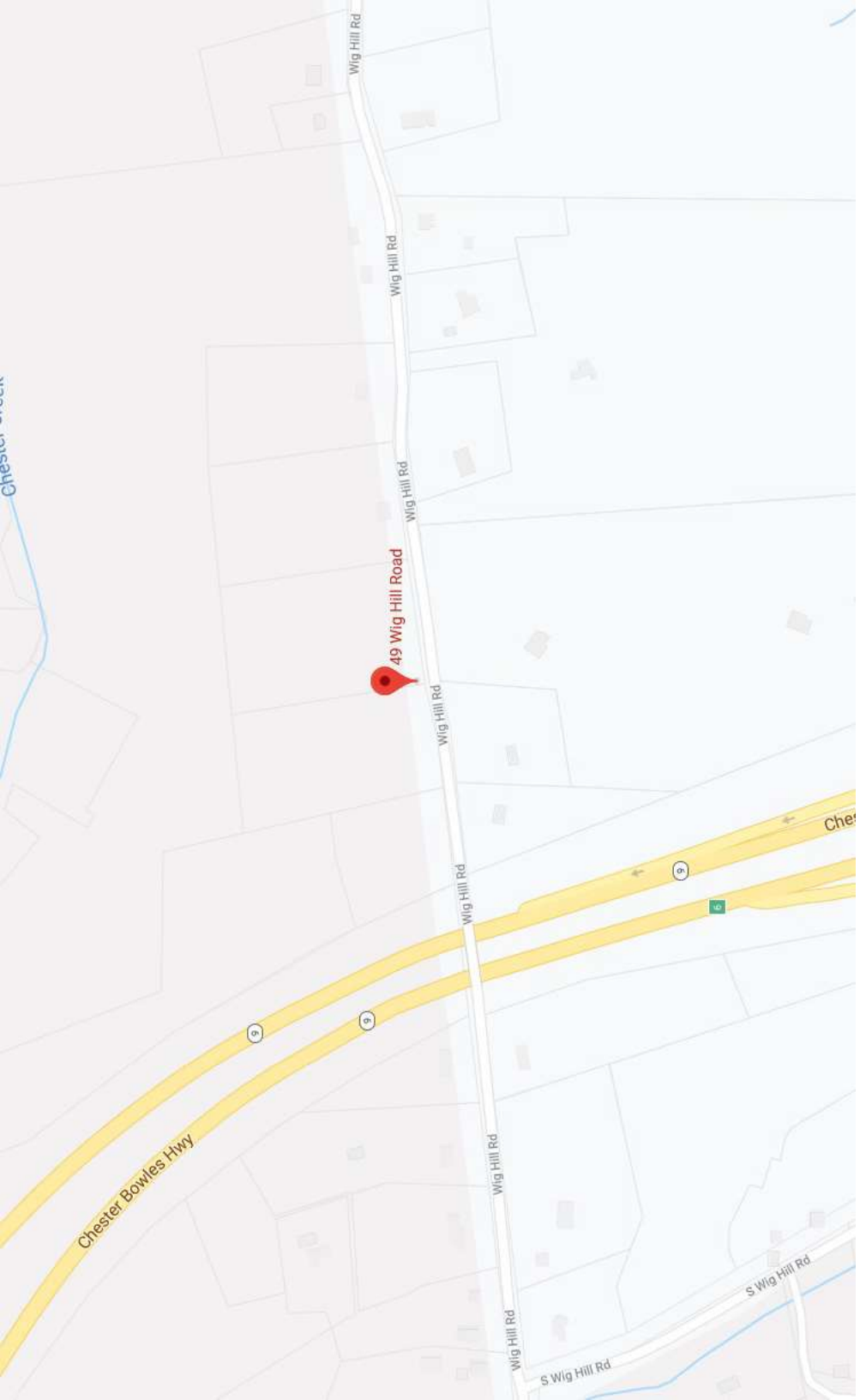


Exhibit C

Construction Drawings



AT&T SITE NUMBER: CTL02179
AT&T SITE NAME: CHESTER WIG HILL RD
AT&T FA CODE: 10035231
AT&T PACE NUMBER: MRCTB047123, MRCTB047095, MRCTB047121,
AT&T PROJECT: MRCTB047115, MRCTB047077
BWE, LTE 3C, 4TX4RX, LTE 4C, 5G NR 1DR-1

BUSINESS UNIT #: 800515
SITE ADDRESS: 49 WIG HILL ROAD
CHESTER, CT 06412
COUNTY: MIDDLESEX
SITE TYPE: MONOPOLE
TOWER HEIGHT: 150'-0"



AT&T SITE NUMBER: CTL02179

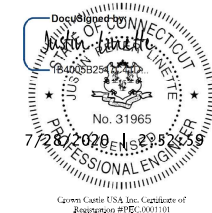
BU #: 800515
CT CHESTER CAC 800515

49 WIG HILL ROAD
CHESTER, CT 06412

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRAWN	DESCRIPTION	DES./QA
A	07/01/20	CJ	PRELIMINARY	BO
B	07/28/20	CJ	CONSTRUCTION	JL



Justin J. Ford
Professional Engineer
Registration #PE0000100

IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS THEY ARE ACTING UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL ENGINEER,
TO ALTER THIS DOCUMENT.

SHEET NUMBER: T-1 REVISION: 0

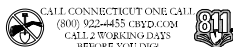
SITE INFORMATION

CROWN CASTLE USA INC. CT CHESTER CAC 800515
SITE NAME:
SITE ADDRESS: 49 WIG HILL ROAD
CHESTER, CT 06412
COUNTY: MIDDLESEX
MAP/PARCEL #: CHES-128600-00000
AREA OF CONSTRUCTION: EXISTING
LATITUDE: 41° 24' 13.93"
LONGITUDE: -72° 28' 20.82"
LAT/LONG TYPE: NAD83
GROUND ELEVATION: 358 FT.
CURRENT ZONING: R-2
JURISDICTION: TOWN OF CHESTER
OCCUPANCY CLASSIFICATION: U
TYPE OF CONSTRUCTION: IIB
A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR
HUMAN HABITATION
PROPERTY OWNER: HAZEL C. NEGRELLI FAMILY TRUST
P.O. BOX 1175, HAZEL C. NEGRELLI TRUSTEE
TRURO, MA 02666
TOWER OWNER: CROWN ATLANTIC COMPANY LLC
2000 CORPORATE DRIVE
CANONSBURG, PA 15317
CARRIER/APPLICANT: AT&T TOWER ASSET GROUP
575 MOROSGO DRIVE
ATLANTA, GA 30324-3300
ELECTRIC PROVIDER: CONNECTICUT LIGHT & POWER CO.
(800) 268-2000
TELCO PROVIDER: LIGHTTOWER
(845) 458-7720

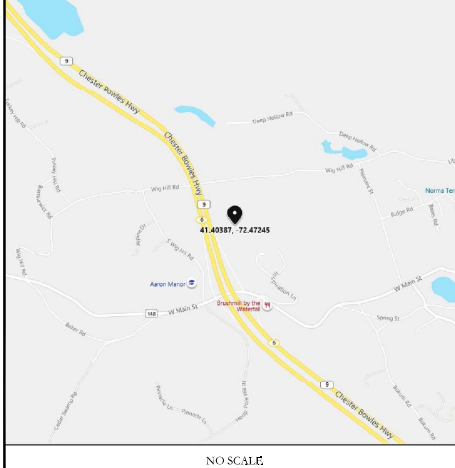
DRAWING INDEX

SHEET #	SHEET DESCRIPTION
T-1	TITLE SHEET
T-2	GENERAL NOTES
C-1.1	SITE PLAN
C-1.2	EXISTING & FINAL EQUIPMENT PLANS
C-2	FINAL ELEVATION & ANTENNA PLANS
C-3	FINAL EQUIPMENT SCHEDULE
C-4	EQUIPMENT SPECS
G-1	GROUNDING SCHEMATIC
G-2	GROUNDING DETAILS
ATTACHED	PLUMBING DIAGRAM

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR
11X17. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING
DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL
IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY
DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR
BE RESPONSIBLE FOR SAME.



LOCATION MAP



SITE PHOTO



PROJECT TEAM

A&E FIRM: CROWN CASTLE USA INC.
2000 CORPORATE DRIVE
CANONSBURG, PA 15317
CROWNNAE.APPROVAL@CROWNCastle.COM
CROWN CASTLE
USA INC. DISTRICT
CONTACTS: 3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065
VERONICA DELIA - PROJECT MANAGER
(610) 635-3222
JASON DAMICO - CONSTRUCTION MANAGER
(860) 209-0104

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO
THE EXISTING ELIGIBLE WIRELESS FACILITY.

TOWER SCOPE OF WORK:
• REMOVE (5) POWERWAVE - 7770 ANTENNAS
• REMOVE (2) KMW - AM-X-CD-16-6500T-RET ANTENNAS
• REMOVE (1) ANDREW - DBXNH-6565B-R2M ANTENNA
• REMOVE (6) POWERWAVE - LGP 21401 TMAs
• REMOVE (3) ERICSSON - RRUS 11 B12 RRUs
• REMOVE (3) ERICSSON - RRUS 12 B12 RRUs
• REMOVE (6) COAX CABLES (1-1/4")
• INSTALL (3) OCL ANTENNAS - TPA-65R-BU6DA-K ANTENNAS
• INSTALL (3) OCL ANTENNAS - DMP65R-BU6DA ANTENNAS
• INSTALL (3) ERICSSON - RRUS 32 B2 RRUs
• INSTALL (3) ERICSSON - RADIO 4478 B14 RRUs
• INSTALL (3) ERICSSON - RADIO 4449 B5/B12 RRUs
• INSTALL (3) ERICSSON - RADIO 8843 B2/B6A RRUs
• INSTALL (2) RAYCAP - DC6-48-60-18-8F SQUIDS
• INSTALL (4) 8AWG DC CABLES (3/4")
• INSTALL (2) FIBER CABLES (3/8")
• INSTALL (2) 2" FLEX CONDUITS FOR NEW FEEDLINES
• INSTALL (6) BACK TO BACK RHH MOUNTS
GROUND SCOPE OF WORK:
• REMOVE (6) DIPLEXERS
• INSTALL (1) 5G BBU
• INSTALL (1) 6630 W/ IDLE
• INSTALL (2) BREAKER PANELS FOR UP CONVERTERS
• INSTALL (1) RAYCAP - DC12-48-60-RM
• INSTALL (2) FIBER MANAGEMENT BOXES

APPLICABLE CODES/REFERENCE DOCUMENTS

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

CODE TYPE CODE
BUILDING 2018 CT STATE BUILDING CODE/2015 IBC W/ CT AMENDMENTS
MECHANICAL 2018 CT STATE BUILDING CODE/2015 IMC W/ CT AMENDMENTS
ELECTRICAL 2018 CT STATE BUILDING CODE/2017 NEC W/ CT AMENDMENTS

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS: PAUL J. FORD & COMPANY
DATED: JUNE 10, 2020
MOUNT ANALYSIS: POWER OF DESIGN GROUP, LLC
DATED: JUNE 05, 2020
RFDS REVISION: TINAL
DATED: 07/21/2020
ORDER ID: 517068
REVISION: 0

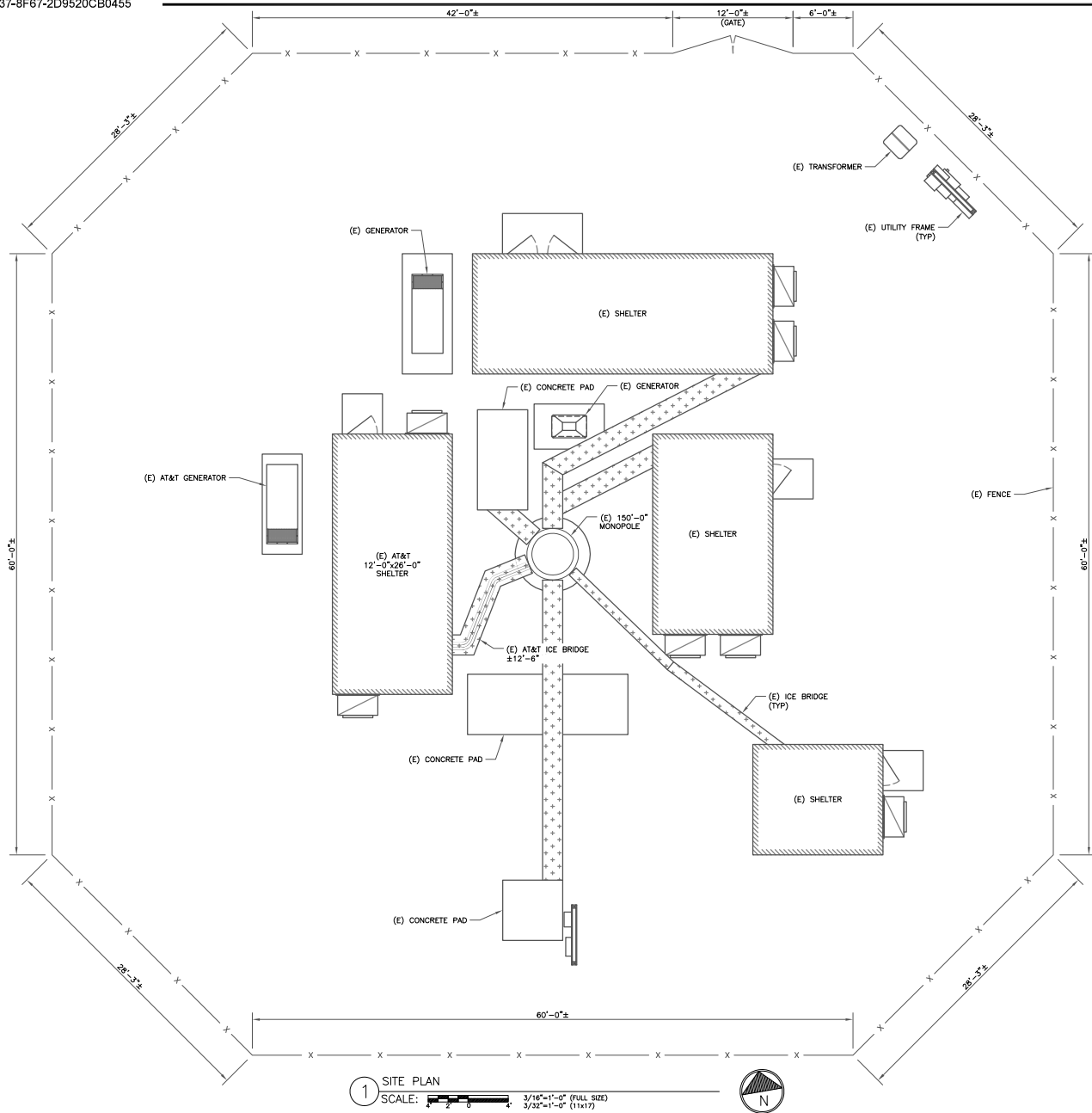
NOTE:
PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE
CROWN NOC AT (800) 788-7011 & CROWN CONSTRUCTION MANAGER.

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

1. NOTICE TO PROCEED - NO WORK SHALL COMMENCE PRIOR TO CROWN CASTLE USA INC. WRITTEN NOTICE TO PROCEED (NTP) AND THE ISSUANCE OF A PURCHASE ORDER. PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN CASTLE USA INC. NOC AT 800-788-7711 & THE CROWN CASTLE USA INC. CONSTRUCTION MANAGER.
2. "LOOK UP" - CROWN CASTLE USA INC. SAFETY CLIMB REQUIREMENT: THE INTEGRITY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE CONSIDERED DURING ALL STAGES OF DESIGN, INSTALLATION, AND INSPECTION. TOWER MODIFICATION, MOUNT REINFORCEMENTS, AND/OR EQUIPMENT INSTALLATIONS SHALL NOT COMPROMISE THE INTEGRITY OF THE FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY COMPONENTS OF THE CLIMBING FACILITY OF THE STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: PINCHING OF THE WIRE ROPE, BENDING OF THE WIRE ROPE FROM ITS SUPPORTS, DIRECT CONTACT OR CLOSE PROXIMITY TO THE WIRE ROPE, WHICH MAY CAUSE FRICTIONAL WEAR, IMPACT TO THE ANCHORAGE POINTS IN ANY WAY, OR TO IMPED/BLOCK ITS INTENDED USE. ANY COMPROMISED SAFETY COMPONENTS INCLUDING EXISTING CONDITIONS MUST BE TAGGED OUT AND REPORTED TO YOUR CROWN CASTLE USA INC. POC OR CALL THE NOC TO GENERATE A SAFETY CLIMB MAINTENANCE AND CONTRACTOR NOTICE TICKET.
3. PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED JURISDICTIONAL PERMITS SHALL BE OBTAINED. THIS INCLUDES, BUT IS NOT LIMITED TO, BUILDING, ELECTRICAL, MECHANICAL, FIRE, FLOOD ZONE, ENVIRONMENTAL, AND ZONING. AFTER ON-SITE ACTIVITIES AND CONSTRUCTION ARE COMPLETED, ALL REQUIRED PERMITS SHALL BE SATISFIED AND CLOSED OUT ACCORDING TO LOCAL JURISDICTIONAL REQUIREMENTS.
4. ALL CONSTRUCTION MEANS AND METHODS, INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN, AND SHALL MEET ANSI/ASSE A10.48 (LATEST EDITION), FEDERAL, STATE, AND LOCAL REGULATIONS; AND ALL APPLICABLE INDUSTRY CONSTRUCTION STANDARDS RELATED TO THE CONSTRUCTION ACTIVITIES BEING PERFORMED. ALL RIGGING PLANS SHALL ADHERE TO ANSI/ASSE A10.48 (LATEST EDITION) AND CROWN CASTLE USA INC. STANDARD CSD-STD-10253. INCLUDING THE REQUIREMENTS OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION, TO CERTIFY THE SUPPORT STRUCTURE(S) IN ACCORDANCE WITH ANSI/TIA-322 (LATEST EDITION).
5. ALL SITE WORK TO COMPLY WITH GAS-STD-10068 "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE" AND LATEST VERSION OF ANSI/TIA-0194-2012 "STANDARD FOR INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORT STRUCTURES AND ANTENNAS".
6. THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY CROWN CASTLE USA INC. PRIOR TO PROCEEDING WITH INSTALLATION.
7. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
8. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
9. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
10. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PILES AROUND OR NEAR UTILITIES. CONTRACTOR SHALL ENSURE SAFETY TAGGING OF ALL UTILITIES. THIS WILL INCLUDE BUT NOT BE LIMITED TO: A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING AND EXCAVATION E) CONSTRUCTION SAFETY PROCEDURES.
11. ALL SITE WORK SHALL BE AS SPECIFIED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT SPECIFICATIONS, LATEST APPROVED REVISION.
12. CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH AT THE COMPLETION OF THE WORK. IF NECESSARY, RUBBER, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
13. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE PROTECTED AND/OR OTHERWISE DISPOSED OF LEGALLY. ANY UTILITIES AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF CONTRACTOR, TOWER OWNER, CROWN CASTLE USA INC. AND/OR LOCAL UTILITIES.
14. THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE REQUIRED BY LOCAL JURISDICTION AND SIGNAGE REQUIRED ON INDIVIDUAL PIECES OF EQUIPMENT, ROOMS, AND SHELTERS.
15. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE CARRIER'S EQUIPMENT AND TOWER AREAS.
16. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
17. THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION AS SPECIFIED ON THE CONSTRUCTION DRAWINGS AND/OR PROJECT SPECIFICATIONS.
18. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
19. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
20. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
21. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.
22. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND, FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.

GREENFIELD GROUNDING NOTES:

1. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GESS'S) SHALL BE BONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
2. THE CONTRACTOR SHALL PERFORM IEEE FALL-OUT-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS, THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SPECIFYING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT AND PROVIDE TESTING RESULTS.
4. METAL CONDUIT AND TRAY SHALL BE GROUNDING AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
5. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BITS EQUIPMENT.
6. EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, #6 STRANDED COPPER OR LARGER FOR INDOOR BITS; #2 BARE SOLID TINNED COPPER FOR OUTDOOR BITS.
7. CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED BACK TO BACK CONNECTIONS ON OPPOSITE SIDE OF THE GROUND BUS ARE PERMITTED.
8. ALL EXTERIOR GROUND CONNECTIONS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
9. ALUMINUM CONDUIT OR COPPER CLAD STEEL CONDUIT SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
10. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED.
11. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING BELOW GRADE.
12. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.
13. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
14. ICE BRIDGE BONDING CONNECTIONS SHALL BE EXOTHERMICALLY BONDED TO THE BRIDGE AND THE TOWER GROUND BAR.
15. APPROVED ANTIOXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
16. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
17. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL, METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
18. BOND ALL METALLIC OBJECTS WITHIN 6 FT OF MAIN GROUND RING WITH (1) #2 BARE SOLID TINNED COPPER GROUND CONDUIT.
19. GROUND CONDUCTORS USED FOR THE FACILITY GROUNDING AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS. METAL SUPPORT CLIPS OR SLEEVES THROUGH METAL CONDUIT SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
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168. BOND ALL METALLIC OBJECTS WITHIN 6 FT OF MAIN GROUND RING WITH (1) #2 BARE SOLID TINNED COPPER GROUND CONDUIT.
169. GROUND CONDUCTORS USED FOR THE FACILITY GROUNDING AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS. METAL SUPPORT CLIPS OR SLEEVES THROUGH METAL CONDUIT SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
170. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED.
171. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.
172. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.
173. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
174. ICE BRIDGE BONDING CONNECTIONS SHALL BE EXOTHERMICALLY BONDED TO THE BRIDGE AND THE TOWER GROUND BAR.
175. APPROVED ANTIOXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
176. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
177. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL, METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
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230. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADE



AT&T SITE NUMBER: CTL02179

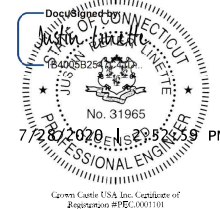
BU #: 800515
CT CHESTER CAC 800515

49 WIG HILL ROAD
CHESTER, CT 06412

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	BY	DESCRIPTION	DES./QA
A	07/01/20	CJ	PRELIMINARY	BO
B	07/28/20	CJ	CONSTRUCTION	JL



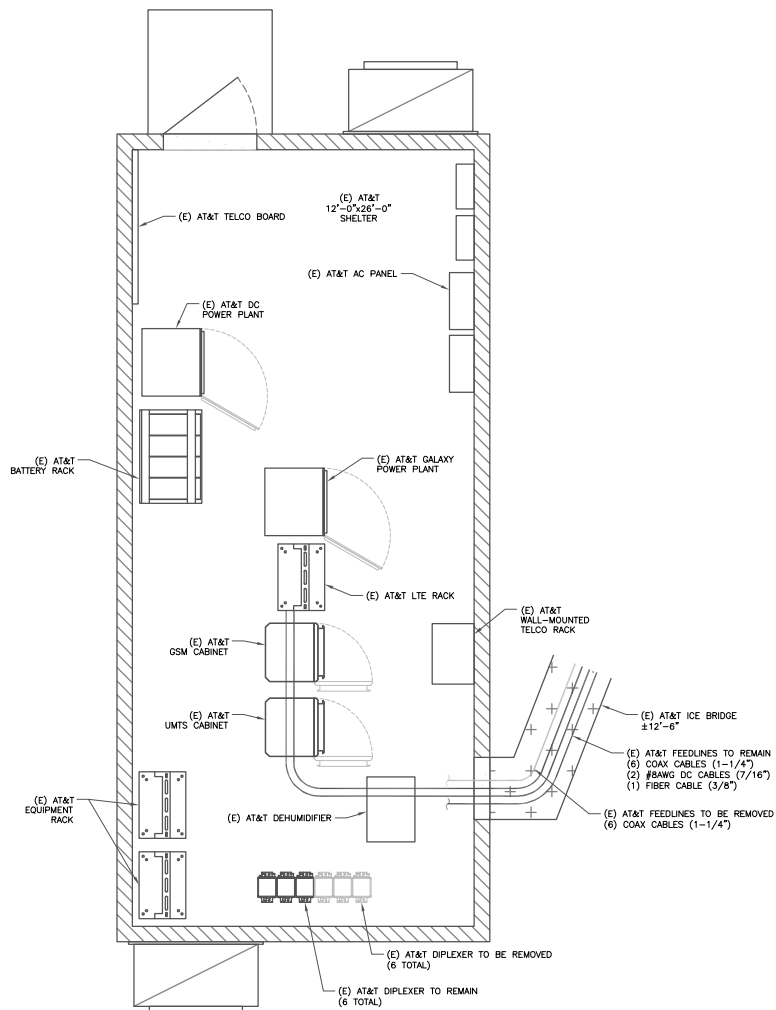
IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS THEY ARE ACTING UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL ENGINEER,
TO ALTER THIS DOCUMENT.

SHEET NUMBER:

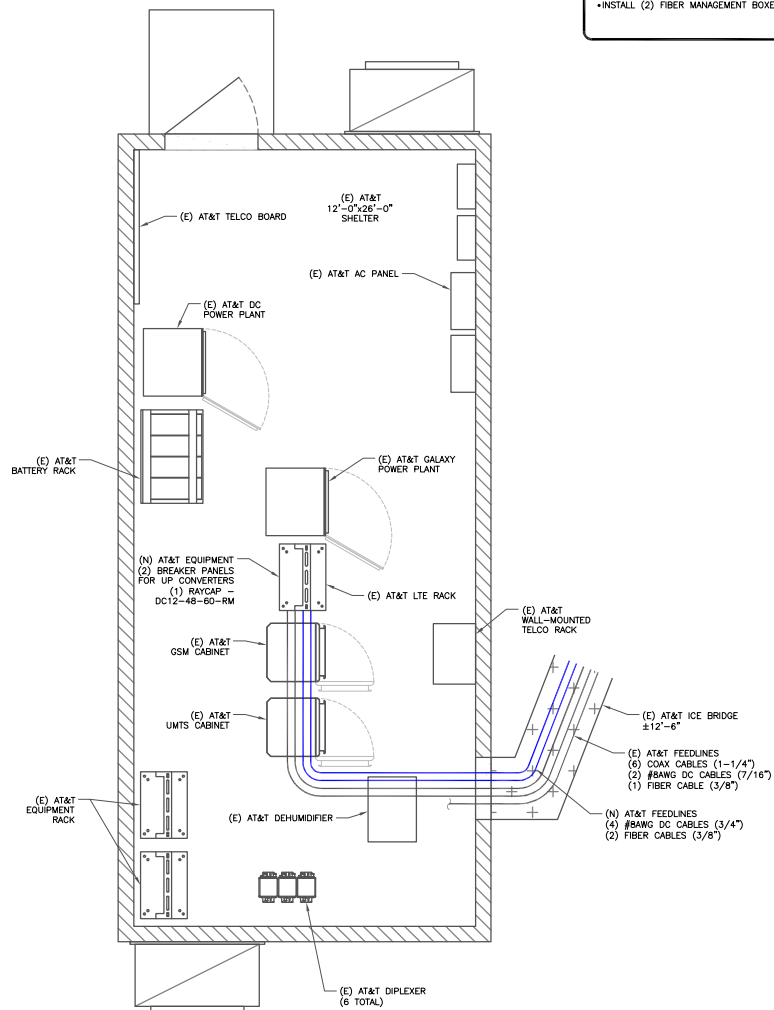
C-1.1

REVISION:

0



1 EXISTING EQUIPMENT PLAN
SCALE: 1/2"=1'-0" (FULL SIZE)
1/4"=1'-0" (1x17)



2 FINAL EQUIPMENT PLAN
SCALE: 1/2"=1'-0" (FULL SIZE)
1/4"=1'-0" (1x17)

GROUND SCOPE OF WORK:
•REMOVE (6) DIPLEXERS
•INSTALL (1) 5G BBU
•INSTALL (1) 6630 W/ IDL
•INSTALL (2) BREAKER PANELS FOR UP CONVERTERS
•INSTALL (1) RAYCAP - DC12-48-60-RM
•INSTALL (2) FIBER MANAGEMENT BOXES



AT&T SITE NUMBER: CTL02179

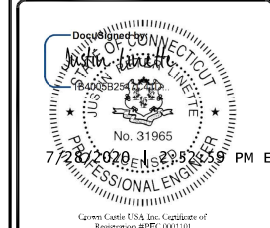
BU #: 800515
CT CHESTER CAC 800515

49 WIG HILL ROAD
CHESTER, CT 06412

EXISTING 150'-0" MONOPOLE

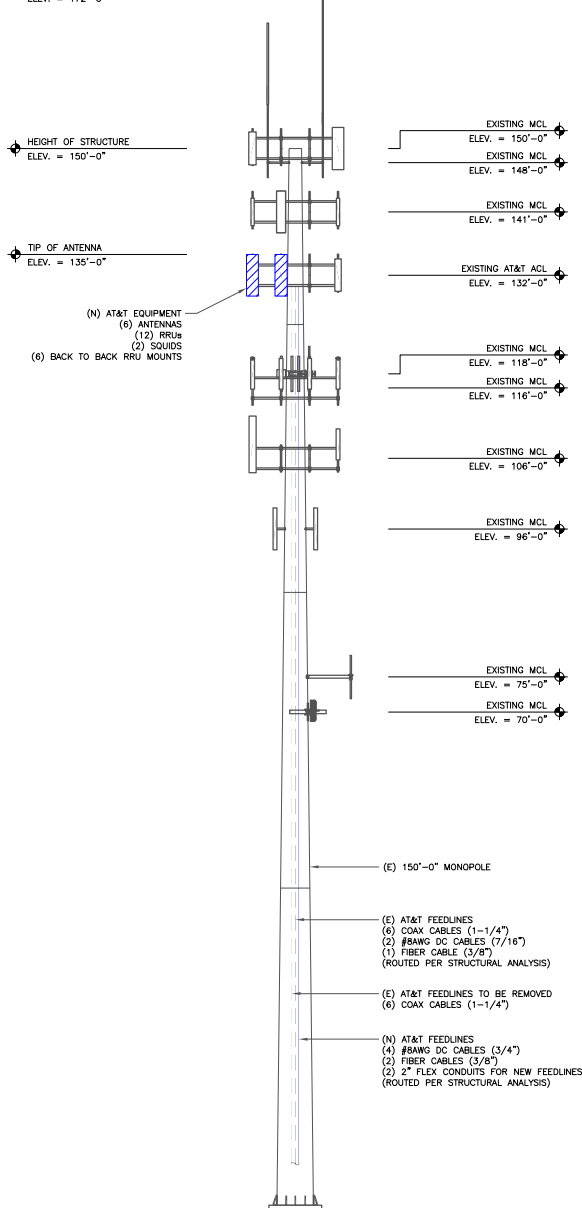
ISSUED FOR:

REV	DATE	BY	DESCRIPTION	DES./QA
A	07/01/20	CJ	PRELIMINARY	BO
B	07/28/20	CJ	CONSTRUCTION	JL

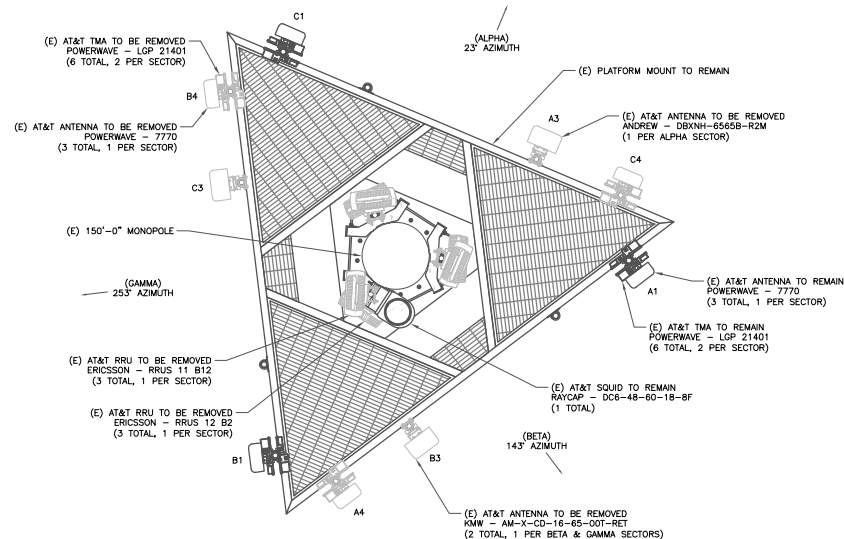


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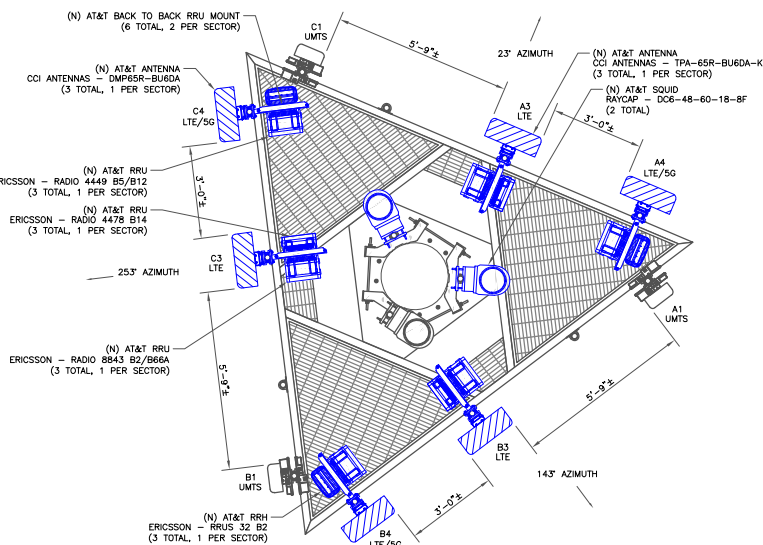
SHEET NUMBER: C-1.2
REVISION: 0



1 FINAL ELEVATION
SCALE: NOT TO SCALE



2 EXISTING ANTENNA PLAN
SCALE: 



3 FINAL ANTENNA PLAN
SCALE:  1/2" = 1'-0" (FULL SIZE)
1/4" = 1'-0" (11x17)

**"LOOK UP" – CROWN CASTLE USA INC.
SAFETY CLIMB REQUIREMENT:**

THE INTEGRITY OF THE SAFETY CUMMIL AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE MAINTAINED DURING THE COURSE OF DESIGN, INSTALLATION, AND INSPECTION, TOWER MODIFICATION, TOWER REINFORCEMENTS, AND/OR EQUIPMENT INSTALLATIONS SHALL NOT COMPROMISE THE INTEGRITY OF FUNCTIONALITY OF THE SAFETY CUMMIL OR ANY COMPONENTS OF THE CLIMBING FACILITY ON THE STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: PINCHING OF THE WIRE, WEAR, AND/OR DAMAGE TO THE WIRE, WIRE SUPPORTS, DIRECT CONTACT OR CLOSE PROXIMITY TO THE WIRE ROPE WHICH MAY CAUSE FRICTIONAL WEAR, IMPACT TO THE ANCHORAGE POINTS IN ANY WAY THAT COULD IMPROVE LOCK OR INTERFERE WITH ANY COMPROMISED SAFETY CUMMIL, INCLUDING EXISTING CONDITIONS MUST BE TAGGED OUT AND REPORTED TO YOUR CROWN CASTLE, USA INC. POE OR CALL THE GENERAL SUPERVISOR OF THE PROJECT, MAINTENANCE AND CONTRACTOR NOTICE TICKET.

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	07/01/20	CJ	PRELIMINARY	EO
0	07/28/20	CJ	CONSTRUCTION	JL

INSTALLER NOTES:

1. REFERENCE C-3 FOR FINAL EQUIPMENT SCHEDULE.
2. REFERENCE C-4 FOR NEW EQUIPMENT SPECIFICATIONS.
3. CONTRACTOR TO VERIFY ALL ANTENNA TIE HEIGHTS DO NOT EXCEED BEACON BASE HEIGHT.
4. 3'-0" MINIMUM DISTANCE REQUIRED BETWEEN LTE 700B AND SAME SECTOR.
5. 3'-0" MINIMUM DISTANCE REQUIRED BETWEEN 700BC & 700DE ANTENNAS ON SAME SECTOR.
6. 4'-0" MINIMUM DISTANCE REQUIRED BETWEEN LTE 700 ANTENNAS ON OPPOSING SECTORS.
7. ALL ANTENNA MEASUREMENT DISTANCES MUST BE EDGE TO EDGE (RELOCATE ANTENNAS AS NEEDED).
8. 8'-0" MINIMUM DISTANCE REQUIRED BETWEEN ANTENNA & RADIO. SEE GENERIC EXAMPLE DETAIL ON SHEET C-4.



575 MOROSGO DRIVE
ATLANTA, GA 30324-3300



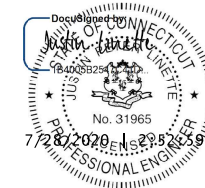
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

AT&T SITE NUMBER: CTL02179

BU #: 800515
CT CHESTER CAC 800515

49 WIG HILL ROAD
CHESTER, CT 06412

EXISTING 150'-0" MONOPOLE



Crown Castle USA, Inc. Certificate of
Registration #PEC 0001101

IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS THEY ARE ACTING UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL ENGINEER,
TO ALTER THIS DOCUMENT.

SHEET NUMBER: C-2	REVISION: 0
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FINAL EQUIPMENT SCHEDULE (VERIFY WITH CURRENT RFDS)																		
ALPHA																		
POSITION	ANTENNA				RADIO			DIPLEXER			TMA		SURGE PROTECTION		CABLES			
	TECH.	STATUS/MANUFACTURER MODEL	AZIMUTH	RAD CENTER	QTY.	STATUS/MODEL	LOCATION	QTY.	STATUS	LOCATION	QTY.	STATUS/MODEL	QTY.	STATUS/MODEL	QTY.	STATUS/TYPE	SIZE	LENGTH
A1	UMTS	(E) POWERWAVE 7770	143°	132°-0"	-	-	-	2	(E)	GROUND	2	(E) LOP 12104	-	-	2	(E) COAX	1-5/8"	182°-0"
A2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A3	LTE	(N) CCI ANTENNAS TPA-65R-BUECA-K	23°	132°-0"	1	(N) RADIO 4478 B14	TOWER	-	-	-	-	1	(E) DC6-48-60-18-8F	2	(E) #8AWG DC	7/16"	182°-0"	
					1	(N) RADIO 8843 B2/B66A	TOWER	-	-	-	-			1	(E) FIBER	3/8"	182°-0"	
A4	LTE/5G	(N) CCI ANTENNAS DMP65R-BUECA	23°	132°-0"	1	(N) RADIO 4449 B5/B12	TOWER	-	-	-	-	-	-	-	-	-	-	-
					1	(N) RRUS 32 B2	TOWER	-	-	-	-	-	-	-	-	-	-	
A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BETA																		
B1	UMTS	(E) POWERWAVE 7770	263°	132°-0"	-	-	-	2	(E)	GROUND	2	(E) LOP 12104	-	-	2	(E) COAX	1-5/8"	182°-0"
B2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B3	LTE	(N) CCI ANTENNAS TPA-65R-BUECA-K	143°	132°-0"	1	(N) RADIO 4478 B14	TOWER	-	-	-	-	1	(N) DC6-48-60-18-8F	2	(N) #8AWG DC	3/4"	182°-0"	
					1	(N) RADIO 8843 B2/B66A	TOWER	-	-	-	-			1	(N) FIBER	3/8"	182°-0"	
B4	LTE/5G	(N) CCI ANTENNAS DMP65R-BUECA	143°	132°-0"	1	(N) RADIO 4449 B5/B12	TOWER	-	-	-	-	-	-	-	-	-	-	-
					1	(N) RRUS 32 B2	TOWER	-	-	-	-	-	-	-	-	-	-	
B5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GAMMA																		
C1	UMTS	(E) POWERWAVE 7770	23°	132°-0"	-	-	-	2	(E)	GROUND	2	(E) LOP 12104	-	-	2	(E) COAX	1-5/8"	182°-0"
C2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C3	LTE	(N) CCI ANTENNAS TPA-65R-BUECA-K	253°	132°-0"	1	(N) RADIO 4478 B14	TOWER	-	-	-	-	1	(N) DC6-48-60-18-8F	2	(N) #8AWG DC	3/4"	182°-0"	
					1	(N) RADIO 8843 B2/B66A	TOWER	-	-	-	-			1	(N) FIBER	3/8"	182°-0"	
C4	LTE/5G	(N) CCI ANTENNAS DMP65R-BUECA	253°	132°-0"	1	(N) RADIO 4449 B5/B12	TOWER	-	-	-	-	-	-	-	-	-	-	-
					1	(N) RRUS 32 B2	TOWER	-	-	-	-	-	-	-	-	-	-	
C5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE:
(E) - EXISTING
(N) - NEW

1 FINAL EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE



575 MOROSGO DRIVE
ATLANTA, GA 30324-3300



3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

AT&T SITE NUMBER: CTL02179

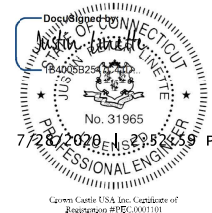
BU #: 800515
CT CHESTER CAC 800515

49 WIG HILL ROAD
CHESTER, CT 06412

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	BY	DESCRIPTION	DES./QA
A	07/01/20	CJ	PRELIMINARY	JO
B	07/28/20	CJ	CONSTRUCTION	JL



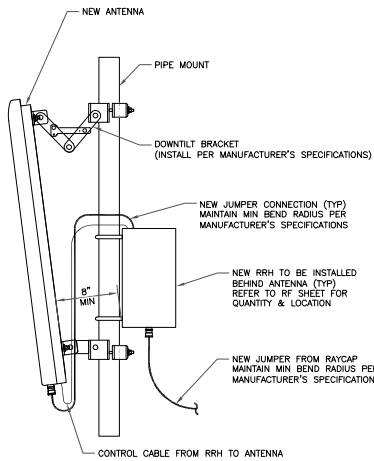
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James Castle USA, Inc. Certificate of Registration #PECC0001101

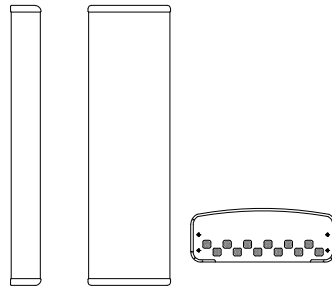
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SHEET NUMBER: C-3

REVISION: 0

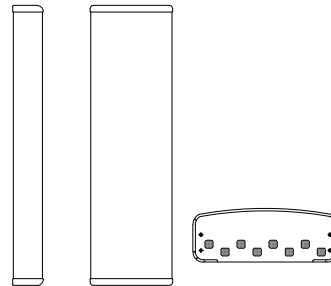


1 GENERIC ANTENNA MOUNTING ELEVATION
SCALE: NOT TO SCALE



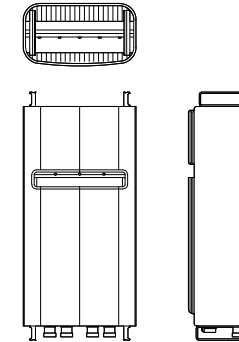
CCI ANTENNAS - TPA-65R-BU6DA-K
WEIGHT (WITHOUT MOUNTING HARDWARE): 72.5 LBS
SIZE (HxWxD): 71.2x21.0x7.8 IN.
MOUNTING HARDWARE P/N: BSA-M03
RATED WIND VELOCITY: 150.0 MPH

2 CCI ANTENNAS - TPA-65R-BU6DA-K
SCALE: NOT TO SCALE



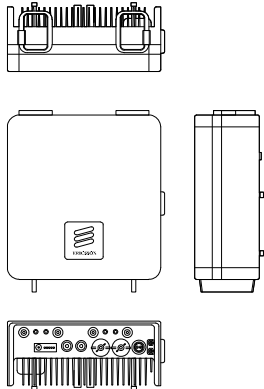
CCI ANTENNAS - DMP65R-BU6DA
WEIGHT (WITHOUT MOUNTING HARDWARE): 89.3 LBS
SIZE (HxWxD): 71.2x20.7x7.7 IN.
MOUNTING HARDWARE P/N: BSA-M03
RATED WIND VELOCITY: 150.0 MPH

3 CCI ANTENNAS - DMP65R-BU6DA
SCALE: NOT TO SCALE



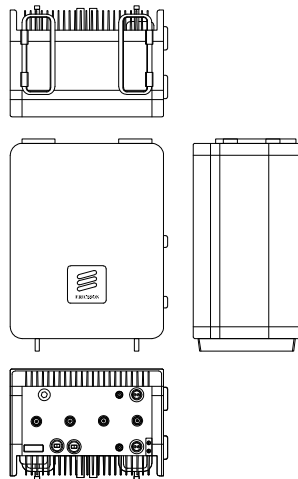
ERICSSON - RRUS 32 B2
WEIGHT (WITHOUT MOUNTING HARDWARE): 52.9 LBS
SIZE (HxWxD): 27.20x12.05x7.00 IN.

4 ERICSSON - RRUS 32 B2
SCALE: NOT TO SCALE



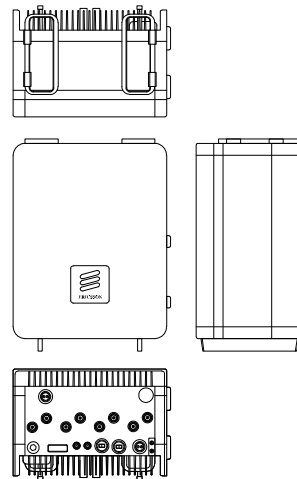
ERICSSON - RADIO 4478 B14
WEIGHT: 60.0 LBS
SIZE (HxWxD): 15.0x13.0x8.0 IN.

5 ERICSSON - RADIO 4478 B14
SCALE: NOT TO SCALE



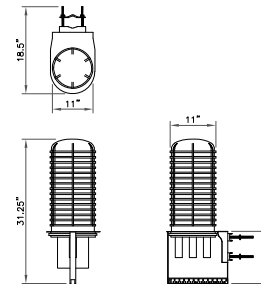
ERICSSON - RADIO 4449 B5/B12
WEIGHT: 70.0 LBS
SIZE (HxWxD): 18.0x13.2x9.4 IN.

6 ERICSSON - RADIO 4449 B5/B12
SCALE: NOT TO SCALE



ERICSSON - RADIO 8843 B2/B66A
WEIGHT: 75.0 LBS
SIZE (HxWxD): 18.0x13.2x11.3 IN.

7 ERICSSON - RADIO 8843 B2/B66A
SCALE: NOT TO SCALE



RAYCAP - DC6-48-60-18-8F
WEIGHT (WITHOUT MOUNTING HARDWARE): 20.0 LBS
SIZE (HxWxD): 31.25x11.0x11.0 IN.

8 RAYCAP - DC6-48-60-18-8F
SCALE: NOT TO SCALE



AT&T SITE NUMBER: CTL02179

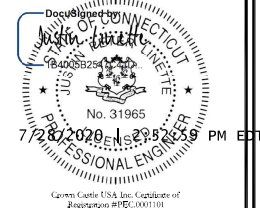
BU #: 800515
CT CHESTER CAC 800515

49 WIG HILL ROAD
CHESTER, CT 06412

EXISTING 150'-0" MONOPOLE

ISSUED FOR:

REV	DATE	BY	DESCRIPTION	DES./QA
A	07/01/20	CJ	PRELIMINARY	BO
B	07/28/20	CJ	CONSTRUCTION	JL

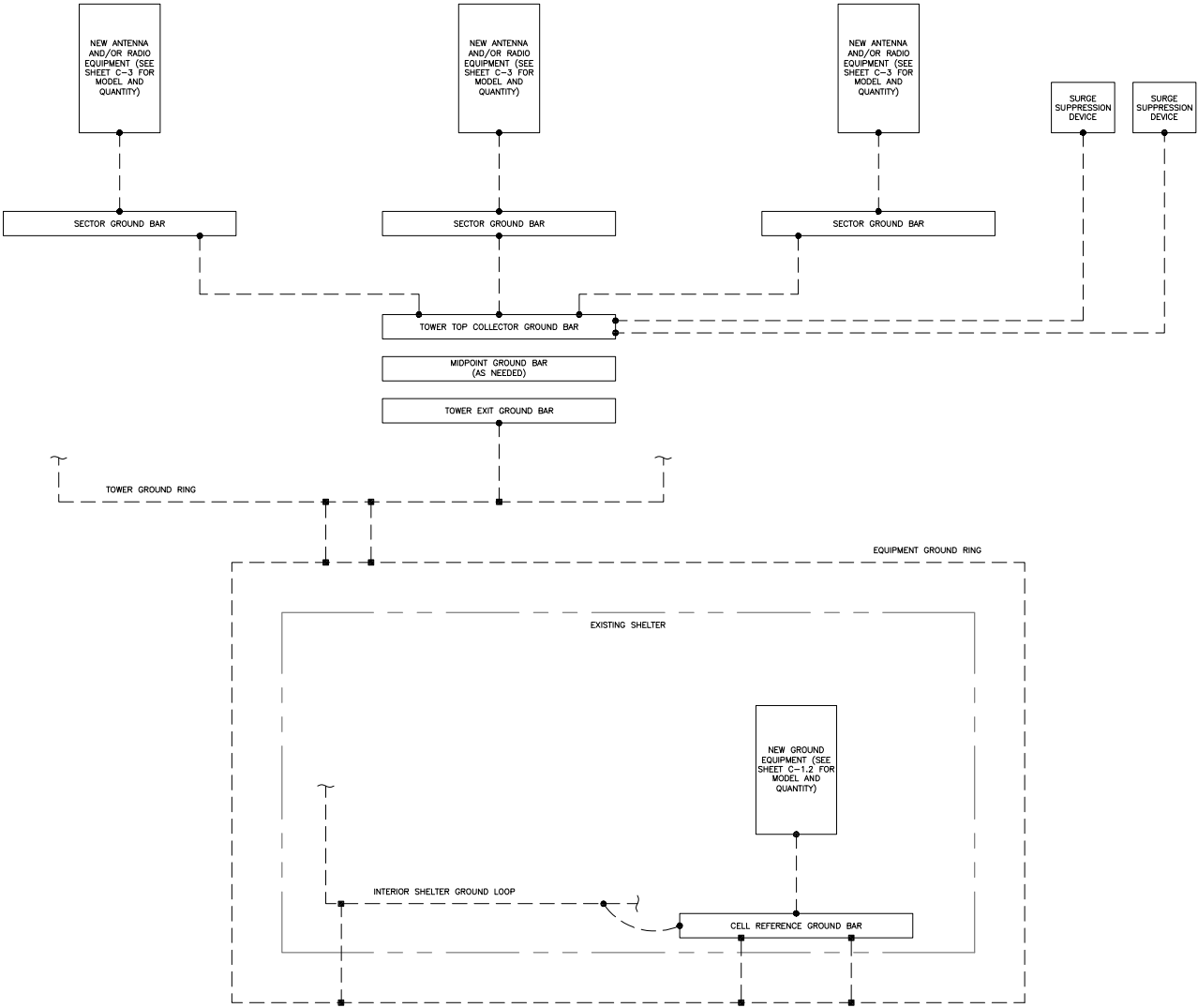


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SHEET NUMBER:
C-4

REVISION:
0



1 GROUNDING SCHEMATIC
SCALE: NOT TO SCALE

GROUNDING PLAN LEGEND:

- GROUND WIRE
- EXOTHERMIC WELD
- MECHANICAL CONNECTION
- ⊙ COPPER GROUND ROD
- ⊙ GROUND ROD W/ TEST WELL

CELL REFERENCE GROUND BAR: POINT OF GROUND REFERENCE FOR ALL COMMUNICATIONS EQUIPMENT FRAMES. ALL BONDS ARE MADE WITH #2 STRANDED GREEN INSULATED COPPER CONDUCTORS. BOND TO GROUND RING WITH (2) #2 SOLID TINNED COPPER CONDUITS (ATT-TP-76416 7.6.7).

HATCH PLATE GROUND BAR: BOND TO THE INTERIOR GROUND RING WITH (2) #2 STRANDED GREEN INSULATED COPPER CONDUCTORS. WHEN A HATCH-PLATE AND A CELL REFERENCE GROUND BAR ARE BOTH PRESENT, THE CELL SITE REFERENCE GROUND BAR MUST BE CONNECTED TO THE HATCH-PLATE AND TO THE INTERIOR GROUND RING USING (2) #2 STRANDED GREEN INSULATED COPPER CONDUCTORS.

EXTERIOR CABLE ENTRY PORT GROUND BARS: LOCATED AT THE ENTRANCE TO THE CELL SITE BUILDING. BOND TO GROUND RING WITH A #2 SOLID TINNED COPPER CONDUCTORS WITH AN EXOTHERMIC WELD AND INSPECTION SLEEVE (ATT-TP-76416 7.6.7.2).

DURING ALL DC POWER SYSTEM CHANGES INCLUDING DC SYSTEM CHANGE OUTS, RECTIFIER REPLACEMENTS OR ADDITIONS, BREAKER DISTRIBUTION CHANGES, BATTERY ADDITIONS, BATTERY REPLACEMENTS AND INSTALLATIONS OR CHANGES TO DC CONVERTER SYSTEMS IT SHALL BE REQUIRED THAT SERVICES CONTRACTORS VERIFY ALL DC POWER SYSTEMS ARE EQUIPPED WITH MASTER DC SYSTEM RETURN GROUND CONDUCTOR FROM THE DC POWER SYSTEM COMMON RETURN BUS DIRECTLY CONNECTED TO THE CELL SITE REFERENCE GROUND BAR PER TP76300 SECTION H 6 AND TP76416 FIGURE 7-11 REQUIREMENTS.

AT&T
575 MOROSGO DRIVE
ATLANTA, GA 30324-3300

CROWN CASTLE
3 CORPORATE PARK DRIVE, SUITE 101
CLIFTON PARK, NY 12065

AT&T SITE NUMBER: CTL02179

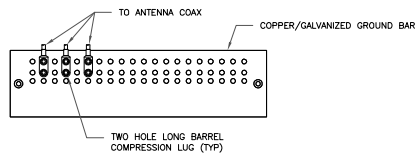
BU #: 800515
CT CHESTER CAC 800515
49 WIG HILL ROAD
CHESTER, CT 06412
EXISTING 150'-0" MONOPOLE

ISSUED FOR:				
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B	07/28/20	CJ	CONSTRUCTION	JL

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Professional Engineer
No. 31965
7/28/2020 2:28:55 PM EDT
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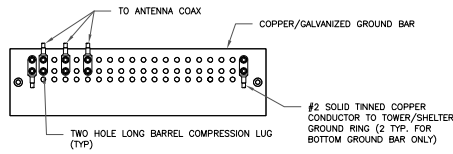
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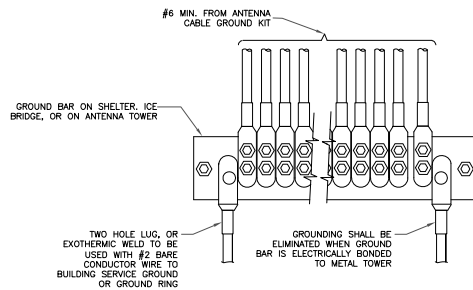
- NOTES:
1. DOUBLING UP "OR STACKING" OF CONNECTIONS IS NOT PERMITTED.
 2. EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
 3. GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO ANTENNA MOUNT STEEL.

1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE

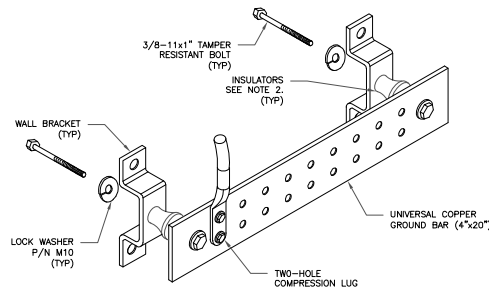


- NOTES:
1. EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
 2. GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO TOWER STEEL (TOWER ONLY).
 3. GROUND BAR SHALL BE ISOLATED FROM BUILDING OR SHELTER.

2 TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE

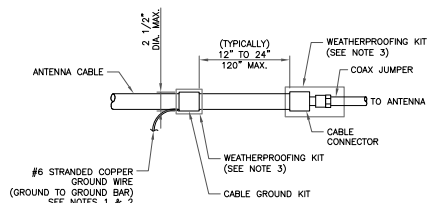


4 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



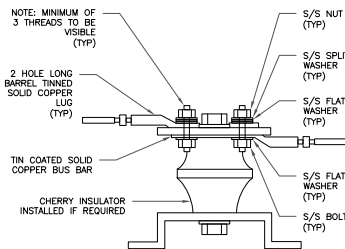
- NOTES:
1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER. PER THE GROUNDING DOWN CONDUCTOR POLICY GAS-STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION. CAD-WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.
 2. OMIT INSULATOR WHEN MOUNTING TO TOWER STEEL OR PLATFORM STEEL. USE INSULATORS WHEN ATTACHING TO BUILDING OR SHELTERS.

5 GROUND BAR DETAIL
SCALE: NOT TO SCALE



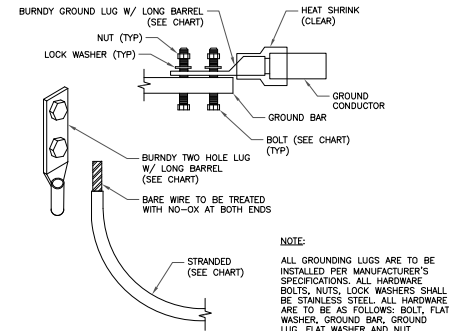
- NOTES:
1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
 2. GROUNDING KIT SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
 3. WEATHER PROOFING SHALL BE TWO-PART TAPE KIT, COLD SHRINK SHALL NOT BE USED.

6 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



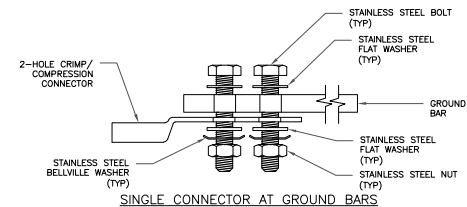
7 LUG DETAIL
SCALE: NOT TO SCALE

WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC SS 2 BOLT
#2 SOLID TINNED	YA3C-2TC38	3/8" - 16 NC SS 2 BOLT
#2 STRANDED	YA2C-2TC38	3/8" - 16 NC SS 2 BOLT
#2/0 STRANDED	YA2B-2TC38	3/8" - 16 NC SS 2 BOLT
#4/0 STRANDED	YA2B-2N	1/2" - 16 NC SS 2 BOLT

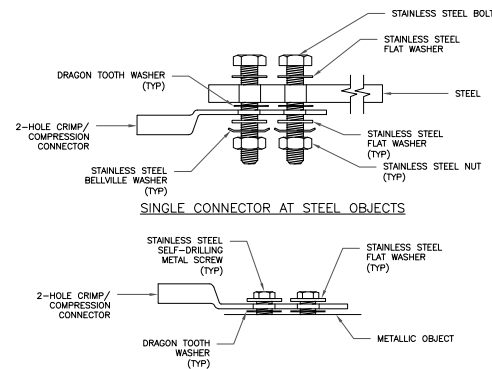


- NOTE:
- ALL GROUNDING LUGS ARE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. ALL HARDWARE BOLTS, NUTS, LOCK WASHERS SHALL BE STAINLESS STEEL. ALL HARDWARE ARE TO BE AS FOLLOWS: BOLT, FLAT WASHER, GROUND BAR, GROUND LUG, FLAT WASHER AND NUT.

3 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



SINGLE CONNECTOR AT GROUND BARS



SINGLE CONNECTOR AT STEEL OBJECTS

SINGLE CONNECTOR AT METALLIC/STEEL OBJECTS

8 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



AT&T SITE NUMBER: CTL02179

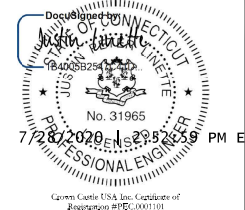
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CT CHESTER CAC 800515

49 WIG HILL ROAD
CHESTER, CT 06412

EXISTING 150'-0" MONOPOLE

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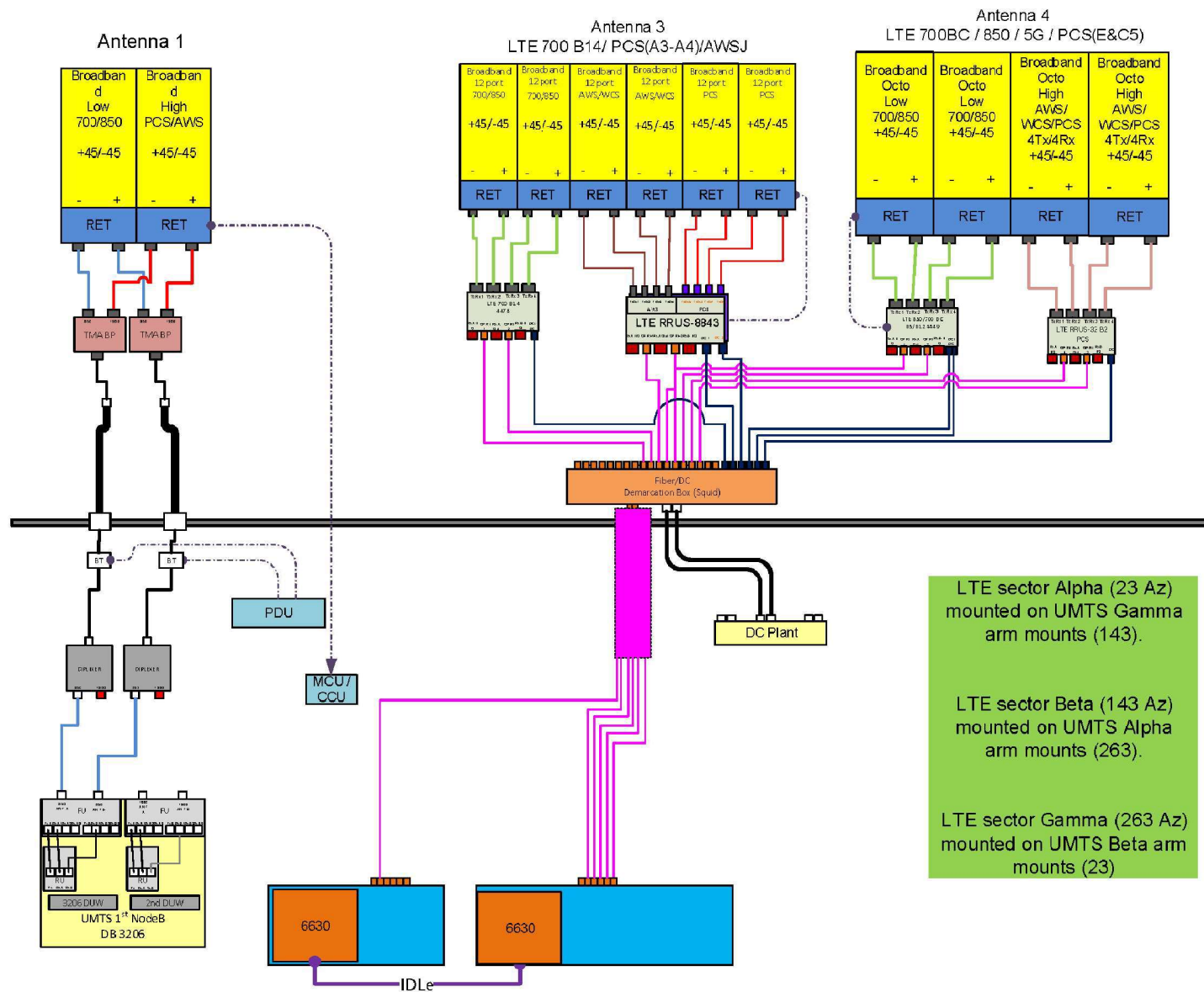
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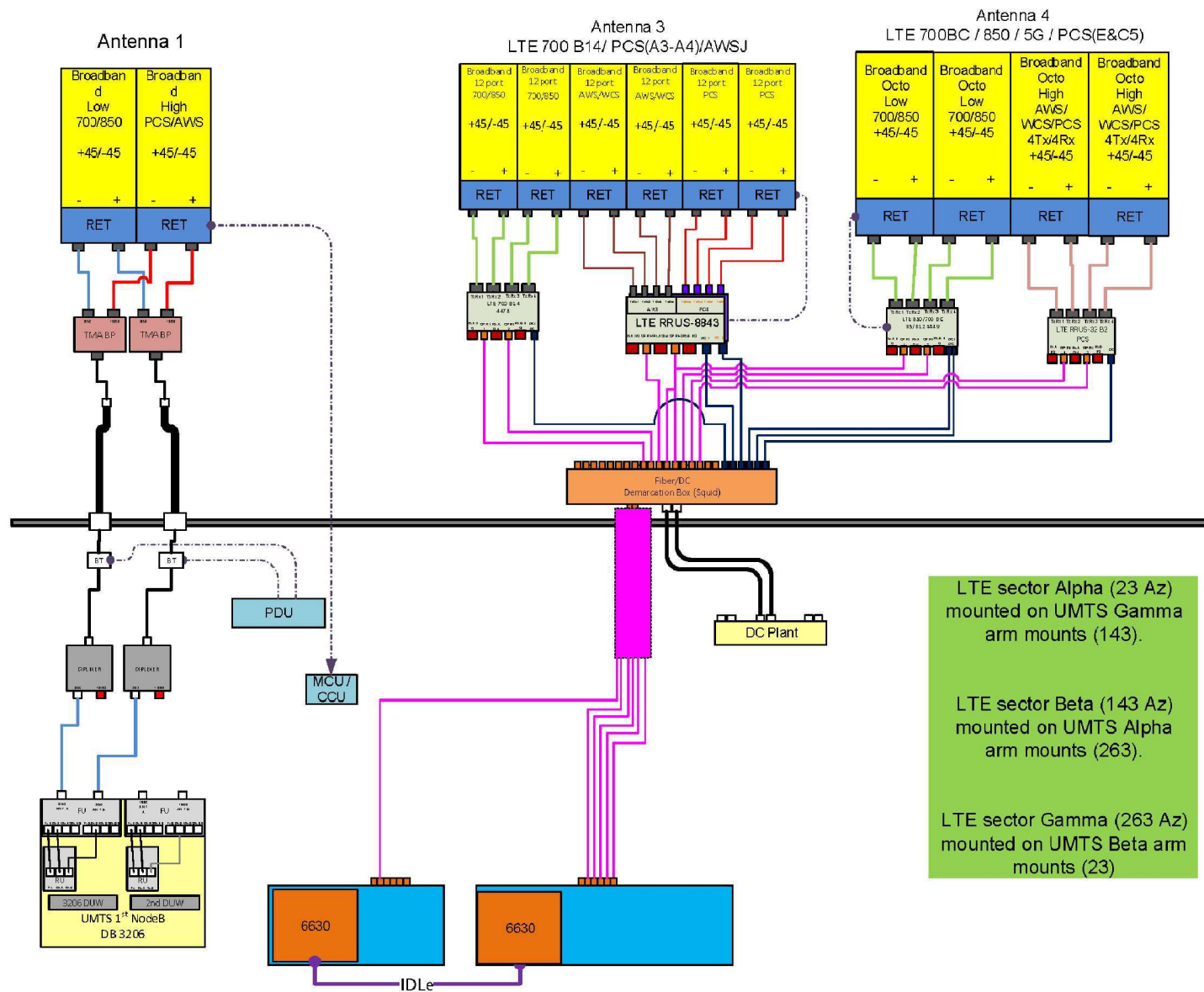
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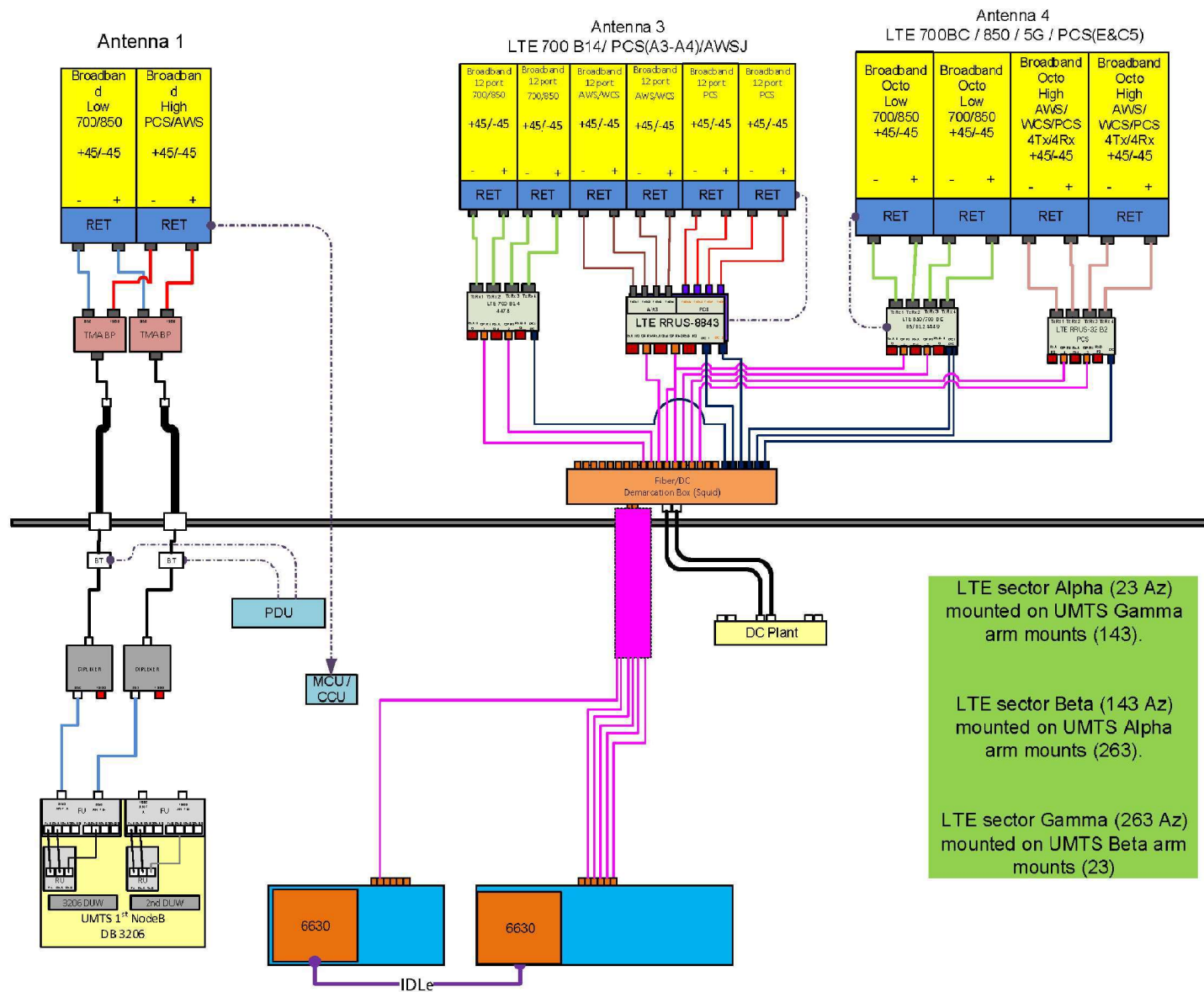
G-2

REVISION:

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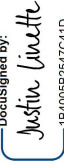
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Agent Delivery Events

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Intermediary Delivery Events

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Certified Delivery Events

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Security Checked

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Completed

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Status

Timestamps

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To contact us by phone call: 724-416-2000

To contact us by email, send messages to: signature@CrownCastle.com

To contact us by paper mail, send correspondence to

Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317

To advise Crown Castle and DocuSign of your new e-mail address

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Mobile Signing:	Apple iOS 7.0 or above; Android 4.0 or above
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Exhibit D

Structural Analysis Report



Date: June 09, 2020

Cheryl Schultz
Crown Castle
6325 Ardrey Kell Rd, Suite 600
Charlotte, NC 28277

Paul J. Ford and Company
250 East Broad St., Ste 600
Columbus, OH 43215
614-221-6679

Subject:

Structural Analysis Report

Carrier Designation:

AT&T Mobility Co-Locate

Carrier Site Number:

CTL02179

Carrier Site Name:

CHESTER WIG HILL RD

Crown Castle Designation:

Crown Castle BU Number:

800515

Crown Castle Site Name:

CT CHESTER CAC 800515

Crown Castle JDE Job Number:

605356

Crown Castle Work Order Number:

1858782

Crown Castle Order Number:

517068 Rev. 0

Engineering Firm Designation:

Paul J. Ford and Company Project Number: 37520-0153.002.7805

Site Data:

49 Wig Hill Road, Chester, Middlesex County, CT
Latitude 41° 24' 13.93", Longitude -72° 28' 20.82"
150 Foot - Monopole Tower

Dear Cheryl Schultz,

Paul J. Ford and Company is pleased to submit this “**Structural Analysis Report**” to determine the structural integrity of the above mentioned tower.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Proposed Equipment Configuration

Sufficient Capacity (80.5%)

This analysis utilizes an ultimate 3-second gust wind speed of 130 mph as required by the 2018 Connecticut State Building Code and Appendix N. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Respectfully submitted by:



Jared Forbes, E.I.
Structural Designer
jforbes@pauljford.com

D.S.

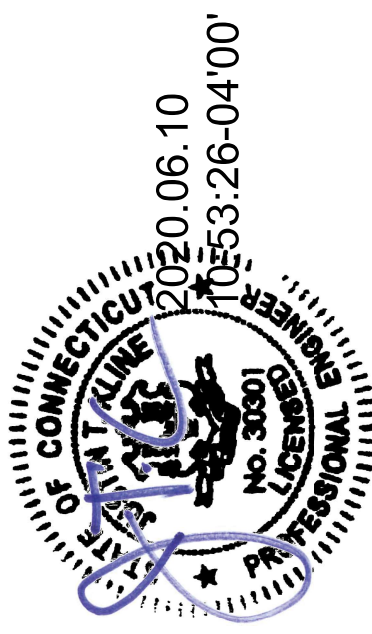


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4) ANALYSIS RESULTS

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tnxTower Output

6) APPENDIX B

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7) APPENDIX C

Additional Calculations

1) INTRODUCTION

This tower is a 150 ft Monopole tower designed by ENGINEERED ENDEAVORS, INC. in August of 1998.

The tower has been modified per reinforcement drawings prepared by GPD in February of 2005. Reinforcement consist of base plate stiffener.

2) ANALYSIS CRITERIA

TIA-222 Revision: TIA-222-H
Risk Category: II
Wind Speed: 130 mph
Exposure Category: B
Topographic Factor: 1
Ice Thickness: 1.5 in
Wind Speed with Ice: 50 mph
Service Wind Speed: 60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
134.0	134.0	1	raycap	DC6-48-60-18-8F w/ Mount Pipe	-	-
		1	tower mounts	Side Arm Mount [SO 102-3]		
132.0	132.0	3	cci antennas	DMP65R-BU6D w/ Mount Pipe		
		3	cci antennas	TPA65R-BU6D w/ Mount Pipe		
		3	ericsson	RRUS 32 B2		
		3	ericsson	RRUS 4449 B5/B12		
		3	ericsson	RRUS 4478 B14		
		3	ericsson	RRUS 8843 B2/B66A		
		3	powerwave technologies	7770.00 w/ Mount Pipe		
		6	powerwave technologies	LGP21401		
		2	raycap	DC6-48-60-18-8F		
		1	tower mounts	Platform Mount [LP 602-1]		
					6 3 2 4 1	1-1/4 3/8 7/16 3/4 2" Conduit

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
150.0	150.0	3	alcatel lucent	PCS 1900MHz 4x45W-65MHz	4	1-1/4
		6	alcatel lucent	RRH2X50-800		
		3	commscope	NNVV-65B-R4 w/ Mount Pipe		
		3	nokia	FZHN		
		3	rfs celwave	APXVTM14-ALU-I20 w/ Mount Pipe		
148.0	150.0	1	tower mounts	Platform Mount [LP 602-1]	4	7/8
		1	kreco	CO-40A		
		1	telewave	ANT450F6		
		1	kreco	CO-40A		
		1	telewave	ANT450F6		
141.0	141.0	4	tower mounts	Side Arm Mount [SO 701-1]	12 1	1-5/8 1-1/4
		6	antel	LPA-80080-4CF-EDIN-0 w/ Mount Pipe		
		6	jma wireless	MX06FRO660-03 w/ Mount Pipe		
		1	rfs celwave	DB-B1-6C-12AB-0Z		
		3	samsung telecommunications	RFV01U-D1A		
118.0	118.0	3	samsung telecommunications	RFV01U-D2A	1 2	1/4 1-1/4
		1	tower mounts	Platform Mount [LP 602-1]		
		1	telewave	ANT450Y7-WR		
		1	rad data communications	AIRMUX-400 w/ Mount Pipe		
		1	telewave	ANT450F6		
116.0	116.0	2	tower mounts	Side Arm Mount [SO 102-1]	12 2	1-1/4 1/2
		2	gps	GPS_A		
		12	allgon	7120.16 w/ Mount Pipe		
		1	tower mounts	Platform Mount [LP 602-1]		
		2	ericsson	KRY 112 144/1		
106.0	108.0	3	ericsson	KRY 112 489/2	13	1-5/8
		3	ericsson	RADIO 4449 B12/B71		
		3	rfs celwave	APXV18-206516S-C-A20 w/ Mount Pipe		
		3	rfs celwave	APXVAAARR24_43-U-NA20 w/ Mount Pipe		
		1	tower mounts	Platform Mount [LP 602-1]		
96.0	96.0	3	rfs celwave	APXV18-206517LS w/ Mount Pipe	6	1-1/4
		1	tower mounts	Side Arm Mount [SO 104-3]		
75.0	75.0	1	gps	GPS_A	1	1/2
		1	tower mounts	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Remarks	Reference	Source
4-GEOTECHNICAL REPORTS	Clarence Welti, 10/27/1998	2301672	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	EEL, 4123 Rev. 1, 04/25/1999 & TEP, 081974, 07/31/2008 (Mapping)	671930	CCISITES
4-TOWER MANUFACTURER DRAWINGS	EEL, 4123, 08/07/1998	671925	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	GPD, 2005078.33, 02/24/2005	1037702	CCISITES
4-POST-MODIFICATION INSPECTION	GPD, 2006185.04, 10/05/2006	1285403	CCISITES

3.1) Analysis Method

tnxTower (version 8.0.5.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 standard.

3.2) Assumptions

- 1) Tower and structures were maintained in accordance with the TIA-222 standard.
- 2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.
- 3) The structure was modified in conformance with the referenced modification drawings as shown in the referenced post modification inspection.

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	150 - 122.92	Pole	TP28.83x21x0.1875	1	-11.59	1002.97	40.3	Pass
L2	122.92 - 84.26	Pole	TP39.51x27.2493x0.375	2	-25.02	2746.10	44.7	Pass
L3	84.26 - 41.55	Pole	TP50.99x37.1855x0.4375	3	-39.03	4143.17	50.0	Pass
L4	41.55 - 0	Pole	TP62x48.1364x0.5	4	-61.59	5995.11	48.0	Pass
							Summary	
						Pole (L3)	50.0	Pass
						RATING =	50.0	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	42.9	Pass
1	Base Plate	0	33.0	Pass
1	Base Foundation Structural Steel	0	80.5	Pass
1	Base Foundation Soil Interaction	0	50.9	Pass

Structure Rating (max from all components) =	80.5%
--	-------

Notes:

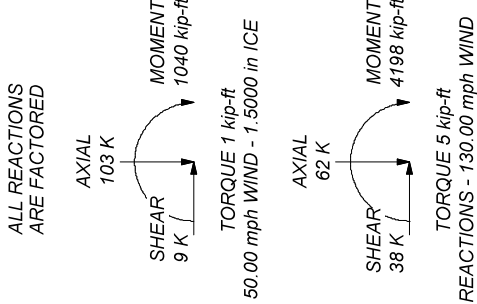
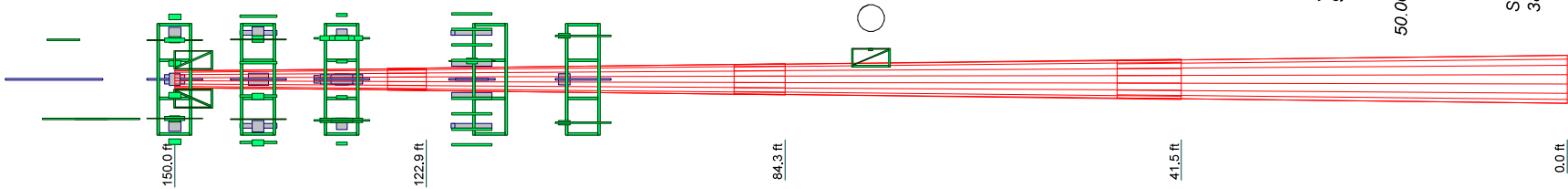
- All structural ratings are per TIA-222-H Section 15.5
- 1) See additional documentation in "Appendix C – Additional Calculations" for calculations supporting the % capacity consumed.

4.1) Recommendations

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

APPENDIX A
TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
4	48.46	18	0.5000		48.1364	62.0000	A572-65	14.3
3	48.21	18	0.4375	6.91	37.1855	50.9900	A572-65	9.9
2	42.83	18	0.3750	5.50	27.2493	39.5100	A572-65	5.7
1	27.08	18	0.1875	4.17	21.0000	28.8300		1.4



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Middlesex County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 130.00 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50.00 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60.00 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TIA-222-H Annex S
9. TOWER RATING: 50%



Paul J. Ford and Company
250 East Broad St., Ste 600
Columbus, OH 43215
Phone: 614-221-6679
FAX:

Job: 150 Ft. Monopole / CT Chester CAC

Project: PJF 37520-0153 / BU 800515

Client: Crown Castle

Code: TIA-222-H

Path: C:\Users\jforbes\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\B366JA\150FtMonopole\150FtMonopole.dwg

Drawn by: jforbes

Date: 06/10/20

App'd: NTS

Dwg No. E-1

Tower Input Data

The tower is a monopole.

This tower is designed using the TIA-222-H standard.

The following design criteria apply:

- 1) Tower is located in Middlesex County, Connecticut.
- 2) Tower base elevation above sea level: 356.00 ft.
- 3) Basic wind speed of 130.00 mph.
- 4) Risk Category II.
- 5) Exposure Category B.
- 6) Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- 7) Topographic Category: 1.
- 8) Crest Height: 0.00 ft.
- 9) Nominal ice thickness of 1.5000 in.
- 10) Ice thickness is considered to increase with height.
- 11) Ice density of 56.00 pcf.
- 12) A wind speed of 50.00 mph is used in combination with ice.
- 13) Temperature drop of 50.00 °F.
- 14) Deflections calculated using a wind speed of 60.00 mph.
- 15) TIA-222-H Annex S.
- 16) A non-linear (P-delta) analysis was used.
- 17) Pressures are calculated at each section.
- 18) Stress ratio used in pole design is 1.05.
- 19) Tower analysis based on target reliabilities in accordance with Annex S.
- 20) Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
- 21) Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	150.00-122.92	27.08	4.17	18	21.0000	28.8300	0.1875	0.7500	A572-65 (65 ksi)
L2	122.92-84.26	42.83	5.50	18	27.2493	39.5100	0.3750	1.5000	A572-65 (65 ksi)
L3	84.26-41.55	48.21	6.91	18	37.1855	50.9900	0.4375	1.7500	A572-65 (65 ksi)
L4	41.55-0.00	48.46		18	48.1364	62.0000	0.5000	2.0000	A572-65 (65 ksi)

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
									(65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in ²	I in ⁴	r in	C in	I/C in ³	J in ⁴	I/Q in ²	w in	w/t
L1	21.2950	12.3860	677.8263	7.3884	10.6680	63.5383	1356.5444	6.1942	3.3660	17.952
	29.2458	17.0459	1766.7635	10.1681	14.6456	120.6341	3535.8517	8.5246	4.7441	25.302
L2	28.8239	31.9871	2918.6755	9.5404	13.8426	210.8469	5841.1915	15.9966	4.1359	11.029
	40.0617	46.5804	9013.0474	13.8929	20.0711	449.0564	18037.954	23.2946	6.2938	16.783
L3	39.2909	51.0293	8706.1286	13.0456	18.8903	460.8793	17423.712	25.5195	5.7747	13.199
	51.7091	70.1985	22664.719	17.9461	25.9029	874.9870	45359.261	35.1059	8.2042	18.753
L4	50.8092	75.5990	21673.592	16.9109	24.4533	886.3264	43375.703	37.8067	7.5920	15.184
	62.8793	97.6005	46637.979	21.8325	31.4960	1480.7588	93337.325	48.8095	10.0320	20.064

Tower Elevation ft	Gusset Area (per face) ft ²	Gusset Thickness in	Gusset Grade Adjust. Factor A _r	Adjust. Factor A _r	Weight Mult.	Double Angle Spacing Diagonals in	Double Angle Spacing Horizontals in	Double Angle Stitch Bolt Spacing in	Double Angle Stitch Bolt Spacing Redundants in
L1 150.00- 122.92			1	1				1	
L2 122.92- 84.26			1	1				1	
L3 84.26- 41.55			1	1				1	
L4 41.55-0.00			1	1				1	

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position d	Width or Diameter r in	Perimeter r in	Weight plf
HJ5-50(7/8")	A	No	Surface Ar (CaAa)	148.00 - 0.00	1	1	-0.036 -0.036	1.1100		0.54
FB-L98B-002-75000(3/8")	A	No	Surface Ar (CaAa)	132.00 - 0.00	2	2	0.173 0.191	0.3937		0.06
WR-VG86ST-BRD (3/4")	A	No	Surface Ar (CaAa)	132.00 - 0.00	4	4	0.103 0.158	0.7740		0.88
CAT5e(1/4")	B	No	Surface Ar (CaAa)	118.00 - 0.00	1	1	-0.092 -0.092	0.2600		0.04
CR 1480 PE(1-1/4)	B	No	Surface Ar (CaAa)	118.00 - 0.00	2	2	-0.105 -0.059	1.5700		0.55

FLC 12-50J(1/2")	B	No	Surface Ar (CaAa)	75.00 - 0.00	1	1	0.292 0.292	0.6400		0.17

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	C _A A _A ft ² /ft	Weight plf
HB114-1-0813U4- M5J(1-1/4)	C	No	No	Inside Pole	150.00 - 0.00	3	No Ice 1/2" Ice 1" Ice	1.20 1.20 1.20

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	C _{AA} ft ² /ft	Weight plf
HB114-13U3M12- XXXF(1-1/4)	C	No	No	Inside Pole	150.00 - 0.00	1	2" Ice No Ice 1/2" Ice 1" Ice 2" Ice	1.20 0.99 0.99 0.99 0.99
*** HJ5-50(7/8")	C	No	No	Inside Pole	148.00 - 0.00	3	No Ice 1/2" Ice 1" Ice 2" Ice	0.54 0.54 0.54 0.54
*** HJ7-50A(1-5/8")	C	No	No	Inside Pole	141.00 - 0.00	12	No Ice 1/2" Ice 1" Ice 2" Ice	1.04 1.04 1.04 1.04
HB114-U6S12- xxx-LI(1-1/4")	C	No	No	Inside Pole	141.00 - 0.00	1	No Ice 1/2" Ice 1" Ice 2" Ice	1.70 1.70 1.70 1.70
*** LCF114-50J(1- 1/4")	C	No	No	Inside Pole	132.00 - 0.00	6	No Ice 1/2" Ice 1" Ice 2" Ice	0.70 0.70 0.70 0.70
FB-L98B-002- 75000(3/8")	C	No	No	Inside Pole	132.00 - 0.00	1	No Ice 1/2" Ice 1" Ice 2" Ice	0.06 0.06 0.06 0.06
WR-VG122ST- BRDA(7/16")	C	No	No	Inside Pole	132.00 - 0.00	2	No Ice 1/2" Ice 1" Ice 2" Ice	0.14 0.14 0.14 0.14
2" (Nominal) Conduit	C	No	No	Inside Pole	132.00 - 0.00	1	No Ice 1/2" Ice 1" Ice 2" Ice	0.72 0.72 0.72 0.72
LDF7-50A(1-5/8")	C	No	No	Inside Pole	106.00 - 0.00	6	No Ice 1/2" Ice 1" Ice 2" Ice	0.82 0.82 0.82 0.82
AVA7-50(1-5/8")	C	No	No	Inside Pole	106.00 - 0.00	6	No Ice 1/2" Ice 1" Ice 2" Ice	0.72 0.72 0.72 0.72
HCS 6X12 4AWG(1-5/8")	C	No	No	Inside Pole	106.00 - 0.00	1	No Ice 1/2" Ice 1" Ice 2" Ice	2.40 2.40 2.40 2.40
LDF6-50A(1-1/4")	C	No	No	Inside Pole	96.00 - 0.00	6	No Ice 1/2" Ice 1" Ice 2" Ice	0.66 0.66 0.66 0.66
*** *** cr 1480	C	No	No	Inside Pole	116.00 - 0.00	12	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 0.00 0.00 0.00
LDF4-50A(1/2")	C	No	No	Inside Pole	116.00 - 0.00	2	No Ice 1/2" Ice 1" Ice 2" Ice	0.15 0.15 0.15 0.15

Feed Line/Linear Appurtenances Section Areas

Tower Sectio n	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
L1	150.00-122.92	A	0.000	0.000	6.310	0.000	0.05
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.47
L2	122.92-84.26	A	0.000	0.000	19.304	0.000	0.16
		B	0.000	0.000	11.472	0.000	0.04
		C	0.000	0.000	0.000	0.000	1.30
L3	84.26-41.55	A	0.000	0.000	21.327	0.000	0.18
		B	0.000	0.000	16.662	0.000	0.05
		C	0.000	0.000	0.000	0.000	1.77
L4	41.55-0.00	A	0.000	0.000	20.748	0.000	0.17
		B	0.000	0.000	16.786	0.000	0.05
		C	0.000	0.000	0.000	0.000	1.73

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Sectio n	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
L1	150.00-122.92	A	1.469	0.000	0.000	21.226	0.000	0.26
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.47
L2	122.92-84.26	A	1.428	0.000	0.000	62.804	0.000	0.75
		B		0.000	0.000	36.419	0.000	0.39
		C		0.000	0.000	0.000	0.000	1.30
L3	84.26-41.55	A	1.359	0.000	0.000	68.179	0.000	0.80
		B		0.000	0.000	57.025	0.000	0.61
		C		0.000	0.000	0.000	0.000	1.77
L4	41.55-0.00	A	1.213	0.000	0.000	64.308	0.000	0.74
		B		0.000	0.000	56.751	0.000	0.58
		C		0.000	0.000	0.000	0.000	1.73

Feed Line Center of Pressure

Section	Elevation ft	CP _X in	CP _Z in	CP _X Ice in	CP _Z Ice in
L1	150.00-122.92	-1.3973	-1.0876	-2.1266	-1.6426
L2	122.92-84.26	-0.7744	-3.1799	-0.9907	-3.8600
L3	84.26-41.55	-0.3091	-3.4207	-0.1536	-4.2924
L4	41.55-0.00	-0.2468	-3.5601	0.0058	-4.6344

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
L1	6	HJ5-50(7/8")	122.92 - 148.00	1.0000	1.0000
L1	12	FB-L98B-002-75000(3/8")	122.92 - 132.00	1.0000	1.0000
L1	16	WR-VG86ST-BRD (3/4")	122.92 - 132.00	1.0000	1.0000
L1	17	CAT5e(1/4")	122.92 - 118.00	1.0000	1.0000
L1	18	CR 1480 PE(1-1/4)	122.92 - 118.00	1.0000	1.0000
L2	6	HJ5-50(7/8")	84.26 - 122.92	1.0000	1.0000
L2	12	FB-L98B-002-75000(3/8")	84.26 - 122.92	1.0000	1.0000
L2	16	WR-VG86ST-BRD (3/4")	84.26 - 122.92	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
L2	17	CAT5e(1/4")	84.26 - 118.00	1.0000	1.0000
L2	18	CR 1480 PE(1-1/4)	84.26 - 118.00	1.0000	1.0000
L2	24	FLC 12-50J(1/2")	84.26 - 75.00	1.0000	1.0000
L3	6	HJ5-50(7/8")	41.55 - 84.26	1.0000	1.0000
L3	12	FB-L98B-002-75000(3/8")	41.55 - 84.26	1.0000	1.0000
L3	16	WR-VG86ST-BRD (3/4")	41.55 - 84.26	1.0000	1.0000
L3	17	CAT5e(1/4")	41.55 - 84.26	1.0000	1.0000
L3	18	CR 1480 PE(1-1/4)	41.55 - 84.26	1.0000	1.0000
L3	24	FLC 12-50J(1/2")	41.55 - 75.00	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment t °	Placement ft	C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
NNVV-65B-R4 w/ Mount Pipe	A	From Leg	4.00	0.00	150.00	No Ice	7.55	0.11
			0.00			1/2"	8.04	0.20
			0.00			Ice	8.53	0.30
						1" Ice	9.56	0.53
NNVV-65B-R4 w/ Mount Pipe	B	From Leg	4.00	0.00	150.00	No Ice	7.55	0.11
			0.00			1/2"	8.04	0.20
			0.00			Ice	8.53	0.30
						1" Ice	9.56	0.53
NNVV-65B-R4 w/ Mount Pipe	C	From Leg	4.00	0.00	150.00	No Ice	7.55	0.11
			0.00			1/2"	8.04	0.20
			0.00			Ice	8.53	0.30
						1" Ice	9.56	0.53
APXVTM14-ALU-I20 w/ Mount Pipe	A	From Leg	4.00	0.00	150.00	No Ice	4.09	0.08
			0.00			1/2"	4.48	0.13
			0.00			Ice	4.88	0.19
						1" Ice	5.71	0.33
APXVTM14-ALU-I20 w/ Mount Pipe	B	From Leg	4.00	0.00	150.00	No Ice	4.09	0.08
			0.00			1/2"	4.48	0.13
			0.00			Ice	4.88	0.19
						1" Ice	5.71	0.33
APXVTM14-ALU-I20 w/ Mount Pipe	C	From Leg	4.00	0.00	150.00	No Ice	4.09	0.08
			0.00			1/2"	4.48	0.13
			0.00			Ice	4.88	0.19
						1" Ice	5.71	0.33
FZHN	A	From Leg	4.00	0.00	150.00	No Ice	2.02	0.04
			0.00			1/2"	2.20	0.06
			0.00			Ice	2.38	0.07
						1" Ice	2.77	0.12
FZHN	B	From Leg	4.00	0.00	150.00	No Ice	2.02	0.04
			0.00			1/2"	2.20	0.06
			0.00			Ice	2.38	0.07
						1" Ice	2.77	0.12

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft	C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
FZHN	C	From Leg	4.00	0.00	150.00	2.77	1" Ice	1.09
			4.00				2" Ice	0.12
			0.00				No Ice	0.04
			0.00				1/2" Ice	0.06
PCS 1900MHz 4x45W- 65MHz	A	From Leg	4.00	0.00	150.00	2.32	1" Ice	0.07
			4.00				2" Ice	0.12
			0.00				No Ice	0.06
			0.00				1/2" Ice	0.08
PCS 1900MHz 4x45W- 65MHz	B	From Leg	4.00	0.00	150.00	2.74	1" Ice	0.11
			4.00				2" Ice	0.17
			0.00				No Ice	0.06
			0.00				1/2" Ice	0.08
PCS 1900MHz 4x45W- 65MHz	C	From Leg	4.00	0.00	150.00	2.74	1" Ice	0.11
			4.00				2" Ice	0.17
			0.00				No Ice	0.06
			0.00				1/2" Ice	0.08
(2) RRRH2X50-800	A	From Leg	4.00	0.00	150.00	2.40	1" Ice	0.11
			4.00				2" Ice	0.17
			0.00				No Ice	0.05
			0.00				1/2" Ice	0.07
(2) RRRH2X50-800	B	From Leg	4.00	0.00	150.00	2.03	1" Ice	0.09
			4.00				2" Ice	0.14
			0.00				No Ice	0.05
			0.00				1/2" Ice	0.07
(2) RRRH2X50-800	C	From Leg	4.00	0.00	150.00	2.40	1" Ice	0.09
			4.00				2" Ice	0.14
			0.00				No Ice	0.05
			0.00				1/2" Ice	0.07
(2) 2.375" OD x 6' Mount Pipe	A	From Leg	4.00	0.00	150.00	2.40	1" Ice	0.09
			4.00				2" Ice	0.14
			0.00				No Ice	0.03
			0.00				1/2" Ice	0.04
(2) 2.375" OD x 6' Mount Pipe	B	From Leg	4.00	0.00	150.00	3.06	1" Ice	0.05
			4.00				2" Ice	0.09
			0.00				No Ice	0.03
			0.00				1/2" Ice	0.04
(2) 2.375" OD x 6' Mount Pipe	C	From Leg	4.00	0.00	150.00	3.06	1" Ice	0.05
			4.00				2" Ice	0.09
			0.00				No Ice	0.03
			0.00				1/2" Ice	0.04
8-ft Ladder	C	From Leg	2.00	0.00	150.00	7.07	1" Ice	0.05
			2.00				2" Ice	0.09
			0.00				No Ice	0.04
			-2.00				1/2" Ice	0.07
Platform Mount [LP 602-1]	C	None	4.00	0.00	150.00	13.98	1" Ice	0.08
			4.00				2" Ice	0.11
			0.00				No Ice	1.34
			0.00				1/2" Ice	1.97
CO-40A	A	From Leg	4.00	30.00	148.00	2.76	1" Ice	2.67
			4.00				2" Ice	4.31
			0.00				No Ice	0.01
			0.00				1/2" Ice	0.03

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft	C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
ANT450F6	B	From Leg	15.00		1/2" Ice	4.93	4.93	0.05
					1" Ice	6.46	6.46	0.13
					2" Ice			
			4.00	10.00	No Ice	0.79	0.79	0.01
			0.00		1/2" Ice	1.01	1.01	0.02
CO-40A	C	From Leg	14.00		Ice	1.23	1.23	0.03
					1" Ice	1.72	1.72	0.05
			4.00	-30.00	2" Ice	2.76	2.76	0.01
			0.00		No Ice	3.84	3.84	0.03
			11.00		1/2" Ice	4.93	4.93	0.05
ANT450F6	C	From Leg			1" Ice	6.46	6.46	0.13
					2" Ice			
			4.00	60.00	No Ice	0.79	0.79	0.01
			0.00		1/2" Ice	1.01	1.01	0.02
			11.00		Ice	1.23	1.23	0.03
Side Arm Mount [SO 701-1]	A	From Leg			1" Ice	1.72	1.72	0.05
					2" Ice			
			1.50	30.00	No Ice	0.85	1.67	0.07
			0.00		1/2" Ice	1.14	2.34	0.08
			0.00		Ice	1.43	3.01	0.09
Side Arm Mount [SO 701-1]	B	From Leg			1" Ice	2.01	4.35	0.12
					2" Ice			
			1.50	10.00	No Ice	0.85	1.67	0.07
			0.00		1/2" Ice	1.14	2.34	0.08
			0.00		Ice	1.43	3.01	0.09
Side Arm Mount [SO 701-1]	C	From Leg			1" Ice	2.01	4.35	0.12
					2" Ice			
			1.50	60.00	No Ice	0.85	1.67	0.07
			0.00		1/2" Ice	1.14	2.34	0.08
			0.00		Ice	1.43	3.01	0.09
Side Arm Mount [SO 701-1]	C	From Leg			1" Ice	2.01	4.35	0.12
					2" Ice			
			1.50		No Ice	0.85	1.67	0.07
			0.00		1/2" Ice	1.14	2.34	0.08
			0.00		Ice	1.43	3.01	0.09

(2) LPA-80080-4CF-EDIN-0 w/ Mount Pipe	A	From Leg	4.00	0.00	No Ice	2.86	6.57	0.03
			0.00		1/2" Ice	3.22	7.19	0.08
			0.00		Ice	3.59	7.84	0.13
					1" Ice	4.34	9.17	0.25
					2" Ice			
(2) LPA-80080-4CF-EDIN-0 w/ Mount Pipe	B	From Leg	4.00	0.00	No Ice	2.86	6.57	0.03
			0.00		1/2" Ice	3.22	7.19	0.08
			0.00		Ice	3.59	7.84	0.13
					1" Ice	4.34	9.17	0.25
					2" Ice			
(2) LPA-80080-4CF-EDIN-0 w/ Mount Pipe	C	From Leg	4.00	0.00	No Ice	2.86	6.57	0.03
			0.00		1/2" Ice	3.22	7.19	0.08
			0.00		Ice	3.59	7.84	0.13
					1" Ice	4.34	9.17	0.25
					2" Ice			
(2) MX06FRO660-03 w/ Mount Pipe	A	From Leg	4.00	0.00	No Ice	2.86	6.57	0.03
			0.00		1/2" Ice	3.22	7.19	0.08
			0.00		Ice	3.59	7.84	0.13
					1" Ice	4.34	9.17	0.25
					2" Ice			
(2) MX06FRO660-03 w/ Mount Pipe	A	From Leg	4.00	0.00	No Ice	6.54	5.55	0.10
			0.00		1/2" Ice	7.06	6.05	0.18
			0.00		Ice	7.60	6.57	0.28
					1" Ice	8.70	7.65	0.50
					2" Ice			
(2) MX06FRO660-03 w/ Mount Pipe	B	From Leg	4.00	0.00	No Ice	6.54	5.55	0.10
			0.00		1/2" Ice	7.06	6.05	0.18
			0.00		Ice	7.60	6.57	0.28
					1" Ice	8.70	7.65	0.50
					2" Ice			

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft	C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
(2) MX06FRO660-03 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	141.00	6.54 7.06 7.60 8.70	5.55 6.05 6.57 7.65	0.10 0.18 0.28 0.50
(2) RFV01U-D2A	A	From Leg	4.00 0.00 0.00	0.00	141.00	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	0.07 0.09 0.11 0.15
RFV01U-D2A	B	From Leg	4.00 0.00 0.00	0.00	141.00	1.88 2.05 2.22 2.60	1.01 1.14 1.28 1.59	0.07 0.09 0.11 0.15
RFV01U-D1A	B	From Leg	4.00 0.00 0.00	0.00	141.00	1.88 2.05 2.22 2.60	1.25 1.39 1.54 1.86	0.08 0.10 0.12 0.18
(2) RFV01U-D1A	C	From Leg	4.00 0.00 0.00	0.00	141.00	1.88 2.05 2.22 2.60	1.25 1.39 1.54 1.86	0.08 0.10 0.12 0.18
DB-B1-6C-12AB-0Z	A	From Leg	4.00 0.00 0.00	0.00	141.00	3.36 3.60 3.84 4.34	2.19 2.39 2.61 3.05	0.03 0.06 0.09 0.17
8-ft Ladder	C	From Leg	2.00 0.00 -2.00	0.00	141.00	7.07 9.73 11.19 13.98	7.07 9.73 11.19 13.98	0.04 0.07 0.08 0.11
Platform Mount [LP 602-1]	C	None		0.00	141.00	31.07 34.82 38.48 45.60	31.07 34.82 38.48 45.60	1.34 1.97 2.67 4.31
(2) 2.375" OD x 6" Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	141.00	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.03 0.04 0.05 0.09
(2) 2.375" OD x 6" Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	141.00	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.03 0.04 0.05 0.09
(2) 2.375" OD x 6" Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	141.00	1.43 1.92 2.29 3.06	1.43 1.92 2.29 3.06	0.03 0.04 0.05 0.09
*** DC6-48-60-18-8F w/ Mount Pipe	A	From Leg	1.00 0.00 0.00	0.00	134.00	2.69 4.00 4.85 6.23	2.69 4.00 4.85 6.23	0.05 0.09 0.13 0.22
Side Arm Mount [SO 102- 3]	C	None		0.00	134.00	3.60 4.18 4.75	3.60 4.18 4.75	0.07 0.11 0.14

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft	C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K

7770.00 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	132.00		5.90	0.20
7770.00 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	132.00		5.90	0.20
7770.00 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	132.00		5.90	0.20
TPA65R-BU6D w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	132.00		5.90	0.20
TPA65R-BU6D w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	132.00		5.90	0.20
TPA65R-BU6D w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	132.00		5.90	0.20
DMP65R-BU6D w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	132.00		5.90	0.20
DMP65R-BU6D w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	132.00		5.90	0.20
DMP65R-BU6D w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	132.00		5.90	0.20
(2) LGP21401	A	From Leg	4.00 0.00 0.00	0.00	132.00		5.90	0.20
(2) LGP21401	B	From Leg	4.00 0.00 0.00	0.00	132.00		5.90	0.20
(2) LGP21401	C	From Leg	4.00 0.00 0.00	0.00	132.00		5.90	0.20
DC6-48-60-18-8F	A	From Leg	4.00 0.00	0.00	132.00		5.90	0.20

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft	C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
DC6-48-60-18-8F	B	From Leg	0.00		1/2" Ice	2.11	2.11	0.08
					1" Ice	2.57	2.57	0.14
					2" Ice			
			4.00	0.00	No Ice	1.21	1.21	0.03
			0.00		1/2" Ice	1.89	1.89	0.05
RRUS 4478 B14	A	From Leg	0.00		1" Ice	2.11	2.11	0.08
					2" Ice	2.57	2.57	0.14
					No Ice			
			4.00	0.00	No Ice	2.02	1.25	0.06
			0.00		1/2" Ice	2.20	1.40	0.08
RRUS 4478 B14	B	From Leg	0.00		Ice	2.39	1.55	0.10
					1" Ice	2.78	1.89	0.15
					2" Ice			
			4.00	0.00	No Ice	2.02	1.25	0.06
			0.00		1/2" Ice	2.20	1.40	0.08
RRUS 8843 B2/B66A	C	From Leg	0.00		Ice	2.39	1.55	0.10
					1" Ice	2.78	1.89	0.15
					2" Ice			
			4.00	0.00	No Ice	2.02	1.25	0.06
			0.00		1/2" Ice	2.20	1.40	0.08
RRUS 8843 B2/B66A	A	From Leg	0.00		Ice	2.39	1.55	0.10
					1" Ice	2.78	1.89	0.15
					2" Ice			
			4.00	0.00	No Ice	1.64	1.35	0.07
			0.00		1/2" Ice	1.80	1.50	0.09
RRUS 8843 B2/B66A	B	From Leg	0.00		Ice	1.97	1.65	0.11
					1" Ice	2.32	1.99	0.16
					2" Ice			
			4.00	0.00	No Ice	1.64	1.35	0.07
			0.00		1/2" Ice	1.80	1.50	0.09
RRUS 8843 B2/B66A	C	From Leg	0.00		Ice	1.97	1.65	0.11
					1" Ice	2.32	1.99	0.16
					2" Ice			
			4.00	0.00	No Ice	1.64	1.35	0.07
			0.00		1/2" Ice	1.80	1.50	0.09
RRUS 4449 B5/B12	A	From Leg	0.00		Ice	1.97	1.65	0.11
					1" Ice	2.32	1.99	0.16
					2" Ice			
			4.00	0.00	No Ice	1.97	1.41	0.07
			0.00		1/2" Ice	2.14	1.56	0.09
RRUS 4449 B5/B12	B	From Leg	0.00		Ice	2.33	1.73	0.11
					1" Ice	2.72	2.07	0.16
					2" Ice			
			4.00	0.00	No Ice	1.97	1.41	0.07
			0.00		1/2" Ice	2.14	1.56	0.09
RRUS 4449 B5/B12	C	From Leg	0.00		Ice	2.33	1.73	0.11
					1" Ice	2.72	2.07	0.16
					2" Ice			
			4.00	0.00	No Ice	1.97	1.41	0.07
			0.00		1/2" Ice	2.14	1.56	0.09
RRUS 32 B2	A	From Leg	0.00		Ice	2.33	1.73	0.11
					1" Ice	2.72	2.07	0.16
					2" Ice			
			4.00	0.00	No Ice	2.74	1.67	0.05
			0.00		1/2" Ice	2.96	1.86	0.07
RRUS 32 B2	B	From Leg	0.00		Ice	3.19	2.05	0.10
					1" Ice	3.68	2.46	0.16
					2" Ice			
			4.00	0.00	No Ice	2.74	1.67	0.05
			0.00		1/2" Ice	2.96	1.86	0.07
RRUS 32 B2	C	From Leg	0.00		Ice	3.19	2.05	0.10
					1" Ice	3.68	2.46	0.16
					2" Ice			
			4.00	0.00	No Ice	2.74	1.67	0.05
			0.00		1/2" Ice	2.96	1.86	0.07

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft	C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
2.375" OD x 6' Mount Pipe	A	From Leg	0.00	0.00	132.00	2.96	1.86	0.07
			0.00			3.19	2.05	0.10
						3.68	2.46	0.16
2.375" OD x 6' Mount Pipe	A	From Leg	4.00	0.00	132.00	1.43	1.43	0.03
			0.00			1.92	1.92	0.04
			0.00			2.29	2.29	0.05
						3.06	3.06	0.09
2.375" OD x 6' Mount Pipe	B	From Leg	4.00	0.00	132.00	1.43	1.43	0.03
			0.00			1.92	1.92	0.04
			0.00			2.29	2.29	0.05
						3.06	3.06	0.09
2.375" OD x 6' Mount Pipe	C	From Leg	4.00	0.00	132.00	1.43	1.43	0.03
			0.00			1.92	1.92	0.04
			0.00			2.29	2.29	0.05
						3.06	3.06	0.09
8-ft Ladder	C	From Leg	2.00	0.00	132.00	7.07	7.07	0.04
			0.00			9.73	9.73	0.07
			-2.00			11.19	11.19	0.08
						13.98	13.98	0.11
Platform Mount [LP 602-1]	C	None		0.00	132.00	31.07	31.07	1.34
						34.82	34.82	1.97
						38.48	38.48	2.67
						45.60	45.60	4.31
ANT450F6	A	From Leg	1.00	0.00	118.00	0.79	0.79	0.01
			0.00			1.01	1.01	0.02
			0.00			1.23	1.23	0.03
						1.72	1.72	0.05
ANT450Y7-WR	A	From Leg	1.00	54.00	118.00	0.42	0.42	0.01
			0.00			0.51	0.51	0.01
			0.00			0.61	0.61	0.03
						0.80	0.80	0.05
AIRMUX-400 w/ Mount Pipe	B	From Leg	1.00	-45.00	118.00	2.00	0.87	0.02
			0.00			2.23	1.11	0.03
			0.00			2.48	1.37	0.05
						3.00	1.95	0.11
Side Arm Mount [SO 102-1]	A	None		0.00	118.00	1.50	1.50	0.03
						1.74	1.74	0.04
						1.98	1.98	0.04
						2.46	2.46	0.07
Side Arm Mount [SO 102-1]	B	None		0.00	118.00	1.50	1.50	0.03
						1.74	1.74	0.04
						1.98	1.98	0.04
						2.46	2.46	0.07
(2) 2.375" OD x 5' Mount Pipe	A	From Leg	1.00	0.00	118.00	1.19	1.19	0.02
			0.00			1.50	1.50	0.03
			0.00			1.81	1.81	0.04
						2.46	2.46	0.08
2.375" OD x 5' Mount Pipe	B	From Leg	1.00	0.00	118.00	1.19	1.19	0.02
			0.00			1.50	1.50	0.03
			0.00			1.81	1.81	0.04
						2.46	2.46	0.08

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft	C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K	

(4) 7120.16 w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.95 6.66 7.33 8.73	0.03 0.08 0.13 0.26	
(4) 7120.16 w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.95 6.66 7.33 8.73	0.03 0.08 0.13 0.26	
(4) 7120.16 w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	5.95 6.66 7.33 8.73	0.03 0.08 0.13 0.26	
(2) GPS_A	A	From Leg	4.00 0.00 4.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.26 0.32 0.39 0.56	0.00 0.00 0.01 0.02	
Platform Mount [LP 602-1]	C	None		0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	31.07 34.82 38.48 45.60	1.34 1.97 2.67 4.31	
8-ft Ladder	C	From Leg	2.00 0.00 -2.00	0.00	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	7.07 9.73 11.19 13.98	0.04 0.07 0.08 0.11	

APXV18-206516S-C-A20 w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.00	106.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.55 2.96 3.38 4.26	0.04 0.07 0.11 0.21	
APXV18-206516S-C-A20 w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.00	106.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.55 2.96 3.38 4.26	0.04 0.07 0.11 0.21	
APXV18-206516S-C-A20 w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.00	106.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.55 2.96 3.38 4.26	0.04 0.07 0.11 0.21	
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.00	106.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 15.46 16.23 17.82	6.87 7.55 8.25 9.67	0.19 0.31 0.46 0.79
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.00	106.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 15.46 16.23 17.82	6.87 7.55 8.25 9.67	0.19 0.31 0.46 0.79
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.00	106.00	No Ice 1/2" Ice 1" Ice 2" Ice	14.69 15.46 16.23 17.82	6.87 7.55 8.25 9.67	0.19 0.31 0.46 0.79
KRY 112 489/2	A	From Leg	4.00 0.00 2.00	0.00	106.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.56 0.66 0.76	0.37 0.45 0.54	0.02 0.02 0.03

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft	C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
KRY 112 489/2	B	From Leg	4.00	0.00	106.00	1.00	0.75	0.05
			1" Ice					
			2" Ice					
			No Ice					
KRY 112 489/2	C	From Leg	0.00	0.00	106.00	0.56	0.37	0.02
			1/2"					
			Ice					
			2.00					
KRY 112 144/1	A	From Leg	4.00	0.00	106.00	1.00	0.75	0.05
			1" Ice					
			2" Ice					
			No Ice					
KRY 112 144/1	B	From Leg	0.00	0.00	106.00	0.56	0.37	0.02
			1/2"					
			Ice					
			2.00					
RADIO 4449 B12/B71	A	From Leg	4.00	0.00	106.00	1.00	0.75	0.03
			1" Ice					
			2" Ice					
			No Ice					
RADIO 4449 B12/B71	B	From Leg	0.00	0.00	106.00	0.35	0.17	0.01
			0.00					
			2.00					
			1" Ice					
RADIO 4449 B12/B71	C	From Leg	4.00	0.00	106.00	0.43	0.23	0.01
			0.00					
			2.00					
			1" Ice					
(2) 2.375" OD x 6' Mount Pipe	A	From Leg	4.00	0.00	106.00	0.51	0.30	0.02
			0.00					
			2.00					
			1" Ice					
(2) 2.375" OD x 6' Mount Pipe	B	From Leg	4.00	0.00	106.00	0.70	0.46	0.03
			0.00					
			2.00					
			1" Ice					
(2) 2.375" OD x 6' Mount Pipe	C	From Leg	4.00	0.00	106.00	0.35	0.17	0.01
			0.00					
			2.00					
			1" Ice					
8-ft Ladder	C	From Leg	4.00	0.00	106.00	0.43	0.23	0.01
			0.00					
			2.00					
			-2.00					
Platform Mount [LP 602-1]	C	None	4.00	0.00	106.00	1.43	1.43	0.03
			0.00					
			0.00					
			0.00					
APXV18-206517LS w/ Mount Pipe	A	From Leg	4.00	0.00	96.00	1.43	1.43	0.03
			0.00					
			2.00					
			0.00					

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft	C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
APXV18-206517LS w/ Mount Pipe	B	From Leg	0.00		1/2" Ice	4.93	4.28	0.14
					1" Ice	6.13	5.46	0.27
					2" Ice			
			2.00	0.00	No Ice	3.79	3.15	0.05
			0.00		1/2" Ice	4.35	3.71	0.09
APXV18-206517LS w/ Mount Pipe	C	From Leg	0.00		1" Ice	4.93	4.28	0.14
					2" Ice	6.13	5.46	0.27
			2.00	0.00	No Ice	3.79	3.15	0.05
			0.00		1/2" Ice	4.35	3.71	0.09
			0.00		1" Ice	4.93	4.28	0.14
Side Arm Mount [SO 104- 3]	C	None		0.00	1" Ice	6.13	5.46	0.27
					2" Ice			
			2.00	0.00	No Ice	3.79	3.15	0.05
			0.00		1/2" Ice	4.35	3.71	0.09
			0.00		1" Ice	4.93	4.28	0.14
*** GPS_A	B	From Leg		0.00	2" Ice			
			2.00		No Ice	2.62	2.62	0.29
			0.00		1/2" Ice	3.30	3.30	0.41
			0.00		1" Ice	3.98	3.98	0.53
					2" Ice	5.35	5.35	0.77
Side Arm Mount [SO 701- 1]	B	From Leg	1.00	0.00	No Ice	0.85	1.67	0.07
			0.00		1/2" Ice	1.14	2.34	0.08
			0.00		1" Ice	1.43	3.01	0.09
					2" Ice	2.01	4.35	0.12

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft	Aperture Area ft ²	Weight K
*										

Tower Pressures - No Ice

$$G_H = 1.100$$

Section Elevation ft	z ft	K _z	q _z psf	A _G ft ²	F a c e	A _F ft ²	A _R ft ²	A _{leg} ft ²	Leg %	C _A A _A In Face ft ²	C _A A _A Out Face ft ²
L1 150.00- 122.92	135.75	1.078	41.57	57.027	A	0.000	57.027	57.027	100.00	6.310	0.000
L2 122.92- 84.26	102.80	0.996	38.33	110.96 3	B C	0.000 0.000	57.027		100.00	0.000	0.000
L3 84.26- 41.55	62.46	0.864	33.12	161.94 2	A B C	0.000 0.000 0.000	110.963 110.963 110.963	110.963	100.00	19.304	0.000
L4 41.55-0.00	20.09	0.7	27.11	196.82 3	A B C	0.000 0.000 0.000	161.942 161.942 196.823	161.942	100.00	21.327	0.000
								196.823	100.00	16.662	0.000
									100.00	0.000	0.000
									100.00	20.748	0.000
									100.00	16.786	0.000
									100.00	0.000	0.000

Tower Pressure - With Ice

$G_H = 1.100$

Section Elevation ft	z ft	K _z	q _z psf	t _z in	A _G ft ²	F a c e	A _F ft ²	A _R ft ²	A _{leg} ft ²	Leg %	C _A A _A In Face ft ²	C _A A _A Out Face ft ²
L1 150.00- 122.92	135.75	1.078	6.15	1.4687	63.656	A	0.000	63.656	63.656	100.00	21.226	0.000
						B	0.000	63.656	63.656	100.00	0.000	0.000
						C	0.000	63.656	63.656	100.00	0.000	0.000
L2 122.92- 84.26	102.80	0.996	5.67	1.4284	120.427	A	0.000	120.427	120.427	100.00	62.804	0.000
						B	0.000	120.427	120.427	100.00	36.419	0.000
						C	0.000	120.427	120.427	100.00	0.000	0.000
L3 84.26-41.55	62.46	0.864	4.90	1.3590	172.110	A	0.000	172.110	172.110	100.00	68.179	0.000
						B	0.000	172.110	172.110	100.00	57.025	0.000
						C	0.000	172.110	172.110	100.00	0.000	0.000
L4 41.55-0.00	20.09	0.7	4.01	1.2133	206.234	A	0.000	206.234	206.234	100.00	64.308	0.000
						B	0.000	206.234	206.234	100.00	56.751	0.000
						C	0.000	206.234	206.234	100.00	0.000	0.000

Tower Pressure - Service

$G_H = 1.100$

Section Elevation ft	z ft	K _z	q _z psf	A _G ft ²	F a c e	A _F ft ²	A _R ft ²	A _{leg} ft ²	Leg %	C _A A _A In Face ft ²	C _A A _A Out Face ft ²
L1 150.00- 122.92	135.75	1.078	8.34	57.027	A	0.000	57.027	57.027	100.00	6.310	0.000
					B	0.000	57.027	57.027	100.00	0.000	0.000
					C	0.000	57.027	57.027	100.00	0.000	0.000
L2 122.92- 84.26	102.80	0.996	7.69	110.96	A	0.000	110.963	110.963	100.00	19.304	0.000
					B	0.000	110.963	110.963	100.00	11.472	0.000
					C	0.000	110.963	110.963	100.00	0.000	0.000
L3 84.26- 41.55	62.46	0.864	6.64	161.94	A	0.000	161.942	161.942	100.00	21.327	0.000
					B	0.000	161.942	161.942	100.00	16.662	0.000
					C	0.000	161.942	161.942	100.00	0.000	0.000
L4 41.55-0.00	20.09	0.7	5.44	196.82	A	0.000	196.823	196.823	100.00	20.748	0.000
					B	0.000	196.823	196.823	100.00	16.786	0.000
					C	0.000	196.823	196.823	100.00	0.000	0.000

Load Combinations

Comb. No.	Description
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1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice

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

Maximum Member Forces

Sectio n No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	150 - 122.92	Pole	Max Tension Max. Compression Max. Mx Max. My Max. Vy Max. Vx	1 26 20 2 20 2	0.00 -30.49 -11.59 -11.59 -18.06 -18.11	0.00 1.31 242.58 0.35 242.58 0.35	0.00 0.75 0.03 242.65 0.03 242.65
L2	122.92 - 84.26	Pole	Max. Torque Max Tension	15 1	0.00	0.00	-2.96 0.00
L3	84.26 - 41.55	Pole	Max. Compression Max. Mx Max. My Max. Vy Max. Vx Max. Torque Max Tension	26 20 2 20 2 25 1	-56.72 -25.02 -25.02 -29.73 -29.74 0.00	1.98 1158.23 0.42 1158.23 0.42 0.00	1.76 -0.08 1158.74 -0.08 1158.74 4.63 0.00
L4	41.55 - 0	Pole	Max. Compression Max. Mx Max. My Max. Vy Max. Vx Max. Torque Max Tension Max. Compression Max. Mx Max. My Max. Vy Max. Vx Max. Torque	26 20 2 20 2 25 1 26 20 2 20 2 13	-74.81 -39.03 -39.03 -33.57 -33.59 0.00 -102.60 -61.59 -61.59 -37.70 -37.72	1.97 2466.91 -0.18 2466.91 -0.18 0.00 2.35 4195.34 -0.92 4195.34 -0.92	2.83 -0.67 2468.19 -0.67 2468.19 4.62 0.00 4.64 -1.38 4197.72 -1.38 4197.72 -4.51

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	102.60	-0.00	-0.00
	Max. H _x	21	46.21	37.67	-0.02
	Max. H _z	3	46.21	-0.02	37.69
	Max. M _x	2	4197.72	-0.02	37.69
	Max. M _z	8	4193.00	-37.67	0.02
	Max. Torsion	25	4.51	18.82	32.63
	Min. Vert	21	46.21	37.67	-0.02
	Min. H _x	9	46.21	-37.67	0.02
	Min. H _z	15	46.21	0.02	-37.69
	Min. M _x	14	-4196.36	0.02	-37.69
	Min. M _z	20	-4195.34	37.67	-0.02
	Min. Torsion	13	-4.51	-18.82	-32.63

Tower Mast Reaction Summary

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
Dead Only	51.34	-0.00	-0.00	-0.55	0.93	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	61.61	0.02	-37.69	-4197.72	-0.92	-4.31
0.9 Dead+1.0 Wind 0 deg - No Ice	46.21	0.02	-37.69	-4164.10	-1.21	-4.31
1.2 Dead+1.0 Wind 30 deg - No Ice	61.61	18.86	-32.65	-3636.55	-2097.91	-2.96
0.9 Dead+1.0 Wind 30 deg - No Ice	46.21	18.86	-32.65	-3607.38	-2081.47	-2.96
1.2 Dead+1.0 Wind 60 deg - No Ice	61.61	32.64	-18.87	-2101.05	-3632.46	-0.81
0.9 Dead+1.0 Wind 60 deg - No Ice	46.21	32.64	-18.87	-2084.13	-3603.77	-0.81
1.2 Dead+1.0 Wind 90 deg - No Ice	61.61	37.67	-0.02	-2.76	-4193.00	1.55
0.9 Dead+1.0 Wind 90 deg - No Ice	46.21	37.67	-0.02	-2.57	-4159.97	1.55
1.2 Dead+1.0 Wind 120 deg - No Ice	61.61	32.61	18.83	2096.09	-3630.40	3.50
0.9 Dead+1.0 Wind 120 deg - No Ice	46.21	32.61	18.83	2079.54	-3601.72	3.50
1.2 Dead+1.0 Wind 150 deg - No Ice	61.61	18.82	32.63	3633.12	-2094.33	4.51
0.9 Dead+1.0 Wind 150 deg - No Ice	46.21	18.82	32.63	3604.31	-2077.91	4.51
1.2 Dead+1.0 Wind 180 deg - No Ice	61.61	-0.02	37.69	4196.36	3.22	4.31
0.9 Dead+1.0 Wind 180 deg - No Ice	46.21	-0.02	37.69	4163.09	2.91	4.31
1.2 Dead+1.0 Wind 210 deg - No Ice	61.61	-18.86	32.65	3635.21	2100.22	2.96
0.9 Dead+1.0 Wind 210 deg - No Ice	46.21	-18.86	32.65	3606.38	2083.18	2.96
1.2 Dead+1.0 Wind 240 deg - No Ice	61.61	-32.64	18.87	2099.70	3634.79	0.81
0.9 Dead+1.0 Wind 240 deg - No Ice	46.21	-32.64	18.87	2083.12	3605.50	0.81
1.2 Dead+1.0 Wind 270 deg - No Ice	61.61	-37.67	0.02	1.38	4195.34	-1.55
0.9 Dead+1.0 Wind 270 deg - No Ice	46.21	-37.67	0.02	1.55	4161.70	-1.55
1.2 Dead+1.0 Wind 300 deg - No Ice	61.61	-32.61	-18.83	-2097.48	3632.71	-3.50
0.9 Dead+1.0 Wind 300 deg - No Ice	46.21	-32.61	-18.83	-2080.58	3603.44	-3.50
1.2 Dead+1.0 Wind 330 deg - No Ice	61.61	-18.82	-32.63	-3634.50	2096.63	-4.51

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
0.9 Dead+1.0 Wind 330 deg	46.21	-18.82	-32.63	-3605.34	2079.61	-4.51
- No Ice						
1.2 Dead+1.0 Ice+1.0 Temp	102.60	0.00	0.00	-4.64	2.35	-0.00
1.2 Dead+1.0 Wind 0	102.60	0.01	-9.10	-1039.63	2.10	-1.12
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 30	102.60	4.55	-7.88	-901.27	-514.77	-0.78
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 60	102.60	7.88	-4.55	-522.76	-893.01	-0.24
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 90	102.60	9.09	-0.01	-5.51	-1031.26	0.37
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 120	102.60	7.87	4.54	511.88	-892.49	0.88
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 150	102.60	4.54	7.88	890.78	-513.87	1.15
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 180	102.60	-0.01	9.10	1029.66	3.14	1.12
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 210	102.60	-4.55	7.88	891.30	520.01	0.78
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 240	102.60	-7.88	4.55	512.78	898.25	0.24
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 270	102.60	-9.09	0.01	-4.47	1036.51	-0.37
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 300	102.60	-7.87	-4.54	-521.86	897.73	-0.88
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 330	102.60	-4.54	-7.88	-900.76	519.11	-1.15
deg+1.0 Ice+1.0 Temp						
Dead+Wind 0 deg - Service	51.34	0.00	-7.56	-838.69	0.56	-0.87
Dead+Wind 30 deg - Service	51.34	3.78	-6.55	-726.61	-418.19	-0.60
Dead+Wind 60 deg - Service	51.34	6.55	-3.78	-419.98	-724.62	-0.16
Dead+Wind 90 deg - Service	51.34	7.56	-0.00	-0.98	-836.63	0.31
Dead+Wind 120 deg - Service	51.34	6.54	3.78	418.14	-724.21	0.71
Dead+Wind 150 deg - Service	51.34	3.78	6.55	725.06	-417.47	0.91
Dead+Wind 180 deg - Service	51.34	-0.00	7.56	837.56	1.38	0.87
Dead+Wind 210 deg - Service	51.34	-3.78	6.55	725.48	420.13	0.60
Dead+Wind 240 deg - Service	51.34	-6.55	3.78	418.86	726.56	0.16
Dead+Wind 270 deg - Service	51.34	-7.56	0.00	-0.15	838.57	-0.31
Dead+Wind 300 deg - Service	51.34	-6.54	-3.78	-419.27	726.15	-0.71
Dead+Wind 330 deg - Service	51.34	-3.78	-6.55	-726.19	419.41	-0.91

Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
1	0.00	-51.34	0.00	0.00	51.34	0.00	0.000%
2	0.02	-61.61	-37.69	-0.02	61.61	37.69	0.001%
3	0.02	-46.21	-37.69	-0.02	46.21	37.69	0.001%
4	18.86	-61.61	-32.65	-18.86	61.61	32.65	0.000%
5	18.86	-46.21	-32.65	-18.86	46.21	32.65	0.000%
6	32.64	-61.61	-18.87	-32.64	61.61	18.87	0.000%
7	32.64	-46.21	-18.87	-32.64	46.21	18.87	0.000%
8	37.67	-61.61	-0.02	-37.67	61.61	0.02	0.004%
9	37.67	-46.21	-0.02	-37.67	46.21	0.02	0.003%
10	32.61	-61.61	18.83	-32.61	61.61	-18.83	0.000%
11	32.61	-46.21	18.83	-32.61	46.21	-18.83	0.000%
12	18.82	-61.61	32.63	-18.82	61.61	-32.63	0.000%
13	18.82	-46.21	32.63	-18.82	46.21	-32.63	0.000%
14	-0.02	-61.61	37.69	0.02	61.61	-37.69	0.001%
15	-0.02	-46.21	37.69	0.02	46.21	-37.69	0.001%

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
16	-18.86	-61.61	32.65	18.86	61.61	-32.65	0.000%
17	-18.86	-46.21	32.65	18.86	46.21	-32.65	0.000%
18	-32.64	-61.61	18.87	32.64	61.61	-18.87	0.000%
19	-32.64	-46.21	18.87	32.64	46.21	-18.87	0.000%
20	-37.67	-61.61	0.02	37.67	61.61	-0.02	0.004%
21	-37.67	-46.21	0.02	37.67	46.21	-0.02	0.003%
22	-32.61	-61.61	-18.83	32.61	61.61	18.83	0.000%
23	-32.61	-46.21	-18.83	32.61	46.21	18.83	0.000%
24	-18.82	-61.61	-32.63	18.82	61.61	32.63	0.000%
25	-18.82	-46.21	-32.63	18.82	46.21	32.63	0.000%
26	0.00	-102.60	0.00	-0.00	102.60	-0.00	0.001%
27	0.01	-102.60	-9.10	-0.01	102.60	9.10	0.001%
28	4.55	-102.60	-7.88	-4.55	102.60	7.88	0.001%
29	7.88	-102.60	-4.55	-7.88	102.60	4.55	0.001%
30	9.09	-102.60	-0.01	-9.09	102.60	0.01	0.001%
31	7.87	-102.60	4.54	-7.87	102.60	-4.54	0.001%
32	4.54	-102.60	7.88	-4.54	102.60	-7.88	0.001%
33	-0.01	-102.60	9.10	0.01	102.60	-9.10	0.001%
34	-4.55	-102.60	7.88	4.55	102.60	-7.88	0.001%
35	-7.88	-102.60	4.55	7.88	102.60	-4.55	0.001%
36	-9.09	-102.60	0.01	9.09	102.60	-0.01	0.001%
37	-7.87	-102.60	-4.54	7.87	102.60	4.54	0.001%
38	-4.54	-102.60	-7.88	4.54	102.60	7.88	0.001%
39	0.00	-51.34	-7.56	-0.00	51.34	7.56	0.001%
40	3.78	-51.34	-6.55	-3.78	51.34	6.55	0.001%
41	6.55	-51.34	-3.78	-6.55	51.34	3.78	0.001%
42	7.56	-51.34	-0.00	-7.56	51.34	0.00	0.001%
43	6.54	-51.34	3.78	-6.54	51.34	-3.78	0.001%
44	3.78	-51.34	6.55	-3.78	51.34	-6.55	0.001%
45	-0.00	-51.34	7.56	0.00	51.34	-7.56	0.001%
46	-3.78	-51.34	6.55	3.78	51.34	-6.55	0.001%
47	-6.55	-51.34	3.78	6.55	51.34	-3.78	0.001%
48	-7.56	-51.34	0.00	7.56	51.34	-0.00	0.001%
49	-6.54	-51.34	-3.78	6.54	51.34	3.78	0.001%
50	-3.78	-51.34	-6.55	3.78	51.34	6.55	0.001%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	6	0.00000001	0.00000001
2	Yes	13	0.00000001	0.00010984
3	Yes	13	0.00000001	0.00008947
4	Yes	15	0.00000001	0.00007762
5	Yes	15	0.00000001	0.00005867
6	Yes	15	0.00000001	0.00008338
7	Yes	15	0.00000001	0.00006316
8	Yes	12	0.00006665	0.00012226
9	Yes	12	0.00004549	0.00010405
10	Yes	15	0.00000001	0.00008710
11	Yes	15	0.00000001	0.00006610
12	Yes	15	0.00000001	0.00007589
13	Yes	15	0.00000001	0.00005735
14	Yes	13	0.00000001	0.00011102
15	Yes	13	0.00000001	0.00009040
16	Yes	15	0.00000001	0.00008705
17	Yes	15	0.00000001	0.00006601
18	Yes	15	0.00000001	0.00008049
19	Yes	15	0.00000001	0.00006087
20	Yes	12	0.00006664	0.00012455
21	Yes	12	0.00004548	0.00010584
22	Yes	15	0.00000001	0.00007735
23	Yes	15	0.00000001	0.00005843
24	Yes	15	0.00000001	0.00008937
25	Yes	15	0.00000001	0.00006783
26	Yes	6	0.00000001	0.00001267
27	Yes	13	0.00000001	0.00008842
28	Yes	13	0.00000001	0.00010235
29	Yes	13	0.00000001	0.00010326
30	Yes	13	0.00000001	0.00008639
31	Yes	13	0.00000001	0.00010316
32	Yes	13	0.00000001	0.00010120
33	Yes	13	0.00000001	0.00008744
34	Yes	13	0.00000001	0.00010424
35	Yes	13	0.00000001	0.00010247
36	Yes	13	0.00000001	0.00008725
37	Yes	13	0.00000001	0.00010325
38	Yes	13	0.00000001	0.00010617
39	Yes	12	0.00000001	0.00002736
40	Yes	12	0.00000001	0.00001898
41	Yes	12	0.00000001	0.00002241
42	Yes	12	0.00000001	0.00002390
43	Yes	12	0.00000001	0.00002703
44	Yes	12	0.00000001	0.00001959
45	Yes	12	0.00000001	0.00002735
46	Yes	12	0.00000001	0.00002665
47	Yes	12	0.00000001	0.00001987
48	Yes	12	0.00000001	0.00002400
49	Yes	12	0.00000001	0.00001905
50	Yes	12	0.00000001	0.00002980

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 122.92	14.38	48	0.90	0.01
L2	127.09 - 84.26	10.23	48	0.80	0.00
L3	89.76 - 41.55	4.88	47	0.54	0.00
L4	48.46 - 0	1.35	47	0.26	0.00

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
150.00	NNVV-65B-R4 w/ Mount Pipe	48	14.38	0.90	0.01	38876
148.00	CO-40A	48	14.01	0.89	0.01	38876
141.00	(2) LPA-80080-4CF-EDIN-0 w/ Mount Pipe	48	12.71	0.86	0.01	21597
134.00	DC6-48-60-18-8F w/ Mount Pipe	48	11.44	0.83	0.00	12148
132.00	7770.00 w/ Mount Pipe	48	11.09	0.82	0.00	10798
118.00	ANT450F6	47	8.75	0.74	0.00	8422
116.00	(4) 7120.16 w/ Mount Pipe	47	8.44	0.73	0.00	8408
106.00	APXV18-206516S-C-A20 w/ Mount Pipe	47	6.96	0.66	0.00	8341
96.00	APXV18-206517LS w/ Mount Pipe	47	5.64	0.59	0.00	8275
75.00	GPS_A	47	3.32	0.44	0.00	7971

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 122.92	71.97	2	4.49	0.03
L2	127.09 - 84.26	51.25	2	3.99	0.02
L3	89.76 - 41.55	24.44	2	2.73	0.01
L4	48.46 - 0	6.76	16	1.30	0.00

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
150.00	NNVV-65B-R4 w/ Mount Pipe	2	71.97	4.49	0.03	7904
148.00	CO-40A	2	70.10	4.45	0.03	7904
141.00	(2) LPA-80080-4CF-EDIN-0 w/ Mount Pipe	2	63.62	4.31	0.03	4390
134.00	DC6-48-60-18-8F w/ Mount Pipe	2	57.28	4.16	0.02	2468
132.00	7770.00 w/ Mount Pipe	2	55.51	4.11	0.02	2194
118.00	ANT450F6	2	43.81	3.73	0.01	1704
116.00	(4) 7120.16 w/ Mount Pipe	2	42.25	3.66	0.01	1700
106.00	APXV18-206516S-C-A20 w/ Mount Pipe	2	34.88	3.32	0.01	1681
96.00	APXV18-206517LS w/ Mount Pipe	2	28.23	2.96	0.01	1661
75.00	GPS_A	16	16.64	2.19	0.01	1595

Compression Checks Pole Design Data

Section No.	Elevation ft	Size	L ft	L _u ft	K/lr	A in ²	P _u K	φP _n K	Ratio P _u φP _n
L1	150 - 122.92 (1)	TP28.83x21x0.1875	27.08	0.00	0.0	16.328 ³	-11.59	955.21	0.012
L2	122.92 - 84.26 (2)	TP39.51x27.2493x0.375	42.83	0.00	0.0	44.706 ⁴	-25.02	2615.33	0.010
L3	84.26 - 41.55 (3)	TP50.99x37.1855x0.4375	48.21	0.00	0.0	67.450 ⁹	-39.03	3945.88	0.010
L4	41.55 - 0 (4)	TP62x48.1364x0.5	48.46	0.00	0.0	97.600 ⁵	-61.59	5709.63	0.011

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{rx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{rx}}$	M_{uy} kip-ft	ϕM_{ry} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ry}}$
L1	150 - 122.92 (1)	TP28.83x21x0.1875	242.77	597.04	0.407	0.00	597.04	0.000
L2	122.92 - 84.26 (2)	TP39.51x27.2493x0.375	1158.73	2527.26	0.458	0.00	2527.26	0.000
L3	84.26 - 41.55 (3)	TP50.99x37.1855x0.4375	2468.55	4799.61	0.514	0.00	4799.61	0.000
L4	41.55 - 0 (4)	TP62x48.1364x0.5	4198.31	8525.50	0.492	0.00	8525.50	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	150 - 122.92 (1)	TP28.83x21x0.1875	18.10	286.56	0.063	2.91	688.54	0.004
L2	122.92 - 84.26 (2)	TP39.51x27.2493x0.375	29.74	773.58	0.038	4.50	2580.82	0.002
L3	84.26 - 41.55 (3)	TP50.99x37.1855x0.4375	33.60	1183.76	0.028	2.96	5035.56	0.001
L4	41.55 - 0 (4)	TP62x48.1364x0.5	37.74	1712.89	0.022	2.96	9225.42	0.000

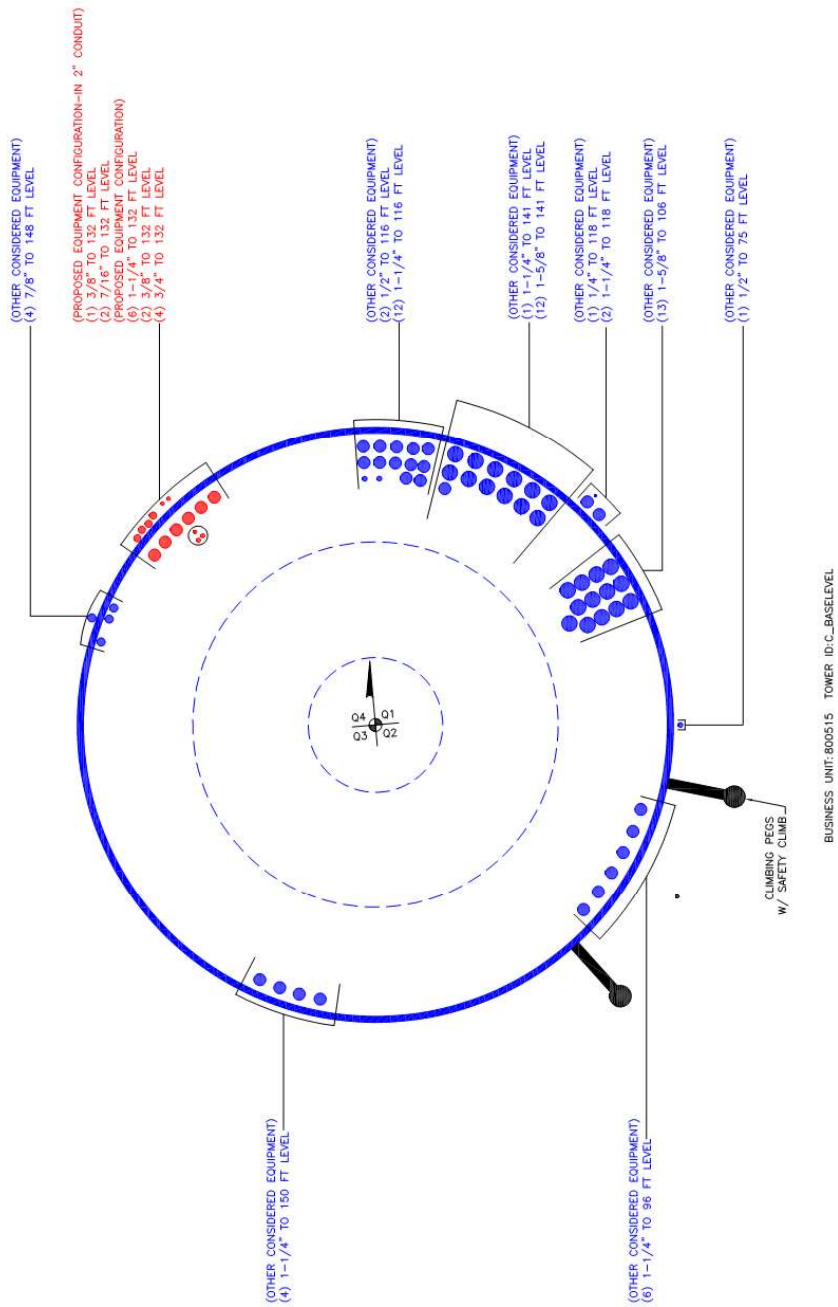
Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{rx}}$	Ratio $\frac{M_{uy}}{\phi M_{ry}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	150 - 122.92 (1)	0.012	0.407	0.000	0.063	0.004	0.423	1.050	4.8.2
L2	122.92 - 84.26 (2)	0.010	0.458	0.000	0.038	0.002	0.470	1.050	4.8.2
L3	84.26 - 41.55 (3)	0.010	0.514	0.000	0.028	0.001	0.525	1.050	4.8.2
L4	41.55 - 0 (4)	0.011	0.492	0.000	0.022	0.000	0.504	1.050	4.8.2

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	150 - 122.92	Pole	TP28.83x21x0.1875	1	-11.59	1002.97	40.3	Pass
L2	122.92 - 84.26	Pole	TP39.51x27.2493x0.375	2	-25.02	2746.10	44.7	Pass
L3	84.26 - 41.55	Pole	TP50.99x37.1855x0.4375	3	-39.03	4143.17	50.0	Pass
L4	41.55 - 0	Pole	TP62x48.1364x0.5	4	-61.59	5995.11	48.0	Pass
Summary								
					Pole (L3)	50.0		Pass
					RATING =	50.0		Pass

APPENDIX B
BASE LEVEL DRAWING



APPENDIX C

ADDITIONAL CALCULATIONS

Monopole Base Plate Connection

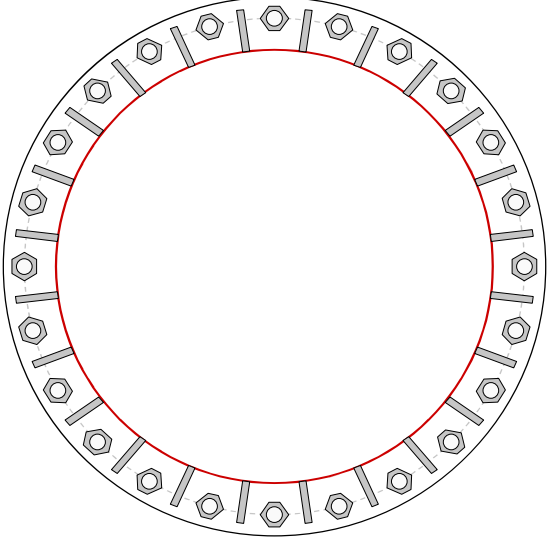


Site Info	
BU #	800515
Site Name	T CHESTER CAC 80051
Order #	511830 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
I_{gr} (in)	0.5

Applied Loads	
Moment (kip-ft)	4198.30
Axial Force (kips)	61.59
Shear Force (kips)	37.74

*TIA-222-H Section 15.5 Applied



Connection Properties

Anchor Rod Data

(24) 2-1/4" ϕ bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 71" BC

Base Plate Data

77" OD x 2.25" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

(24) 16"H x 6"W x 1" T, Notch: 1"
plate: Fy= 70 ksi ; weld: Fy= 70 ksi
horiz. weld: 0.5" groove, 45° dbl bevel FALSE
vert. weld: 0.5" fillet

Pole Data

62" x 0.5" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Anchor Rod Summary	(units of kips, kip-in)	
Pu_c = 120.78	ϕPn_c = 268.39	Stress Rating
Vu = 1.57	ϕVn = 120.77	42.9%
Mu = n/a	ϕMn = n/a	Pass

Base Plate Summary

Max Stress (ksi):	18.7	(Roark's Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	33.0%	Pass

Stiffener Summary

Horizontal Weld:	25.0%	Pass
Vertical Weld:	25.1%	Pass
Plate Flexure+Shear:	6.0%	Pass
Plate Tension+Shear:	24.0%	Pass
Plate Compression:	25.9%	Pass

Pole Summary

Punching Shear:	7.5%	Pass
-----------------	-------------	-------------

Pier and Pad Foundation

BU # :	800515
Site Name:	CT CHESTER CAC
App. Number:	517068 Rev. 0



TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp} :	62	kips
Base Shear, V_u , comp:	38	kips
Moment, M_u :	4 198	ft-kips
Tower Height, H :	150	ft
BP Dist. Above Fdn, bp_{dist} :	2.75	in

Pier Properties	
Pier Shape:	Circular
Pier Diameter, d_{pier} :	7.5 ft
Ext. Above Grade, E :	0.5 ft
Pier Rebar Size, S_c :	8
Pier Rebar Quantity, m_c :	51
Pier Tie/Spiral Size, S_t :	4
Pier Tie/Spiral Quantity, m_t :	8
Pier Reinforcement Type:	Tie
Pier Clear Cover, c_{pier} :	3 in

Pad Properties		
Depth, D :	5.2	ft
Pad Width, W :	28	ft
Pad Thickness, T :	3	ft
Pad Rebar Size (Bottom), S_p :	8	
Pad Rebar Quantity (Bottom), mp :	24	
Pad Clear Cover, cc_{pad} :	3	in

Material Properties		
Rebar Grade, F_y :	60	ksi
Concrete Compressive Strength, F'_c :	4	ksi
Dry Concrete Density, δ_c :	150	pcf

Soil Properties	
Total Soil Unit Weight, γ :	165 pcf
Ultimate Gross Bearing, Q_{ult} :	40,000 ksf
Cohesion, C_u :	0.000 ksf
Friction Angle, ϕ :	30 degrees
SPT Blow Count, N_{blows} :	
Base Friction, μ :	
Neglected Depth, N :	3.75 ft
Foundation Bearing on Rock?	Yes
Groundwater Depth, g_w :	N/A ft

Foundation Analysis Checks

	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	237.19	38.00	15.3%	Pass
Bearing Pressure (ksf)	30.00	2.82	8.9%	Pass
Overturning (kip*ft)	8685.00	4423.31	50.9%	Pass
Pier Flexure (Comp.) (kip*ft)	7060.36	4300.60	58.0%	Pass
Pier Compression (kip)	28118.83	83.47	0.3%	Pass
Pad Flexure (kip*ft)	2645.10	1563.01	56.3%	Pass
Pad Shear - 1-way (kips)	1004.09	218.08	20.7%	Pass
Pad Shear - 2-way (Comp) (ksi)	0.190	0.039	19.5%	Pass
Flexural 2-way (Comp) (kip*ft)	3052.15	2580.36	80.5%	Pass

*Rating per TIA-222-H Section 15.5

Soil Rating*:	50.9%
Structural Rating*:	80.5%

<--Toggle between Gross and Net



ASCE 7 Hazards Report

Address:
No Address at This
Location

Standard: ASCE/SEI 7-10

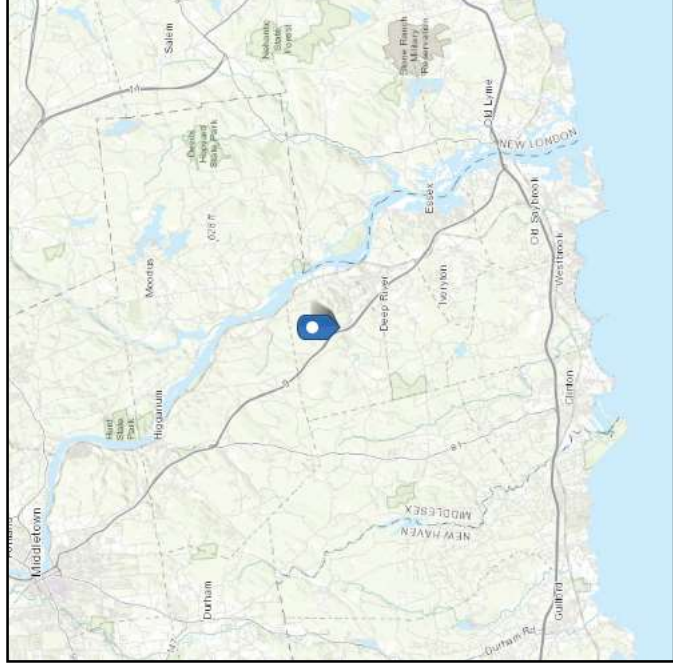
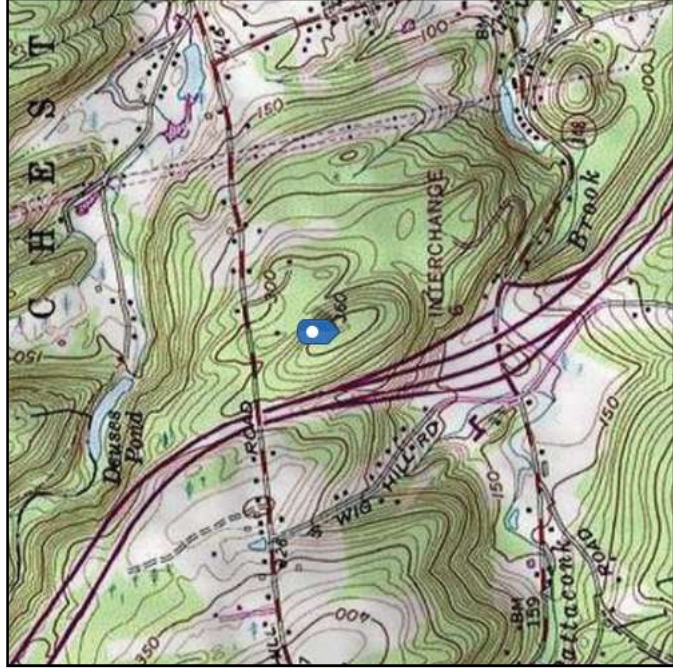
Elevation: 356.21 ft (NAVD 88)

Risk Category: II

Latitude: 41.403869

Soil Class: D - Stiff Soil

Longitude: -72.47245



Wind

Site Soil Class:

D - Stiff Soil

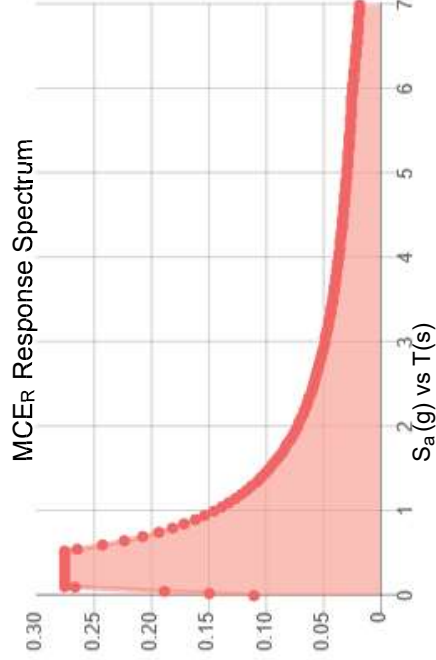
Results:

S_S :	0.172	S_{DS} :	0.183
S_1 :	0.06	S_{D1} :	0.097
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.087
S_{MS} :	0.275	PGA_M :	0.139
S_{M1} :	0.145	F_{PGA} :	1.6
		I_e :	1

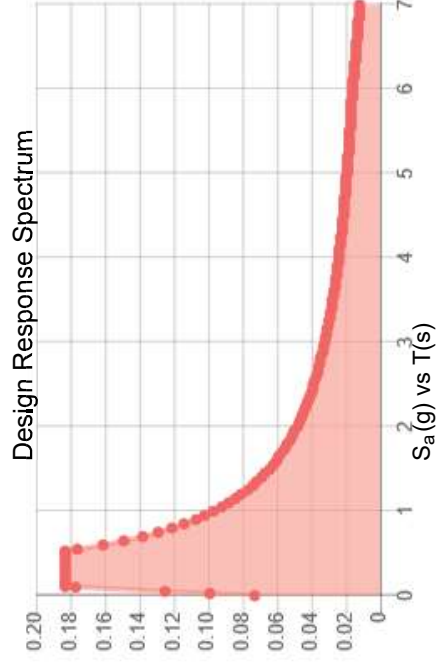
Seismic Design Category

B

MCE_R Response Spectrum



Design Response Spectrum



Data Accessed:

Date Source:

Thu Oct 31 2019

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

Ice

Results:

Ice Thickness: 0.75 in.

Concurrent Temperature: 15 F

Gust Speed: 50 mph

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

Date Accessed: Thu Oct 31 2019

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

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 50-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain.

Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

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

ASCE does not intend, nor should anyone interpret, the results provided by this Tool to replace the sound judgment of a competent professional, having knowledge and experience in the appropriate field(s) of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the contents of this Tool or the ASCE 7 standard.

In using this Tool, you expressly assume all risks associated with your use. Under no circumstances shall ASCE or its officers, directors, employees, members, affiliates, or agents be liable to you or any other person for any direct, indirect, special, incidental, or consequential damages arising from or related to your use of, or reliance on, the Tool or any information obtained therein. To the fullest extent permitted by law, you agree to release and hold harmless ASCE from any and all liability of any nature arising out of or resulting from any use of data provided by the ASCE 7 Hazard Tool.

Exhibit E

Mount Analysis

Date: **June 5, 2020**

Kevin Morrow
Crown Castle
3530 Toringdon Way, Suite 300
Charlotte, NC 28277
704-405-6619



POD Group
1033 E Turkeyfoot Lake Rd. Suite 206
Akron, OH 44312
(330) 961.7432
mhoudeshell@podgrp.com

Subject:

Mount Analysis Report

Carrier Designation:

AT&T Mobility
PACE Number: MRCTB047115
Carrier Site Number: CTL02179
Carrier Site Name: CHESTER WIG HILL RD
FA Number: 10035231

Crown Castle Designation:

Crown Castle BU Number: 800515
Crown Castle Site Name: CT CHESTER CAC 800515
Crown Castle JDE Job Number: 605356
Crown Castle Order Number: 517068 Rev. 0

Engineering Firm Designation:

POD Report Designation: 20-64947

Site Data:

49 Wig Hill Road, Chester, Middlesex County, CT, 06412
Latitude 41°24'13.93" Longitude -72°28'20.82"

Structure Information:

Tower Height & Type: 150 ft Monopole
Mount Elevation: 132 ft
Mount Type: 12 ft Platform with Support Rails

Dear Kevin Morrow,

POD Group is pleased to submit this "Mount Analysis Report" to determine the structural integrity of AT&T's antenna mounting system with the proposed appurtenance and equipment addition on the abovementioned supporting tower structure. Analysis of the existing supporting tower structure is to be completed by others and therefore is not part of this analysis. Analysis of the antenna mounting system as a tie-off point for fall protection or rigging is not part of this document.

The purpose of the analysis is to determine acceptability of the mount stress level. Based on our analysis we have determined the mount stress level to be:

12 ft Platform with Rails (Multiple Sector)

Sufficient

The analysis has been performed in accordance with the TIA-222-H Standard based upon an ultimate 3-second gust wind speed of 123 mph. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Mount structural analysis prepared by: Matthew Maloney

Respectfully submitted by:

A handwritten signature in black ink, appearing to read "Jason G. Cheronis".



6/5/20

Jason G. Cheronis, P.E.
Connecticut PE #: 0032793

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3) ANALYSIS PROCEDURE	Table 2 – Documents Provided 3.1) Analysis Method 3.2) Assumptions
4) ANALYSIS RESULTS	Table 3 - Mount Component Stresses vs. Capacity 4.1) Recommendations Table 4 - AT&T Specification
5) DISCLAIMER OF WARRANTIES	
6) APPENDIX A	Wire Frame and Rendered Models
7) APPENDIX B	Software Input Calculations
8) APPENDIX C	Software Analysis Output
9) APPENDIX D	Additional Calculations
10) APPENDIX E	Wind Speed Documentation

1) INTRODUCTION

This mount is an existing 12 ft Platform with Support Rails. This mount is installed at the 132 ft elevation of the 150 ft Monopole.

2) ANALYSIS CRITERIA

TIA-222 Revision: TIA-222-H
Risk Category: II
Ultimate Wind Speed: 123 mph
Exposure Category: B
Topographic Factor at Base: 1
Topographic Factor at Mount: 1
Ice Thickness: 1 in
Wind Speed with Ice: 50 mph
Seismic S_s: 0.212
Seismic S_i: 0.055
Live Loading Wind Speed: 30 mph
Man Live Load at Mid/End-Points: 250 lb
Man Live Load at Mount Pipes: 500 lb

Table 1 - Final Equipment Configuration

Mount Centerline (ft)	Antenna Centerline (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Mount / Modification Details	Note
134	134	1	Raycap	DC6-48-60-18-8F	Ring Mount	1
132	132	3	CCI Antennas	DMP65R-BU6D	12 ft Platform with Support Rails	-
		3	CCI Antennas	TPA65R-BU6D		
		3	Powerwave	7770.00		
		3	Ericsson	RRUS 32 B2		
		3	Ericsson	RRUS 4449 B5/B12		
		3	Ericsson	RRUS 4478 B14		
		3	Ericsson	RRUS 8843 B2/B66A		
		6	Powerwave	LGP21401		
		2	Raycap	DC6-48-60-18-8F		

Notes:

- 1) Mounted directly to tower, not included in this analysis

3) ANALYSIS PROCEDURE

Table 2 - Documents Provided

Document	Remarks	Reference	Source
Application	-	Crown Application #: 517068 Rev. 0 Dated: 06/03/2020	Crown
RFDS	-	AT&T RFDS Name: CTL02179 Dated: 03/10/2020	Crown

3.1) Analysis Method

RISA-3D (Version 17.0.4), a commercially available analysis software package, was used to create a three-dimensional model of the antenna mounting system and calculate member stresses for various loading cases. Selected output from the analysis are included in the Appendices.

A tool internally developed, using Microsoft Excel, by POD Group, was used to calculate wind loading on all appurtenances, dishes, and mount members for various load cases. Selected output from the calculations is included in Appendix B.

This analysis was performed in accordance with Crown Castle's ENG-SOW-10208 Tower Mount Analysis (Revision B). In addition, this analysis is in accordance with AT&T's mount technical directive.

3.2) Assumptions

- 1) The antenna mounting system was properly fabricated, installed, and maintained in good condition in accordance with its original design, TIA Standards, and/or manufacturer's specifications.
- 2) The configuration of antennas, mounts, and other appurtenances are as specified in Table 1 and the referenced drawings.
- 3) All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
- 4) The weight of the mount was increased 10% in the analysis to account for connections, coax, and jumpers.
- 5) Member sizes have been assumed from photos of the site and experience with similar mounting systems. If the sizes assumed in this report differ from the actual member sizes, POD Group shall be contacted immediately, and the results of the analysis shall be considered null and void.
- 6) All structural members shall be verified in accordance with AT&T Mount Technical Directive.
- 7) The analysis will be required to be revised if the existing conditions in the field differ from those shown in the above-referenced documents or assumed in this analysis. No allowance was made for any damaged, missing, or rusted members.
- 8) Steel grades have been assumed as follows, unless noted otherwise:
 - a. Channel, Solid Round, Angle, Plate ASTM A36 (GR 36)
 - b. HSS (Rectangular) ASTM 500 (GR B-46)
 - c. Pipe ASTM A53 (GR 35)
 - d. Connection Bolts ASTM A325

If any of these assumptions are not valid or have been made in error, this analysis may be affected, and POD Group should be allowed to review any new information to determine its effect on the structural integrity of the mount.

4) ANALYSIS RESULTS

Table 3 - Mount Component Stresses vs. Capacity (12 ft Platform with Support Rails)

Notes	Component	Critical Member	Centerline (ft)	% Capacity	Pass / Fail
	Face Vertical	FACE VERT6	132	80.5	Pass
	Support	SUPPORT1	131	61.6	Pass
	Face	FACE2	131	53.6	Pass
	Ladder support	LADDER SUPPORT2	131	36.4	Pass
	Diagonal	DIAGONAL4	132	34.9	Pass
	Mid Face	MID FACE1	131	34.6	Pass
	Rail	RAIL1	134	22.0	Pass
	Mount Pipe	MP BETA3	132	20.0	Pass
1	Flange Plate	-	-	15.5	Pass
	Grating Support	GRATING SUPPORT	131	13.9	Pass
	Horizontal	HORIZONTAL2	132	13.2	Pass
	Runner	RUNNER2	130	11.4	Pass
	Plate	PLATE5	134	10.8	Pass
	Rung	RUNG4	130	6.2	Pass
1	Flange Bolts	-	-	2.2	Pass

Structure Rating (max from all components) =

80.5%

Notes:

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

4.1) Recommendations

The mount has sufficient capacity to carry the proposed loading configuration. No modifications are required at this time.

Table 5 – AT&T Specification

Wind Speed (mph)	Ice Thickness (in)	Height (ft)	Exposure	Class	Topo	# of Pipes	Allowable EPA per Pipe (ft sq.)	Allowable Weight per Sector (lbs)
123	1	132	B	II	1	4	10.67	1136

5) DISCLAIMER OF WARRANTIES

POD Group has not performed a site visit to the structure to verify the member sizes or antenna/coax loading unless noted otherwise. If the existing conditions are not as represented in this report, we should be contacted immediately to evaluate the significance of the discrepancy. This is not a condition assessment of the structure or foundation. This report does not replace a full structure inspection. The structure, foundations, and mounting systems are assumed to have been properly fabricated, erected, maintained, in good condition, twist free, and plumb.

The engineering services rendered by POD Group in connection with this Structural Analysis are limited to a computer analysis of the structure and theoretical capacity of its main structural members. No allowance was made for any damaged, bent, missing, loose, or rusted members (above and below ground). No allowance was made for loose bolts or cracked welds.

POD Group does not analyze the fabrication of the structure (including welding). It is not possible to have all the very detailed information needed to perform a thorough analysis of every structural sub-component and connection of an existing structure. POD Group provides a limited scope of service in that we cannot verify the adequacy of every weld, plate connection detail, etc. The purpose of this report is to assess the feasibility of adding appurtenances usually accompanied by transmission lines to the structure.

It is the owner's responsibility to determine the amount of ice accumulation in excess of the code specified amount, if any, that should be considered in the structural analysis.

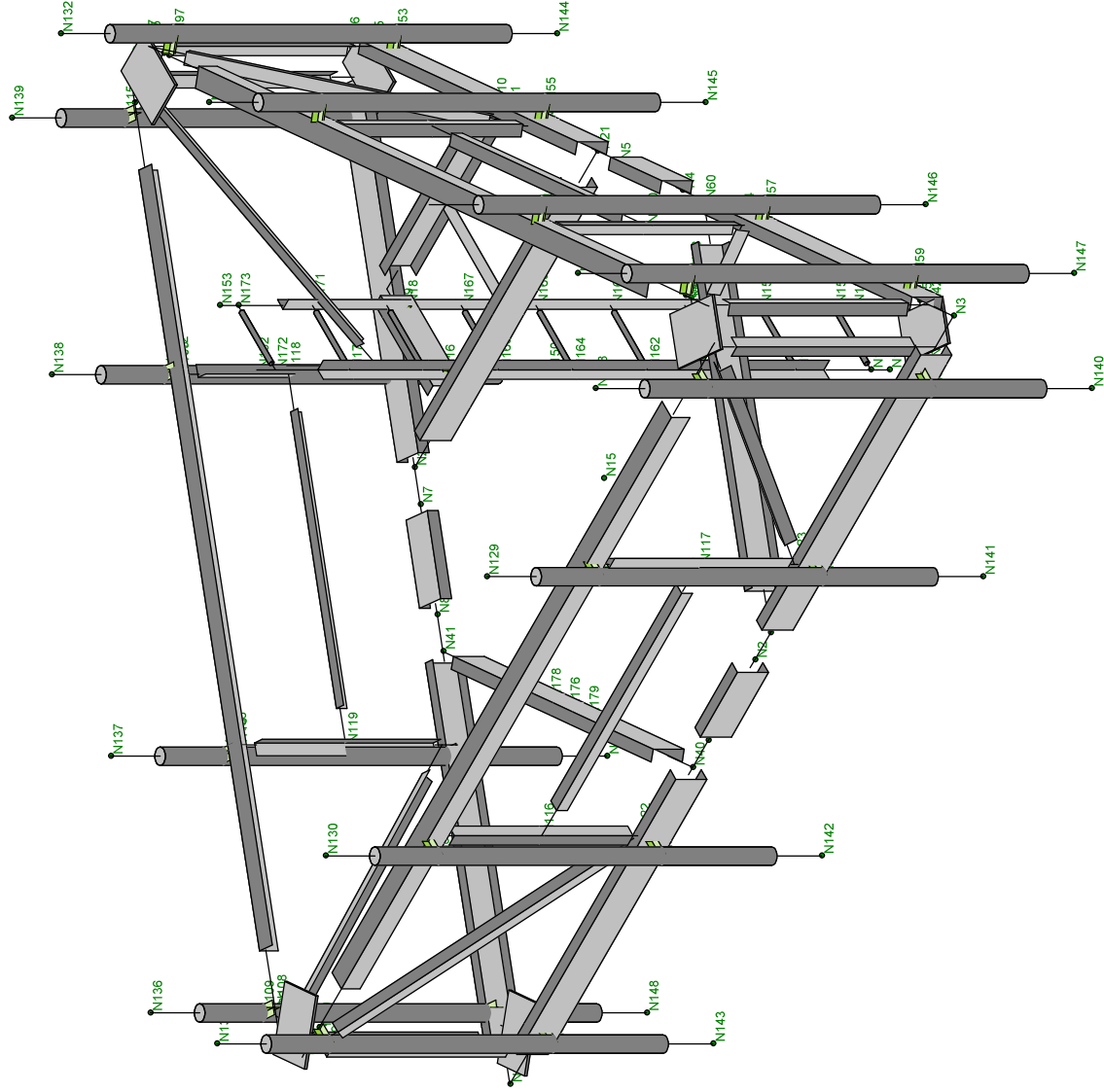
The attached sketches are a schematic representation of the analyzed structure. If any material is fabricated from these sketches, the contractor shall be responsible for field verifying the existing conditions, proper fit, and clearance in the field. Any mentions of structural modifications are reasonable estimates and should not be used as a precise construction document. Precise modification drawings are obtainable from POD Group, but are beyond the scope of this report.

POD Group makes no warranties, expressed and/or implied, in connection with this report and disclaims any liability arising from material, fabrication, and erection of this structure. POD Group will not be responsible whatsoever, for or on account of, consequential or incidental damages sustained by any person, firm, or organization as a result of any data or conclusions contained in this report. The maximum liability of POD Group pursuant to this report will be limited to the total fee received for preparation of this report.

APPENDIX A

Wire Frame and Rendered Models





POD Group

MMM

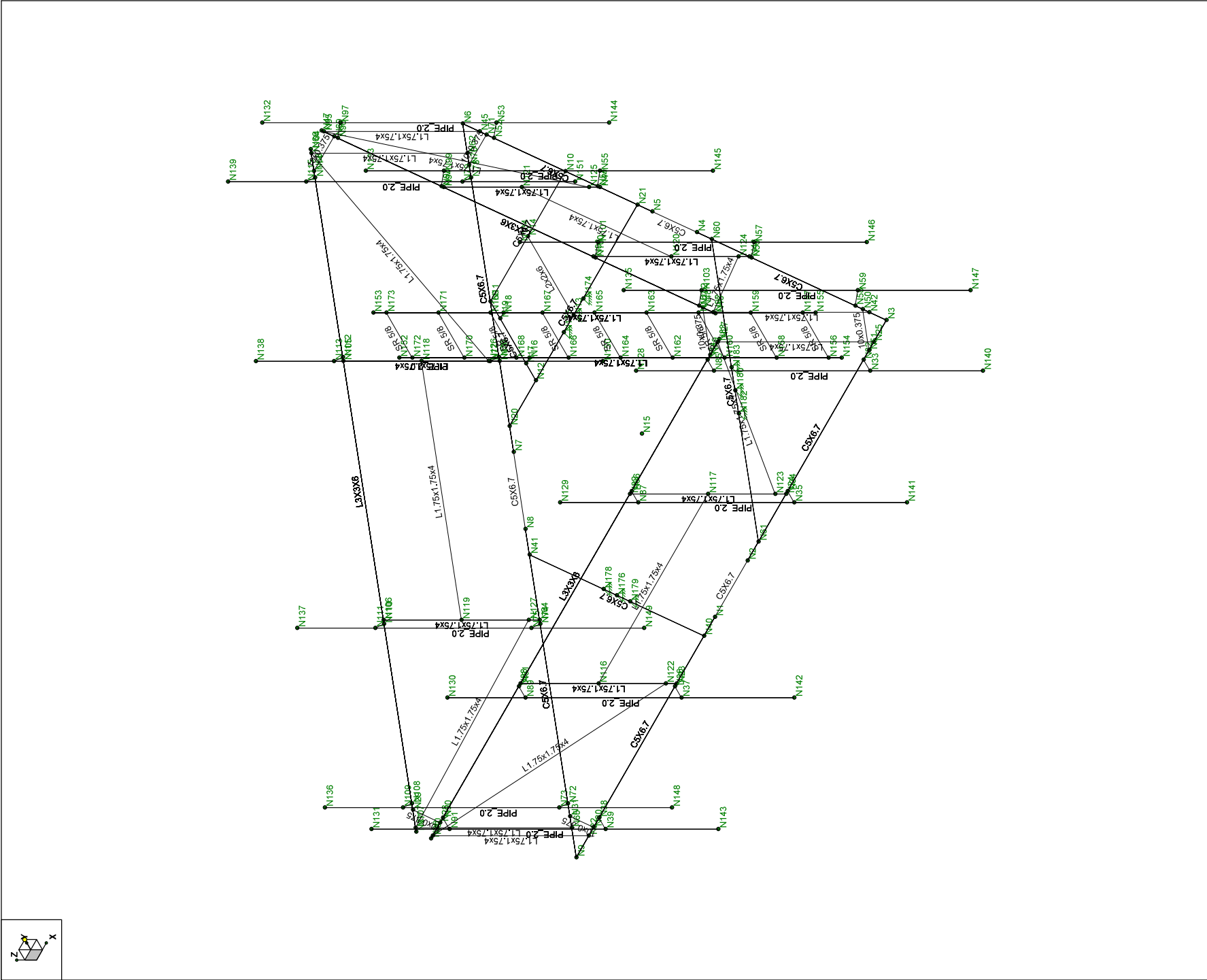
20-64947

800515

SK - 2

June 5, 2020 at 12:16 PM

800515.r3d



POD Group	800515	SK - 3
MMM		
20-64947		
		June 5, 2020 at 12:16 PM
		800515,r3d

POD Group	800515	SK - 3
MMM		June 5, 2020 at 12:16 PM
20-64947		800515,r3d

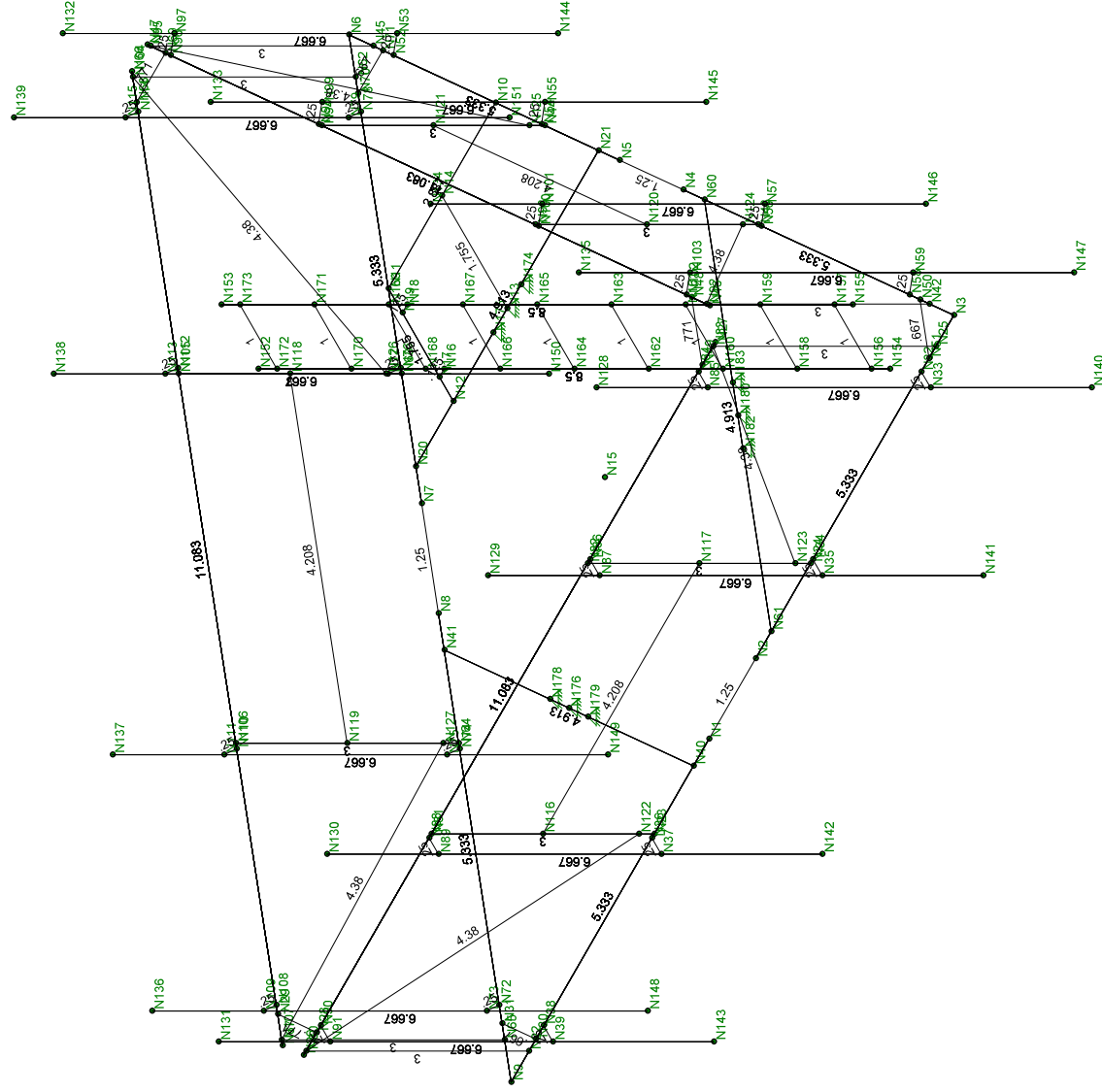
POD Group	800515	SK - 3
MMM		
20-64947		
		June 5, 2020 at 12:16 PM
		800515,r3d

POD Group	800515	SK - 3
MMM		June 5, 2020 at 12:16 PM
20-64947		800515,r3d

POD Group	800515	SK - 3
MMM		
20-64947		
		June 5, 2020 at 12:16 PM
		800515,r3d

POD Group	800515	SK - 3
MMM		
20-64947		
		June 5, 2020 at 12:16 PM
		800515,r3d

POD Group	800515	SK - 3
MMM		
20-64947		
		June 5, 2020 at 12:16 PM
		800515,r3d



Member Length (ft) Displayed

POD Group	SK - 4	
	800515	
	June 5, 2020 at 12:17 PM	
MMM	800515.r3d	
20-64947		



POD Group	800515	SK - 5
MMM		June 5, 2020 at 12:17 PM
20-64947		800515.r3d

POD Group	800515	SK - 5
MMM		June 5, 2020 at 12:17 PM
20-64947		800515.r3d

POD Group	800515	SK - 5
MMM		June 5, 2020 at 12:17 PM
20-64947		800515.r3d

POD Group	800515	SK - 5
MMM		June 5, 2020 at 12:17 PM
20-64947		800515.r3d

POD Group	800515	SK - 5
MMM		June 5, 2020 at 12:17 PM
20-64947		800515.r3d

POD Group	800515	SK - 5
MMM		June 5, 2020 at 12:17 PM
20-64947		800515.r3d

POD Group	800515	SK - 5
MMM		June 5, 2020 at 12:17 PM
20-64947		800515.r3d

POD Group	800515	SK - 5
MMM		June 5, 2020 at 12:17 PM
20-64947		800515.r3d

APPENDIX B

Software Input Calculations



POD Job #
20-64947
Client Name
CT CHESTER CAC 800515

General Site Information

Mount Type	SFP	Risk Category	II	(see)mc	1
V (Wind Speed)	123	I(see)	1	Sms	0.387
Z ₀	383	S ₀	0.32	Sm ₁	0.132
V ₀	1	S ₁	0.055	S ₀₁	0.028
K _{z1}	50	Soil Site Class	D (assumed)	Seismic Design Category	0.088
Exposure	8	F _s	1.600	Seismic Analysis Not Required	B
z _g	1000	F _v	2.400	As	1.1A-222-H-16.7
K _z	0.7	Tower Type	Monopole	C _s Min	0.03 TIA-222-H-2.7.7.1.1
K _z	0.99	Tower Height	150	C _s	0.12066667 TIA-222-H-2.7.7.1.1
K _z	0.95				
K _z	0.9				

Aperturancance Information

Model	Shielded	% Shielded	Centrefine	Centrefine on MP	Spacing (in)	Armuth	Seclor	Quantity	MP #
TPASER-BUSD	132	132	3.25	3.25	62	A/B/C	A/B/C	1	4
7770	132	132	3.25	3.25	48	A/B/C	A/B/C	1	3
RIUS 32 E2	132	132	3.25	3.25		A/B/C	A/B/C	1	4
RIUS 4475 B/612	132	132	3.25	3.25		A/B/C	A/B/C	1	4
RIUS 4475 B/612	132	132	3.25	3.25		A/B/C	A/B/C	1	3
RIUS 8845 E2/606A	132	132	3.25	3.25		A/B/C	A/B/C	1	3
LOP21A01	132	132	3.25	3.25		A/B/C	A/B/C	2	1
DC5-48-60-18-8F	132	132	3.25	3.25		A/B	A/B	1	3

Mount Information

Elevation (ft)	132	Grating Thickness (in)	1
K _z	1.07	Grating Slot Width (in)	0.014
tz	1.15		

Mount Pipes	Length (ft)	Width (in)	Centrefine
	6.667	2.375	132

Round Members

Member	Length (ft)	Width (in)	Frame Member	# of Members
Ring	1	0.625	No	8

Flat Members

Member	Length (ft)	Width (in)	Shape	A	B	C	D	Facing Member	# of Members	
Face off	5.333	5	Channel	1.75	1.75	5	0.32	0.19	No	2
Face on	5.333	5	Channel	1.75	1.75	5	0.32	0.19	Yes	4
Mid Face off	1.25	5	Channel	1.75	1.75	5	0.32	0.19	No	1
Mid Face on	11.083	3	Angle	1.75	3	0.375	0.32	0.19	No	1
Rail off	11.083	3	Angle	3	0.375				Yes	2
Face Vert off	3	1.75	Angle	1.75	0.25				No	4
Face Vert on	3	1.75	Angle	1.75	0.25				Yes	8
Horizontal off	4.208	1.75	Angle	1.75	0.25				No	1
Horizontal on	4.208	1.75	Angle	1.75	0.25				Yes	2
Diagonal off	4.38	1.75	Angle	1.75	0.25				No	2
Diagonal on	4.38	1.75	Angle	1.75	0.25				Yes	4
Support	4.913	5	Channel	1.75	1.75	5	0.32	0.19	No	3
Ladder Support	2.887	5	Channel	1.75	1.75	5	0.32	0.19	No	2
Grating Support	1.755	2	Angle	1.75	0.25				No	1
Runner	8.5	1.75	Angle	2	0.375				No	2
Plate	0.771	0.375	Channel	0.375	10	0	0.375		No	6



Appearance Wind Calculations

Model	Height	Width	Depth	Weight (lbs)	Kz	qr (lb/ft ²)	(EPA) _h (ft ²)	(EPA) (ft ²)	Front	Side	Wind Force (Kips)	Beta	Gamma
DWPSR-BUSD	71.2	20.7	7.7	88.3	1.07	38.82	11.93	4.48	0.43	0.174	0.391	0.391	0.174
TPASR-BUSD	71.2	21.0	7.8	72.5	1.07	38.82	12.22	4.54	0.474	0.176	0.400	0.400	0.176
7770	55.0	11.0	5.0	35.0	1.07	38.82	3.42	1.56	0.133	0.061	0.115	0.115	0.061
RHUS 32 B2	77.2	11.1	7.0	132.9	1.07	38.82	2.46	1.30	0.095	0.058	0.086	0.086	0.058
RHUS 32 B2	77.2	11.1	7.0	132.9	1.07	38.82	2.46	1.30	0.095	0.058	0.086	0.086	0.058
RHUS 4479 B14	16.5	13.4	7.7	59.9	1.07	38.82	1.66	0.95	0.064	0.037	0.058	0.058	0.037
RHUS 8843 B2/866A	14.9	13.2	10.9	72.0	1.07	38.82	1.48	1.22	0.057	0.047	0.055	0.055	0.047
LGP21401	34.2	6.7	5.4	22.0	1.07	38.82	0.71	0.58	0.028	0.022	0.026	0.026	0.022
DC6-46-60-18-4F	31.3	11.0	32.8	32.8	1.07	38.82	1.09	1.21	0.042	0.047	0.044	0.044	0.047

Appearance Ice Calculations

Model	Height	Width	Depth	Weight (lbs)	Kz	qr (lb/ft ²)	(EPA) _h (ft ²)	(EPA) (ft ²)	Front	Side	Wind Force (Kips)	Alpha	Beta	Gamma
DWPSR-BUSD	71.2	20.7	7.7	88.3	1.07	38.82	11.93	4.48	0.43	0.174	0.391	0.391	0.174	0.391
TPASR-BUSD	71.2	21.0	7.8	72.5	1.07	38.82	12.22	4.54	0.474	0.176	0.400	0.400	0.176	0.400
7770	55.0	11.0	5.0	35.0	1.07	38.82	3.42	1.56	0.133	0.061	0.115	0.115	0.061	0.115
RHUS 32 B2	77.2	11.1	7.0	132.9	1.07	38.82	2.46	1.30	0.095	0.058	0.086	0.086	0.058	0.086
RHUS 32 B2	77.2	11.1	7.0	132.9	1.07	38.82	2.46	1.30	0.095	0.058	0.086	0.086	0.058	0.086
RHUS 4479 B14	16.5	13.4	7.7	59.9	1.07	38.82	1.66	0.95	0.064	0.037	0.058	0.058	0.037	0.058
RHUS 8843 B2/866A	14.9	13.2	10.9	72.0	1.07	38.82	1.48	1.22	0.057	0.047	0.055	0.055	0.047	0.055
LGP21401	34.2	6.7	5.4	22.0	1.07	38.82	0.71	0.58	0.028	0.022	0.026	0.026	0.022	0.026
DC6-46-60-18-4F	31.3	11.0	32.8	32.8	1.07	38.82	1.09	1.21	0.042	0.047	0.044	0.044	0.047	0.047

Board Members

Member	q _s (lb/ft ²)	A _r	C	Wind Calculations			Ice Calculations								
				R _r	C _f	EPA (ft ²)	Load (k/ft)	Width (in)	Weight (k/ft)	q _s (lb/ft ²)	Arise	Price	C _f		
Ring	38.82	0.42	6.58	0.76	1.20	0.04	0.001	2.92	0.00	6.41	1.95	1.00	1.20	0.26	0.001

Flat Members

Member	Wind Calculations										Ice Calculations		CF	EPA	Load (kN)	Weight (kN)	q _h (kN/m ²)	Ice Price	BA	Load (kN)
	q _h (kN/m ²)	AF	CF	Face off	Mid Face off	Mid Face on	Rail on	Face Vert off	Face Vert on	Horizontal off	Horizontal on	Diagonal off								
Face off	38.82	4.44	1.20	2.40	0.009	0.009	7.30	0.01	6.41	6.49	1.00	1.79	5.22	0.003	0.003	0.003	0.003	0.003	0.003	5.22
Mid Face off	38.82	0.82	1.20	0.56	0.009	0.009	7.30	0.01	6.41	1.79	1.00	1.79	1.22	0.003	0.003	0.003	0.003	0.003	0.003	1.22
Mid Face on	38.82	1.04	1.79	0.84	0.026	0.026	7.30	0.01	6.41	1.52	1.00	1.79	1.22	0.006	0.006	0.006	0.006	0.006	0.006	1.22
Rail on	38.82	2.77	1.20	2.99	0.005	0.005	5.30	0.01	6.41	4.89	1.00	1.79	7.87	0.002	0.002	0.002	0.002	0.002	0.002	7.87
Face Vert off	38.82	5.54	1.79	4.46	0.016	0.016	5.30	0.01	6.41	9.79	1.00	1.79	7.87	0.005	0.005	0.005	0.005	0.005	0.005	7.87
Face Vert on	38.82	3.75	1.20	0.47	0.006	0.006	7.30	0.01	6.41	1.79	1.00	1.79	1.22	0.003	0.003	0.003	0.003	0.003	0.003	1.22
Horizontal off	38.82	0.61	1.20	0.66	0.009	0.009	4.05	0.01	6.41	1.42	1.00	1.79	2.28	0.002	0.002	0.002	0.002	0.002	0.002	2.28
Horizontal on	38.82	1.23	1.79	0.99	0.009	0.009	4.05	0.01	6.41	2.84	1.00	1.79	2.28	0.003	0.003	0.003	0.003	0.003	0.003	2.28
Diagonal off	38.82	1.28	1.20	0.69	0.008	0.008	4.05	0.01	6.41	2.95	1.00	1.79	2.38	0.002	0.002	0.002	0.002	0.002	0.002	2.38
Diagonal on	38.82	2.56	1.79	1.03	0.009	0.009	4.05	0.01	6.41	5.91	1.00	1.79	2.38	0.003	0.003	0.003	0.003	0.003	0.003	2.38
Support	38.82	6.14	1.20	2.21	0.009	0.009	7.30	0.01	6.41	8.96	1.00	1.79	4.81	0.003	0.003	0.003	0.003	0.003	0.003	4.81
Ladder Support	38.82	2.41	1.30	1.30	0.009	0.009	7.30	0.01	6.41	3.51	1.00	1.79	2.82	0.003	0.003	0.003	0.003	0.003	0.003	2.82
Grating Support	38.82	0.29	1.20	0.32	0.003	0.003	4.30	0.01	6.41	0.63	1.00	1.79	1.01	0.002	0.002	0.002	0.002	0.002	0.002	1.01
Runner	38.82	2.48	1.20	1.34	0.003	0.003	4.05	0.01	6.41	3.73	1.00	1.79	0.61	0.002	0.002	0.002	0.002	0.002	0.002	0.61
Rail	38.82	0.14	1.20	0.03	0.001	0.001	2.07	0.01	6.41	1.03	1.00	1.79	0.18	0.001	0.001	0.001	0.001	0.001	0.001	0.18

Appearance Seismic Calculations

Model	Height	Width	Depth	Weight (lbs)	Kz	qr (lb/ft ²)	(EPA) _h (ft ²)	(EPA) (ft ²)	Front	Side	Wind Force (Kips)	Alpha	Beta	Gamma
DWPSR-BUSD	71.2	20.7	7.7	88.3	1.07	38.82	11.93	4.48	0.43	0.174	0.391	0.391	0.174	0.391
TPASR-BUSD	71.2	21.0	7.8	72.5	1.07	38.82	12.22	4.54	0.474	0.176	0.400	0.400	0.176	0.400
7770	55.0	11.0	5.0	35.0	1.07	38.82	3.42	1.56	0.133	0.061	0.115	0.115	0.061	0.115
RHUS 32 B2	77.2	11.1	7.0	132.9	1.07	38.82	2.46	1.30	0.095	0.058	0.086	0.086	0.058	0.086
RHUS 32 B2	77.2	11.1	7.0	132.9	1.07	38.82	2.46	1.30	0.095	0.058	0.086	0.086	0.058	0.086
RHUS 4479 B14	16.5	13.4	7.7	59.9	1.07	38.82	1.66	0.95	0.064	0.037	0.058	0.058	0.037	0.058
RHUS 8843 B2/866A	14.9	13.2	10.9	72.0	1.07	38.82	1.48	1.22	0.057	0.047	0.055	0.055	0.047	0.055
LGP21401	34.2	6.7	5.4	22.0	1.07	38.82	0.71	0.58	0.028	0.022	0.026	0.026	0.022	0.026
DC6-46-60-18-4F	31.3	11.0	32.8	32.8	1.07	38.82	1.09	1.21	0.042	0.047	0.044	0.044	0.047	0.047

APPENDIX C

Software Analysis Output

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...)	Section/Shape	Type	Design List	Material	Design Ru...
1	FACE1	N9	N1		270	C5X6.7	Beam	Channel	A36 Gr.36	Typical
2	MID FACE1	N1	N2		270	C5X6.7	Beam	Channel	A36 Gr.36	Typical
3	FACE2	N2	N3		270	C5X6.7	Beam	Channel	A36 Gr.36	Typical
4	FACE5	N3	N4		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
5	MID FACE3	N4	N5		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
6	FACE6	N5	N6		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
7	FACE3	N6	N7			C5X6.7	Beam	Channel	A36 Gr.36	Typical
8	MID FACE2	N7	N8			C5X6.7	Beam	Channel	A36 Gr.36	Typical
9	FACE4	N8	N9		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
10	LADDER SUPP...	N11	N10		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
11	LADDER SUPP...	N11	N12		270	C5X6.7	Beam	Channel	A36 Gr.36	Typical
12	GRATING SUPP...	N13	N14		180	L2x2x6	Beam	Single Angle	A36 Gr.36	Typical
13	R1	N16	N17			RIGID	None	None	RIGID	Typical
14	R2	N18	N19			RIGID	None	None	RIGID	Typical
15	SUPPORT2	N20	N21		270	C5X6.7	Beam	Channel	A36 Gr.36	Typical
16	RAIL1	N26	N27		270	L3X3X6	Beam	Single Angle	A36 Gr.36	Typical
17	PLATE4	N28	N29			10x0.375	Beam	RECT	A36 Gr.36	Typical
18	PLATE1	N30	N31			10x0.375	Beam	RECT	A36 Gr.36	Typical
19	R3	N32	N33			RIGID	None	None	RIGID	Typical
20	R4	N34	N35			RIGID	None	None	RIGID	Typical
21	R5	N36	N37			RIGID	None	None	RIGID	Typical
22	R6	N38	N39			RIGID	None	None	RIGID	Typical
23	SUPPORT1	N40	N41		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
24	RAIL3	N46	N47		90	L3X3X6	Beam	Single Angle	A36 Gr.36	Typical
25	PLATE6	N48	N49			10x0.375	Beam	RECT	A36 Gr.36	Typical
26	PLATE3	N50	N51			10x0.375	Beam	RECT	A36 Gr.36	Typical
27	R7	N52	N53			RIGID	None	None	RIGID	Typical
28	R8	N54	N55			RIGID	None	None	RIGID	Typical
29	R9	N56	N57			RIGID	None	None	RIGID	Typical
30	R10	N58	N59			RIGID	None	None	RIGID	Typical
31	SUPPORT3	N60	N61		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
32	RAIL2	N66	N67		90	L3X3X6	Beam	Single Angle	A36 Gr.36	Typical
33	PLATE5	N68	N69			10x0.375	Beam	RECT	A36 Gr.36	Typical
34	PLATE2	N70	N71			10x0.375	Beam	RECT	A36 Gr.36	Typical
35	R11	N72	N73			RIGID	None	None	RIGID	Typical
36	R12	N74	N75			RIGID	None	None	RIGID	Typical
37	R13	N76	N77			RIGID	None	None	RIGID	Typical
38	R14	N78	N79			RIGID	None	None	RIGID	Typical
39	R15	N84	N85			RIGID	None	None	RIGID	Typical
40	R16	N86	N87			RIGID	None	None	RIGID	Typical
41	R17	N88	N89			RIGID	None	None	RIGID	Typical
42	R18	N90	N91			RIGID	None	None	RIGID	Typical
43	R19	N96	N97			RIGID	None	None	RIGID	Typical
44	R20	N98	N99			RIGID	None	None	RIGID	Typical
45	R21	N100	N101			RIGID	None	None	RIGID	Typical
46	R22	N102	N103			RIGID	None	None	RIGID	Typical
47	R23	N108	N109			RIGID	None	None	RIGID	Typical
48	R24	N110	N111			RIGID	None	None	RIGID	Typical
49	R25	N112	N113			RIGID	None	None	RIGID	Typical
50	R26	N114	N115			RIGID	None	None	RIGID	Typical
51	FACE VERT1	N22	N80		270	L1.75x1.75x4	Beam	Single Angle	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...
52	FACE VERT2	N23	N81			L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
53	FACE VERT3	N24	N82		270	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
54	FACE VERT4	N25	N83			L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
55	FACE VERT5	N62	N104		150	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
56	FACE VERT6	N63	N105		240	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
57	FACE VERT7	N64	N106		150	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
58	FACE VERT8	N65	N107		240	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
59	FACE VERT9	N42	N92		30	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
60	FACE VERT10	N43	N93		120	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
61	FACE VERT11	N44	N94		30	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
62	FACE VERT12	N45	N95		120	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
63	HORIZONTAL1	N116	N117		270	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
64	HORIZONTAL2	N118	N119		90	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
65	HORIZONTAL3	N120	N121		90	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
66	DIAGONAL1	N80	N122		270	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
67	DIAGONAL2	N83	N123			L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
68	DIAGONAL3	N104	N126		42	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
69	DIAGONAL4	N107	N127		132	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
70	DIAGONAL5	N92	N124		134	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
71	DIAGONAL6	N95	N125		224	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
72	MP ALPHA1	N140	N128			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
73	MP ALPHA2	N141	N129			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
74	MP ALPHA3	N142	N130			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
75	MP ALPHA4	N143	N131			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
76	MP BETA1	N148	N136			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
77	MP BETA2	N149	N137			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
78	MP BETA3	N150	N138			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
79	MP BETA4	N151	N139			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
80	MP GAMMA1	N144	N132			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
81	MP GAMMA2	N145	N133			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
82	MP GAMMA3	N146	N134			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
83	MP GAMMA4	N147	N135			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
84	RUNNER1	N154	N152		180	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
85	RUNNER2	N155	N153		270	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
86	RUNG1	N156	N157			SR 5/8	Beam	BAR	A36 Gr.36	Typical
87	RUNG2	N158	N159			SR 5/8	Beam	BAR	A36 Gr.36	Typical
88	RUNG3	N160	N161			SR 5/8	Beam	BAR	A36 Gr.36	Typical
89	RUNG4	N162	N163			SR 5/8	Beam	BAR	A36 Gr.36	Typical
90	RUNG5	N164	N165			SR 5/8	Beam	BAR	A36 Gr.36	Typical
91	RUNG6	N166	N167			SR 5/8	Beam	BAR	A36 Gr.36	Typical
92	RUNG7	N168	N169			SR 5/8	Beam	BAR	A36 Gr.36	Typical
93	RUNG8	N170	N171			SR 5/8	Beam	BAR	A36 Gr.36	Typical
94	RUNG9	N172	N173			SR 5/8	Beam	BAR	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical Defl Rat...	Analysis ...	Inactive	Seismic ...
1	FACE1						Yes			None
2	MID FACE1						Yes			None
3	FACE2						Yes			None
4	FACE5						Yes			None

Member Advanced Data (Continued)

Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic ...
5 MID FACE3						Yes				None
6 FACE6						Yes				None
7 FACE3						Yes				None
8 MID FACE2						Yes				None
9 FACE4						Yes				None
10 LADDER S...						Yes				None
11 LADDER S...						Yes				None
12 GRATING ...						Yes				None
13 R1						Yes	** NA **			None
14 R2						Yes	** NA **			None
15 SUPPORT2						Yes	** NA **			None
16 RAIL1						Yes				None
17 PLATE4						Yes				None
18 PLATE1						Yes				None
19 R3						Yes	** NA **			None
20 R4						Yes	** NA **			None
21 R5						Yes	** NA **			None
22 R6						Yes	** NA **			None
23 SUPPORT1						Yes				None
24 RAIL3						Yes				None
25 PLATE6						Yes				None
26 PLATE3						Yes				None
27 R7						Yes	** NA **			None
28 R8						Yes	** NA **			None
29 R9						Yes	** NA **			None
30 R10						Yes	** NA **			None
31 SUPPORT3						Yes				None
32 RAIL2						Yes				None
33 PLATE5						Yes				None
34 PLATE2						Yes				None
35 R11						Yes	** NA **			None
36 R12						Yes	** NA **			None
37 R13						Yes	** NA **			None
38 R14						Yes	** NA **			None
39 R15						Yes	** NA **			None
40 R16						Yes	** NA **			None
41 R17						Yes	** NA **			None
42 R18						Yes	** NA **			None
43 R19						Yes	** NA **			None
44 R20						Yes	** NA **			None
45 R21						Yes	** NA **			None
46 R22						Yes	** NA **			None
47 R23						Yes	** NA **			None
48 R24						Yes	** NA **			None
49 R25						Yes	** NA **			None
50 R26						Yes	** NA **			None
51 FACE VER...						Yes				None
52 FACE VER...						Yes				None
53 FACE VER...						Yes				None
54 FACE VER...						Yes				None
55 FACE VER...						Yes				None
56 FACE VER...						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical Defl Rat...	Analysis ...	Inactive	Seismic ...
57	FACE VER...						Yes			None
58	FACE VER...						Yes			None
59	FACE VER...						Yes			None
60	FACE VER...						Yes			None
61	FACE VER...						Yes			None
62	FACE VER...						Yes			None
63	HORIZONTAL...						Yes			None
64	HORIZONTAL...						Yes			None
65	HORIZONTAL...						Yes			None
66	DIAGONAL1						Yes			None
67	DIAGONAL2						Yes			None
68	DIAGONAL3						Yes			None
69	DIAGONAL4						Yes			None
70	DIAGONAL5						Yes			None
71	DIAGONAL6						Yes			None
72	MP ALPHA1						Yes			None
73	MP ALPHA2						Yes			None
74	MP ALPHA3						Yes			None
75	MP ALPHA4						Yes			None
76	MP BETA1						Yes			None
77	MP BETA2						Yes			None
78	MP BETA3						Yes			None
79	MP BETA4						Yes			None
80	MP GAMM...						Yes			None
81	MP GAMM...						Yes			None
82	MP GAMM...						Yes			None
83	MP GAMM...						Yes			None
84	RUNNER1						Yes			None
85	RUNNER2						Yes			None
86	RUNG1						Yes			None
87	RUNG2						Yes			None
88	RUNG3						Yes			None
89	RUNG4						Yes			None
90	RUNG5						Yes			None
91	RUNG6						Yes			None
92	RUNG7						Yes			None
93	RUNG8						Yes			None
94	RUNG9						Yes			None

Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
1	FACE1	C5X6.7	5.333			Lbyy						Lateral
2	MID FACE1	C5X6.7	1.25			Lbyy						Lateral
3	FACE2	C5X6.7	5.333			Lbyy						Lateral
4	FACE5	C5X6.7	5.333			Lbyy						Lateral
5	MID FACE3	C5X6.7	1.25			Lbyy						Lateral
6	FACE6	C5X6.7	5.333			Lbyy						Lateral
7	FACE3	C5X6.7	5.333			Lbyy						Lateral
8	MID FACE2	C5X6.7	1.25			Lbyy						Lateral
9	FACE4	C5X6.7	5.333			Lbyy						Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
10	LADDER S...	C5X6.7	2.887			Lbyy						Lateral
11	LADDER S...	C5X6.7	1.755			Lbyy						Lateral
12	GRATING ...	L2x2x6	1.755			Lbyy						Lateral
13	SUPPORT2	C5X6.7	4.913			Lbyy						Lateral
14	RAIL1	L3X3X6	11.083			Lbyy						Lateral
15	PLATE4	10x0.375	.771			Lbyy						Lateral
16	PLATE1	10x0.375	.667			Lbyy						Lateral
17	SUPPORT1	C5X6.7	4.913			Lbyy						Lateral
18	RAIL3	L3X3X6	11.083			Lbyy						Lateral
19	PLATE6	10x0.375	.771			Lbyy						Lateral
20	PLATE3	10x0.375	.667			Lbyy						Lateral
21	SUPPORT3	C5X6.7	4.913			Lbyy						Lateral
22	RAIL2	L3X3X6	11.083			Lbyy						Lateral
23	PLATE5	10x0.375	.771			Lbyy						Lateral
24	PLATE2	10x0.375	.667			Lbyy						Lateral
25	FACE VER...	L1.75x1.75x4	3			Lbyy						Lateral
26	FACE VER...	L1.75x1.75x4	3			Lbyy						Lateral
27	FACE VER...	L1.75x1.75x4	3			Lbyy						Lateral
28	FACE VER...	L1.75x1.75x4	3			Lbyy						Lateral
29	FACE VER...	L1.75x1.75x4	3			Lbyy						Lateral
30	FACE VER...	L1.75x1.75x4	3			Lbyy						Lateral
31	FACE VER...	L1.75x1.75x4	3			Lbyy						Lateral
32	FACE VER...	L1.75x1.75x4	3			Lbyy						Lateral
33	FACE VER...	L1.75x1.75x4	3			Lbyy						Lateral
34	FACE VER...	L1.75x1.75x4	3			Lbyy						Lateral
35	FACE VER...	L1.75x1.75x4	3			Lbyy						Lateral
36	FACE VER...	L1.75x1.75x4	3			Lbyy						Lateral
37	HORIZONT...	L1.75x1.75x4	4.208			Lbyy						Lateral
38	HORIZONT...	L1.75x1.75x4	4.208			Lbyy						Lateral
39	HORIZONT...	L1.75x1.75x4	4.208			Lbyy						Lateral
40	DIAGONAL1	L1.75x1.75x4	4.38			Lbyy						Lateral
41	DIAGONAL2	L1.75x1.75x4	4.38			Lbyy						Lateral
42	DIAGONAL3	L1.75x1.75x4	4.38			Lbyy						Lateral
43	DIAGONAL4	L1.75x1.75x4	4.38			Lbyy						Lateral
44	DIAGONAL5	L1.75x1.75x4	4.38			Lbyy						Lateral
45	DIAGONAL6	L1.75x1.75x4	4.38			Lbyy						Lateral
46	MP ALPHA1	PIPE 2.0	6.667			Lbyy						Lateral
47	MP ALPHA2	PIPE 2.0	6.667			Lbyy						Lateral
48	MP ALPHA3	PIPE 2.0	6.667			Lbyy						Lateral
49	MP ALPHA4	PIPE 2.0	6.667			Lbyy						Lateral
50	MP BETA1	PIPE 2.0	6.667			Lbyy						Lateral
51	MP BETA2	PIPE 2.0	6.667			Lbyy						Lateral
52	MP BETA3	PIPE 2.0	6.667			Lbyy						Lateral
53	MP BETA4	PIPE 2.0	6.667			Lbyy						Lateral
54	MP GAMMA1	PIPE 2.0	6.667			Lbyy						Lateral
55	MP GAMMA2	PIPE 2.0	6.667			Lbyy						Lateral
56	MP GAMMA3	PIPE 2.0	6.667			Lbyy						Lateral
57	MP GAMMA4	PIPE 2.0	6.667			Lbyy						Lateral
58	RUNNER1	L1.75x1.75x4	8.5			Lbyy						Lateral
59	RUNNER2	L1.75x1.75x4	8.5			Lbyy						Lateral
60	RUNG1	SR 5/8	1			Lbyy						Lateral
61	RUNG2	SR 5/8	1			Lbyy						Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
62	RUNG3	SR 5/8	1			Lbyy						Lateral
63	RUNG4	SR 5/8	1			Lbyy						Lateral
64	RUNG5	SR 5/8	1			Lbyy						Lateral
65	RUNG6	SR 5/8	1			Lbyy						Lateral
66	RUNG7	SR 5/8	1			Lbyy						Lateral
67	RUNG8	SR 5/8	1			Lbyy						Lateral
68	RUNG9	SR 5/8	1			Lbyy						Lateral

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E..Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	65	1.15
8	A913 Gr.65	29000	11154	.3	.65	.49	65	80	1.1

Member Point Loads (BLC 1 : Live Load)

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

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.232	5.833
2	MP ALPHA4	Y	-.232	.667
3	MP BETA4	Y	-.123	5.833
4	MP BETA4	Y	-.123	.667
5	MP GAMMA4	Y	-.123	5.833
6	MP GAMMA4	Y	-.123	.667
7	MP ALPHA3	Y	-.237	5.833
8	MP ALPHA3	Y	-.125	5.833
9	MP BETA3	Y	-.125	.667
10	MP BETA3	Y	-.125	5.833
11	MP GAMMA3	Y	-.125	.667
12	MP GAMMA3	Y	-.125	5.833
13	MP ALPHA1	Y	-.066	5.25
14	MP ALPHA1	Y	-.066	1.25
15	MP BETA1	Y	-.039	5.25
16	MP BETA1	Y	-.039	1.25
17	MP GAMMA1	Y	-.039	5.25
18	MP GAMMA1	Y	-.039	1.25
19	MP ALPHA4	Y	-.095	3.25
20	MP BETA4	Y	-.068	3.25
21	MP GAMMA4	Y	-.068	3.25
22	MP ALPHA4	Y	-.069	3.25
23	MP BETA4	Y	-.054	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
24	MP GAMMA4	Y	-.054	3.25
25	MP ALPHA3	Y	-.064	3.25
26	MP BETA3	Y	-.044	3.25
27	MP GAMMA3	Y	-.044	3.25
28	MP ALPHA3	Y	-.057	3.25
29	MP BETA3	Y	-.05	3.25
30	MP GAMMA3	Y	-.05	3.25
31	MP ALPHA1	Y	-.055	3.25
32	MP BETA1	Y	-.047	3.25
33	MP GAMMA1	Y	-.047	3.25
34	MP ALPHA3	Y	-.042	3.25
35	MP BETA3	Y	-.046	3.25

Member Point Loads (BLC 3 : Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Z	-.045	5.833
2	MP ALPHA4	Z	-.045	.667
3	MP BETA4	Z	-.045	5.833
4	MP BETA4	Z	-.045	.667
5	MP GAMMA4	Z	-.045	5.833
6	MP GAMMA4	Z	-.045	.667
7	MP ALPHA3	Z	-.036	5.833
8	MP ALPHA3	Z	-.036	.667
9	MP BETA3	Z	-.036	5.833
10	MP BETA3	Z	-.036	.667
11	MP GAMMA3	Z	-.036	5.833
12	MP GAMMA3	Z	-.036	.667
13	MP ALPHA1	Z	-.018	5.25
14	MP ALPHA1	Z	-.018	1.25
15	MP BETA1	Z	-.018	5.25
16	MP BETA1	Z	-.018	1.25
17	MP GAMMA1	Z	-.018	5.25
18	MP GAMMA1	Z	-.018	1.25
19	MP ALPHA4	Z	-.053	3.25
20	MP BETA4	Z	-.053	3.25
21	MP GAMMA4	Z	-.053	3.25
22	MP ALPHA4	Z	-.071	3.25
23	MP BETA4	Z	-.071	3.25
24	MP GAMMA4	Z	-.071	3.25
25	MP ALPHA3	Z	-.06	3.25
26	MP BETA3	Z	-.06	3.25
27	MP GAMMA3	Z	-.06	3.25
28	MP ALPHA3	Z	-.072	3.25
29	MP BETA3	Z	-.072	3.25
30	MP GAMMA3	Z	-.072	3.25
31	MP ALPHA1	Z	-.044	3.25
32	MP BETA1	Z	-.044	3.25
33	MP GAMMA1	Z	-.044	3.25
34	MP ALPHA3	Z	-.033	3.25
35	MP BETA3	Z	-.033	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.169	5.833
2	MP ALPHA4	Y	-.169	.667
3	MP ALPHA4	X	-.098	5.833
4	MP ALPHA4	X	-.098	.667
5	MP BETA4	Y	-.075	5.833
6	MP BETA4	Y	-.075	.667
7	MP BETA4	X	-.043	5.833
8	MP BETA4	X	-.043	.667
9	MP GAMMA4	Y	-.169	5.833
10	MP GAMMA4	Y	-.169	.667
11	MP GAMMA4	X	-.098	5.833
12	MP GAMMA4	X	-.098	.667
13	MP ALPHA3	Y	-.173	5.833
14	MP ALPHA3	Y	-.173	.667
15	MP ALPHA3	X	-.1	5.833
16	MP ALPHA3	X	-.1	.667
17	MP BETA3	Y	-.076	5.833
18	MP BETA3	Y	-.076	.667
19	MP BETA3	X	-.044	5.833
20	MP BETA3	X	-.044	.667
21	MP GAMMA3	Y	-.173	5.833
22	MP GAMMA3	Y	-.173	.667
23	MP GAMMA3	X	-.1	5.833
24	MP GAMMA3	X	-.1	.667
25	MP ALPHA1	Y	-.05	5.25
26	MP ALPHA1	Y	-.05	1.25
27	MP ALPHA1	X	-.029	5.25
28	MP ALPHA1	X	-.029	1.25
29	MP BETA1	Y	-.026	5.25
30	MP BETA1	Y	-.026	1.25
31	MP BETA1	X	-.015	5.25
32	MP BETA1	X	-.015	1.25
33	MP GAMMA1	Y	-.05	5.25
34	MP GAMMA1	Y	-.05	1.25
35	MP GAMMA1	X	-.029	5.25
36	MP GAMMA1	X	-.029	1.25
37	MP ALPHA4	Y	-.075	3.25
38	MP ALPHA4	X	-.043	3.25
39	MP BETA4	Y	-.05	3.25
40	MP BETA4	X	-.029	3.25
41	MP GAMMA4	Y	-.075	3.25
42	MP GAMMA4	X	-.043	3.25
43	MP ALPHA4	Y	-.055	3.25
44	MP ALPHA4	X	-.032	3.25
45	MP BETA4	Y	-.043	3.25
46	MP BETA4	X	-.025	3.25
47	MP GAMMA4	Y	-.055	3.25
48	MP GAMMA4	X	-.032	3.25
49	MP ALPHA3	Y	-.05	3.25
50	MP ALPHA3	X	-.029	3.25
51	MP BETA3	Y	-.032	3.25
52	MP BETA3	X	-.018	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
53	MP GAMMA3	Y	-.05	3.25
54	MP GAMMA3	X	-.029	3.25
55	MP ALPHA3	Y	-.047	3.25
56	MP ALPHA3	X	-.027	3.25
57	MP BETA3	Y	-.041	3.25
58	MP BETA3	X	-.024	3.25
59	MP GAMMA3	Y	-.047	3.25
60	MP GAMMA3	X	-.027	3.25
61	MP ALPHA1	Y	-.046	3.25
62	MP ALPHA1	X	-.026	3.25
63	MP BETA1	Y	-.039	3.25
64	MP BETA1	X	-.022	3.25
65	MP GAMMA1	Y	-.046	3.25
66	MP GAMMA1	X	-.026	3.25
67	MP ALPHA3	Y	-.038	3.25
68	MP ALPHA3	X	-.022	3.25
69	MP BETA3	Y	-.041	3.25
70	MP BETA3	X	-.024	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.062	5.833
2	MP ALPHA4	Y	-.062	.667
3	MP ALPHA4	X	-.107	5.833
4	MP ALPHA4	X	-.107	.667
5	MP BETA4	Y	-.062	5.833
6	MP BETA4	Y	-.062	.667
7	MP BETA4	X	-.107	5.833
8	MP BETA4	X	-.107	.667
9	MP GAMMA4	Y	-.116	5.833
10	MP GAMMA4	Y	-.116	.667
11	MP GAMMA4	X	-.201	5.833
12	MP GAMMA4	X	-.201	.667
13	MP ALPHA3	Y	-.063	5.833
14	MP ALPHA3	Y	-.063	.667
15	MP ALPHA3	X	-.109	5.833
16	MP ALPHA3	X	-.109	.667
17	MP BETA3	Y	-.063	5.833
18	MP BETA3	Y	-.063	.667
19	MP BETA3	X	-.109	5.833
20	MP BETA3	X	-.109	.667
21	MP GAMMA3	Y	-.119	5.833
22	MP GAMMA3	Y	-.119	.667
23	MP GAMMA3	X	-.205	5.833
24	MP GAMMA3	X	-.205	.667
25	MP ALPHA1	Y	-.02	5.25
26	MP ALPHA1	Y	-.02	1.25
27	MP ALPHA1	X	-.034	5.25
28	MP ALPHA1	X	-.034	1.25
29	MP BETA1	Y	-.02	5.25
30	MP BETA1	Y	-.02	1.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
31	MP BETA1	X	-.034	5.25
32	MP BETA1	X	-.034	1.25
33	MP GAMMA1	Y	-.033	5.25
34	MP GAMMA1	Y	-.033	1.25
35	MP GAMMA1	X	-.058	5.25
36	MP GAMMA1	X	-.058	1.25
37	MP ALPHA4	Y	-.034	3.25
38	MP ALPHA4	X	-.059	3.25
39	MP BETA4	Y	-.034	3.25
40	MP BETA4	X	-.059	3.25
41	MP GAMMA4	Y	-.048	3.25
42	MP GAMMA4	X	-.083	3.25
43	MP ALPHA4	Y	-.027	3.25
44	MP ALPHA4	X	-.047	3.25
45	MP BETA4	Y	-.027	3.25
46	MP BETA4	X	-.047	3.25
47	MP GAMMA4	Y	-.034	3.25
48	MP GAMMA4	X	-.06	3.25
49	MP ALPHA3	Y	-.022	3.25
50	MP ALPHA3	X	-.038	3.25
51	MP BETA3	Y	-.022	3.25
52	MP BETA3	X	-.038	3.25
53	MP GAMMA3	Y	-.032	3.25
54	MP GAMMA3	X	-.056	3.25
55	MP ALPHA3	Y	-.025	3.25
56	MP ALPHA3	X	-.043	3.25
57	MP BETA3	Y	-.025	3.25
58	MP BETA3	X	-.043	3.25
59	MP GAMMA3	Y	-.029	3.25
60	MP GAMMA3	X	-.05	3.25
61	MP ALPHA1	Y	-.024	3.25
62	MP ALPHA1	X	-.041	3.25
63	MP BETA1	Y	-.024	3.25
64	MP BETA1	X	-.041	3.25
65	MP GAMMA1	Y	-.028	3.25
66	MP GAMMA1	X	-.048	3.25
67	MP ALPHA3	Y	-.023	3.25
68	MP ALPHA3	X	-.04	3.25
69	MP BETA3	Y	-.023	3.25
70	MP BETA3	X	-.04	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	X	-.087	5.833
2	MP ALPHA4	X	-.087	.667
3	MP BETA4	X	-.195	5.833
4	MP BETA4	X	-.195	.667
5	MP GAMMA4	X	-.195	5.833
6	MP GAMMA4	X	-.195	.667
7	MP ALPHA3	X	-.088	5.833
8	MP ALPHA3	X	-.088	.667

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
9	MP BETA3	X	-2	5.833
10	MP BETA3	X	-2	.667
11	MP GAMMA3	X	-2	5.833
12	MP GAMMA3	X	-2	.667
13	MP ALPHA1	X	-.03	5.25
14	MP ALPHA1	X	-.03	1.25
15	MP BETA1	X	-.057	5.25
16	MP BETA1	X	-.057	1.25
17	MP GAMMA1	X	-.057	5.25
18	MP GAMMA1	X	-.057	1.25
19	MP ALPHA4	X	-.058	3.25
20	MP BETA4	X	-.086	3.25
21	MP GAMMA4	X	-.086	3.25
22	MP ALPHA4	X	-.049	3.25
23	MP BETA4	X	-.064	3.25
24	MP GAMMA4	X	-.064	3.25
25	MP ALPHA3	X	-.037	3.25
26	MP BETA3	X	-.058	3.25
27	MP GAMMA3	X	-.058	3.25
28	MP ALPHA3	X	-.047	3.25
29	MP BETA3	X	-.055	3.25
30	MP GAMMA3	X	-.055	3.25
31	MP ALPHA1	X	-.045	3.25
32	MP BETA1	X	-.053	3.25
33	MP GAMMA1	X	-.053	3.25
34	MP ALPHA3	X	-.047	3.25
35	MP BETA3	X	-.044	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.062	5.833
2	MP ALPHA4	Y	.062	.667
3	MP ALPHA4	X	-.107	5.833
4	MP ALPHA4	X	-.107	.667
5	MP BETA4	Y	.116	5.833
6	MP BETA4	Y	.116	.667
7	MP BETA4	X	-.201	5.833
8	MP BETA4	X	-.201	.667
9	MP GAMMA4	Y	.062	5.833
10	MP GAMMA4	Y	.062	.667
11	MP GAMMA4	X	-.107	5.833
12	MP GAMMA4	X	-.107	.667
13	MP ALPHA3	Y	.063	5.833
14	MP ALPHA3	Y	.063	.667
15	MP ALPHA3	X	-.109	5.833
16	MP ALPHA3	X	-.109	.667
17	MP BETA3	Y	.119	5.833
18	MP BETA3	Y	.119	.667
19	MP BETA3	X	-.205	5.833
20	MP BETA3	X	-.205	.667
21	MP GAMMA3	Y	.063	5.833

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP GAMMA3	Y	.063	.667
23	MP GAMMA3	X	-.109	5.833
24	MP GAMMA3	X	-.109	.667
25	MP ALPHA1	Y	.02	5.25
26	MP ALPHA1	Y	.02	1.25
27	MP ALPHA1	X	-.034	5.25
28	MP ALPHA1	X	-.034	1.25
29	MP BETA1	Y	.033	5.25
30	MP BETA1	Y	.033	1.25
31	MP BETA1	X	-.058	5.25
32	MP BETA1	X	-.058	1.25
33	MP GAMMA1	Y	.02	5.25
34	MP GAMMA1	Y	.02	1.25
35	MP GAMMA1	X	-.034	5.25
36	MP GAMMA1	X	-.034	1.25
37	MP ALPHA4	Y	.034	3.25
38	MP ALPHA4	X	-.059	3.25
39	MP BETA4	Y	.048	3.25
40	MP BETA4	X	-.083	3.25
41	MP GAMMA4	Y	.034	3.25
42	MP GAMMA4	X	-.059	3.25
43	MP ALPHA4	Y	.027	3.25
44	MP ALPHA4	X	-.047	3.25
45	MP BETA4	Y	.034	3.25
46	MP BETA4	X	-.06	3.25
47	MP GAMMA4	Y	.027	3.25
48	MP GAMMA4	X	-.047	3.25
49	MP ALPHA3	Y	.022	3.25
50	MP ALPHA3	X	-.038	3.25
51	MP BETA3	Y	.032	3.25
52	MP BETA3	X	-.056	3.25
53	MP GAMMA3	Y	.022	3.25
54	MP GAMMA3	X	-.038	3.25
55	MP ALPHA3	Y	.025	3.25
56	MP ALPHA3	X	-.043	3.25
57	MP BETA3	Y	.029	3.25
58	MP BETA3	X	-.05	3.25
59	MP GAMMA3	Y	.025	3.25
60	MP GAMMA3	X	-.043	3.25
61	MP ALPHA1	Y	.024	3.25
62	MP ALPHA1	X	-.041	3.25
63	MP BETA1	Y	.028	3.25
64	MP BETA1	X	-.048	3.25
65	MP GAMMA1	Y	.024	3.25
66	MP GAMMA1	X	-.041	3.25
67	MP ALPHA3	Y	.023	3.25
68	MP ALPHA3	X	-.04	3.25
69	MP BETA3	Y	.021	3.25
70	MP BETA3	X	-.037	3.25

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

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.169	5.833
2	MP ALPHA4	Y	.169	.667
3	MP ALPHA4	X	-.098	5.833
4	MP ALPHA4	X	-.098	.667
5	MP BETA4	Y	.169	5.833
6	MP BETA4	Y	.169	.667
7	MP BETA4	X	-.098	5.833
8	MP BETA4	X	-.098	.667
9	MP GAMMA4	Y	.075	5.833
10	MP GAMMA4	Y	.075	.667
11	MP GAMMA4	X	-.043	5.833
12	MP GAMMA4	X	-.043	.667
13	MP ALPHA3	Y	.173	5.833
14	MP ALPHA3	Y	.173	.667
15	MP ALPHA3	X	-.1	5.833
16	MP ALPHA3	X	-.1	.667
17	MP BETA3	Y	.173	5.833
18	MP BETA3	Y	.173	.667
19	MP BETA3	X	-.1	5.833
20	MP BETA3	X	-.1	.667
21	MP GAMMA3	Y	.076	5.833
22	MP GAMMA3	Y	.076	.667
23	MP GAMMA3	X	-.044	5.833
24	MP GAMMA3	X	-.044	.667
25	MP ALPHA1	Y	.05	5.25
26	MP ALPHA1	Y	.05	1.25
27	MP ALPHA1	X	-.029	5.25
28	MP ALPHA1	X	-.029	1.25
29	MP BETA1	Y	.05	5.25
30	MP BETA1	Y	.05	1.25
31	MP BETA1	X	-.029	5.25
32	MP BETA1	X	-.029	1.25
33	MP GAMMA1	Y	.026	5.25
34	MP GAMMA1	Y	.026	1.25
35	MP GAMMA1	X	-.015	5.25
36	MP GAMMA1	X	-.015	1.25
37	MP ALPHA4	Y	.075	3.25
38	MP ALPHA4	X	-.043	3.25
39	MP BETA4	Y	.075	3.25
40	MP BETA4	X	-.043	3.25
41	MP GAMMA4	Y	.05	3.25
42	MP GAMMA4	X	-.029	3.25
43	MP ALPHA4	Y	.055	3.25
44	MP ALPHA4	X	-.032	3.25
45	MP BETA4	Y	.055	3.25
46	MP BETA4	X	-.032	3.25
47	MP GAMMA4	Y	.043	3.25
48	MP GAMMA4	X	-.025	3.25
49	MP ALPHA3	Y	.05	3.25
50	MP ALPHA3	X	-.029	3.25
51	MP BETA3	Y	.05	3.25
52	MP BETA3	X	-.029	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft. %]
53	MP GAMMA3	Y	.032	3.25
54	MP GAMMA3	X	-.018	3.25
55	MP ALPHA3	Y	.047	3.25
56	MP ALPHA3	X	-.027	3.25
57	MP BETA3	Y	.047	3.25
58	MP BETA3	X	-.027	3.25
59	MP GAMMA3	Y	.041	3.25
60	MP GAMMA3	X	-.024	3.25
61	MP ALPHA1	Y	.046	3.25
62	MP ALPHA1	X	-.026	3.25
63	MP BETA1	Y	.046	3.25
64	MP BETA1	X	-.026	3.25
65	MP GAMMA1	Y	.039	3.25
66	MP GAMMA1	X	-.022	3.25
67	MP ALPHA3	Y	.038	3.25
68	MP ALPHA3	X	-.022	3.25
69	MP BETA3	Y	.038	3.25
70	MP BETA3	X	-.022	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft. %]
1	MP ALPHA4	Y	.232	5.833
2	MP ALPHA4	Y	.232	.667
3	MP BETA4	Y	.123	5.833
4	MP BETA4	Y	.123	.667
5	MP GAMMA4	Y	.123	5.833
6	MP GAMMA4	Y	.123	.667
7	MP ALPHA3	Y	.237	5.833
8	MP ALPHA3	Y	.237	.667
9	MP BETA3	Y	.125	5.833
10	MP BETA3	Y	.125	.667
11	MP GAMMA3	Y	.125	5.833
12	MP GAMMA3	Y	.125	.667
13	MP ALPHA1	Y	.066	5.25
14	MP ALPHA1	Y	.066	1.25
15	MP BETA1	Y	.039	5.25
16	MP BETA1	Y	.039	1.25
17	MP GAMMA1	Y	.039	5.25
18	MP GAMMA1	Y	.039	1.25
19	MP ALPHA4	Y	.095	3.25
20	MP BETA4	Y	.068	3.25
21	MP GAMMA4	Y	.068	3.25
22	MP ALPHA4	Y	.069	3.25
23	MP BETA4	Y	.054	3.25
24	MP GAMMA4	Y	.054	3.25
25	MP ALPHA3	Y	.064	3.25
26	MP BETA3	Y	.044	3.25
27	MP GAMMA3	Y	.044	3.25
28	MP ALPHA3	Y	.057	3.25
29	MP BETA3	Y	.05	3.25
30	MP GAMMA3	Y	.05	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
31	MP ALPHA1	Y	.055	3.25
32	MP BETA1	Y	.047	3.25
33	MP GAMMA1	Y	.047	3.25
34	MP ALPHA3	Y	.042	3.25
35	MP BETA3	Y	.046	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.169	5.833
2	MP ALPHA4	Y	.169	.667
3	MP ALPHA4	X	.098	5.833
4	MP ALPHA4	X	.098	.667
5	MP BETA4	Y	.075	5.833
6	MP BETA4	Y	.075	.667
7	MP BETA4	X	.043	5.833
8	MP BETA4	X	.043	.667
9	MP GAMMA4	Y	.169	5.833
10	MP GAMMA4	Y	.169	.667
11	MP GAMMA4	X	.098	5.833
12	MP GAMMA4	X	.098	.667
13	MP ALPHA3	Y	.173	5.833
14	MP ALPHA3	Y	.173	.667
15	MP ALPHA3	X	.1	5.833
16	MP ALPHA3	X	.1	.667
17	MP BETA3	Y	.076	5.833
18	MP BETA3	Y	.076	.667
19	MP BETA3	X	.044	5.833
20	MP BETA3	X	.044	.667
21	MP GAMMA3	Y	.173	5.833
22	MP GAMMA3	Y	.173	.667
23	MP GAMMA3	X	.1	5.833
24	MP GAMMA3	X	.1	.667
25	MP ALPHA1	Y	.05	5.25
26	MP ALPHA1	Y	.05	1.25
27	MP ALPHA1	X	.029	5.25
28	MP ALPHA1	X	.029	1.25
29	MP BETA1	Y	.026	5.25
30	MP BETA1	Y	.026	1.25
31	MP BETA1	X	.015	5.25
32	MP BETA1	X	.015	1.25
33	MP GAMMA1	Y	.05	5.25
34	MP GAMMA1	Y	.05	1.25
35	MP GAMMA1	X	.029	5.25
36	MP GAMMA1	X	.029	1.25
37	MP ALPHA4	Y	.075	3.25
38	MP ALPHA4	X	.043	3.25
39	MP BETA4	Y	.05	3.25
40	MP BETA4	X	.029	3.25
41	MP GAMMA4	Y	.075	3.25
42	MP GAMMA4	X	.043	3.25
43	MP ALPHA4	Y	.055	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft, %]
44	MP ALPHA4	X	.032	3.25
45	MP BETA4	Y	.043	3.25
46	MP BETA4	X	.025	3.25
47	MP GAMMA4	Y	.055	3.25
48	MP GAMMA4	X	.032	3.25
49	MP ALPHA3	Y	.05	3.25
50	MP ALPHA3	X	.029	3.25
51	MP BETA3	Y	.032	3.25
52	MP BETA3	X	.018	3.25
53	MP GAMMA3	Y	.05	3.25
54	MP GAMMA3	X	.029	3.25
55	MP ALPHA3	Y	.047	3.25
56	MP ALPHA3	X	.027	3.25
57	MP BETA3	Y	.041	3.25
58	MP BETA3	X	.024	3.25
59	MP GAMMA3	Y	.047	3.25
60	MP GAMMA3	X	.027	3.25
61	MP ALPHA1	Y	.046	3.25
62	MP ALPHA1	X	.026	3.25
63	MP BETA1	Y	.039	3.25
64	MP BETA1	X	.022	3.25
65	MP GAMMA1	Y	.046	3.25
66	MP GAMMA1	X	.026	3.25
67	MP ALPHA3	Y	.038	3.25
68	MP ALPHA3	X	.022	3.25
69	MP BETA3	Y	.041	3.25
70	MP BETA3	X	.024	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft, %]
1	MP ALPHA4	Y	.062	5.833
2	MP ALPHA4	Y	.062	.667
3	MP ALPHA4	X	.107	5.833
4	MP ALPHA4	X	.107	.667
5	MP BETA4	Y	.062	5.833
6	MP BETA4	Y	.062	.667
7	MP BETA4	X	.107	5.833
8	MP BETA4	X	.107	.667
9	MP GAMMA4	Y	.116	5.833
10	MP GAMMA4	Y	.116	.667
11	MP GAMMA4	X	.201	5.833
12	MP GAMMA4	X	.201	.667
13	MP ALPHA3	Y	.063	5.833
14	MP ALPHA3	Y	.063	.667
15	MP ALPHA3	X	.109	5.833
16	MP ALPHA3	X	.109	.667
17	MP BETA3	Y	.063	5.833
18	MP BETA3	Y	.063	.667
19	MP BETA3	X	.109	5.833
20	MP BETA3	X	.109	.667
21	MP GAMMA3	Y	.119	5.833

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

	Member Label	Direction	Magnitudel[k,k-ft]	Location [ft, %]
22	MP GAMMA3	Y	.119	.667
23	MP GAMMA3	X	.205	5.833
24	MP GAMMA3	X	.205	.667
25	MP ALPHA1	Y	.02	5.25
26	MP ALPHA1	Y	.02	1.25
27	MP ALPHA1	X	.034	5.25
28	MP ALPHA1	X	.034	1.25
29	MP BETA1	Y	.02	5.25
30	MP BETA1	Y	.02	1.25
31	MP BETA1	X	.034	5.25
32	MP BETA1	X	.034	1.25
33	MP GAMMA1	Y	.033	5.25
34	MP GAMMA1	Y	.033	1.25
35	MP GAMMA1	X	.058	5.25
36	MP GAMMA1	X	.058	1.25
37	MP ALPHA4	Y	.034	3.25
38	MP ALPHA4	X	.059	3.25
39	MP BETA4	Y	.034	3.25
40	MP BETA4	X	.059	3.25
41	MP GAMMA4	Y	.048	3.25
42	MP GAMMA4	X	.083	3.25
43	MP ALPHA4	Y	.027	3.25
44	MP ALPHA4	X	.047	3.25
45	MP BETA4	Y	.027	3.25
46	MP BETA4	X	.047	3.25
47	MP GAMMA4	Y	.034	3.25
48	MP GAMMA4	X	.06	3.25
49	MP ALPHA3	Y	.022	3.25
50	MP ALPHA3	X	.038	3.25
51	MP BETA3	Y	.022	3.25
52	MP BETA3	X	.038	3.25
53	MP GAMMA3	Y	.032	3.25
54	MP GAMMA3	X	.056	3.25
55	MP ALPHA3	Y	.025	3.25
56	MP ALPHA3	X	.043	3.25
57	MP BETA3	Y	.025	3.25
58	MP BETA3	X	.043	3.25
59	MP GAMMA3	Y	.029	3.25
60	MP GAMMA3	X	.05	3.25
61	MP ALPHA1	Y	.024	3.25
62	MP ALPHA1	X	.041	3.25
63	MP BETA1	Y	.024	3.25
64	MP BETA1	X	.041	3.25
65	MP GAMMA1	Y	.028	3.25
66	MP GAMMA1	X	.048	3.25
67	MP ALPHA3	Y	.023	3.25
68	MP ALPHA3	X	.04	3.25
69	MP BETA3	Y	.023	3.25
70	MP BETA3	X	.04	3.25

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

	Member Label	Direction	Magnitudel[k,k-ft]	Location [ft, %]
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Member Point Loads (BLC 12 : Wind Load (270)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	X	.087	5.833
2	MP ALPHA4	X	.087	.667
3	MP BETA4	X	.195	5.833
4	MP BETA4	X	.195	.667
5	MP GAMMA4	X	.195	5.833
6	MP GAMMA4	X	.195	.667
7	MP ALPHA3	X	.088	5.833
8	MP ALPHA3	X	.088	.667
9	MP BETA3	X	.2	5.833
10	MP BETA3	X	.2	.667
11	MP GAMMA3	X	.2	5.833
12	MP GAMMA3	X	.2	.667
13	MP ALPHA1	X	.03	5.25
14	MP ALPHA1	X	.03	1.25
15	MP BETA1	X	.057	5.25
16	MP BETA1	X	.057	1.25
17	MP GAMMA1	X	.057	5.25
18	MP GAMMA1	X	.057	1.25
19	MP ALPHA4	X	.058	3.25
20	MP BETA4	X	.086	3.25
21	MP GAMMA4	X	.086	3.25
22	MP ALPHA4	X	.049	3.25
23	MP BETA4	X	.064	3.25
24	MP GAMMA4	X	.064	3.25
25	MP ALPHA3	X	.037	3.25
26	MP BETA3	X	.058	3.25
27	MP GAMMA3	X	.058	3.25
28	MP ALPHA3	X	.047	3.25
29	MP BETA3	X	.055	3.25
30	MP GAMMA3	X	.055	3.25
31	MP ALPHA1	X	.045	3.25
32	MP BETA1	X	.053	3.25
33	MP GAMMA1	X	.053	3.25
34	MP ALPHA3	X	.047	3.25
35	MP BETA3	X	.044	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.062	5.833
2	MP ALPHA4	Y	-.062	.667
3	MP ALPHA4	X	.107	5.833
4	MP ALPHA4	X	.107	.667
5	MP BETA4	Y	-.116	5.833
6	MP BETA4	Y	-.116	.667
7	MP BETA4	X	.201	5.833
8	MP BETA4	X	.201	.667
9	MP GAMMA4	Y	-.062	5.833
10	MP GAMMA4	Y	-.062	.667
11	MP GAMMA4	X	.107	5.833
12	MP GAMMA4	X	.107	.667
13	MP ALPHA3	Y	-.063	5.833

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
14	MP ALPHA3	Y	-.063	.667
15	MP ALPHA3	X	.109	5.833
16	MP ALPHA3	X	.109	.667
17	MP BETA3	Y	-.119	5.833
18	MP BETA3	Y	-.119	.667
19	MP BETA3	X	.205	5.833
20	MP BETA3	X	.205	.667
21	MP GAMMA3	Y	-.063	5.833
22	MP GAMMA3	Y	-.063	.667
23	MP GAMMA3	X	.109	5.833
24	MP GAMMA3	X	.109	.667
25	MP ALPHA1	Y	-.02	5.25
26	MP ALPHA1	Y	-.02	1.25
27	MP ALPHA1	X	.034	5.25
28	MP ALPHA1	X	.034	1.25
29	MP BETA1	Y	-.033	5.25
30	MP BETA1	Y	-.033	1.25
31	MP BETA1	X	.058	5.25
32	MP BETA1	X	.058	1.25
33	MP GAMMA1	Y	-.02	5.25
34	MP GAMMA1	Y	-.02	1.25
35	MP GAMMA1	X	.034	5.25
36	MP GAMMA1	X	.034	1.25
37	MP ALPHA4	Y	-.034	3.25
38	MP ALPHA4	X	.059	3.25
39	MP BETA4	Y	-.048	3.25
40	MP BETA4	X	.083	3.25
41	MP GAMMA4	Y	-.034	3.25
42	MP GAMMA4	X	.059	3.25
43	MP ALPHA4	Y	-.027	3.25
44	MP ALPHA4	X	.047	3.25
45	MP BETA4	Y	-.034	3.25
46	MP BETA4	X	.06	3.25
47	MP GAMMA4	Y	-.027	3.25
48	MP GAMMA4	X	.047	3.25
49	MP ALPHA3	Y	-.022	3.25
50	MP ALPHA3	X	.038	3.25
51	MP BETA3	Y	-.032	3.25
52	MP BETA3	X	.056	3.25
53	MP GAMMA3	Y	-.022	3.25
54	MP GAMMA3	X	.038	3.25
55	MP ALPHA3	Y	-.025	3.25
56	MP ALPHA3	X	.043	3.25
57	MP BETA3	Y	-.029	3.25
58	MP BETA3	X	.05	3.25
59	MP GAMMA3	Y	-.025	3.25
60	MP GAMMA3	X	.043	3.25
61	MP ALPHA1	Y	-.024	3.25
62	MP ALPHA1	X	.041	3.25
63	MP BETA1	Y	-.028	3.25
64	MP BETA1	X	.048	3.25
65	MP GAMMA1	Y	-.024	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
66	MP GAMMA1	X	.041	3.25
67	MP ALPHA3	Y	-.023	3.25
68	MP ALPHA3	X	.04	3.25
69	MP BETA3	Y	-.021	3.25
70	MP BETA3	X	.037	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.169	5.833
2	MP ALPHA4	Y	-.169	.667
3	MP ALPHA4	X	.098	5.833
4	MP ALPHA4	X	.098	.667
5	MP BETA4	Y	-.169	5.833
6	MP BETA4	Y	-.169	.667
7	MP BETA4	X	.098	5.833
8	MP BETA4	X	.098	.667
9	MP GAMMA4	Y	-.075	5.833
10	MP GAMMA4	Y	-.075	.667
11	MP GAMMA4	X	.043	5.833
12	MP GAMMA4	X	.043	.667
13	MP ALPHA3	Y	-.173	5.833
14	MP ALPHA3	Y	-.173	.667
15	MP ALPHA3	X	.1	5.833
16	MP ALPHA3	X	.1	.667
17	MP BETA3	Y	-.173	5.833
18	MP BETA3	Y	-.173	.667
19	MP BETA3	X	.1	5.833
20	MP BETA3	X	.1	.667
21	MP GAMMA3	Y	-.076	5.833
22	MP GAMMA3	Y	-.076	.667
23	MP GAMMA3	X	.044	5.833
24	MP GAMMA3	X	.044	.667
25	MP ALPHA1	Y	-.05	5.25
26	MP ALPHA1	Y	-.05	1.25
27	MP ALPHA1	X	.029	5.25
28	MP ALPHA1	X	.029	1.25
29	MP BETA1	Y	-.05	5.25
30	MP BETA1	Y	-.05	1.25
31	MP BETA1	X	.029	5.25
32	MP BETA1	X	.029	1.25
33	MP GAMMA1	Y	-.026	5.25
34	MP GAMMA1	Y	-.026	1.25
35	MP GAMMA1	X	.015	5.25
36	MP GAMMA1	X	.015	1.25
37	MP ALPHA4	Y	-.075	3.25
38	MP ALPHA4	X	.043	3.25
39	MP BETA4	Y	-.075	3.25
40	MP BETA4	X	.043	3.25
41	MP GAMMA4	Y	-.05	3.25
42	MP GAMMA4	X	.029	3.25
43	MP ALPHA4	Y	-.055	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft, %]
44	MP ALPHA4	X	.032	3.25
45	MP BETA4	Y	-.055	3.25
46	MP BETA4	X	.032	3.25
47	MP GAMMA4	Y	-.043	3.25
48	MP GAMMA4	X	.025	3.25
49	MP ALPHA3	Y	-.05	3.25
50	MP ALPHA3	X	.029	3.25
51	MP BETA3	Y	-.05	3.25
52	MP BETA3	X	.029	3.25
53	MP GAMMA3	Y	-.032	3.25
54	MP GAMMA3	X	.018	3.25
55	MP ALPHA3	Y	-.047	3.25
56	MP ALPHA3	X	.027	3.25
57	MP BETA3	Y	-.047	3.25
58	MP BETA3	X	.027	3.25
59	MP GAMMA3	Y	-.041	3.25
60	MP GAMMA3	X	.024	3.25
61	MP ALPHA1	Y	-.046	3.25
62	MP ALPHA1	X	.026	3.25
63	MP BETA1	Y	-.046	3.25
64	MP BETA1	X	.026	3.25
65	MP GAMMA1	Y	-.039	3.25
66	MP GAMMA1	X	.022	3.25
67	MP ALPHA3	Y	-.038	3.25
68	MP ALPHA3	X	.022	3.25
69	MP BETA3	Y	-.038	3.25
70	MP BETA3	X	.022	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft, %]
1	MP ALPHA4	Y	-.014	5.833
2	MP ALPHA4	Y	-.014	.667
3	MP BETA4	Y	-.007	5.833
4	MP BETA4	Y	-.007	.667
5	MP GAMMA4	Y	-.007	5.833
6	MP GAMMA4	Y	-.007	.667
7	MP ALPHA3	Y	-.014	5.833
8	MP ALPHA3	Y	-.014	.667
9	MP BETA3	Y	-.007	5.833
10	MP BETA3	Y	-.007	.667
11	MP GAMMA3	Y	-.007	5.833
12	MP GAMMA3	Y	-.007	.667
13	MP ALPHA1	Y	-.004	5.25
14	MP ALPHA1	Y	-.004	1.25
15	MP BETA1	Y	-.002	5.25
16	MP BETA1	Y	-.002	1.25
17	MP GAMMA1	Y	-.002	5.25
18	MP GAMMA1	Y	-.002	1.25
19	MP ALPHA4	Y	-.006	3.25
20	MP BETA4	Y	-.004	3.25
21	MP GAMMA4	Y	-.004	3.25

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

	Member Label	Direction	Magnitude [k,k-ft]	Location [ft,%]
22	MP ALPHA4	Y	-.004	3.25
23	MP BETA4	Y	-.003	3.25
24	MP GAMMA4	Y	-.003	3.25
25	MP ALPHA3	Y	-.004	3.25
26	MP BETA3	Y	-.003	3.25
27	MP GAMMA3	Y	-.003	3.25
28	MP ALPHA3	Y	-.003	3.25
29	MP BETA3	Y	-.003	3.25
30	MP GAMMA3	Y	-.003	3.25
31	MP ALPHA1	Y	-.003	3.25
32	MP BETA1	Y	-.003	3.25
33	MP GAMMA1	Y	-.003	3.25
34	MP ALPHA3	Y	-.003	3.25
35	MP BETA3	Y	-.003	3.25

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

	Member Label	Direction	Magnitude [k,k-ft]	Location [ft,%]
1	MP ALPHA4	Y	-.01	5.833
2	MP ALPHA4	Y	-.01	.667
3	MP ALPHA4	X	-.006	5.833
4	MP ALPHA4	X	-.006	.667
5	MP BETA4	Y	-.004	5.833
6	MP BETA4	Y	-.004	.667
7	MP BETA4	X	-.003	5.833
8	MP BETA4	X	-.003	.667
9	MP GAMMA4	Y	-.01	5.833
10	MP GAMMA4	Y	-.01	.667
11	MP GAMMA4	X	-.006	5.833
12	MP GAMMA4	X	-.006	.667
13	MP ALPHA3	Y	-.01	5.833
14	MP ALPHA3	Y	-.01	.667
15	MP ALPHA3	X	-.006	5.833
16	MP ALPHA3	X	-.006	.667
17	MP BETA3	Y	-.005	5.833
18	MP BETA3	Y	-.005	.667
19	MP BETA3	X	-.003	5.833
20	MP BETA3	X	-.003	.667
21	MP GAMMA3	Y	-.01	5.833
22	MP GAMMA3	Y	-.01	.667
23	MP GAMMA3	X	-.006	5.833
24	MP GAMMA3	X	-.006	.667
25	MP ALPHA1	Y	-.003	5.25
26	MP ALPHA1	Y	-.003	1.25
27	MP ALPHA1	X	-.002	5.25
28	MP ALPHA1	X	-.002	1.25
29	MP BETA1	Y	-.002	5.25
30	MP BETA1	Y	-.002	1.25
31	MP BETA1	X	-.000901	5.25
32	MP BETA1	X	-.000901	1.25
33	MP GAMMA1	Y	-.003	5.25
34	MP GAMMA1	Y	-.003	1.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
35	MP GAMMA1	X	-.002	5.25
36	MP GAMMA1	X	-.002	1.25
37	MP ALPHA4	Y	-.004	3.25
38	MP ALPHA4	X	-.003	3.25
39	MP BETA4	Y	-.003	3.25
40	MP BETA4	X	-.002	3.25
41	MP GAMMA4	Y	-.004	3.25
42	MP GAMMA4	X	-.003	3.25
43	MP ALPHA4	Y	-.003	3.25
44	MP ALPHA4	X	-.002	3.25
45	MP BETA4	Y	-.003	3.25
46	MP BETA4	X	-.001	3.25
47	MP GAMMA4	Y	-.003	3.25
48	MP GAMMA4	X	-.002	3.25
49	MP ALPHA3	Y	-.003	3.25
50	MP ALPHA3	X	-.002	3.25
51	MP BETA3	Y	-.002	3.25
52	MP BETA3	X	-.001	3.25
53	MP GAMMA3	Y	-.003	3.25
54	MP GAMMA3	X	-.002	3.25
55	MP ALPHA3	Y	-.003	3.25
56	MP ALPHA3	X	-.002	3.25
57	MP BETA3	Y	-.002	3.25
58	MP BETA3	X	-.001	3.25
59	MP GAMMA3	Y	-.003	3.25
60	MP GAMMA3	X	-.002	3.25
61	MP ALPHA1	Y	-.003	3.25
62	MP ALPHA1	X	-.002	3.25
63	MP BETA1	Y	-.002	3.25
64	MP BETA1	X	-.001	3.25
65	MP GAMMA1	Y	-.003	3.25
66	MP GAMMA1	X	-.002	3.25
67	MP ALPHA3	Y	-.002	3.25
68	MP ALPHA3	X	-.001	3.25
69	MP BETA3	Y	-.002	3.25
70	MP BETA3	X	-.001	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.004	5.833
2	MP ALPHA4	Y	-.004	.667
3	MP ALPHA4	X	-.006	5.833
4	MP ALPHA4	X	-.006	.667
5	MP BETA4	Y	-.004	5.833
6	MP BETA4	Y	-.004	.667
7	MP BETA4	X	-.006	5.833
8	MP BETA4	X	-.006	.667
9	MP GAMMA4	Y	-.007	5.833
10	MP GAMMA4	Y	-.007	.667
11	MP GAMMA4	X	-.012	5.833
12	MP GAMMA4	X	-.012	.667

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
13	MP ALPHA3	Y	-.004	5.833
14	MP ALPHA3	Y	-.004	.667
15	MP ALPHA3	X	-.006	5.833
16	MP ALPHA3	X	-.006	.667
17	MP BETA3	Y	-.004	5.833
18	MP BETA3	Y	-.004	.667
19	MP BETA3	X	-.006	5.833
20	MP BETA3	X	-.006	.667
21	MP GAMMA3	Y	-.007	5.833
22	MP GAMMA3	Y	-.007	.667
23	MP GAMMA3	X	-.012	5.833
24	MP GAMMA3	X	-.012	.667
25	MP ALPHA1	Y	-.001	5.25
26	MP ALPHA1	Y	-.001	1.25
27	MP ALPHA1	X	-.002	5.25
28	MP ALPHA1	X	-.002	1.25
29	MP BETA1	Y	-.001	5.25
30	MP BETA1	Y	-.001	1.25
31	MP BETA1	X	-.002	5.25
32	MP BETA1	X	-.002	1.25
33	MP GAMMA1	Y	-.002	5.25
34	MP GAMMA1	Y	-.002	1.25
35	MP GAMMA1	X	-.003	5.25
36	MP GAMMA1	X	-.003	1.25
37	MP ALPHA4	Y	-.002	3.25
38	MP ALPHA4	X	-.003	3.25
39	MP BETA4	Y	-.002	3.25
40	MP BETA4	X	-.003	3.25
41	MP GAMMA4	Y	-.003	3.25
42	MP GAMMA4	X	-.005	3.25
43	MP ALPHA4	Y	-.002	3.25
44	MP ALPHA4	X	-.003	3.25
45	MP BETA4	Y	-.002	3.25
46	MP BETA4	X	-.003	3.25
47	MP GAMMA4	Y	-.002	3.25
48	MP GAMMA4	X	-.004	3.25
49	MP ALPHA3	Y	-.001	3.25
50	MP ALPHA3	X	-.002	3.25
51	MP BETA3	Y	-.001	3.25
52	MP BETA3	X	-.002	3.25
53	MP GAMMA3	Y	-.002	3.25
54	MP GAMMA3	X	-.003	3.25
55	MP ALPHA3	Y	-.001	3.25
56	MP ALPHA3	X	-.003	3.25
57	MP BETA3	Y	-.001	3.25
58	MP BETA3	X	-.003	3.25
59	MP GAMMA3	Y	-.002	3.25
60	MP GAMMA3	X	-.003	3.25
61	MP ALPHA1	Y	-.001	3.25
62	MP ALPHA1	X	-.002	3.25
63	MP BETA1	Y	-.001	3.25
64	MP BETA1	X	-.002	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
65	MP GAMMA1	Y	-.002	3.25
66	MP GAMMA1	X	-.003	3.25
67	MP ALPHA3	Y	-.001	3.25
68	MP ALPHA3	X	-.002	3.25
69	MP BETA3	Y	-.001	3.25
70	MP BETA3	X	-.002	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	X	-.005	5.833
2	MP ALPHA4	X	-.005	.667
3	MP BETA4	X	-.012	5.833
4	MP BETA4	X	-.012	.667
5	MP GAMMA4	X	-.012	5.833
6	MP GAMMA4	X	-.012	.667
7	MP ALPHA3	X	-.005	5.833
8	MP ALPHA3	X	-.005	.667
9	MP BETA3	X	-.012	5.833
10	MP BETA3	X	-.012	.667
11	MP GAMMA3	X	-.012	5.833
12	MP GAMMA3	X	-.012	.667
13	MP ALPHA1	X	-.002	5.25
14	MP ALPHA1	X	-.002	1.25
15	MP BETA1	X	-.003	5.25
16	MP BETA1	X	-.003	1.25
17	MP GAMMA1	X	-.003	5.25
18	MP GAMMA1	X	-.003	1.25
19	MP ALPHA4	X	-.003	3.25
20	MP BETA4	X	-.005	3.25
21	MP GAMMA4	X	-.005	3.25
22	MP ALPHA4	X	-.003	3.25
23	MP BETA4	X	-.004	3.25
24	MP GAMMA4	X	-.004	3.25
25	MP ALPHA3	X	-.002	3.25
26	MP BETA3	X	-.003	3.25
27	MP GAMMA3	X	-.003	3.25
28	MP ALPHA3	X	-.003	3.25
29	MP BETA3	X	-.003	3.25
30	MP GAMMA3	X	-.003	3.25
31	MP ALPHA1	X	-.003	3.25
32	MP BETA1	X	-.003	3.25
33	MP GAMMA1	X	-.003	3.25
34	MP ALPHA3	X	-.003	3.25
35	MP BETA3	X	-.003	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.004	5.833
2	MP ALPHA4	Y	.004	.667
3	MP ALPHA4	X	-.006	5.833
4	MP ALPHA4	X	-.006	.667

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
5	MP BETA4	Y	.007	5.833
6	MP BETA4	Y	.007	.667
7	MP BETA4	X	-.012	5.833
8	MP BETA4	X	-.012	.667
9	MP GAMMA4	Y	.004	5.833
10	MP GAMMA4	Y	.004	.667
11	MP GAMMA4	X	-.006	5.833
12	MP GAMMA4	X	-.006	.667
13	MP ALPHA3	Y	.004	5.833
14	MP ALPHA3	Y	.004	.667
15	MP ALPHA3	X	-.006	5.833
16	MP ALPHA3	X	-.006	.667
17	MP BETA3	Y	.007	5.833
18	MP BETA3	Y	.007	.667
19	MP BETA3	X	-.012	5.833
20	MP BETA3	X	-.012	.667
21	MP GAMMA3	Y	.004	5.833
22	MP GAMMA3	Y	.004	.667
23	MP GAMMA3	X	-.006	5.833
24	MP GAMMA3	X	-.006	.667
25	MP ALPHA1	Y	.001	5.25
26	MP ALPHA1	Y	.001	1.25
27	MP ALPHA1	X	-.002	5.25
28	MP ALPHA1	X	-.002	1.25
29	MP BETA1	Y	.002	5.25
30	MP BETA1	Y	.002	1.25
31	MP BETA1	X	-.003	5.25
32	MP BETA1	X	-.003	1.25
33	MP GAMMA1	Y	.001	5.25
34	MP GAMMA1	Y	.001	1.25
35	MP GAMMA1	X	-.002	5.25
36	MP GAMMA1	X	-.002	1.25
37	MP ALPHA4	Y	.002	3.25
38	MP ALPHA4	X	-.003	3.25
39	MP BETA4	Y	.003	3.25
40	MP BETA4	X	-.005	3.25
41	MP GAMMA4	Y	.002	3.25
42	MP GAMMA4	X	-.003	3.25
43	MP ALPHA4	Y	.002	3.25
44	MP ALPHA4	X	-.003	3.25
45	MP BETA4	Y	.002	3.25
46	MP BETA4	X	-.004	3.25
47	MP GAMMA4	Y	.002	3.25
48	MP GAMMA4	X	-.003	3.25
49	MP ALPHA3	Y	.001	3.25
50	MP ALPHA3	X	-.002	3.25
51	MP BETA3	Y	.002	3.25
52	MP BETA3	X	-.003	3.25
53	MP GAMMA3	Y	.001	3.25
54	MP GAMMA3	X	-.002	3.25
55	MP ALPHA3	Y	.001	3.25
56	MP ALPHA3	X	-.003	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
57	MP BETA3	Y	.002	3.25
58	MP BETA3	X	-.003	3.25
59	MP GAMMA3	Y	.001	3.25
60	MP GAMMA3	X	-.003	3.25
61	MP ALPHA1	Y	.001	3.25
62	MP ALPHA1	X	-.002	3.25
63	MP BETA1	Y	.002	3.25
64	MP BETA1	X	-.003	3.25
65	MP GAMMA1	Y	.001	3.25
66	MP GAMMA1	X	-.002	3.25
67	MP ALPHA3	Y	.001	3.25
68	MP ALPHA3	X	-.002	3.25
69	MP BETA3	Y	.001	3.25
70	MP BETA3	X	-.002	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.01	5.833
2	MP ALPHA4	Y	.01	.667
3	MP ALPHA4	X	-.006	5.833
4	MP ALPHA4	X	-.006	.667
5	MP BETA4	Y	.01	5.833
6	MP BETA4	Y	.01	.667
7	MP BETA4	X	-.006	5.833
8	MP BETA4	X	-.006	.667
9	MP GAMMA4	Y	.004	5.833
10	MP GAMMA4	Y	.004	.667
11	MP GAMMA4	X	-.003	5.833
12	MP GAMMA4	X	-.003	.667
13	MP ALPHA3	Y	.01	5.833
14	MP ALPHA3	Y	.01	.667
15	MP ALPHA3	X	-.006	5.833
16	MP ALPHA3	X	-.006	.667
17	MP BETA3	Y	.01	5.833
18	MP BETA3	Y	.01	.667
19	MP BETA3	X	-.006	5.833
20	MP BETA3	X	-.006	.667
21	MP GAMMA3	Y	.005	5.833
22	MP GAMMA3	Y	.005	.667
23	MP GAMMA3	X	-.003	5.833
24	MP GAMMA3	X	-.003	.667
25	MP ALPHA1	Y	.003	5.25
26	MP ALPHA1	Y	.003	1.25
27	MP ALPHA1	X	-.002	5.25
28	MP ALPHA1	X	-.002	1.25
29	MP BETA1	Y	.003	5.25
30	MP BETA1	Y	.003	1.25
31	MP BETA1	X	-.002	5.25
32	MP BETA1	X	-.002	1.25
33	MP GAMMA1	Y	.002	5.25
34	MP GAMMA1	Y	.002	1.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
35	MP GAMMA1	X	-.000901	5.25
36	MP GAMMA1	X	-.000901	1.25
37	MP ALPHA4	Y	.004	3.25
38	MP ALPHA4	X	-.003	3.25
39	MP BETA4	Y	.004	3.25
40	MP BETA4	X	-.003	3.25
41	MP GAMMA4	Y	.003	3.25
42	MP GAMMA4	X	-.002	3.25
43	MP ALPHA4	Y	.003	3.25
44	MP ALPHA4	X	-.002	3.25
45	MP BETA4	Y	.003	3.25
46	MP BETA4	X	-.002	3.25
47	MP GAMMA4	Y	.003	3.25
48	MP GAMMA4	X	-.001	3.25
49	MP ALPHA3	Y	.003	3.25
50	MP ALPHA3	X	-.002	3.25
51	MP BETA3	Y	.003	3.25
52	MP BETA3	X	-.002	3.25
53	MP GAMMA3	Y	.002	3.25
54	MP GAMMA3	X	-.001	3.25
55	MP ALPHA3	Y	.003	3.25
56	MP ALPHA3	X	-.002	3.25
57	MP BETA3	Y	.003	3.25
58	MP BETA3	X	-.002	3.25
59	MP GAMMA3	Y	.002	3.25
60	MP GAMMA3	X	-.001	3.25
61	MP ALPHA1	Y	.003	3.25
62	MP ALPHA1	X	-.002	3.25
63	MP BETA1	Y	.003	3.25
64	MP BETA1	X	-.002	3.25
65	MP GAMMA1	Y	.002	3.25
66	MP GAMMA1	X	-.001	3.25
67	MP ALPHA3	Y	.002	3.25
68	MP ALPHA3	X	-.001	3.25
69	MP BETA3	Y	.002	3.25
70	MP BETA3	X	-.001	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.014	5.833
2	MP ALPHA4	Y	.014	.667
3	MP BETA4	Y	.007	5.833
4	MP BETA4	Y	.007	.667
5	MP GAMMA4	Y	.007	5.833
6	MP GAMMA4	Y	.007	.667
7	MP ALPHA3	Y	.014	5.833
8	MP ALPHA3	Y	.014	.667
9	MP BETA3	Y	.007	5.833
10	MP BETA3	Y	.007	.667
11	MP GAMMA3	Y	.007	5.833
12	MP GAMMA3	Y	.007	.667

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
13	MP ALPHA1	Y	.004	5.25
14	MP ALPHA1	Y	.004	1.25
15	MP BETA1	Y	.002	5.25
16	MP BETA1	Y	.002	1.25
17	MP GAMMA1	Y	.002	5.25
18	MP GAMMA1	Y	.002	1.25
19	MP ALPHA4	Y	.006	3.25
20	MP BETA4	Y	.004	3.25
21	MP GAMMA4	Y	.004	3.25
22	MP ALPHA4	Y	.004	3.25
23	MP BETA4	Y	.003	3.25
24	MP GAMMA4	Y	.003	3.25
25	MP ALPHA3	Y	.004	3.25
26	MP BETA3	Y	.003	3.25
27	MP GAMMA3	Y	.003	3.25
28	MP ALPHA3	Y	.003	3.25
29	MP BETA3	Y	.003	3.25
30	MP GAMMA3	Y	.003	3.25
31	MP ALPHA1	Y	.003	3.25
32	MP BETA1	Y	.003	3.25
33	MP GAMMA1	Y	.003	3.25
34	MP ALPHA3	Y	.003	3.25
35	MP BETA3	Y	.003	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.01	5.833
2	MP ALPHA4	Y	.01	.667
3	MP ALPHA4	X	.006	5.833
4	MP ALPHA4	X	.006	.667
5	MP BETA4	Y	.004	5.833
6	MP BETA4	Y	.004	.667
7	MP BETA4	X	.003	5.833
8	MP BETA4	X	.003	.667
9	MP GAMMA4	Y	.01	5.833
10	MP GAMMA4	Y	.01	.667
11	MP GAMMA4	X	.006	5.833
12	MP GAMMA4	X	.006	.667
13	MP ALPHA3	Y	.01	5.833
14	MP ALPHA3	Y	.01	.667
15	MP ALPHA3	X	.006	5.833
16	MP ALPHA3	X	.006	.667
17	MP BETA3	Y	.005	5.833
18	MP BETA3	Y	.005	.667
19	MP BETA3	X	.003	5.833
20	MP BETA3	X	.003	.667
21	MP GAMMA3	Y	.01	5.833
22	MP GAMMA3	Y	.01	.667
23	MP GAMMA3	X	.006	5.833
24	MP GAMMA3	X	.006	.667
25	MP ALPHA1	Y	.003	5.25

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

	Member Label	Direction	Magnitudel[k,k-ft]	Location [ft, %]
26	MP ALPHA1	Y	.003	1.25
27	MP ALPHA1	X	.002	5.25
28	MP ALPHA1	X	.002	1.25
29	MP BETA1	Y	.002	5.25
30	MP BETA1	Y	.002	1.25
31	MP BETA1	X	.000901	5.25
32	MP BETA1	X	.000901	1.25
33	MP GAMMA1	Y	.003	5.25
34	MP GAMMA1	Y	.003	1.25
35	MP GAMMA1	X	.002	5.25
36	MP GAMMA1	X	.002	1.25
37	MP ALPHA4	Y	.004	3.25
38	MP ALPHA4	X	.003	3.25
39	MP BETA4	Y	.003	3.25
40	MP BETA4	X	.002	3.25
41	MP GAMMA4	Y	.004	3.25
42	MP GAMMA4	X	.003	3.25
43	MP ALPHA4	Y	.003	3.25
44	MP ALPHA4	X	.002	3.25
45	MP BETA4	Y	.003	3.25
46	MP BETA4	X	.001	3.25
47	MP GAMMA4	Y	.003	3.25
48	MP GAMMA4	X	.002	3.25
49	MP ALPHA3	Y	.003	3.25
50	MP ALPHA3	X	.002	3.25
51	MP BETA3	Y	.002	3.25
52	MP BETA3	X	.001	3.25
53	MP GAMMA3	Y	.003	3.25
54	MP GAMMA3	X	.002	3.25
55	MP ALPHA3	Y	.003	3.25
56	MP ALPHA3	X	.002	3.25
57	MP BETA3	Y	.002	3.25
58	MP BETA3	X	.001	3.25
59	MP GAMMA3	Y	.003	3.25
60	MP GAMMA3	X	.002	3.25
61	MP ALPHA1	Y	.003	3.25
62	MP ALPHA1	X	.002	3.25
63	MP BETA1	Y	.002	3.25
64	MP BETA1	X	.001	3.25
65	MP GAMMA1	Y	.003	3.25
66	MP GAMMA1	X	.002	3.25
67	MP ALPHA3	Y	.002	3.25
68	MP ALPHA3	X	.001	3.25
69	MP BETA3	Y	.002	3.25
70	MP BETA3	X	.001	3.25

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

	Member Label	Direction	Magnitudel[k,k-ft]	Location [ft, %]
1	MP ALPHA4	Y	.004	5.833
2	MP ALPHA4	Y	.004	.667
3	MP ALPHA4	X	.006	5.833

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

	Member Label	Direction	Magnitude [k,k-ft]	Location [ft, %]
4	MP ALPHA4	X	.006	.667
5	MP BETA4	Y	.004	5.833
6	MP BETA4	Y	.004	.667
7	MP BETA4	X	.006	5.833
8	MP BETA4	X	.006	.667
9	MP GAMMA4	Y	.007	5.833
10	MP GAMMA4	Y	.007	.667
11	MP GAMMA4	X	.012	5.833
12	MP GAMMA4	X	.012	.667
13	MP ALPHA3	Y	.004	5.833
14	MP ALPHA3	Y	.004	.667
15	MP ALPHA3	X	.006	5.833
16	MP ALPHA3	X	.006	.667
17	MP BETA3	Y	.004	5.833
18	MP BETA3	Y	.004	.667
19	MP BETA3	X	.006	5.833
20	MP BETA3	X	.006	.667
21	MP GAMMA3	Y	.007	5.833
22	MP GAMMA3	Y	.007	.667
23	MP GAMMA3	X	.012	5.833
24	MP GAMMA3	X	.012	.667
25	MP ALPHA1	Y	.001	5.25
26	MP ALPHA1	Y	.001	1.25
27	MP ALPHA1	X	.002	5.25
28	MP ALPHA1	X	.002	1.25
29	MP BETA1	Y	.001	5.25
30	MP BETA1	Y	.001	1.25
31	MP BETA1	X	.002	5.25
32	MP BETA1	X	.002	1.25
33	MP GAMMA1	Y	.002	5.25
34	MP GAMMA1	Y	.002	1.25
35	MP GAMMA1	X	.003	5.25
36	MP GAMMA1	X	.003	1.25
37	MP ALPHA4	Y	.002	3.25
38	MP ALPHA4	X	.003	3.25
39	MP BETA4	Y	.002	3.25
40	MP BETA4	X	.003	3.25
41	MP GAMMA4	Y	.003	3.25
42	MP GAMMA4	X	.005	3.25
43	MP ALPHA4	Y	.002	3.25
44	MP ALPHA4	X	.003	3.25
45	MP BETA4	Y	.002	3.25
46	MP BETA4	X	.003	3.25
47	MP GAMMA4	Y	.002	3.25
48	MP GAMMA4	X	.004	3.25
49	MP ALPHA3	Y	.001	3.25
50	MP ALPHA3	X	.002	3.25
51	MP BETA3	Y	.001	3.25
52	MP BETA3	X	.002	3.25
53	MP GAMMA3	Y	.002	3.25
54	MP GAMMA3	X	.003	3.25
55	MP ALPHA3	Y	.001	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
56	MP ALPHA3	X	.003	3.25
57	MP BETA3	Y	.001	3.25
58	MP BETA3	X	.003	3.25
59	MP GAMMA3	Y	.002	3.25
60	MP GAMMA3	X	.003	3.25
61	MP ALPHA1	Y	.001	3.25
62	MP ALPHA1	X	.002	3.25
63	MP BETA1	Y	.001	3.25
64	MP BETA1	X	.002	3.25
65	MP GAMMA1	Y	.002	3.25
66	MP GAMMA1	X	.003	3.25
67	MP ALPHA3	Y	.001	3.25
68	MP ALPHA3	X	.002	3.25
69	MP BETA3	Y	.001	3.25
70	MP BETA3	X	.002	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	X	.005	5.833
2	MP ALPHA4	X	.005	.667
3	MP BETA4	X	.012	5.833
4	MP BETA4	X	.012	.667
5	MP GAMMA4	X	.012	5.833
6	MP GAMMA4	X	.012	.667
7	MP ALPHA3	X	.005	5.833
8	MP ALPHA3	X	.005	.667
9	MP BETA3	X	.012	5.833
10	MP BETA3	X	.012	.667
11	MP GAMMA3	X	.012	5.833
12	MP GAMMA3	X	.012	.667
13	MP ALPHA1	X	.002	5.25
14	MP ALPHA1	X	.002	1.25
15	MP BETA1	X	.003	5.25
16	MP BETA1	X	.003	1.25
17	MP GAMMA1	X	.003	5.25
18	MP GAMMA1	X	.003	1.25
19	MP ALPHA4	X	.003	3.25
20	MP BETA4	X	.005	3.25
21	MP GAMMA4	X	.005	3.25
22	MP ALPHA4	X	.003	3.25
23	MP BETA4	X	.004	3.25
24	MP GAMMA4	X	.004	3.25
25	MP ALPHA3	X	.002	3.25
26	MP BETA3	X	.003	3.25
27	MP GAMMA3	X	.003	3.25
28	MP ALPHA3	X	.003	3.25
29	MP BETA3	X	.003	3.25
30	MP GAMMA3	X	.003	3.25
31	MP ALPHA1	X	.003	3.25
32	MP BETA1	X	.003	3.25
33	MP GAMMA1	X	.003	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft. %]
34	MP ALPHA3	X	.003	3.25
35	MP BETA3	X	.003	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft. %]
1	MP ALPHA4	Y	-.004	5.833
2	MP ALPHA4	Y	-.004	.667
3	MP ALPHA4	X	.006	5.833
4	MP ALPHA4	X	.006	.667
5	MP BETA4	Y	-.007	5.833
6	MP BETA4	Y	-.007	.667
7	MP BETA4	X	.012	5.833
8	MP BETA4	X	.012	.667
9	MP GAMMA4	Y	-.004	5.833
10	MP GAMMA4	Y	-.004	.667
11	MP GAMMA4	X	.006	5.833
12	MP GAMMA4	X	.006	.667
13	MP ALPHA3	Y	-.004	5.833
14	MP ALPHA3	Y	-.004	.667
15	MP ALPHA3	X	.006	5.833
16	MP ALPHA3	X	.006	.667
17	MP BETA3	Y	-.007	5.833
18	MP BETA3	Y	-.007	.667
19	MP BETA3	X	.012	5.833
20	MP BETA3	X	.012	.667
21	MP GAMMA3	Y	-.004	5.833
22	MP GAMMA3	Y	-.004	.667
23	MP GAMMA3	X	.006	5.833
24	MP GAMMA3	X	.006	.667
25	MP ALPHA1	Y	-.001	5.25
26	MP ALPHA1	Y	-.001	1.25
27	MP ALPHA1	X	.002	5.25
28	MP ALPHA1	X	.002	1.25
29	MP BETA1	Y	-.002	5.25
30	MP BETA1	Y	-.002	1.25
31	MP BETA1	X	.003	5.25
32	MP BETA1	X	.003	1.25
33	MP GAMMA1	Y	-.001	5.25
34	MP GAMMA1	Y	-.001	1.25
35	MP GAMMA1	X	.002	5.25
36	MP GAMMA1	X	.002	1.25
37	MP ALPHA4	Y	-.002	3.25
38	MP ALPHA4	X	.003	3.25
39	MP BETA4	Y	-.003	3.25
40	MP BETA4	X	.005	3.25
41	MP GAMMA4	Y	-.002	3.25
42	MP GAMMA4	X	.003	3.25
43	MP ALPHA4	Y	-.002	3.25
44	MP ALPHA4	X	.003	3.25
45	MP BETA4	Y	-.002	3.25
46	MP BETA4	X	.004	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
47	MP GAMMA4	Y	-.002	3.25
48	MP GAMMA4	X	.003	3.25
49	MP ALPHA3	Y	-.001	3.25
50	MP ALPHA3	X	.002	3.25
51	MP BETA3	Y	-.002	3.25
52	MP BETA3	X	.003	3.25
53	MP GAMMA3	Y	-.001	3.25
54	MP GAMMA3	X	.002	3.25
55	MP ALPHA3	Y	-.001	3.25
56	MP ALPHA3	X	.003	3.25
57	MP BETA3	Y	-.002	3.25
58	MP BETA3	X	.003	3.25
59	MP GAMMA3	Y	-.001	3.25
60	MP GAMMA3	X	.003	3.25
61	MP ALPHA1	Y	-.001	3.25
62	MP ALPHA1	X	.002	3.25
63	MP BETA1	Y	-.002	3.25
64	MP BETA1	X	.003	3.25
65	MP GAMMA1	Y	-.001	3.25
66	MP GAMMA1	X	.002	3.25
67	MP ALPHA3	Y	-.001	3.25
68	MP ALPHA3	X	.002	3.25
69	MP BETA3	Y	-.001	3.25
70	MP BETA3	X	.002	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.01	5.833
2	MP ALPHA4	Y	-.01	.667
3	MP ALPHA4	X	.006	5.833
4	MP ALPHA4	X	.006	.667
5	MP BETA4	Y	-.01	5.833
6	MP BETA4	Y	-.01	.667
7	MP BETA4	X	.006	5.833
8	MP BETA4	X	.006	.667
9	MP GAMMA4	Y	-.004	5.833
10	MP GAMMA4	Y	-.004	.667
11	MP GAMMA4	X	.003	5.833
12	MP GAMMA4	X	.003	.667
13	MP ALPHA3	Y	-.01	5.833
14	MP ALPHA3	Y	-.01	.667
15	MP ALPHA3	X	.006	5.833
16	MP ALPHA3	X	.006	.667
17	MP BETA3	Y	-.01	5.833
18	MP BETA3	Y	-.01	.667
19	MP BETA3	X	.006	5.833
20	MP BETA3	X	.006	.667
21	MP GAMMA3	Y	-.005	5.833
22	MP GAMMA3	Y	-.005	.667
23	MP GAMMA3	X	.003	5.833
24	MP GAMMA3	X	.003	.667

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

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft. %]
25	MP ALPHA1	Y	-.003	5.25
26	MP ALPHA1	Y	-.003	1.25
27	MP ALPHA1	X	.002	5.25
28	MP ALPHA1	X	.002	1.25
29	MP BETA1	Y	-.003	5.25
30	MP BETA1	Y	-.003	1.25
31	MP BETA1	X	.002	5.25
32	MP BETA1	X	.002	1.25
33	MP GAMMA1	Y	-.002	5.25
34	MP GAMMA1	Y	-.002	1.25
35	MP GAMMA1	X	.000901	5.25
36	MP GAMMA1	X	.000901	1.25
37	MP ALPHA4	Y	-.004	3.25
38	MP ALPHA4	X	.003	3.25
39	MP BETA4	Y	-.004	3.25
40	MP BETA4	X	.003	3.25
41	MP GAMMA4	Y	-.003	3.25
42	MP GAMMA4	X	.002	3.25
43	MP ALPHA4	Y	-.003	3.25
44	MP ALPHA4	X	.002	3.25
45	MP BETA4	Y	-.003	3.25
46	MP BETA4	X	.002	3.25
47	MP GAMMA4	Y	-.003	3.25
48	MP GAMMA4	X	.001	3.25
49	MP ALPHA3	Y	-.003	3.25
50	MP ALPHA3	X	.002	3.25
51	MP BETA3	Y	-.003	3.25
52	MP BETA3	X	.002	3.25
53	MP GAMMA3	Y	-.002	3.25
54	MP GAMMA3	X	.001	3.25
55	MP ALPHA3	Y	-.003	3.25
56	MP ALPHA3	X	.002	3.25
57	MP BETA3	Y	-.003	3.25
58	MP BETA3	X	.002	3.25
59	MP GAMMA3	Y	-.002	3.25
60	MP GAMMA3	X	.001	3.25
61	MP ALPHA1	Y	-.003	3.25
62	MP ALPHA1	X	.002	3.25
63	MP BETA1	Y	-.003	3.25
64	MP BETA1	X	.002	3.25
65	MP GAMMA1	Y	-.002	3.25
66	MP GAMMA1	X	.001	3.25
67	MP ALPHA3	Y	-.002	3.25
68	MP ALPHA3	X	.001	3.25
69	MP BETA3	Y	-.002	3.25
70	MP BETA3	X	.001	3.25

Member Point Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft. %]
1	MP ALPHA4	Z	-.09	5.833
2	MP ALPHA4	Z	-.09	.667

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
3	MP BETA4	Z	-09	5.833
4	MP BETA4	Z	-09	.667
5	MP GAMMA4	Z	-09	5.833
6	MP GAMMA4	Z	-09	.667
7	MP ALPHA3	Z	-091	5.833
8	MP ALPHA3	Z	-091	.667
9	MP BETA3	Z	-091	5.833
10	MP BETA3	Z	-091	.667
11	MP GAMMA3	Z	-091	5.833
12	MP GAMMA3	Z	-091	.667
13	MP ALPHA1	Z	-041	5.25
14	MP ALPHA1	Z	-041	1.25
15	MP BETA1	Z	-041	5.25
16	MP BETA1	Z	-041	1.25
17	MP GAMMA1	Z	-041	5.25
18	MP GAMMA1	Z	-041	1.25
19	MP ALPHA4	Z	-053	3.25
20	MP BETA4	Z	-053	3.25
21	MP GAMMA4	Z	-053	3.25
22	MP ALPHA4	Z	-047	3.25
23	MP BETA4	Z	-047	3.25
24	MP GAMMA4	Z	-047	3.25
25	MP ALPHA3	Z	-04	3.25
26	MP BETA3	Z	-04	3.25
27	MP GAMMA3	Z	-04	3.25
28	MP ALPHA3	Z	-045	3.25
29	MP BETA3	Z	-045	3.25
30	MP GAMMA3	Z	-045	3.25
31	MP ALPHA1	Z	-041	3.25
32	MP BETA1	Z	-041	3.25
33	MP GAMMA1	Z	-041	3.25
34	MP ALPHA3	Z	-07	3.25
35	MP BETA3	Z	-07	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-04	5.833
2	MP ALPHA4	Y	-04	.667
3	MP BETA4	Y	-023	5.833
4	MP BETA4	Y	-023	.667
5	MP GAMMA4	Y	-023	5.833
6	MP GAMMA4	Y	-023	.667
7	MP ALPHA3	Y	-04	5.833
8	MP ALPHA3	Y	-04	.667
9	MP BETA3	Y	-023	5.833
10	MP BETA3	Y	-023	.667
11	MP GAMMA3	Y	-023	5.833
12	MP GAMMA3	Y	-023	.667
13	MP ALPHA1	Y	-012	5.25
14	MP ALPHA1	Y	-012	1.25
15	MP BETA1	Y	-008	5.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
16	MP BETA1	Y	-.008	1.25
17	MP GAMMA1	Y	-.008	5.25
18	MP GAMMA1	Y	-.008	1.25
19	MP ALPHA4	Y	-.012	3.25
20	MP BETA4	Y	-.009	3.25
21	MP GAMMA4	Y	-.009	3.25
22	MP ALPHA4	Y	-.009	3.25
23	MP BETA4	Y	-.007	3.25
24	MP GAMMA4	Y	-.007	3.25
25	MP ALPHA3	Y	-.008	3.25
26	MP BETA3	Y	-.006	3.25
27	MP GAMMA3	Y	-.006	3.25
28	MP ALPHA3	Y	-.007	3.25
29	MP BETA3	Y	-.007	3.25
30	MP GAMMA3	Y	-.007	3.25
31	MP ALPHA1	Y	-.008	3.25
32	MP BETA1	Y	-.007	3.25
33	MP GAMMA1	Y	-.007	3.25
34	MP ALPHA3	Y	-.013	3.25
35	MP BETA3	Y	-.013	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.029	5.833
2	MP ALPHA4	Y	-.029	.667
3	MP ALPHA4	X	-.017	5.833
4	MP ALPHA4	X	-.017	.667
5	MP BETA4	Y	-.015	5.833
6	MP BETA4	Y	-.015	.667
7	MP BETA4	X	-.009	5.833
8	MP BETA4	X	-.009	.667
9	MP GAMMA4	Y	-.029	5.833
10	MP GAMMA4	Y	-.029	.667
11	MP GAMMA4	X	-.017	5.833
12	MP GAMMA4	X	-.017	.667
13	MP ALPHA3	Y	-.03	5.833
14	MP ALPHA3	Y	-.03	.667
15	MP ALPHA3	X	-.017	5.833
16	MP ALPHA3	X	-.017	.667
17	MP BETA3	Y	-.015	5.833
18	MP BETA3	Y	-.015	.667
19	MP BETA3	X	-.009	5.833
20	MP BETA3	X	-.009	.667
21	MP GAMMA3	Y	-.03	5.833
22	MP GAMMA3	Y	-.03	.667
23	MP GAMMA3	X	-.017	5.833
24	MP GAMMA3	X	-.017	.667
25	MP ALPHA1	Y	-.01	5.25
26	MP ALPHA1	Y	-.01	1.25
27	MP ALPHA1	X	-.006	5.25
28	MP ALPHA1	X	-.006	1.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
29	MP BETA1	Y	-0.06	5.25
30	MP BETA1	Y	-0.06	1.25
31	MP BETA1	X	-0.03	5.25
32	MP BETA1	X	-0.03	1.25
33	MP GAMMA1	Y	-0.1	5.25
34	MP GAMMA1	Y	-0.1	1.25
35	MP GAMMA1	X	-0.06	5.25
36	MP GAMMA1	X	-0.06	1.25
37	MP ALPHA4	Y	-0.09	3.25
38	MP ALPHA4	X	-0.05	3.25
39	MP BETA4	Y	-0.07	3.25
40	MP BETA4	X	-0.04	3.25
41	MP GAMMA4	Y	-0.09	3.25
42	MP GAMMA4	X	-0.05	3.25
43	MP ALPHA4	Y	-0.07	3.25
44	MP ALPHA4	X	-0.04	3.25
45	MP BETA4	Y	-0.06	3.25
46	MP BETA4	X	-0.03	3.25
47	MP GAMMA4	Y	-0.07	3.25
48	MP GAMMA4	X	-0.04	3.25
49	MP ALPHA3	Y	-0.07	3.25
50	MP ALPHA3	X	-0.04	3.25
51	MP BETA3	Y	-0.05	3.25
52	MP BETA3	X	-0.03	3.25
53	MP GAMMA3	Y	-0.07	3.25
54	MP GAMMA3	X	-0.04	3.25
55	MP ALPHA3	Y	-0.06	3.25
56	MP ALPHA3	X	-0.04	3.25
57	MP BETA3	Y	-0.06	3.25
58	MP BETA3	X	-0.03	3.25
59	MP GAMMA3	Y	-0.06	3.25
60	MP GAMMA3	X	-0.04	3.25
61	MP ALPHA1	Y	-0.07	3.25
62	MP ALPHA1	X	-0.04	3.25
63	MP BETA1	Y	-0.06	3.25
64	MP BETA1	X	-0.04	3.25
65	MP GAMMA1	Y	-0.07	3.25
66	MP GAMMA1	X	-0.04	3.25
67	MP ALPHA3	Y	-0.11	3.25
68	MP ALPHA3	X	-0.06	3.25
69	MP BETA3	Y	-0.11	3.25
70	MP BETA3	X	-0.06	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-0.11	5.833
2	MP ALPHA4	Y	-0.11	.667
3	MP ALPHA4	X	-0.02	5.833
4	MP ALPHA4	X	-0.02	.667
5	MP BETA4	Y	-0.11	5.833
6	MP BETA4	Y	-0.11	.667

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

	Member Label	Direction	Magnitude [k,k-ft]	Location [ft, %]
7	MP BETA4	X	-02	5.833
8	MP BETA4	X	-02	.667
9	MP GAMMA4	Y	-02	5.833
10	MP GAMMA4	Y	-02	.667
11	MP GAMMA4	X	-034	5.833
12	MP GAMMA4	X	-034	.667
13	MP ALPHA3	Y	-012	5.833
14	MP ALPHA3	Y	-012	.667
15	MP ALPHA3	X	-02	5.833
16	MP ALPHA3	X	-02	.667
17	MP BETA3	Y	-012	5.833
18	MP BETA3	Y	-012	.667
19	MP BETA3	X	-02	5.833
20	MP BETA3	X	-02	.667
21	MP GAMMA3	Y	-02	5.833
22	MP GAMMA3	Y	-02	.667
23	MP GAMMA3	X	-035	5.833
24	MP GAMMA3	X	-035	.667
25	MP ALPHA1	Y	-004	5.25
26	MP ALPHA1	Y	-004	1.25
27	MP ALPHA1	X	-007	5.25
28	MP ALPHA1	X	-007	1.25
29	MP BETA1	Y	-004	5.25
30	MP BETA1	Y	-004	1.25
31	MP BETA1	X	-007	5.25
32	MP BETA1	X	-007	1.25
33	MP GAMMA1	Y	-006	5.25
34	MP GAMMA1	Y	-006	1.25
35	MP GAMMA1	X	-011	5.25
36	MP GAMMA1	X	-011	1.25
37	MP ALPHA4	Y	-004	3.25
38	MP ALPHA4	X	-008	3.25
39	MP BETA4	Y	-004	3.25
40	MP BETA4	X	-008	3.25
41	MP GAMMA4	Y	-006	3.25
42	MP GAMMA4	X	-01	3.25
43	MP ALPHA4	Y	-004	3.25
44	MP ALPHA4	X	-006	3.25
45	MP BETA4	Y	-004	3.25
46	MP BETA4	X	-006	3.25
47	MP GAMMA4	Y	-004	3.25
48	MP GAMMA4	X	-008	3.25
49	MP ALPHA3	Y	-003	3.25
50	MP ALPHA3	X	-005	3.25
51	MP BETA3	Y	-003	3.25
52	MP BETA3	X	-005	3.25
53	MP GAMMA3	Y	-004	3.25
54	MP GAMMA3	X	-007	3.25
55	MP ALPHA3	Y	-003	3.25
56	MP ALPHA3	X	-006	3.25
57	MP BETA3	Y	-003	3.25
58	MP BETA3	X	-006	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft. %]
59	MP GAMMA3	Y	-.004	3.25
60	MP GAMMA3	X	-.006	3.25
61	MP ALPHA1	Y	-.004	3.25
62	MP ALPHA1	X	-.006	3.25
63	MP BETA1	Y	-.004	3.25
64	MP BETA1	X	-.006	3.25
65	MP GAMMA1	Y	-.004	3.25
66	MP GAMMA1	X	-.007	3.25
67	MP ALPHA3	Y	-.006	3.25
68	MP ALPHA3	X	-.011	3.25
69	MP BETA3	Y	-.006	3.25
70	MP BETA3	X	-.011	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft. %]
1	MP ALPHA4	X	-.017	5.833
2	MP ALPHA4	X	-.017	.667
3	MP BETA4	X	-.034	5.833
4	MP BETA4	X	-.034	.667
5	MP GAMMA4	X	-.034	5.833
6	MP GAMMA4	X	-.034	.667
7	MP ALPHA3	X	-.018	5.833
8	MP ALPHA3	X	-.018	.667
9	MP BETA3	X	-.035	5.833
10	MP BETA3	X	-.035	.667
11	MP GAMMA3	X	-.035	5.833
12	MP GAMMA3	X	-.035	.667
13	MP ALPHA1	X	-.007	5.25
14	MP ALPHA1	X	-.007	1.25
15	MP BETA1	X	-.011	5.25
16	MP BETA1	X	-.011	1.25
17	MP GAMMA1	X	-.011	5.25
18	MP GAMMA1	X	-.011	1.25
19	MP ALPHA4	X	-.008	3.25
20	MP BETA4	X	-.011	3.25
21	MP GAMMA4	X	-.011	3.25
22	MP ALPHA4	X	-.007	3.25
23	MP BETA4	X	-.008	3.25
24	MP GAMMA4	X	-.008	3.25
25	MP ALPHA3	X	-.005	3.25
26	MP BETA3	X	-.008	3.25
27	MP GAMMA3	X	-.008	3.25
28	MP ALPHA3	X	-.006	3.25
29	MP BETA3	X	-.007	3.25
30	MP GAMMA3	X	-.007	3.25
31	MP ALPHA1	X	-.007	3.25
32	MP BETA1	X	-.008	3.25
33	MP GAMMA1	X	-.008	3.25
34	MP ALPHA3	X	-.013	3.25
35	MP BETA3	X	-.013	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.011	5.833
2	MP ALPHA4	Y	.011	.667
3	MP ALPHA4	X	-.02	5.833
4	MP ALPHA4	X	-.02	.667
5	MP BETA4	Y	.02	5.833
6	MP BETA4	Y	.02	.667
7	MP BETA4	X	-.034	5.833
8	MP BETA4	X	-.034	.667
9	MP GAMMA4	Y	.011	5.833
10	MP GAMMA4	Y	.011	.667
11	MP GAMMA4	X	-.02	5.833
12	MP GAMMA4	X	-.02	.667
13	MP ALPHA3	Y	.012	5.833
14	MP ALPHA3	Y	.012	.667
15	MP ALPHA3	X	-.02	5.833
16	MP ALPHA3	X	-.02	.667
17	MP BETA3	Y	.02	5.833
18	MP BETA3	Y	.02	.667
19	MP BETA3	X	-.035	5.833
20	MP BETA3	X	-.035	.667
21	MP GAMMA3	Y	.012	5.833
22	MP GAMMA3	Y	.012	.667
23	MP GAMMA3	X	-.02	5.833
24	MP GAMMA3	X	-.02	.667
25	MP ALPHA1	Y	.004	5.25
26	MP ALPHA1	Y	.004	1.25
27	MP ALPHA1	X	-.007	5.25
28	MP ALPHA1	X	-.007	1.25
29	MP BETA1	Y	.006	5.25
30	MP BETA1	Y	.006	1.25
31	MP BETA1	X	-.011	5.25
32	MP BETA1	X	-.011	1.25
33	MP GAMMA1	Y	.004	5.25
34	MP GAMMA1	Y	.004	1.25
35	MP GAMMA1	X	-.007	5.25
36	MP GAMMA1	X	-.007	1.25
37	MP ALPHA4	Y	.004	3.25
38	MP ALPHA4	X	-.008	3.25
39	MP BETA4	Y	.006	3.25
40	MP BETA4	X	-.01	3.25
41	MP GAMMA4	Y	.004	3.25
42	MP GAMMA4	X	-.008	3.25
43	MP ALPHA4	Y	.004	3.25
44	MP ALPHA4	X	-.006	3.25
45	MP BETA4	Y	.004	3.25
46	MP BETA4	X	-.008	3.25
47	MP GAMMA4	Y	.004	3.25
48	MP GAMMA4	X	-.006	3.25
49	MP ALPHA3	Y	.003	3.25
50	MP ALPHA3	X	-.005	3.25
51	MP BETA3	Y	.004	3.25
52	MP BETA3	X	-.007	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP GAMMA3	Y	.003	3.25
54	MP GAMMA3	X	-.005	3.25
55	MP ALPHA3	Y	.003	3.25
56	MP ALPHA3	X	-.006	3.25
57	MP BETA3	Y	.004	3.25
58	MP BETA3	X	-.006	3.25
59	MP GAMMA3	Y	.003	3.25
60	MP GAMMA3	X	-.006	3.25
61	MP ALPHA1	Y	.004	3.25
62	MP ALPHA1	X	-.006	3.25
63	MP BETA1	Y	.004	3.25
64	MP BETA1	X	-.007	3.25
65	MP GAMMA1	Y	.004	3.25
66	MP GAMMA1	X	-.006	3.25
67	MP ALPHA3	Y	.006	3.25
68	MP ALPHA3	X	-.011	3.25
69	MP BETA3	Y	.006	3.25
70	MP BETA3	X	-.011	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.029	5.833
2	MP ALPHA4	Y	.029	.667
3	MP ALPHA4	X	-.017	5.833
4	MP ALPHA4	X	-.017	.667
5	MP BETA4	Y	.029	5.833
6	MP BETA4	Y	.029	.667
7	MP BETA4	X	-.017	5.833
8	MP BETA4	X	-.017	.667
9	MP GAMMA4	Y	.015	5.833
10	MP GAMMA4	Y	.015	.667
11	MP GAMMA4	X	-.009	5.833
12	MP GAMMA4	X	-.009	.667
13	MP ALPHA3	Y	.03	5.833
14	MP ALPHA3	Y	.03	.667
15	MP ALPHA3	X	-.017	5.833
16	MP ALPHA3	X	-.017	.667
17	MP BETA3	Y	.03	5.833
18	MP BETA3	Y	.03	.667
19	MP BETA3	X	-.017	5.833
20	MP BETA3	X	-.017	.667
21	MP GAMMA3	Y	.015	5.833
22	MP GAMMA3	Y	.015	.667
23	MP GAMMA3	X	-.009	5.833
24	MP GAMMA3	X	-.009	.667
25	MP ALPHA1	Y	.01	5.25
26	MP ALPHA1	Y	.01	1.25
27	MP ALPHA1	X	-.006	5.25
28	MP ALPHA1	X	-.006	1.25
29	MP BETA1	Y	.01	5.25
30	MP BETA1	Y	.01	1.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
31	MP BETA1	X	-.006	5.25
32	MP BETA1	X	-.006	1.25
33	MP GAMMA1	Y	.006	5.25
34	MP GAMMA1	Y	.006	1.25
35	MP GAMMA1	X	-.003	5.25
36	MP GAMMA1	X	-.003	1.25
37	MP ALPHA4	Y	.009	3.25
38	MP ALPHA4	X	-.005	3.25
39	MP BETA4	Y	.009	3.25
40	MP BETA4	X	-.005	3.25
41	MP GAMMA4	Y	.007	3.25
42	MP GAMMA4	X	-.004	3.25
43	MP ALPHA4	Y	.007	3.25
44	MP ALPHA4	X	-.004	3.25
45	MP BETA4	Y	.007	3.25
46	MP BETA4	X	-.004	3.25
47	MP GAMMA4	Y	.006	3.25
48	MP GAMMA4	X	-.003	3.25
49	MP ALPHA3	Y	.007	3.25
50	MP ALPHA3	X	-.004	3.25
51	MP BETA3	Y	.007	3.25
52	MP BETA3	X	-.004	3.25
53	MP GAMMA3	Y	.005	3.25
54	MP GAMMA3	X	-.003	3.25
55	MP ALPHA3	Y	.006	3.25
56	MP ALPHA3	X	-.004	3.25
57	MP BETA3	Y	.006	3.25
58	MP BETA3	X	-.004	3.25
59	MP GAMMA3	Y	.006	3.25
60	MP GAMMA3	X	-.003	3.25
61	MP ALPHA1	Y	.007	3.25
62	MP ALPHA1	X	-.004	3.25
63	MP BETA1	Y	.007	3.25
64	MP BETA1	X	-.004	3.25
65	MP GAMMA1	Y	.006	3.25
66	MP GAMMA1	X	-.004	3.25
67	MP ALPHA3	Y	.011	3.25
68	MP ALPHA3	X	-.006	3.25
69	MP BETA3	Y	.011	3.25
70	MP BETA3	X	-.006	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.04	5.833
2	MP ALPHA4	Y	.04	.667
3	MP BETA4	Y	.023	5.833
4	MP BETA4	Y	.023	.667
5	MP GAMMA4	Y	.023	5.833
6	MP GAMMA4	Y	.023	.667
7	MP ALPHA3	Y	.04	5.833
8	MP ALPHA3	Y	.04	.667

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
9	MP BETA3	Y	.023	5.833
10	MP BETA3	Y	.023	.667
11	MP GAMMA3	Y	.023	5.833
12	MP GAMMA3	Y	.023	.667
13	MP ALPHA1	Y	.012	5.25
14	MP ALPHA1	Y	.012	1.25
15	MP BETA1	Y	.008	5.25
16	MP BETA1	Y	.008	1.25
17	MP GAMMA1	Y	.008	5.25
18	MP GAMMA1	Y	.008	1.25
19	MP ALPHA4	Y	.012	3.25
20	MP BETA4	Y	.009	3.25
21	MP GAMMA4	Y	.009	3.25
22	MP ALPHA4	Y	.009	3.25
23	MP BETA4	Y	.007	3.25
24	MP GAMMA4	Y	.007	3.25
25	MP ALPHA3	Y	.008	3.25
26	MP BETA3	Y	.006	3.25
27	MP GAMMA3	Y	.006	3.25
28	MP ALPHA3	Y	.007	3.25
29	MP BETA3	Y	.007	3.25
30	MP GAMMA3	Y	.007	3.25
31	MP ALPHA1	Y	.008	3.25
32	MP BETA1	Y	.007	3.25
33	MP GAMMA1	Y	.007	3.25
34	MP ALPHA3	Y	.013	3.25
35	MP BETA3	Y	.013	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.029	5.833
2	MP ALPHA4	Y	.029	.667
3	MP ALPHA4	X	.017	5.833
4	MP ALPHA4	X	.017	.667
5	MP BETA4	Y	.015	5.833
6	MP BETA4	Y	.015	.667
7	MP BETA4	X	.009	5.833
8	MP BETA4	X	.009	.667
9	MP GAMMA4	Y	.029	5.833
10	MP GAMMA4	Y	.029	.667
11	MP GAMMA4	X	.017	5.833
12	MP GAMMA4	X	.017	.667
13	MP ALPHA3	Y	.03	5.833
14	MP ALPHA3	Y	.03	.667
15	MP ALPHA3	X	.017	5.833
16	MP ALPHA3	X	.017	.667
17	MP BETA3	Y	.015	5.833
18	MP BETA3	Y	.015	.667
19	MP BETA3	X	.009	5.833
20	MP BETA3	X	.009	.667
21	MP GAMMA3	Y	.03	5.833

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP GAMMA3	Y	.03	.667
23	MP GAMMA3	X	.017	5.833
24	MP GAMMA3	X	.017	.667
25	MP ALPHA1	Y	.01	5.25
26	MP ALPHA1	Y	.01	1.25
27	MP ALPHA1	X	.006	5.25
28	MP ALPHA1	X	.006	1.25
29	MP BETA1	Y	.006	5.25
30	MP BETA1	Y	.006	1.25
31	MP BETA1	X	.003	5.25
32	MP BETA1	X	.003	1.25
33	MP GAMMA1	Y	.01	5.25
34	MP GAMMA1	Y	.01	1.25
35	MP GAMMA1	X	.006	5.25
36	MP GAMMA1	X	.006	1.25
37	MP ALPHA4	Y	.009	3.25
38	MP ALPHA4	X	.005	3.25
39	MP BETA4	Y	.007	3.25
40	MP BETA4	X	.004	3.25
41	MP GAMMA4	Y	.009	3.25
42	MP GAMMA4	X	.005	3.25
43	MP ALPHA4	Y	.007	3.25
44	MP ALPHA4	X	.004	3.25
45	MP BETA4	Y	.006	3.25
46	MP BETA4	X	.003	3.25
47	MP GAMMA4	Y	.007	3.25
48	MP GAMMA4	X	.004	3.25
49	MP ALPHA3	Y	.007	3.25
50	MP ALPHA3	X	.004	3.25
51	MP BETA3	Y	.005	3.25
52	MP BETA3	X	.003	3.25
53	MP GAMMA3	Y	.007	3.25
54	MP GAMMA3	X	.004	3.25
55	MP ALPHA3	Y	.006	3.25
56	MP ALPHA3	X	.004	3.25
57	MP BETA3	Y	.006	3.25
58	MP BETA3	X	.003	3.25
59	MP GAMMA3	Y	.006	3.25
60	MP GAMMA3	X	.004	3.25
61	MP ALPHA1	Y	.007	3.25
62	MP ALPHA1	X	.004	3.25
63	MP BETA1	Y	.006	3.25
64	MP BETA1	X	.004	3.25
65	MP GAMMA1	Y	.007	3.25
66	MP GAMMA1	X	.004	3.25
67	MP ALPHA3	Y	.011	3.25
68	MP ALPHA3	X	.006	3.25
69	MP BETA3	Y	.011	3.25
70	MP BETA3	X	.006	3.25

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

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

	Member Label	Direction	Magnitude [k,k-ft]	Location [ft, %]
1	MP ALPHA4	Y	.011	5.833
2	MP ALPHA4	Y	.011	.667
3	MP ALPHA4	X	.02	5.833
4	MP ALPHA4	X	.02	.667
5	MP BETA4	Y	.011	5.833
6	MP BETA4	Y	.011	.667
7	MP BETA4	X	.02	5.833
8	MP BETA4	X	.02	.667
9	MP GAMMA4	Y	.02	5.833
10	MP GAMMA4	Y	.02	.667
11	MP GAMMA4	X	.034	5.833
12	MP GAMMA4	X	.034	.667
13	MP ALPHA3	Y	.012	5.833
14	MP ALPHA3	Y	.012	.667
15	MP ALPHA3	X	.02	5.833
16	MP ALPHA3	X	.02	.667
17	MP BETA3	Y	.012	5.833
18	MP BETA3	Y	.012	.667
19	MP BETA3	X	.02	5.833
20	MP BETA3	X	.02	.667
21	MP GAMMA3	Y	.02	5.833
22	MP GAMMA3	Y	.02	.667
23	MP GAMMA3	X	.035	5.833
24	MP GAMMA3	X	.035	.667
25	MP ALPHA1	Y	.004	5.25
26	MP ALPHA1	Y	.004	1.25
27	MP ALPHA1	X	.007	5.25
28	MP ALPHA1	X	.007	1.25
29	MP BETA1	Y	.004	5.25
30	MP BETA1	Y	.004	1.25
31	MP BETA1	X	.007	5.25
32	MP BETA1	X	.007	1.25
33	MP GAMMA1	Y	.006	5.25
34	MP GAMMA1	Y	.006	1.25
35	MP GAMMA1	X	.011	5.25
36	MP GAMMA1	X	.011	1.25
37	MP ALPHA4	Y	.004	3.25
38	MP ALPHA4	X	.008	3.25
39	MP BETA4	Y	.004	3.25
40	MP BETA4	X	.008	3.25
41	MP GAMMA4	Y	.006	3.25
42	MP GAMMA4	X	.01	3.25
43	MP ALPHA4	Y	.004	3.25
44	MP ALPHA4	X	.006	3.25
45	MP BETA4	Y	.004	3.25
46	MP BETA4	X	.006	3.25
47	MP GAMMA4	Y	.004	3.25
48	MP GAMMA4	X	.008	3.25
49	MP ALPHA3	Y	.003	3.25
50	MP ALPHA3	X	.005	3.25
51	MP BETA3	Y	.003	3.25
52	MP BETA3	X	.005	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft. %]
53	MP GAMMA3	Y	.004	3.25
54	MP GAMMA3	X	.007	3.25
55	MP ALPHA3	Y	.003	3.25
56	MP ALPHA3	X	.006	3.25
57	MP BETA3	Y	.003	3.25
58	MP BETA3	X	.006	3.25
59	MP GAMMA3	Y	.004	3.25
60	MP GAMMA3	X	.006	3.25
61	MP ALPHA1	Y	.004	3.25
62	MP ALPHA1	X	.006	3.25
63	MP BETA1	Y	.004	3.25
64	MP BETA1	X	.006	3.25
65	MP GAMMA1	Y	.004	3.25
66	MP GAMMA1	X	.007	3.25
67	MP ALPHA3	Y	.006	3.25
68	MP ALPHA3	X	.011	3.25
69	MP BETA3	Y	.006	3.25
70	MP BETA3	X	.011	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location [ft. %]
1	MP ALPHA4	X	.017	5.833
2	MP ALPHA4	X	.017	.667
3	MP BETA4	X	.034	5.833
4	MP BETA4	X	.034	.667
5	MP GAMMA4	X	.034	5.833
6	MP GAMMA4	X	.034	.667
7	MP ALPHA3	X	.018	5.833
8	MP ALPHA3	X	.018	.667
9	MP BETA3	X	.035	5.833
10	MP BETA3	X	.035	.667
11	MP GAMMA3	X	.035	5.833
12	MP GAMMA3	X	.035	.667
13	MP ALPHA1	X	.007	5.25
14	MP ALPHA1	X	.007	1.25
15	MP BETA1	X	.011	5.25
16	MP BETA1	X	.011	1.25
17	MP GAMMA1	X	.011	5.25
18	MP GAMMA1	X	.011	1.25
19	MP ALPHA4	X	.008	3.25
20	MP BETA4	X	.011	3.25
21	MP GAMMA4	X	.011	3.25
22	MP ALPHA4	X	.007	3.25
23	MP BETA4	X	.008	3.25
24	MP GAMMA4	X	.008	3.25
25	MP ALPHA3	X	.005	3.25
26	MP BETA3	X	.008	3.25
27	MP GAMMA3	X	.008	3.25
28	MP ALPHA3	X	.006	3.25
29	MP BETA3	X	.007	3.25
30	MP GAMMA3	X	.007	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
31	MP ALPHA1	X	.007	3.25
32	MP BETA1	X	.008	3.25
33	MP GAMMA1	X	.008	3.25
34	MP ALPHA3	X	.013	3.25
35	MP BETA3	X	.013	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.011	5.833
2	MP ALPHA4	Y	-.011	.667
3	MP ALPHA4	X	.02	5.833
4	MP ALPHA4	X	.02	.667
5	MP BETA4	Y	-.02	5.833
6	MP BETA4	Y	-.02	.667
7	MP BETA4	X	.034	5.833
8	MP BETA4	X	.034	.667
9	MP GAMMA4	Y	-.011	5.833
10	MP GAMMA4	Y	-.011	.667
11	MP GAMMA4	X	.02	5.833
12	MP GAMMA4	X	.02	.667
13	MP ALPHA3	Y	-.012	5.833
14	MP ALPHA3	Y	-.012	.667
15	MP ALPHA3	X	.02	5.833
16	MP ALPHA3	X	.02	.667
17	MP BETA3	Y	-.02	5.833
18	MP BETA3	Y	-.02	.667
19	MP BETA3	X	.035	5.833
20	MP BETA3	X	.035	.667
21	MP GAMMA3	Y	-.012	5.833
22	MP GAMMA3	Y	-.012	.667
23	MP GAMMA3	X	.02	5.833
24	MP GAMMA3	X	.02	.667
25	MP ALPHA1	Y	-.004	5.25
26	MP ALPHA1	Y	-.004	1.25
27	MP ALPHA1	X	.007	5.25
28	MP ALPHA1	X	.007	1.25
29	MP BETA1	Y	-.006	5.25
30	MP BETA1	Y	-.006	1.25
31	MP BETA1	X	.011	5.25
32	MP BETA1	X	.011	1.25
33	MP GAMMA1	Y	-.004	5.25
34	MP GAMMA1	Y	-.004	1.25
35	MP GAMMA1	X	.007	5.25
36	MP GAMMA1	X	.007	1.25
37	MP ALPHA4	Y	-.004	3.25
38	MP ALPHA4	X	.008	3.25
39	MP BETA4	Y	-.006	3.25
40	MP BETA4	X	.01	3.25
41	MP GAMMA4	Y	-.004	3.25
42	MP GAMMA4	X	.008	3.25
43	MP ALPHA4	Y	-.004	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
44	MP ALPHA4	X	.006	3.25
45	MP BETA4	Y	-.004	3.25
46	MP BETA4	X	.008	3.25
47	MP GAMMA4	Y	-.004	3.25
48	MP GAMMA4	X	.006	3.25
49	MP ALPHA3	Y	-.003	3.25
50	MP ALPHA3	X	.005	3.25
51	MP BETA3	Y	-.004	3.25
52	MP BETA3	X	.007	3.25
53	MP GAMMA3	Y	-.003	3.25
54	MP GAMMA3	X	.005	3.25
55	MP ALPHA3	Y	-.003	3.25
56	MP ALPHA3	X	.006	3.25
57	MP BETA3	Y	-.004	3.25
58	MP BETA3	X	.006	3.25
59	MP GAMMA3	Y	-.003	3.25
60	MP GAMMA3	X	.006	3.25
61	MP ALPHA1	Y	-.004	3.25
62	MP ALPHA1	X	.006	3.25
63	MP BETA1	Y	-.004	3.25
64	MP BETA1	X	.007	3.25
65	MP GAMMA1	Y	-.004	3.25
66	MP GAMMA1	X	.006	3.25
67	MP ALPHA3	Y	-.006	3.25
68	MP ALPHA3	X	.011	3.25
69	MP BETA3	Y	-.006	3.25
70	MP BETA3	X	.011	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.029	5.833
2	MP ALPHA4	Y	-.029	.667
3	MP ALPHA4	X	.017	5.833
4	MP ALPHA4	X	.017	.667
5	MP BETA4	Y	-.029	5.833
6	MP BETA4	Y	-.029	.667
7	MP BETA4	X	.017	5.833
8	MP BETA4	X	.017	.667
9	MP GAMMA4	Y	-.015	5.833
10	MP GAMMA4	Y	-.015	.667
11	MP GAMMA4	X	.009	5.833
12	MP GAMMA4	X	.009	.667
13	MP ALPHA3	Y	-.03	5.833
14	MP ALPHA3	Y	-.03	.667
15	MP ALPHA3	X	.017	5.833
16	MP ALPHA3	X	.017	.667
17	MP BETA3	Y	-.03	5.833
18	MP BETA3	Y	-.03	.667
19	MP BETA3	X	.017	5.833
20	MP BETA3	X	.017	.667
21	MP GAMMA3	Y	-.015	5.833

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP GAMMA3	Y	-.015	.667
23	MP GAMMA3	X	.009	5.833
24	MP GAMMA3	X	.009	.667
25	MP ALPHA1	Y	-.01	5.25
26	MP ALPHA1	Y	-.01	1.25
27	MP ALPHA1	X	.006	5.25
28	MP ALPHA1	X	.006	1.25
29	MP BETA1	Y	-.01	5.25
30	MP BETA1	Y	-.01	1.25
31	MP BETA1	X	.006	5.25
32	MP BETA1	X	.006	1.25
33	MP GAMMA1	Y	-.006	5.25
34	MP GAMMA1	Y	-.006	1.25
35	MP GAMMA1	X	.003	5.25
36	MP GAMMA1	X	.003	1.25
37	MP ALPHA4	Y	-.009	3.25
38	MP ALPHA4	X	.005	3.25
39	MP BETA4	Y	-.009	3.25
40	MP BETA4	X	.005	3.25
41	MP GAMMA4	Y	-.007	3.25
42	MP GAMMA4	X	.004	3.25
43	MP ALPHA4	Y	-.007	3.25
44	MP ALPHA4	X	.004	3.25
45	MP BETA4	Y	-.007	3.25
46	MP BETA4	X	.004	3.25
47	MP GAMMA4	Y	-.006	3.25
48	MP GAMMA4	X	.003	3.25
49	MP ALPHA3	Y	-.007	3.25
50	MP ALPHA3	X	.004	3.25
51	MP BETA3	Y	-.007	3.25
52	MP BETA3	X	.004	3.25
53	MP GAMMA3	Y	-.005	3.25
54	MP GAMMA3	X	.003	3.25
55	MP ALPHA3	Y	-.006	3.25
56	MP ALPHA3	X	.004	3.25
57	MP BETA3	Y	-.006	3.25
58	MP BETA3	X	.004	3.25
59	MP GAMMA3	Y	-.006	3.25
60	MP GAMMA3	X	.003	3.25
61	MP ALPHA1	Y	-.007	3.25
62	MP ALPHA1	X	.004	3.25
63	MP BETA1	Y	-.007	3.25
64	MP BETA1	X	.004	3.25
65	MP GAMMA1	Y	-.006	3.25
66	MP GAMMA1	X	.004	3.25
67	MP ALPHA3	Y	-.011	3.25
68	MP ALPHA3	X	.006	3.25
69	MP BETA3	Y	-.011	3.25
70	MP BETA3	X	.006	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
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Member Point Loads (BLC 40 : Earthquake (x-direction)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	X	-.006	5.833
2	MP ALPHA4	X	-.006	.667
3	MP BETA4	X	-.006	5.833
4	MP BETA4	X	-.006	.667
5	MP GAMMA4	X	-.006	5.833
6	MP GAMMA4	X	-.006	.667
7	MP ALPHA3	X	-.005	5.833
8	MP ALPHA3	X	-.005	.667
9	MP BETA3	X	-.005	5.833
10	MP BETA3	X	-.005	.667
11	MP GAMMA3	X	-.005	5.833
12	MP GAMMA3	X	-.005	.667
13	MP ALPHA1	X	-.002	5.25
14	MP ALPHA1	X	-.002	1.25
15	MP BETA1	X	-.002	5.25
16	MP BETA1	X	-.002	1.25
17	MP GAMMA1	X	-.002	5.25
18	MP GAMMA1	X	-.002	1.25
19	MP ALPHA4	X	-.007	3.25
20	MP BETA4	X	-.007	3.25
21	MP GAMMA4	X	-.007	3.25
22	MP ALPHA4	X	-.009	3.25
23	MP BETA4	X	-.009	3.25
24	MP GAMMA4	X	-.009	3.25
25	MP ALPHA3	X	-.008	3.25
26	MP BETA3	X	-.008	3.25
27	MP GAMMA3	X	-.008	3.25
28	MP ALPHA3	X	-.009	3.25
29	MP BETA3	X	-.009	3.25
30	MP GAMMA3	X	-.009	3.25
31	MP ALPHA1	X	-.006	3.25
32	MP BETA1	X	-.006	3.25
33	MP GAMMA1	X	-.006	3.25
34	MP ALPHA3	X	-.004	3.25
35	MP BETA3	X	-.004	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.006	5.833
2	MP ALPHA4	Y	-.006	.667
3	MP BETA4	Y	-.006	5.833
4	MP BETA4	Y	-.006	.667
5	MP GAMMA4	Y	-.006	5.833
6	MP GAMMA4	Y	-.006	.667
7	MP ALPHA3	Y	-.005	5.833
8	MP ALPHA3	Y	-.005	.667
9	MP BETA3	Y	-.005	5.833
10	MP BETA3	Y	-.005	.667
11	MP GAMMA3	Y	-.005	5.833
12	MP GAMMA3	Y	-.005	.667
13	MP ALPHA1	Y	-.002	5.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
14	MP ALPHA1	Y	-.002	1.25
15	MP BETA1	Y	-.002	5.25
16	MP BETA1	Y	-.002	1.25
17	MP GAMMA1	Y	-.002	5.25
18	MP GAMMA1	Y	-.002	1.25
19	MP ALPHA4	Y	-.007	3.25
20	MP BETA4	Y	-.007	3.25
21	MP GAMMA4	Y	-.007	3.25
22	MP ALPHA4	Y	-.009	3.25
23	MP BETA4	Y	-.009	3.25
24	MP GAMMA4	Y	-.009	3.25
25	MP ALPHA3	Y	-.008	3.25
26	MP BETA3	Y	-.008	3.25
27	MP GAMMA3	Y	-.008	3.25
28	MP ALPHA3	Y	-.009	3.25
29	MP BETA3	Y	-.009	3.25
30	MP GAMMA3	Y	-.009	3.25
31	MP ALPHA1	Y	-.006	3.25
32	MP BETA1	Y	-.006	3.25
33	MP GAMMA1	Y	-.006	3.25
34	MP ALPHA3	Y	-.004	3.25
35	MP BETA3	Y	-.004	3.25

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

	Member Label	Direction	Magnitude[k, k-ft]	Location[ft, %]
1	MP ALPHA4	Z	-.002	5.833
2	MP ALPHA4	Z	-.002	.667
3	MP BETA4	Z	-.002	5.833
4	MP BETA4	Z	-.002	.667
5	MP GAMMA4	Z	-.002	5.833
6	MP GAMMA4	Z	-.002	.667
7	MP ALPHA3	Z	-.002	5.833
8	MP ALPHA3	Z	-.002	.667
9	MP BETA3	Z	-.002	5.833
10	MP BETA3	Z	-.002	.667
11	MP GAMMA3	Z	-.002	5.833
12	MP GAMMA3	Z	-.002	.667
13	MP ALPHA1	Z	-.000903	5.25
14	MP ALPHA1	Z	-.000903	1.25
15	MP BETA1	Z	-.000903	5.25
16	MP BETA1	Z	-.000903	1.25
17	MP GAMMA1	Z	-.000903	5.25
18	MP GAMMA1	Z	-.000903	1.25
19	MP ALPHA4	Z	-.003	3.25
20	MP BETA4	Z	-.003	3.25
21	MP GAMMA4	Z	-.003	3.25
22	MP ALPHA4	Z	-.004	3.25
23	MP BETA4	Z	-.004	3.25
24	MP GAMMA4	Z	-.004	3.25
25	MP ALPHA3	Z	-.003	3.25
26	MP BETA3	Z	-.003	3.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
27	MP GAMMA3	Z	-.003	3.25
28	MP ALPHA3	Z	-.004	3.25
29	MP BETA3	Z	-.004	3.25
30	MP GAMMA3	Z	-.004	3.25
31	MP ALPHA1	Z	-.002	3.25
32	MP BETA1	Z	-.002	3.25
33	MP GAMMA1	Z	-.002	3.25
34	MP ALPHA3	Z	-.002	3.25
35	MP BETA3	Z	-.002	3.25

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

	Member Label	Direction	Start Magnitude [k/ft, ...]	End Magnitude[k/ft, F, ...]	Start Location[ft, %]	End Location[ft, %]
1	FACE1	PY	-.009	-.009	0	0
2	FACE2	PY	-.009	-.009	0	0
3	FACE3	PY	-.026	-.026	0	0
4	FACE4	PY	-.026	-.026	0	0
5	FACE5	PY	-.026	-.026	0	0
6	FACE6	PY	-.026	-.026	0	0
7	MID FACE1	PY	-.009	-.009	0	0
8	MID FACE2	PY	-.026	-.026	0	0
9	MID FACE3	PY	-.026	-.026	0	0
10	RAIL1	PY	-.005	-.005	0	0
11	RAIL2	PY	-.016	-.016	0	0
12	RAIL3	PY	-.016	-.016	0	0
13	FACE VERT1	PY	-.003	-.003	0	0
14	FACE VERT2	PY	-.003	-.003	0	0
15	FACE VERT3	PY	-.003	-.003	0	0
16	FACE VERT4	PY	-.003	-.003	0	0
17	FACE VERT5	PY	-.009	-.009	0	0
18	FACE VERT6	PY	-.009	-.009	0	0
19	FACE VERT7	PY	-.009	-.009	0	0
20	FACE VERT8	PY	-.009	-.009	0	0
21	FACE VERT9	PY	-.009	-.009	0	0
22	FACE VERT10	PY	-.009	-.009	0	0
23	FACE VERT11	PY	-.009	-.009	0	0
24	FACE VERT12	PY	-.009	-.009	0	0
25	HORIZONTAL1	PY	-.003	-.003	0	0
26	HORIZONTAL2	PY	-.009	-.009	0	0
27	HORIZONTAL3	PY	-.009	-.009	0	0
28	DIAGONAL1	PY	-.003	-.003	0	0
29	DIAGONAL2	PY	-.003	-.003	0	0
30	DIAGONAL3	PY	-.009	-.009	0	0
31	DIAGONAL4	PY	-.009	-.009	0	0
32	DIAGONAL5	PY	-.009	-.009	0	0
33	DIAGONAL6	PY	-.009	-.009	0	0
34	SUPPORT1	PY	-.009	-.009	0	0
35	SUPPORT2	PY	-.009	-.009	0	0
36	SUPPORT3	PY	-.009	-.009	0	0
37	LADDER SUPPORT1	PY	-.009	-.009	0	0
38	LADDER SUPPORT2	PY	-.009	-.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
39	GRATING SUPPORT	PY	-0.03	-0.03	0	0
40	RUNNER1	PY	-0.03	-0.03	0	0
41	RUNNER2	PY	-0.03	-0.03	0	0
42	RUNG1	PY	-0.00835	-0.00835	0	0
43	RUNG2	PY	-0.00835	-0.00835	0	0
44	RUNG3	PY	-0.00835	-0.00835	0	0
45	RUNG4	PY	-0.00835	-0.00835	0	0
46	RUNG5	PY	-0.00835	-0.00835	0	0
47	RUNG6	PY	-0.00835	-0.00835	0	0
48	RUNG7	PY	-0.00835	-0.00835	0	0
49	RUNG8	PY	-0.00835	-0.00835	0	0
50	RUNG9	PY	-0.00835	-0.00835	0	0
51	PLATE1	PY	-0.00655	-0.00655	0	0
52	PLATE2	PY	-0.00655	-0.00655	0	0
53	PLATE3	PY	-0.00655	-0.00655	0	0
54	PLATE4	PY	-0.00655	-0.00655	0	0
55	PLATE5	PY	-0.00655	-0.00655	0	0
56	PLATE6	PY	-0.00655	-0.00655	0	0
57	MP ALPHA1	PY	-0.08	-0.08	0	0
58	MP ALPHA2	PY	-0.08	-0.08	0	0
59	MP ALPHA3	PY	-0.08	-0.08	0	0
60	MP ALPHA4	PY	-0.08	-0.08	0	0
61	MP BETA1	PY	-0.08	-0.08	0	0
62	MP BETA2	PY	-0.08	-0.08	0	0
63	MP BETA3	PY	-0.08	-0.08	0	0
64	MP BETA4	PY	-0.08	-0.08	0	0
65	MP GAMMA1	PY	-0.08	-0.08	0	0
66	MP GAMMA2	PY	-0.08	-0.08	0	0
67	MP GAMMA3	PY	-0.08	-0.08	0	0
68	MP GAMMA4	PY	-0.08	-0.08	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE1	PY	-0.08	-0.08	0	0
2	FACE2	PY	-0.08	-0.08	0	0
3	FACE3	PY	-0.023	-0.023	0	0
4	FACE4	PY	-0.023	-0.023	0	0
5	FACE5	PY	-0.023	-0.023	0	0
6	FACE6	PY	-0.023	-0.023	0	0
7	MID FACE1	PY	-0.08	-0.08	0	0
8	MID FACE2	PY	-0.023	-0.023	0	0
9	MID FACE3	PY	-0.023	-0.023	0	0
10	RAIL1	PY	-0.005	-0.005	0	0
11	RAIL2	PY	-0.014	-0.014	0	0
12	RAIL3	PY	-0.014	-0.014	0	0
13	FACE VERT1	PY	-0.003	-0.003	0	0
14	FACE VERT2	PY	-0.003	-0.003	0	0
15	FACE VERT3	PY	-0.003	-0.003	0	0
16	FACE VERT4	PY	-0.003	-0.003	0	0
17	FACE VERT5	PY	-0.008	-0.008	0	0
18	FACE VERT6	PY	-0.008	-0.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....]	End Magnitude[k/ft,F,...]	Start Location[ft, %]	End Location[ft, %]
19	FACE VERT7	PY	-.008	-.008	0	0
20	FACE VERT8	PY	-.008	-.008	0	0
21	FACE VERT9	PY	-.008	-.008	0	0
22	FACE VERT10	PY	-.008	-.008	0	0
23	FACE VERT11	PY	-.008	-.008	0	0
24	FACE VERT12	PY	-.008	-.008	0	0
25	HORIZONTAL1	PY	-.003	-.003	0	0
26	HORIZONTAL2	PY	-.008	-.008	0	0
27	HORIZONTAL3	PY	-.008	-.008	0	0
28	DIAGONAL1	PY	-.003	-.003	0	0
29	DIAGONAL2	PY	-.003	-.003	0	0
30	DIAGONAL3	PY	-.008	-.008	0	0
31	DIAGONAL4	PY	-.008	-.008	0	0
32	DIAGONAL5	PY	-.008	-.008	0	0
33	DIAGONAL6	PY	-.008	-.008	0	0
34	SUPPORT1	PY	-.008	-.008	0	0
35	SUPPORT2	PY	-.008	-.008	0	0
36	SUPPORT3	PY	-.008	-.008	0	0
37	LADDER SUPPORT1	PY	-.008	-.008	0	0
38	LADDER SUPPORT2	PY	-.008	-.008	0	0
39	GRATING SUPPORT	PY	-.003	-.003	0	0
40	RUNNER1	PY	-.003	-.003	0	0
41	RUNNER2	PY	-.003	-.003	0	0
42	RUNG1	PY	-.000723	-.000723	0	0
43	RUNG2	PY	-.000723	-.000723	0	0
44	RUNG3	PY	-.000723	-.000723	0	0
45	RUNG4	PY	-.000723	-.000723	0	0
46	RUNG5	PY	-.000723	-.000723	0	0
47	RUNG6	PY	-.000723	-.000723	0	0
48	RUNG7	PY	-.000723	-.000723	0	0
49	RUNG8	PY	-.000723	-.000723	0	0
50	RUNG9	PY	-.000723	-.000723	0	0
51	PLATE1	PY	-.000567	-.000567	0	0
52	PLATE2	PY	-.000567	-.000567	0	0
53	PLATE3	PY	-.000567	-.000567	0	0
54	PLATE4	PY	-.000567	-.000567	0	0
55	PLATE5	PY	-.000567	-.000567	0	0
56	PLATE6	PY	-.000567	-.000567	0	0
57	MP ALPHA1	PY	-.007	-.007	0	0
58	MP ALPHA2	PY	-.007	-.007	0	0
59	MP ALPHA3	PY	-.007	-.007	0	0
60	MP ALPHA4	PY	-.007	-.007	0	0
61	MP BETA1	PY	-.007	-.007	0	0
62	MP BETA2	PY	-.007	-.007	0	0
63	MP BETA3	PY	-.007	-.007	0	0
64	MP BETA4	PY	-.007	-.007	0	0
65	MP GAMMA1	PY	-.007	-.007	0	0
66	MP GAMMA2	PY	-.007	-.007	0	0
67	MP GAMMA3	PY	-.007	-.007	0	0
68	MP GAMMA4	PY	-.007	-.007	0	0
69	FACE1	PX	-.004	-.004	0	0
70	FACE2	PX	-.004	-.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
71	FACE3	PX	-.013	-.013	0	0
72	FACE4	PX	-.013	-.013	0	0
73	FACE5	PX	-.013	-.013	0	0
74	FACE6	PX	-.013	-.013	0	0
75	MID FACE1	PX	-.004	-.004	0	0
76	MID FACE2	PX	-.013	-.013	0	0
77	MID FACE3	PX	-.013	-.013	0	0
78	RAIL1	PX	-.003	-.003	0	0
79	RAIL2	PX	-.008	-.008	0	0
80	RAIL3	PX	-.008	-.008	0	0
81	FACE VERT1	PX	-.002	-.002	0	0
82	FACE VERT2	PX	-.002	-.002	0	0
83	FACE VERT3	PX	-.002	-.002	0	0
84	FACE VERT4	PX	-.002	-.002	0	0
85	FACE VERT5	PX	-.005	-.005	0	0
86	FACE VERT6	PX	-.005	-.005	0	0
87	FACE VERT7	PX	-.005	-.005	0	0
88	FACE VERT8	PX	-.005	-.005	0	0
89	FACE VERT9	PX	-.005	-.005	0	0
90	FACE VERT10	PX	-.005	-.005	0	0
91	FACE VERT11	PX	-.005	-.005	0	0
92	FACE VERT12	PX	-.005	-.005	0	0
93	HORIZONTAL1	PX	-.002	-.002	0	0
94	HORIZONTAL2	PX	-.005	-.005	0	0
95	HORIZONTAL3	PX	-.005	-.005	0	0
96	DIAGONAL1	PX	-.002	-.002	0	0
97	DIAGONAL2	PX	-.002	-.002	0	0
98	DIAGONAL3	PX	-.005	-.005	0	0
99	DIAGONAL4	PX	-.005	-.005	0	0
100	DIAGONAL5	PX	-.005	-.005	0	0
101	DIAGONAL6	PX	-.005	-.005	0	0
102	SUPPORT1	PX	-.004	-.004	0	0
103	SUPPORT2	PX	-.004	-.004	0	0
104	SUPPORT3	PX	-.004	-.004	0	0
105	LADDER SUPPORT1	PX	-.004	-.004	0	0
106	LADDER SUPPORT2	PX	-.004	-.004	0	0
107	GRATING SUPPORT	PX	-.002	-.002	0	0
108	RUNNER1	PX	-.002	-.002	0	0
109	RUNNER2	PX	-.002	-.002	0	0
110	RUNG1	PX	-.000417	-.000417	0	0
111	RUNG2	PX	-.000417	-.000417	0	0
112	RUNG3	PX	-.000417	-.000417	0	0
113	RUNG4	PX	-.000417	-.000417	0	0
114	RUNG5	PX	-.000417	-.000417	0	0
115	RUNG6	PX	-.000417	-.000417	0	0
116	RUNG7	PX	-.000417	-.000417	0	0
117	RUNG8	PX	-.000417	-.000417	0	0
118	RUNG9	PX	-.000417	-.000417	0	0
119	PLATE1	PX	-.000328	-.000328	0	0
120	PLATE2	PX	-.000328	-.000328	0	0
121	PLATE3	PX	-.000328	-.000328	0	0
122	PLATE4	PX	-.000328	-.000328	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
123	PLATE5	PX	-.000328	-.000328	0	0
124	PLATE6	PX	-.000328	-.000328	0	0
125	MP ALPHA1	PX	-.004	-.004	0	0
126	MP ALPHA2	PX	-.004	-.004	0	0
127	MP ALPHA3	PX	-.004	-.004	0	0
128	MP ALPHA4	PX	-.004	-.004	0	0
129	MP BETA1	PX	-.004	-.004	0	0
130	MP BETA2	PX	-.004	-.004	0	0
131	MP BETA3	PX	-.004	-.004	0	0
132	MP BETA4	PX	-.004	-.004	0	0
133	MP GAMMA1	PX	-.004	-.004	0	0
134	MP GAMMA2	PX	-.004	-.004	0	0
135	MP GAMMA3	PX	-.004	-.004	0	0
136	MP GAMMA4	PX	-.004	-.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE1	PY	-.004	-.004	0	0
2	FACE2	PY	-.004	-.004	0	0
3	FACE3	PY	-.013	-.013	0	0
4	FACE4	PY	-.013	-.013	0	0
5	FACE5	PY	-.013	-.013	0	0
6	FACE6	PY	-.013	-.013	0	0
7	MID FACE1	PY	-.004	-.004	0	0
8	MID FACE2	PY	-.013	-.013	0	0
9	MID FACE3	PY	-.013	-.013	0	0
10	RAIL1	PY	-.003	-.003	0	0
11	RAIL2	PY	-.008	-.008	0	0
12	RAIL3	PY	-.008	-.008	0	0
13	FACE VERT1	PY	-.002	-.002	0	0
14	FACE VERT2	PY	-.002	-.002	0	0
15	FACE VERT3	PY	-.002	-.002	0	0
16	FACE VERT4	PY	-.002	-.002	0	0
17	FACE VERT5	PY	-.005	-.005	0	0
18	FACE VERT6	PY	-.005	-.005	0	0
19	FACE VERT7	PY	-.005	-.005	0	0
20	FACE VERT8	PY	-.005	-.005	0	0
21	FACE VERT9	PY	-.005	-.005	0	0
22	FACE VERT10	PY	-.005	-.005	0	0
23	FACE VERT11	PY	-.005	-.005	0	0
24	FACE VERT12	PY	-.005	-.005	0	0
25	HORIZONTAL1	PY	-.002	-.002	0	0
26	HORIZONTAL2	PY	-.005	-.005	0	0
27	HORIZONTAL3	PY	-.005	-.005	0	0
28	DIAGONAL1	PY	-.002	-.002	0	0
29	DIAGONAL2	PY	-.002	-.002	0	0
30	DIAGONAL3	PY	-.005	-.005	0	0
31	DIAGONAL4	PY	-.005	-.005	0	0
32	DIAGONAL5	PY	-.005	-.005	0	0
33	DIAGONAL6	PY	-.005	-.005	0	0
34	SUPPORT1	PY	-.004	-.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
35	SUPPORT2	PY	-0.04	-0.04	0	0
36	SUPPORT3	PY	-0.04	-0.04	0	0
37	LADDER SUPPORT1	PY	-0.04	-0.04	0	0
38	LADDER SUPPORT2	PY	-0.04	-0.04	0	0
39	GRATING SUPPORT	PY	-0.02	-0.02	0	0
40	RUNNER1	PY	-0.02	-0.02	0	0
41	RUNNER2	PY	-0.02	-0.02	0	0
42	RUNG1	PY	-0.00417	-0.00417	0	0
43	RUNG2	PY	-0.00417	-0.00417	0	0
44	RUNG3	PY	-0.00417	-0.00417	0	0
45	RUNG4	PY	-0.00417	-0.00417	0	0
46	RUNG5	PY	-0.00417	-0.00417	0	0
47	RUNG6	PY	-0.00417	-0.00417	0	0
48	RUNG7	PY	-0.00417	-0.00417	0	0
49	RUNG8	PY	-0.00417	-0.00417	0	0
50	RUNG9	PY	-0.00417	-0.00417	0	0
51	PLATE1	PY	-0.00328	-0.00328	0	0
52	PLATE2	PY	-0.00328	-0.00328	0	0
53	PLATE3	PY	-0.00328	-0.00328	0	0
54	PLATE4	PY	-0.00328	-0.00328	0	0
55	PLATE5	PY	-0.00328	-0.00328	0	0
56	PLATE6	PY	-0.00328	-0.00328	0	0
57	MP ALPHA1	PY	-0.04	-0.04	0	0
58	MP ALPHA2	PY	-0.04	-0.04	0	0
59	MP ALPHA3	PY	-0.04	-0.04	0	0
60	MP ALPHA4	PY	-0.04	-0.04	0	0
61	MP BETA1	PY	-0.04	-0.04	0	0
62	MP BETA2	PY	-0.04	-0.04	0	0
63	MP BETA3	PY	-0.04	-0.04	0	0
64	MP BETA4	PY	-0.04	-0.04	0	0
65	MP GAMMA1	PY	-0.04	-0.04	0	0
66	MP GAMMA2	PY	-0.04	-0.04	0	0
67	MP GAMMA3	PY	-0.04	-0.04	0	0
68	MP GAMMA4	PY	-0.04	-0.04	0	0
69	FACE1	PX	-0.08	-0.08	0	0
70	FACE2	PX	-0.08	-0.08	0	0
71	FACE3	PX	-0.23	-0.23	0	0
72	FACE4	PX	-0.23	-0.23	0	0
73	FACE5	PX	-0.23	-0.23	0	0
74	FACE6	PX	-0.23	-0.23	0	0
75	MID FACE1	PX	-0.08	-0.08	0	0
76	MID FACE2	PX	-0.23	-0.23	0	0
77	MID FACE3	PX	-0.23	-0.23	0	0
78	RAIL1	PX	-0.05	-0.05	0	0
79	RAIL2	PX	-0.14	-0.14	0	0
80	RAIL3	PX	-0.14	-0.14	0	0
81	FACE VERT1	PX	-0.03	-0.03	0	0
82	FACE VERT2	PX	-0.03	-0.03	0	0
83	FACE VERT3	PX	-0.03	-0.03	0	0
84	FACE VERT4	PX	-0.03	-0.03	0	0
85	FACE VERT5	PX	-0.08	-0.08	0	0
86	FACE VERT6	PX	-0.08	-0.08	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
87	FACE VERT7	PX	-.008	-.008	0	0
88	FACE VERT8	PX	-.008	-.008	0	0
89	FACE VERT9	PX	-.008	-.008	0	0
90	FACE VERT10	PX	-.008	-.008	0	0
91	FACE VERT11	PX	-.008	-.008	0	0
92	FACE VERT12	PX	-.008	-.008	0	0
93	HORIZONTAL1	PX	-.003	-.003	0	0
94	HORIZONTAL2	PX	-.008	-.008	0	0
95	HORIZONTAL3	PX	-.008	-.008	0	0
96	DIAGONAL1	PX	-.003	-.003	0	0
97	DIAGONAL2	PX	-.003	-.003	0	0
98	DIAGONAL3	PX	-.008	-.008	0	0
99	DIAGONAL4	PX	-.008	-.008	0	0
100	DIAGONAL5	PX	-.008	-.008	0	0
101	DIAGONAL6	PX	-.008	-.008	0	0
102	SUPPORT1	PX	-.008	-.008	0	0
103	SUPPORT2	PX	-.008	-.008	0	0
104	SUPPORT3	PX	-.008	-.008	0	0
105	LADDER SUPPORT1	PX	-.008	-.008	0	0
106	LADDER SUPPORT2	PX	-.008	-.008	0	0
107	GRATING SUPPORT	PX	-.003	-.003	0	0
108	RUNNER1	PX	-.003	-.003	0	0
109	RUNNER2	PX	-.003	-.003	0	0
110	RUNG1	PX	-.000723	-.000723	0	0
111	RUNG2	PX	-.000723	-.000723	0	0
112	RUNG3	PX	-.000723	-.000723	0	0
113	RUNG4	PX	-.000723	-.000723	0	0
114	RUNG5	PX	-.000723	-.000723	0	0
115	RUNG6	PX	-.000723	-.000723	0	0
116	RUNG7	PX	-.000723	-.000723	0	0
117	RUNG8	PX	-.000723	-.000723	0	0
118	RUNG9	PX	-.000723	-.000723	0	0
119	PLATE1	PX	-.000567	-.000567	0	0
120	PLATE2	PX	-.000567	-.000567	0	0
121	PLATE3	PX	-.000567	-.000567	0	0
122	PLATE4	PX	-.000567	-.000567	0	0
123	PLATE5	PX	-.000567	-.000567	0	0
124	PLATE6	PX	-.000567	-.000567	0	0
125	MP ALPHA1	PX	-.007	-.007	0	0
126	MP ALPHA2	PX	-.007	-.007	0	0
127	MP ALPHA3	PX	-.007	-.007	0	0
128	MP ALPHA4	PX	-.007	-.007	0	0
129	MP BETA1	PX	-.007	-.007	0	0
130	MP BETA2	PX	-.007	-.007	0	0
131	MP BETA3	PX	-.007	-.007	0	0
132	MP BETA4	PX	-.007	-.007	0	0
133	MP GAMMA1	PX	-.007	-.007	0	0
134	MP GAMMA2	PX	-.007	-.007	0	0
135	MP GAMMA3	PX	-.007	-.007	0	0
136	MP GAMMA4	PX	-.007	-.007	0	0

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

1	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
2	FACE4	PX	-0.09	-0.09	0	0
3	FACE3	PX	-0.09	-0.09	0	0
4	FACE2	PX	-0.26	-0.26	0	0
5	FACE1	PX	-0.26	-0.26	0	0
6	FACE5	PX	-0.26	-0.26	0	0
7	FACE6	PX	-0.26	-0.26	0	0
8	MID FACE2	PX	-0.09	-0.09	0	0
9	MID FACE1	PX	-0.26	-0.26	0	0
10	MID FACE3	PX	-0.26	-0.26	0	0
11	RAIL2	PX	-0.05	-0.05	0	0
12	RAIL1	PX	-0.16	-0.16	0	0
13	RAIL3	PX	-0.16	-0.16	0	0
14	FACE VERT5	PX	-0.03	-0.03	0	0
15	FACE VERT6	PX	-0.03	-0.03	0	0
16	FACE VERT7	PX	-0.03	-0.03	0	0
17	FACE VERT8	PX	-0.03	-0.03	0	0
18	FACE VERT1	PX	-0.09	-0.09	0	0
19	FACE VERT2	PX	-0.09	-0.09	0	0
20	FACE VERT3	PX	-0.09	-0.09	0	0
21	FACE VERT4	PX	-0.09	-0.09	0	0
22	FACE VERT9	PX	-0.09	-0.09	0	0
23	FACE VERT10	PX	-0.09	-0.09	0	0
24	FACE VERT11	PX	-0.09	-0.09	0	0
25	FACE VERT12	PX	-0.09	-0.09	0	0
26	HORIZONTAL2	PX	-0.03	-0.03	0	0
27	HORIZONTAL1	PX	-0.09	-0.09	0	0
28	HORIZONTAL3	PX	-0.09	-0.09	0	0
29	DIAGONAL4	PX	-0.03	-0.03	0	0
30	DIAGONAL3	PX	-0.03	-0.03	0	0
31	DIAGONAL2	PX	-0.09	-0.09	0	0
32	DIAGONAL1	PX	-0.09	-0.09	0	0
33	DIAGONAL5	PX	-0.09	-0.09	0	0
34	DIAGONAL6	PX	-0.09	-0.09	0	0
35	SUPPORT1	PX	-0.09	-0.09	0	0
36	SUPPORT2	PX	-0.09	-0.09	0	0
37	SUPPORT3	PX	-0.09	-0.09	0	0
38	LADDER SUPPORT1	PX	-0.09	-0.09	0	0
39	LADDER SUPPORT2	PX	-0.09	-0.09	0	0
40	GRATING SUPPORT	PX	-0.03	-0.03	0	0
41	RUNNER1	PX	-0.03	-0.03	0	0
42	RUNNER2	PX	-0.03	-0.03	0	0
43	RUNG1	PX	-0.00835	-0.00835	0	0
44	RUNG2	PX	-0.00835	-0.00835	0	0
45	RUNG3	PX	-0.00835	-0.00835	0	0
46	RUNG4	PX	-0.00835	-0.00835	0	0
47	RUNG5	PX	-0.00835	-0.00835	0	0
48	RUNG6	PX	-0.00835	-0.00835	0	0
49	RUNG7	PX	-0.00835	-0.00835	0	0
50	RUNG8	PX	-0.00835	-0.00835	0	0
51	RUNG9	PX	-0.00835	-0.00835	0	0
52	PLATE1	PX	-0.00655	-0.00655	0	0
53	PLATE2	PX	-0.00655	-0.00655	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	PLATE3	PX	-.000655	-.000655	0	0
54	PLATE4	PX	-.000655	-.000655	0	0
55	PLATE5	PX	-.000655	-.000655	0	0
56	PLATE6	PX	-.000655	-.000655	0	0
57	MP ALPHA1	PX	-.008	-.008	0	0
58	MP ALPHA2	PX	-.008	-.008	0	0
59	MP ALPHA3	PX	-.008	-.008	0	0
60	MP ALPHA4	PX	-.008	-.008	0	0
61	MP BETA1	PX	-.008	-.008	0	0
62	MP BETA2	PX	-.008	-.008	0	0
63	MP BETA3	PX	-.008	-.008	0	0
64	MP BETA4	PX	-.008	-.008	0	0
65	MP GAMMA1	PX	-.008	-.008	0	0
66	MP GAMMA2	PX	-.008	-.008	0	0
67	MP GAMMA3	PX	-.008	-.008	0	0
68	MP GAMMA4	PX	-.008	-.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE4	PY	.004	.004	0	0
2	FACE3	PY	.004	.004	0	0
3	FACE2	PY	.013	.013	0	0
4	FACE1	PY	.013	.013	0	0
5	FACE5	PY	.013	.013	0	0
6	FACE6	PY	.013	.013	0	0
7	MID FACE2	PY	.004	.004	0	0
8	MID FACE1	PY	.013	.013	0	0
9	MID FACE3	PY	.013	.013	0	0
10	RAIL2	PY	.003	.003	0	0
11	RAIL1	PY	.008	.008	0	0
12	RAIL3	PY	.008	.008	0	0
13	FACE VERT5	PY	.002	.002	0	0
14	FACE VERT6	PY	.002	.002	0	0
15	FACE VERT7	PY	.002	.002	0	0
16	FACE VERT8	PY	.002	.002	0	0
17	FACE VERT1	PY	.005	.005	0	0
18	FACE VERT2	PY	.005	.005	0	0
19	FACE VERT3	PY	.005	.005	0	0
20	FACE VERT4	PY	.005	.005	0	0
21	FACE VERT9	PY	.005	.005	0	0
22	FACE VERT10	PY	.005	.005	0	0
23	FACE VERT11	PY	.005	.005	0	0
24	FACE VERT12	PY	.005	.005	0	0
25	HORIZONTAL2	PY	.002	.002	0	0
26	HORIZONTAL1	PY	.005	.005	0	0
27	HORIZONTAL3	PY	.005	.005	0	0
28	DIAGONAL4	PY	.002	.002	0	0
29	DIAGONAL3	PY	.002	.002	0	0
30	DIAGONAL2	PY	.005	.005	0	0
31	DIAGONAL1	PY	.005	.005	0	0
32	DIAGONAL5	PY	.005	.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
33	DIAGONAL6	PY	.005	.005	0	0
34	SUPPORT1	PY	.004	.004	0	0
35	SUPPORT2	PY	.004	.004	0	0
36	SUPPORT3	PY	.004	.004	0	0
37	LADDER SUPPORT1	PY	.004	.004	0	0
38	LADDER SUPPORT2	PY	.004	.004	0	0
39	GRATING SUPPORT	PY	.002	.002	0	0
40	RUNNER1	PY	.002	.002	0	0
41	RUNNER2	PY	.002	.002	0	0
42	RUNG1	PY	.000417	.000417	0	0
43	RUNG2	PY	.000417	.000417	0	0
44	RUNG3	PY	.000417	.000417	0	0
45	RUNG4	PY	.000417	.000417	0	0
46	RUNG5	PY	.000417	.000417	0	0
47	RUNG6	PY	.000417	.000417	0	0
48	RUNG7	PY	.000417	.000417	0	0
49	RUNG8	PY	.000417	.000417	0	0
50	RUNG9	PY	.000417	.000417	0	0
51	PLATE1	PY	.000328	.000328	0	0
52	PLATE2	PY	.000328	.000328	0	0
53	PLATE3	PY	.000328	.000328	0	0
54	PLATE4	PY	.000328	.000328	0	0
55	PLATE5	PY	.000328	.000328	0	0
56	PLATE6	PY	.000328	.000328	0	0
57	MP ALPHA1	PY	.004	.004	0	0
58	MP ALPHA2	PY	.004	.004	0	0
59	MP ALPHA3	PY	.004	.004	0	0
60	MP ALPHA4	PY	.004	.004	0	0
61	MP BETA1	PY	.004	.004	0	0
62	MP BETA2	PY	.004	.004	0	0
63	MP BETA3	PY	.004	.004	0	0
64	MP BETA4	PY	.004	.004	0	0
65	MP GAMMA1	PY	.004	.004	0	0
66	MP GAMMA2	PY	.004	.004	0	0
67	MP GAMMA3	PY	.004	.004	0	0
68	MP GAMMA4	PY	.004	.004	0	0
69	FACE4	PX	-.008	-.008	0	0
70	FACE3	PX	-.008	-.008	0	0
71	FACE2	PX	-.023	-.023	0	0
72	FACE1	PX	-.023	-.023	0	0
73	FACE5	PX	-.023	-.023	0	0
74	FACE6	PX	-.023	-.023	0	0
75	MID FACE2	PX	-.008	-.008	0	0
76	MID FACE1	PX	-.023	-.023	0	0
77	MID FACE3	PX	-.023	-.023	0	0
78	RAIL2	PX	-.005	-.005	0	0
79	RAIL1	PX	-.014	-.014	0	0
80	RAIL3	PX	-.014	-.014	0	0
81	FACE VERT5	PX	-.003	-.003	0	0
82	FACE VERT6	PX	-.003	-.003	0	0
83	FACE VERT7	PX	-.003	-.003	0	0
84	FACE VERT8	PX	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....	End Magnitude [k/ft, F...	Start Location [ft, %]	End Location [ft, %]
85	FACE VERT1	PX	-0.08	-0.08	0	0
86	FACE VERT2	PX	-0.08	-0.08	0	0
87	FACE VERT3	PX	-0.08	-0.08	0	0
88	FACE VERT4	PX	-0.08	-0.08	0	0
89	FACE VERT9	PX	-0.08	-0.08	0	0
90	FACE VERT10	PX	-0.08	-0.08	0	0
91	FACE VERT11	PX	-0.08	-0.08	0	0
92	FACE VERT12	PX	-0.08	-0.08	0	0
93	HORIZONTAL2	PX	-0.03	-0.03	0	0
94	HORIZONTAL1	PX	-0.08	-0.08	0	0
95	HORIZONTAL3	PX	-0.08	-0.08	0	0
96	DIAGONAL4	PX	-0.03	-0.03	0	0
97	DIAGONAL3	PX	-0.03	-0.03	0	0
98	DIAGONAL2	PX	-0.08	-0.08	0	0
99	DIAGONAL1	PX	-0.08	-0.08	0	0
100	DIAGONAL5	PX	-0.08	-0.08	0	0
101	DIAGONAL6	PX	-0.08	-0.08	0	0
102	SUPPORT1	PX	-0.08	-0.08	0	0
103	SUPPORT2	PX	-0.08	-0.08	0	0
104	SUPPORT3	PX	-0.08	-0.08	0	0
105	LADDER SUPPORT1	PX	-0.08	-0.08	0	0
106	LADDER SUPPORT2	PX	-0.08	-0.08	0	0
107	GRATING SUPPORT	PX	-0.03	-0.03	0	0
108	RUNNER1	PX	-0.03	-0.03	0	0
109	RUNNER2	PX	-0.03	-0.03	0	0
110	RUNG1	PX	-0.00723	-0.00723	0	0
111	RUNG2	PX	-0.00723	-0.00723	0	0
112	RUNG3	PX	-0.00723	-0.00723	0	0
113	RUNG4	PX	-0.00723	-0.00723	0	0
114	RUNG5	PX	-0.00723	-0.00723	0	0
115	RUNG6	PX	-0.00723	-0.00723	0	0
116	RUNG7	PX	-0.00723	-0.00723	0	0
117	RUNG8	PX	-0.00723	-0.00723	0	0
118	RUNG9	PX	-0.00723	-0.00723	0	0
119	PLATE1	PX	-0.00567	-0.00567	0	0
120	PLATE2	PX	-0.00567	-0.00567	0	0
121	PLATE3	PX	-0.00567	-0.00567	0	0
122	PLATE4	PX	-0.00567	-0.00567	0	0
123	PLATE5	PX	-0.00567	-0.00567	0	0
124	PLATE6	PX	-0.00567	-0.00567	0	0
125	MP ALPHA1	PX	-0.07	-0.07	0	0
126	MP ALPHA2	PX	-0.07	-0.07	0	0
127	MP ALPHA3	PX	-0.07	-0.07	0	0
128	MP ALPHA4	PX	-0.07	-0.07	0	0
129	MP BETA1	PX	-0.07	-0.07	0	0
130	MP BETA2	PX	-0.07	-0.07	0	0
131	MP BETA3	PX	-0.07	-0.07	0	0
132	MP BETA4	PX	-0.07	-0.07	0	0
133	MP GAMMA1	PX	-0.07	-0.07	0	0
134	MP GAMMA2	PX	-0.07	-0.07	0	0
135	MP GAMMA3	PX	-0.07	-0.07	0	0
136	MP GAMMA4	PX	-0.07	-0.07	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE4	PY	.008	.008	0	0
2	FACE3	PY	.008	.008	0	0
3	FACE2	PY	.023	.023	0	0
4	FACE1	PY	.023	.023	0	0
5	FACE5	PY	.023	.023	0	0
6	FACE6	PY	.023	.023	0	0
7	MID FACE2	PY	.008	.008	0	0
8	MID FACE1	PY	.023	.023	0	0
9	MID FACE3	PY	.023	.023	0	0
10	RAIL2	PY	.005	.005	0	0
11	RAIL1	PY	.014	.014	0	0
12	RAIL3	PY	.014	.014	0	0
13	FACE VERT5	PY	.003	.003	0	0
14	FACE VERT6	PY	.003	.003	0	0
15	FACE VERT7	PY	.003	.003	0	0
16	FACE VERT8	PY	.003	.003	0	0
17	FACE VERT1	PY	.008	.008	0	0
18	FACE VERT2	PY	.008	.008	0	0
19	FACE VERT3	PY	.008	.008	0	0
20	FACE VERT4	PY	.008	.008	0	0
21	FACE VERT9	PY	.008	.008	0	0
22	FACE VERT10	PY	.008	.008	0	0
23	FACE VERT11	PY	.008	.008	0	0
24	FACE VERT12	PY	.008	.008	0	0
25	HORIZONTAL2	PY	.003	.003	0	0
26	HORIZONTAL1	PY	.008	.008	0	0
27	HORIZONTAL3	PY	.008	.008	0	0
28	DIAGONAL4	PY	.003	.003	0	0
29	DIAGONAL3	PY	.003	.003	0	0
30	DIAGONAL2	PY	.008	.008	0	0
31	DIAGONAL1	PY	.008	.008	0	0
32	DIAGONAL5	PY	.008	.008	0	0
33	DIAGONAL6	PY	.008	.008	0	0
34	SUPPORT1	PY	.008	.008	0	0
35	SUPPORT2	PY	.008	.008	0	0
36	SUPPORT3	PY	.008	.008	0	0
37	LADDER SUPPORT1	PY	.008	.008	0	0
38	LADDER SUPPORT2	PY	.008	.008	0	0
39	GRATING SUPPORT	PY	.003	.003	0	0
40	RUNNER1	PY	.003	.003	0	0
41	RUNNER2	PY	.003	.003	0	0
42	RUNG1	PY	.000723	.000723	0	0
43	RUNG2	PY	.000723	.000723	0	0
44	RUNG3	PY	.000723	.000723	0	0
45	RUNG4	PY	.000723	.000723	0	0
46	RUNG5	PY	.000723	.000723	0	0
47	RUNG6	PY	.000723	.000723	0	0
48	RUNG7	PY	.000723	.000723	0	0
49	RUNG8	PY	.000723	.000723	0	0
50	RUNG9	PY	.000723	.000723	0	0
51	PLATE1	PY	.000567	.000567	0	0
52	PLATE2	PY	.000567	.000567	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
53	PLATE3	PY	.000567	.000567	0	0
54	PLATE4	PY	.000567	.000567	0	0
55	PLATE5	PY	.000567	.000567	0	0
56	PLATE6	PY	.000567	.000567	0	0
57	MP ALPHA1	PY	.007	.007	0	0
58	MP ALPHA2	PY	.007	.007	0	0
59	MP ALPHA3	PY	.007	.007	0	0
60	MP ALPHA4	PY	.007	.007	0	0
61	MP BETA1	PY	.007	.007	0	0
62	MP BETA2	PY	.007	.007	0	0
63	MP BETA3	PY	.007	.007	0	0
64	MP BETA4	PY	.007	.007	0	0
65	MP GAMMA1	PY	.007	.007	0	0
66	MP GAMMA2	PY	.007	.007	0	0
67	MP GAMMA3	PY	.007	.007	0	0
68	MP GAMMA4	PY	.007	.007	0	0
69	FACE4	PX	-.004	-.004	0	0
70	FACE3	PX	-.004	-.004	0	0
71	FACE2	PX	-.013	-.013	0	0
72	FACE1	PX	-.013	-.013	0	0
73	FACE5	PX	-.013	-.013	0	0
74	FACE6	PX	-.013	-.013	0	0
75	MID FACE2	PX	-.004	-.004	0	0
76	MID FACE1	PX	-.013	-.013	0	0
77	MID FACE3	PX	-.013	-.013	0	0
78	RAIL2	PX	-.003	-.003	0	0
79	RAIL1	PX	-.008	-.008	0	0
80	RAIL3	PX	-.008	-.008	0	0
81	FACE VERT5	PX	-.002	-.002	0	0
82	FACE VERT6	PX	-.002	-.002	0	0
83	FACE VERT7	PX	-.002	-.002	0	0
84	FACE VERT8	PX	-.002	-.002	0	0
85	FACE VERT1	PX	-.005	-.005	0	0
86	FACE VERT2	PX	-.005	-.005	0	0
87	FACE VERT3	PX	-.005	-.005	0	0
88	FACE VERT4	PX	-.005	-.005	0	0
89	FACE VERT9	PX	-.005	-.005	0	0
90	FACE VERT10	PX	-.005	-.005	0	0
91	FACE VERT11	PX	-.005	-.005	0	0
92	FACE VERT12	PX	-.005	-.005	0	0
93	HORIZONTAL2	PX	-.002	-.002	0	0
94	HORIZONTAL1	PX	-.005	-.005	0	0
95	HORIZONTAL3	PX	-.005	-.005	0	0
96	DIAGONAL4	PX	-.002	-.002	0	0
97	DIAGONAL3	PX	-.002	-.002	0	0
98	DIAGONAL2	PX	-.005	-.005	0	0
99	DIAGONAL1	PX	-.005	-.005	0	0
100	DIAGONAL5	PX	-.005	-.005	0	0
101	DIAGONAL6	PX	-.005	-.005	0	0
102	SUPPORT1	PX	-.004	-.004	0	0
103	SUPPORT2	PX	-.004	-.004	0	0
104	SUPPORT3	PX	-.004	-.004	0	0

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
105 LADDER SUPPORT1	PX	-.004	-.004	0	0
106 LADDER SUPPORT2	PX	-.004	-.004	0	0
107 GRATING SUPPORT	PX	-.002	-.002	0	0
108 RUNNER1	PX	-.002	-.002	0	0
109 RUNNER2	PX	-.002	-.002	0	0
110 RUNG1	PX	-.000417	-.000417	0	0
111 RUNG2	PX	-.000417	-.000417	0	0
112 RUNG3	PX	-.000417	-.000417	0	0
113 RUNG4	PX	-.000417	-.000417	0	0
114 RUNG5	PX	-.000417	-.000417	0	0
115 RUNG6	PX	-.000417	-.000417	0	0
116 RUNG7	PX	-.000417	-.000417	0	0
117 RUNG8	PX	-.000417	-.000417	0	0
118 RUNG9	PX	-.000417	-.000417	0	0
119 PLATE1	PX	-.000328	-.000328	0	0
120 PLATE2	PX	-.000328	-.000328	0	0
121 PLATE3	PX	-.000328	-.000328	0	0
122 PLATE4	PX	-.000328	-.000328	0	0
123 PLATE5	PX	-.000328	-.000328	0	0
124 PLATE6	PX	-.000328	-.000328	0	0
125 MP ALPHA1	PX	-.004	-.004	0	0
126 MP ALPHA2	PX	-.004	-.004	0	0
127 MP ALPHA3	PX	-.004	-.004	0	0
128 MP ALPHA4	PX	-.004	-.004	0	0
129 MP BETA1	PX	-.004	-.004	0	0
130 MP BETA2	PX	-.004	-.004	0	0
131 MP BETA3	PX	-.004	-.004	0	0
132 MP BETA4	PX	-.004	-.004	0	0
133 MP GAMMA1	PX	-.004	-.004	0	0
134 MP GAMMA2	PX	-.004	-.004	0	0
135 MP GAMMA3	PX	-.004	-.004	0	0
136 MP GAMMA4	PX	-.004	-.004	0	0

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1 FACE4	PY	.009	.009	0	0
2 FACE3	PY	.009	.009	0	0
3 FACE2	PY	.026	.026	0	0
4 FACE1	PY	.026	.026	0	0
5 FACE5	PY	.026	.026	0	0
6 FACE6	PY	.026	.026	0	0
7 MID FACE2	PY	.009	.009	0	0
8 MID FACE1	PY	.026	.026	0	0
9 MID FACE3	PY	.026	.026	0	0
10 RAIL2	PY	.005	.005	0	0
11 RAIL1	PY	.016	.016	0	0
12 RAIL3	PY	.016	.016	0	0
13 FACE VERT5	PY	.003	.003	0	0
14 FACE VERT6	PY	.003	.003	0	0
15 FACE VERT7	PY	.003	.003	0	0
16 FACE VERT8	PY	.003	.003	0	0

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

Member Label	Direction	Start Magnitude [k/ft,....	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
17	FACE VERT1	PY	.009	0	0
18	FACE VERT2	PY	.009	0	0
19	FACE VERT3	PY	.009	0	0
20	FACE VERT4	PY	.009	0	0
21	FACE VERT9	PY	.009	0	0
22	FACE VERT10	PY	.009	0	0
23	FACE VERT11	PY	.009	0	0
24	FACE VERT12	PY	.009	0	0
25	HORIZONTAL2	PY	.003	0	0
26	HORIZONTAL1	PY	.009	0	0
27	HORIZONTAL3	PY	.009	0	0
28	DIAGONAL4	PY	.003	0	0
29	DIAGONAL3	PY	.003	0	0
30	DIAGONAL2	PY	.009	0	0
31	DIAGONAL1	PY	.009	0	0
32	DIAGONAL5	PY	.009	0	0
33	DIAGONAL6	PY	.009	0	0
34	SUPPORT1	PY	.009	0	0
35	SUPPORT2	PY	.009	0	0
36	SUPPORT3	PY	.009	0	0
37	LADDER SUPPORT1	PY	.009	0	0
38	LADDER SUPPORT2	PY	.009	0	0
39	GRATING SUPPORT	PY	.003	0	0
40	RUNNER1	PY	.003	0	0
41	RUNNER2	PY	.003	0	0
42	RUNG1	PY	.00835	0	0
43	RUNG2	PY	.00835	0	0
44	RUNG3	PY	.00835	0	0
45	RUNG4	PY	.00835	0	0
46	RUNG5	PY	.00835	0	0
47	RUNG6	PY	.00835	0	0
48	RUNG7	PY	.00835	0	0
49	RUNG8	PY	.00835	0	0
50	RUNG9	PY	.00835	0	0
51	PLATE1	PY	.00655	0	0
52	PLATE2	PY	.00655	0	0
53	PLATE3	PY	.00655	0	0
54	PLATE4	PY	.00655	0	0
55	PLATE5	PY	.00655	0	0
56	PLATE6	PY	.00655	0	0
57	MP ALPHA1	PY	.008	0	0
58	MP ALPHA2	PY	.008	0	0
59	MP ALPHA3	PY	.008	0	0
60	MP ALPHA4	PY	.008	0	0
61	MP BETA1	PY	.008	0	0
62	MP BETA2	PY	.008	0	0
63	MP BETA3	PY	.008	0	0
64	MP BETA4	PY	.008	0	0
65	MP GAMMA1	PY	.008	0	0
66	MP GAMMA2	PY	.008	0	0
67	MP GAMMA3	PY	.008	0	0
68	MP GAMMA4	PY	.008	0	0

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

1	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
2	FACE6	PY	.008	.008	0	0
3	FACE5	PY	.008	.008	0	0
4	FACE4	PY	.023	.023	0	0
5	FACE3	PY	.023	.023	0	0
6	FACE2	PY	.023	.023	0	0
7	FACE1	PY	.023	.023	0	0
8	MID FACE3	PY	.008	.008	0	0
9	MID FACE2	PY	.023	.023	0	0
10	MID FACE1	PY	.023	.023	0	0
11	RAIL3	PY	.005	.005	0	0
12	RAIL2	PY	.014	.014	0	0
13	RAIL1	PY	.014	.014	0	0
14	FACE VERT9	PY	.003	.003	0	0
15	FACE VERT10	PY	.003	.003	0	0
16	FACE VERT11	PY	.003	.003	0	0
17	FACE VERT12	PY	.003	.003	0	0
18	FACE VERT5	PY	.008	.008	0	0
19	FACE VERT6	PY	.008	.008	0	0
20	FACE VERT7	PY	.008	.008	0	0
21	FACE VERT8	PY	.008	.008	0	0
22	FACE VERT1	PY	.008	.008	0	0
23	FACE VERT2	PY	.008	.008	0	0
24	FACE VERT3	PY	.008	.008	0	0
25	FACE VERT4	PY	.008	.008	0	0
26	HORIZONTAL3	PY	.003	.003	0	0
27	HORIZONTAL2	PY	.008	.008	0	0
28	HORIZONTAL1	PY	.008	.008	0	0
29	DIAGONAL6	PY	.003	.003	0	0
30	DIAGONAL5	PY	.003	.003	0	0
31	DIAGONAL4	PY	.008	.008	0	0
32	DIAGONAL3	PY	.008	.008	0	0
33	DIAGONAL2	PY	.008	.008	0	0
34	DIAGONAL1	PY	.008	.008	0	0
35	SUPPORT1	PY	.008	.008	0	0
36	SUPPORT2	PY	.008	.008	0	0
37	SUPPORT3	PY	.008	.008	0	0
38	LADDER SUPPORT1	PY	.008	.008	0	0
39	LADDER SUPPORT2	PY	.008	.008	0	0
40	GRATING SUPPORT	PY	.003	.003	0	0
41	RUNNER1	PY	.003	.003	0	0
42	RUNNER2	PY	.003	.003	0	0
43	RUNG1	PY	.000723	.000723	0	0
44	RUNG2	PY	.000723	.000723	0	0
45	RUNG3	PY	.000723	.000723	0	0
46	RUNG4	PY	.000723	.000723	0	0
47	RUNG5	PY	.000723	.000723	0	0
48	RUNG6	PY	.000723	.000723	0	0
49	RUNG7	PY	.000723	.000723	0	0
50	RUNG8	PY	.000723	.000723	0	0
51	RUNG9	PY	.000723	.000723	0	0
52	PLATE1	PY	.000567	.000567	0	0
53	PLATE2	PY	.000567	.000567	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
53	PLATE3	PY	.000567	.000567	0	0
54	PLATE4	PY	.000567	.000567	0	0
55	PLATE5	PY	.000567	.000567	0	0
56	PLATE6	PY	.000567	.000567	0	0
57	MP ALPHA1	PY	.007	.007	0	0
58	MP ALPHA2	PY	.007	.007	0	0
59	MP ALPHA3	PY	.007	.007	0	0
60	MP ALPHA4	PY	.007	.007	0	0
61	MP BETA1	PY	.007	.007	0	0
62	MP BETA2	PY	.007	.007	0	0
63	MP BETA3	PY	.007	.007	0	0
64	MP BETA4	PY	.007	.007	0	0
65	MP GAMMA1	PY	.007	.007	0	0
66	MP GAMMA2	PY	.007	.007	0	0
67	MP GAMMA3	PY	.007	.007	0	0
68	MP GAMMA4	PY	.007	.007	0	0
69	FACE6	PX	.004	.004	0	0
70	FACE5	PX	.004	.004	0	0
71	FACE4	PX	.013	.013	0	0
72	FACE3	PX	.013	.013	0	0
73	FACE2	PX	.013	.013	0	0
74	FACE1	PX	.013	.013	0	0
75	MID FACE3	PX	.004	.004	0	0
76	MID FACE2	PX	.013	.013	0	0
77	MID FACE1	PX	.013	.013	0	0
78	RAIL3	PX	.003	.003	0	0
79	RAIL2	PX	.008	.008	0	0
80	RAIL1	PX	.008	.008	0	0
81	FACE VERT9	PX	.002	.002	0	0
82	FACE VERT10	PX	.002	.002	0	0
83	FACE VERT11	PX	.002	.002	0	0
84	FACE VERT12	PX	.002	.002	0	0
85	FACE VERT5	PX	.005	.005	0	0
86	FACE VERT6	PX	.005	.005	0	0
87	FACE VERT7	PX	.005	.005	0	0
88	FACE VERT8	PX	.005	.005	0	0
89	FACE VERT1	PX	.005	.005	0	0
90	FACE VERT2	PX	.005	.005	0	0
91	FACE VERT3	PX	.005	.005	0	0
92	FACE VERT4	PX	.005	.005	0	0
93	HORIZONTAL3	PX	.002	.002	0	0
94	HORIZONTAL2	PX	.005	.005	0	0
95	HORIZONTAL1	PX	.005	.005	0	0
96	DIAGONAL6	PX	.002	.002	0	0
97	DIAGONAL5	PX	.002	.002	0	0
98	DIAGONAL4	PX	.005	.005	0	0
99	DIAGONAL3	PX	.005	.005	0	0
100	DIAGONAL2	PX	.005	.005	0	0
101	DIAGONAL1	PX	.005	.005	0	0
102	SUPPORT1	PX	.004	.004	0	0
103	SUPPORT2	PX	.004	.004	0	0
104	SUPPORT3	PX	.004	.004	0	0

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

	Member Label	Direction	Start Magnitude [k/ft, ...]	End Magnitude [k/ft, F, ...]	Start Location [ft, %]	End Location [ft, %]
105	LADDER SUPPORT1	PX	.004	.004	0	0
106	LADDER SUPPORT2	PX	.004	.004	0	0
107	GRATING SUPPORT	PX	.002	.002	0	0
108	RUNNER1	PX	.002	.002	0	0
109	RUNNER2	PX	.002	.002	0	0
110	RUNG1	PX	.000417	.000417	0	0
111	RUNG2	PX	.000417	.000417	0	0
112	RUNG3	PX	.000417	.000417	0	0
113	RUNG4	PX	.000417	.000417	0	0
114	RUNG5	PX	.000417	.000417	0	0
115	RUNG6	PX	.000417	.000417	0	0
116	RUNG7	PX	.000417	.000417	0	0
117	RUNG8	PX	.000417	.000417	0	0
118	RUNG9	PX	.000417	.000417	0	0
119	PLATE1	PX	.000328	.000328	0	0
120	PLATE2	PX	.000328	.000328	0	0
121	PLATE3	PX	.000328	.000328	0	0
122	PLATE4	PX	.000328	.000328	0	0
123	PLATE5	PX	.000328	.000328	0	0
124	PLATE6	PX	.000328	.000328	0	0
125	MP ALPHA1	PX	.004	.004	0	0
126	MP ALPHA2	PX	.004	.004	0	0
127	MP ALPHA3	PX	.004	.004	0	0
128	MP ALPHA4	PX	.004	.004	0	0
129	MP BETA1	PX	.004	.004	0	0
130	MP BETA2	PX	.004	.004	0	0
131	MP BETA3	PX	.004	.004	0	0
132	MP BETA4	PX	.004	.004	0	0
133	MP GAMMA1	PX	.004	.004	0	0
134	MP GAMMA2	PX	.004	.004	0	0
135	MP GAMMA3	PX	.004	.004	0	0
136	MP GAMMA4	PX	.004	.004	0	0

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

	Member Label	Direction	Start Magnitude [k/ft, ...]	End Magnitude [k/ft, F, ...]	Start Location [ft, %]	End Location [ft, %]
1	FACE6	PY	.004	.004	0	0
2	FACE5	PY	.004	.004	0	0
3	FACE4	PY	.013	.013	0	0
4	FACE3	PY	.013	.013	0	0
5	FACE2	PY	.013	.013	0	0
6	FACE1	PY	.013	.013	0	0
7	MID FACE3	PY	.004	.004	0	0
8	MID FACE2	PY	.013	.013	0	0
9	MID FACE1	PY	.013	.013	0	0
10	RAIL3	PY	.003	.003	0	0
11	RAIL2	PY	.008	.008	0	0
12	RAIL1	PY	.008	.008	0	0
13	FACE VERT9	PY	.002	.002	0	0
14	FACE VERT10	PY	.002	.002	0	0
15	FACE VERT11	PY	.002	.002	0	0
16	FACE VERT12	PY	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
17	FACE VERT5	PY	.005	.005	0	0
18	FACE VERT6	PY	.005	.005	0	0
19	FACE VERT7	PY	.005	.005	0	0
20	FACE VERT8	PY	.005	.005	0	0
21	FACE VERT1	PY	.005	.005	0	0
22	FACE VERT2	PY	.005	.005	0	0
23	FACE VERT3	PY	.005	.005	0	0
24	FACE VERT4	PY	.005	.005	0	0
25	HORIZONTAL3	PY	.002	.002	0	0
26	HORIZONTAL2	PY	.005	.005	0	0
27	HORIZONTAL1	PY	.005	.005	0	0
28	DIAGONAL6	PY	.002	.002	0	0
29	DIAGONAL5	PY	.002	.002	0	0
30	DIAGONAL4	PY	.005	.005	0	0
31	DIAGONAL3	PY	.005	.005	0	0
32	DIAGONAL2	PY	.005	.005	0	0
33	DIAGONAL1	PY	.005	.005	0	0
34	SUPPORT1	PY	.004	.004	0	0
35	SUPPORT2	PY	.004	.004	0	0
36	SUPPORT3	PY	.004	.004	0	0
37	LADDER SUPPORT1	PY	.004	.004	0	0
38	LADDER SUPPORT2	PY	.004	.004	0	0
39	GRATING SUPPORT	PY	.002	.002	0	0
40	RUNNER1	PY	.002	.002	0	0
41	RUNNER2	PY	.002	.002	0	0
42	RUNG1	PY	.000417	.000417	0	0
43	RUNG2	PY	.000417	.000417	0	0
44	RUNG3	PY	.000417	.000417	0	0
45	RUNG4	PY	.000417	.000417	0	0
46	RUNG5	PY	.000417	.000417	0	0
47	RUNG6	PY	.000417	.000417	0	0
48	RUNG7	PY	.000417	.000417	0	0
49	RUNG8	PY	.000417	.000417	0	0
50	RUNG9	PY	.000417	.000417	0	0
51	PLATE1	PY	.000328	.000328	0	0
52	PLATE2	PY	.000328	.000328	0	0
53	PLATE3	PY	.000328	.000328	0	0
54	PLATE4	PY	.000328	.000328	0	0
55	PLATE5	PY	.000328	.000328	0	0
56	PLATE6	PY	.000328	.000328	0	0
57	MP ALPHA1	PY	.004	.004	0	0
58	MP ALPHA2	PY	.004	.004	0	0
59	MP ALPHA3	PY	.004	.004	0	0
60	MP ALPHA4	PY	.004	.004	0	0
61	MP BETA1	PY	.004	.004	0	0
62	MP BETA2	PY	.004	.004	0	0
63	MP BETA3	PY	.004	.004	0	0
64	MP BETA4	PY	.004	.004	0	0
65	MP GAMMA1	PY	.004	.004	0	0
66	MP GAMMA2	PY	.004	.004	0	0
67	MP GAMMA3	PY	.004	.004	0	0
68	MP GAMMA4	PY	.004	.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
69	FACE6	PX	.008	.008	0	0
70	FACE5	PX	.008	.008	0	0
71	FACE4	PX	.023	.023	0	0
72	FACE3	PX	.023	.023	0	0
73	FACE2	PX	.023	.023	0	0
74	FACE1	PX	.023	.023	0	0
75	MID FACE3	PX	.008	.008	0	0
76	MID FACE2	PX	.023	.023	0	0
77	MID FACE1	PX	.023	.023	0	0
78	RAIL3	PX	.005	.005	0	0
79	RAIL2	PX	.014	.014	0	0
80	RAIL1	PX	.014	.014	0	0
81	FACE VERT9	PX	.003	.003	0	0
82	FACE VERT10	PX	.003	.003	0	0
83	FACE VERT11	PX	.003	.003	0	0
84	FACE VERT12	PX	.003	.003	0	0
85	FACE VERT5	PX	.008	.008	0	0
86	FACE VERT6	PX	.008	.008	0	0
87	FACE VERT7	PX	.008	.008	0	0
88	FACE VERT8	PX	.008	.008	0	0
89	FACE VERT1	PX	.008	.008	0	0
90	FACE VERT2	PX	.008	.008	0	0
91	FACE VERT3	PX	.008	.008	0	0
92	FACE VERT4	PX	.008	.008	0	0
93	HORIZONTAL3	PX	.003	.003	0	0
94	HORIZONTAL2	PX	.008	.008	0	0
95	HORIZONTAL1	PX	.008	.008	0	0
96	DIAGONAL6	PX	.003	.003	0	0
97	DIAGONAL5	PX	.003	.003	0	0
98	DIAGONAL4	PX	.008	.008	0	0
99	DIAGONAL3	PX	.008	.008	0	0
100	DIAGONAL2	PX	.008	.008	0	0
101	DIAGONAL1	PX	.008	.008	0	0
102	SUPPORT1	PX	.008	.008	0	0
103	SUPPORT2	PX	.008	.008	0	0
104	SUPPORT3	PX	.008	.008	0	0
105	LADDER SUPPORT1	PX	.008	.008	0	0
106	LADDER SUPPORT2	PX	.008	.008	0	0
107	GRATING SUPPORT	PX	.003	.003	0	0
108	RUNNER1	PX	.003	.003	0	0
109	RUNNER2	PX	.003	.003	0	0
110	RUNG1	PX	.000723	.000723	0	0
111	RUNG2	PX	.000723	.000723	0	0
112	RUNG3	PX	.000723	.000723	0	0
113	RUNG4	PX	.000723	.000723	0	0
114	RUNG5	PX	.000723	.000723	0	0
115	RUNG6	PX	.000723	.000723	0	0
116	RUNG7	PX	.000723	.000723	0	0
117	RUNG8	PX	.000723	.000723	0	0
118	RUNG9	PX	.000723	.000723	0	0
119	PLATE1	PX	.000567	.000567	0	0
120	PLATE2	PX	.000567	.000567	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
121	PLATE3	PX	.000567	.000567	0	0
122	PLATE4	PX	.000567	.000567	0	0
123	PLATE5	PX	.000567	.000567	0	0
124	PLATE6	PX	.000567	.000567	0	0
125	MP ALPHA1	PX	.007	.007	0	0
126	MP ALPHA2	PX	.007	.007	0	0
127	MP ALPHA3	PX	.007	.007	0	0
128	MP ALPHA4	PX	.007	.007	0	0
129	MP BETA1	PX	.007	.007	0	0
130	MP BETA2	PX	.007	.007	0	0
131	MP BETA3	PX	.007	.007	0	0
132	MP BETA4	PX	.007	.007	0	0
133	MP GAMMA1	PX	.007	.007	0	0
134	MP GAMMA2	PX	.007	.007	0	0
135	MP GAMMA3	PX	.007	.007	0	0
136	MP GAMMA4	PX	.007	.007	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE6	PX	.009	.009	0	0
2	FACE5	PX	.009	.009	0	0
3	FACE4	PX	.026	.026	0	0
4	FACE3	PX	.026	.026	0	0
5	FACE2	PX	.026	.026	0	0
6	FACE1	PX	.026	.026	0	0
7	MID FACE3	PX	.009	.009	0	0
8	MID FACE2	PX	.026	.026	0	0
9	MID FACE1	PX	.026	.026	0	0
10	RAIL3	PX	.005	.005	0	0
11	RAIL2	PX	.016	.016	0	0
12	RAIL1	PX	.016	.016	0	0
13	FACE VERT9	PX	.003	.003	0	0
14	FACE VERT10	PX	.003	.003	0	0
15	FACE VERT11	PX	.003	.003	0	0
16	FACE VERT12	PX	.003	.003	0	0
17	FACE VERT5	PX	.009	.009	0	0
18	FACE VERT6	PX	.009	.009	0	0
19	FACE VERT7	PX	.009	.009	0	0
20	FACE VERT8	PX	.009	.009	0	0
21	FACE VERT1	PX	.009	.009	0	0
22	FACE VERT2	PX	.009	.009	0	0
23	FACE VERT3	PX	.009	.009	0	0
24	FACE VERT4	PX	.009	.009	0	0
25	HORIZONTAL3	PX	.003	.003	0	0
26	HORIZONTAL2	PX	.009	.009	0	0
27	HORIZONTAL1	PX	.009	.009	0	0
28	DIAGONAL6	PX	.003	.003	0	0
29	DIAGONAL5	PX	.003	.003	0	0
30	DIAGONAL4	PX	.009	.009	0	0
31	DIAGONAL3	PX	.009	.009	0	0
32	DIAGONAL2	PX	.009	.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
33	DIAGONAL1	PX	.009	.009	0	0
34	SUPPORT1	PX	.009	.009	0	0
35	SUPPORT2	PX	.009	.009	0	0
36	SUPPORT3	PX	.009	.009	0	0
37	LADDER SUPPORT1	PX	.009	.009	0	0
38	LADDER SUPPORT2	PX	.009	.009	0	0
39	GRATING SUPPORT	PX	.003	.003	0	0
40	RUNNER1	PX	.003	.003	0	0
41	RUNNER2	PX	.003	.003	0	0
42	RUNG1	PX	.00835	.00835	0	0
43	RUNG2	PX	.00835	.00835	0	0
44	RUNG3	PX	.00835	.00835	0	0
45	RUNG4	PX	.00835	.00835	0	0
46	RUNG5	PX	.00835	.00835	0	0
47	RUNG6	PX	.00835	.00835	0	0
48	RUNG7	PX	.00835	.00835	0	0
49	RUNG8	PX	.00835	.00835	0	0
50	RUNG9	PX	.00835	.00835	0	0
51	PLATE1	PX	.00655	.00655	0	0
52	PLATE2	PX	.00655	.00655	0	0
53	PLATE3	PX	.00655	.00655	0	0
54	PLATE4	PX	.00655	.00655	0	0
55	PLATE5	PX	.00655	.00655	0	0
56	PLATE6	PX	.00655	.00655	0	0
57	MP ALPHA1	PX	.008	.008	0	0
58	MP ALPHA2	PX	.008	.008	0	0
59	MP ALPHA3	PX	.008	.008	0	0
60	MP ALPHA4	PX	.008	.008	0	0
61	MP BETA1	PX	.008	.008	0	0
62	MP BETA2	PX	.008	.008	0	0
63	MP BETA3	PX	.008	.008	0	0
64	MP BETA4	PX	.008	.008	0	0
65	MP GAMMA1	PX	.008	.008	0	0
66	MP GAMMA2	PX	.008	.008	0	0
67	MP GAMMA3	PX	.008	.008	0	0
68	MP GAMMA4	PX	.008	.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE6	PY	-.004	-.004	0	0
2	FACE5	PY	-.004	-.004	0	0
3	FACE4	PY	-.013	-.013	0	0
4	FACE3	PY	-.013	-.013	0	0
5	FACE2	PY	-.013	-.013	0	0
6	FACE1	PY	-.013	-.013	0	0
7	MID FACE3	PY	-.004	-.004	0	0
8	MID FACE2	PY	-.013	-.013	0	0
9	MID FACE1	PY	-.013	-.013	0	0
10	RAIL3	PY	-.003	-.003	0	0
11	RAIL2	PY	-.008	-.008	0	0
12	RAIL1	PY	-.008	-.008	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....	End Magnitude [k/ft, F...	Start Location [ft, %]	End Location [ft, %]
13	FACE VERT9	PY	-0.02	-0.02	0	0
14	FACE VERT10	PY	-0.02	-0.02	0	0
15	FACE VERT11	PY	-0.02	-0.02	0	0
16	FACE VERT12	PY	-0.02	-0.02	0	0
17	FACE VERT5	PY	-0.05	-0.05	0	0
18	FACE VERT6	PY	-0.05	-0.05	0	0
19	FACE VERT7	PY	-0.05	-0.05	0	0
20	FACE VERT8	PY	-0.05	-0.05	0	0
21	FACE VERT1	PY	-0.05	-0.05	0	0
22	FACE VERT2	PY	-0.05	-0.05	0	0
23	FACE VERT3	PY	-0.05	-0.05	0	0
24	FACE VERT4	PY	-0.05	-0.05	0	0
25	HORIZONTAL3	PY	-0.02	-0.02	0	0
26	HORIZONTAL2	PY	-0.05	-0.05	0	0
27	HORIZONTAL1	PY	-0.05	-0.05	0	0
28	DIAGONAL6	PY	-0.02	-0.02	0	0
29	DIAGONAL5	PY	-0.02	-0.02	0	0
30	DIAGONAL4	PY	-0.05	-0.05	0	0
31	DIAGONAL3	PY	-0.05	-0.05	0	0
32	DIAGONAL2	PY	-0.05	-0.05	0	0
33	DIAGONAL1	PY	-0.05	-0.05	0	0
34	SUPPORT1	PY	-0.04	-0.04	0	0
35	SUPPORT2	PY	-0.04	-0.04	0	0
36	SUPPORT3	PY	-0.04	-0.04	0	0
37	LADDER SUPPORT1	PY	-0.04	-0.04	0	0
38	LADDER SUPPORT2	PY	-0.04	-0.04	0	0
39	GRATING SUPPORT	PY	-0.02	-0.02	0	0
40	RUNNER1	PY	-0.02	-0.02	0	0
41	RUNNER2	PY	-0.02	-0.02	0	0
42	RUNG1	PY	-0.00417	-0.00417	0	0
43	RUNG2	PY	-0.00417	-0.00417	0	0
44	RUNG3	PY	-0.00417	-0.00417	0	0
45	RUNG4	PY	-0.00417	-0.00417	0	0
46	RUNG5	PY	-0.00417	-0.00417	0	0
47	RUNG6	PY	-0.00417	-0.00417	0	0
48	RUNG7	PY	-0.00417	-0.00417	0	0
49	RUNG8	PY	-0.00417	-0.00417	0	0
50	RUNG9	PY	-0.00417	-0.00417	0	0
51	PLATE1	PY	-0.00328	-0.00328	0	0
52	PLATE2	PY	-0.00328	-0.00328	0	0
53	PLATE3	PY	-0.00328	-0.00328	0	0
54	PLATE4	PY	-0.00328	-0.00328	0	0
55	PLATE5	PY	-0.00328	-0.00328	0	0
56	PLATE6	PY	-0.00328	-0.00328	0	0
57	MP ALPHA1	PY	-0.04	-0.04	0	0
58	MP ALPHA2	PY	-0.04	-0.04	0	0
59	MP ALPHA3	PY	-0.04	-0.04	0	0
60	MP ALPHA4	PY	-0.04	-0.04	0	0
61	MP BETA1	PY	-0.04	-0.04	0	0
62	MP BETA2	PY	-0.04	-0.04	0	0
63	MP BETA3	PY	-0.04	-0.04	0	0
64	MP BETA4	PY	-0.04	-0.04	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
65	MP GAMMA1	PY	-.004	-.004	0	0
66	MP GAMMA2	PY	-.004	-.004	0	0
67	MP GAMMA3	PY	-.004	-.004	0	0
68	MP GAMMA4	PY	-.004	-.004	0	0
69	FACE6	PX	.008	.008	0	0
70	FACE5	PX	.008	.008	0	0
71	FACE4	PX	.023	.023	0	0
72	FACE3	PX	.023	.023	0	0
73	FACE2	PX	.023	.023	0	0
74	FACE1	PX	.023	.023	0	0
75	MID FACE3	PX	.008	.008	0	0
76	MID FACE2	PX	.023	.023	0	0
77	MID FACE1	PX	.023	.023	0	0
78	RAIL3	PX	.005	.005	0	0
79	RAIL2	PX	.014	.014	0	0
80	RAIL1	PX	.014	.014	0	0
81	FACE VERT9	PX	.003	.003	0	0
82	FACE VERT10	PX	.003	.003	0	0
83	FACE VERT11	PX	.003	.003	0	0
84	FACE VERT12	PX	.003	.003	0	0
85	FACE VERT5	PX	.008	.008	0	0
86	FACE VERT6	PX	.008	.008	0	0
87	FACE VERT7	PX	.008	.008	0	0
88	FACE VERT8	PX	.008	.008	0	0
89	FACE VERT1	PX	.008	.008	0	0
90	FACE VERT2	PX	.008	.008	0	0
91	FACE VERT3	PX	.008	.008	0	0
92	FACE VERT4	PX	.008	.008	0	0
93	HORIZONTAL3	PX	.003	.003	0	0
94	HORIZONTAL2	PX	.008	.008	0	0
95	HORIZONTAL1	PX	.008	.008	0	0
96	DIAGONAL6	PX	.003	.003	0	0
97	DIAGONAL5	PX	.003	.003	0	0
98	DIAGONAL4	PX	.008	.008	0	0
99	DIAGONAL3	PX	.008	.008	0	0
100	DIAGONAL2	PX	.008	.008	0	0
101	DIAGONAL1	PX	.008	.008	0	0
102	SUPPORT1	PX	.008	.008	0	0
103	SUPPORT2	PX	.008	.008	0	0
104	SUPPORT3	PX	.008	.008	0	0
105	LADDER SUPPORT1	PX	.008	.008	0	0
106	LADDER SUPPORT2	PX	.008	.008	0	0
107	GRATING SUPPORT	PX	.003	.003	0	0
108	RUNNER1	PX	.003	.003	0	0
109	RUNNER2	PX	.003	.003	0	0
110	RUNG1	PX	.000723	.000723	0	0
111	RUNG2	PX	.000723	.000723	0	0
112	RUNG3	PX	.000723	.000723	0	0
113	RUNG4	PX	.000723	.000723	0	0
114	RUNG5	PX	.000723	.000723	0	0
115	RUNG6	PX	.000723	.000723	0	0
116	RUNG7	PX	.000723	.000723	0	0

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

Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
117	RUNG8	PX	.000723	.000723	0
118	RUNG9	PX	.000723	.000723	0
119	PLATE1	PX	.000567	.000567	0
120	PLATE2	PX	.000567	.000567	0
121	PLATE3	PX	.000567	.000567	0
122	PLATE4	PX	.000567	.000567	0
123	PLATE5	PX	.000567	.000567	0
124	PLATE6	PX	.000567	.000567	0
125	MP ALPHA1	PX	.007	.007	0
126	MP ALPHA2	PX	.007	.007	0
127	MP ALPHA3	PX	.007	.007	0
128	MP ALPHA4	PX	.007	.007	0
129	MP BETA1	PX	.007	.007	0
130	MP BETA2	PX	.007	.007	0
131	MP BETA3	PX	.007	.007	0
132	MP BETA4	PX	.007	.007	0
133	MP GAMMA1	PX	.007	.007	0
134	MP GAMMA2	PX	.007	.007	0
135	MP GAMMA3	PX	.007	.007	0
136	MP GAMMA4	PX	.007	.007	0

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

Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE1	PY	-.008	-.008	0
2	FACE2	PY	-.008	-.008	0
3	FACE3	PY	-.023	-.023	0
4	FACE4	PY	-.023	-.023	0
5	FACE5	PY	-.023	-.023	0
6	FACE6	PY	-.023	-.023	0
7	MID FACE1	PY	-.008	-.008	0
8	MID FACE2	PY	-.023	-.023	0
9	MID FACE3	PY	-.023	-.023	0
10	RAIL1	PY	-.005	-.005	0
11	RAIL2	PY	-.014	-.014	0
12	RAIL3	PY	-.014	-.014	0
13	FACE VERT1	PY	-.003	-.003	0
14	FACE VERT2	PY	-.003	-.003	0
15	FACE VERT3	PY	-.003	-.003	0
16	FACE VERT4	PY	-.003	-.003	0
17	FACE VERT5	PY	-.008	-.008	0
18	FACE VERT6	PY	-.008	-.008	0
19	FACE VERT7	PY	-.008	-.008	0
20	FACE VERT8	PY	-.008	-.008	0
21	FACE VERT9	PY	-.008	-.008	0
22	FACE VERT10	PY	-.008	-.008	0
23	FACE VERT11	PY	-.008	-.008	0
24	FACE VERT12	PY	-.008	-.008	0
25	HORIZONTAL1	PY	-.003	-.003	0
26	HORIZONTAL2	PY	-.008	-.008	0
27	HORIZONTAL3	PY	-.008	-.008	0
28	DIAGONAL1	PY	-.003	-.003	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
29	DIAGONAL2	PY	-.003	-.003	0	0
30	DIAGONAL3	PY	-.008	-.008	0	0
31	DIAGONAL4	PY	-.008	-.008	0	0
32	DIAGONAL5	PY	-.008	-.008	0	0
33	DIAGONAL6	PY	-.008	-.008	0	0
34	SUPPORT1	PY	-.008	-.008	0	0
35	SUPPORT2	PY	-.008	-.008	0	0
36	SUPPORT3	PY	-.008	-.008	0	0
37	LADDER SUPPORT1	PY	-.008	-.008	0	0
38	LADDER SUPPORT2	PY	-.008	-.008	0	0
39	GRATING SUPPORT	PY	-.003	-.003	0	0
40	RUNNER1	PY	-.003	-.003	0	0
41	RUNNER2	PY	-.003	-.003	0	0
42	RUNG1	PY	-.000723	-.000723	0	0
43	RUNG2	PY	-.000723	-.000723	0	0
44	RUNG3	PY	-.000723	-.000723	0	0
45	RUNG4	PY	-.000723	-.000723	0	0
46	RUNG5	PY	-.000723	-.000723	0	0
47	RUNG6	PY	-.000723	-.000723	0	0
48	RUNG7	PY	-.000723	-.000723	0	0
49	RUNG8	PY	-.000723	-.000723	0	0
50	RUNG9	PY	-.000723	-.000723	0	0
51	PLATE1	PY	-.000567	-.000567	0	0
52	PLATE2	PY	-.000567	-.000567	0	0
53	PLATE3	PY	-.000567	-.000567	0	0
54	PLATE4	PY	-.000567	-.000567	0	0
55	PLATE5	PY	-.000567	-.000567	0	0
56	PLATE6	PY	-.000567	-.000567	0	0
57	MP ALPHA1	PY	-.007	-.007	0	0
58	MP ALPHA2	PY	-.007	-.007	0	0
59	MP ALPHA3	PY	-.007	-.007	0	0
60	MP ALPHA4	PY	-.007	-.007	0	0
61	MP BETA1	PY	-.007	-.007	0	0
62	MP BETA2	PY	-.007	-.007	0	0
63	MP BETA3	PY	-.007	-.007	0	0
64	MP BETA4	PY	-.007	-.007	0	0
65	MP GAMMA1	PY	-.007	-.007	0	0
66	MP GAMMA2	PY	-.007	-.007	0	0
67	MP GAMMA3	PY	-.007	-.007	0	0
68	MP GAMMA4	PY	-.007	-.007	0	0
69	FACE1	PX	.004	.004	0	0
70	FACE2	PX	.004	.004	0	0
71	FACE3	PX	.013	.013	0	0
72	FACE4	PX	.013	.013	0	0
73	FACE5	PX	.013	.013	0	0
74	FACE6	PX	.013	.013	0	0
75	MID FACE1	PX	.004	.004	0	0
76	MID FACE2	PX	.013	.013	0	0
77	MID FACE3	PX	.013	.013	0	0
78	RAIL1	PX	.003	.003	0	0
79	RAIL2	PX	.008	.008	0	0
80	RAIL3	PX	.008	.008	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....	End Magnitude[k/ft,F...	Start Location [ft, %]	End Location[ft, %]
81	FACE VERT1	PX	.002	.002	0	0
82	FACE VERT2	PX	.002	.002	0	0
83	FACE VERT3	PX	.002	.002	0	0
84	FACE VERT4	PX	.002	.002	0	0
85	FACE VERT5	PX	.005	.005	0	0
86	FACE VERT6	PX	.005	.005	0	0
87	FACE VERT7	PX	.005	.005	0	0
88	FACE VERT8	PX	.005	.005	0	0
89	FACE VERT9	PX	.005	.005	0	0
90	FACE VERT10	PX	.005	.005	0	0
91	FACE VERT11	PX	.005	.005	0	0
92	FACE VERT12	PX	.005	.005	0	0
93	HORIZONTAL1	PX	.002	.002	0	0
94	HORIZONTAL2	PX	.005	.005	0	0
95	HORIZONTAL3	PX	.005	.005	0	0
96	DIAGONAL1	PX	.002	.002	0	0
97	DIAGONAL2	PX	.002	.002	0	0
98	DIAGONAL3	PX	.005	.005	0	0
99	DIAGONAL4	PX	.005	.005	0	0
100	DIAGONAL5	PX	.005	.005	0	0
101	DIAGONAL6	PX	.005	.005	0	0
102	SUPPORT1	PX	.004	.004	0	0
103	SUPPORT2	PX	.004	.004	0	0
104	SUPPORT3	PX	.004	.004	0	0
105	LADDER SUPPORT1	PX	.004	.004	0	0
106	LADDER SUPPORT2	PX	.004	.004	0	0
107	GRATING SUPPORT	PX	.002	.002	0	0
108	RUNNER1	PX	.002	.002	0	0
109	RUNNER2	PX	.002	.002	0	0
110	RUNG1	PX	.000417	.000417	0	0
111	RUNG2	PX	.000417	.000417	0	0
112	RUNG3	PX	.000417	.000417	0	0
113	RUNG4	PX	.000417	.000417	0	0
114	RUNG5	PX	.000417	.000417	0	0
115	RUNG6	PX	.000417	.000417	0	0
116	RUNG7	PX	.000417	.000417	0	0
117	RUNG8	PX	.000417	.000417	0	0
118	RUNG9	PX	.000417	.000417	0	0
119	PLATE1	PX	.000328	.000328	0	0
120	PLATE2	PX	.000328	.000328	0	0
121	PLATE3	PX	.000328	.000328	0	0
122	PLATE4	PX	.000328	.000328	0	0
123	PLATE5	PX	.000328	.000328	0	0
124	PLATE6	PX	.000328	.000328	0	0
125	MP ALPHA1	PX	.004	.004	0	0
126	MP ALPHA2	PX	.004	.004	0	0
127	MP ALPHA3	PX	.004	.004	0	0
128	MP ALPHA4	PX	.004	.004	0	0
129	MP BETA1	PX	.004	.004	0	0
130	MP BETA2	PX	.004	.004	0	0
131	MP BETA3	PX	.004	.004	0	0
132	MP BETA4	PX	.004	.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....]	End Magnitude[k/ft,F,...]	Start Location[ft, %]	End Location[ft, %]
133	MP GAMMA1	PX	.004	.004	0	0
134	MP GAMMA2	PX	.004	.004	0	0
135	MP GAMMA3	PX	.004	.004	0	0
136	MP GAMMA4	PX	.004	.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....]	End Magnitude[k/ft,F,...]	Start Location[ft, %]	End Location[ft, %]
1	FACE1	PY	-.00052	-.00052	0	0
2	FACE2	PY	-.00052	-.00052	0	0
3	FACE3	PY	-.002	-.002	0	0
4	FACE4	PY	-.002	-.002	0	0
5	FACE5	PY	-.002	-.002	0	0
6	FACE6	PY	-.002	-.002	0	0
7	MID FACE1	PY	-.00052	-.00052	0	0
8	MID FACE2	PY	-.002	-.002	0	0
9	MID FACE3	PY	-.002	-.002	0	0
10	RAIL1	PY	-.000312	-.000312	0	0
11	RAIL2	PY	-.000929	-.000929	0	0
12	RAIL3	PY	-.000929	-.000929	0	0
13	FACE VERT1	PY	-.000182	-.000182	0	0
14	FACE VERT2	PY	-.000182	-.000182	0	0
15	FACE VERT3	PY	-.000182	-.000182	0	0
16	FACE VERT4	PY	-.000182	-.000182	0	0
17	FACE VERT5	PY	-.000542	-.000542	0	0
18	FACE VERT6	PY	-.000542	-.000542	0	0
19	FACE VERT7	PY	-.000542	-.000542	0	0
20	FACE VERT8	PY	-.000542	-.000542	0	0
21	FACE VERT9	PY	-.000542	-.000542	0	0
22	FACE VERT10	PY	-.000542	-.000542	0	0
23	FACE VERT11	PY	-.000542	-.000542	0	0
24	FACE VERT12	PY	-.000542	-.000542	0	0
25	HORIZONTAL1	PY	-.000182	-.000182	0	0
26	HORIZONTAL2	PY	-.000542	-.000542	0	0
27	HORIZONTAL3	PY	-.000542	-.000542	0	0
28	DIAGONAL1	PY	-.000182	-.000182	0	0
29	DIAGONAL2	PY	-.000182	-.000182	0	0
30	DIAGONAL3	PY	-.000542	-.000542	0	0
31	DIAGONAL4	PY	-.000542	-.000542	0	0
32	DIAGONAL5	PY	-.000542	-.000542	0	0
33	DIAGONAL6	PY	-.000542	-.000542	0	0
34	SUPPORT1	PY	-.00052	-.00052	0	0
35	SUPPORT2	PY	-.00052	-.00052	0	0
36	SUPPORT3	PY	-.00052	-.00052	0	0
37	LADDER SUPPORT1	PY	-.00052	-.00052	0	0
38	LADDER SUPPORT2	PY	-.00052	-.00052	0	0
39	GRATING SUPPORT	PY	-.00052	-.00052	0	0
40	RUNNER1	PY	-.000208	-.000208	0	0
41	RUNNER2	PY	-.000182	-.000182	0	0
42	RUNG1	PY	-5e-5	-5e-5	0	0
43	RUNG2	PY	-5e-5	-5e-5	0	0
44	RUNG3	PY	-5e-5	-5e-5	0	0

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

Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
45	RUNG4	PY	-5e-5	-5e-5	0
46	RUNG5	PY	-5e-5	-5e-5	0
47	RUNG6	PY	-5e-5	-5e-5	0
48	RUNG7	PY	-5e-5	-5e-5	0
49	RUNG8	PY	-5e-5	-5e-5	0
50	RUNG9	PY	-5e-5	-5e-5	0
51	PLATE1	PY	-3.9e-5	-3.9e-5	0
52	PLATE2	PY	-3.9e-5	-3.9e-5	0
53	PLATE3	PY	-3.9e-5	-3.9e-5	0
54	PLATE4	PY	-3.9e-5	-3.9e-5	0
55	PLATE5	PY	-3.9e-5	-3.9e-5	0
56	PLATE6	PY	-3.9e-5	-3.9e-5	0
57	MP ALPHA1	PY	-0.00494	-0.00494	0
58	MP ALPHA2	PY	-0.00494	-0.00494	0
59	MP ALPHA3	PY	-0.00494	-0.00494	0
60	MP ALPHA4	PY	-0.00494	-0.00494	0
61	MP BETA1	PY	-0.00494	-0.00494	0
62	MP BETA2	PY	-0.00494	-0.00494	0
63	MP BETA3	PY	-0.00494	-0.00494	0
64	MP BETA4	PY	-0.00494	-0.00494	0
65	MP GAMMA1	PY	-0.00494	-0.00494	0
66	MP GAMMA2	PY	-0.00494	-0.00494	0
67	MP GAMMA3	PY	-0.00494	-0.00494	0
68	MP GAMMA4	PY	-0.00494	-0.00494	0

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

Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE1	PY	-0.0045	-0.0045	0
2	FACE2	PY	-0.0045	-0.0045	0
3	FACE3	PY	-0.001	-0.001	0
4	FACE4	PY	-0.001	-0.001	0
5	FACE5	PY	-0.001	-0.001	0
6	FACE6	PY	-0.001	-0.001	0
7	MID FACE1	PY	-0.0045	-0.0045	0
8	MID FACE2	PY	-0.001	-0.001	0
9	MID FACE3	PY	-0.001	-0.001	0
10	RAIL1	PY	-0.0027	-0.0027	0
11	RAIL2	PY	-0.00804	-0.00804	0
12	RAIL3	PY	-0.00804	-0.00804	0
13	FACE VERT1	PY	-0.00157	-0.00157	0
14	FACE VERT2	PY	-0.00157	-0.00157	0
15	FACE VERT3	PY	-0.00157	-0.00157	0
16	FACE VERT4	PY	-0.00157	-0.00157	0
17	FACE VERT5	PY	-0.00469	-0.00469	0
18	FACE VERT6	PY	-0.00469	-0.00469	0
19	FACE VERT7	PY	-0.00469	-0.00469	0
20	FACE VERT8	PY	-0.00469	-0.00469	0
21	FACE VERT9	PY	-0.00469	-0.00469	0
22	FACE VERT10	PY	-0.00469	-0.00469	0
23	FACE VERT11	PY	-0.00469	-0.00469	0
24	FACE VERT12	PY	-0.00469	-0.00469	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location [ft, %]	End Location [ft, %]
25	HORIZONTAL1	PY	-.000157	-.000157	0	0
26	HORIZONTAL2	PY	-.000469	-.000469	0	0
27	HORIZONTAL3	PY	-.000469	-.000469	0	0
28	DIAGONAL1	PY	-.000157	-.000157	0	0
29	DIAGONAL2	PY	-.000157	-.000157	0	0
30	DIAGONAL3	PY	-.000469	-.000469	0	0
31	DIAGONAL4	PY	-.000469	-.000469	0	0
32	DIAGONAL5	PY	-.000469	-.000469	0	0
33	DIAGONAL6	PY	-.000469	-.000469	0	0
34	SUPPORT1	PY	-.00045	-.00045	0	0
35	SUPPORT2	PY	-.00045	-.00045	0	0
36	SUPPORT3	PY	-.00045	-.00045	0	0
37	LADDER SUPPORT1	PY	-.00045	-.00045	0	0
38	LADDER SUPPORT2	PY	-.00045	-.00045	0	0
39	GRATING SUPPORT	PY	-.00018	-.00018	0	0
40	RUNNER1	PY	-.000157	-.000157	0	0
41	RUNNER2	PY	-.000157	-.000157	0	0
42	RUNG1	PY	-4.3e-5	-4.3e-5	0	0
43	RUNG2	PY	-4.3e-5	-4.3e-5	0	0
44	RUNG3	PY	-4.3e-5	-4.3e-5	0	0
45	RUNG4	PY	-4.3e-5	-4.3e-5	0	0
46	RUNG5	PY	-4.3e-5	-4.3e-5	0	0
47	RUNG6	PY	-4.3e-5	-4.3e-5	0	0
48	RUNG7	PY	-4.3e-5	-4.3e-5	0	0
49	RUNG8	PY	-4.3e-5	-4.3e-5	0	0
50	RUNG9	PY	-4.3e-5	-4.3e-5	0	0
51	PLATE1	PY	-3.4e-5	-3.4e-5	0	0
52	PLATE2	PY	-3.4e-5	-3.4e-5	0	0
53	PLATE3	PY	-3.4e-5	-3.4e-5	0	0
54	PLATE4	PY	-3.4e-5	-3.4e-5	0	0
55	PLATE5	PY	-3.4e-5	-3.4e-5	0	0
56	PLATE6	PY	-3.4e-5	-3.4e-5	0	0
57	MP ALPHA1	PY	-.000427	-.000427	0	0
58	MP ALPHA2	PY	-.000427	-.000427	0	0
59	MP ALPHA3	PY	-.000427	-.000427	0	0
60	MP ALPHA4	PY	-.000427	-.000427	0	0
61	MP BETA1	PY	-.000427	-.000427	0	0
62	MP BETA2	PY	-.000427	-.000427	0	0
63	MP BETA3	PY	-.000427	-.000427	0	0
64	MP BETA4	PY	-.000427	-.000427	0	0
65	MP GAMMA1	PY	-.000427	-.000427	0	0
66	MP GAMMA2	PY	-.000427	-.000427	0	0
67	MP GAMMA3	PY	-.000427	-.000427	0	0
68	MP GAMMA4	PY	-.000427	-.000427	0	0
69	FACE1	PX	-.00026	-.00026	0	0
70	FACE2	PX	-.00026	-.00026	0	0
71	FACE3	PX	-.000774	-.000774	0	0
72	FACE4	PX	-.000774	-.000774	0	0
73	FACE5	PX	-.000774	-.000774	0	0
74	FACE6	PX	-.000774	-.000774	0	0
75	MID FACE1	PX	-.00026	-.00026	0	0
76	MID FACE2	PX	-.000774	-.000774	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location [ft, %]	End Location [ft, %]
77	MID FACE3	PX	-.000774	-.000774	0	0
78	RAIL1	PX	-.000156	-.000156	0	0
79	RAIL2	PX	-.000464	-.000464	0	0
80	RAIL3	PX	-.000464	-.000464	0	0
81	FACE VERT1	PX	-9.1e-5	-9.1e-5	0	0
82	FACE VERT2	PX	-9.1e-5	-9.1e-5	0	0
83	FACE VERT3	PX	-9.1e-5	-9.1e-5	0	0
84	FACE VERT4	PX	-9.1e-5	-9.1e-5	0	0
85	FACE VERT5	PX	-.000271	-.000271	0	0
86	FACE VERT6	PX	-.000271	-.000271	0	0
87	FACE VERT7	PX	-.000271	-.000271	0	0
88	FACE VERT8	PX	-.000271	-.000271	0	0
89	FACE VERT9	PX	-.000271	-.000271	0	0
90	FACE VERT10	PX	-.000271	-.000271	0	0
91	FACE VERT11	PX	-.000271	-.000271	0	0
92	FACE VERT12	PX	-.000271	-.000271	0	0
93	HORIZONTAL1	PX	-9.1e-5	-9.1e-5	0	0
94	HORIZONTAL2	PX	-.000271	-.000271	0	0
95	HORIZONTAL3	PX	-.000271	-.000271	0	0
96	DIAGONAL1	PX	-9.1e-5	-9.1e-5	0	0
97	DIAGONAL2	PX	-9.1e-5	-9.1e-5	0	0
98	DIAGONAL3	PX	-.000271	-.000271	0	0
99	DIAGONAL4	PX	-.000271	-.000271	0	0
100	DIAGONAL5	PX	-.000271	-.000271	0	0
101	DIAGONAL6	PX	-.000271	-.000271	0	0
102	SUPPORT1	PX	-.00026	-.00026	0	0
103	SUPPORT2	PX	-.00026	-.00026	0	0
104	SUPPORT3	PX	-.00026	-.00026	0	0
105	LADDER SUPPORT1	PX	-.00026	-.00026	0	0
106	LADDER SUPPORT2	PX	-.00026	-.00026	0	0
107	GRATING SUPPORT	PX	-.000104	-.000104	0	0
108	RUNNER1	PX	-9.1e-5	-9.1e-5	0	0
109	RUNNER2	PX	-9.1e-5	-9.1e-5	0	0
110	RUNG1	PX	-2.5e-5	-2.5e-5	0	0
111	RUNG2	PX	-2.5e-5	-2.5e-5	0	0
112	RUNG3	PX	-2.5e-5	-2.5e-5	0	0
113	RUNG4	PX	-2.5e-5	-2.5e-5	0	0
114	RUNG5	PX	-2.5e-5	-2.5e-5	0	0
115	RUNG6	PX	-2.5e-5	-2.5e-5	0	0
116	RUNG7	PX	-2.5e-5	-2.5e-5	0	0
117	RUNG8	PX	-2.5e-5	-2.5e-5	0	0
118	RUNG9	PX	-2.5e-5	-2.5e-5	0	0
119	PLATE1	PX	-1.9e-5	-1.9e-5	0	0
120	PLATE2	PX	-1.9e-5	-1.9e-5	0	0
121	PLATE3	PX	-1.9e-5	-1.9e-5	0	0
122	PLATE4	PX	-1.9e-5	-1.9e-5	0	0
123	PLATE5	PX	-1.9e-5	-1.9e-5	0	0
124	PLATE6	PX	-1.9e-5	-1.9e-5	0	0
125	MP ALPHA1	PX	-.000247	-.000247	0	0
126	MP ALPHA2	PX	-.000247	-.000247	0	0
127	MP ALPHA3	PX	-.000247	-.000247	0	0
128	MP ALPHA4	PX	-.000247	-.000247	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
129	MP BETA1	PX	-.000247	-.000247	0	0
130	MP BETA2	PX	-.000247	-.000247	0	0
131	MP BETA3	PX	-.000247	-.000247	0	0
132	MP BETA4	PX	-.000247	-.000247	0	0
133	MP GAMMA1	PX	-.000247	-.000247	0	0
134	MP GAMMA2	PX	-.000247	-.000247	0	0
135	MP GAMMA3	PX	-.000247	-.000247	0	0
136	MP GAMMA4	PX	-.000247	-.000247	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE1	PY	-.00026	-.00026	0	0
2	FACE2	PY	-.00026	-.00026	0	0
3	FACE3	PY	-.000774	-.000774	0	0
4	FACE4	PY	-.000774	-.000774	0	0
5	FACE5	PY	-.000774	-.000774	0	0
6	FACE6	PY	-.000774	-.000774	0	0
7	MID FACE1	PY	-.00026	-.00026	0	0
8	MID FACE2	PY	-.000774	-.000774	0	0
9	MID FACE3	PY	-.000774	-.000774	0	0
10	RAIL1	PY	-.000156	-.000156	0	0
11	RAIL2	PY	-.000464	-.000464	0	0
12	RAIL3	PY	-.000464	-.000464	0	0
13	FACE VERT1	PY	-9.1e-5	-9.1e-5	0	0
14	FACE VERT2	PY	-9.1e-5	-9.1e-5	0	0
15	FACE VERT3	PY	-9.1e-5	-9.1e-5	0	0
16	FACE VERT4	PY	-9.1e-5	-9.1e-5	0	0
17	FACE VERT5	PY	-.000271	-.000271	0	0
18	FACE VERT6	PY	-.000271	-.000271	0	0
19	FACE VERT7	PY	-.000271	-.000271	0	0
20	FACE VERT8	PY	-.000271	-.000271	0	0
21	FACE VERT9	PY	-.000271	-.000271	0	0
22	FACE VERT10	PY	-.000271	-.000271	0	0
23	FACE VERT11	PY	-.000271	-.000271	0	0
24	FACE VERT12	PY	-.000271	-.000271	0	0
25	HORIZONTAL1	PY	-9.1e-5	-9.1e-5	0	0
26	HORIZONTAL2	PY	-.000271	-.000271	0	0
27	HORIZONTAL3	PY	-.000271	-.000271	0	0
28	DIAGONAL1	PY	-9.1e-5	-9.1e-5	0	0
29	DIAGONAL2	PY	-9.1e-5	-9.1e-5	0	0
30	DIAGONAL3	PY	-.000271	-.000271	0	0
31	DIAGONAL4	PY	-.000271	-.000271	0	0
32	DIAGONAL5	PY	-.000271	-.000271	0	0
33	DIAGONAL6	PY	-.000271	-.000271	0	0
34	SUPPORT1	PY	-.00026	-.00026	0	0
35	SUPPORT2	PY	-.00026	-.00026	0	0
36	SUPPORT3	PY	-.00026	-.00026	0	0
37	LADDER SUPPORT1	PY	-.00026	-.00026	0	0
38	LADDER SUPPORT2	PY	-.00026	-.00026	0	0
39	GRATING SUPPORT	PY	-.000104	-.000104	0	0
40	RUNNER1	PY	-9.1e-5	-9.1e-5	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
41	RUNNER2	PY	-9.1e-5	-9.1e-5	0	0
42	RUNG1	PY	-2.5e-5	-2.5e-5	0	0
43	RUNG2	PY	-2.5e-5	-2.5e-5	0	0
44	RUNG3	PY	-2.5e-5	-2.5e-5	0	0
45	RUNG4	PY	-2.5e-5	-2.5e-5	0	0
46	RUNG5	PY	-2.5e-5	-2.5e-5	0	0
47	RUNG6	PY	-2.5e-5	-2.5e-5	0	0
48	RUNG7	PY	-2.5e-5	-2.5e-5	0	0
49	RUNG8	PY	-2.5e-5	-2.5e-5	0	0
50	RUNG9	PY	-2.5e-5	-2.5e-5	0	0
51	PLATE1	PY	-1.9e-5	-1.9e-5	0	0
52	PLATE2	PY	-1.9e-5	-1.9e-5	0	0
53	PLATE3	PY	-1.9e-5	-1.9e-5	0	0
54	PLATE4	PY	-1.9e-5	-1.9e-5	0	0
55	PLATE5	PY	-1.9e-5	-1.9e-5	0	0
56	PLATE6	PY	-1.9e-5	-1.9e-5	0	0
57	MP ALPHA1	PY	-.000247	-.000247	0	0
58	MP ALPHA2	PY	-.000247	-.000247	0	0
59	MP ALPHA3	PY	-.000247	-.000247	0	0
60	MP ALPHA4	PY	-.000247	-.000247	0	0
61	MP BETA1	PY	-.000247	-.000247	0	0
62	MP BETA2	PY	-.000247	-.000247	0	0
63	MP BETA3	PY	-.000247	-.000247	0	0
64	MP BETA4	PY	-.000247	-.000247	0	0
65	MP GAMMA1	PY	-.000247	-.000247	0	0
66	MP GAMMA2	PY	-.000247	-.000247	0	0
67	MP GAMMA3	PY	-.000247	-.000247	0	0
68	MP GAMMA4	PY	-.000247	-.000247	0	0
69	FACE1	PX	-.00045	-.00045	0	0
70	FACE2	PX	-.00045	-.00045	0	0
71	FACE3	PX	-.001	-.001	0	0
72	FACE4	PX	-.001	-.001	0	0
73	FACE5	PX	-.001	-.001	0	0
74	FACE6	PX	-.001	-.001	0	0
75	MID FACE1	PX	-.00045	-.00045	0	0
76	MID FACE2	PX	-.001	-.001	0	0
77	MID FACE3	PX	-.001	-.001	0	0
78	RAIL1	PX	-.00027	-.00027	0	0
79	RAIL2	PX	-.000804	-.000804	0	0
80	RAIL3	PX	-.000804	-.000804	0	0
81	FACE VERT1	PX	-.000157	-.000157	0	0
82	FACE VERT2	PX	-.000157	-.000157	0	0
83	FACE VERT3	PX	-.000157	-.000157	0	0
84	FACE VERT4	PX	-.000157	-.000157	0	0
85	FACE VERT5	PX	-.000469	-.000469	0	0
86	FACE VERT6	PX	-.000469	-.000469	0	0
87	FACE VERT7	PX	-.000469	-.000469	0	0
88	FACE VERT8	PX	-.000469	-.000469	0	0
89	FACE VERT9	PX	-.000469	-.000469	0	0
90	FACE VERT10	PX	-.000469	-.000469	0	0
91	FACE VERT11	PX	-.000469	-.000469	0	0
92	FACE VERT12	PX	-.000469	-.000469	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F,...	Start Location [ft, %]	End Location[ft, %]
93	HORIZONTAL1	PX	-.000157	-.000157	0	0
94	HORIZONTAL2	PX	-.000469	-.000469	0	0
95	HORIZONTAL3	PX	-.000469	-.000469	0	0
96	DIAGONAL1	PX	-.000157	-.000157	0	0
97	DIAGONAL2	PX	-.000157	-.000157	0	0
98	DIAGONAL3	PX	-.000469	-.000469	0	0
99	DIAGONAL4	PX	-.000469	-.000469	0	0
100	DIAGONAL5	PX	-.000469	-.000469	0	0
101	DIAGONAL6	PX	-.000469	-.000469	0	0
102	SUPPORT1	PX	-.00045	-.00045	0	0
103	SUPPORT2	PX	-.00045	-.00045	0	0
104	SUPPORT3	PX	-.00045	-.00045	0	0
105	LADDER SUPPORT1	PX	-.00045	-.00045	0	0
106	LADDER SUPPORT2	PX	-.00045	-.00045	0	0
107	GRATING SUPPORT	PX	-.00018	-.00018	0	0
108	RUNNER1	PX	-.000157	-.000157	0	0
109	RUNNER2	PX	-.000157	-.000157	0	0
110	RUNG1	PX	-4.3e-5	-4.3e-5	0	0
111	RUNG2	PX	-4.3e-5	-4.3e-5	0	0
112	RUNG3	PX	-4.3e-5	-4.3e-5	0	0
113	RUNG4	PX	-4.3e-5	-4.3e-5	0	0
114	RUNG5	PX	-4.3e-5	-4.3e-5	0	0
115	RUNG6	PX	-4.3e-5	-4.3e-5	0	0
116	RUNG7	PX	-4.3e-5	-4.3e-5	0	0
117	RUNG8	PX	-4.3e-5	-4.3e-5	0	0
118	RUNG9	PX	-4.3e-5	-4.3e-5	0	0
119	PLATE1	PX	-3.4e-5	-3.4e-5	0	0
120	PLATE2	PX	-3.4e-5	-3.4e-5	0	0
121	PLATE3	PX	-3.4e-5	-3.4e-5	0	0
122	PLATE4	PX	-3.4e-5	-3.4e-5	0	0
123	PLATE5	PX	-3.4e-5	-3.4e-5	0	0
124	PLATE6	PX	-3.4e-5	-3.4e-5	0	0
125	MP ALPHA1	PX	-.000427	-.000427	0	0
126	MP ALPHA2	PX	-.000427	-.000427	0	0
127	MP ALPHA3	PX	-.000427	-.000427	0	0
128	MP ALPHA4	PX	-.000427	-.000427	0	0
129	MP BETA1	PX	-.000427	-.000427	0	0
130	MP BETA2	PX	-.000427	-.000427	0	0
131	MP BETA3	PX	-.000427	-.000427	0	0
132	MP BETA4	PX	-.000427	-.000427	0	0
133	MP GAMMA1	PX	-.000427	-.000427	0	0
134	MP GAMMA2	PX	-.000427	-.000427	0	0
135	MP GAMMA3	PX	-.000427	-.000427	0	0
136	MP GAMMA4	PX	-.000427	-.000427	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F,...	Start Location [ft, %]	End Location[ft, %]
1	FACE4	PX	-.00052	-.00052	0	0
2	FACE3	PX	-.00052	-.00052	0	0
3	FACE2	PX	-.002	-.002	0	0
4	FACE1	PX	-.002	-.002	0	0

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

Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
5	FACE5	PX	-0.002	-0.002	0
6	FACE6	PX	-0.002	-0.002	0
7	MID FACE2	PX	-0.0052	-0.0052	0
8	MID FACE1	PX	-0.002	-0.002	0
9	MID FACE3	PX	-0.002	-0.002	0
10	RAIL2	PX	-0.00312	-0.00312	0
11	RAIL1	PX	-0.00929	-0.00929	0
12	RAIL3	PX	-0.00929	-0.00929	0
13	FACE VERT5	PX	-0.00182	-0.00182	0
14	FACE VERT6	PX	-0.00182	-0.00182	0
15	FACE VERT7	PX	-0.00182	-0.00182	0
16	FACE VERT8	PX	-0.00182	-0.00182	0
17	FACE VERT1	PX	-0.00542	-0.00542	0
18	FACE VERT2	PX	-0.00542	-0.00542	0
19	FACE VERT3	PX	-0.00542	-0.00542	0
20	FACE VERT4	PX	-0.00542	-0.00542	0
21	FACE VERT9	PX	-0.00542	-0.00542	0
22	FACE VERT10	PX	-0.00542	-0.00542	0
23	FACE VERT11	PX	-0.00542	-0.00542	0
24	FACE VERT12	PX	-0.00542	-0.00542	0
25	HORIZONTAL2	PX	-0.00182	-0.00182	0
26	HORIZONTAL1	PX	-0.00542	-0.00542	0
27	HORIZONTAL3	PX	-0.00542	-0.00542	0
28	DIAGONAL4	PX	-0.00182	-0.00182	0
29	DIAGONAL3	PX	-0.00182	-0.00182	0
30	DIAGONAL2	PX	-0.00542	-0.00542	0
31	DIAGONAL1	PX	-0.00542	-0.00542	0
32	DIAGONAL5	PX	-0.00542	-0.00542	0
33	DIAGONAL6	PX	-0.00542	-0.00542	0
34	SUPPORT1	PX	-0.0052	-0.0052	0
35	SUPPORT2	PX	-0.0052	-0.0052	0
36	SUPPORT3	PX	-0.0052	-0.0052	0
37	LADDER SUPPORT1	PX	-0.0052	-0.0052	0
38	LADDER SUPPORT2	PX	-0.0052	-0.0052	0
39	GRATING SUPPORT	PX	-0.00208	-0.00208	0
40	RUNNER1	PX	-0.00182	-0.00182	0
41	RUNNER2	PX	-0.00182	-0.00182	0
42	RUNG1	PX	-5e-5	-5e-5	0
43	RUNG2	PX	-5e-5	-5e-5	0
44	RUNG3	PX	-5e-5	-5e-5	0
45	RUNG4	PX	-5e-5	-5e-5	0
46	RUNG5	PX	-5e-5	-5e-5	0
47	RUNG6	PX	-5e-5	-5e-5	0
48	RUNG7	PX	-5e-5	-5e-5	0
49	RUNG8	PX	-5e-5	-5e-5	0
50	RUNG9	PX	-5e-5	-5e-5	0
51	PLATE1	PX	-3.9e-5	-3.9e-5	0
52	PLATE2	PX	-3.9e-5	-3.9e-5	0
53	PLATE3	PX	-3.9e-5	-3.9e-5	0
54	PLATE4	PX	-3.9e-5	-3.9e-5	0
55	PLATE5	PX	-3.9e-5	-3.9e-5	0
56	PLATE6	PX	-3.9e-5	-3.9e-5	0

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

Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
57 MP ALPHA1	PX	-.000494	-.000494	0	0
58 MP ALPHA2	PX	-.000494	-.000494	0	0
59 MP ALPHA3	PX	-.000494	-.000494	0	0
60 MP ALPHA4	PX	-.000494	-.000494	0	0
61 MP BETA1	PX	-.000494	-.000494	0	0
62 MP BETA2	PX	-.000494	-.000494	0	0
63 MP BETA3	PX	-.000494	-.000494	0	0
64 MP BETA4	PX	-.000494	-.000494	0	0
65 MP GAMMA1	PX	-.000494	-.000494	0	0
66 MP GAMMA2	PX	-.000494	-.000494	0	0
67 MP GAMMA3	PX	-.000494	-.000494	0	0
68 MP GAMMA4	PX	-.000494	-.000494	0	0

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

Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1 FACE4	PY	.00026	.00026	0	0
2 FACE3	PY	.00026	.00026	0	0
3 FACE2	PY	.000774	.000774	0	0
4 FACE1	PY	.000774	.000774	0	0
5 FACE5	PY	.000774	.000774	0	0
6 FACE6	PY	.000774	.000774	0	0
7 MID FACE2	PY	.00026	.00026	0	0
8 MID FACE1	PY	.000774	.000774	0	0
9 MID FACE3	PY	.000774	.000774	0	0
10 RAIL2	PY	.000156	.000156	0	0
11 RAIL1	PY	.000464	.000464	0	0
12 RAIL3	PY	.000464	.000464	0	0
13 FACE VERT5	PY	9.1e-5	9.1e-5	0	0
14 FACE VERT6	PY	9.1e-5	9.1e-5	0	0
15 FACE VERT7	PY	9.1e-5	9.1e-5	0	0
16 FACE VERT8	PY	9.1e-5	9.1e-5	0	0
17 FACE VERT1	PY	.000271	.000271	0	0
18 FACE VERT2	PY	.000271	.000271	0	0
19 FACE VERT3	PY	.000271	.000271	0	0
20 FACE VERT4	PY	.000271	.000271	0	0
21 FACE VERT9	PY	.000271	.000271	0	0
22 FACE VERT10	PY	.000271	.000271	0	0
23 FACE VERT11	PY	.000271	.000271	0	0
24 FACE VERT12	PY	.000271	.000271	0	0
25 HORIZONTAL2	PY	9.1e-5	9.1e-5	0	0
26 HORIZONTAL1	PY	.000271	.000271	0	0
27 HORIZONTAL3	PY	.000271	.000271	0	0
28 DIAGONAL4	PY	9.1e-5	9.1e-5	0	0
29 DIAGONAL3	PY	9.1e-5	9.1e-5	0	0
30 DIAGONAL2	PY	.000271	.000271	0	0
31 DIAGONAL1	PY	.000271	.000271	0	0
32 DIAGONAL5	PY	.000271	.000271	0	0
33 DIAGONAL6	PY	.000271	.000271	0	0
34 SUPPORT1	PY	.00026	.00026	0	0
35 SUPPORT2	PY	.00026	.00026	0	0
36 SUPPORT3	PY	.00026	.00026	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
37	LADDER SUPPORT1	PY	.00026	.00026	0	0
38	LADDER SUPPORT2	PY	.00026	.00026	0	0
39	GRATING SUPPORT	PY	.000104	.000104	0	0
40	RUNNER1	PY	9.1e-5	9.1e-5	0	0
41	RUNNER2	PY	9.1e-5	9.1e-5	0	0
42	RUNG1	PY	2.5e-5	2.5e-5	0	0
43	RUNG2	PY	2.5e-5	2.5e-5	0	0
44	RUNG3	PY	2.5e-5	2.5e-5	0	0
45	RUNG4	PY	2.5e-5	2.5e-5	0	0
46	RUNG5	PY	2.5e-5	2.5e-5	0	0
47	RUNG6	PY	2.5e-5	2.5e-5	0	0
48	RUNG7	PY	2.5e-5	2.5e-5	0	0
49	RUNG8	PY	2.5e-5	2.5e-5	0	0
50	RUNG9	PY	2.5e-5	2.5e-5	0	0
51	PLATE1	PY	1.9e-5	1.9e-5	0	0
52	PLATE2	PY	1.9e-5	1.9e-5	0	0
53	PLATE3	PY	1.9e-5	1.9e-5	0	0
54	PLATE4	PY	1.9e-5	1.9e-5	0	0
55	PLATE5	PY	1.9e-5	1.9e-5	0	0
56	PLATE6	PY	1.9e-5	1.9e-5	0	0
57	MP ALPHA1	PY	.000247	.000247	0	0
58	MP ALPHA2	PY	.000247	.000247	0	0
59	MP ALPHA3	PY	.000247	.000247	0	0
60	MP ALPHA4	PY	.000247	.000247	0	0
61	MP BETA1	PY	.000247	.000247	0	0
62	MP BETA2	PY	.000247	.000247	0	0
63	MP BETA3	PY	.000247	.000247	0	0
64	MP BETA4	PY	.000247	.000247	0	0
65	MP GAMMA1	PY	.000247	.000247	0	0
66	MP GAMMA2	PY	.000247	.000247	0	0
67	MP GAMMA3	PY	.000247	.000247	0	0
68	MP GAMMA4	PY	.000247	.000247	0	0
69	FACE4	PX	-.00045	-.00045	0	0
70	FACE3	PX	-.00045	-.00045	0	0
71	FACE2	PX	-.001	-.001	0	0
72	FACE1	PX	-.001	-.001	0	0
73	FACE5	PX	-.001	-.001	0	0
74	FACE6	PX	-.001	-.001	0	0
75	MID FACE2	PX	-.00045	-.00045	0	0
76	MID FACE1	PX	-.001	-.001	0	0
77	MID FACE3	PX	-.001	-.001	0	0
78	RAIL2	PX	-.00027	-.00027	0	0
79	RAIL1	PX	-.000804	-.000804	0	0
80	RAIL3	PX	-.000804	-.000804	0	0
81	FACE VERT5	PX	-.000157	-.000157	0	0
82	FACE VERT6	PX	-.000157	-.000157	0	0
83	FACE VERT7	PX	-.000157	-.000157	0	0
84	FACE VERT8	PX	-.000157	-.000157	0	0
85	FACE VERT1	PX	-.000469	-.000469	0	0
86	FACE VERT2	PX	-.000469	-.000469	0	0
87	FACE VERT3	PX	-.000469	-.000469	0	0
88	FACE VERT4	PX	-.000469	-.000469	0	0

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location [ft,%]	End Location[ft,%]
89 FACE VERT9	PX	-0.00469	-0.00469	0	0
90 FACE VERT10	PX	-0.00469	-0.00469	0	0
91 FACE VERT11	PX	-0.00469	-0.00469	0	0
92 FACE VERT12	PX	-0.00469	-0.00469	0	0
93 HORIZONTAL2	PX	-0.00157	-0.00157	0	0
94 HORIZONTAL1	PX	-0.00469	-0.00469	0	0
95 HORIZONTAL3	PX	-0.00469	-0.00469	0	0
96 DIAGONAL4	PX	-0.00157	-0.00157	0	0
97 DIAGONAL3	PX	-0.00157	-0.00157	0	0
98 DIAGONAL2	PX	-0.00469	-0.00469	0	0
99 DIAGONAL1	PX	-0.00469	-0.00469	0	0
100 DIAGONAL5	PX	-0.00469	-0.00469	0	0
101 DIAGONAL6	PX	-0.00469	-0.00469	0	0
102 SUPPORT1	PX	-0.0045	-0.0045	0	0
103 SUPPORT2	PX	-0.0045	-0.0045	0	0
104 SUPPORT3	PX	-0.0045	-0.0045	0	0
105 LADDER SUPPORT1	PX	-0.0045	-0.0045	0	0
106 LADDER SUPPORT2	PX	-0.0045	-0.0045	0	0
107 GRATING SUPPORT	PX	-0.0018	-0.0018	0	0
108 RUNNER1	PX	-0.00157	-0.00157	0	0
109 RUNNER2	PX	-0.00157	-0.00157	0	0
110 RUNG1	PX	-4.3e-5	-4.3e-5	0	0
111 RUNG2	PX	-4.3e-5	-4.3e-5	0	0
112 RUNG3	PX	-4.3e-5	-4.3e-5	0	0
113 RUNG4	PX	-4.3e-5	-4.3e-5	0	0
114 RUNG5	PX	-4.3e-5	-4.3e-5	0	0
115 RUNG6	PX	-4.3e-5	-4.3e-5	0	0
116 RUNG7	PX	-4.3e-5	-4.3e-5	0	0
117 RUNG8	PX	-4.3e-5	-4.3e-5	0	0
118 RUNG9	PX	-4.3e-5	-4.3e-5	0	0
119 PLATE1	PX	-3.4e-5	-3.4e-5	0	0
120 PLATE2	PX	-3.4e-5	-3.4e-5	0	0
121 PLATE3	PX	-3.4e-5	-3.4e-5	0	0
122 PLATE4	PX	-3.4e-5	-3.4e-5	0	0
123 PLATE5	PX	-3.4e-5	-3.4e-5	0	0
124 PLATE6	PX	-3.4e-5	-3.4e-5	0	0
125 MP ALPHA1	PX	-0.00427	-0.00427	0	0
126 MP ALPHA2	PX	-0.00427	-0.00427	0	0
127 MP ALPHA3	PX	-0.00427	-0.00427	0	0
128 MP ALPHA4	PX	-0.00427	-0.00427	0	0
129 MP BETA1	PX	-0.00427	-0.00427	0	0
130 MP BETA2	PX	-0.00427	-0.00427	0	0
131 MP BETA3	PX	-0.00427	-0.00427	0	0
132 MP BETA4	PX	-0.00427	-0.00427	0	0
133 MP GAMMA1	PX	-0.00427	-0.00427	0	0
134 MP GAMMA2	PX	-0.00427	-0.00427	0	0
135 MP GAMMA3	PX	-0.00427	-0.00427	0	0
136 MP GAMMA4	PX	-0.00427	-0.00427	0	0

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location [ft,%]	End Location[ft,%]
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Member Distributed Loads (BLC 20 : Maintenance (150)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE4	PY	.00045	.00045	0	0
2	FACE3	PY	.00045	.00045	0	0
3	FACE2	PY	.001	.001	0	0
4	FACE1	PY	.001	.001	0	0
5	FACE5	PY	.001	.001	0	0
6	FACE6	PY	.001	.001	0	0
7	MID FACE2	PY	.00045	.00045	0	0
8	MID FACE1	PY	.001	.001	0	0
9	MID FACE3	PY	.001	.001	0	0
10	RAIL2	PY	.00027	.00027	0	0
11	RAIL1	PY	.000804	.000804	0	0
12	RAIL3	PY	.000804	.000804	0	0
13	FACE VERT5	PY	.000157	.000157	0	0
14	FACE VERT6	PY	.000157	.000157	0	0
15	FACE VERT7	PY	.000157	.000157	0	0
16	FACE VERT8	PY	.000157	.000157	0	0
17	FACE VERT1	PY	.000469	.000469	0	0
18	FACE VERT2	PY	.000469	.000469	0	0
19	FACE VERT3	PY	.000469	.000469	0	0
20	FACE VERT4	PY	.000469	.000469	0	0
21	FACE VERT9	PY	.000469	.000469	0	0
22	FACE VERT10	PY	.000469	.000469	0	0
23	FACE VERT11	PY	.000469	.000469	0	0
24	FACE VERT12	PY	.000469	.000469	0	0
25	HORIZONTAL2	PY	.000157	.000157	0	0
26	HORIZONTAL1	PY	.000469	.000469	0	0
27	HORIZONTAL3	PY	.000469	.000469	0	0
28	DIAGONAL4	PY	.000157	.000157	0	0
29	DIAGONAL3	PY	.000157	.000157	0	0
30	DIAGONAL2	PY	.000469	.000469	0	0
31	DIAGONAL1	PY	.000469	.000469	0	0
32	DIAGONAL5	PY	.000469	.000469	0	0
33	DIAGONAL6	PY	.000469	.000469	0	0
34	SUPPORT1	PY	.00045	.00045	0	0
35	SUPPORT2	PY	.00045	.00045	0	0
36	SUPPORT3	PY	.00045	.00045	0	0
37	LADDER SUPPORT1	PY	.00045	.00045	0	0
38	LADDER SUPPORT2	PY	.00045	.00045	0	0
39	GRATING SUPPORT	PY	.00018	.00018	0	0
40	RUNNER1	PY	.000157	.000157	0	0
41	RUNNER2	PY	.000157	.000157	0	0
42	RUNG1	PY	4.3e-5	4.3e-5	0	0
43	RUNG2	PY	4.3e-5	4.3e-5	0	0
44	RUNG3	PY	4.3e-5	4.3e-5	0	0
45	RUNG4	PY	4.3e-5	4.3e-5	0	0
46	RUNG5	PY	4.3e-5	4.3e-5	0	0
47	RUNG6	PY	4.3e-5	4.3e-5	0	0
48	RUNG7	PY	4.3e-5	4.3e-5	0	0
49	RUNG8	PY	4.3e-5	4.3e-5	0	0
50	RUNG9	PY	4.3e-5	4.3e-5	0	0
51	PLATE1	PY	3.4e-5	3.4e-5	0	0
52	PLATE2	PY	3.4e-5	3.4e-5	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
53	PLATE3	PY	3.4e-5	3.4e-5	0	0
54	PLATE4	PY	3.4e-5	3.4e-5	0	0
55	PLATE5	PY	3.4e-5	3.4e-5	0	0
56	PLATE6	PY	3.4e-5	3.4e-5	0	0
57	MP ALPHA1	PY	.000427	.000427	0	0
58	MP ALPHA2	PY	.000427	.000427	0	0
59	MP ALPHA3	PY	.000427	.000427	0	0
60	MP ALPHA4	PY	.000427	.000427	0	0
61	MP BETA1	PY	.000427	.000427	0	0
62	MP BETA2	PY	.000427	.000427	0	0
63	MP BETA3	PY	.000427	.000427	0	0
64	MP BETA4	PY	.000427	.000427	0	0
65	MP GAMMA1	PY	.000427	.000427	0	0
66	MP GAMMA2	PY	.000427	.000427	0	0
67	MP GAMMA3	PY	.000427	.000427	0	0
68	MP GAMMA4	PY	.000427	.000427	0	0
69	FACE4	PX	-.00026	-.00026	0	0
70	FACE3	PX	-.00026	-.00026	0	0
71	FACE2	PX	-.000774	-.000774	0	0
72	FACE1	PX	-.000774	-.000774	0	0
73	FACE5	PX	-.000774	-.000774	0	0
74	FACE6	PX	-.000774	-.000774	0	0
75	MID FACE2	PX	-.00026	-.00026	0	0
76	MID FACE1	PX	-.000774	-.000774	0	0
77	MID FACE3	PX	-.000774	-.000774	0	0
78	RAIL2	PX	-.000156	-.000156	0	0
79	RAIL1	PX	-.000464	-.000464	0	0
80	RAIL3	PX	-.000464	-.000464	0	0
81	FACE VERT5	PX	-9.1e-5	-9.1e-5	0	0
82	FACE VERT6	PX	-9.1e-5	-9.1e-5	0	0
83	FACE VERT7	PX	-9.1e-5	-9.1e-5	0	0
84	FACE VERT8	PX	-9.1e-5	-9.1e-5	0	0
85	FACE VERT1	PX	-.000271	-.000271	0	0
86	FACE VERT2	PX	-.000271	-.000271	0	0
87	FACE VERT3	PX	-.000271	-.000271	0	0
88	FACE VERT4	PX	-.000271	-.000271	0	0
89	FACE VERT9	PX	-.000271	-.000271	0	0
90	FACE VERT10	PX	-.000271	-.000271	0	0
91	FACE VERT11	PX	-.000271	-.000271	0	0
92	FACE VERT12	PX	-.000271	-.000271	0	0
93	HORIZONTAL2	PX	-9.1e-5	-9.1e-5	0	0
94	HORIZONTAL1	PX	-.000271	-.000271	0	0
95	HORIZONTAL3	PX	-.000271	-.000271	0	0
96	DIAGONAL4	PX	-9.1e-5	-9.1e-5	0	0
97	DIAGONAL3	PX	-9.1e-5	-9.1e-5	0	0
98	DIAGONAL2	PX	-.000271	-.000271	0	0
99	DIAGONAL1	PX	-.000271	-.000271	0	0
100	DIAGONAL5	PX	-.000271	-.000271	0	0
101	DIAGONAL6	PX	-.000271	-.000271	0	0
102	SUPPORT1	PX	-.00026	-.00026	0	0
103	SUPPORT2	PX	-.00026	-.00026	0	0
104	SUPPORT3	PX	-.00026	-.00026	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location [ft, %]	End Location[ft, %]
105	LADDER SUPPORT1	PX	-0.0026	-0.0026	0	0
106	LADDER SUPPORT2	PX	-0.0026	-0.0026	0	0
107	GRATING SUPPORT	PX	-0.00104	-0.00104	0	0
108	RUNNER1	PX	-9.1e-5	-9.1e-5	0	0
109	RUNNER2	PX	-9.1e-5	-9.1e-5	0	0
110	RUNG1	PX	-2.5e-5	-2.5e-5	0	0
111	RUNG2	PX	-2.5e-5	-2.5e-5	0	0
112	RUNG3	PX	-2.5e-5	-2.5e-5	0	0
113	RUNG4	PX	-2.5e-5	-2.5e-5	0	0
114	RUNG5	PX	-2.5e-5	-2.5e-5	0	0
115	RUNG6	PX	-2.5e-5	-2.5e-5	0	0
116	RUNG7	PX	-2.5e-5	-2.5e-5	0	0
117	RUNG8	PX	-2.5e-5	-2.5e-5	0	0
118	RUNG9	PX	-2.5e-5	-2.5e-5	0	0
119	PLATE1	PX	-1.9e-5	-1.9e-5	0	0
120	PLATE2	PX	-1.9e-5	-1.9e-5	0	0
121	PLATE3	PX	-1.9e-5	-1.9e-5	0	0
122	PLATE4	PX	-1.9e-5	-1.9e-5	0	0
123	PLATE5	PX	-1.9e-5	-1.9e-5	0	0
124	PLATE6	PX	-1.9e-5	-1.9e-5	0	0
125	MP ALPHA1	PX	-0.00247	-0.00247	0	0
126	MP ALPHA2	PX	-0.00247	-0.00247	0	0
127	MP ALPHA3	PX	-0.00247	-0.00247	0	0
128	MP ALPHA4	PX	-0.00247	-0.00247	0	0
129	MP BETA1	PX	-0.00247	-0.00247	0	0
130	MP BETA2	PX	-0.00247	-0.00247	0	0
131	MP BETA3	PX	-0.00247	-0.00247	0	0
132	MP BETA4	PX	-0.00247	-0.00247	0	0
133	MP GAMMA1	PX	-0.00247	-0.00247	0	0
134	MP GAMMA2	PX	-0.00247	-0.00247	0	0
135	MP GAMMA3	PX	-0.00247	-0.00247	0	0
136	MP GAMMA4	PX	-0.00247	-0.00247	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location [ft, %]	End Location[ft, %]
1	FACE4	PY	.00052	.00052	0	0
2	FACE3	PY	.00052	.00052	0	0
3	FACE2	PY	.002	.002	0	0
4	FACE1	PY	.002	.002	0	0
5	FACE5	PY	.002	.002	0	0
6	FACE6	PY	.002	.002	0	0
7	MID FACE2	PY	.00052	.00052	0	0
8	MID FACE1	PY	.002	.002	0	0
9	MID FACE3	PY	.002	.002	0	0
10	RAIL2	PY	.000312	.000312	0	0
11	RAIL1	PY	.000929	.000929	0	0
12	RAIL3	PY	.000929	.000929	0	0
13	FACE VERT5	PY	.000182	.000182	0	0
14	FACE VERT6	PY	.000182	.000182	0	0
15	FACE VERT7	PY	.000182	.000182	0	0
16	FACE VERT8	PY	.000182	.000182	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
17	FACE VERT1	PY	.000542	.000542	0	0
18	FACE VERT2	PY	.000542	.000542	0	0
19	FACE VERT3	PY	.000542	.000542	0	0
20	FACE VERT4	PY	.000542	.000542	0	0
21	FACE VERT9	PY	.000542	.000542	0	0
22	FACE VERT10	PY	.000542	.000542	0	0
23	FACE VERT11	PY	.000542	.000542	0	0
24	FACE VERT12	PY	.000542	.000542	0	0
25	HORIZONTAL2	PY	.000182	.000182	0	0
26	HORIZONTAL1	PY	.000542	.000542	0	0
27	HORIZONTAL3	PY	.000542	.000542	0	0
28	DIAGONAL4	PY	.000182	.000182	0	0
29	DIAGONAL3	PY	.000182	.000182	0	0
30	DIAGONAL2	PY	.000542	.000542	0	0
31	DIAGONAL1	PY	.000542	.000542	0	0
32	DIAGONAL5	PY	.000542	.000542	0	0
33	DIAGONAL6	PY	.000542	.000542	0	0
34	SUPPORT1	PY	.00052	.00052	0	0
35	SUPPORT2	PY	.00052	.00052	0	0
36	SUPPORT3	PY	.00052	.00052	0	0
37	LADDER SUPPORT1	PY	.00052	.00052	0	0
38	LADDER SUPPORT2	PY	.00052	.00052	0	0
39	GRATING SUPPORT	PY	.000208	.000208	0	0
40	RUNNER1	PY	.000182	.000182	0	0
41	RUNNER2	PY	.000182	.000182	0	0
42	RUNG1	PY	5e-5	5e-5	0	0
43	RUNG2	PY	5e-5	5e-5	0	0
44	RUNG3	PY	5e-5	5e-5	0	0
45	RUNG4	PY	5e-5	5e-5	0	0
46	RUNG5	PY	5e-5	5e-5	0	0
47	RUNG6	PY	5e-5	5e-5	0	0
48	RUNG7	PY	5e-5	5e-5	0	0
49	RUNG8	PY	5e-5	5e-5	0	0
50	RUNG9	PY	5e-5	5e-5	0	0
51	PLATE1	PY	3.9e-5	3.9e-5	0	0
52	PLATE2	PY	3.9e-5	3.9e-5	0	0
53	PLATE3	PY	3.9e-5	3.9e-5	0	0
54	PLATE4	PY	3.9e-5	3.9e-5	0	0
55	PLATE5	PY	3.9e-5	3.9e-5	0	0
56	PLATE6	PY	3.9e-5	3.9e-5	0	0
57	MP ALPHA1	PY	.000494	.000494	0	0
58	MP ALPHA2	PY	.000494	.000494	0	0
59	MP ALPHA3	PY	.000494	.000494	0	0
60	MP ALPHA4	PY	.000494	.000494	0	0
61	MP BETA1	PY	.000494	.000494	0	0
62	MP BETA2	PY	.000494	.000494	0	0
63	MP BETA3	PY	.000494	.000494	0	0
64	MP BETA4	PY	.000494	.000494	0	0
65	MP GAMMA1	PY	.000494	.000494	0	0
66	MP GAMMA2	PY	.000494	.000494	0	0
67	MP GAMMA3	PY	.000494	.000494	0	0
68	MP GAMMA4	PY	.000494	.000494	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE6	PY	.00045	.00045	0	0
2	FACE5	PY	.00045	.00045	0	0
3	FACE4	PY	.001	.001	0	0
4	FACE3	PY	.001	.001	0	0
5	FACE2	PY	.001	.001	0	0
6	FACE1	PY	.001	.001	0	0
7	MID FACE3	PY	.00045	.00045	0	0
8	MID FACE2	PY	.001	.001	0	0
9	MID FACE1	PY	.001	.001	0	0
10	RAIL3	PY	.00027	.00027	0	0
11	RAIL2	PY	.000804	.000804	0	0
12	RAIL1	PY	.000804	.000804	0	0
13	FACE VERT9	PY	.000157	.000157	0	0
14	FACE VERT10	PY	.000157	.000157	0	0
15	FACE VERT11	PY	.000157	.000157	0	0
16	FACE VERT12	PY	.000157	.000157	0	0
17	FACE VERT5	PY	.000469	.000469	0	0
18	FACE VERT6	PY	.000469	.000469	0	0
19	FACE VERT7	PY	.000469	.000469	0	0
20	FACE VERT8	PY	.000469	.000469	0	0
21	FACE VERT1	PY	.000469	.000469	0	0
22	FACE VERT2	PY	.000469	.000469	0	0
23	FACE VERT3	PY	.000469	.000469	0	0
24	FACE VERT4	PY	.000469	.000469	0	0
25	HORIZONTAL3	PY	.000157	.000157	0	0
26	HORIZONTAL2	PY	.000469	.000469	0	0
27	HORIZONTAL1	PY	.000469	.000469	0	0
28	DIAGONAL6	PY	.000157	.000157	0	0
29	DIAGONAL5	PY	.000157	.000157	0	0
30	DIAGONAL4	PY	.000469	.000469	0	0
31	DIAGONAL3	PY	.000469	.000469	0	0
32	DIAGONAL2	PY	.000469	.000469	0	0
33	DIAGONAL1	PY	.000469	.000469	0	0
34	SUPPORT1	PY	.00045	.00045	0	0
35	SUPPORT2	PY	.00045	.00045	0	0
36	SUPPORT3	PY	.00045	.00045	0	0
37	LADDER SUPPORT1	PY	.00045	.00045	0	0
38	LADDER SUPPORT2	PY	.00045	.00045	0	0
39	GRATING SUPPORT	PY	.00018	.00018	0	0
40	RUNNER1	PY	.000157	.000157	0	0
41	RUNNER2	PY	.000157	.000157	0	0
42	RUNG1	PY	4.3e-5	4.3e-5	0	0
43	RUNG2	PY	4.3e-5	4.3e-5	0	0
44	RUNG3	PY	4.3e-5	4.3e-5	0	0
45	RUNG4	PY	4.3e-5	4.3e-5	0	0
46	RUNG5	PY	4.3e-5	4.3e-5	0	0
47	RUNG6	PY	4.3e-5	4.3e-5	0	0
48	RUNG7	PY	4.3e-5	4.3e-5	0	0
49	RUNG8	PY	4.3e-5	4.3e-5	0	0
50	RUNG9	PY	4.3e-5	4.3e-5	0	0
51	PLATE1	PY	3.4e-5	3.4e-5	0	0
52	PLATE2	PY	3.4e-5	3.4e-5	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
53	PLATE3	PY	3.4e-5	3.4e-5	0	0
54	PLATE4	PY	3.4e-5	3.4e-5	0	0
55	PLATE5	PY	3.4e-5	3.4e-5	0	0
56	PLATE6	PY	3.4e-5	3.4e-5	0	0
57	MP ALPHA1	PY	.000427	.000427	0	0
58	MP ALPHA2	PY	.000427	.000427	0	0
59	MP ALPHA3	PY	.000427	.000427	0	0
60	MP ALPHA4	PY	.000427	.000427	0	0
61	MP BETA1	PY	.000427	.000427	0	0
62	MP BETA2	PY	.000427	.000427	0	0
63	MP BETA3	PY	.000427	.000427	0	0
64	MP BETA4	PY	.000427	.000427	0	0
65	MP GAMMA1	PY	.000427	.000427	0	0
66	MP GAMMA2	PY	.000427	.000427	0	0
67	MP GAMMA3	PY	.000427	.000427	0	0
68	MP GAMMA4	PY	.000427	.000427	0	0
69	FACE6	PX	.00026	.00026	0	0
70	FACE5	PX	.00026	.00026	0	0
71	FACE4	PX	.000774	.000774	0	0
72	FACE3	PX	.000774	.000774	0	0
73	FACE2	PX	.000774	.000774	0	0
74	FACE1	PX	.000774	.000774	0	0
75	MID FACE3	PX	.00026	.00026	0	0
76	MID FACE2	PX	.000774	.000774	0	0
77	MID FACE1	PX	.000774	.000774	0	0
78	RAIL3	PX	.000156	.000156	0	0
79	RAIL2	PX	.000464	.000464	0	0
80	RAIL1	PX	.000464	.000464	0	0
81	FACE VERT9	PX	9.1e-5	9.1e-5	0	0
82	FACE VERT10	PX	9.1e-5	9.1e-5	0	0
83	FACE VERT11	PX	9.1e-5	9.1e-5	0	0
84	FACE VERT12	PX	9.1e-5	9.1e-5	0	0
85	FACE VERT5	PX	.000271	.000271	0	0
86	FACE VERT6	PX	.000271	.000271	0	0
87	FACE VERT7	PX	.000271	.000271	0	0
88	FACE VERT8	PX	.000271	.000271	0	0
89	FACE VERT1	PX	.000271	.000271	0	0
90	FACE VERT2	PX	.000271	.000271	0	0
91	FACE VERT3	PX	.000271	.000271	0	0
92	FACE VERT4	PX	.000271	.000271	0	0
93	HORIZONTAL3	PX	9.1e-5	9.1e-5	0	0
94	HORIZONTAL2	PX	.000271	.000271	0	0
95	HORIZONTAL1	PX	.000271	.000271	0	0
96	DIAGONAL6	PX	9.1e-5	9.1e-5	0	0
97	DIAGONAL5	PX	9.1e-5	9.1e-5	0	0
98	DIAGONAL4	PX	.000271	.000271	0	0
99	DIAGONAL3	PX	.000271	.000271	0	0
100	DIAGONAL2	PX	.000271	.000271	0	0
101	DIAGONAL1	PX	.000271	.000271	0	0
102	SUPPORT1	PX	.00026	.00026	0	0
103	SUPPORT2	PX	.00026	.00026	0	0
104	SUPPORT3	PX	.00026	.00026	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
105	LADDER SUPPORT1	PX	.00026	.00026	0	0
106	LADDER SUPPORT2	PX	.00026	.00026	0	0
107	GRATING SUPPORT	PX	.000104	.000104	0	0
108	RUNNER1	PX	9.1e-5	9.1e-5	0	0
109	RUNNER2	PX	9.1e-5	9.1e-5	0	0
110	RUNG1	PX	2.5e-5	2.5e-5	0	0
111	RUNG2	PX	2.5e-5	2.5e-5	0	0
112	RUNG3	PX	2.5e-5	2.5e-5	0	0
113	RUNG4	PX	2.5e-5	2.5e-5	0	0
114	RUNG5	PX	2.5e-5	2.5e-5	0	0
115	RUNG6	PX	2.5e-5	2.5e-5	0	0
116	RUNG7	PX	2.5e-5	2.5e-5	0	0
117	RUNG8	PX	2.5e-5	2.5e-5	0	0
118	RUNG9	PX	2.5e-5	2.5e-5	0	0
119	PLATE1	PX	1.9e-5	1.9e-5	0	0
120	PLATE2	PX	1.9e-5	1.9e-5	0	0
121	PLATE3	PX	1.9e-5	1.9e-5	0	0
122	PLATE4	PX	1.9e-5	1.9e-5	0	0
123	PLATE5	PX	1.9e-5	1.9e-5	0	0
124	PLATE6	PX	1.9e-5	1.9e-5	0	0
125	MP ALPHA1	PX	.000247	.000247	0	0
126	MP ALPHA2	PX	.000247	.000247	0	0
127	MP ALPHA3	PX	.000247	.000247	0	0
128	MP ALPHA4	PX	.000247	.000247	0	0
129	MP BETA1	PX	.000247	.000247	0	0
130	MP BETA2	PX	.000247	.000247	0	0
131	MP BETA3	PX	.000247	.000247	0	0
132	MP BETA4	PX	.000247	.000247	0	0
133	MP GAMMA1	PX	.000247	.000247	0	0
134	MP GAMMA2	PX	.000247	.000247	0	0
135	MP GAMMA3	PX	.000247	.000247	0	0
136	MP GAMMA4	PX	.000247	.000247	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE6	PY	.00026	.00026	0	0
2	FACE5	PY	.00026	.00026	0	0
3	FACE4	PY	.000774	.000774	0	0
4	FACE3	PY	.000774	.000774	0	0
5	FACE2	PY	.000774	.000774	0	0
6	FACE1	PY	.000774	.000774	0	0
7	MID FACE3	PY	.00026	.00026	0	0
8	MID FACE2	PY	.000774	.000774	0	0
9	MID FACE1	PY	.000774	.000774	0	0
10	RAIL3	PY	.000156	.000156	0	0
11	RAIL2	PY	.000464	.000464	0	0
12	RAIL1	PY	.000464	.000464	0	0
13	FACE VERT9	PY	9.1e-5	9.1e-5	0	0
14	FACE VERT10	PY	9.1e-5	9.1e-5	0	0
15	FACE VERT11	PY	9.1e-5	9.1e-5	0	0
16	FACE VERT12	PY	9.1e-5	9.1e-5	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
17	FACE VERT5	PY	.000271	.000271	0	0
18	FACE VERT6	PY	.000271	.000271	0	0
19	FACE VERT7	PY	.000271	.000271	0	0
20	FACE VERT8	PY	.000271	.000271	0	0
21	FACE VERT1	PY	.000271	.000271	0	0
22	FACE VERT2	PY	.000271	.000271	0	0
23	FACE VERT3	PY	.000271	.000271	0	0
24	FACE VERT4	PY	.000271	.000271	0	0
25	HORIZONTAL3	PY	9.1e-5	9.1e-5	0	0
26	HORIZONTAL2	PY	.000271	.000271	0	0
27	HORIZONTAL1	PY	.000271	.000271	0	0
28	DIAGONAL6	PY	9.1e-5	9.1e-5	0	0
29	DIAGONAL5	PY	9.1e-5	9.1e-5	0	0
30	DIAGONAL4	PY	.000271	.000271	0	0
31	DIAGONAL3	PY	.000271	.000271	0	0
32	DIAGONAL2	PY	.000271	.000271	0	0
33	DIAGONAL1	PY	.000271	.000271	0	0
34	SUPPORT1	PY	.00026	.00026	0	0
35	SUPPORT2	PY	.00026	.00026	0	0
36	SUPPORT3	PY	.00026	.00026	0	0
37	LADDER SUPPORT1	PY	.00026	.00026	0	0
38	LADDER SUPPORT2	PY	.00026	.00026	0	0
39	GRATING SUPPORT	PY	.000104	.000104	0	0
40	RUNNER1	PY	9.1e-5	9.1e-5	0	0
41	RUNNER2	PY	9.1e-5	9.1e-5	0	0
42	RUNG1	PY	2.5e-5	2.5e-5	0	0
43	RUNG2	PY	2.5e-5	2.5e-5	0	0
44	RUNG3	PY	2.5e-5	2.5e-5	0	0
45	RUNG4	PY	2.5e-5	2.5e-5	0	0
46	RUNG5	PY	2.5e-5	2.5e-5	0	0
47	RUNG6	PY	2.5e-5	2.5e-5	0	0
48	RUNG7	PY	2.5e-5	2.5e-5	0	0
49	RUNG8	PY	2.5e-5	2.5e-5	0	0
50	RUNG9	PY	2.5e-5	2.5e-5	0	0
51	PLATE1	PY	1.9e-5	1.9e-5	0	0
52	PLATE2	PY	1.9e-5	1.9e-5	0	0
53	PLATE3	PY	1.9e-5	1.9e-5	0	0
54	PLATE4	PY	1.9e-5	1.9e-5	0	0
55	PLATE5	PY	1.9e-5	1.9e-5	0	0
56	PLATE6	PY	1.9e-5	1.9e-5	0	0
57	MP ALPHA1	PY	.000247	.000247	0	0
58	MP ALPHA2	PY	.000247	.000247	0	0
59	MP ALPHA3	PY	.000247	.000247	0	0
60	MP ALPHA4	PY	.000247	.000247	0	0
61	MP BETA1	PY	.000247	.000247	0	0
62	MP BETA2	PY	.000247	.000247	0	0
63	MP BETA3	PY	.000247	.000247	0	0
64	MP BETA4	PY	.000247	.000247	0	0
65	MP GAMMA1	PY	.000247	.000247	0	0
66	MP GAMMA2	PY	.000247	.000247	0	0
67	MP GAMMA3	PY	.000247	.000247	0	0
68	MP GAMMA4	PY	.000247	.000247	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
69	FACE6	PX	.00045	.00045	0	0
70	FACE5	PX	.00045	.00045	0	0
71	FACE4	PX	.001	.001	0	0
72	FACE3	PX	.001	.001	0	0
73	FACE2	PX	.001	.001	0	0
74	FACE1	PX	.001	.001	0	0
75	MID FACE3	PX	.00045	.00045	0	0
76	MID FACE2	PX	.001	.001	0	0
77	MID FACE1	PX	.001	.001	0	0
78	RAIL3	PX	.00027	.00027	0	0
79	RAIL2	PX	.000804	.000804	0	0
80	RAIL1	PX	.000804	.000804	0	0
81	FACE VERT9	PX	.000157	.000157	0	0
82	FACE VERT10	PX	.000157	.000157	0	0
83	FACE VERT11	PX	.000157	.000157	0	0
84	FACE VERT12	PX	.000157	.000157	0	0
85	FACE VERT5	PX	.000469	.000469	0	0
86	FACE VERT6	PX	.000469	.000469	0	0
87	FACE VERT7	PX	.000469	.000469	0	0
88	FACE VERT8	PX	.000469	.000469	0	0
89	FACE VERT1	PX	.000469	.000469	0	0
90	FACE VERT2	PX	.000469	.000469	0	0
91	FACE VERT3	PX	.000469	.000469	0	0
92	FACE VERT4	PX	.000469	.000469	0	0
93	HORIZONTAL3	PX	.000157	.000157	0	0
94	HORIZONTAL2	PX	.000469	.000469	0	0
95	HORIZONTAL1	PX	.000469	.000469	0	0
96	DIAGONAL6	PX	.000157	.000157	0	0
97	DIAGONAL5	PX	.000157	.000157	0	0
98	DIAGONAL4	PX	.000469	.000469	0	0
99	DIAGONAL3	PX	.000469	.000469	0	0
100	DIAGONAL2	PX	.000469	.000469	0	0
101	DIAGONAL1	PX	.000469	.000469	0	0
102	SUPPORT1	PX	.00045	.00045	0	0
103	SUPPORT2	PX	.00045	.00045	0	0
104	SUPPORT3	PX	.00045	.00045	0	0
105	LADDER SUPPORT1	PX	.00045	.00045	0	0
106	LADDER SUPPORT2	PX	.00045	.00045	0	0
107	GRATING SUPPORT	PX	.00018	.00018	0	0
108	RUNNER1	PX	.000157	.000157	0	0
109	RUNNER2	PX	.000157	.000157	0	0
110	RUNG1	PX	4.3e-5	4.3e-5	0	0
111	RUNG2	PX	4.3e-5	4.3e-5	0	0
112	RUNG3	PX	4.3e-5	4.3e-5	0	0
113	RUNG4	PX	4.3e-5	4.3e-5	0	0
114	RUNG5	PX	4.3e-5	4.3e-5	0	0
115	RUNG6	PX	4.3e-5	4.3e-5	0	0
116	RUNG7	PX	4.3e-5	4.3e-5	0	0
117	RUNG8	PX	4.3e-5	4.3e-5	0	0
118	RUNG9	PX	4.3e-5	4.3e-5	0	0
119	PLATE1	PX	3.4e-5	3.4e-5	0	0
120	PLATE2	PX	3.4e-5	3.4e-5	0	0

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

	Member Label	Direction	Start Magnitude [k/ft, ...]	End Magnitude [k/ft, F, ...]	Start Location [ft, %]	End Location [ft, %]
121	PLATE3	PX	3.4e-5	3.4e-5	0	0
122	PLATE4	PX	3.4e-5	3.4e-5	0	0
123	PLATE5	PX	3.4e-5	3.4e-5	0	0
124	PLATE6	PX	3.4e-5	3.4e-5	0	0
125	MP ALPHA1	PX	.000427	.000427	0	0
126	MP ALPHA2	PX	.000427	.000427	0	0
127	MP ALPHA3	PX	.000427	.000427	0	0
128	MP ALPHA4	PX	.000427	.000427	0	0
129	MP BETA1	PX	.000427	.000427	0	0
130	MP BETA2	PX	.000427	.000427	0	0
131	MP BETA3	PX	.000427	.000427	0	0
132	MP BETA4	PX	.000427	.000427	0	0
133	MP GAMMA1	PX	.000427	.000427	0	0
134	MP GAMMA2	PX	.000427	.000427	0	0
135	MP GAMMA3	PX	.000427	.000427	0	0
136	MP GAMMA4	PX	.000427	.000427	0	0

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

	Member Label	Direction	Start Magnitude [k/ft, ...]	End Magnitude [k/ft, F, ...]	Start Location [ft, %]	End Location [ft, %]
1	FACE6	PX	.00052	.00052	0	0
2	FACE5	PX	.00052	.00052	0	0
3	FACE4	PX	.002	.002	0	0
4	FACE3	PX	.002	.002	0	0
5	FACE2	PX	.002	.002	0	0
6	FACE1	PX	.002	.002	0	0
7	MID FACE3	PX	.00052	.00052	0	0
8	MID FACE2	PX	.002	.002	0	0
9	MID FACE1	PX	.002	.002	0	0
10	RAIL3	PX	.000312	.000312	0	0
11	RAIL2	PX	.000929	.000929	0	0
12	RAIL1	PX	.000929	.000929	0	0
13	FACE VERT9	PX	.000182	.000182	0	0
14	FACE VERT10	PX	.000182	.000182	0	0
15	FACE VERT11	PX	.000182	.000182	0	0
16	FACE VERT12	PX	.000182	.000182	0	0
17	FACE VERT5	PX	.000542	.000542	0	0
18	FACE VERT6	PX	.000542	.000542	0	0
19	FACE VERT7	PX	.000542	.000542	0	0
20	FACE VERT8	PX	.000542	.000542	0	0
21	FACE VERT1	PX	.000542	.000542	0	0
22	FACE VERT2	PX	.000542	.000542	0	0
23	FACE VERT3	PX	.000542	.000542	0	0
24	FACE VERT4	PX	.000542	.000542	0	0
25	HORIZONTAL3	PX	.000182	.000182	0	0
26	HORIZONTAL2	PX	.000542	.000542	0	0
27	HORIZONTAL1	PX	.000542	.000542	0	0
28	DIAGONAL6	PX	.000182	.000182	0	0
29	DIAGONAL5	PX	.000182	.000182	0	0
30	DIAGONAL4	PX	.000542	.000542	0	0
31	DIAGONAL3	PX	.000542	.000542	0	0
32	DIAGONAL2	PX	.000542	.000542	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
33	DIAGONAL1	PX	.000542	.000542	0	0
34	SUPPORT1	PX	.00052	.00052	0	0
35	SUPPORT2	PX	.00052	.00052	0	0
36	SUPPORT3	PX	.00052	.00052	0	0
37	LADDER SUPPORT1	PX	.00052	.00052	0	0
38	LADDER SUPPORT2	PX	.00052	.00052	0	0
39	GRATING SUPPORT	PX	.000208	.000208	0	0
40	RUNNER1	PX	.000182	.000182	0	0
41	RUNNER2	PX	.000182	.000182	0	0
42	RUNG1	PX	5e-5	5e-5	0	0
43	RUNG2	PX	5e-5	5e-5	0	0
44	RUNG3	PX	5e-5	5e-5	0	0
45	RUNG4	PX	5e-5	5e-5	0	0
46	RUNG5	PX	5e-5	5e-5	0	0
47	RUNG6	PX	5e-5	5e-5	0	0
48	RUNG7	PX	5e-5	5e-5	0	0
49	RUNG8	PX	5e-5	5e-5	0	0
50	RUNG9	PX	5e-5	5e-5	0	0
51	PLATE1	PX	3.9e-5	3.9e-5	0	0
52	PLATE2	PX	3.9e-5	3.9e-5	0	0
53	PLATE3	PX	3.9e-5	3.9e-5	0	0
54	PLATE4	PX	3.9e-5	3.9e-5	0	0
55	PLATE5	PX	3.9e-5	3.9e-5	0	0
56	PLATE6	PX	3.9e-5	3.9e-5	0	0
57	MP ALPHA1	PX	.000494	.000494	0	0
58	MP ALPHA2	PX	.000494	.000494	0	0
59	MP ALPHA3	PX	.000494	.000494	0	0
60	MP ALPHA4	PX	.000494	.000494	0	0
61	MP BETA1	PX	.000494	.000494	0	0
62	MP BETA2	PX	.000494	.000494	0	0
63	MP BETA3	PX	.000494	.000494	0	0
64	MP BETA4	PX	.000494	.000494	0	0
65	MP GAMMA1	PX	.000494	.000494	0	0
66	MP GAMMA2	PX	.000494	.000494	0	0
67	MP GAMMA3	PX	.000494	.000494	0	0
68	MP GAMMA4	PX	.000494	.000494	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE6	PY	-.00026	-.00026	0	0
2	FACE5	PY	-.00026	-.00026	0	0
3	FACE4	PY	-.000774	-.000774	0	0
4	FACE3	PY	-.000774	-.000774	0	0
5	FACE2	PY	-.000774	-.000774	0	0
6	FACE1	PY	-.000774	-.000774	0	0
7	MID FACE3	PY	-.00026	-.00026	0	0
8	MID FACE2	PY	-.000774	-.000774	0	0
9	MID FACE1	PY	-.000774	-.000774	0	0
10	RAIL3	PY	-.000156	-.000156	0	0
11	RAIL2	PY	-.000464	-.000464	0	0
12	RAIL1	PY	-.000464	-.000464	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
13	FACE VERT9	PY	-9.1e-5	-9.1e-5	0	0
14	FACE VERT10	PY	-9.1e-5	-9.1e-5	0	0
15	FACE VERT11	PY	-9.1e-5	-9.1e-5	0	0
16	FACE VERT12	PY	-9.1e-5	-9.1e-5	0	0
17	FACE VERT5	PY	-0.00271	-0.00271	0	0
18	FACE VERT6	PY	-0.00271	-0.00271	0	0
19	FACE VERT7	PY	-0.00271	-0.00271	0	0
20	FACE VERT8	PY	-0.00271	-0.00271	0	0
21	FACE VERT1	PY	-0.00271	-0.00271	0	0
22	FACE VERT2	PY	-0.00271	-0.00271	0	0
23	FACE VERT3	PY	-0.00271	-0.00271	0	0
24	FACE VERT4	PY	-0.00271	-0.00271	0	0
25	HORIZONTAL3	PY	-9.1e-5	-9.1e-5	0	0
26	HORIZONTAL2	PY	-0.00271	-0.00271	0	0
27	HORIZONTAL1	PY	-0.00271	-0.00271	0	0
28	DIAGONAL6	PY	-9.1e-5	-9.1e-5	0	0
29	DIAGONAL5	PY	-9.1e-5	-9.1e-5	0	0
30	DIAGONAL4	PY	-0.00271	-0.00271	0	0
31	DIAGONAL3	PY	-0.00271	-0.00271	0	0
32	DIAGONAL2	PY	-0.00271	-0.00271	0	0
33	DIAGONAL1	PY	-0.00271	-0.00271	0	0
34	SUPPORT1	PY	-0.0026	-0.0026	0	0
35	SUPPORT2	PY	-0.0026	-0.0026	0	0
36	SUPPORT3	PY	-0.0026	-0.0026	0	0
37	LADDER SUPPORT1	PY	-0.0026	-0.0026	0	0
38	LADDER SUPPORT2	PY	-0.0026	-0.0026	0	0
39	GRATING SUPPORT	PY	-0.00104	-0.00104	0	0
40	RUNNER1	PY	-9.1e-5	-9.1e-5	0	0
41	RUNNER2	PY	-9.1e-5	-9.1e-5	0	0
42	RUNG1	PY	-2.5e-5	-2.5e-5	0	0
43	RUNG2	PY	-2.5e-5	-2.5e-5	0	0
44	RUNG3	PY	-2.5e-5	-2.5e-5	0	0
45	RUNG4	PY	-2.5e-5	-2.5e-5	0	0
46	RUNG5	PY	-2.5e-5	-2.5e-5	0	0
47	RUNG6	PY	-2.5e-5	-2.5e-5	0	0
48	RUNG7	PY	-2.5e-5	-2.5e-5	0	0
49	RUNG8	PY	-2.5e-5	-2.5e-5	0	0
50	RUNG9	PY	-2.5e-5	-2.5e-5	0	0
51	PLATE1	PY	-1.9e-5	-1.9e-5	0	0
52	PLATE2	PY	-1.9e-5	-1.9e-5	0	0
53	PLATE3	PY	-1.9e-5	-1.9e-5	0	0
54	PLATE4	PY	-1.9e-5	-1.9e-5	0	0
55	PLATE5	PY	-1.9e-5	-1.9e-5	0	0
56	PLATE6	PY	-1.9e-5	-1.9e-5	0	0
57	MP ALPHA1	PY	-0.00247	-0.00247	0	0
58	MP ALPHA2	PY	-0.00247	-0.00247	0	0
59	MP ALPHA3	PY	-0.00247	-0.00247	0	0
60	MP ALPHA4	PY	-0.00247	-0.00247	0	0
61	MP BETA1	PY	-0.00247	-0.00247	0	0
62	MP BETA2	PY	-0.00247	-0.00247	0	0
63	MP BETA3	PY	-0.00247	-0.00247	0	0
64	MP BETA4	PY	-0.00247	-0.00247	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
65	MP GAMMA1	PY	-.000247	-.000247	0	0
66	MP GAMMA2	PY	-.000247	-.000247	0	0
67	MP GAMMA3	PY	-.000247	-.000247	0	0
68	MP GAMMA4	PY	-.000247	-.000247	0	0
69	FACE6	PX	.00045	.00045	0	0
70	FACE5	PX	.00045	.00045	0	0
71	FACE4	PX	.001	.001	0	0
72	FACE3	PX	.001	.001	0	0
73	FACE2	PX	.001	.001	0	0
74	FACE1	PX	.001	.001	0	0
75	MID FACE3	PX	.00045	.00045	0	0
76	MID FACE2	PX	.001	.001	0	0
77	MID FACE1	PX	.001	.001	0	0
78	RAIL3	PX	.00027	.00027	0	0
79	RAIL2	PX	.000804	.000804	0	0
80	RAIL1	PX	.000804	.000804	0	0
81	FACE VERT9	PX	.000157	.000157	0	0
82	FACE VERT10	PX	.000157	.000157	0	0
83	FACE VERT11	PX	.000157	.000157	0	0
84	FACE VERT12	PX	.000157	.000157	0	0
85	FACE VERT5	PX	.000469	.000469	0	0
86	FACE VERT6	PX	.000469	.000469	0	0
87	FACE VERT7	PX	.000469	.000469	0	0
88	FACE VERT8	PX	.000469	.000469	0	0
89	FACE VERT1	PX	.000469	.000469	0	0
90	FACE VERT2	PX	.000469	.000469	0	0
91	FACE VERT3	PX	.000469	.000469	0	0
92	FACE VERT4	PX	.000469	.000469	0	0
93	HORIZONTAL3	PX	.000157	.000157	0	0
94	HORIZONTAL2	PX	.000469	.000469	0	0
95	HORIZONTAL1	PX	.000469	.000469	0	0
96	DIAGONAL6	PX	.000157	.000157	0	0
97	DIAGONAL5	PX	.000157	.000157	0	0
98	DIAGONAL4	PX	.000469	.000469	0	0
99	DIAGONAL3	PX	.000469	.000469	0	0
100	DIAGONAL2	PX	.000469	.000469	0	0
101	DIAGONAL1	PX	.000469	.000469	0	0
102	SUPPORT1	PX	.00045	.00045	0	0
103	SUPPORT2	PX	.00045	.00045	0	0
104	SUPPORT3	PX	.00045	.00045	0	0
105	LADDER SUPPORT1	PX	.00045	.00045	0	0
106	LADDER SUPPORT2	PX	.00045	.00045	0	0
107	GRATING SUPPORT	PX	.00018	.00018	0	0
108	RUNNER1	PX	.000157	.000157	0	0
109	RUNNER2	PX	.000157	.000157	0	0
110	RUNG1	PX	4.3e-5	4.3e-5	0	0
111	RUNG2	PX	4.3e-5	4.3e-5	0	0
112	RUNG3	PX	4.3e-5	4.3e-5	0	0
113	RUNG4	PX	4.3e-5	4.3e-5	0	0
114	RUNG5	PX	4.3e-5	4.3e-5	0	0
115	RUNG6	PX	4.3e-5	4.3e-5	0	0
116	RUNG7	PX	4.3e-5	4.3e-5	0	0

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

Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
117	RUNG8	PX	4.3e-5	4.3e-5	0
118	RUNG9	PX	4.3e-5	4.3e-5	0
119	PLATE1	PX	3.4e-5	3.4e-5	0
120	PLATE2	PX	3.4e-5	3.4e-5	0
121	PLATE3	PX	3.4e-5	3.4e-5	0
122	PLATE4	PX	3.4e-5	3.4e-5	0
123	PLATE5	PX	3.4e-5	3.4e-5	0
124	PLATE6	PX	3.4e-5	3.4e-5	0
125	MP ALPHA1	PX	.000427	.000427	0
126	MP ALPHA2	PX	.000427	.000427	0
127	MP ALPHA3	PX	.000427	.000427	0
128	MP ALPHA4	PX	.000427	.000427	0
129	MP BETA1	PX	.000427	.000427	0
130	MP BETA2	PX	.000427	.000427	0
131	MP BETA3	PX	.000427	.000427	0
132	MP BETA4	PX	.000427	.000427	0
133	MP GAMMA1	PX	.000427	.000427	0
134	MP GAMMA2	PX	.000427	.000427	0
135	MP GAMMA3	PX	.000427	.000427	0
136	MP GAMMA4	PX	.000427	.000427	0

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

Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE1	PY	-.00045	-.00045	0
2	FACE2	PY	-.00045	-.00045	0
3	FACE3	PY	-.001	-.001	0
4	FACE4	PY	-.001	-.001	0
5	FACE5	PY	-.001	-.001	0
6	FACE6	PY	-.001	-.001	0
7	MID FACE1	PY	-.00045	-.00045	0
8	MID FACE2	PY	-.001	-.001	0
9	MID FACE3	PY	-.001	-.001	0
10	RAIL1	PY	-.00027	-.00027	0
11	RAIL2	PY	-.000804	-.000804	0
12	RAIL3	PY	-.000804	-.000804	0
13	FACE VERT1	PY	-.000157	-.000157	0
14	FACE VERT2	PY	-.000157	-.000157	0
15	FACE VERT3	PY	-.000157	-.000157	0
16	FACE VERT4	PY	-.000157	-.000157	0
17	FACE VERT5	PY	-.000469	-.000469	0
18	FACE VERT6	PY	-.000469	-.000469	0
19	FACE VERT7	PY	-.000469	-.000469	0
20	FACE VERT8	PY	-.000469	-.000469	0
21	FACE VERT9	PY	-.000469	-.000469	0
22	FACE VERT10	PY	-.000469	-.000469	0
23	FACE VERT11	PY	-.000469	-.000469	0
24	FACE VERT12	PY	-.000469	-.000469	0
25	HORIZONTAL1	PY	-.000157	-.000157	0
26	HORIZONTAL2	PY	-.000469	-.000469	0
27	HORIZONTAL3	PY	-.000469	-.000469	0
28	DIAGONAL1	PY	-.000157	-.000157	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location [ft, %]	End Location [ft, %]
29	DIAGONAL2	PY	-.000157	-.000157	0	0
30	DIAGONAL3	PY	-.000469	-.000469	0	0
31	DIAGONAL4	PY	-.000469	-.000469	0	0
32	DIAGONAL5	PY	-.000469	-.000469	0	0
33	DIAGONAL6	PY	-.000469	-.000469	0	0
34	SUPPORT1	PY	-.00045	-.00045	0	0
35	SUPPORT2	PY	-.00045	-.00045	0	0
36	SUPPORT3	PY	-.00045	-.00045	0	0
37	LADDER SUPPORT1	PY	-.00045	-.00045	0	0
38	LADDER SUPPORT2	PY	-.00045	-.00045	0	0
39	GRATING SUPPORT	PY	-.00018	-.00018	0	0
40	RUNNER1	PY	-.000157	-.000157	0	0
41	RUNNER2	PY	-.000157	-.000157	0	0
42	RUNG1	PY	-4.3e-5	-4.3e-5	0	0
43	RUNG2	PY	-4.3e-5	-4.3e-5	0	0
44	RUNG3	PY	-4.3e-5	-4.3e-5	0	0
45	RUNG4	PY	-4.3e-5	-4.3e-5	0	0
46	RUNG5	PY	-4.3e-5	-4.3e-5	0	0
47	RUNG6	PY	-4.3e-5	-4.3e-5	0	0
48	RUNG7	PY	-4.3e-5	-4.3e-5	0	0
49	RUNG8	PY	-4.3e-5	-4.3e-5	0	0
50	RUNG9	PY	-4.3e-5	-4.3e-5	0	0
51	PLATE1	PY	-3.4e-5	-3.4e-5	0	0
52	PLATE2	PY	-3.4e-5	-3.4e-5	0	0
53	PLATE3	PY	-3.4e-5	-3.4e-5	0	0
54	PLATE4	PY	-3.4e-5	-3.4e-5	0	0
55	PLATE5	PY	-3.4e-5	-3.4e-5	0	0
56	PLATE6	PY	-3.4e-5	-3.4e-5	0	0
57	MP ALPHA1	PY	-.000427	-.000427	0	0
58	MP ALPHA2	PY	-.000427	-.000427	0	0
59	MP ALPHA3	PY	-.000427	-.000427	0	0
60	MP ALPHA4	PY	-.000427	-.000427	0	0
61	MP BETA1	PY	-.000427	-.000427	0	0
62	MP BETA2	PY	-.000427	-.000427	0	0
63	MP BETA3	PY	-.000427	-.000427	0	0
64	MP BETA4	PY	-.000427	-.000427	0	0
65	MP GAMMA1	PY	-.000427	-.000427	0	0
66	MP GAMMA2	PY	-.000427	-.000427	0	0
67	MP GAMMA3	PY	-.000427	-.000427	0	0
68	MP GAMMA4	PY	-.000427	-.000427	0	0
69	FACE1	PX	.00026	.00026	0	0
70	FACE2	PX	.00026	.00026	0	0
71	FACE3	PX	.000774	.000774	0	0
72	FACE4	PX	.000774	.000774	0	0
73	FACE5	PX	.000774	.000774	0	0
74	FACE6	PX	.000774	.000774	0	0
75	MID FACE1	PX	.00026	.00026	0	0
76	MID FACE2	PX	.000774	.000774	0	0
77	MID FACE3	PX	.000774	.000774	0	0
78	RAIL1	PX	.000156	.000156	0	0
79	RAIL2	PX	.000464	.000464	0	0
80	RAIL3	PX	.000464	.000464	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....	End Magnitude [k/ft, F...	Start Location [ft, %]	End Location [ft, %]
81	FACE VERT1	PX	9.1e-5	9.1e-5	0	0
82	FACE VERT2	PX	9.1e-5	9.1e-5	0	0
83	FACE VERT3	PX	9.1e-5	9.1e-5	0	0
84	FACE VERT4	PX	9.1e-5	9.1e-5	0	0
85	FACE VERT5	PX	.000271	.000271	0	0
86	FACE VERT6	PX	.000271	.000271	0	0
87	FACE VERT7	PX	.000271	.000271	0	0
88	FACE VERT8	PX	.000271	.000271	0	0
89	FACE VERT9	PX	.000271	.000271	0	0
90	FACE VERT10	PX	.000271	.000271	0	0
91	FACE VERT11	PX	.000271	.000271	0	0
92	FACE VERT12	PX	.000271	.000271	0	0
93	HORIZONTAL1	PX	9.1e-5	9.1e-5	0	0
94	HORIZONTAL2	PX	.000271	.000271	0	0
95	HORIZONTAL3	PX	.000271	.000271	0	0
96	DIAGONAL1	PX	9.1e-5	9.1e-5	0	0
97	DIAGONAL2	PX	9.1e-5	9.1e-5	0	0
98	DIAGONAL3	PX	.000271	.000271	0	0
99	DIAGONAL4	PX	.000271	.000271	0	0
100	DIAGONAL5	PX	.000271	.000271	0	0
101	DIAGONAL6	PX	.000271	.000271	0	0
102	SUPPORT1	PX	.00026	.00026	0	0
103	SUPPORT2	PX	.00026	.00026	0	0
104	SUPPORT3	PX	.00026	.00026	0	0
105	LADDER SUPPORT1	PX	.00026	.00026	0	0
106	LADDER SUPPORT2	PX	.00026	.00026	0	0
107	GRATING SUPPORT	PX	.000104	.000104	0	0
108	RUNNER1	PX	9.1e-5	9.1e-5	0	0
109	RUNNER2	PX	9.1e-5	9.1e-5	0	0
110	RUNG1	PX	2.5e-5	2.5e-5	0	0
111	RUNG2	PX	2.5e-5	2.5e-5	0	0
112	RUNG3	PX	2.5e-5	2.5e-5	0	0
113	RUNG4	PX	2.5e-5	2.5e-5	0	0
114	RUNG5	PX	2.5e-5	2.5e-5	0	0
115	RUNG6	PX	2.5e-5	2.5e-5	0	0
116	RUNG7	PX	2.5e-5	2.5e-5	0	0
117	RUNG8	PX	2.5e-5	2.5e-5	0	0
118	RUNG9	PX	2.5e-5	2.5e-5	0	0
119	PLATE1	PX	1.9e-5	1.9e-5	0	0
120	PLATE2	PX	1.9e-5	1.9e-5	0	0
121	PLATE3	PX	1.9e-5	1.9e-5	0	0
122	PLATE4	PX	1.9e-5	1.9e-5	0	0
123	PLATE5	PX	1.9e-5	1.9e-5	0	0
124	PLATE6	PX	1.9e-5	1.9e-5	0	0
125	MP ALPHA1	PX	.000247	.000247	0	0
126	MP ALPHA2	PX	.000247	.000247	0	0
127	MP ALPHA3	PX	.000247	.000247	0	0
128	MP ALPHA4	PX	.000247	.000247	0	0
129	MP BETA1	PX	.000247	.000247	0	0
130	MP BETA2	PX	.000247	.000247	0	0
131	MP BETA3	PX	.000247	.000247	0	0
132	MP BETA4	PX	.000247	.000247	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft, F...	Start Location [ft, %]	End Location[ft, %]
133	MP GAMMA1	PX	.000247	.000247	0	0
134	MP GAMMA2	PX	.000247	.000247	0	0
135	MP GAMMA3	PX	.000247	.000247	0	0
136	MP GAMMA4	PX	.000247	.000247	0	0

Member Distributed Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft, F...	Start Location [ft, %]	End Location[ft, %]
1	FACE1	Z	-01	-01	0	0
2	FACE2	Z	-01	-01	0	0
3	FACE3	Z	-01	-01	0	0
4	FACE4	Z	-01	-01	0	0
5	FACE5	Z	-01	-01	0	0
6	FACE6	Z	-01	-01	0	0
7	MID FACE1	Z	-01	-01	0	0
8	MID FACE2	Z	-01	-01	0	0
9	MID FACE3	Z	-01	-01	0	0
10	RAIL1	Z	-007	-007	0	0
11	RAIL2	Z	-007	-007	0	0
12	RAIL3	Z	-007	-007	0	0
13	FACE VERT1	Z	-005	-005	0	0
14	FACE VERT2	Z	-005	-005	0	0
15	FACE VERT3	Z	-005	-005	0	0
16	FACE VERT4	Z	-005	-005	0	0
17	FACE VERT5	Z	-005	-005	0	0
18	FACE VERT6	Z	-005	-005	0	0
19	FACE VERT7	Z	-005	-005	0	0
20	FACE VERT8	Z	-005	-005	0	0
21	FACE VERT9	Z	-005	-005	0	0
22	FACE VERT10	Z	-005	-005	0	0
23	FACE VERT11	Z	-005	-005	0	0
24	FACE VERT12	Z	-005	-005	0	0
25	HORIZONTAL1	Z	-005	-005	0	0
26	HORIZONTAL2	Z	-005	-005	0	0
27	HORIZONTAL3	Z	-005	-005	0	0
28	DIAGONAL1	Z	-005	-005	0	0
29	DIAGONAL2	Z	-005	-005	0	0
30	DIAGONAL3	Z	-005	-005	0	0
31	DIAGONAL4	Z	-005	-005	0	0
32	DIAGONAL5	Z	-005	-005	0	0
33	DIAGONAL6	Z	-005	-005	0	0
34	SUPPORT1	Z	-01	-01	0	0
35	SUPPORT2	Z	-01	-01	0	0
36	SUPPORT3	Z	-01	-01	0	0
37	LADDER SUPPORT1	Z	-01	-01	0	0
38	LADDER SUPPORT2	Z	-01	-01	0	0
39	GRATING SUPPORT	Z	-01	-01	0	0
40	RUNNER1	Z	-006	-006	0	0
41	RUNNER2	Z	-005	-005	0	0
42	RUNG1	Z	-002	-002	0	0
43	RUNG2	Z	-002	-002	0	0
44	RUNG3	Z	-002	-002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
45	RUNG4	Z	-0.02	-0.02	0	0
46	RUNG5	Z	-0.02	-0.02	0	0
47	RUNG6	Z	-0.02	-0.02	0	0
48	RUNG7	Z	-0.02	-0.02	0	0
49	RUNG8	Z	-0.02	-0.02	0	0
50	RUNG9	Z	-0.02	-0.02	0	0
51	PLATE1	Z	-0.12	-0.12	0	0
52	PLATE2	Z	-0.12	-0.12	0	0
53	PLATE3	Z	-0.12	-0.12	0	0
54	PLATE4	Z	-0.12	-0.12	0	0
55	PLATE5	Z	-0.12	-0.12	0	0
56	PLATE6	Z	-0.12	-0.12	0	0
57	MP ALPHA1	Z	-0.05	-0.05	0	0
58	MP ALPHA2	Z	-0.05	-0.05	0	0
59	MP ALPHA3	Z	-0.05	-0.05	0	0
60	MP ALPHA4	Z	-0.05	-0.05	0	0
61	MP BETA1	Z	-0.05	-0.05	0	0
62	MP BETA2	Z	-0.05	-0.05	0	0
63	MP BETA3	Z	-0.05	-0.05	0	0
64	MP BETA4	Z	-0.05	-0.05	0	0
65	MP GAMMA1	Z	-0.05	-0.05	0	0
66	MP GAMMA2	Z	-0.05	-0.05	0	0
67	MP GAMMA3	Z	-0.05	-0.05	0	0
68	MP GAMMA4	Z	-0.05	-0.05	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE1	PY	-0.03	-0.03	0	0
2	FACE2	PY	-0.03	-0.03	0	0
3	FACE3	PY	-0.06	-0.06	0	0
4	FACE4	PY	-0.06	-0.06	0	0
5	FACE5	PY	-0.06	-0.06	0	0
6	FACE6	PY	-0.06	-0.06	0	0
7	MID FACE1	PY	-0.03	-0.03	0	0
8	MID FACE2	PY	-0.06	-0.06	0	0
9	MID FACE3	PY	-0.06	-0.06	0	0
10	RAIL1	PY	-0.02	-0.02	0	0
11	RAIL2	PY	-0.05	-0.05	0	0
12	RAIL3	PY	-0.05	-0.05	0	0
13	FACE VERT1	PY	-0.02	-0.02	0	0
14	FACE VERT2	PY	-0.02	-0.02	0	0
15	FACE VERT3	PY	-0.02	-0.02	0	0
16	FACE VERT4	PY	-0.02	-0.02	0	0
17	FACE VERT5	PY	-0.03	-0.03	0	0
18	FACE VERT6	PY	-0.03	-0.03	0	0
19	FACE VERT7	PY	-0.03	-0.03	0	0
20	FACE VERT8	PY	-0.03	-0.03	0	0
21	FACE VERT9	PY	-0.03	-0.03	0	0
22	FACE VERT10	PY	-0.03	-0.03	0	0
23	FACE VERT11	PY	-0.03	-0.03	0	0
24	FACE VERT12	PY	-0.03	-0.03	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....	End Magnitude [k/ft, F...	Start Location [ft, %]	End Location [ft, %]
25	HORIZONTAL1	PY	-0.002	-0.002	0	0
26	HORIZONTAL2	PY	-0.003	-0.003	0	0
27	HORIZONTAL3	PY	-0.003	-0.003	0	0
28	DIAGONAL1	PY	-0.002	-0.002	0	0
29	DIAGONAL2	PY	-0.002	-0.002	0	0
30	DIAGONAL3	PY	-0.003	-0.003	0	0
31	DIAGONAL4	PY	-0.003	-0.003	0	0
32	DIAGONAL5	PY	-0.003	-0.003	0	0
33	DIAGONAL6	PY	-0.003	-0.003	0	0
34	SUPPORT1	PY	-0.003	-0.003	0	0
35	SUPPORT2	PY	-0.003	-0.003	0	0
36	SUPPORT3	PY	-0.003	-0.003	0	0
37	LADDER SUPPORT1	PY	-0.003	-0.003	0	0
38	LADDER SUPPORT2	PY	-0.003	-0.003	0	0
39	GRATING SUPPORT	PY	-0.002	-0.002	0	0
40	RUNNER1	PY	-0.002	-0.002	0	0
41	RUNNER2	PY	-0.002	-0.002	0	0
42	RUNG1	PY	-0.00844	-0.00844	0	0
43	RUNG2	PY	-0.00844	-0.00844	0	0
44	RUNG3	PY	-0.00844	-0.00844	0	0
45	RUNG4	PY	-0.00844	-0.00844	0	0
46	RUNG5	PY	-0.00844	-0.00844	0	0
47	RUNG6	PY	-0.00844	-0.00844	0	0
48	RUNG7	PY	-0.00844	-0.00844	0	0
49	RUNG8	PY	-0.00844	-0.00844	0	0
50	RUNG9	PY	-0.00844	-0.00844	0	0
51	PLATE1	PY	-0.001	-0.001	0	0
52	PLATE2	PY	-0.001	-0.001	0	0
53	PLATE3	PY	-0.001	-0.001	0	0
54	PLATE4	PY	-0.001	-0.001	0	0
55	PLATE5	PY	-0.001	-0.001	0	0
56	PLATE6	PY	-0.001	-0.001	0	0
57	MP ALPHA1	PY	-0.003	-0.003	0	0
58	MP ALPHA2	PY	-0.003	-0.003	0	0
59	MP ALPHA3	PY	-0.003	-0.003	0	0
60	MP ALPHA4	PY	-0.003	-0.003	0	0
61	MP BETA1	PY	-0.003	-0.003	0	0
62	MP BETA2	PY	-0.003	-0.003	0	0
63	MP BETA3	PY	-0.003	-0.003	0	0
64	MP BETA4	PY	-0.003	-0.003	0	0
65	MP GAMMA1	PY	-0.003	-0.003	0	0
66	MP GAMMA2	PY	-0.003	-0.003	0	0
67	MP GAMMA3	PY	-0.003	-0.003	0	0
68	MP GAMMA4	PY	-0.003	-0.003	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....	End Magnitude [k/ft, F...	Start Location [ft, %]	End Location [ft, %]
1	FACE1	PY	-0.003	-0.003	0	0
2	FACE2	PY	-0.003	-0.003	0	0
3	FACE3	PY	-0.005	-0.005	0	0
4	FACE4	PY	-0.005	-0.005	0	0

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

Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
5	FACE5	PY	-0.005	0	0
6	FACE6	PY	-0.005	0	0
7	MID FACE1	PY	-0.003	0	0
8	MID FACE2	PY	-0.005	0	0
9	MID FACE3	PY	-0.005	0	0
10	RAIL1	PY	-0.002	0	0
11	RAIL2	PY	-0.004	0	0
12	RAIL3	PY	-0.004	0	0
13	FACE VERT1	PY	-0.002	0	0
14	FACE VERT2	PY	-0.002	0	0
15	FACE VERT3	PY	-0.002	0	0
16	FACE VERT4	PY	-0.002	0	0
17	FACE VERT5	PY	-0.003	0	0
18	FACE VERT6	PY	-0.003	0	0
19	FACE VERT7	PY	-0.003	0	0
20	FACE VERT8	PY	-0.003	0	0
21	FACE VERT9	PY	-0.003	0	0
22	FACE VERT10	PY	-0.003	0	0
23	FACE VERT11	PY	-0.003	0	0
24	FACE VERT12	PY	-0.003	0	0
25	HORIZONTAL1	PY	-0.002	0	0
26	HORIZONTAL2	PY	-0.003	0	0
27	HORIZONTAL3	PY	-0.003	0	0
28	DIAGONAL1	PY	-0.002	0	0
29	DIAGONAL2	PY	-0.002	0	0
30	DIAGONAL3	PY	-0.003	0	0
31	DIAGONAL4	PY	-0.003	0	0
32	DIAGONAL5	PY	-0.003	0	0
33	DIAGONAL6	PY	-0.003	0	0
34	SUPPORT1	PY	-0.003	0	0
35	SUPPORT2	PY	-0.003	0	0
36	SUPPORT3	PY	-0.003	0	0
37	LADDER SUPPORT1	PY	-0.003	0	0
38	LADDER SUPPORT2	PY	-0.003	0	0
39	GRATING SUPPORT	PY	-0.002	0	0
40	RUNNER1	PY	-0.002	0	0
41	RUNNER2	PY	-0.002	0	0
42	RUNG1	PY	-0.000731	0	0
43	RUNG2	PY	-0.000731	0	0
44	RUNG3	PY	-0.000731	0	0
45	RUNG4	PY	-0.000731	0	0
46	RUNG5	PY	-0.000731	0	0
47	RUNG6	PY	-0.000731	0	0
48	RUNG7	PY	-0.000731	0	0
49	RUNG8	PY	-0.000731	0	0
50	RUNG9	PY	-0.000731	0	0
51	PLATE1	PY	-0.000995	0	0
52	PLATE2	PY	-0.000995	0	0
53	PLATE3	PY	-0.000995	0	0
54	PLATE4	PY	-0.000995	0	0
55	PLATE5	PY	-0.000995	0	0
56	PLATE6	PY	-0.000995	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
57	MP ALPHA1	PY	-.002	-.002	0	0
58	MP ALPHA2	PY	-.002	-.002	0	0
59	MP ALPHA3	PY	-.002	-.002	0	0
60	MP ALPHA4	PY	-.002	-.002	0	0
61	MP BETA1	PY	-.002	-.002	0	0
62	MP BETA2	PY	-.002	-.002	0	0
63	MP BETA3	PY	-.002	-.002	0	0
64	MP BETA4	PY	-.002	-.002	0	0
65	MP GAMMA1	PY	-.002	-.002	0	0
66	MP GAMMA2	PY	-.002	-.002	0	0
67	MP GAMMA3	PY	-.002	-.002	0	0
68	MP GAMMA4	PY	-.002	-.002	0	0
69	FACE1	PX	-.002	-.002	0	0
70	FACE2	PX	-.002	-.002	0	0
71	FACE3	PX	-.003	-.003	0	0
72	FACE4	PX	-.003	-.003	0	0
73	FACE5	PX	-.003	-.003	0	0
74	FACE6	PX	-.003	-.003	0	0
75	MID FACE1	PX	-.002	-.002	0	0
76	MID FACE2	PX	-.003	-.003	0	0
77	MID FACE3	PX	-.003	-.003	0	0
78	RAIL1	PX	-.001	-.001	0	0
79	RAIL2	PX	-.002	-.002	0	0
80	RAIL3	PX	-.002	-.002	0	0
81	FACE VERT1	PX	-.00087	-.00087	0	0
82	FACE VERT2	PX	-.00087	-.00087	0	0
83	FACE VERT3	PX	-.00087	-.00087	0	0
84	FACE VERT4	PX	-.00087	-.00087	0	0
85	FACE VERT5	PX	-.002	-.002	0	0
86	FACE VERT6	PX	-.002	-.002	0	0
87	FACE VERT7	PX	-.002	-.002	0	0
88	FACE VERT8	PX	-.002	-.002	0	0
89	FACE VERT9	PX	-.002	-.002	0	0
90	FACE VERT10	PX	-.002	-.002	0	0
91	FACE VERT11	PX	-.002	-.002	0	0
92	FACE VERT12	PX	-.002	-.002	0	0
93	HORIZONTAL1	PX	-.00087	-.00087	0	0
94	HORIZONTAL2	PX	-.002	-.002	0	0
95	HORIZONTAL3	PX	-.002	-.002	0	0
96	DIAGONAL1	PX	-.00087	-.00087	0	0
97	DIAGONAL2	PX	-.00087	-.00087	0	0
98	DIAGONAL3	PX	-.002	-.002	0	0
99	DIAGONAL4	PX	-.002	-.002	0	0
100	DIAGONAL5	PX	-.002	-.002	0	0
101	DIAGONAL6	PX	-.002	-.002	0	0
102	SUPPORT1	PX	-.002	-.002	0	0
103	SUPPORT2	PX	-.002	-.002	0	0
104	SUPPORT3	PX	-.002	-.002	0	0
105	LADDER SUPPORT1	PX	-.002	-.002	0	0
106	LADDER SUPPORT2	PX	-.002	-.002	0	0
107	GRATING SUPPORT	PX	-.000924	-.000924	0	0
108	RUNNER1	PX	-.00087	-.00087	0	0

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

Member Label	Direction	Start Magnitude[k/ft,....]	End Magnitude[k/ft,F,...]	Start Location[ft,%]	End Location[ft,%]
109	RUNNER2	PX	-0.0087	0	0
110	RUNG1	PX	-0.00422	0	0
111	RUNG2	PX	-0.00422	0	0
112	RUNG3	PX	-0.00422	0	0
113	RUNG4	PX	-0.00422	0	0
114	RUNG5	PX	-0.00422	0	0
115	RUNG6	PX	-0.00422	0	0
116	RUNG7	PX	-0.00422	0	0
117	RUNG8	PX	-0.00422	0	0
118	RUNG9	PX	-0.00422	0	0
119	PLATE1	PX	-0.00575	0	0
120	PLATE2	PX	-0.00575	0	0
121	PLATE3	PX	-0.00575	0	0
122	PLATE4	PX	-0.00575	0	0
123	PLATE5	PX	-0.00575	0	0
124	PLATE6	PX	-0.00575	0	0
125	MP ALPHA1	PX	-0.001	0	0
126	MP ALPHA2	PX	-0.001	0	0
127	MP ALPHA3	PX	-0.001	0	0
128	MP ALPHA4	PX	-0.001	0	0
129	MP BETA1	PX	-0.001	0	0
130	MP BETA2	PX	-0.001	0	0
131	MP BETA3	PX	-0.001	0	0
132	MP BETA4	PX	-0.001	0	0
133	MP GAMMA1	PX	-0.001	0	0
134	MP GAMMA2	PX	-0.001	0	0
135	MP GAMMA3	PX	-0.001	0	0
136	MP GAMMA4	PX	-0.001	0	0

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

Member Label	Direction	Start Magnitude[k/ft,....]	End Magnitude[k/ft,F,...]	Start Location[ft,%]	End Location[ft,%]
1	FACE1	PY	-0.002	0	0
2	FACE2	PY	-0.002	0	0
3	FACE3	PY	-0.003	0	0
4	FACE4	PY	-0.003	0	0
5	FACE5	PY	-0.003	0	0
6	FACE6	PY	-0.003	0	0
7	MID FACE1	PY	-0.002	0	0
8	MID FACE2	PY	-0.003	0	0
9	MID FACE3	PY	-0.003	0	0
10	RAIL1	PY	-0.001	0	0
11	RAIL2	PY	-0.002	0	0
12	RAIL3	PY	-0.002	0	0
13	FACE VERT1	PY	-0.0087	0	0
14	FACE VERT2	PY	-0.0087	0	0
15	FACE VERT3	PY	-0.0087	0	0
16	FACE VERT4	PY	-0.0087	0	0
17	FACE VERT5	PY	-0.002	0	0
18	FACE VERT6	PY	-0.002	0	0
19	FACE VERT7	PY	-0.002	0	0
20	FACE VERT8	PY	-0.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
21	FACE VERT9	PY	-.002	-.002	0	0
22	FACE VERT10	PY	-.002	-.002	0	0
23	FACE VERT11	PY	-.002	-.002	0	0
24	FACE VERT12	PY	-.002	-.002	0	0
25	HORIZONTAL1	PY	-.00087	-.00087	0	0
26	HORIZONTAL2	PY	-.002	-.002	0	0
27	HORIZONTAL3	PY	-.002	-.002	0	0
28	DIAGONAL1	PY	-.00087	-.00087	0	0
29	DIAGONAL2	PY	-.00087	-.00087	0	0
30	DIAGONAL3	PY	-.002	-.002	0	0
31	DIAGONAL4	PY	-.002	-.002	0	0
32	DIAGONAL5	PY	-.002	-.002	0	0
33	DIAGONAL6	PY	-.002	-.002	0	0
34	SUPPORT1	PY	-.002	-.002	0	0
35	SUPPORT2	PY	-.002	-.002	0	0
36	SUPPORT3	PY	-.002	-.002	0	0
37	LADDER SUPPORT1	PY	-.002	-.002	0	0
38	LADDER SUPPORT2	PY	-.002	-.002	0	0
39	GRATING SUPPORT	PY	-.000924	-.000924	0	0
40	RUNNER1	PY	-.00087	-.00087	0	0
41	RUNNER2	PY	-.00087	-.00087	0	0
42	RUNG1	PY	-.000422	-.000422	0	0
43	RUNG2	PY	-.000422	-.000422	0	0
44	RUNG3	PY	-.000422	-.000422	0	0
45	RUNG4	PY	-.000422	-.000422	0	0
46	RUNG5	PY	-.000422	-.000422	0	0
47	RUNG6	PY	-.000422	-.000422	0	0
48	RUNG7	PY	-.000422	-.000422	0	0
49	RUNG8	PY	-.000422	-.000422	0	0
50	RUNG9	PY	-.000422	-.000422	0	0
51	PLATE1	PY	-.000575	-.000575	0	0
52	PLATE2	PY	-.000575	-.000575	0	0
53	PLATE3	PY	-.000575	-.000575	0	0
54	PLATE4	PY	-.000575	-.000575	0	0
55	PLATE5	PY	-.000575	-.000575	0	0
56	PLATE6	PY	-.000575	-.000575	0	0
57	MP ALPHA1	PY	-.001	-.001	0	0
58	MP ALPHA2	PY	-.001	-.001	0	0
59	MP ALPHA3	PY	-.001	-.001	0	0
60	MP ALPHA4	PY	-.001	-.001	0	0
61	MP BETA1	PY	-.001	-.001	0	0
62	MP BETA2	PY	-.001	-.001	0	0
63	MP BETA3	PY	-.001	-.001	0	0
64	MP BETA4	PY	-.001	-.001	0	0
65	MP GAMMA1	PY	-.001	-.001	0	0
66	MP GAMMA2	PY	-.001	-.001	0	0
67	MP GAMMA3	PY	-.001	-.001	0	0
68	MP GAMMA4	PY	-.001	-.001	0	0
69	FACE1	PX	-.003	-.003	0	0
70	FACE2	PX	-.003	-.003	0	0
71	FACE3	PX	-.005	-.005	0	0
72	FACE4	PX	-.005	-.005	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
73	FACE5	PX	-0.05	-0.05	0	0
74	FACE6	PX	-0.05	-0.05	0	0
75	MID FACE1	PX	-0.03	-0.03	0	0
76	MID FACE2	PX	-0.05	-0.05	0	0
77	MID FACE3	PX	-0.05	-0.05	0	0
78	RAIL1	PX	-0.02	-0.02	0	0
79	RAIL2	PX	-0.04	-0.04	0	0
80	RAIL3	PX	-0.04	-0.04	0	0
81	FACE VERT1	PX	-0.02	-0.02	0	0
82	FACE VERT2	PX	-0.02	-0.02	0	0
83	FACE VERT3	PX	-0.02	-0.02	0	0
84	FACE VERT4	PX	-0.02	-0.02	0	0
85	FACE VERT5	PX	-0.03	-0.03	0	0
86	FACE VERT6	PX	-0.03	-0.03	0	0
87	FACE VERT7	PX	-0.03	-0.03	0	0
88	FACE VERT8	PX	-0.03	-0.03	0	0
89	FACE VERT9	PX	-0.03	-0.03	0	0
90	FACE VERT10	PX	-0.03	-0.03	0	0
91	FACE VERT11	PX	-0.03	-0.03	0	0
92	FACE VERT12	PX	-0.03	-0.03	0	0
93	HORIZONTAL1	PX	-0.02	-0.02	0	0
94	HORIZONTAL2	PX	-0.03	-0.03	0	0
95	HORIZONTAL3	PX	-0.03	-0.03	0	0
96	DIAGONAL1	PX	-0.02	-0.02	0	0
97	DIAGONAL2	PX	-0.02	-0.02	0	0
98	DIAGONAL3	PX	-0.03	-0.03	0	0
99	DIAGONAL4	PX	-0.03	-0.03	0	0
100	DIAGONAL5	PX	-0.03	-0.03	0	0
101	DIAGONAL6	PX	-0.03	-0.03	0	0
102	SUPPORT1	PX	-0.03	-0.03	0	0
103	SUPPORT2	PX	-0.03	-0.03	0	0
104	SUPPORT3	PX	-0.03	-0.03	0	0
105	LADDER SUPPORT1	PX	-0.03	-0.03	0	0
106	LADDER SUPPORT2	PX	-0.03	-0.03	0	0
107	GRATING SUPPORT	PX	-0.02	-0.02	0	0
108	RUNNER1	PX	-0.02	-0.02	0	0
109	RUNNER2	PX	-0.02	-0.02	0	0
110	RUNG1	PX	-0.00731	-0.00731	0	0
111	RUNG2	PX	-0.00731	-0.00731	0	0
112	RUNG3	PX	-0.00731	-0.00731	0	0
113	RUNG4	PX	-0.00731	-0.00731	0	0
114	RUNG5	PX	-0.00731	-0.00731	0	0
115	RUNG6	PX	-0.00731	-0.00731	0	0
116	RUNG7	PX	-0.00731	-0.00731	0	0
117	RUNG8	PX	-0.00731	-0.00731	0	0
118	RUNG9	PX	-0.00731	-0.00731	0	0
119	PLATE1	PX	-0.00995	-0.00995	0	0
120	PLATE2	PX	-0.00995	-0.00995	0	0
121	PLATE3	PX	-0.00995	-0.00995	0	0
122	PLATE4	PX	-0.00995	-0.00995	0	0
123	PLATE5	PX	-0.00995	-0.00995	0	0
124	PLATE6	PX	-0.00995	-0.00995	0	0

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

Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
125	MP ALPHA1	PX	-0.02	-0.02	0
126	MP ALPHA2	PX	-0.02	-0.02	0
127	MP ALPHA3	PX	-0.02	-0.02	0
128	MP ALPHA4	PX	-0.02	-0.02	0
129	MP BETA1	PX	-0.02	-0.02	0
130	MP BETA2	PX	-0.02	-0.02	0
131	MP BETA3	PX	-0.02	-0.02	0
132	MP BETA4	PX	-0.02	-0.02	0
133	MP GAMMA1	PX	-0.02	-0.02	0
134	MP GAMMA2	PX	-0.02	-0.02	0
135	MP GAMMA3	PX	-0.02	-0.02	0
136	MP GAMMA4	PX	-0.02	-0.02	0

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

Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
1	FACE4	PX	-0.03	-0.03	0
2	FACE3	PX	-0.03	-0.03	0
3	FACE2	PX	-0.06	-0.06	0
4	FACE1	PX	-0.06	-0.06	0
5	FACE5	PX	-0.06	-0.06	0
6	FACE6	PX	-0.06	-0.06	0
7	MID FACE2	PX	-0.03	-0.03	0
8	MID FACE1	PX	-0.06	-0.06	0
9	MID FACE3	PX	-0.06	-0.06	0
10	RAIL2	PX	-0.02	-0.02	0
11	RAIL1	PX	-0.05	-0.05	0
12	RAIL3	PX	-0.05	-0.05	0
13	FACE VERT5	PX	-0.02	-0.02	0
14	FACE VERT6	PX	-0.02	-0.02	0
15	FACE VERT7	PX	-0.02	-0.02	0
16	FACE VERT8	PX	-0.02	-0.02	0
17	FACE VERT1	PX	-0.03	-0.03	0
18	FACE VERT2	PX	-0.03	-0.03	0
19	FACE VERT3	PX	-0.03	-0.03	0
20	FACE VERT4	PX	-0.03	-0.03	0
21	FACE VERT9	PX	-0.03	-0.03	0
22	FACE VERT10	PX	-0.03	-0.03	0
23	FACE VERT11	PX	-0.03	-0.03	0
24	FACE VERT12	PX	-0.03	-0.03	0
25	HORIZONTAL2	PX	-0.02	-0.02	0
26	HORIZONTAL1	PX	-0.03	-0.03	0
27	HORIZONTAL3	PX	-0.03	-0.03	0
28	DIAGONAL4	PX	-0.02	-0.02	0
29	DIAGONAL3	PX	-0.02	-0.02	0
30	DIAGONAL2	PX	-0.03	-0.03	0
31	DIAGONAL1	PX	-0.03	-0.03	0
32	DIAGONAL5	PX	-0.03	-0.03	0
33	DIAGONAL6	PX	-0.03	-0.03	0
34	SUPPORT1	PX	-0.03	-0.03	0
35	SUPPORT2	PX	-0.03	-0.03	0
36	SUPPORT3	PX	-0.03	-0.03	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	LADDER SUPPORT1	PX	-.003	-.003	0	0
38	LADDER SUPPORT2	PX	-.003	-.003	0	0
39	GRATING SUPPORT	PX	-.002	-.002	0	0
40	RUNNER1	PX	-.002	-.002	0	0
41	RUNNER2	PX	-.002	-.002	0	0
42	RUNG1	PX	-.000844	-.000844	0	0
43	RUNG2	PX	-.000844	-.000844	0	0
44	RUNG3	PX	-.000844	-.000844	0	0
45	RUNG4	PX	-.000844	-.000844	0	0
46	RUNG5	PX	-.000844	-.000844	0	0
47	RUNG6	PX	-.000844	-.000844	0	0
48	RUNG7	PX	-.000844	-.000844	0	0
49	RUNG8	PX	-.000844	-.000844	0	0
50	RUNG9	PX	-.000844	-.000844	0	0
51	PLATE1	PX	-.001	-.001	0	0
52	PLATE2	PX	-.001	-.001	0	0
53	PLATE3	PX	-.001	-.001	0	0
54	PLATE4	PX	-.001	-.001	0	0
55	PLATE5	PX	-.001	-.001	0	0
56	PLATE6	PX	-.001	-.001	0	0
57	MP ALPHA1	PX	-.003	-.003	0	0
58	MP ALPHA2	PX	-.003	-.003	0	0
59	MP ALPHA3	PX	-.003	-.003	0	0
60	MP ALPHA4	PX	-.003	-.003	0	0
61	MP BETA1	PX	-.003	-.003	0	0
62	MP BETA2	PX	-.003	-.003	0	0
63	MP BETA3	PX	-.003	-.003	0	0
64	MP BETA4	PX	-.003	-.003	0	0
65	MP GAMMA1	PX	-.003	-.003	0	0
66	MP GAMMA2	PX	-.003	-.003	0	0
67	MP GAMMA3	PX	-.003	-.003	0	0
68	MP GAMMA4	PX	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE4	PY	.002	.002	0	0
2	FACE3	PY	.002	.002	0	0
3	FACE2	PY	.003	.003	0	0
4	FACE1	PY	.003	.003	0	0
5	FACE5	PY	.003	.003	0	0
6	FACE6	PY	.003	.003	0	0
7	MID FACE2	PY	.002	.002	0	0
8	MID FACE1	PY	.003	.003	0	0
9	MID FACE3	PY	.003	.003	0	0
10	RAIL2	PY	.001	.001	0	0
11	RAIL1	PY	.002	.002	0	0
12	RAIL3	PY	.002	.002	0	0
13	FACE VERT5	PY	.00087	.00087	0	0
14	FACE VERT6	PY	.00087	.00087	0	0
15	FACE VERT7	PY	.00087	.00087	0	0
16	FACE VERT8	PY	.00087	.00087	0	0

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

	Member Label	Direction	Start Magnitude [k/ft....]	End Magnitude [k/ft, F...]	Start Location [ft, %]	End Location [ft, %]
17	FACE VERT1	PY	.002	.002	0	0
18	FACE VERT2	PY	.002	.002	0	0
19	FACE VERT3	PY	.002	.002	0	0
20	FACE VERT4	PY	.002	.002	0	0
21	FACE VERT9	PY	.002	.002	0	0
22	FACE VERT10	PY	.002	.002	0	0
23	FACE VERT11	PY	.002	.002	0	0
24	FACE VERT12	PY	.002	.002	0	0
25	HORIZONTAL2	PY	.0087	.0087	0	0
26	HORIZONTAL1	PY	.002	.002	0	0
27	HORIZONTAL3	PY	.002	.002	0	0
28	DIAGONAL4	PY	.0087	.0087	0	0
29	DIAGONAL3	PY	.0087	.0087	0	0
30	DIAGONAL2	PY	.002	.002	0	0
31	DIAGONAL1	PY	.002	.002	0	0
32	DIAGONAL5	PY	.002	.002	0	0
33	DIAGONAL6	PY	.002	.002	0	0
34	SUPPORT1	PY	.002	.002	0	0
35	SUPPORT2	PY	.002	.002	0	0
36	SUPPORT3	PY	.002	.002	0	0
37	LADDER SUPPORT1	PY	.002	.002	0	0
38	LADDER SUPPORT2	PY	.002	.002	0	0
39	GRATING SUPPORT	PY	.00924	.00924	0	0
40	RUNNER1	PY	.0087	.0087	0	0
41	RUNNER2	PY	.0087	.0087	0	0
42	RUNG1	PY	.00422	.00422	0	0
43	RUNG2	PY	.00422	.00422	0	0
44	RUNG3	PY	.00422	.00422	0	0
45	RUNG4	PY	.00422	.00422	0	0
46	RUNG5	PY	.00422	.00422	0	0
47	RUNG6	PY	.00422	.00422	0	0
48	RUNG7	PY	.00422	.00422	0	0
49	RUNG8	PY	.00422	.00422	0	0
50	RUNG9	PY	.00422	.00422	0	0
51	PLATE1	PY	.00575	.00575	0	0
52	PLATE2	PY	.00575	.00575	0	0
53	PLATE3	PY	.00575	.00575	0	0
54	PLATE4	PY	.00575	.00575	0	0
55	PLATE5	PY	.00575	.00575	0	0
56	PLATE6	PY	.00575	.00575	0	0
57	MP ALPHA1	PY	.001	.001	0	0
58	MP ALPHA2	PY	.001	.001	0	0
59	MP ALPHA3	PY	.001	.001	0	0
60	MP ALPHA4	PY	.001	.001	0	0
61	MP BETA1	PY	.001	.001	0	0
62	MP BETA2	PY	.001	.001	0	0
63	MP BETA3	PY	.001	.001	0	0
64	MP BETA4	PY	.001	.001	0	0
65	MP GAMMA1	PY	.001	.001	0	0
66	MP GAMMA2	PY	.001	.001	0	0
67	MP GAMMA3	PY	.001	.001	0	0
68	MP GAMMA4	PY	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
69	FACE4	PX	-0.03	-0.03	0	0
70	FACE3	PX	-0.03	-0.03	0	0
71	FACE2	PX	-0.05	-0.05	0	0
72	FACE1	PX	-0.05	-0.05	0	0
73	FACE5	PX	-0.05	-0.05	0	0
74	FACE6	PX	-0.05	-0.05	0	0
75	MID FACE2	PX	-0.03	-0.03	0	0
76	MID FACE1	PX	-0.05	-0.05	0	0
77	MID FACE3	PX	-0.05	-0.05	0	0
78	RAIL2	PX	-0.02	-0.02	0	0
79	RAIL1	PX	-0.04	-0.04	0	0
80	RAIL3	PX	-0.04	-0.04	0	0
81	FACE VERT5	PX	-0.02	-0.02	0	0
82	FACE VERT6	PX	-0.02	-0.02	0	0
83	FACE VERT7	PX	-0.02	-0.02	0	0
84	FACE VERT8	PX	-0.02	-0.02	0	0
85	FACE VERT1	PX	-0.03	-0.03	0	0
86	FACE VERT2	PX	-0.03	-0.03	0	0
87	FACE VERT3	PX	-0.03	-0.03	0	0
88	FACE VERT4	PX	-0.03	-0.03	0	0
89	FACE VERT9	PX	-0.03	-0.03	0	0
90	FACE VERT10	PX	-0.03	-0.03	0	0
91	FACE VERT11	PX	-0.03	-0.03	0	0
92	FACE VERT12	PX	-0.03	-0.03	0	0
93	HORIZONTAL2	PX	-0.02	-0.02	0	0
94	HORIZONTAL1	PX	-0.03	-0.03	0	0
95	HORIZONTAL3	PX	-0.03	-0.03	0	0
96	DIAGONAL4	PX	-0.02	-0.02	0	0
97	DIAGONAL3	PX	-0.02	-0.02	0	0
98	DIAGONAL2	PX	-0.03	-0.03	0	0
99	DIAGONAL1	PX	-0.03	-0.03	0	0
100	DIAGONAL5	PX	-0.03	-0.03	0	0
101	DIAGONAL6	PX	-0.03	-0.03	0	0
102	SUPPORT1	PX	-0.03	-0.03	0	0
103	SUPPORT2	PX	-0.03	-0.03	0	0
104	SUPPORT3	PX	-0.03	-0.03	0	0
105	LADDER SUPPORT1	PX	-0.03	-0.03	0	0
106	LADDER SUPPORT2	PX	-0.03	-0.03	0	0
107	GRATING SUPPORT	PX	-0.02	-0.02	0	0
108	RUNNER1	PX	-0.02	-0.02	0	0
109	RUNNER2	PX	-0.02	-0.02	0	0
110	RUNG1	PX	-0.00731	-0.00731	0	0
111	RUNG2	PX	-0.00731	-0.00731	0	0
112	RUNG3	PX	-0.00731	-0.00731	0	0
113	RUNG4	PX	-0.00731	-0.00731	0	0
114	RUNG5	PX	-0.00731	-0.00731	0	0
115	RUNG6	PX	-0.00731	-0.00731	0	0
116	RUNG7	PX	-0.00731	-0.00731	0	0
117	RUNG8	PX	-0.00731	-0.00731	0	0
118	RUNG9	PX	-0.00731	-0.00731	0	0
119	PLATE1	PX	-0.00995	-0.00995	0	0
120	PLATE2	PX	-0.00995	-0.00995	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
121	PLATE3	PX	-.000995	-.000995	0	0
122	PLATE4	PX	-.000995	-.000995	0	0
123	PLATE5	PX	-.000995	-.000995	0	0
124	PLATE6	PX	-.000995	-.000995	0	0
125	MP ALPHA1	PX	-.002	-.002	0	0
126	MP ALPHA2	PX	-.002	-.002	0	0
127	MP ALPHA3	PX	-.002	-.002	0	0
128	MP ALPHA4	PX	-.002	-.002	0	0
129	MP BETA1	PX	-.002	-.002	0	0
130	MP BETA2	PX	-.002	-.002	0	0
131	MP BETA3	PX	-.002	-.002	0	0
132	MP BETA4	PX	-.002	-.002	0	0
133	MP GAMMA1	PX	-.002	-.002	0	0
134	MP GAMMA2	PX	-.002	-.002	0	0
135	MP GAMMA3	PX	-.002	-.002	0	0
136	MP GAMMA4	PX	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE4	PY	.003	.003	0	0
2	FACE3	PY	.003	.003	0	0
3	FACE2	PY	.005	.005	0	0
4	FACE1	PY	.005	.005	0	0
5	FACE5	PY	.005	.005	0	0
6	FACE6	PY	.005	.005	0	0
7	MID FACE2	PY	.003	.003	0	0
8	MID FACE1	PY	.005	.005	0	0
9	MID FACE3	PY	.005	.005	0	0
10	RAIL2	PY	.002	.002	0	0
11	RAIL1	PY	.004	.004	0	0
12	RAIL3	PY	.004	.004	0	0
13	FACE VERT5	PY	.002	.002	0	0
14	FACE VERT6	PY	.002	.002	0	0
15	FACE VERT7	PY	.002	.002	0	0
16	FACE VERT8	PY	.002	.002	0	0
17	FACE VERT1	PY	.003	.003	0	0
18	FACE VERT2	PY	.003	.003	0	0
19	FACE VERT3	PY	.003	.003	0	0
20	FACE VERT4	PY	.003	.003	0	0
21	FACE VERT9	PY	.003	.003	0	0
22	FACE VERT10	PY	.003	.003	0	0
23	FACE VERT11	PY	.003	.003	0	0
24	FACE VERT12	PY	.003	.003	0	0
25	HORIZONTAL2	PY	.002	.002	0	0
26	HORIZONTAL1	PY	.003	.003	0	0
27	HORIZONTAL3	PY	.003	.003	0	0
28	DIAGONAL4	PY	.002	.002	0	0
29	DIAGONAL3	PY	.002	.002	0	0
30	DIAGONAL2	PY	.003	.003	0	0
31	DIAGONAL1	PY	.003	.003	0	0
32	DIAGONAL5	PY	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
33	DIAGONAL6	PY	.003	.003	0	0
34	SUPPORT1	PY	.003	.003	0	0
35	SUPPORT2	PY	.003	.003	0	0
36	SUPPORT3	PY	.003	.003	0	0
37	LADDER SUPPORT1	PY	.003	.003	0	0
38	LADDER SUPPORT2	PY	.003	.003	0	0
39	GRATING SUPPORT	PY	.002	.002	0	0
40	RUNNER1	PY	.002	.002	0	0
41	RUNNER2	PY	.002	.002	0	0
42	RUNG1	PY	.000731	.000731	0	0
43	RUNG2	PY	.000731	.000731	0	0
44	RUNG3	PY	.000731	.000731	0	0
45	RUNG4	PY	.000731	.000731	0	0
46	RUNG5	PY	.000731	.000731	0	0
47	RUNG6	PY	.000731	.000731	0	0
48	RUNG7	PY	.000731	.000731	0	0
49	RUNG8	PY	.000731	.000731	0	0
50	RUNG9	PY	.000731	.000731	0	0
51	PLATE1	PY	.000995	.000995	0	0
52	PLATE2	PY	.000995	.000995	0	0
53	PLATE3	PY	.000995	.000995	0	0
54	PLATE4	PY	.000995	.000995	0	0
55	PLATE5	PY	.000995	.000995	0	0
56	PLATE6	PY	.000995	.000995	0	0
57	MP ALPHA1	PY	.002	.002	0	0
58	MP ALPHA2	PY	.002	.002	0	0
59	MP ALPHA3	PY	.002	.002	0	0
60	MP ALPHA4	PY	.002	.002	0	0
61	MP BETA1	PY	.002	.002	0	0
62	MP BETA2	PY	.002	.002	0	0
63	MP BETA3	PY	.002	.002	0	0
64	MP BETA4	PY	.002	.002	0	0
65	MP GAMMA1	PY	.002	.002	0	0
66	MP GAMMA2	PY	.002	.002	0	0
67	MP GAMMA3	PY	.002	.002	0	0
68	MP GAMMA4	PY	.002	.002	0	0
69	FACE4	PX	-.002	-.002	0	0
70	FACE3	PX	-.002	-.002	0	0
71	FACE2	PX	-.003	-.003	0	0
72	FACE1	PX	-.003	-.003	0	0
73	FACE5	PX	-.003	-.003	0	0
74	FACE6	PX	-.003	-.003	0	0
75	MID FACE2	PX	-.002	-.002	0	0
76	MID FACE1	PX	-.003	-.003	0	0
77	MID FACE3	PX	-.003	-.003	0	0
78	RAIL2	PX	-.001	-.001	0	0
79	RAIL1	PX	-.002	-.002	0	0
80	RAIL3	PX	-.002	-.002	0	0
81	FACE VERT5	PX	-.00087	-.00087	0	0
82	FACE VERT6	PX	-.00087	-.00087	0	0
83	FACE VERT7	PX	-.00087	-.00087	0	0
84	FACE VERT8	PX	-.00087	-.00087	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
85	FACE VERT1	PX	-.002	-.002	0	0
86	FACE VERT2	PX	-.002	-.002	0	0
87	FACE VERT3	PX	-.002	-.002	0	0
88	FACE VERT4	PX	-.002	-.002	0	0
89	FACE VERT9	PX	-.002	-.002	0	0
90	FACE VERT10	PX	-.002	-.002	0	0
91	FACE VERT11	PX	-.002	-.002	0	0
92	FACE VERT12	PX	-.002	-.002	0	0
93	HORIZONTAL2	PX	-.00087	-.00087	0	0
94	HORIZONTAL1	PX	-.002	-.002	0	0
95	HORIZONTAL3	PX	-.002	-.002	0	0
96	DIAGONAL4	PX	-.00087	-.00087	0	0
97	DIAGONAL3	PX	-.00087	-.00087	0	0
98	DIAGONAL2	PX	-.002	-.002	0	0
99	DIAGONAL1	PX	-.002	-.002	0	0
100	DIAGONAL5	PX	-.002	-.002	0	0
101	DIAGONAL6	PX	-.002	-.002	0	0
102	SUPPORT1	PX	-.002	-.002	0	0
103	SUPPORT2	PX	-.002	-.002	0	0
104	SUPPORT3	PX	-.002	-.002	0	0
105	LADDER SUPPORT1	PX	-.002	-.002	0	0
106	LADDER SUPPORT2	PX	-.002	-.002	0	0
107	GRATING SUPPORT	PX	-.000924	-.000924	0	0
108	RUNNER1	PX	-.00087	-.00087	0	0
109	RUNNER2	PX	-.00087	-.00087	0	0
110	RUNG1	PX	-.000422	-.000422	0	0
111	RUNG2	PX	-.000422	-.000422	0	0
112	RUNG3	PX	-.000422	-.000422	0	0
113	RUNG4	PX	-.000422	-.000422	0	0
114	RUNG5	PX	-.000422	-.000422	0	0
115	RUNG6	PX	-.000422	-.000422	0	0
116	RUNG7	PX	-.000422	-.000422	0	0
117	RUNG8	PX	-.000422	-.000422	0	0
118	RUNG9	PX	-.000422	-.000422	0	0
119	PLATE1	PX	-.000575	-.000575	0	0
120	PLATE2	PX	-.000575	-.000575	0	0
121	PLATE3	PX	-.000575	-.000575	0	0
122	PLATE4	PX	-.000575	-.000575	0	0
123	PLATE5	PX	-.000575	-.000575	0	0
124	PLATE6	PX	-.000575	-.000575	0	0
125	MP ALPHA1	PX	-.001	-.001	0	0
126	MP ALPHA2	PX	-.001	-.001	0	0
127	MP ALPHA3	PX	-.001	-.001	0	0
128	MP ALPHA4	PX	-.001	-.001	0	0
129	MP BETA1	PX	-.001	-.001	0	0
130	MP BETA2	PX	-.001	-.001	0	0
131	MP BETA3	PX	-.001	-.001	0	0
132	MP BETA4	PX	-.001	-.001	0	0
133	MP GAMMA1	PX	-.001	-.001	0	0
134	MP GAMMA2	PX	-.001	-.001	0	0
135	MP GAMMA3	PX	-.001	-.001	0	0
136	MP GAMMA4	PX	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....	End Magnitude [k/ft, F...	Start Location [ft, %]	End Location [ft, %]
1	FACE4	PY	.003	.003	0	0
2	FACE3	PY	.003	.003	0	0
3	FACE2	PY	.006	.006	0	0
4	FACE1	PY	.006	.006	0	0
5	FACE5	PY	.006	.006	0	0
6	FACE6	PY	.006	.006	0	0
7	MID FACE2	PY	.003	.003	0	0
8	MID FACE1	PY	.006	.006	0	0
9	MID FACE3	PY	.006	.006	0	0
10	RAIL2	PY	.002	.002	0	0
11	RAIL1	PY	.005	.005	0	0
12	RAIL3	PY	.005	.005	0	0
13	FACE VERT5	PY	.002	.002	0	0
14	FACE VERT6	PY	.002	.002	0	0
15	FACE VERT7	PY	.002	.002	0	0
16	FACE VERT8	PY	.002	.002	0	0
17	FACE VERT1	PY	.003	.003	0	0
18	FACE VERT2	PY	.003	.003	0	0
19	FACE VERT3	PY	.003	.003	0	0
20	FACE VERT4	PY	.003	.003	0	0
21	FACE VERT9	PY	.003	.003	0	0
22	FACE VERT10	PY	.003	.003	0	0
23	FACE VERT11	PY	.003	.003	0	0
24	FACE VERT12	PY	.003	.003	0	0
25	HORIZONTAL2	PY	.002	.002	0	0
26	HORIZONTAL1	PY	.003	.003	0	0
27	HORIZONTAL3	PY	.003	.003	0	0
28	DIAGONAL4	PY	.002	.002	0	0
29	DIAGONAL3	PY	.002	.002	0	0
30	DIAGONAL2	PY	.003	.003	0	0
31	DIAGONAL1	PY	.003	.003	0	0
32	DIAGONAL5	PY	.003	.003	0	0
33	DIAGONAL6	PY	.003	.003	0	0
34	SUPPORT1	PY	.003	.003	0	0
35	SUPPORT2	PY	.003	.003	0	0
36	SUPPORT3	PY	.003	.003	0	0
37	LADDER SUPPORT1	PY	.003	.003	0	0
38	LADDER SUPPORT2	PY	.003	.003	0	0
39	GRATING SUPPORT	PY	.002	.002	0	0
40	RUNNER1	PY	.002	.002	0	0
41	RUNNER2	PY	.002	.002	0	0
42	RUNG1	PY	.00844	.00844	0	0
43	RUNG2	PY	.00844	.00844	0	0
44	RUNG3	PY	.00844	.00844	0	0
45	RUNG4	PY	.00844	.00844	0	0
46	RUNG5	PY	.00844	.00844	0	0
47	RUNG6	PY	.00844	.00844	0	0
48	RUNG7	PY	.00844	.00844	0	0
49	RUNG8	PY	.00844	.00844	0	0
50	RUNG9	PY	.00844	.00844	0	0
51	PLATE1	PY	.001	.001	0	0
52	PLATE2	PY	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
53	PLATE3	PY	.001	.001	0	0
54	PLATE4	PY	.001	.001	0	0
55	PLATE5	PY	.001	.001	0	0
56	PLATE6	PY	.001	.001	0	0
57	MP ALPHA1	PY	.003	.003	0	0
58	MP ALPHA2	PY	.003	.003	0	0
59	MP ALPHA3	PY	.003	.003	0	0
60	MP ALPHA4	PY	.003	.003	0	0
61	MP BETA1	PY	.003	.003	0	0
62	MP BETA2	PY	.003	.003	0	0
63	MP BETA3	PY	.003	.003	0	0
64	MP BETA4	PY	.003	.003	0	0
65	MP GAMMA1	PY	.003	.003	0	0
66	MP GAMMA2	PY	.003	.003	0	0
67	MP GAMMA3	PY	.003	.003	0	0
68	MP GAMMA4	PY	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
1	FACE6	PY	.003	.003	0	0
2	FACE5	PY	.003	.003	0	0
3	FACE4	PY	.005	.005	0	0
4	FACE3	PY	.005	.005	0	0
5	FACE2	PY	.005	.005	0	0
6	FACE1	PY	.005	.005	0	0
7	MID FACE3	PY	.003	.003	0	0
8	MID FACE2	PY	.005	.005	0	0
9	MID FACE1	PY	.005	.005	0	0
10	RAIL3	PY	.002	.002	0	0
11	RAIL2	PY	.004	.004	0	0
12	RAIL1	PY	.004	.004	0	0
13	FACE VERT9	PY	.002	.002	0	0
14	FACE VERT10	PY	.002	.002	0	0
15	FACE VERT11	PY	.002	.002	0	0
16	FACE VERT12	PY	.002	.002	0	0
17	FACE VERT5	PY	.003	.003	0	0
18	FACE VERT6	PY	.003	.003	0	0
19	FACE VERT7	PY	.003	.003	0	0
20	FACE VERT8	PY	.003	.003	0	0
21	FACE VERT1	PY	.003	.003	0	0
22	FACE VERT2	PY	.003	.003	0	0
23	FACE VERT3	PY	.003	.003	0	0
24	FACE VERT4	PY	.003	.003	0	0
25	HORIZONTAL3	PY	.002	.002	0	0
26	HORIZONTAL2	PY	.003	.003	0	0
27	HORIZONTAL1	PY	.003	.003	0	0
28	DIAGONAL6	PY	.002	.002	0	0
29	DIAGONAL5	PY	.002	.002	0	0
30	DIAGONAL4	PY	.003	.003	0	0
31	DIAGONAL3	PY	.003	.003	0	0
32	DIAGONAL2	PY	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
33	DIAGONAL1	PY	.003	.003	0	0
34	SUPPORT1	PY	.003	.003	0	0
35	SUPPORT2	PY	.003	.003	0	0
36	SUPPORT3	PY	.003	.003	0	0
37	LADDER SUPPORT1	PY	.003	.003	0	0
38	LADDER SUPPORT2	PY	.003	.003	0	0
39	GRATING SUPPORT	PY	.002	.002	0	0
40	RUNNER1	PY	.002	.002	0	0
41	RUNNER2	PY	.002	.002	0	0
42	RUNG1	PY	.000731	.000731	0	0
43	RUNG2	PY	.000731	.000731	0	0
44	RUNG3	PY	.000731	.000731	0	0
45	RUNG4	PY	.000731	.000731	0	0
46	RUNG5	PY	.000731	.000731	0	0
47	RUNG6	PY	.000731	.000731	0	0
48	RUNG7	PY	.000731	.000731	0	0
49	RUNG8	PY	.000731	.000731	0	0
50	RUNG9	PY	.000731	.000731	0	0
51	PLATE1	PY	.000995	.000995	0	0
52	PLATE2	PY	.000995	.000995	0	0
53	PLATE3	PY	.000995	.000995	0	0
54	PLATE4	PY	.000995	.000995	0	0
55	PLATE5	PY	.000995	.000995	0	0
56	PLATE6	PY	.000995	.000995	0	0
57	MP ALPHA1	PY	.002	.002	0	0
58	MP ALPHA2	PY	.002	.002	0	0
59	MP ALPHA3	PY	.002	.002	0	0
60	MP ALPHA4	PY	.002	.002	0	0
61	MP BETA1	PY	.002	.002	0	0
62	MP BETA2	PY	.002	.002	0	0
63	MP BETA3	PY	.002	.002	0	0
64	MP BETA4	PY	.002	.002	0	0
65	MP GAMMA1	PY	.002	.002	0	0
66	MP GAMMA2	PY	.002	.002	0	0
67	MP GAMMA3	PY	.002	.002	0	0
68	MP GAMMA4	PY	.002	.002	0	0
69	FACE6	PX	.002	.002	0	0
70	FACE5	PX	.002	.002	0	0
71	FACE4	PX	.003	.003	0	0
72	FACE3	PX	.003	.003	0	0
73	FACE2	PX	.003	.003	0	0
74	FACE1	PX	.003	.003	0	0
75	MID FACE3	PX	.002	.002	0	0
76	MID FACE2	PX	.003	.003	0	0
77	MID FACE1	PX	.003	.003	0	0
78	RAIL3	PX	.001	.001	0	0
79	RAIL2	PX	.002	.002	0	0
80	RAIL1	PX	.002	.002	0	0
81	FACE VERT9	PX	.00087	.00087	0	0
82	FACE VERT10	PX	.00087	.00087	0	0
83	FACE VERT11	PX	.00087	.00087	0	0
84	FACE VERT12	PX	.00087	.00087	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
85	FACE VERT5	PX	.002	.002	0	0
86	FACE VERT6	PX	.002	.002	0	0
87	FACE VERT7	PX	.002	.002	0	0
88	FACE VERT8	PX	.002	.002	0	0
89	FACE VERT1	PX	.002	.002	0	0
90	FACE VERT2	PX	.002	.002	0	0
91	FACE VERT3	PX	.002	.002	0	0
92	FACE VERT4	PX	.002	.002	0	0
93	HORIZONTAL3	PX	.0087	.0087	0	0
94	HORIZONTAL2	PX	.002	.002	0	0
95	HORIZONTAL1	PX	.002	.002	0	0
96	DIAGONAL6	PX	.0087	.0087	0	0
97	DIAGONAL5	PX	.0087	.0087	0	0
98	DIAGONAL4	PX	.002	.002	0	0
99	DIAGONAL3	PX	.002	.002	0	0
100	DIAGONAL2	PX	.002	.002	0	0
101	DIAGONAL1	PX	.002	.002	0	0
102	SUPPORT1	PX	.002	.002	0	0
103	SUPPORT2	PX	.002	.002	0	0
104	SUPPORT3	PX	.002	.002	0	0
105	LADDER SUPPORT1	PX	.002	.002	0	0
106	LADDER SUPPORT2	PX	.002	.002	0	0
107	GRATING SUPPORT	PX	.00924	.00924	0	0
108	RUNNER1	PX	.0087	.0087	0	0
109	RUNNER2	PX	.0087	.0087	0	0
110	RUNG1	PX	.00422	.00422	0	0
111	RUNG2	PX	.00422	.00422	0	0
112	RUNG3	PX	.00422	.00422	0	0
113	RUNG4	PX	.00422	.00422	0	0
114	RUNG5	PX	.00422	.00422	0	0
115	RUNG6	PX	.00422	.00422	0	0
116	RUNG7	PX	.00422	.00422	0	0
117	RUNG8	PX	.00422	.00422	0	0
118	RUNG9	PX	.00422	.00422	0	0
119	PLATE1	PX	.00575	.00575	0	0
120	PLATE2	PX	.00575	.00575	0	0
121	PLATE3	PX	.00575	.00575	0	0
122	PLATE4	PX	.00575	.00575	0	0
123	PLATE5	PX	.00575	.00575	0	0
124	PLATE6	PX	.00575	.00575	0	0
125	MP ALPHA1	PX	.001	.001	0	0
126	MP ALPHA2	PX	.001	.001	0	0
127	MP ALPHA3	PX	.001	.001	0	0
128	MP ALPHA4	PX	.001	.001	0	0
129	MP BETA1	PX	.001	.001	0	0
130	MP BETA2	PX	.001	.001	0	0
131	MP BETA3	PX	.001	.001	0	0
132	MP BETA4	PX	.001	.001	0	0
133	MP GAMMA1	PX	.001	.001	0	0
134	MP GAMMA2	PX	.001	.001	0	0
135	MP GAMMA3	PX	.001	.001	0	0
136	MP GAMMA4	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
1	FACE6	PY	.002	.002	0	0
2	FACE5	PY	.002	.002	0	0
3	FACE4	PY	.003	.003	0	0
4	FACE3	PY	.003	.003	0	0
5	FACE2	PY	.003	.003	0	0
6	FACE1	PY	.003	.003	0	0
7	MID FACE3	PY	.002	.002	0	0
8	MID FACE2	PY	.003	.003	0	0
9	MID FACE1	PY	.003	.003	0	0
10	RAIL3	PY	.001	.001	0	0
11	RAIL2	PY	.002	.002	0	0
12	RAIL1	PY	.002	.002	0	0
13	FACE VERT9	PY	.0087	.0087	0	0
14	FACE VERT10	PY	.0087	.0087	0	0
15	FACE VERT11	PY	.0087	.0087	0	0
16	FACE VERT12	PY	.0087	.0087	0	0
17	FACE VERT5	PY	.002	.002	0	0
18	FACE VERT6	PY	.002	.002	0	0
19	FACE VERT7	PY	.002	.002	0	0
20	FACE VERT8	PY	.002	.002	0	0
21	FACE VERT1	PY	.002	.002	0	0
22	FACE VERT2	PY	.002	.002	0	0
23	FACE VERT3	PY	.002	.002	0	0
24	FACE VERT4	PY	.002	.002	0	0
25	HORIZONTAL3	PY	.0087	.0087	0	0
26	HORIZONTAL2	PY	.002	.002	0	0
27	HORIZONTAL1	PY	.002	.002	0	0
28	DIAGONAL6	PY	.0087	.0087	0	0
29	DIAGONAL5	PY	.0087	.0087	0	0
30	DIAGONAL4	PY	.002	.002	0	0
31	DIAGONAL3	PY	.002	.002	0	0
32	DIAGONAL2	PY	.002	.002	0	0
33	DIAGONAL1	PY	.002	.002	0	0
34	SUPPORT1	PY	.002	.002	0	0
35	SUPPORT2	PY	.002	.002	0	0
36	SUPPORT3	PY	.002	.002	0	0
37	LADDER SUPPORT1	PY	.002	.002	0	0
38	LADDER SUPPORT2	PY	.002	.002	0	0
39	GRATING SUPPORT	PY	.00924	.00924	0	0
40	RUNNER1	PY	.0087	.0087	0	0
41	RUNNER2	PY	.0087	.0087	0	0
42	RUNG1	PY	.00422	.00422	0	0
43	RUNG2	PY	.00422	.00422	0	0
44	RUNG3	PY	.00422	.00422	0	0
45	RUNG4	PY	.00422	.00422	0	0
46	RUNG5	PY	.00422	.00422	0	0
47	RUNG6	PY	.00422	.00422	0	0
48	RUNG7	PY	.00422	.00422	0	0
49	RUNG8	PY	.00422	.00422	0	0
50	RUNG9	PY	.00422	.00422	0	0
51	PLATE1	PY	.00575	.00575	0	0
52	PLATE2	PY	.00575	.00575	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
53	PLATE3	PY	.000575	.000575	0	0
54	PLATE4	PY	.000575	.000575	0	0
55	PLATE5	PY	.000575	.000575	0	0
56	PLATE6	PY	.000575	.000575	0	0
57	MP ALPHA1	PY	.001	.001	0	0
58	MP ALPHA2	PY	.001	.001	0	0
59	MP ALPHA3	PY	.001	.001	0	0
60	MP ALPHA4	PY	.001	.001	0	0
61	MP BETA1	PY	.001	.001	0	0
62	MP BETA2	PY	.001	.001	0	0
63	MP BETA3	PY	.001	.001	0	0
64	MP BETA4	PY	.001	.001	0	0
65	MP GAMMA1	PY	.001	.001	0	0
66	MP GAMMA2	PY	.001	.001	0	0
67	MP GAMMA3	PY	.001	.001	0	0
68	MP GAMMA4	PY	.001	.001	0	0
69	FACE6	PX	.003	.003	0	0
70	FACE5	PX	.003	.003	0	0
71	FACE4	PX	.005	.005	0	0
72	FACE3	PX	.005	.005	0	0
73	FACE2	PX	.005	.005	0	0
74	FACE1	PX	.005	.005	0	0
75	MID FACE3	PX	.003	.003	0	0
76	MID FACE2	PX	.005	.005	0	0
77	MID FACE1	PX	.005	.005	0	0
78	RAIL3	PX	.002	.002	0	0
79	RAIL2	PX	.004	.004	0	0
80	RAIL1	PX	.004	.004	0	0
81	FACE VERT9	PX	.002	.002	0	0
82	FACE VERT10	PX	.002	.002	0	0
83	FACE VERT11	PX	.002	.002	0	0
84	FACE VERT12	PX	.002	.002	0	0
85	FACE VERT5	PX	.003	.003	0	0
86	FACE VERT6	PX	.003	.003	0	0
87	FACE VERT7	PX	.003	.003	0	0
88	FACE VERT8	PX	.003	.003	0	0
89	FACE VERT1	PX	.003	.003	0	0
90	FACE VERT2	PX	.003	.003	0	0
91	FACE VERT3	PX	.003	.003	0	0
92	FACE VERT4	PX	.003	.003	0	0
93	HORIZONTAL3	PX	.002	.002	0	0
94	HORIZONTAL2	PX	.003	.003	0	0
95	HORIZONTAL1	PX	.003	.003	0	0
96	DIAGONAL6	PX	.002	.002	0	0
97	DIAGONAL5	PX	.002	.002	0	0
98	DIAGONAL4	PX	.003	.003	0	0
99	DIAGONAL3	PX	.003	.003	0	0
100	DIAGONAL2	PX	.003	.003	0	0
101	DIAGONAL1	PX	.003	.003	0	0
102	SUPPORT1	PX	.003	.003	0	0
103	SUPPORT2	PX	.003	.003	0	0
104	SUPPORT3	PX	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude [k/ft, ...]	End Magnitude [k/ft, F, ...]	Start Location [ft, %]	End Location [ft, %]
105	LADDER SUPPORT1	PX	.003	.003	0	0
106	LADDER SUPPORT2	PX	.003	.003	0	0
107	GRATING SUPPORT	PX	.002	.002	0	0
108	RUNNER1	PX	.002	.002	0	0
109	RUNNER2	PX	.002	.002	0	0
110	RUNG1	PX	.000731	.000731	0	0
111	RUNG2	PX	.000731	.000731	0	0
112	RUNG3	PX	.000731	.000731	0	0
113	RUNG4	PX	.000731	.000731	0	0
114	RUNG5	PX	.000731	.000731	0	0
115	RUNG6	PX	.000731	.000731	0	0
116	RUNG7	PX	.000731	.000731	0	0
117	RUNG8	PX	.000731	.000731	0	0
118	RUNG9	PX	.000731	.000731	0	0
119	PLATE1	PX	.000995	.000995	0	0
120	PLATE2	PX	.000995	.000995	0	0
121	PLATE3	PX	.000995	.000995	0	0
122	PLATE4	PX	.000995	.000995	0	0
123	PLATE5	PX	.000995	.000995	0	0
124	PLATE6	PX	.000995	.000995	0	0
125	MP ALPHA1	PX	.002	.002	0	0
126	MP ALPHA2	PX	.002	.002	0	0
127	MP ALPHA3	PX	.002	.002	0	0
128	MP ALPHA4	PX	.002	.002	0	0
129	MP BETA1	PX	.002	.002	0	0
130	MP BETA2	PX	.002	.002	0	0
131	MP BETA3	PX	.002	.002	0	0
132	MP BETA4	PX	.002	.002	0	0
133	MP GAMMA1	PX	.002	.002	0	0
134	MP GAMMA2	PX	.002	.002	0	0
135	MP GAMMA3	PX	.002	.002	0	0
136	MP GAMMA4	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude [k/ft, ...]	End Magnitude [k/ft, F, ...]	Start Location [ft, %]	End Location [ft, %]
1	FACE6	PX	.003	.003	0	0
2	FACE5	PX	.003	.003	0	0
3	FACE4	PX	.006	.006	0	0
4	FACE3	PX	.006	.006	0	0
5	FACE2	PX	.006	.006	0	0
6	FACE1	PX	.006	.006	0	0
7	MID FACE3	PX	.003	.003	0	0
8	MID FACE2	PX	.006	.006	0	0
9	MID FACE1	PX	.006	.006	0	0
10	RAIL3	PX	.002	.002	0	0
11	RAIL2	PX	.005	.005	0	0
12	RAIL1	PX	.005	.005	0	0
13	FACE VERT9	PX	.002	.002	0	0
14	FACE VERT10	PX	.002	.002	0	0
15	FACE VERT11	PX	.002	.002	0	0
16	FACE VERT12	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
17	FACE VERT5	PX	.003	.003	0	0
18	FACE VERT6	PX	.003	.003	0	0
19	FACE VERT7	PX	.003	.003	0	0
20	FACE VERT8	PX	.003	.003	0	0
21	FACE VERT1	PX	.003	.003	0	0
22	FACE VERT2	PX	.003	.003	0	0
23	FACE VERT3	PX	.003	.003	0	0
24	FACE VERT4	PX	.003	.003	0	0
25	HORIZONTAL3	PX	.002	.002	0	0
26	HORIZONTAL2	PX	.003	.003	0	0
27	HORIZONTAL1	PX	.003	.003	0	0
28	DIAGONAL6	PX	.002	.002	0	0
29	DIAGONAL5	PX	.002	.002	0	0
30	DIAGONAL4	PX	.003	.003	0	0
31	DIAGONAL3	PX	.003	.003	0	0
32	DIAGONAL2	PX	.003	.003	0	0
33	DIAGONAL1	PX	.003	.003	0	0
34	SUPPORT1	PX	.003	.003	0	0
35	SUPPORT2	PX	.003	.003	0	0
36	SUPPORT3	PX	.003	.003	0	0
37	LADDER SUPPORT1	PX	.003	.003	0	0
38	LADDER SUPPORT2	PX	.003	.003	0	0
39	GRATING SUPPORT	PX	.002	.002	0	0
40	RUNNER1	PX	.002	.002	0	0
41	RUNNER2	PX	.002	.002	0	0
42	RUNG1	PX	.000844	.000844	0	0
43	RUNG2	PX	.000844	.000844	0	0
44	RUNG3	PX	.000844	.000844	0	0
45	RUNG4	PX	.000844	.000844	0	0
46	RUNG5	PX	.000844	.000844	0	0
47	RUNG6	PX	.000844	.000844	0	0
48	RUNG7	PX	.000844	.000844	0	0
49	RUNG8	PX	.000844	.000844	0	0
50	RUNG9	PX	.000844	.000844	0	0
51	PLATE1	PX	.001	.001	0	0
52	PLATE2	PX	.001	.001	0	0
53	PLATE3	PX	.001	.001	0	0
54	PLATE4	PX	.001	.001	0	0
55	PLATE5	PX	.001	.001	0	0
56	PLATE6	PX	.001	.001	0	0
57	MP ALPHA1	PX	.003	.003	0	0
58	MP ALPHA2	PX	.003	.003	0	0
59	MP ALPHA3	PX	.003	.003	0	0
60	MP ALPHA4	PX	.003	.003	0	0
61	MP BETA1	PX	.003	.003	0	0
62	MP BETA2	PX	.003	.003	0	0
63	MP BETA3	PX	.003	.003	0	0
64	MP BETA4	PX	.003	.003	0	0
65	MP GAMMA1	PX	.003	.003	0	0
66	MP GAMMA2	PX	.003	.003	0	0
67	MP GAMMA3	PX	.003	.003	0	0
68	MP GAMMA4	PX	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....]	End Magnitude [k/ft, F,...	Start Location [ft, %]	End Location [ft, %]
1	FACE6	PY	-0.02	-0.02	0	0
2	FACE5	PY	-0.02	-0.02	0	0
3	FACE4	PY	-0.03	-0.03	0	0
4	FACE3	PY	-0.03	-0.03	0	0
5	FACE2	PY	-0.03	-0.03	0	0
6	FACE1	PY	-0.03	-0.03	0	0
7	MID FACE3	PY	-0.02	-0.02	0	0
8	MID FACE2	PY	-0.03	-0.03	0	0
9	MID FACE1	PY	-0.03	-0.03	0	0
10	RAIL3	PY	-0.01	-0.01	0	0
11	RAIL2	PY	-0.02	-0.02	0	0
12	RAIL1	PY	-0.02	-0.02	0	0
13	FACE VERT9	PY	-0.0087	-0.0087	0	0
14	FACE VERT10	PY	-0.0087	-0.0087	0	0
15	FACE VERT11	PY	-0.0087	-0.0087	0	0
16	FACE VERT12	PY	-0.0087	-0.0087	0	0
17	FACE VERT5	PY	-0.02	-0.02	0	0
18	FACE VERT6	PY	-0.02	-0.02	0	0
19	FACE VERT7	PY	-0.02	-0.02	0	0
20	FACE VERT8	PY	-0.02	-0.02	0	0
21	FACE VERT1	PY	-0.02	-0.02	0	0
22	FACE VERT2	PY	-0.02	-0.02	0	0
23	FACE VERT3	PY	-0.02	-0.02	0	0
24	FACE VERT4	PY	-0.02	-0.02	0	0
25	HORIZONTAL3	PY	-0.0087	-0.0087	0	0
26	HORIZONTAL2	PY	-0.02	-0.02	0	0
27	HORIZONTAL1	PY	-0.02	-0.02	0	0
28	DIAGONAL6	PY	-0.0087	-0.0087	0	0
29	DIAGONAL5	PY	-0.0087	-0.0087	0	0
30	DIAGONAL4	PY	-0.02	-0.02	0	0
31	DIAGONAL3	PY	-0.02	-0.02	0	0
32	DIAGONAL2	PY	-0.02	-0.02	0	0
33	DIAGONAL1	PY	-0.02	-0.02	0	0
34	SUPPORT1	PY	-0.02	-0.02	0	0
35	SUPPORT2	PY	-0.02	-0.02	0	0
36	SUPPORT3	PY	-0.02	-0.02	0	0
37	LADDER SUPPORT1	PY	-0.02	-0.02	0	0
38	LADDER SUPPORT2	PY	-0.02	-0.02	0	0
39	GRATING SUPPORT	PY	-0.00924	-0.00924	0	0
40	RUNNER1	PY	-0.0087	-0.0087	0	0
41	RUNNER2	PY	-0.0087	-0.0087	0	0
42	RUNG1	PY	-0.00422	-0.00422	0	0
43	RUNG2	PY	-0.00422	-0.00422	0	0
44	RUNG3	PY	-0.00422	-0.00422	0	0
45	RUNG4	PY	-0.00422	-0.00422	0	0
46	RUNG5	PY	-0.00422	-0.00422	0	0
47	RUNG6	PY	-0.00422	-0.00422	0	0
48	RUNG7	PY	-0.00422	-0.00422	0	0
49	RUNG8	PY	-0.00422	-0.00422	0	0
50	RUNG9	PY	-0.00422	-0.00422	0	0
51	PLATE1	PY	-0.00575	-0.00575	0	0
52	PLATE2	PY	-0.00575	-0.00575	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location [ft, %]	End Location [ft, %]
53	PLATE3	PY	-.000575	-.000575	0	0
54	PLATE4	PY	-.000575	-.000575	0	0
55	PLATE5	PY	-.000575	-.000575	0	0
56	PLATE6	PY	-.000575	-.000575	0	0
57	MP ALPHA1	PY	-.001	-.001	0	0
58	MP ALPHA2	PY	-.001	-.001	0	0
59	MP ALPHA3	PY	-.001	-.001	0	0
60	MP ALPHA4	PY	-.001	-.001	0	0
61	MP BETA1	PY	-.001	-.001	0	0
62	MP BETA2	PY	-.001	-.001	0	0
63	MP BETA3	PY	-.001	-.001	0	0
64	MP BETA4	PY	-.001	-.001	0	0
65	MP GAMMA1	PY	-.001	-.001	0	0
66	MP GAMMA2	PY	-.001	-.001	0	0
67	MP GAMMA3	PY	-.001	-.001	0	0
68	MP GAMMA4	PY	-.001	-.001	0	0
69	FACE6	PX	.003	.003	0	0
70	FACE5	PX	.003	.003	0	0
71	FACE4	PX	.005	.005	0	0
72	FACE3	PX	.005	.005	0	0
73	FACE2	PX	.005	.005	0	0
74	FACE1	PX	.005	.005	0	0
75	MID FACE3	PX	.003	.003	0	0
76	MID FACE2	PX	.005	.005	0	0
77	MID FACE1	PX	.005	.005	0	0
78	RAIL3	PX	.002	.002	0	0
79	RAIL2	PX	.004	.004	0	0
80	RAIL1	PX	.004	.004	0	0
81	FACE VERT9	PX	.002	.002	0	0
82	FACE VERT10	PX	.002	.002	0	0
83	FACE VERT11	PX	.002	.002	0	0
84	FACE VERT12	PX	.002	.002	0	0
85	FACE VERT5	PX	.003	.003	0	0
86	FACE VERT6	PX	.003	.003	0	0
87	FACE VERT7	PX	.003	.003	0	0
88	FACE VERT8	PX	.003	.003	0	0
89	FACE VERT1	PX	.003	.003	0	0
90	FACE VERT2	PX	.003	.003	0	0
91	FACE VERT3	PX	.003	.003	0	0
92	FACE VERT4	PX	.003	.003	0	0
93	HORIZONTAL3	PX	.002	.002	0	0
94	HORIZONTAL2	PX	.003	.003	0	0
95	HORIZONTAL1	PX	.003	.003	0	0
96	DIAGONAL6	PX	.002	.002	0	0
97	DIAGONAL5	PX	.002	.002	0	0
98	DIAGONAL4	PX	.003	.003	0	0
99	DIAGONAL3	PX	.003	.003	0	0
100	DIAGONAL2	PX	.003	.003	0	0
101	DIAGONAL1	PX	.003	.003	0	0
102	SUPPORT1	PX	.003	.003	0	0
103	SUPPORT2	PX	.003	.003	0	0
104	SUPPORT3	PX	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude [k/ft, ...]	End Magnitude [k/ft, F, ...]	Start Location [ft, %]	End Location [ft, %]
105	LADDER SUPPORT1	PX	.003	.003	0	0
106	LADDER SUPPORT2	PX	.003	.003	0	0
107	GRATING SUPPORT	PX	.002	.002	0	0
108	RUNNER1	PX	.002	.002	0	0
109	RUNNER2	PX	.002	.002	0	0
110	RUNG1	PX	.000731	.000731	0	0
111	RUNG2	PX	.000731	.000731	0	0
112	RUNG3	PX	.000731	.000731	0	0
113	RUNG4	PX	.000731	.000731	0	0
114	RUNG5	PX	.000731	.000731	0	0
115	RUNG6	PX	.000731	.000731	0	0
116	RUNG7	PX	.000731	.000731	0	0
117	RUNG8	PX	.000731	.000731	0	0
118	RUNG9	PX	.000731	.000731	0	0
119	PLATE1	PX	.000995	.000995	0	0
120	PLATE2	PX	.000995	.000995	0	0
121	PLATE3	PX	.000995	.000995	0	0
122	PLATE4	PX	.000995	.000995	0	0
123	PLATE5	PX	.000995	.000995	0	0
124	PLATE6	PX	.000995	.000995	0	0
125	MP ALPHA1	PX	.002	.002	0	0
126	MP ALPHA2	PX	.002	.002	0	0
127	MP ALPHA3	PX	.002	.002	0	0
128	MP ALPHA4	PX	.002	.002	0	0
129	MP BETA1	PX	.002	.002	0	0
130	MP BETA2	PX	.002	.002	0	0
131	MP BETA3	PX	.002	.002	0	0
132	MP BETA4	PX	.002	.002	0	0
133	MP GAMMA1	PX	.002	.002	0	0
134	MP GAMMA2	PX	.002	.002	0	0
135	MP GAMMA3	PX	.002	.002	0	0
136	MP GAMMA4	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude [k/ft, ...]	End Magnitude [k/ft, F, ...]	Start Location [ft, %]	End Location [ft, %]
1	FACE1	PY	-.003	-.003	0	0
2	FACE2	PY	-.003	-.003	0	0
3	FACE3	PY	-.005	-.005	0	0
4	FACE4	PY	-.005	-.005	0	0
5	FACE5	PY	-.005	-.005	0	0
6	FACE6	PY	-.005	-.005	0	0
7	MID FACE1	PY	-.003	-.003	0	0
8	MID FACE2	PY	-.005	-.005	0	0
9	MID FACE3	PY	-.005	-.005	0	0
10	RAIL1	PY	-.002	-.002	0	0
11	RAIL2	PY	-.004	-.004	0	0
12	RAIL3	PY	-.004	-.004	0	0
13	FACE VERT1	PY	-.002	-.002	0	0
14	FACE VERT2	PY	-.002	-.002	0	0
15	FACE VERT3	PY	-.002	-.002	0	0
16	FACE VERT4	PY	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
17	FACE VERT5	PY	-.003	-.003	0	0
18	FACE VERT6	PY	-.003	-.003	0	0
19	FACE VERT7	PY	-.003	-.003	0	0
20	FACE VERT8	PY	-.003	-.003	0	0
21	FACE VERT9	PY	-.003	-.003	0	0
22	FACE VERT10	PY	-.003	-.003	0	0
23	FACE VERT11	PY	-.003	-.003	0	0
24	FACE VERT12	PY	-.003	-.003	0	0
25	HORIZONTAL1	PY	-.002	-.002	0	0
26	HORIZONTAL2	PY	-.003	-.003	0	0
27	HORIZONTAL3	PY	-.003	-.003	0	0
28	DIAGONAL1	PY	-.002	-.002	0	0
29	DIAGONAL2	PY	-.002	-.002	0	0
30	DIAGONAL3	PY	-.003	-.003	0	0
31	DIAGONAL4	PY	-.003	-.003	0	0
32	DIAGONAL5	PY	-.003	-.003	0	0
33	DIAGONAL6	PY	-.003	-.003	0	0
34	SUPPORT1	PY	-.003	-.003	0	0
35	SUPPORT2	PY	-.003	-.003	0	0
36	SUPPORT3	PY	-.003	-.003	0	0
37	LADDER SUPPORT1	PY	-.003	-.003	0	0
38	LADDER SUPPORT2	PY	-.003	-.003	0	0
39	GRATING SUPPORT	PY	-.002	-.002	0	0
40	RUNNER1	PY	-.002	-.002	0	0
41	RUNNER2	PY	-.002	-.002	0	0
42	RUNG1	PY	-.000731	-.000731	0	0
43	RUNG2	PY	-.000731	-.000731	0	0
44	RUNG3	PY	-.000731	-.000731	0	0
45	RUNG4	PY	-.000731	-.000731	0	0
46	RUNG5	PY	-.000731	-.000731	0	0
47	RUNG6	PY	-.000731	-.000731	0	0
48	RUNG7	PY	-.000731	-.000731	0	0
49	RUNG8	PY	-.000731	-.000731	0	0
50	RUNG9	PY	-.000731	-.000731	0	0
51	PLATE1	PY	-.000995	-.000995	0	0
52	PLATE2	PY	-.000995	-.000995	0	0
53	PLATE3	PY	-.000995	-.000995	0	0
54	PLATE4	PY	-.000995	-.000995	0	0
55	PLATE5	PY	-.000995	-.000995	0	0
56	PLATE6	PY	-.000995	-.000995	0	0
57	MP ALPHA1	PY	-.002	-.002	0	0
58	MP ALPHA2	PY	-.002	-.002	0	0
59	MP ALPHA3	PY	-.002	-.002	0	0
60	MP ALPHA4	PY	-.002	-.002	0	0
61	MP BETA1	PY	-.002	-.002	0	0
62	MP BETA2	PY	-.002	-.002	0	0
63	MP BETA3	PY	-.002	-.002	0	0
64	MP BETA4	PY	-.002	-.002	0	0
65	MP GAMMA1	PY	-.002	-.002	0	0
66	MP GAMMA2	PY	-.002	-.002	0	0
67	MP GAMMA3	PY	-.002	-.002	0	0
68	MP GAMMA4	PY	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude [k/ft,....	End Magnitude [k/ft, F...	Start Location [ft, %]	End Location [ft, %]
69	FACE1	PX	.002	.002	0	0
70	FACE2	PX	.002	.002	0	0
71	FACE3	PX	.003	.003	0	0
72	FACE4	PX	.003	.003	0	0
73	FACE5	PX	.003	.003	0	0
74	FACE6	PX	.003	.003	0	0
75	MID FACE1	PX	.002	.002	0	0
76	MID FACE2	PX	.003	.003	0	0
77	MID FACE3	PX	.003	.003	0	0
78	RAIL1	PX	.001	.001	0	0
79	RAIL2	PX	.002	.002	0	0
80	RAIL3	PX	.002	.002	0	0
81	FACE VERT1	PX	.0087	.0087	0	0
82	FACE VERT2	PX	.0087	.0087	0	0
83	FACE VERT3	PX	.0087	.0087	0	0
84	FACE VERT4	PX	.0087	.0087	0	0
85	FACE VERT5	PX	.002	.002	0	0
86	FACE VERT6	PX	.002	.002	0	0
87	FACE VERT7	PX	.002	.002	0	0
88	FACE VERT8	PX	.002	.002	0	0
89	FACE VERT9	PX	.002	.002	0	0
90	FACE VERT10	PX	.002	.002	0	0
91	FACE VERT11	PX	.002	.002	0	0
92	FACE VERT12	PX	.002	.002	0	0
93	HORIZONTAL1	PX	.0087	.0087	0	0
94	HORIZONTAL2	PX	.002	.002	0	0
95	HORIZONTAL3	PX	.002	.002	0	0
96	DIAGONAL1	PX	.0087	.0087	0	0
97	DIAGONAL2	PX	.0087	.0087	0	0
98	DIAGONAL3	PX	.002	.002	0	0
99	DIAGONAL4	PX	.002	.002	0	0
100	DIAGONAL5	PX	.002	.002	0	0
101	DIAGONAL6	PX	.002	.002	0	0
102	SUPPORT1	PX	.002	.002	0	0
103	SUPPORT2	PX	.002	.002	0	0
104	SUPPORT3	PX	.002	.002	0	0
105	LADDER SUPPORT1	PX	.002	.002	0	0
106	LADDER SUPPORT2	PX	.002	.002	0	0
107	GRATING SUPPORT	PX	.00924	.00924	0	0
108	RUNNER1	PX	.0087	.0087	0	0
109	RUNNER2	PX	.0087	.0087	0	0
110	RUNG1	PX	.00422	.00422	0	0
111	RUNG2	PX	.00422	.00422	0	0
112	RUNG3	PX	.00422	.00422	0	0
113	RUNG4	PX	.00422	.00422	0	0
114	RUNG5	PX	.00422	.00422	0	0
115	RUNG6	PX	.00422	.00422	0	0
116	RUNG7	PX	.00422	.00422	0	0
117	RUNG8	PX	.00422	.00422	0	0
118	RUNG9	PX	.00422	.00422	0	0
119	PLATE1	PX	.00575	.00575	0	0
120	PLATE2	PX	.00575	.00575	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location [ft, %]	End Location[ft, %]
121	PLATE3	PX	.000575	.000575	0	0
122	PLATE4	PX	.000575	.000575	0	0
123	PLATE5	PX	.000575	.000575	0	0
124	PLATE6	PX	.000575	.000575	0	0
125	MP ALPHA1	PX	.001	.001	0	0
126	MP ALPHA2	PX	.001	.001	0	0
127	MP ALPHA3	PX	.001	.001	0	0
128	MP ALPHA4	PX	.001	.001	0	0
129	MP BETA1	PX	.001	.001	0	0
130	MP BETA2	PX	.001	.001	0	0
131	MP BETA3	PX	.001	.001	0	0
132	MP BETA4	PX	.001	.001	0	0
133	MP GAMMA1	PX	.001	.001	0	0
134	MP GAMMA2	PX	.001	.001	0	0
135	MP GAMMA3	PX	.001	.001	0	0
136	MP GAMMA4	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location [ft, %]	End Location[ft, %]
1	FACE1	Z	-.0002965	-.006	0	1.067
2	FACE1	Z	-.006	-.009	1.067	2.133
3	FACE1	Z	-.009	-.008	2.133	3.2
4	FACE1	Z	-.008	-.006	3.2	4.267
5	FACE4	Z	-.003	-.011	1.067	2.133
6	FACE4	Z	-.011	-.011	2.133	3.2
7	FACE4	Z	-.011	-.005	3.2	4.267
8	FACE4	Z	-.005	-.0006231	4.267	5.333
9	PLATE1	Z	-.003	-.003	0	.667
10	SUPPORT1	Z	-.012	-.009	0	2.457
11	SUPPORT1	Z	-.009	-.006	2.457	4.913
12	FACE2	Z	-.006	-.008	1.067	2.133
13	FACE2	Z	-.008	-.009	2.133	3.2
14	FACE2	Z	-.009	-.006	3.2	4.267
15	FACE2	Z	-.006	-.0002961	4.267	5.333
16	FACE5	Z	-.0006241	-.005	0	1.067
17	FACE5	Z	-.005	-.011	1.067	2.133
18	FACE5	Z	-.011	-.011	2.133	3.2
19	FACE5	Z	-.011	-.003	3.2	4.267
20	PLATE3	Z	-.003	-.003	0	.667
21	SUPPORT3	Z	-.006	-.009	0	2.457
22	SUPPORT3	Z	-.009	-.011	2.457	4.913
23	FACE6	Z	-.007	-.007	1.672	2.672
24	GRATING SUPPORT	Z	-.008	-.008	.831	1.755
25	SUPPORT2	Z	-.009	-.009	2.458	4.645
26	FACE6	Z	-.002	-.007	2.133	3.2
27	FACE6	Z	-.007	-.005	3.2	4.267
28	FACE6	Z	-.005	-.0006117	4.267	5.333
29	FACE3	Z	-.0004312	-.004	0	1.067
30	FACE3	Z	-.004	-.005	1.067	2.133
31	FACE3	Z	-.005	-.002	2.133	3.2
32	LADDER SUPPORT2	Z	-.005	-.005	.804	2.063

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
33	PLATE2	Z	-0.002	-0.002	0	.667
34	FACE3	Z	-.0004017	-0.002	2.667	4
35	FACE3	Z	-0.002	-0.003	4	5.333
36	LADDER SUPPORT1	Z	-0.003	-0.002	.176	1.755

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

	Member Label	Direction	Start Magnitude[k/ft,....	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	FACE1	Z	-.0004151	-0.008	0	1.067
2	FACE1	Z	-0.008	-0.013	1.067	2.133
3	FACE1	Z	-0.013	-0.011	2.133	3.2
4	FACE1	Z	-0.011	-0.008	3.2	4.267
5	FACE4	Z	-0.004	-0.015	1.067	2.133
6	FACE4	Z	-0.015	-0.016	2.133	3.2
7	FACE4	Z	-0.016	-0.007	3.2	4.267
8	FACE4	Z	-0.007	-.0008723	4.267	5.333
9	PLATE1	Z	-0.004	-0.004	0	.667
10	SUPPORT1	Z	-0.016	-0.012	0	2.457
11	SUPPORT1	Z	-0.012	-0.009	2.457	4.913
12	FACE2	Z	-0.008	-0.011	1.067	2.133
13	FACE2	Z	-0.011	-0.013	2.133	3.2
14	FACE2	Z	-0.013	-0.008	3.2	4.267
15	FACE2	Z	-0.008	-.0004145	4.267	5.333
16	FACE5	Z	-.0008737	-0.007	0	1.067
17	FACE5	Z	-0.007	-0.016	1.067	2.133
18	FACE5	Z	-0.016	-0.015	2.133	3.2
19	FACE5	Z	-0.015	-0.004	3.2	4.267
20	PLATE3	Z	-0.004	-0.004	0	.667
21	SUPPORT3	Z	-0.009	-0.012	0	2.457
22	SUPPORT3	Z	-0.012	-0.016	2.457	4.913
23	FACE6	Z	-0.01	-0.01	1.672	2.672
24	GRATING SUPPORT	Z	-0.011	-0.011	.831	1.755
25	SUPPORT2	Z	-0.013	-0.013	2.458	4.645
26	FACE6	Z	-0.003	-0.009	2.133	3.2
27	FACE6	Z	-0.009	-0.008	3.2	4.267
28	FACE6	Z	-0.008	-.0008563	4.267	5.333
29	FACE3	Z	-.0006037	-0.006	0	1.067
30	FACE3	Z	-0.006	-0.008	1.067	2.133
31	FACE3	Z	-0.008	-0.003	2.133	3.2
32	LADDER SUPPORT2	Z	-0.007	-0.007	.804	2.063
33	PLATE2	Z	-0.003	-0.003	0	.667
34	FACE3	Z	-.0006091	-0.003	2.667	4
35	FACE3	Z	-0.003	-0.004	4	5.333
36	LADDER SUPPORT1	Z	-0.005	-0.003	.176	1.755

Member Area Loads (BLC 3 : Dead Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N30	N40	N41	N31	Z	Two Way	-.01
2	N51	N50	N60	N61	Z	Two Way	-.01
3	N14	N13	N21	N10	Z	Two Way	-.01
4	N11	N10	N71	N70	Z	Two Way	-.01

Member Area Loads (BLC 3 : Dead Load) (Continued)

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
5	N20	N12	N11	Z	Two Way	-.01

Member Area Loads (BLC 27 : Ice Dead Load)

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N30	N40	N31	Z	Two Way	-.014
2	N51	N50	N61	Z	Two Way	-.014
3	N14	N13	N10	Z	Two Way	-.014
4	N11	N10	N71	Z	Two Way	-.014
5	N20	N12	N11	Z	Two Way	-.014

Basic Load Cases

BLC Description	Category	X Grav... Y Grav... Z Gravi...	Joint	Point	Distrib...	Area(M...Surfac...
1 Live Load	DL			1		
2 Wind Load (0)	DL			35	68	
3 Dead Load	DL		-1.1	35		5
4 Wind Load (30)	DL			70	136	
5 Wind Load (60)	DL			70	136	
6 Wind Load (90)	DL			35	68	
7 Wind Load (120)	DL			70	136	
8 Wind Load (150)	DL			70	136	
9 Wind Load (180)	DL			35	68	
10 Wind Load (210)	DL			70	136	
11 Wind Load (240)	DL			70	136	
12 Wind Load (270)	DL			35	68	
13 Wind Load (300)	DL			70	136	
14 Wind Load (330)	DL			70	136	
15 Maintenance (0)	DL			35	68	
16 Maintenance (30)	DL			70	136	
17 Maintenance (60)	DL			70	136	
18 Maintenance (90)	DL			35	68	
19 Maintenance (120)	DL			70	136	
20 Maintenance (150)	DL			70	136	
21 Maintenance (180)	DL			35	68	
22 Maintenance (210)	DL			70	136	
23 Maintenance (240)	DL			70	136	
24 Maintenance (270)	DL			35	68	
25 Maintenance (300)	DL			70	136	
26 Maintenance (330)	DL			70	136	
27 Ice Dead Load	DL			35	68	5
28 Ice Wind Load (0)	DL			35	68	
29 Ice Wind Load (30)	DL			70	136	
30 Ice Wind Load (60)	DL			70	136	
31 Ice Wind Load (90)	DL			35	68	
32 Ice Wind Load (120)	DL			70	136	
33 Ice Wind Load (150)	DL			70	136	
34 Ice Wind Load (180)	DL			35	68	
35 Ice Wind Load (210)	DL			70	136	
36 Ice Wind Load (240)	DL			70	136	
37 Ice Wind Load (270)	DL			35	68	
38 Ice Wind Load (300)	DL			70	136	



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Checked By:

Basic Load Cases (Continued)

BLC Description		Category	X Grav...	Y Grav...	Z Gravi...	Joint	Point	Distrib...	Area (M... Surfac...
39	Ice Wind Load (330)	DL					70	136	
40	Earthquake (x-direction)	DL		-.142			35		
41	Earthquake (y-direction)	DL			-.142		35		
42	Earthquake (z-direction)	DL					35		
43	BLC 3 Transient Area Loads	None			-.057			36	
44	BLC 27 Transient Area Loads	None						36	

Load Combinations

[illegible]

Envelope Joint Reactions

Joint	X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N179	max	2.774	8	.756	2	5.751	3	0	41	0	41
2		min	-2.801	26	-.941	20	-.579	20	0	1	0	1
3	N176	max	2.588	26	1.495	26	-1.113	26	0	41	0	41
4		min	-2.571	8	-1.485	8	-5.677	9	0	1	0	1
5	N178	max	.575	8	1.592	8	4.017	17	0	41	0	41
6		min	-.565	26	-1.51	26	-1.316	35	0	1	0	1
7	N175	max	1.93	11	2.565	2	5.784	12	0	41	0	41
8		min	-2.03	29	-2.39	20	-.115	29	0	1	0	1
9	N13	max	.083	14	1.501	20	-1.24	2	0	41	0	41
10		min	-.078	32	-1.543	2	-5.787	21	0	1	0	1
11	N174	max	.823	14	1.913	35	4.371	26	0	41	0	41
12		min	-.734	32	-2.002	14	-1.364	8	0	1	0	1
13	N183	max	1.706	11	1.519	35	4.697	26	0	41	0	41
14		min	-1.503	29	-1.598	14	-.98	8	0	1	0	1
15	N180	max	2.823	32	1.696	14	-.675	14	0	41	0	41
16		min	-2.937	14	-1.631	29	-5.236	33	0	1	0	1
17	N182	max	2.729	11	.322	32	4.255	2	0	41	0	41
18		min	-2.747	29	-.381	17	-1.267	20	0	1	0	1
19	Totals:	max	5.007	11	5.103	2	8.097	12				
20		min	-5.007	29	-5.289	20	3.806	29				

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

Member	Shape	Code C...	Loc[ft]	LC	Shear...	Loc[ft]	DirLC	phi*Pnc...	phi*Pnt...	phi*Mn...	phi*Mn...	Cb	Eqn		
1	FACE VERT6	L1.75x1.7...	.805	0	9	.229	0	Z	11	14.658	26.325	.513	1.177	3...	H2-1
2	FACE VERT7	L1.75x1.7...	.674	0	17	.274	0	Y	17	14.658	26.325	.513	1.177	4...	H2-1
3	FACE VERT10	L1.75x1.7...	.626	0	20	.281	0	Z	23	14.658	26.325	.513	1.177	4...	H2-1
4	SUPPORT1	C5X6.7	.616	2.047	8	.225	2.098	Y	3	29.64	63.828	1.604	9.585	1...	H1-1b
5	FACE VERT2	L1.75x1.7...	.589	0	32	.281	0	Z	35	14.658	26.325	.513	1.177	4...	H2-1
6	FACE VERT3	L1.75x1.7...	.583	0	5	.252	0	Y	5	14.658	26.325	.513	1.177	4...	H2-1
7	FACE VERT11	L1.75x1.7...	.560	0	29	.199	0	Y	29	14.658	26.325	.513	1.177	4...	H2-1
8	FACE2	C5X6.7	.536	.389	26	.115	.444	Z	23	25.852	63.828	1.604	9.585	1...	H1-1b
9	FACE1	C5X6.7	.525	4.944	8	.150	4.889	Y	18	25.852	63.828	1.604	9.585	3...	H1-1b
10	FACE3	C5X6.7	.524	3.889	9	.165	3.833	Z	33	25.852	63.828	1.604	9.585	2...	H1-1b
11	SUPPORT3	C5X6.7	.520	2.866	32	.200	2.098	Y	26	29.64	63.828	1.604	9.585	1...	H1-1b
12	SUPPORT2	C5X6.7	.477	2.047	20	.241	2.457	Y	12	29.64	63.828	1.604	9.585	1...	H1-1b
13	FACE6	C5X6.7	.394	.389	14	.123	.444	Y	12	25.852	63.828	1.604	9.585	1...	H1-1b
14	LADDER SUPPOR...	C5X6.7	.364	0	17	.088	1.443	Z	18	48.979	63.828	1.604	9.585	1...	H1-1b
15	DIAGONAL4	L1.75x1.7...	.349	0	17	.008	4.38	Z	8	7.742	26.325	.513	1.118	1...	H2-1
16	FACE5	C5X6.7	.349	4.944	35	.136	3.833	Y	8	25.852	63.828	1.604	9.585	2...	H1-1b
17	MID FACE1	C5X6.7	.346	1.25	26	.052	.625	Z	11	60.736	63.828	1.604	9.585	1...	H1-1b
18	DIAGONAL5	L1.75x1.7...	.326	0	23	.005	0	Y	35	7.742	26.325	.513	1.106	1...	H2-1
19	DIAGONAL3	L1.75x1.7...	.326	0	11	.006	0	Y	20	7.742	26.325	.513	1.1	1...	H2-1
20	DIAGONAL2	L1.75x1.7...	.324	0	5	.006	4.38	Y	20	7.742	26.325	.513	1.123	1...	H2-1
21	DIAGONAL1	L1.75x1.7...	.308	0	35	.005	4.38	Y	9	7.742	26.325	.513	1.095	1...	H2-1
22	DIAGONAL6	L1.75x1.7...	.304	0	29	.006	4.38	Y	8	7.742	26.325	.513	1.136	1...	H2-1
23	MID FACE2	C5X6.7	.290	0	11	.058	0	Y	8	60.736	63.828	1.604	9.585	1...	H1-1b
24	FACE4	C5X6.7	.259	.389	2	.120	.444	Y	33	25.852	63.828	1.604	9.585	2...	H1-1b
25	MID FACE3	C5X6.7	.252	1.25	14	.033	1.25	Z	35	60.736	63.828	1.604	9.585	1...	H1-1b
26	LADDER SUPPOR...	C5X6.7	.249	0	8	.082	.366	V	11	57.877	63.828	1.604	9.585	1...	H1-1b

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear...	Loc[ft]	DirL	Cphi*	Pnc...	Cphi*	Pnt...	Cphi*	Mn	..phi*	Mn	..Cb	Egn
27	RAIL 1	L3X3X6	.220	3.348	20	.060	10.9...	Y	8	9.096	68.364	2.307	4.665	1...	H2-1			
28	RAIL2	L3X3X6	.201	10.622	5	.088	.115	Y	30	9.096	68.364	2.307	4.844	1...	H2-1			
29	MP BETA3	PIPE 2.0	.200	2.153	14	.078	2.222		32	18.857	32.13	1.872	1.872	1...	H1-1b			
30	MP GAMMA3	PIPE 2.0	.200	2.153	8	.108	2.222		8	18.857	32.13	1.872	1.872	2...	H1-1b			
31	MP ALPHA3	PIPE 2.0	.200	2.153	2	.116	2.222		20	18.857	32.13	1.872	1.872	2...	H1-1b			
32	RAIL3	L3X3X6	.198	3.348	8	.065	10.9...	Y	32	9.096	68.364	2.307	4.709	1...	H2-1			
33	MP BETA4	PIPE 2.0	.195	2.153	14	.113	2.222		32	18.857	32.13	1.872	1.872	2...	H1-1b			
34	MP ALPHA4	PIPE 2.0	.195	2.153	2	.065	2.222		17	18.857	32.13	1.872	1.872	2...	H1-1b			
35	MP GAMMA4	PIPE 2.0	.195	2.153	26	.065	2.222		8	18.857	32.13	1.872	1.872	2...	H1-1b			
36	FACE VERT5	L1.75x1.7...	.148	0	24	.019	0	Y	29	14.658	26.325	.513	1.177	2...	H2-1			
37	GRATING SUPPO...	L2x2x6	.139	0	32	.023	0	Y	11	37.949	44.388	.925	2.142	1...	H2-1			
38	HORIZONTAL2	L1.75x1.7...	.132	4.208	6	.007	4.208	Y	8	8.387	26.325	.513	1.177	2...	H2-1			
39	RUNNER2	L1.75x1.7...	.114	5.932	11	.022	6.198	Z	2	2.056	26.325	.513	1.078	2...	H2-1			
40	PLATE5	10x0.375	.108	.771	32	.052	.771	Y	14	82.726	121.5	.949	25.313	1...	H1-1b			
41	RUNNER1	L1.75x1.7...	.107	5.932	11	.031	6.021	Y	2	2.056	26.325	.513	1.074	2...	H2-1			
42	FACE VERT1	L1.75x1.7...	.105	3	20	.010	0	Y	17	14.658	26.325	.513	1.177	2...	H2-1			
43	FACE VERT9	L1.75x1.7...	.105	3	8	.010	0	Y	5	14.658	26.325	.513	1.177	2...	H2-1			
44	PLATE6	10x0.375	.083	.771	8	.040	.771	Y	26	82.726	121.5	.949	25.313	1...	H1-1b			
45	PLATE4	10x0.375	.083	.771	20	.040	.771	Y	20	82.726	121.5	.949	25.313	1...	H1-1b			
46	HORIZONTAL3	L1.75x1.7...	.076	4.208	14	.008	4.208	Y	17	8.387	26.325	.513	1.177	2...	H2-1			
47	FACE VERT8	L1.75x1.7...	.073	3	17	.009	3	Y	32	14.658	26.325	.513	1.171	1...	H2-1			
48	FACE VERT12	L1.75x1.7...	.069	0	27	.016	0	Z	32	14.658	26.325	.513	1.177	1...	H2-1			
49	FACE VERT4	L1.75x1.7...	.068	3	8	.009	3	Y	23	14.658	26.325	.513	1.177	1...	H2-1			
50	HORIZONTAL1	L1.75x1.7...	.068	4.208	26	.009	4.208	Y	29	8.387	26.325	.513	1.177	2...	H2-1			
51	RUNG4	SR 5/8	.062	0	20	.008	1		2	7.287	9.94	.104	.104	2...	H1-1b			
52	RUNG5	SR 5/8	.060	0	20	.009	1		2	7.287	9.94	.104	.104	1...	H1-1b			
53	RUNG3	SR 5/8	.055	0	20	.006	1		2	7.287	9.94	.104	.104	2...	H1-1b			
54	PLATE2	10x0.375	.052	.667	29	.024	0	Y	27	91.141	121.5	.949	25.313	1...	H1-1b			
55	MP GAMMA1	PIPE 2.0	.050	2.222	8	.084	2.222		29	18.857	32.13	1.872	1.872	2...	H1-1b			
56	MP BETA2	PIPE 2.0	.047	2.222	23	.074	2.222		32	18.857	32.13	1.872	1.872	2...	H1-1b			
57	RUNG2	SR 5/8	.045	0	20	.003	1		35	7.287	9.94	.104	.104	2...	H1-1b			
58	RUNG6	SR 5/8	.045	0	20	.007	1		35	7.287	9.94	.104	.104	2...	H1-1b			
59	MP ALPHA1	PIPE 2.0	.044	2.222	23	.058	2.222		23	18.857	32.13	1.872	1.872	2...	H1-1b			
60	MP BETA1	PIPE 2.0	.043	2.222	35	.056	2.222		17	18.857	32.13	1.872	1.872	2...	H1-1b			
61	MP GAMMA2	PIPE 2.0	.041	2.222	32	.058	2.222		26	18.857	32.13	1.872	1.872	2...	H1-1b			
62	RUNG1	SR 5/8	.037	0	20	.003	0		20	7.287	9.94	.104	.104	1	H1-1b			
63	MP ALPHA2	PIPE 2.0	.036	2.222	14	.079	2.222		20	18.857	32.13	1.872	1.872	2...	H1-1b			
64	PLATE3	10x0.375	.028	.667	5	.010	.667	Y	5	91.141	121.5	.949	25.313	2...	H1-1b			
65	RUNG7	SR 5/8	.028	0	2	.006	0		26	7.287	9.94	.104	.104	2...	H1-1b*			
66	PLATE1	10x0.375	.025	.667	17	.010	.667	Y	20	91.141	121.5	.949	25.313	2...	H1-1b			
67	RUNG8	SR 5/8	.013	0	3	.006	1		23	7.287	9.94	.104	.104	1...	H1-1b			
68	RUNG9	SR 5/8	.011	0	3	.005	1		23	7.287	9.94	.104	.104	2...	H1-1b			

APPENDIX D

Additional Calculations



POD Job #
Site Number
Site Name

20-64947
800515
CT CHESTER CAC 800515

Reactions from RISA-3D

Moment	6.087 ft-kip
Axial	3.806 kips
Shear	5.289 kips

Ratings	
Flange Bolts	2.2%
Flange Plate	15.5%

Flange Bolt Information

Number of Bolts	12
Diameter	1 in
Grade	A325
Bolt Circle	36.5 in
Threads Included	Yes

Pole Information

Shaft Diam. (Upper) =	62 in
Thickness (Upper) =	0 in
# of Sides (Upper) =	Round
Fy (Upper) =	42 ksi

Shaft Diam. (Lower) =	26.5 in
Thickness (Lower) =	0 in
# of Sides (Lower) =	Round
Fy (Lower) =	42 ksi

Upper Flange Plate

Location =	Internal
Plate Strength (Fy) =	36 ksi
Plate Tensile (Fu) =	58 ksi
Plate Thickness =	1 in
Hole Diameter =	34 in

Upper Stiffeners

Configuration =	None
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Lower Flange Plate

Location =	External
Plate Strength (Fy) =	36 ksi
Plate Tensile (Fu) =	58 ksi
Plate Thickness =	1 in
Outer Diameter =	39 in

Lower Stiffeners

Configuration =	None
-----------------	------

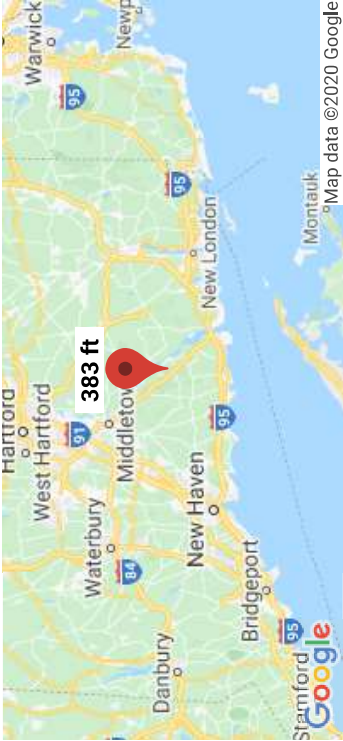
APPENDIX E

Wind Speed Documentation



Search Information

Coordinates: 41.403869, -72.47245
Elevation: 383 ft
Timestamp: 2020-06-05T17:39:09.601Z
Hazard Type: Wind



ASCE 7-16

MRI 10-Year ----- 75 mph
MRI 25-Year ----- 85 mph
MRI 50-Year ----- 94 mph
MRI 100-Year ----- 100 mph
Risk Category I ----- 113 mph
Risk Category II ----- 123 mph
Risk Category III ----- **▲ 132 mph**
If the structure under consideration is a healthcare facility and you are also within 1 mile of the coastal mean high water line, you are in a wind-borne debris region. If other occupancy, use the Risk Category II basic wind speed contours to determine if you are in a wind-borne debris region.
Risk Category IV ----- **▲ 136 mph**
You are in a wind-borne debris region if you are also within 1 mile of the coastal mean high water line.

ASCE 7-10

MRI 10-Year ----- 78 mph
MRI 25-Year ----- 88 mph
MRI 50-Year ----- 96 mph
MRI 100-Year ----- 105 mph
Risk Category I ----- 119 mph
Risk Category II ----- **▲ 130 mph**
You are in a wind-borne debris region if you are also within 1 mile of the coastal mean high water line.
Risk Category III-IV ----- **▲ 140 mph**
If the structure under consideration is a healthcare facility and you are also within 1 mile of the coastal mean high water line, you are in a wind-borne debris region. If other occupancy, use the Risk Category II basic wind speed contours to determine if you are in a wind-borne debris region.

ASCE 7-05

ASCE 7-05 Wind Speed ----- **▲ 113 mph**
You are in a wind-borne debris region if you are also within 1 mile of the coastal mean high water line.

The results indicated here DO NOT reflect any state or local amendments to the values or any delineation lines made during the building code adoption process. Users should confirm any output obtained from this tool with the local Authority Having Jurisdiction before proceeding with design.

Disclaimer

Hazard loads are interpolated from data provided in ASCE 7 and rounded up to the nearest whole integer. Per ASCE 7, islands and coastal areas outside the last contour should use the last wind speed contour of the coastal area – in some cases, this website will extrapolate past the last wind speed contour and therefore, provide a wind speed that is slightly higher. NOTE: For queries near wind-borne debris region boundaries, the resulting determination is sensitive to rounding which may affect whether or not it is considered to be within a wind-borne debris region.

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

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Exhibit F

Power Density/RF Emissions Report

Fullerton Engineering Consultants, LLC.

RF Engineering & Consultant Services

Radio Frequency Emissions Analysis Report

AT&T Existing Facility

Site ID: CTL02179

Project Type: AT&T LTE 4C

Chester_Wig Hill Rd
49 Wig Hill Road
Chester, CT 06412

July 7, 2020

Fullerton Project Number: 2020.0182.0001

Site Compliance Summary	
Compliance Status:	COMPLIANT
Site total MPE% of FCC general population allowable limit:	27.92 %

Fullerton Engineering Consultants, LLC.

RF Engineering & Consultant Services

July 7, 2020

Crown Castle on Behalf of AT&T
Attn: Anne Marie Zsamba, Site Acquisition Specialist
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

Emissions Analysis for Site: **CTL02179 – Chester_Wig Hill Rd**

Fullerton Engineering Consultants, LLC (“Fullerton”) was directed to analyze the proposed upgrades to the AT&T facility located at **49 Wig Hill Road, Chester, CT**, for the purpose of determining whether the emissions from the proposed AT&T antenna installation located on this property are within specified federal limits.

All information used in this report was analyzed as a percentage of current Maximum Permissible Exposure (% MPE) as listed in the FCC OET Bulletin 65 Edition 97-01 and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). The number of $\mu\text{W}/\text{cm}^2$ calculated at each sample point is called the power density. The exposure limit for power density varies depending upon the frequencies being utilized. Wireless Carriers and Paging Services use different frequency bands each with different exposure limits, therefore it is necessary to report results and limits in terms of percent MPE rather than power density.

All results were compared to the FCC (Federal Communications Commission) radio frequency exposure rules, 47 CFR 1.1307(b)(1) – (b)(3), to determine compliance with the Maximum Permissible Exposure (MPE) limits for General Population/Uncontrolled environments as defined below.

General population/uncontrolled exposure limits apply to situations in which the general population may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general population would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Population exposure to radio frequencies is regulated and enforced in units of microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). The general population exposure limits for the 700 MHz & 850 MHz bands are approximately $467 \mu\text{W}/\text{cm}^2$ and $567 \mu\text{W}/\text{cm}^2$ respectively. The general population exposure limit for the 1900 MHz (PCS) and 2100 MHz (AWS) bands is $1000 \mu\text{W}/\text{cm}^2$. Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report percent of MPE rather than power density.

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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.

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CALCULATIONS

Calculations were performed for the proposed upgrades to the AT&T antenna facility located at **49 Wig Hill Road, Chester, CT**, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. Since AT&T 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, 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	850 MHz	4	40
LTE	700 MHz (Band 14)	4	40
LTE	1900 MHz (PCS)	4	40
LTE	700 MHz	4	40
LTE	2100 MHz (AWS)	4	40

Table 1: Channel Data Table

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The following antennas listed in *Table 2* were used in the modeling for transmission in the 700 MHz, 850 MHz, 1900 MHz (PCS) and 2100 MHz (AWS) 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 manufacturers supplied specifications, minus 10 dB for directional panel antennas, 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	Powerwave 7770	132
A	2	CCI DMP65R-BU6D	132
A	3	CCI TPA65R-BU6D	132
B	1	Powerwave 7770	132
B	2	CCI DMP65R-BU6D	132
B	3	CCI TPA65R-BU6D	132
C	1	Powerwave 7770	132
C	2	CCI DMP65R-BU6D	132
C	3	CCI TPA65R-BU6D	132

Table 2: Antenna Data

All calculations were done with respect to uncontrolled / general population threshold limits.

Cable losses were factored in the calculations for this site. For each **700 MHz** Remote Radio Unit (RRU) radio there was **0.18 dB** of cable loss calculated into the system gains / losses for this site. For each **850 MHz** Remote Radio Unit (RRU) radio there was **0.20 dB** of cable loss calculated into the system gains / losses for this site. For each **1900 MHz** Remote Radio Unit (RRU) radio there was **0.32 dB** of cable loss calculated into the system gains / losses for this site. For each **2100 MHz** Remote Radio Unit (RRU) radio there was **0.34 dB** of cable loss calculated into the system gains / losses for this site. These values were calculated based upon the manufacturers specifications for **10 feet** of **1/2"** coax.

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RESULTS

Per the calculations completed for the proposed AT&T 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	Powerwave 7770	850 MHz	11.4	4	160	2,109.21	0.84
Antenna A2	CCI DMP65R-BU6D	700 MHz / 1900 MHz (PCS)	11.85 / 15.55	8	320	7,685.10	2.35
Antenna A3	CCI TPA65R-BU6D	700 MHz / 2100 MHz (AWS)	12.35 / 16.25	8	320	8,876.13	2.69
Sector A Composite MPE%							
Antenna B1	Powerwave 7770	850 MHz	11.4	4	160	2,109.21	0.84
Antenna B2	CCI DMP65R-BU6D	700 MHz / 1900 MHz (PCS)	11.85 / 15.55	8	320	7,685.10	2.35
Antenna B3	CCI TPA65R-BU6D	700 MHz / 2100 MHz (AWS)	12.35 / 16.25	8	320	8,876.13	2.69
Sector B Composite MPE%							
Antenna C1	Powerwave 7770	850 MHz	11.4	4	160	2,109.21	0.84
Antenna C2	CCI DMP65R-BU6D	700 MHz / 1900 MHz (PCS)	11.85 / 15.55	8	320	7,685.10	2.35
Antenna C3	CCI TPA65R-BU6D	700 MHz / 2100 MHz (AWS)	12.35 / 16.25	8	320	8,876.13	2.69
Sector C Composite MPE%							
5.88							

Table 3: AT&T Emissions Levels

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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 AT&T 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, all three sectors have the same configuration yielding the same results on all three sectors. *Table 5* below shows a summary for each AT&T Sector as well as the composite MPE value for the site.

Site Composite MPE%	
Carrier	MPE%
AT&T – Max Per Sector Value	5.88 %
T-Mobile	4.18 %
Verizon Wireless	14.79 %
Sprint	2.66 %
VSECI	0.41 %
Site Total MPE %:	27.92 %

Table 4: All Carrier MPE Contributions

AT&T Sector A Total:	5.88 %
AT&T Sector B Total:	5.88 %
AT&T Sector C Total:	5.88 %
Site Total:	27.92 %

Table 5: Site MPE Summary

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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 AT&T sector(s). For this site, all three sectors have the same configuration yielding the same results on all three sectors.

AT&T_Frequency Band / Technology Max Power Values (Per Sector)	# Channels	Watts ERP (Per Channel)	Height (feet)	Total Power Density ($\mu\text{W}/\text{cm}^2$)	Frequency (MHz)	Allowable MPE ($\mu\text{W}/\text{cm}^2$)	Calculated % MPE
AT&T 850 MHz LTE	4	527.30	132	4.78	850 MHz	567	0.84%
AT&T 700 MHz LTE (Band 14)	4	587.57	132	5.32	700 MHz	467	1.14%
AT&T 1900 MHz (PCS) LTE	4	1,333.71	132	12.08	1900 MHz (PCS)	1000	1.21%
AT&T 700 MHz LTE	4	659.26	132	5.97	700 MHz	467	1.28%
AT&T 2100 MHz (AWS) LTE	4	1,559.77	132	14.13	2100 MHz (AWS)	1000	1.41%
Total:							5.88%

Table 6: AT&T Maximum Sector MPE Power Values

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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 AT&T 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:

AT&T Sector	Power Density Value (%)
Sector A:	5.88 %
Sector B:	5.88 %
Sector C:	5.88 %
AT&T Maximum Total (per sector):	5.88 %
Site Total:	27.92 %
Site Compliance Status:	COMPLIANT

The anticipated composite MPE value for this site assuming all carriers present is **27.92 %** 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.



Scott Heffernan
VP RF Engineering
Fullerton Engineering Consultants, LLC
1100 E. Woodfield Road, Suite 500
Schaumburg, IL 60173