NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

Northeast Site Solutions
Denise Sabo
4 Angela's Way, Burlington CT 06013
203-435-3640
denise@northeastsitesolutions.com

March 30, 2021

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

RE: Exempt Modification Application
1 Public Works Drive, East Hampton CT 06424
Latitude: 41.564761111
Longitude: -72.54310556
T-Mobile Site#: 876368_ Crown_ATT

Dear Ms. Bachman:

AT&T is requesting to file an exempt modification for an existing tower located at 1 Public Works Drive, East Hampton CT. AT&T currently maintains nine (9) antennas at the 168-foot level of the existing 180-foot tower. The property is owned by the Town of East Hampton, and the tower is owned by Crown Castle. AT&T now intends to replace three (3) existing antenna with three (3) new 700/850 MHz antenna, and add three (3) new 700/2100 MHz antenna. The new antennas would be installed at the 168-foot level of the tower. This modification includes B2, B5, and B12 hardware that is both 4G (LTE), and **5G**NR capable through remote software configuration and either or both may be turned on or off at various times.

AT&T Planned Modifications:
Remove: NONE

Remove and Replace:
(3) AMX-CD-1665-OOT RET– Antenna (REMOVE) - (3) CCI-DMP65R-BU8DA Antenna 700/850 MHz (REPLACE)
(3) RRUS 11 B12 (REMOVE) - (3) RRH 4449 B5/B12 (REPLACE)

Install New:
(3) OPA65R-BU6BA Antenna 700/2100 MHz
(1) Raycap Surge Suppressor
(3) RHH 4478 B14
(3) RRUS 32-B66
(1) Flex Conduit
(2) 3/4" DC Cables

Existing to Remain:
(3) Powerwave 7770 Antenna 850 MHz
(2) 3/8" Fiber Lines
(12) 1-5/8" Coax
(4) 3/4" DC Cables

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(3) RRUS 32-B2
(3) RRUS 32-30
(2) Raycap Surge Suppressor
(6) TMA – LPG- 21401
(3) Quintel QS66512-2 Antenna 1900/2300 MHz
(3) Powerwave 7770 Antenna 850 MHZ
(3) Kaelus DBC0061F1V51-2
(6) Powerwave 7020 RET

Ground Work:
(1) New Flex 12 Cabinet
(1) Fiber Management Box
Upgrade Existing Purcell Cabinet (Internally)

This facility was approved by the CT Siting Council. Per the attached Docket No. 229 – Dated November 21, 2002. Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies§ 16- SOj-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.SA. § 16-SOj-73, a copy of this letter is being sent to David Cox, Town Manager, Elected Official and Jeremy DeCarli, Planning & Zoning Officer for the Town of East Hampton, as well as the property owner and the tower owner.

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

1. The proposed modifications will not result in an increase in the height of the existing structure.

2. The proposed modifications will not require the extension of the site boundary.

3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. The existing structure and its foundation can support the proposed loading.

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

NORTHEAST SITE SOLUTIONS
Turnkey Wireless Development

Sincerely,

Denise Sabo
Mobile: 203-435-3640
Fax: 413-521-0558
Office: 4 Angela's Way, Burlington CT 06013
Email: denise@northeastsitesolutions.com

Attachments cc:

David Cox, Town Manager
Town of East Hampton
1 Community Drive, East Hampton CT 06424

Jeremy DeCarli, Planning & Zoning Officer
Town of East Hampton
1 Community Drive, East Hampton CT 06424

Kelly Bilodeau, Town Clerk
Town of East Hampton
1 Community Drive, East Hampton CT 06424

Crown Castle – Tower Owner

Exhibit A

DOCKET NO. 229 – Sprint Spectrum, L. P. application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a cellular telecommunications facility at Public Works Drive, East Hampton, Connecticut.	}	Connecticut
	}	Siting
	}	Council
	}	November 21, 2002

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 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 Sprint Spectrum L. P. (Sprint) for the construction, maintenance and operation of a wireless telecommunications facility at the proposed site located at 1 Public Works Drive in East Hampton, Connecticut.

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

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

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be submitted to and approved by the Council prior to the commencement of facility construction and shall include:

    a. a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment building, security fence, access road, utility line, and landscaping;
    b. a schedule for the removal of the 100-foot town tower; and
    c. construction plans for site clearing, water drainage, and erosion and sedimentation control consistent with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

3. Site preparation and construction activities shall occur during the time period of October 31 through March 31 to reduce potential impacts to populations of the state endangered eastern timber rattlesnake *(Crotalus horridus)*.

4. The Certificate Holder shall transfer the town's communication equipment from the 100-foot town tower to the approved facility within 30 days of completion of the approved facility. The 100-foot town tower shall be dismantled within 60-days of completion of the approved facility.

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

6. 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.
7. 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.
8. If the facility does not initially provide, or permanently ceases to provide wireless 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.
9. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and ceases to function.
10. Unless otherwise approved by the Council, this Decision and Order shall be void if the facility authorized herein is not operational within one year of the effective date of this Decision and Order or within one year 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, Rivereast News Bulletin, and the Middletown Press.

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**
Sprint Spectrum, L.P. d/b/a Sprint PCS	Thomas J. Regan, Esquire Brown Rudnick Berlack Israels LLP

CityPlace I, 38th Floor
185 Asylum Street
Hartford, CT 06103-3402
(860) 509-6522

Intervenor

AT&T Wireless PCS, LLC
d/b/a AT&T Wireless

Its Representative

Christopher B. Fisher
Cuddy & Feder & Worby
90 Maple Avenue
White Plains, NY 10601
(914) 761-1300

Exhibit B

1 PUBLIC WORKS DR

Location	1 PUBLIC WORKS DR	**Mblu**	06/ 5A/ 8B/ /
Acct#	R20105	**Owner**	EAST HAMPTON TOWN OF
Assessment	$503,270	**Appraisal**	$718,970
PID	6068	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$591,130	$127,840	$718,970

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$413,790	$89,480	$503,270

Owner of Record

Owner	EAST HAMPTON TOWN OF
Co-Owner	NEW TOWN GARAGE
Address	20 EAST HIGH ST EAST HAMPTON, CT 06424

Sale Price	$0
Certificate	
Book & Page	0185/0180
Sale Date	01/01/1900
Instrument	29

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
EAST HAMPTON TOWN OF	$0		0185/0180	29	01/01/1900

Building Information

Building 1 : Section 1

Year Built:	1988
Living Area:	2,460
Replacement Cost:	$433,867
Building Percent Good:	78
Replacement Cost Less Depreciation:	$338,420

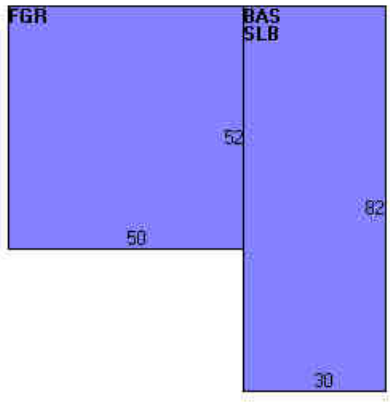
Building Attributes

Field	Description
Style:	Other Municip
Model	Commercial
Grade	C
Stories:	1
Occupancy	1.00
Exterior Wall 1	Minimum
Exterior Wall 2	
Roof Structure	Gable
Roof Cover	Metal/Tin
Interior Wall 1	Drywall
Interior Wall 2	
Interior Floor 1	Vinyl/Asphalt
Interior Floor 2	
Heating Fuel	Oil
Heating Type	Forced Air
AC Type	Partial
Struct Class	
Bldg Use	Mun Garage
Sprinkler Type	0
Sprinkler %	0
Mezzanine Fin.	0
Mezanine Unf.	
1st Floor Use:	201
Heat/AC	Heat/AC Split
Frame Type	Steel
Baths/Plumbing	Average
Ceiling/Walls	Ceil & Wall
Rooms/Prtns	Average
Wall Height	12.00
% Comn Wall	

Building Photo

(http://images.vgsi.com/photos/EastHamptonCTPhotos//00\00\51\06.JPG)

Building Layout



(http://images.vgsi.com/photos/EastHamptonCTPhotos//Sketches/6068_60

Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	2,460	2,460
FGR	Garage	2,600	0
SLB	Slab	2,460	0
		7,520	2,460

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Land Line Valuation

Use Code	931	**Size (Acres)**	6.43
Description	Mun Garage	**Frontage**	
Zone	R-2S	**Depth**	
Neighborhood	COM	**Assessed Value**	$89,480
Alt Land Appr	No	**Appraised Value**	$127,840
Category			

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
BRN1	Barn 1 Story	MT	Metal	6000.00 S.F.	$144,000	1
PAV1	Paving Asph.			34000.00 S.F.	$40,800	1
SHD1	Shed	MT	Metal	300.00 S.F.	$2,250	1
SLT	Salt Shed			2304.00 SF	$65,660	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$591,130	$292,190	$883,320
2020	$604,140	$292,190	$896,330
2020	$604,140	$292,190	$896,330
2019	$604,140	$292,190	$896,330

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$413,790	$204,530	$618,320
2020	$422,900	$204,530	$627,430
2020	$422,900	$204,530	$627,430
2019	$422,900	$204,530	$627,430

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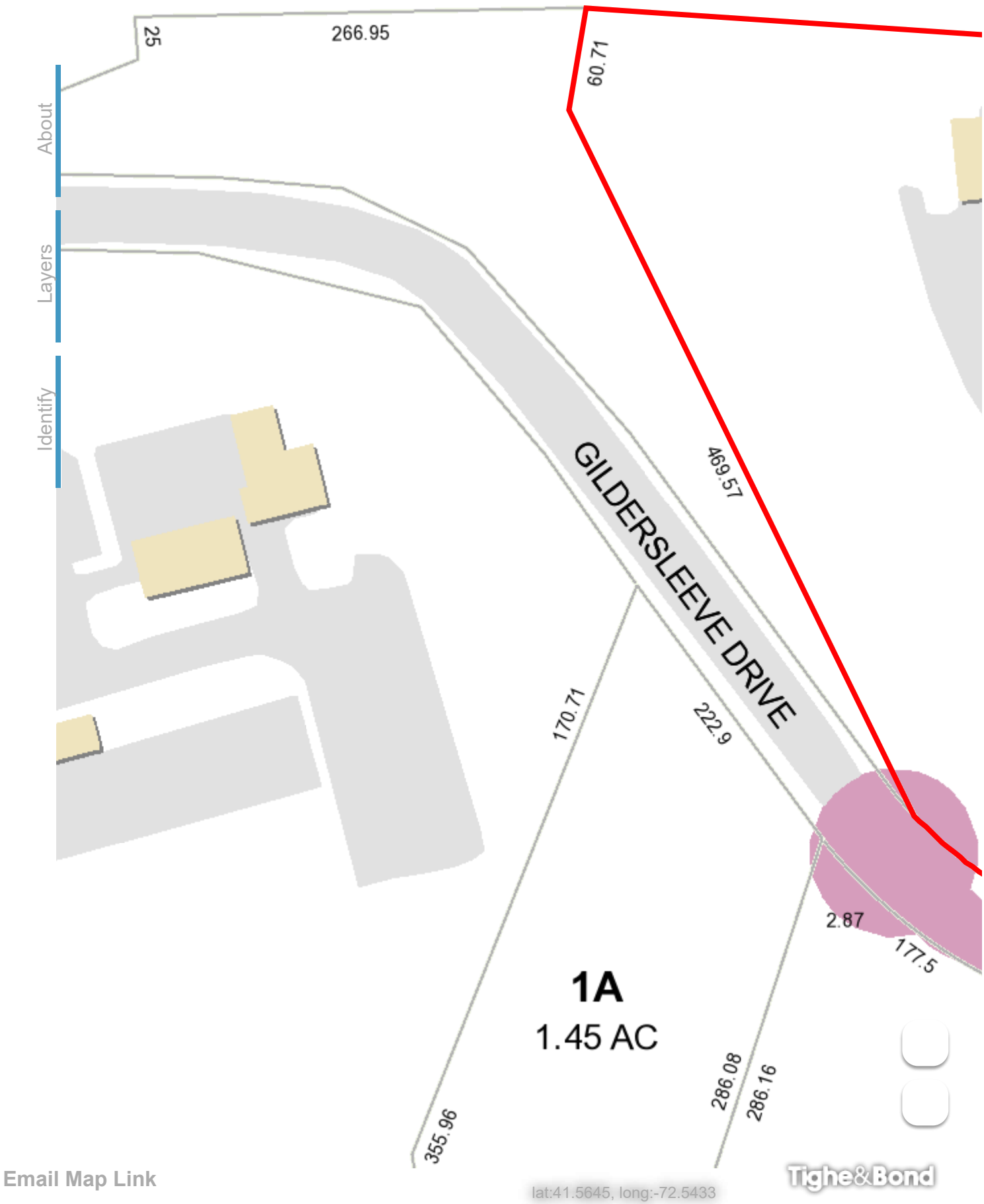
1 PUBLIC WORKS



Email Map Link

lat:41.5645, long:-72.5433

Tighe&Bond

Copy ar aste the following string into an email to link to the current map view:

Close

Print Map

Size:

Scale: 1" = ft. Title:

Close Print

lat:41.5645, long:-72.5433

Exhibit C

AT&T

AT&T SITE NUMBER:	**CTL05838**
AT&T SITE NAME:	**EAST HAMPTON CENTRAL**
AT&T FA CODE:	**10071008**
AT&T PACE NUMBER:	MRCTB048910, MRCTB048919, MRCTB048902, MRCTB048893
AT&T PROJECT:	LTE 4C/5C/4TX4RX/5G NR UPGRADE
BUSINESS UNIT #:	**876368**
SITE ADDRESS:	1 PUBLIC WORKS DRIVE EAST HAMPTON, CT 06424
COUNTY:	**MIDDLESEX**
SITE TYPE:	**MONOPOLE**
TOWER HEIGHT:	**180'-0"**

SITE INFORMATION

CROWN CASTLE USA INC. SITE NAME:	YANKEE LAKEEAST HAMPTONTOWN
SITE ADDRESS:	1 PUBLIC WORKS DRIVE EAST HAMPTON, CT 06424
COUNTY:	M IDDLESEX
MAP/PARCEL #:	06-5A-8B
AREA OF CONSTRUCTION:	EXISTING
LATITUDE:	41° 33' 53.14" (41.56476111)
LONGITUDE:	72° 32' 35.18" (-72.54310556)
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	377' (AMSL)
CURRENT ZONING:	R-2
JURISDICTION:	TOWN OF EAST HAMPTON
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	IIB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	TOWN OF EAST HAMPTON & SPRINT SPECTRUM LP PROPTY TAX PO BOX 8430 (CT33XC018) KANSAS CITY, MO 64114
TOWER OWNER:	CROWN CASTLE USA INC. 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) 286-2000
TELCO PROVIDER:	AT&T (800) 288-2020

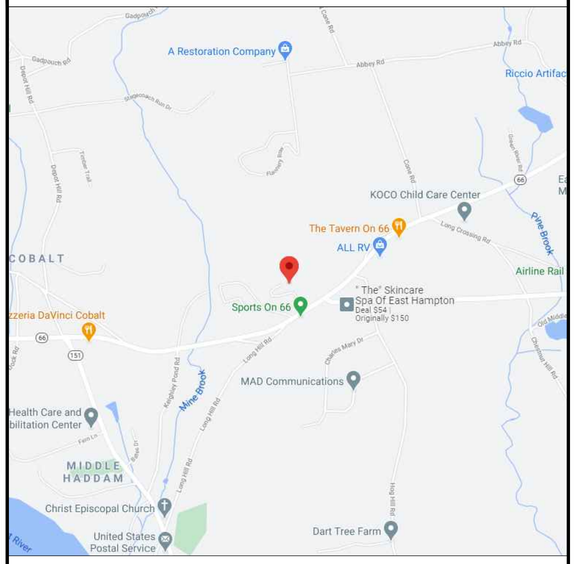
DRAWING INDEX

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 MOUNTING DETAILS
C-5	EQUIPMENT SPECS
G-1	GROUNDING SCHEMATIC
G-2	GROUNDING DETAILS
ATTACHED	PLUMBING DIAGRAMS

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 22x34. 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.

CALL CONNECTICUT ONE CALL
(800) 922-4455 CBYD.COM
CALL 2 WORKING DAYS
BEFORE YOU DIG!

LOCATION MAP



NO SCALE

SITE PHOTO

PROJECT TEAM

A&E FIRM:	TOWER ENGINEERING PROFESSIONALS 326 TRYON ROAD RALEIGH, NC 27603
	BRITTON S. ENGLAND - PROJECT MANAGER (919) 661-6351
	GRAHAM M. ANDRES - CIVIL ENGINEER (919) 661-6351
	GRAHAM M. ANDRES - ELECTRICAL ENGINEER (919) 661-6351
CROWN CASTLE USA INC. DISTRICT CONTACTS:	1200 MACARTHUR BLVD, SUITE 200 MAHWAH, NJ 07430
	NICHOLAS ROMBACH - A&E SPECIALIST (502) 318-1303

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

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 (3) RRUS-11 B12 RADIOS POSITION 4
- REMOVE (3) KMW AM-X-CD-16-65-00T-RET ANTENNAS
- INSTALL (3) RRUS 4449 B5/B12
- INSTALL (3) RRUS-32 B66A
- INSTALL (3) RRUS 4478 B14
- INSTALL (3) CCI DMP65R-BU6DA POSITION 4 ALL SECTORS
- INSTALL(3) CCI OPA65R-BU6BA POSITION 3 ALL SECTORS
- INSTALL (1) DC6 SQUID
- INSTALL (2) #6AWG DC POWER TRUNKS
- INSTALL (3) Y CABLES ON DUAL BAND RRHS

GROUND SCOPE OF WORK:
- REMOVE GSM CABINET AND INSTALL NEW FLX12 CABINET
- INSTALL (1) 6630 BASEBAND
- INSTALL (1) IDLE CABLE
- INSTALL (1) 19" DISTRIBUTION SHELF
- INSTALL (12) VERTIV UP-CONVERTERS
- INSTALL (1) PROPOSED FLEX 16 DOOR UPGRADE KIT
- INSTALL (1) PROPOSED DC12
- INSTALL (1) PROPOSED FIBER MANAGEMENT BOX

NOTE:
THE POWER DESIGN FOR ANY AC ELECTRICAL POWER CHANGES IS TO BE PERFORMED BY OTHERS AND IS SHOWN HERE FOR REFERENCE PURPOSES ONLY. AT&T IS SOLELY RESPONSIBLE FOR THE ELECTRICAL POWER DESIGN.

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	2015 INTERNATIONAL BUILDING CODE
MECHANICAL	2015 INTERNATIONAL MECHANICAL CODE
ELECTRICAL	2017 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	BY CROWN CASTLE
DATED:	12/11/2020
MOUNT ANALYSIS:	BY POD GROUP
DATED:	12/07/2020
AC ELECTRICAL POWER DESIGN:	BY OTHERS
DATED:	
RFDS REVISION:	2.00
DATED:	10/28/2020
ORDER ID:	528756
REVISION:	1

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

CROWN CASTLE
1200 MACARTHUR BLVD, SUITE 200
MAHWAH, NJ 07430

TOWER ENGINEERING PROFESSIONALS
326 TRYON RD
RALEIGH, NC 27603
(919) 661-6351

TEP JOB #: 218229.479065

AT&T SITE NUMBER:
CTL05838

BU #: **876368**
YANKEE LAKEAST HAMPTONTOWN

1 PUBLIC WORKS DRIVE
EAST HAMPTON, CT 06424
(MIDDLESEX COUNTY)

EXISTING 180' MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	01/13/21	BSE	PRELIMINARY	JTC
B	01/25/21	BSE	PRELIMINARY	JTC
C	02/12/21	BSE	PRELIMINARY	JTC
0	03/09/21	BSE	CONSTRUCTION	JTC
1	03/12/21	BSE	CONSTRUCTION	JTC

GRAHAM M. ANDRES
STATE OF CONNECTICUT
29538
LICENSED
PROFESSIONAL ENGINEER

03/12/21

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: 1

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 800–788–7011 & 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 OR FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY COMPONENTS OF THE CLIMBING FACILITY ON 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 IMPEDE/BLOCK ITS INTENDED USE. ANY COMPROMISED SAFETY CLIMB, 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 ONSITE 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 ANY APPLICABLE INDUSTRY CONSENSUS 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 CED–STD–10253, INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION, TO CERTIFY THE SUPPORTING STRUCTURE(S) IN ACCORDANCE WITH ANSI/TIA–322 (LATEST EDITION).
5. ALL SITE WORK TO COMPLY WITH QAS–STD–10068 "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE," CED–STD–10294 "STANDARD FOR INSTALLATION OF MOUNTS AND APPURTENANCES," AND LATEST VERSION OF ANSI/TIA–1019–A–2012 "STANDARD FOR INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS."
6. IF 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 ANY SUCH CHANGE OF 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 LAWS, ORDINANCES, 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 PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. 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 INDICATED 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, RUBBISH, 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 REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED 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 A 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.

GENERAL NOTES:

1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:
CONTRACTOR: GENERAL CONTRACTOR RESPONSIBLE FOR CONSTRUCTION
CARRIER: AT&T
TOWER OWNER: CROWN CASTLE USA INC.
2. THESE DRAWINGS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE ENGINEERS IN THIS OR SIMILAR LOCALITIES. IT IS ASSUMED THAT THE WORK DEPICTED WILL BE PERFORMED BY AN EXPERIENCED CONTRACTOR AND/OR WORKPEOPLE WHO HAVE A WORKING KNOWLEDGE OF THE APPLICABLE CODE STANDARDS AND REQUIREMENTS AND OF INDUSTRY ACCEPTED STANDARD GOOD PRACTICE. AS NOT EVERY CONDITION OR ELEMENT IS (OR CAN BE) EXPLICITLY SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE FOR MISCELLANEOUS WORK NOT EXPLICITLY SHOWN.
3. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY FOR PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, FORMWORK, SHORING, ETC. SITE VISITS BY THE ENGINEER OR HIS REPRESENTATIVE WILL NOT INCLUDE INSPECTION OF THESE ITEMS AND IS FOR STRUCTURAL OBSERVATION OF THE FINISHED STRUCTURE ONLY.
4. NOTES AND DETAILS IN THE CONSTRUCTION DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE GREATER, MORE STRICT REQUIREMENTS, SHALL GOVERN. IF FURTHER CLARIFICATION IS REQUIRED CONTACT THE ENGINEER OF RECORD.
5. SUBSTANTIAL EFFORT HAS BEEN MADE TO PROVIDE ACCURATE DIMENSIONS AND MEASUREMENTS ON THE DRAWINGS TO ASSIST IN THE FABRICATION AND/OR PLACEMENT OF CONSTRUCTION ELEMENTS BUT IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE DIMENSIONS, MEASUREMENTS, AND/OR CLEARANCES SHOWN IN THE CONSTRUCTION DRAWINGS PRIOR TO FABRICATION OR CUTTING OF ANY NEW OR EXISTING CONSTRUCTION ELEMENTS. IF IT IS DETERMINED THAT THERE ARE DISCREPANCIES AND/OR CONFLICTS WITH THE CONSTRUCTION DRAWINGS THE ENGINEER OF RECORD IS TO BE NOTIFIED AS SOON AS POSSIBLE.
6. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CROWN CASTLE.
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 LAWS, ORDINANCES, 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. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
9. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
10. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CARRIER AND CROWN CASTLE PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
11. CONTRACTOR IS TO PERFORM A SITE INVESTIGATION AND IS TO DETERMINE THE BEST ROUTING OF ALL CONDUITS FOR POWER, AND TELCO AND FOR GROUNDING CABLES AS SHOWN IN THE POWER, TELCO, AND GROUNDING PLAN DRAWINGS.
12. 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 CROWN CASTLE USA INC.
13. 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.
14. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST–IN–PLACE CONCRETE.
2. UNLESS NOTED OTHERWISE, SOIL BEARING PRESSURE USED FOR DESIGN OF SLABS AND FOUNDATIONS IS ASSUMED TO BE 1000 psf.
3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 3000 psi AT 28 DAYS, UNLESS NOTED OTHERWISE. NO MORE THAN 90 MINUTES SHALL ELAPSE FROM BATCH TIME TO TIME OF PLACEMENT UNLESS APPROVED BY THE ENGINEER OF RECORD. TEMPERATURE OF CONCRETE SHALL NOT EXCEED 90°f AT TIME OF PLACEMENT.
4. CONCRETE EXPOSED TO FREEZE–THAW CYCLES SHALL CONTAIN AIR ENTRAINING ADMIXTURES. AMOUNT OF AIR ENTRAINMENT TO BE BASED ON SIZE OF AGGREGATE AND F3 CLASS EXPOSURE (VERY SEVERE). CEMENT USED TO BE TYPE II PORTLAND CEMENT WITH A MAXIMUM WATER–TO–CEMENT RATIO (W/C) OF 0.45.
5. ALL STEEL REINFORCING SHALL CONFORM TO ASTM A615. ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185. ALL SPLICES SHALL BE CLASS "B" TENSION SPLICES, UNLESS NOTED OTHERWISE. ALL HOOKS SHALL BE STANDARD 90 DEGREE HOOKS, UNLESS NOTED OTHERWISE. YIELD STRENGTH (Fy) OF STANDARD DEFORMED BARS ARE AS FOLLOWS:
#4 BARS AND SMALLER..40 ksi
#5 BARS AND LARGER..60 ksi
6. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH......................3"
CONCRETE EXPOSED TO EARTH OR WEATHER:
#6 BARS AND LARGER..2"
#5 BARS AND SMALLER..1–1/2"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
SLAB AND WALLS..3/4"
BEAMS AND COLUMNS..1–1/2"
7. A TOOLED EDGE OR A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.

ELECTRICAL INSTALLATION NOTES:

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES/ORDINANCES.
2. CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED AND TRIP HAZARDS ARE ELIMINATED.
3. WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.
4. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.
4.1. ALL EQUIPMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENT OF THE NATIONAL ELECTRICAL CODE.
4.2. ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING CURRENT RATING THAT SHALL BE GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED, 22,000 AIC MINIMUM. VERYIFY AVAILABLE SHORT CIRCUIT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ARTICLE 110.24 NEC OR THE MOST CURRENT ADOPTED CODE PRE THE GOVERNING JURISDICTION.
5. EACH END OF EVERY POWER PHASE CONDUCTOR, GROUNDING CONDUCTOR, AND TELCO CONDUCTOR OR CABLE SHALL BE LABELED WITH COLOR–CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2" PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC AND OSHA.
6. ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH LAMICOID TAGS SHOWING THEIR RATED VOLTAGE, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING AND BRANCH CIRCUIT ID NUMBERS (i.e. PANEL BOARD AND CIRCUIT ID'S).
7. PANEL BOARDS (ID NUMBERS) SHALL BE CLEARLY LABELED WITH PLASTIC LABELS.
8. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
9. ALL POWER AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE COPPER CONDUCTOR (#14 OR LARGER) WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
10. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE COPPER CONDUCTOR (#6 OR LARGER) WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
11. POWER AND CONTROL WIRING IN FLEXIBLE CORD SHALL BE MULTI–CONDUCTOR, TYPE SOOW CORD (#14 OR LARGER) UNLESS OTHERWISE SPECIFIED.
12. POWER AND CONTROL WIRING FOR USE IN CABLE TRAY SHALL BE MULTI–CONDUCTOR, TYPE TC CABLE (#14 OR LARGER), WITH TYPE THHW, THWN, THWN–2, XHHW, XHHW–2, THW, THW–2, RHW, OR RHW–2 INSULATION UNLESS OTHERWISE SPECIFIED.
13. ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP–STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRE NUTS SHALL BE RATED FOR OPERATION NOT LESS THAN 75° C (90° C IF AVAILABLE).
14. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND NEC.
15. ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
16. ELECTRICAL METALLIC TUBING (EMT) OR METAL–CLAD CABLE (MC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
17. SCHEDULE 40 PVC UNDERGROUND ON STRAIGHTS AND SCHEDULE 80 PVC FOR ALL ELBOWS/90s AND ALL APPROVED ABOVE GRADE PVC CONDUIT.
18. LIQUID–TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID–TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
19. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION–TYPE AND APPROVED FOR THE LOCATION USED. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
20. CABINETS, BOXES AND WIRE WAYS SHALL BE LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND THE NEC.
21. WIREWAYS SHALL BE METAL WITH AN ENAMEL FINISH AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARDS (WIREMOLD SPECMATE WIREWAY).
22. SLOTTED WIRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUAL).
23. CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON–PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES (i.e. POWDER–ACTUATED) FOR ATTACHING HANGERS TO STRUCTURE WILL NOT BE PERMITTED. CLOSELY FOLLOW THE LINES OF THE STRUCTURE, MAINTAIN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUITS IN TIGHT ENVELOPES. CHANGES IN DIRECTION TO ROUTE AROUND OBSTACLES SHALL BE MADE WITH CONDUIT OUTLET BODIES. CONDUIT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. PARALLEL AND PERPENDICULAR TO STRUCTURE WALL AND CEILING LINES. ALL CONDUIT SHALL BE FISHED TO CLEAR OBSTRUCTIONS. ENDS OF CONDUITS SHALL BE TEMPORARILY CAPPED FLUSH TO FINISH GRADE TO PREVENT CONCRETE, PLASTER OR DIRT FROM ENTERING. CONDUITS SHALL BE RIGIDLY CLAMPED TO BOXES BY GALVANIZED MALLEABLE IRON BUSHING ON INSIDE AND GALVANIZED MALLEABLE IRON LOCKNUT ON OUTSIDE AND INSIDE.
24. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY–COATED SHEET STEEL. SHALL MEET OR EXCEED UL 50 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND NEMA 3R (OR BETTER) FOR EXTERIOR LOCATIONS.
25. METAL RECEPTACLE, SWITCH AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY–COATED OR NON–CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
26. NONMETALLIC RECEPTACLE, SWITCH AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2 (NEWEST REVISION) AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
27. THE CONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CARRIER AND/OR CROWN CASTLE USA INC. BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
28. THE CONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD LIFE AND PROPERTY.
29. INSTALL LAMICOID LABEL ON THE METER CENTER TO SHOW "AT&T".
30. ALL EMPTY/SPARE CONDUITS THAT ARE INSTALLED ARE TO HAVE A METERED MULE TAPE PULL CORD INSTALLED.

CONDUCTOR COLOR CODE		
SYSTEM	CONDUCTOR	COLOR
120/240V, 1Ø	A PHASE	BLACK
	B PHASE	RED
	NEUTRAL	WHITE
	GROUND	GREEN
120/208V, 3Ø	A PHASE	BLACK
	B PHASE	RED
	C PHASE	BLUE
	NEUTRAL	WHITE
	GROUND	GREEN
277/480V, 3Ø	A PHASE	BROWN
	B PHASE	ORANGE OR PURPLE
	C PHASE	YELLOW
	NEUTRAL	GREY
	GROUND	GREEN
DC VOLTAGE	POS (+)	RED**
	NEG (–)	BLACK**

* SEE NEC 210.5(C)(1) AND (2)
** POLARITY MARKED AT TERMINATION

APWA UNIFORM COLOR CODE:

WHITE	PROPOSED EXCAVATION
PINK	TEMPORARY SURVEY MARKINGS
RED	ELECTRIC POWER LINES, CABLES, CONDUIT, AND LIGHTING CABLES
YELLOW	GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIALS
ORANGE	COMMUNICATION, ALARM OR SIGNAL LINES, CABLES, OR CONDUIT AND TRAFFIC LOOPS
BLUE	POTABLE WATER
PURPLE	RECLAIMED WATER, IRRIGATION, AND SLURRY LINES
GREEN	SEWERS AND DRAIN LINES

ABBREVIATIONS:

ANT	ANTENNA
(E)	EXISTING
FIF	FACILITY INTERFACE FRAME
GEN	GENERATOR
GPS	GLOBAL POSITIONING SYSTEM
GSM	GLOBAL SYSTEM FOR MOBILE
LTE	LONG TERM EVOLUTION
MGB	MASTER GROUND BAR
MW	MICROWAVE
(N)	NEW
NEC	NATIONAL ELECTRIC CODE
(P)	PROPOSED
PP	POWER PLANT
QTY	QUANTITY
RECT	RECTIFIER
RBS	RADIO BASE STATION
RET	REMOTE ELECTRIC TILT
RFDS	RADIO FREQUENCY DATA SHEET
RRH	REMOTE RADIO HEAD
RRU	REMOTE RADIO UNIT
SIAD	SMART INTEGRATED DEVICE
TMA	TOWER MOUNTED AMPLIFIER
TYP	TYPICAL
UMTS	UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM
W.P.	WORK POINT

GREENFIELD GROUNDING NOTES:

1. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GES'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–OF–POTENTAL 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 SEQUENCING 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 GROUNDED 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 BTS 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 BTS; #2 BARE SOLID TINNED COPPER FOR OUTDOOR BTS.
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 CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
9. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR 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 CONNECTIONS 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 CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED 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 CONDUCTOR.
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 WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON–METALLIC MATERIAL SUCH AS PVC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (i.e., NONMETALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.
20. ALL GROUNDS THAT TRANSITION FROM BELOW GRADE TO ABOVE GRADE MUST BE #2 BARE SOLID TINNED COPPER IN 3/4" NON–METALLIC, FLEXIBLE CONDUIT FROM 24" BELOW GRADE TO WITHIN 3" TO 6" OF CAD–WELD TERMINATION POINT. THE EXPOSED END OF THE CONDUIT MUST BE SEALED WITH SILICONE CAULK. (ADD TRANSITIONING GROUND STANDARD DETAIL AS WELL).
21. BUILDINGS WHERE THE MAIN GROUNDING CONDUCTORS ARE REQUIRED TO BE ROUTED TO GRADE, THE CONTRACTOR SHALL ROUTE TWO GROUNDING CONDUCTORS FROM THE ROOFTOP, TOWERS, AND WATER TOWERS GROUNDING RING, TO THE EXISTING GROUNDING SYSTEM, THE GROUNDING CONDUCTORS SHALL NOT BE SMALLER THAN 2/0 COPPER. ROOFTOP GROUNDING RING SHALL BE BONDED TO THE EXISTING GROUNDING SYSTEM, THE BUILDING STEEL COLUMNS, LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY).

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

CROWN CASTLE
1200 MACARTHUR BLVD, SUITE 200
MAHWAH, NJ 07430

TOWER ENGINEERING PROFESSIONALS
326 TRYON RD
RALEIGH, NC 27603
(919) 661-6351

TEP JOB #: 218229.479065

AT&T SITE NUMBER:
CTL05838

BU #: **876368**
YANKEE LAKEAST HAMPTONTOWN

1 PUBLIC WORKS DRIVE
EAST HAMPTON, CT 06424
(MIDDLESEX COUNTY)

EXISTING 180' MONOPOLE

ISSUED FOR:

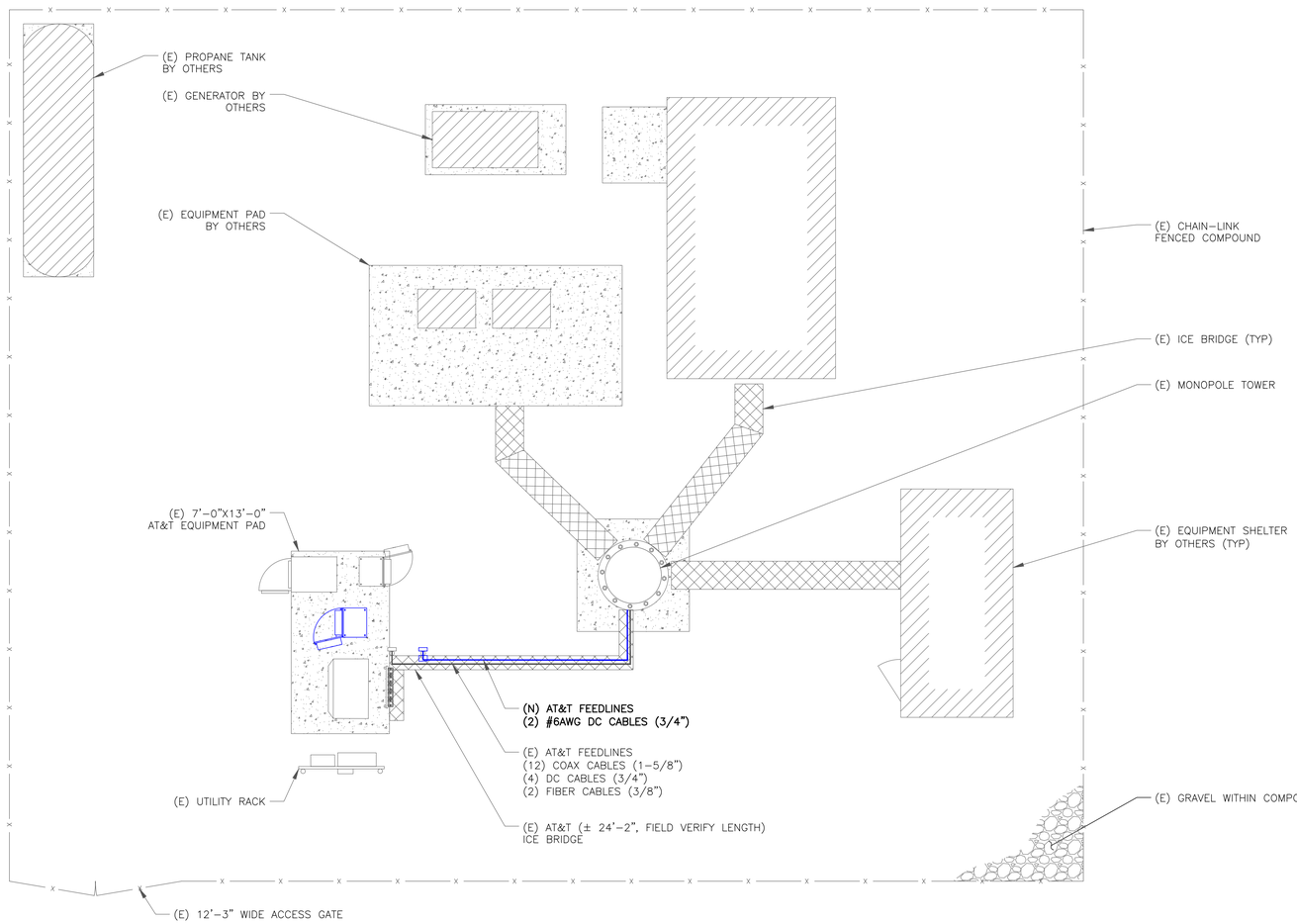
REV	DATE	DRWN	DESCRIPTION	DES./QA
A	01/13/21	BSE	PRELIMINARY	JTC
B	01/25/21	BSE	PRELIMINARY	JTC
C	02/12/21	BSE	PRELIMINARY	JTC
0	03/09/21	BSE	CONSTRUCTION	JTC
1	03/12/21	BSE	CONSTRUCTION	JTC

03/12/21

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-2

REVISION: 1



1 SITE PLAN

SCALE: 4' 2' 0 4'

3/16"=1'-0" (FULL SIZE)
3/32"=1'-0" (11x17)

N

AT&T
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AT&T SITE NUMBER:
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BU #: **876368**
YANKEE LAKEAST
HAMPTONTOWN

1 PUBLIC WORKS DRIVE
EAST HAMPTON, CT 06424
(MIDDLESEX COUNTY)

EXISTING 180' MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	01/13/21	BSE	PRELIMINARY	JTC
B	01/25/21	BSE	PRELIMINARY	JTC
C	02/12/21	BSE	PRELIMINARY	JTC
0	03/09/21	BSE	CONSTRUCTION	JTC
1	03/12/21	BSE	CONSTRUCTION	JTC

STATE OF CONNECTICUT
29538
LICENSED
PROFESSIONAL ENGINEER

03/12/21

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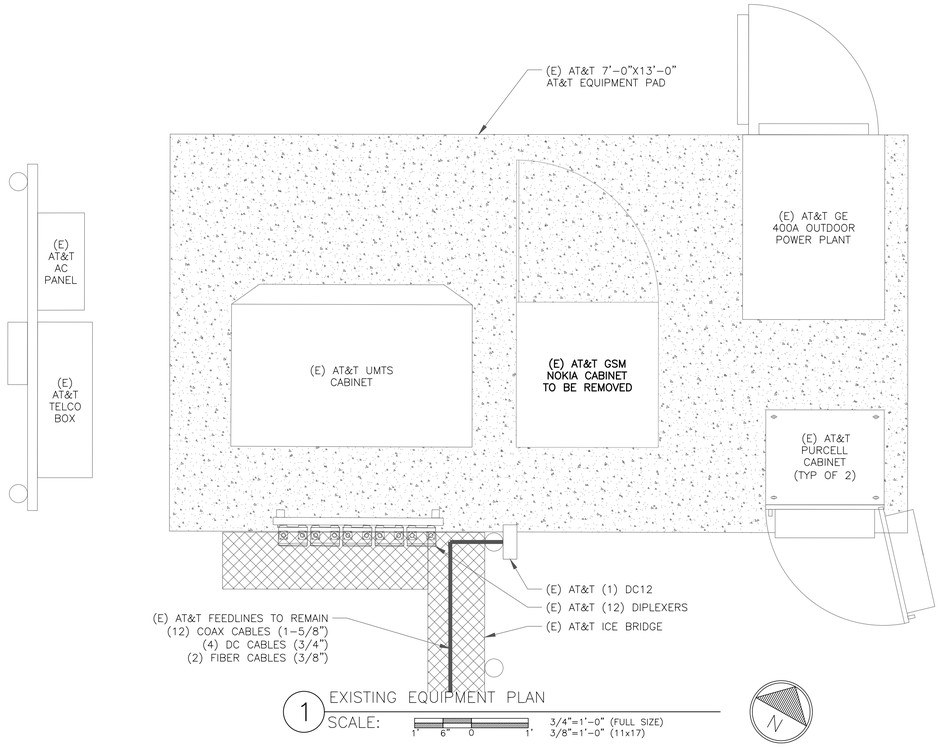
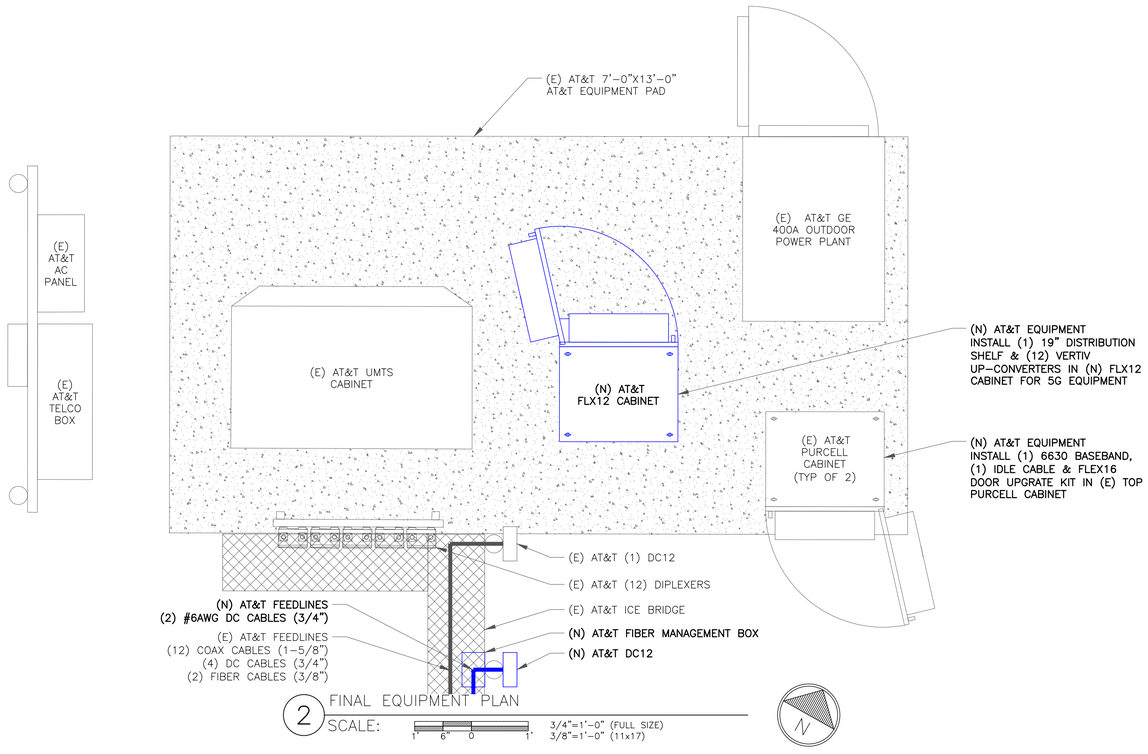
SHEET NUMBER: C-1.1

REVISION: 1





GROUND SCOPE OF WORK:

- REMOVE GSM CABINET AND INSTALL NEW FLX12 CABINET
- INSTALL (1) 6630 BASEBAND
- INSTALL (1) IDLE CABLE
- INSTALL (1) 19" DISTRIBUTION SHELF
- INSTALL (12) VERTIV UP-CONVERTERS
- INSTALL (3) Y CABLES ON DUAL BAND RRHS
- INSTALL (1) FLEX16 DOOR UPGRATE KIT
- INSTALL (1) DC12
- INSTALL (1) FIBER MANAGEMENT BOX

NOTE:

THE POWER DESIGN FOR ANY AC ELECTRICAL POWER CHANGES IS TO BE PERFORMED BY OTHERS AND IS SHOWN HERE FOR REFERENCE PURPOSES ONLY. AT&T IS SOLELY RESPONSIBLE FOR THE ELECTRICAL POWER DESIGN.

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

CROWN CASTLE
1200 MACARTHUR BLVD, SUITE 200
MAHWAH, NJ 07430

TOWER ENGINEERING PROFESSIONALS
326 TRYON RD
RALEIGH, NC 27603
(919) 661-6351

TEP JOB #: 218229.479065

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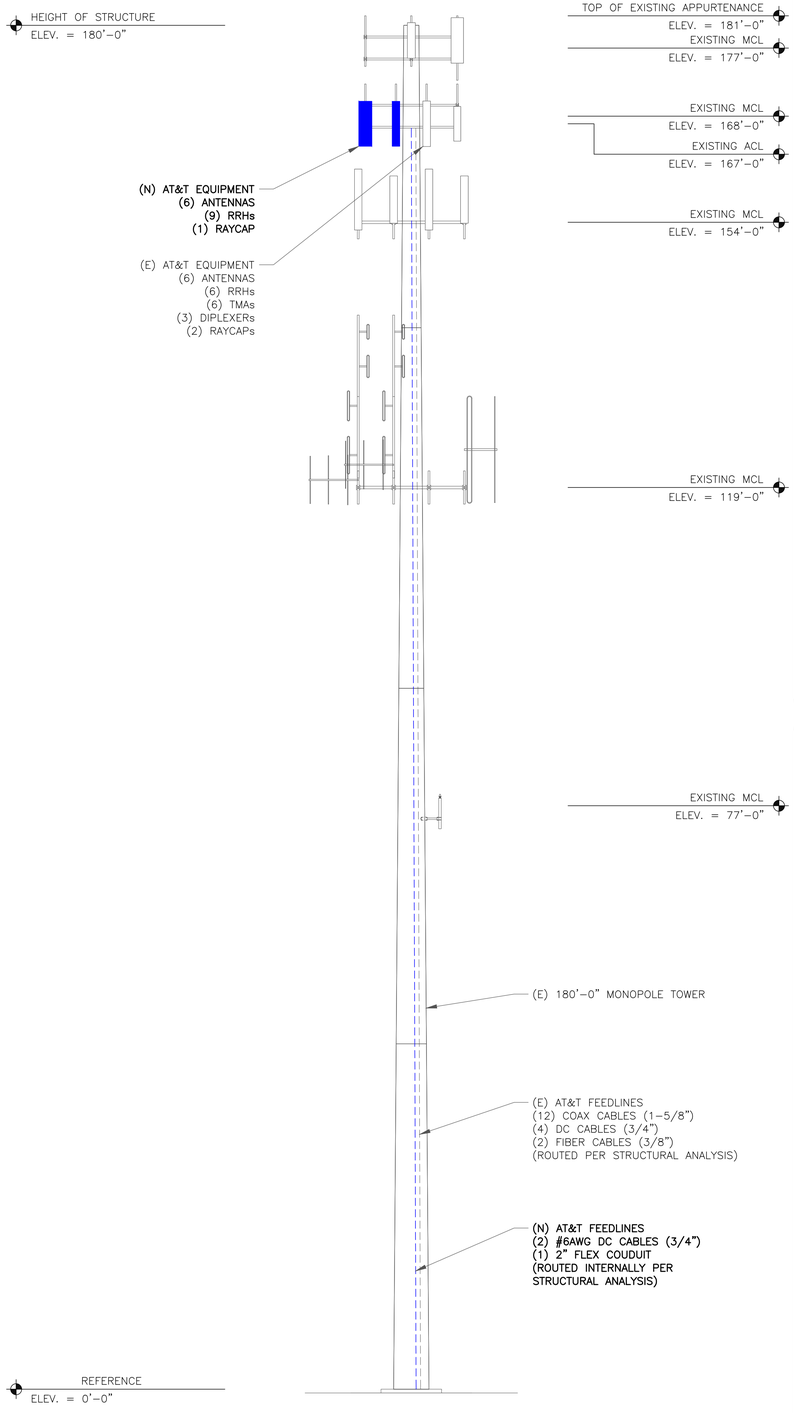
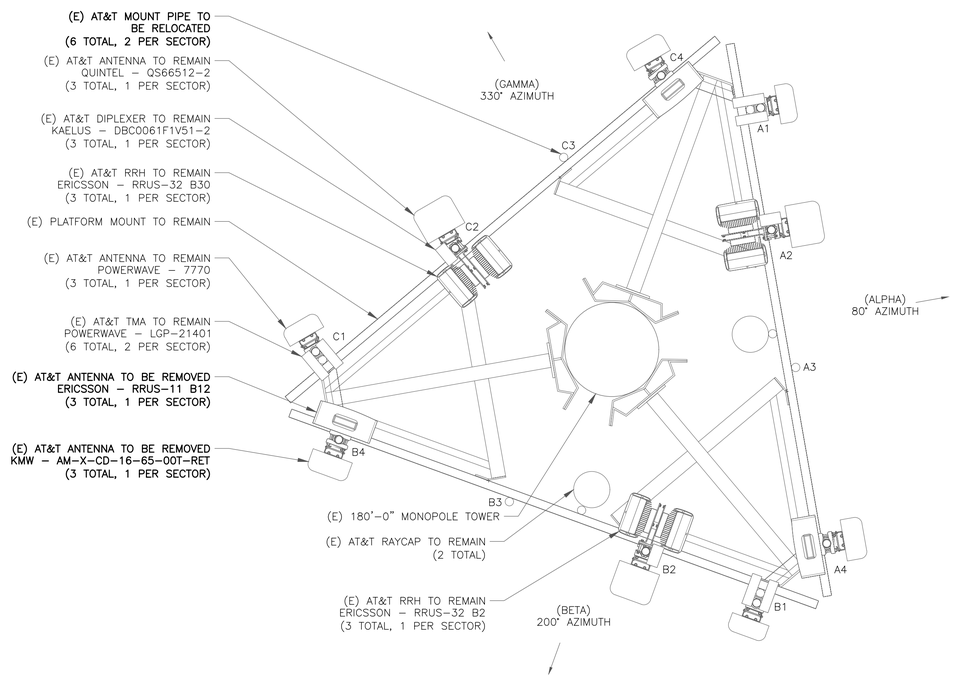
SHEET NUMBER: C-1.2

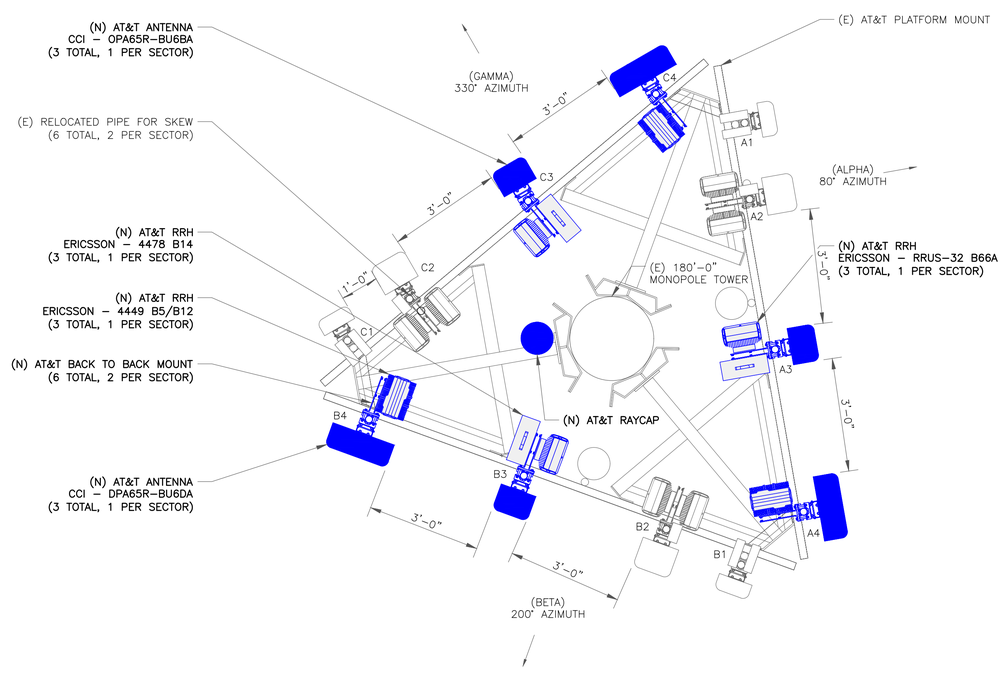
REVISION: 1



1 FINAL ELEVATION
SCALE: NOT TO SCALE



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



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 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 OR FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY COMPONENTS OF THE CLIMBING FACILITY ON 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 IMPEDE/BLOCK ITS INTENDED USE. ANY COMPROMISED SAFETY CLIMB, 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.

INSTALLER NOTES:

1. REFERENCE C-3 FOR FINAL EQUIPMENT SCHEDULE.
2. REFERENCE C-4 FOR NEW EQUIPMENT SPECIFICATIONS.
3. CONTRACTOR TO VERIFY ALL ANTENNA TIP HEIGHTS DO NOT EXCEED BEACON BASE HEIGHT.
4. 3'-0" MINIMUM DISTANCE REQUIRED BETWEEN LTE ANTENNAS ON SAME SECTOR.
5. 6'-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" MINIMUM DISTANCE REQUIRED BETWEEN ANTENNA & RADIO. SEE GENERIC EXAMPLE DETAIL ON SHEET C-4.

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SHEET NUMBER: C-2

REVISION: 1

FINAL EQUIPMENT SCHEDULE
(VERIFY WITH CURRENT RFDS)

POSITION	ANTENNA				RADIO			DIPLEXER			TMA		SURGE PROTECTION		CABLES			
	TECH.	STATUS/MANUFACTURER MODEL	AZIMUTH	RAD CENTER	QTY.	STATUS/MODEL	LOCATION	QTY.	STATUS	LOCATION	QTY.	STATUS/MANUFACTURER MODEL	QTY.	STATUS/MODEL	QTY.	STATUS/TYPE	SIZE	LENGTH
ALPHA																		
A1	UMTS 850	(E) POWERWAVE 7770	80°	167'	–	–	–	2	(E)	GROUND	2	(E) POWERWAVE – LGP-21401	–	–	2	(E) COAX	1-5/8"	219'-0"
A2	LTE 1900/WCS	(E) QUINTEL QS66512-2	80°	167'	1	(E) RRUS-32 B2	TOWER	1	(E)	TOWER	–	–	1	(E) DC6-48-60-18-8C-EV	1	(E) FIBER	3/8"	219'-0"
					1	(E) RRUS-32 B30	TOWER	1	(E)	GROUND					2	(E) DC	3/4"	219'-0"
															2	(E) COAX	1-5/8"	219'-0"
A3	LTE 700/AWS	(N) CCI OPA65R-BU6BA	80°	167'	1	(N) 4478 B14	TOWER	–	–	–	–	–	–	–	–	–	–	–
					1	(N) RRUS-32 B66A	TOWER											
A4	LTE 700/850/ 5G 850	(N) CCI DMP65R-BU6DA	80°	167'	1	(N) 4449 B5/B12	TOWER	–	–	–	–	–	–	–	–	–	–	–
BETA																		
B1	UMTS 850	(E) POWERWAVE 7770	200°	167'	–	–	–	2	(E)	GROUND	2	(E) POWERWAVE – LGP-21401	–	–	2	(E) COAX	1-5/8"	219'-0"
B2	LTE 1900/WCS	(E) QUINTEL QS66512-2	200°	167'	1	(E) RRUS-32 B2	TOWER	1	(E)	TOWER	–	–	1	(E) DC6-48-60-18-8F	1	(E) FIBER	3/8"	219'-0"
					1	(E) RRUS-32 B30	TOWER	1	(E)	GROUND					2	(E) DC	3/4"	219'-0"
															2	(E) COAX	1-5/8"	219'-0"
B3	LTE 700/AWS	(N) CCI OPA65R-BU6BA	200°	167'	1	(N) 4478 B14	TOWER	–	–	–	–	–	–	–	–	–	–	–
					1	(N) RRUS-32 B66A	TOWER											
B4	LTE 700/850/ 5G 850	(N) CCI DMP65R-BU6DA	200°	167'	1	(N) 4449 B5/B12	TOWER	–	–	–	–	–	–	–	–	–	–	–
GAMMA																		
C1	UMTS 850	(E) POWERWAVE 7770	330°	167'	–	–	–	2	(E)	GROUND	2	(E) POWERWAVE – LGP-21401	–	–	2	(E) COAX	1-5/8"	219'-0"
C2	LTE 1900/WCS	(E) QUINTEL QS66512-2	330°	167'	1	(E) RRUS-32 B2	TOWER	1	(E)	TOWER	–	–	1	(N) DC6-48-60-18-8C-EV	2	(N) #6AWG DC	3/4"	219'-0"
					1	(E) RRUS-32 B30	TOWER	1	(E)	GROUND					2	(E) COAX	1-5/8"	219'-0"
C3	LTE 700/AWS	(N) CCI OPA65R-BU6BA	330°	167'	1	(N) 4478 B14	TOWER	–	–	–	–	–	–	–	–	–	–	–
					1	(N) RRUS-32 B66A	TOWER											
C4	LTE 700/850/ 5G 850	(N) CCI DMP65R-BU6DA	330°	167'	1	(N) 4449 B5/B12	TOWER	–	–	–	–	–	–	–	–	–	–	–

NOTE:
(E) – EXISTING
(N) – NEW

1 FINAL EQUIPMENT SCHEDULE
SCALE: NOT TO SCALE

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(919) 661-6351

TEP JOB #: 218229.479065

AT&T SITE NUMBER:
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STATE OF CONNECTICUT
GRACE M. ANDRES
29538
LICENSED
PROFESSIONAL ENGINEER

03/12/21

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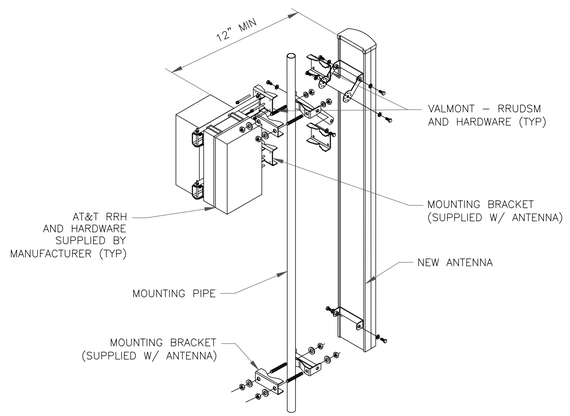
SHEET NUMBER: C-3

REVISION: 1

INSTALLER NOTES:

1. COMPLY WITH MANUFACTURERS INSTRUCTIONS TO ENSURE THAT ALL RRHs RECEIVE ELECTRICAL POWER WITHIN 24 HOURS OF BEING REMOVED FROM THE MANUFACTURER'S PACKAGING.
2. DO NOT OPEN RRH PACKAGES IN THE RAIN.
3. ALL PIPES, BRACKETS, AND MISCELLANEOUS HARDWARE TO BE GALVANIZED UNLESS NOTED OTHERWISE.

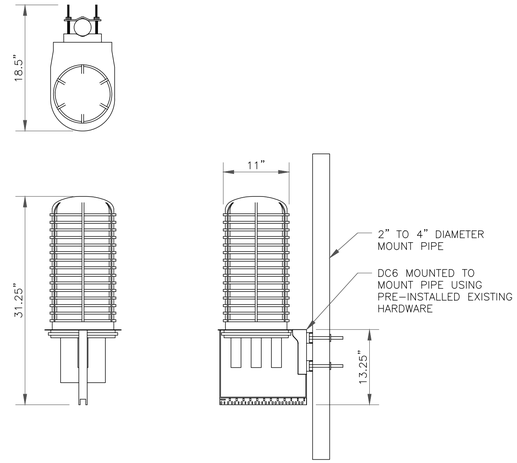


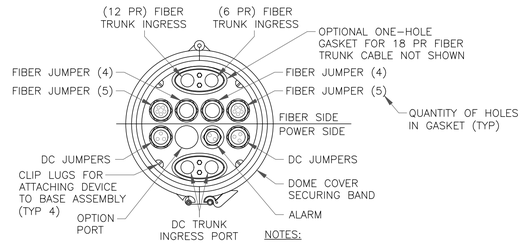
1 ANTENNA WITH RRHs MOUNTING DETAIL
SCALE: NOT TO SCALE

RAYCAP
DC6-48-60-18-8C-EV

RAYCAP – DC6-48-60-18-8C-EV
NOMINAL OPERATING VOLTAGE: 48 VDC
VOLTAGE PROTECTION RATING: 400 V
WIND LOADING: 150 MPH SUSTAINED (105.7 LBS)
WIND LOADING: 195 MPH GUST (213.6 LBS)

CONTRACTOR TO USE "THREAD LUBRICANT" ON MOUNTING BOLTS DURING INSTALLATION





NOTES:

1. REMOVE CABLE SEALING GLAND AND INSTALL M32x1.5 METRIC-TO-1" NPT ADAPTER (COOPER CROUSE-HINES P/N CAP 740 994 OR EQUIVALENT MFR) WHEN CONNECTING CONDUIT TO OVP.

2 SQUID MOUNTING DETAIL
SCALE: NOT TO SCALE

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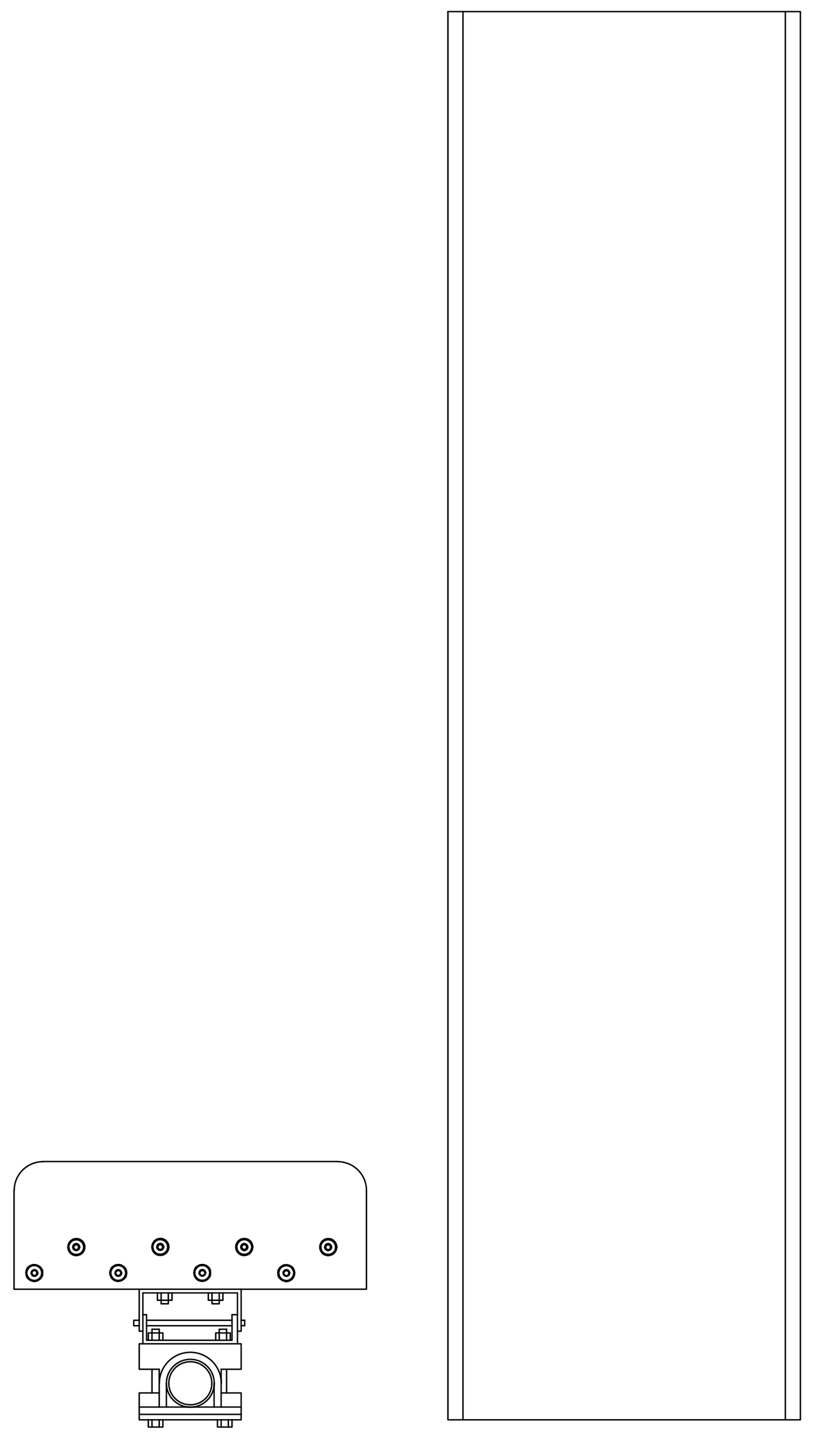
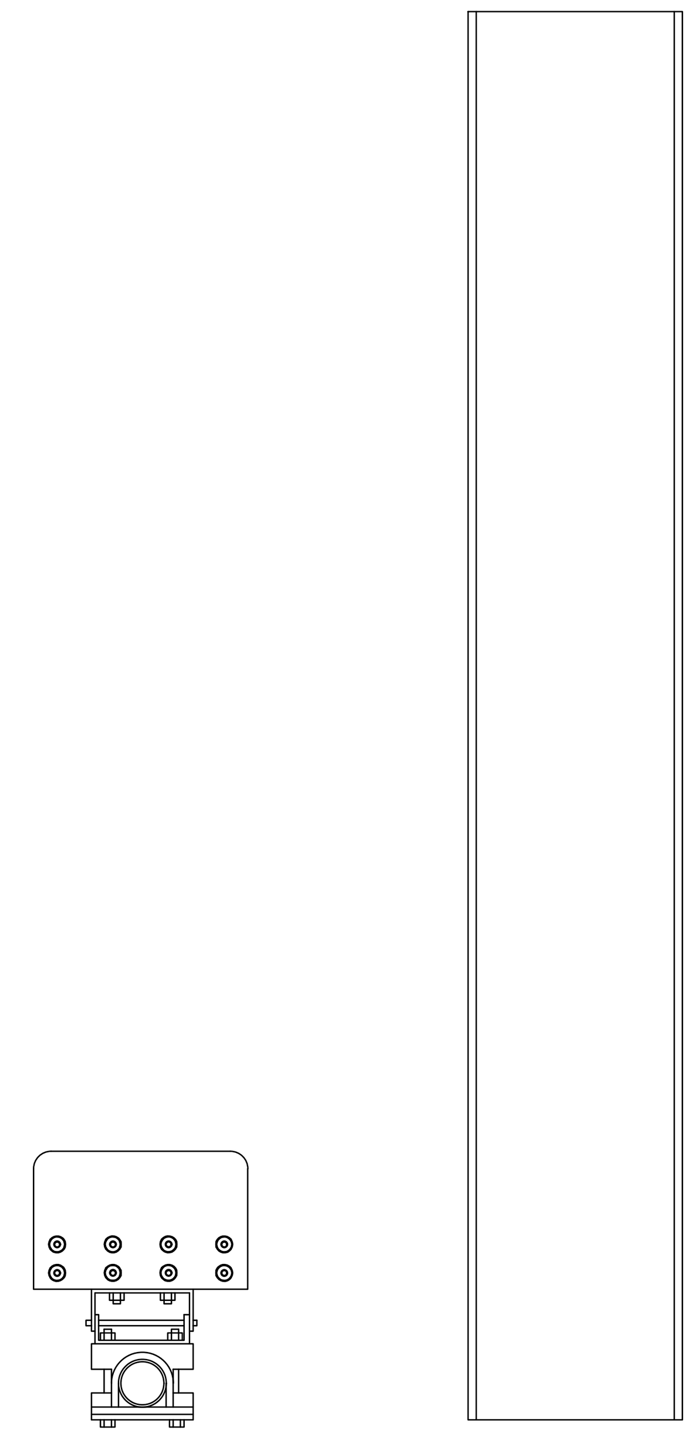
SHEET NUMBER: C-4

REVISION: 1



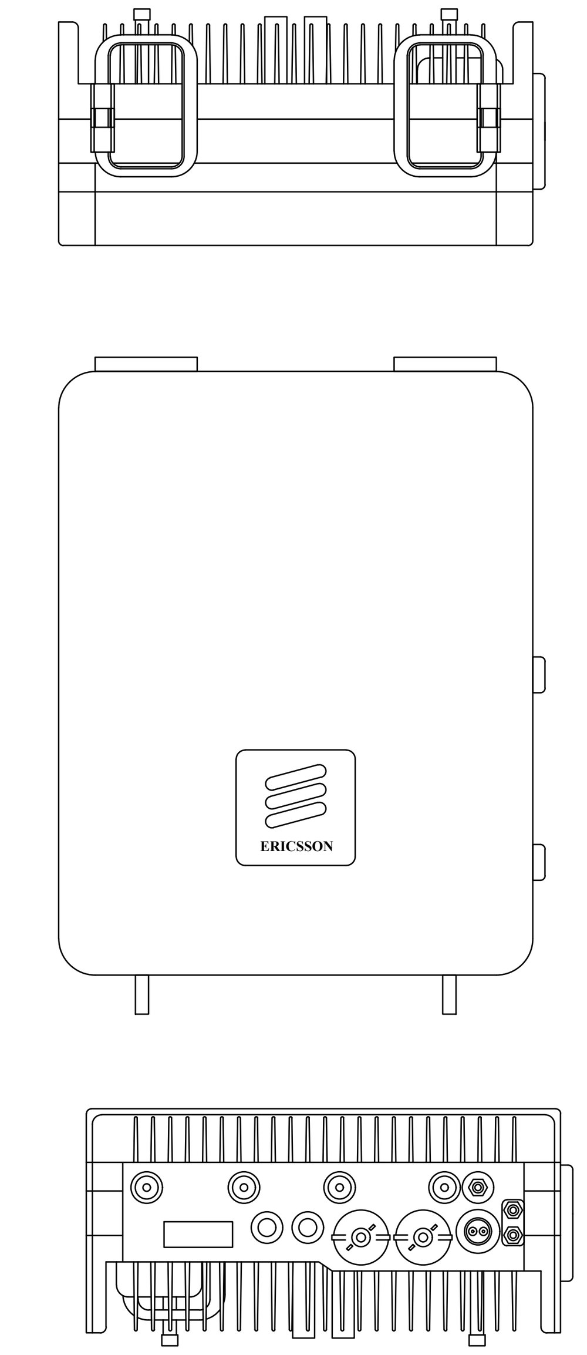
CCI – DMP65R–BU6DA
WEIGHT (WITHOUT MOUNTING HARDWARE): 96.0 LBS
SIZE (HxWxD): 71.20x20.7x7.70 IN.

1 CCI – DMP65R–BU6DA
SCALE: NOT TO SCALE



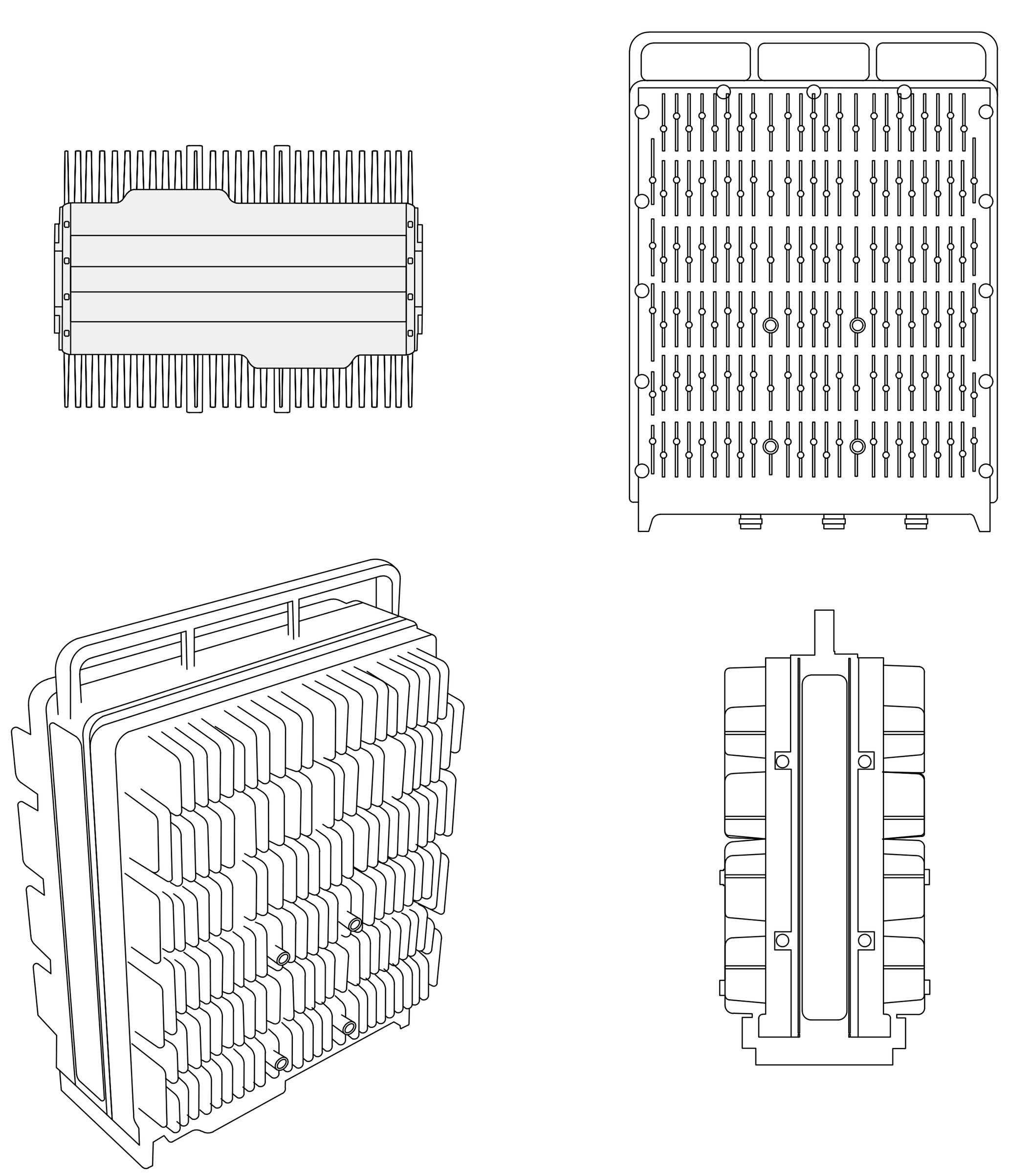
CCI – OPA65R–BU6BA
WEIGHT (WITHOUT MOUNTING HARDWARE): 55.0 LBS
SIZE (HxWxD): 71.10x11.7x8.40 IN.

2 CCI – OPA65R–BU6BA
SCALE: NOT TO SCALE



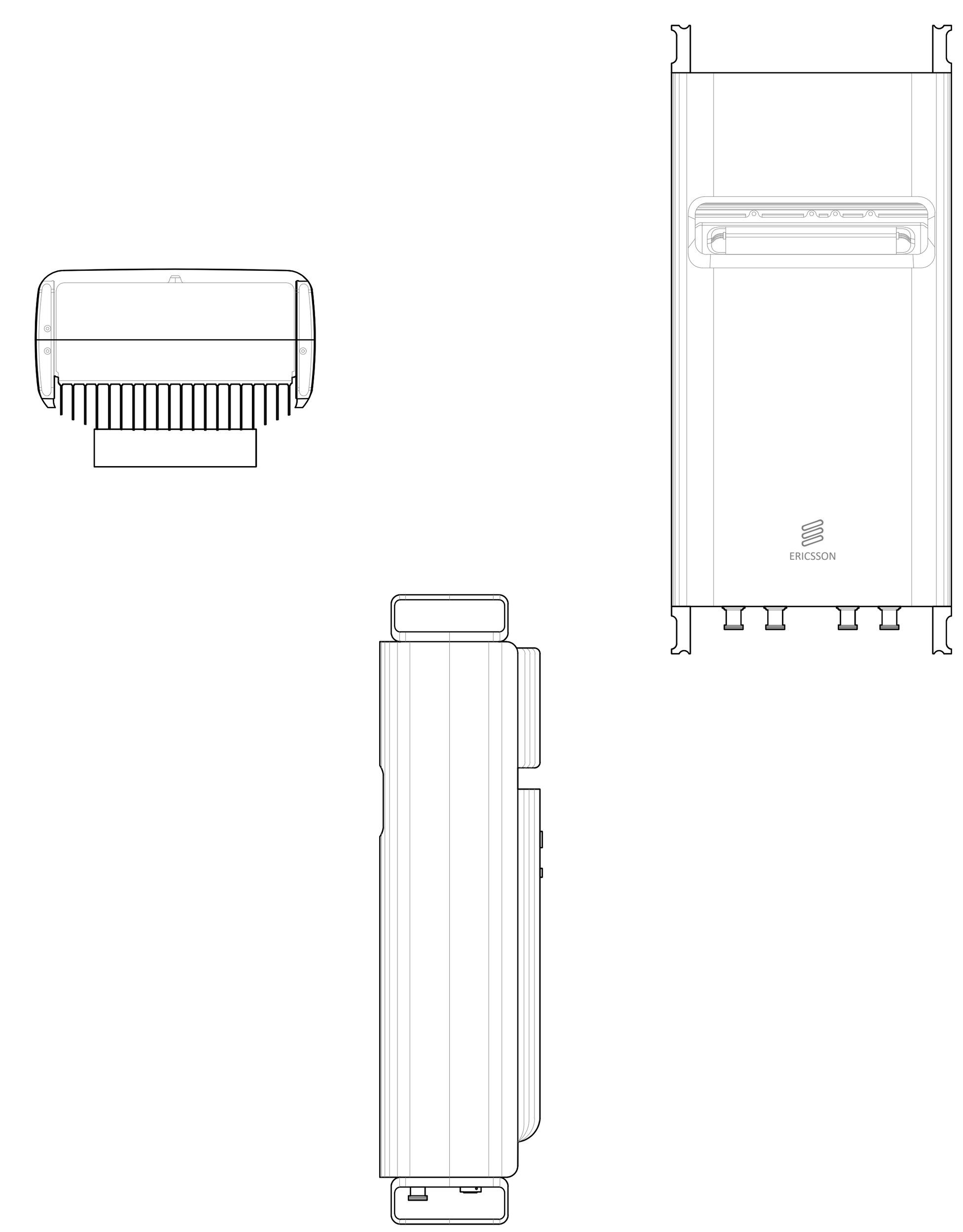
ERICSSON – RADIO 4478 B14
WEIGHT: 59.9 LBS
SIZE (HxWxD): 16.50x13.40x7.70 IN.

3 ERICSSON – RADIO 4478 B14
SCALE: NOT TO SCALE



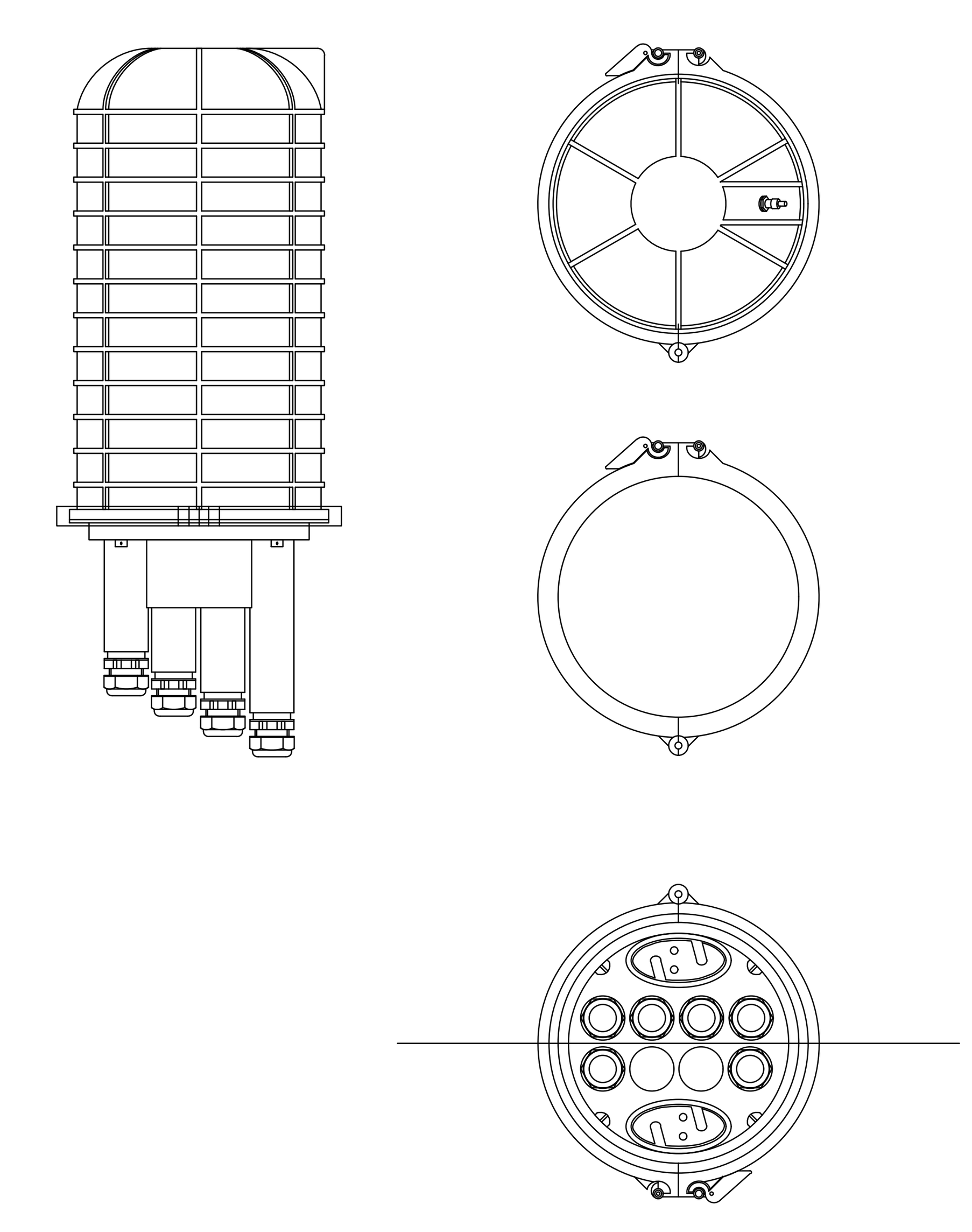
ERICSSON – RADIO 4449 B5/B12
WEIGHT: 71.0 LBS
SIZE (HxWxD): 17.90x13.19x9.44 IN.

4 ERICSSON – RADIO 4449 B5/B12
SCALE: NOT TO SCALE



ERICSSON – RRUS–32 B66A
WEIGHT: 55.12 LBS
SIZE (HxWxD): 27.60x12.45x7.41 IN.

5 ERICSSON – RRUS–32 B66A
SCALE: NOT TO SCALE



RAYCAP – DC6–48–60–18–8C–EV
WEIGHT: 32.80 LBS
SIZE (HxWxD): 31.25x11.0x11.0 IN.

6 RAYCAP – DC6–48–60–18–8C–EV
SCALE: NOT TO SCALE

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[illegible]
STATE OF CONNECTICUT
GRAHAM M. ANDRES
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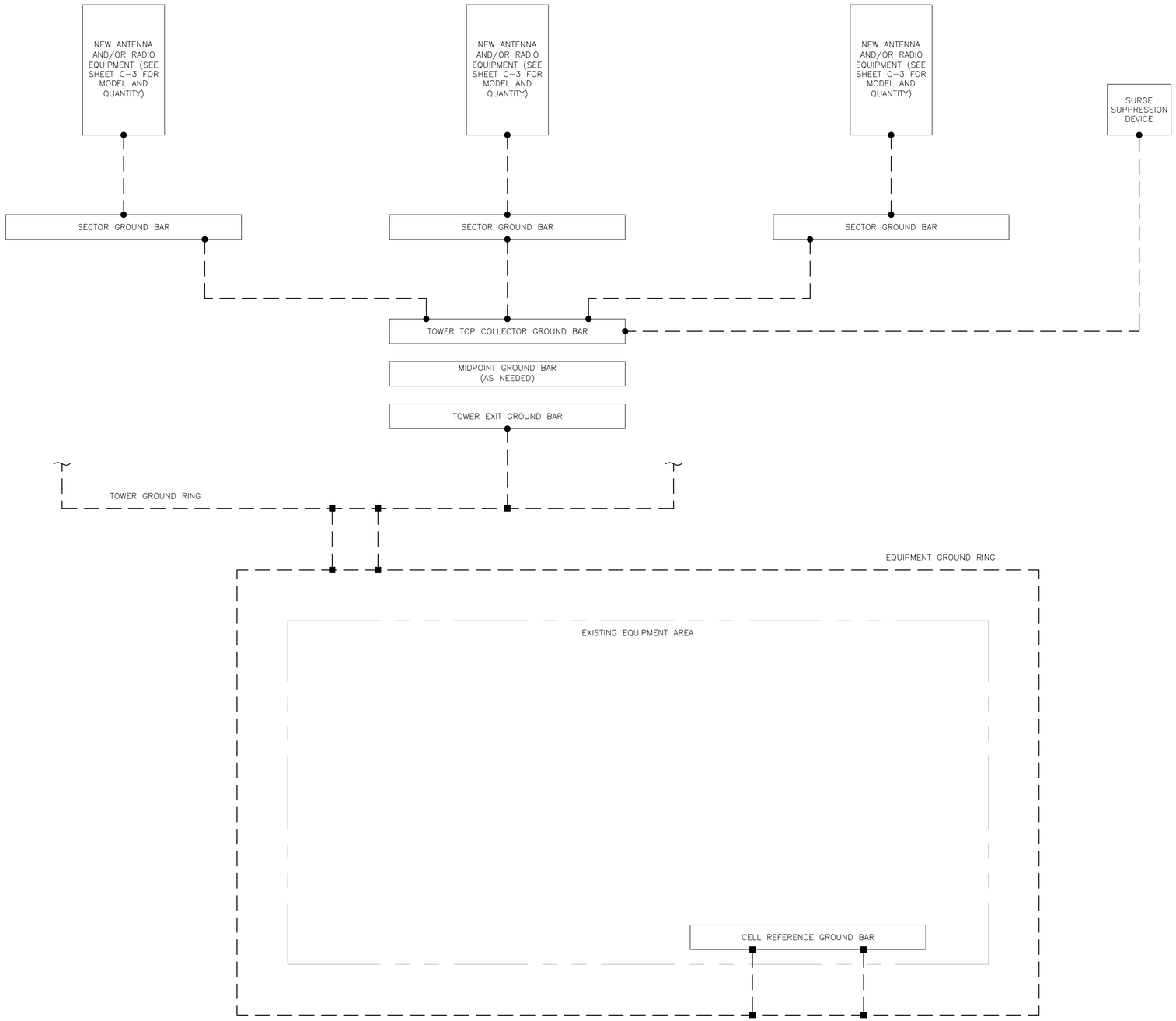
SHEET NUMBER: C-5

REVISION: 1



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.

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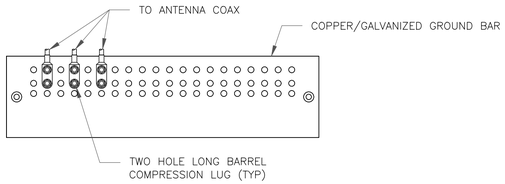
SHEET NUMBER: G-1

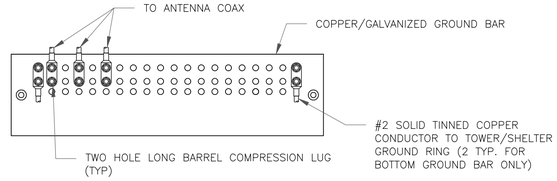
REVISION: 1



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

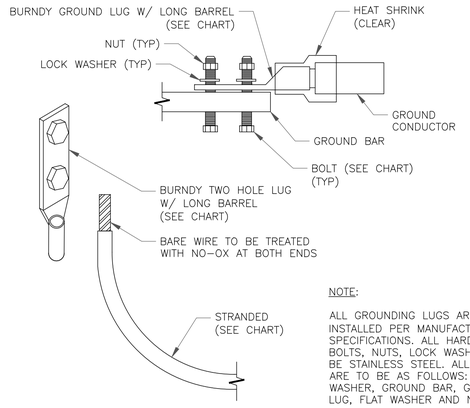


NOTES:

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

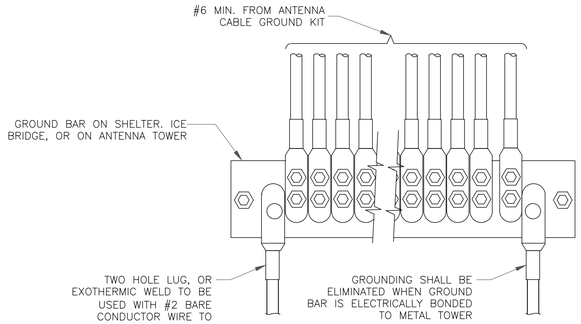
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC SS 2 BOLT
#2 SOLID TINNED	YA3C-2TC38	3/8" - 16 NC SS 2 BOLT
#2 STRANDED	YA2C-2TC38	3/8" - 16 NC SS 2 BOLT
#2/0 STRANDED	YA26-2TC38	3/8" - 16 NC SS 2 BOLT
#4/0 STRANDED	YA28-2N	1/2" - 16 NC SS 2 BOLT



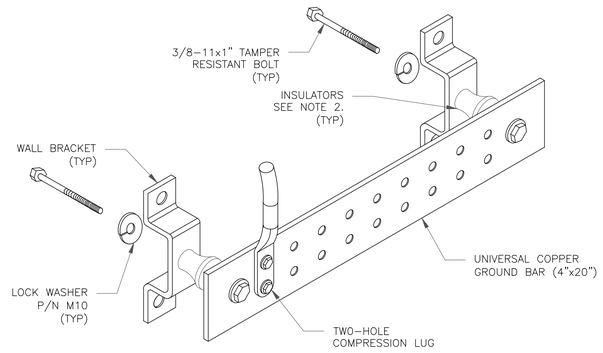
NOTE:

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



4 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE

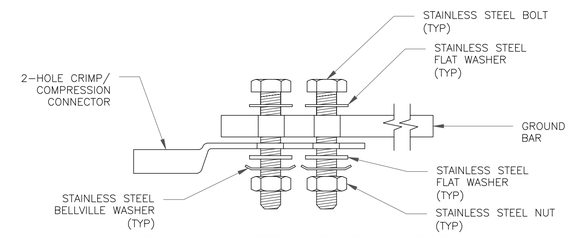


NOTES:

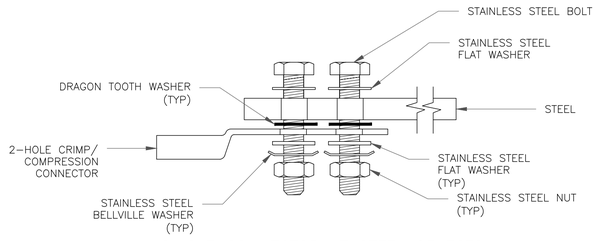
1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY QAS-STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION, CAD-WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.

2. OMIT INSULATOR WHEN MOUNTING TO TOWER STEEL OR PLATFORM STEEL USE INSULATORS WHEN ATTACHING TO BUILDING OR SHELTERS.

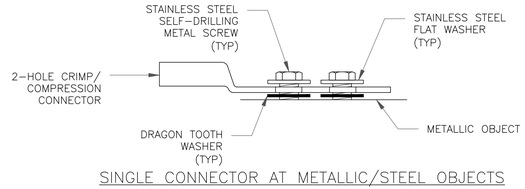
5 GROUND BAR DETAIL
SCALE: NOT TO SCALE



SINGLE CONNECTOR AT GROUND BARS

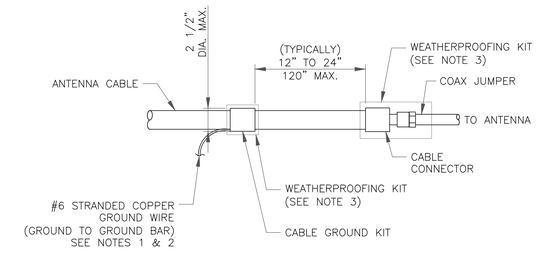


SINGLE CONNECTOR AT STEEL OBJECTS



SINGLE CONNECTOR AT METALLIC/STEEL OBJECTS

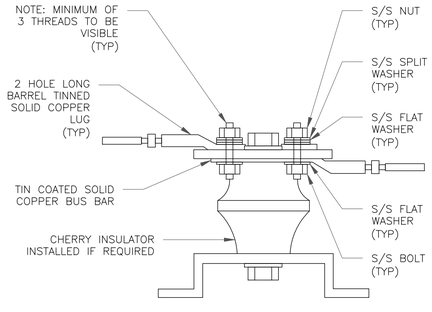
8 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



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

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

CROWN CASTLE
1200 MACARTHUR BLVD, SUITE 200
MAHWAH, NJ 07430

TOWER
ENGINEERING
PROFESSIONALS
326 TRYON RD
RALEIGH, NC 27603
(919) 661-6351
TEP JOB #: 218229.479065

AT&T SITE NUMBER:
CTL05838

BU #: **876368**
YANKEE LAKEAST
HAMPTONTOWN

1 PUBLIC WORKS DRIVE
EAST HAMPTON, CT 06424
(MIDDLESEX COUNTY)

EXISTING 180' MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	01/13/21	BSE	PRELIMINARY	JTC
B	01/25/21	BSE	PRELIMINARY	JTC
C	02/12/21	BSE	PRELIMINARY	JTC
0	03/09/21	BSE	CONSTRUCTION	JTC
1	03/12/21	BSE	CONSTRUCTION	JTC

03/12/21

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: G-2

REVISION: 1

Diagram - Sector	A	Diagram File Name - CT5838_ABC_d2.vsd							
Atoll Site Name -	CTL05838	Location Name -	EAST HAMPTON CENTRAL	Market -	CONNECTICUT			Market Cluster -	NEW ENGLAND
Comments: Important Note: For detailed radio to antenna wiring refer to the latest field notice - Antenna_Radio Connection Drawings Playbook v6.0_Ericsson									

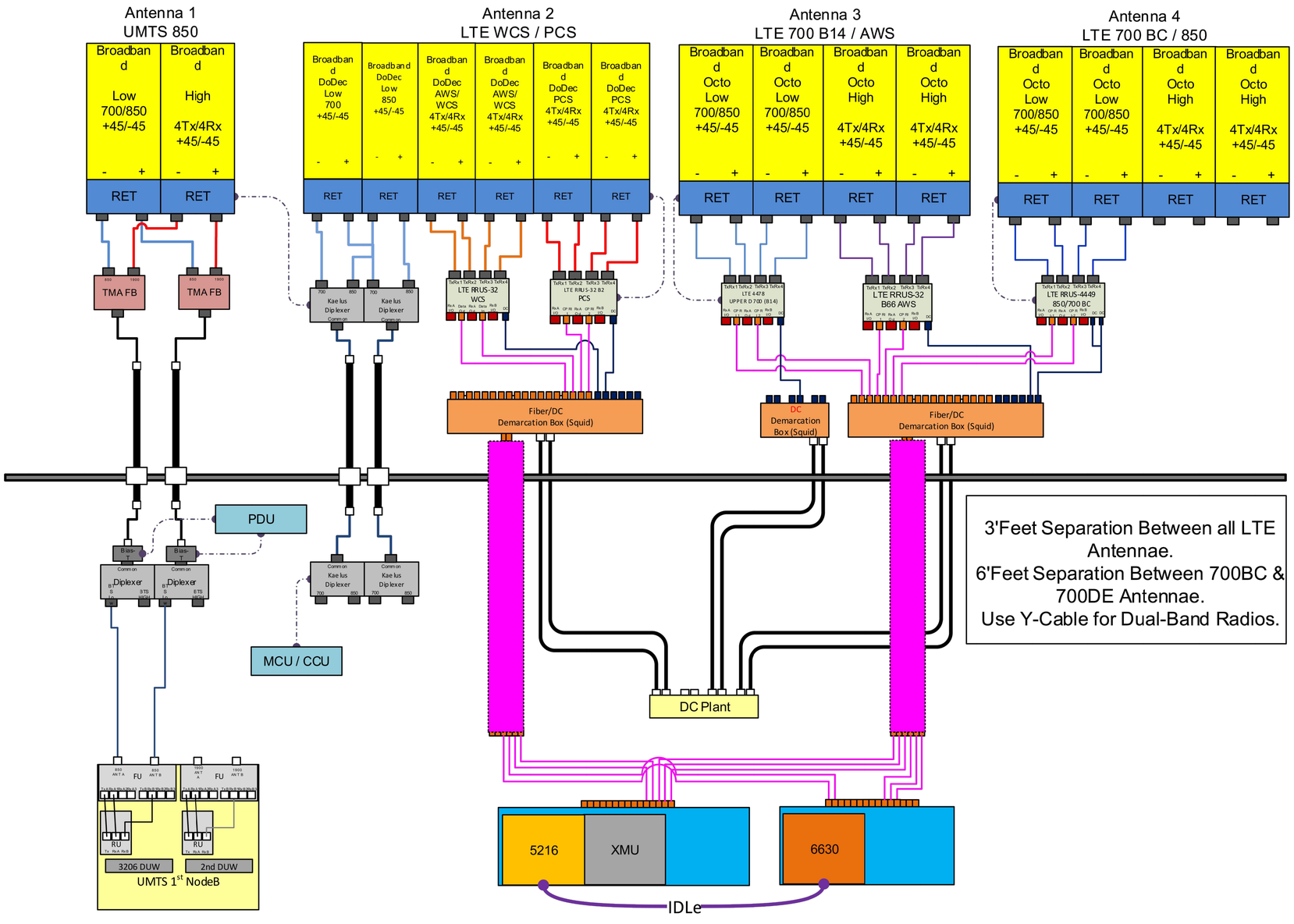


Diagram - Sector	B	Diagram File Name - CT5838_ABC_d2.vsd						
Atoll Site Name -	CTL05838	Location Name -	EAST HAMPTON CENTRAL	Market -	CONNECTICUT		Market Cluster -	NEW ENGLAND
Comments: Important Note: For detailed radio to antenna wiring refer to the latest field notice - Antenna_Radio Connection Drawings Playbook v6.0_Ericsson								

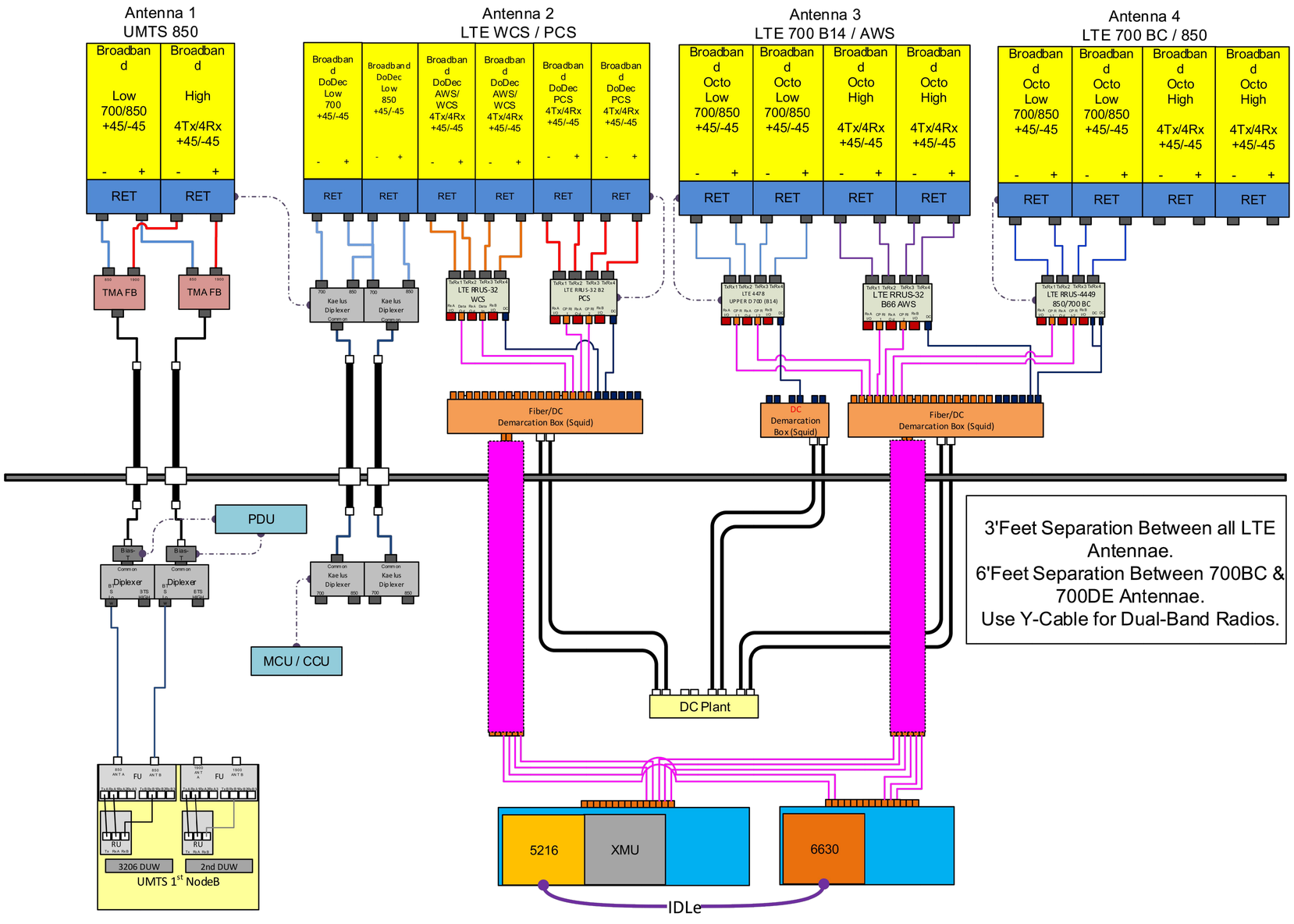


Diagram - Sector	C	Diagram File Name - CT5838_ABC_d2.vsd							
Atoll Site Name -	CTL05838	Location Name -	EAST HAMPTON CENTRAL	Market -	CONNECTICUT			Market Cluster -	NEW ENGLAND
Comments: Important Note: For detailed radio to antenna wiring refer to the latest field notice - Antenna_Radio Connection Drawings Playbook v6.0_Ericsson									

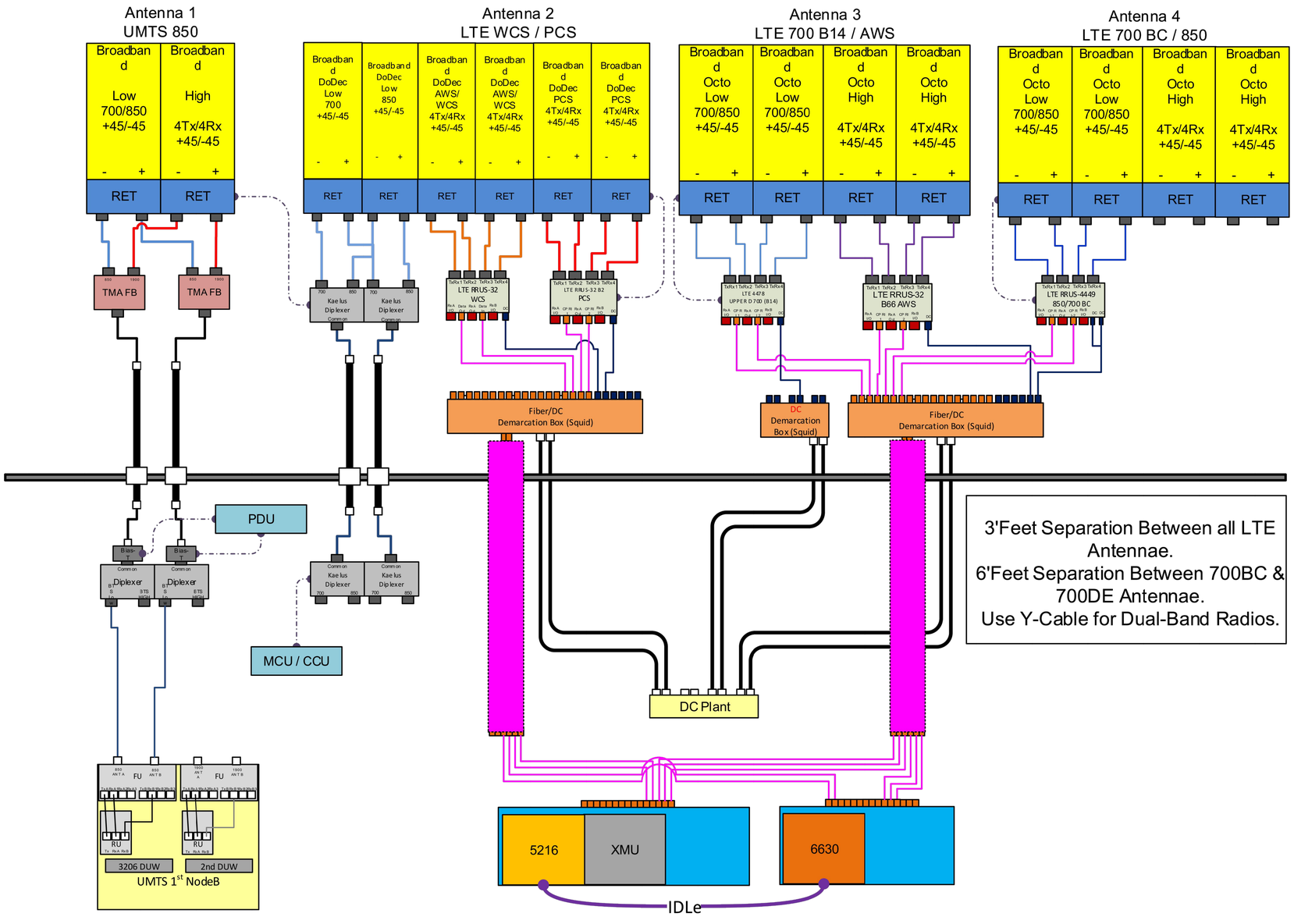


Exhibit D

Date: **December 11, 2020**

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

Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
(724)416-2000

Subject:	**Structural Analysis Report**	
Carrier Designation:	***AT&T Mobility* Co-Locate**	
	Carrier Site Number:	27077
	Carrier Site Name:	CTL05838
	Carrier FA Number:	10071008
Crown Castle Designation:	**Crown Castle BU Number:**	876368
	Crown Castle Site Name:	YANKEE LAKE/EAST HAMPTON/TOWN
	Crown Castle JDE Job Number:	619233
	Crown Castle Work Order Number:	1899520
	Crown Castle Order Number:	528756 Rev. 1
Engineering Firm Designation:	**Crown Castle Project Number:**	1899520
Site Data:	**1 Public Works Dr., EAST HAMPTON, Middlesex County, CT** **Latitude *41° 33' 53.14"*, Longitude *-72° 32' 35.18"*** **180 Foot - Monopole Tower**	

Dear Cheryl Schultz,

Crown Castle 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:

LC5: Proposed Equipment Configuration **Sufficient Capacity – 62.1%**

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

Structural analysis prepared by: Kayla D. Weimert

Respectfully submitted by:

STATE OF CONNECTICUT
TERRY P. STYRAN
31522
LICENSED
PROFESSIONAL ENGINEER

Terry P. Styran, P.E.
Senior Project Engineer

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 180 ft Monopole tower designed by VALMONT.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	130
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)
168.0	171.0	1	raycap	DC6-48-60-18-8F	12 6 2	1-5/8 3/4 3/8
	169.0	3	ericsson	RRUS 32 B2		
		3	ericsson	RRUS 32 B30		
		3	kaelus	DBC0061F1V51-2		
		6	powerwave technologies	7020.00		
		6	powerwave technologies	LGP21401		
		1	raycap	DC6-48-60-18-8F		
	168.0	1	tower mounts	Platform Mount [LP 303-1_HR-1]		
	167.0	3	cci antennas	DMP65R-BU6D w/ Mount Pipe		
		3	cci antennas	OPA65R-BU6BA-K w/ Mount Pipe		
		3	ericsson	RRUS 32 B66A		
		3	ericsson	RRUS 4449 B5/B12		
		3	ericsson	RRUS 4478 B14		
		3	powerwave technologies	7770.00 w/ Mount Pipe		
		3	quintel technology	QS66512-2 w/ Mount Pipe		
		1	raycap	DC6-48-60-0-8F		

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)
177.0	178.0	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		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
	177.0	1	tower mounts	Miscellaneous [NA 507-1]		
		1	tower mounts	Miscellaneous [NA 509-3]		
		1	tower mounts	Platform Mount [LP 601-1]		
154.0	157.0	3	alcatel lucent	B66A RRH4X45	2	1-5/8
		3	alcatel lucent	RRH2X60-AWS		
		6	commscope	HBXX-6517DS-A2M w/ Mount Pipe		
		6	commscope	LNX-6515DS-A1M w/ Mount Pipe		
		2	rfs celwave	DB-T1-6Z-8AB-0Z		
	154.0	1	tower mounts	Platform Mount [LP 304-1]		
119.0	131.0	5	decibel	DB264-A	9	1-1/4
	128.0	1	decibel	DB420		
	124.0	1	decibel	DB225-K		
	122.0	1	decibel	DB230-E		
	120.0	1	decibel	DB230-E		
	119.0	1	tower mounts	Platform Mount [LP 304-1]		
77.0	78.0	1	lucent	KS24019-L112A	1	1/2
	77.0	1	tower mounts	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Remarks	Reference	Source
4-TOWER MANUFACTURER DRAWINGS	Valmont Microflect	1531979	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	Valmont Microflect	2069183	CCISITES
4-GEOTECHNICAL REPORTS	Clarence Welti Associates, Inc.	1441254	CCISITES

3.1) Analysis Method

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

This analysis may be affected if any assumptions are not valid or have been made in error. Crown Castle 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	180 - 140.083	Pole	TP31.67x24.16x0.219	1	-13.017	1308.447	45.8	Pass
L2	140.083 - 92.5	Pole	TP40.17x30.307x0.344	2	-24.139	2606.635	59.8	Pass
L3	92.5 - 45.5833	Pole	TP48.31x38.355x0.438	3	-38.462	3992.383	60.9	Pass
L4	45.5833 - 0	Pole	TP56x46.134x0.5	4	-60.299	5437.498	62.1	Pass
							Summary	
						Pole (L4)	62.1	Pass
						Rating =	62.1	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	50.9	Pass
1	Base Plate	0	39.2	Pass
1	Base Foundation (Structure)	0	44.9	Pass
1	Base Foundation (Soil Interaction)	0	58.1	Pass

Structure Rating (max from all components) =	**62.1%**

Notes:
1) See additional documentation in “Appendix C – Additional Calculations” for calculations supporting the % capacity consumed.

4.1) Recommendations

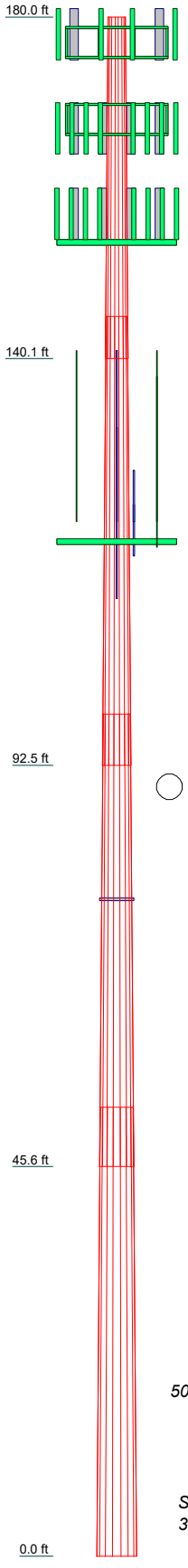
The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

APPENDIX A

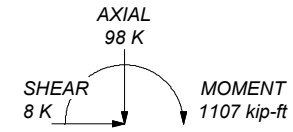
TNXTOWER OUTPUT

Section	1	2	3	4
Length (ft)	39.917	52.500	52.917	52.500
Number of Sides	16	16	16	16
Thickness (in)	0.219	0.344	0.438	0.500
Socket Length (ft)	4.917	6.000	6.917	
Top Dia (in)	24.160	30.307	38.355	46.134
Bot Dia (in)	31.670	40.170	48.310	56.000
Grade	S-22			
Weight (K)	2.6	6.8	10.8	14.4

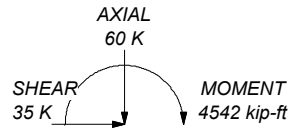
34.6



ALL REACTIONS ARE FACTORED



TORQUE 0 kip-ft
50 mph WIND - 1.500 in ICE



TORQUE 1 kip-ft
REACTIONS - 130 mph WIND

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
S-22	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 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. TOWER RATING: 62.1%

CROWN CASTLE
The Pathway to Possible

Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
Phone: (724)416-2000
FAX:

Job: ***BU 876368***			
Project:			
Client: Crown Castle	Drawn by: Kayla Weimert		App'd:
Code: TIA-222-H	Date: 12/11/20		Scale: NTS
Path: C:\Users\kweimert\Desktop\AT HOME - 2020\SAPI Sites\876368\WO 1899520 - SA\Prod\876368.eri			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:

3) Tower is located in Middlesex County, Connecticut.
4) Tower base elevation above sea level: 379.000 ft.
5) Basic wind speed of 130 mph.
6) Risk Category II.
7) Exposure Category B.
8) Simplified Topographic Factor Procedure for wind speed-up calculations is used.
9) Topographic Category: 1.
10) Crest Height: 0.000 ft.
11) Nominal ice thickness of 1.500 in.
12) Ice thickness is considered to increase with height.
13) Ice density of 56.000 pcf.
14) A wind speed of 50 mph is used in combination with ice.
15) Temperature drop of 50.000 °F.
16) Deflections calculated using a wind speed of 60 mph.
17) A non-linear (P-delta) analysis was used.
18) Pressures are calculated at each section.
19) Stress ratio used in pole design is 1.05.
20) Tower analysis based on target reliabilities in accordance with Annex S.
21) Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
22) 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*	*Section Length*	*Splice Length*	*Number of Sides*	*Top Diameter*	*Bottom Diameter*	*Wall Thickness*	*Bend Radius*	*Pole Grade*
	ft	*ft*	*ft*		*in*	*in*	*in*	*in*	
L1	180.000-140.083	39.917	4.917	16	24.160	31.670	0.219	0.875	S-22 (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
L2	140.083-92.500	52.500	6.000	16	30.307	40.170	0.344	1.375	S-22 (65 ksi)
L3	92.500-45.583	52.917	6.917	16	38.355	48.310	0.438	1.750	S-22 (65 ksi)
L4	45.583-0.000	52.500		16	46.134	56.000	0.500	2.000	S-22 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	24.590	16.707	1209.744	8.523	12.322	98.181	2437.806	8.260	4.373	19.989
	32.248	21.947	2742.628	11.197	16.152	169.804	5526.782	10.852	5.867	26.821
L2	31.776	32.857	3726.790	10.667	15.457	241.110	7510.007	16.246	5.347	15.555
	40.890	43.672	8750.966	14.178	20.487	427.154	17634.432	21.593	7.310	21.265
L3	40.172	52.919	9612.013	13.499	19.561	491.381	19369.563	26.166	6.762	15.456
	49.171	66.812	19343.784	17.043	24.638	785.117	38980.456	33.035	8.743	19.984
L4	48.265	72.786	19148.561	16.246	23.528	813.854	38587.054	35.989	8.186	16.371
	56.999	88.522	34447.206	19.758	28.560	1206.135	69415.984	43.770	10.149	20.298

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 180.000-140.083				1	1	1			
L2 140.083-92.500				1	1	1			
L3 92.500-45.583				1	1	1			
L4 45.583-0.000				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
***										
***										
LDF7-50A(1-5/8)	C	No	Surface Ar (CaAa)	168.000 - 0.000	12	6	0.380 0.500	1.980		0.820
FB-L98B-002-75000(3/8)	C	No	Surface Ar (CaAa)	168.000 - 0.000	2	1	0.350 0.360	0.394		0.059
WR-VG86ST-BRD(3/4)	C	No	Surface Ar (CaAa)	168.000 - 0.000	6	2	0.360 0.380	0.795		0.584
***										
***										

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	C_AA_A ft^2/ft	Weight plf

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
***									
***									
HB114-1-0813U4-M5J(1-1/4)	A	No	No	Inside Pole	177.000 - 0.000	3	No Ice	0.000	1.200
							1/2" Ice	0.000	1.200
							1" Ice	0.000	1.200
							2" Ice	0.000	1.200
HB114-13U3M12-XXXF(1-1/4)	A	No	No	Inside Pole	177.000 - 0.000	1	No Ice	0.000	0.992
							1/2" Ice	0.000	0.992
							1" Ice	0.000	0.992
							2" Ice	0.000	0.992
***									
HB158-1-08U8-S8J18(1-5/8)	C	No	No	Inside Pole	154.000 - 0.000	2	No Ice	0.000	1.300
							1/2" Ice	0.000	1.300
							1" Ice	0.000	1.300
							2" Ice	0.000	1.300
***									
LDF6-50A(1-1/4)	C	No	No	Inside Pole	119.000 - 0.000	9	No Ice	0.000	0.600
							1/2" Ice	0.000	0.600
							1" Ice	0.000	0.600
							2" Ice	0.000	0.600
***									
LDF4-50A(1/2)	A	No	No	Inside Pole	77.000 - 0.000	1	No Ice	0.000	0.150
							1/2" Ice	0.000	0.150
							1" Ice	0.000	0.150
							2" Ice	0.000	0.150
***									
***									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	180.000-140.083	A	0.000	0.000	0.000	0.000	0.170
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	38.703	0.000	0.412
L2	140.083-92.500	A	0.000	0.000	0.000	0.000	0.219
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	65.968	0.000	0.907
L3	92.500-45.583	A	0.000	0.000	0.000	0.000	0.220
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	65.044	0.000	1.007
L4	45.583-0.000	A	0.000	0.000	0.000	0.000	0.216
		B	0.000	0.000	0.000	0.000	0.000
		C	0.000	0.000	63.195	0.000	0.978

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	180.000-140.083	A	1.492	0.000	0.000	0.000	0.000	0.170
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	77.268	0.000	1.467
L2	140.083-92.500	A	1.445	0.000	0.000	0.000	0.000	0.219
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	131.701	0.000	2.706
L3	92.500-45.583	A	1.372	0.000	0.000	0.000	0.000	0.220
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	128.311	0.000	2.715

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L4	45.583-0.000	A	1.226	0.000	0.000	0.000	0.000	0.216
		B		0.000	0.000	0.000	0.000	0.000
		C		0.000	0.000	122.332	0.000	2.540

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	180.000-140.083	-4.524	3.584	-4.086	3.433
L2	140.083-92.500	-5.843	4.631	-5.286	4.445
L3	92.500-45.583	-6.178	4.897	-5.760	4.841
L4	45.583-0.000	-6.427	5.096	-6.110	5.128

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	LDF7-50A(1-5/8)	140.08 - 168.00	1.0000	1.0000
L1	7	FB-L98B-002-75000(3/8)	140.08 - 168.00	1.0000	1.0000
L1	8	WR-VG86ST-BRD(3/4)	140.08 - 168.00	1.0000	1.0000
L2	6	LDF7-50A(1-5/8)	92.50 - 140.08	1.0000	1.0000
L2	7	FB-L98B-002-75000(3/8)	92.50 - 140.08	1.0000	1.0000
L2	8	WR-VG86ST-BRD(3/4)	92.50 - 140.08	1.0000	1.0000
L3	6	LDF7-50A(1-5/8)	45.58 - 92.50	1.0000	1.0000
L3	7	FB-L98B-002-75000(3/8)	45.58 - 92.50	1.0000	1.0000
L3	8	WR-VG86ST-BRD(3/4)	45.58 - 92.50	1.0000	1.0000
L4	6	LDF7-50A(1-5/8)	0.00 - 45.58	1.0000	1.0000
L4	7	FB-L98B-002-75000(3/8)	0.00 - 45.58	1.0000	1.0000
L4	8	WR-VG86ST-BRD(3/4)	0.00 - 45.58	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
***									
***									
***									
***									
NNVV-65B-R4 w/ Mount Pipe	A	From Leg	4.000 0.000 1.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	7.550 8.040 8.530 9.560	4.230 4.670 5.120 6.050	0.110 0.197 0.296 0.529
NNVV-65B-R4 w/ Mount Pipe	B	From Leg	4.000 0.000 1.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	7.550 8.040 8.530 9.560	4.230 4.670 5.120 6.050	0.110 0.197 0.296 0.529
NNVV-65B-R4 w/ Mount Pipe	C	From Leg	4.000 0.000 1.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	7.550 8.040 8.530 9.560	4.230 4.670 5.120 6.050	0.110 0.197 0.296 0.529
APXVTM14-ALU-I20 w/ Mount Pipe	A	From Leg	4.000 0.000 1.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
APXVTM14-ALU-I20 w/ Mount Pipe	B	From Leg	4.000 0.000 1.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
APXVTM14-ALU-I20 w/ Mount Pipe	C	From Leg	4.000 0.000 1.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.090 4.480 4.880 5.710	2.860 3.230 3.610 4.400	0.077 0.127 0.185 0.331
(2) RRH2X50-800	A	From Leg	4.000 0.000 1.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.701 1.864 2.035 2.398	1.282 1.428 1.580 1.908	0.053 0.070 0.090 0.138
(2) RRH2X50-800	B	From Leg	4.000 0.000 1.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.701 1.864 2.035 2.398	1.282 1.428 1.580 1.908	0.053 0.070 0.090 0.138
(2) RRH2X50-800	C	From Leg	4.000 0.000 1.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.701 1.864 2.035 2.398	1.282 1.428 1.580 1.908	0.053 0.070 0.090 0.138
FZHN	A	From Leg	4.000 0.000 1.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.020 2.197 2.381 2.772	0.607 0.715 0.829 1.089	0.044 0.058 0.075 0.116
FZHN	B	From Leg	4.000 0.000 1.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.020 2.197 2.381 2.772	0.607 0.715 0.829 1.089	0.044 0.058 0.075 0.116
FZHN	C	From Leg	4.000 0.000 1.000	0.000	177.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.020 2.197 2.381 2.772	0.607 0.715 0.829 1.089	0.044 0.058 0.075 0.116
PCS 1900MHZ 4X45W-	A	From Leg	4.000	0.000	177.000	No Ice	2.322	2.238	0.060

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* ft ft ft	*Azimuth Adjustment* °	*Placement* ft		C_AA_A *Front* ft^2	C_AA_A *Side* ft^2	*Weight* K
65MHZ			0.000			1/2"	2.527	2.441	0.083
			1.000			Ice	2.739	2.651	0.110
						1" Ice	3.185	3.093	0.173
						2" Ice			
PCS 1900MHZ 4X45W-65MHZ	B	From Leg	4.000	0.000	177.000	No Ice	2.322	2.238	0.060
			0.000			1/2"	2.527	2.441	0.083
			1.000			Ice	2.739	2.651	0.110
						1" Ice	3.185	3.093	0.173
						2" Ice			
PCS 1900MHZ 4X45W-65MHZ	C	From Leg	4.000	0.000	177.000	No Ice	2.322	2.238	0.060
			0.000			1/2"	2.527	2.441	0.083
			1.000			Ice	2.739	2.651	0.110
						1" Ice	3.185	3.093	0.173
						2" Ice			
(2) 7' x 2" Pipe Mount	A	From Leg	4.000	0.000	177.000	No Ice	1.663	1.663	0.026
			0.000			1/2"	2.391	2.391	0.038
			1.000			Ice	2.825	2.825	0.055
						1" Ice	3.706	3.706	0.105
						2" Ice			
(2) 7' x 2" Pipe Mount	B	From Leg	4.000	0.000	177.000	No Ice	1.663	1.663	0.026
			0.000			1/2"	2.391	2.391	0.038
			1.000			Ice	2.825	2.825	0.055
						1" Ice	3.706	3.706	0.105
						2" Ice			
(2) 7' x 2" Pipe Mount	C	From Leg	4.000	0.000	177.000	No Ice	1.663	1.663	0.026
			0.000			1/2"	2.391	2.391	0.038
			1.000			Ice	2.825	2.825	0.055
						1" Ice	3.706	3.706	0.105
						2" Ice			
Platform Mount [LP 601-1]	C	None		0.000	177.000	No Ice	28.500	28.500	1.122
						1/2"	31.690	31.690	1.676
						Ice	34.870	34.870	2.282
						1" Ice	41.230	41.230	3.653
						2" Ice			
Miscellaneous [NA 507-1]	C	None		0.000	177.000	No Ice	4.560	4.560	0.245
						1/2"	6.390	6.390	0.311
						Ice	8.180	8.180	0.402
						1" Ice	11.660	11.660	0.657
						2" Ice			
Miscellaneous [NA 509-3]	C	None		0.000	177.000	No Ice	11.840	11.840	0.275
						1/2"	16.960	16.960	0.296
						Ice	22.080	22.080	0.317
						1" Ice	32.320	32.320	0.360
						2" Ice			
***									
7770.00 w/ Mount Pipe	A	From Leg	4.000	0.000	168.000	No Ice	5.746	4.254	0.055
			0.000			1/2"	6.179	5.014	0.103
			-1.000			Ice	6.607	5.711	0.157
						1" Ice	7.488	7.155	0.287
						2" Ice			
7770.00 w/ Mount Pipe	B	From Leg	4.000	0.000	168.000	No Ice	5.746	4.254	0.055
			0.000			1/2"	6.179	5.014	0.103
			-1.000			Ice	6.607	5.711	0.157
						1" Ice	7.488	7.155	0.287
						2" Ice			
7770.00 w/ Mount Pipe	C	From Leg	4.000	0.000	168.000	No Ice	5.746	4.254	0.055
			0.000			1/2"	6.179	5.014	0.103
			-1.000			Ice	6.607	5.711	0.157
						1" Ice	7.488	7.155	0.287
						2" Ice			
QS66512-2 w/ Mount Pipe	A	From Leg	4.000	0.000	168.000	No Ice	4.040	4.180	0.137
			0.000			1/2"	4.420	4.570	0.206
			-1.000			Ice	4.820	4.970	0.287
						1" Ice	5.630	5.790	0.482
						2" Ice			

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* ft ft ft	*Azimuth Adjustment* °	*Placement* ft		*C_AA_A Front* ft^2	*C_AA_A Side* ft^2	*Weight* K
QS66512-2 w/ Mount Pipe	B	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.040 4.420 4.820 5.630	4.180 4.570 4.970 5.790	0.137 0.206 0.287 0.482
QS66512-2 w/ Mount Pipe	C	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.040 4.420 4.820 5.630	4.180 4.570 4.970 5.790	0.137 0.206 0.287 0.482
RRUS 32 B30	A	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.692 2.912 3.138 3.614	1.573 1.756 1.945 2.346	0.060 0.080 0.104 0.161
RRUS 32 B30	B	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.692 2.912 3.138 3.614	1.573 1.756 1.945 2.346	0.060 0.080 0.104 0.161
RRUS 32 B30	C	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.692 2.912 3.138 3.614	1.573 1.756 1.945 2.346	0.060 0.080 0.104 0.161
RRUS 32 B2	A	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.731 2.953 3.182 3.663	1.668 1.855 2.049 2.458	0.053 0.074 0.098 0.157
RRUS 32 B2	B	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.731 2.953 3.182 3.663	1.668 1.855 2.049 2.458	0.053 0.074 0.098 0.157
RRUS 32 B2	C	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.731 2.953 3.182 3.663	1.668 1.855 2.049 2.458	0.053 0.074 0.098 0.157
DBC0061F1V51-2	A	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.413 0.496 0.586 0.788	0.433 0.518 0.609 0.815	0.025 0.031 0.038 0.057
DBC0061F1V51-2	B	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.413 0.496 0.586 0.788	0.433 0.518 0.609 0.815	0.025 0.031 0.038 0.057
DBC0061F1V51-2	C	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.413 0.496 0.586 0.788	0.433 0.518 0.609 0.815	0.025 0.031 0.038 0.057
(2) 7020.00	A	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.102 0.147 0.199 0.326	0.175 0.239 0.311 0.476	0.002 0.005 0.009 0.022
(2) 7020.00	B	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.102 0.147 0.199 0.326	0.175 0.239 0.311 0.476	0.002 0.005 0.009 0.022

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
(2) 7020.00	C	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.102 0.147 0.199 0.326	0.175 0.239 0.311 0.476	0.002 0.005 0.009 0.022
(3) LGP21401	A	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.104 1.239 1.381 1.688	0.207 0.274 0.348 0.521	0.014 0.021 0.030 0.055
(2) LGP21401	B	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.104 1.239 1.381 1.688	0.207 0.274 0.348 0.521	0.014 0.021 0.030 0.055
LGP21401	C	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.104 1.239 1.381 1.688	0.207 0.274 0.348 0.521	0.014 0.021 0.030 0.055
DC6-48-60-18-8F	B	From Leg	4.000 0.000 1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.212 1.892 2.105 2.570	1.212 1.892 2.105 2.570	0.020 0.042 0.067 0.126
DC6-48-60-18-8F	B	From Leg	4.000 0.000 3.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.212 1.892 2.105 2.570	1.212 1.892 2.105 2.570	0.020 0.042 0.067 0.126
DMP65R-BU6D w/ Mount Pipe	A	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	11.960 12.700 13.460 15.020	5.970 6.630 7.300 8.690	0.115 0.201 0.298 0.529
DMP65R-BU6D w/ Mount Pipe	B	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	11.960 12.700 13.460 15.020	5.970 6.630 7.300 8.690	0.115 0.201 0.298 0.529
DMP65R-BU6D w/ Mount Pipe	C	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	11.960 12.700 13.460 15.020	5.970 6.630 7.300 8.690	0.115 0.201 0.298 0.529
OPA65R-BU6BA-K w/ Mount Pipe	A	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	6.760 7.400 8.060 9.420	6.060 6.690 7.330 8.670	0.098 0.163 0.238 0.423
OPA65R-BU6BA-K w/ Mount Pipe	B	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	6.760 7.400 8.060 9.420	6.060 6.690 7.330 8.670	0.098 0.163 0.238 0.423
OPA65R-BU6BA-K w/ Mount Pipe	C	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	6.760 7.400 8.060 9.420	6.060 6.690 7.330 8.670	0.098 0.163 0.238 0.423
RRUS 32 B66A	A	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.864 3.090 3.323 3.813	1.782 1.973 2.171 2.589	0.055 0.077 0.103 0.165

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
RRUS 32 B66A	B	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.864 3.090 3.323 3.813	1.782 1.973 2.171 2.589	0.055 0.077 0.103 0.165
RRUS 32 B66A	C	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.864 3.090 3.323 3.813	1.782 1.973 2.171 2.589	0.055 0.077 0.103 0.165
RRUS 4449 B5/B12	A	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.968 2.144 2.328 2.718	1.408 1.564 1.727 2.075	0.071 0.090 0.111 0.163
RRUS 4449 B5/B12	B	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.968 2.144 2.328 2.718	1.408 1.564 1.727 2.075	0.071 0.090 0.111 0.163
RRUS 4449 B5/B12	C	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.968 2.144 2.328 2.718	1.408 1.564 1.727 2.075	0.071 0.090 0.111 0.163
RRUS 4478 B14	A	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.843 2.012 2.190 2.566	1.059 1.197 1.342 1.656	0.060 0.076 0.094 0.140
RRUS 4478 B14	B	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.843 2.012 2.190 2.566	1.059 1.197 1.342 1.656	0.060 0.076 0.094 0.140
RRUS 4478 B14	C	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.843 2.012 2.190 2.566	1.059 1.197 1.342 1.656	0.060 0.076 0.094 0.140
DC6-48-60-0-8F	A	From Leg	4.000 0.000 -1.000	0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.917 1.458 1.643 2.042	0.917 1.458 1.643 2.042	0.033 0.051 0.071 0.119
Platform Mount [LP 303-1_HR-1]	C	None		0.000	168.000	No Ice 1/2" Ice 1" Ice 2" Ice	17.090 21.470 25.720 33.960	17.090 21.470 25.720 33.960	1.495 1.881 2.346 3.518
***									
(2) HBXX-6517DS-A2M w/ Mount Pipe	A	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	7.970 8.730 9.500 11.110	5.990 6.720 7.470 9.020	0.078 0.141 0.216 0.399
(2) HBXX-6517DS-A2M w/ Mount Pipe	B	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	7.970 8.730 9.500 11.110	5.990 6.720 7.470 9.020	0.078 0.141 0.216 0.399
(2) HBXX-6517DS-A2M w/ Mount Pipe	C	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice	7.970 8.730 9.500 11.110	5.990 6.720 7.470 9.020	0.078 0.141 0.216 0.399

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						2" Ice			
(2) LNX-6515DS-A1M w/ Mount Pipe	A	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	5.310 5.800 6.300 7.330	4.270 4.750 5.240 6.240	0.083 0.165 0.261 0.495
(2) LNX-6515DS-A1M w/ Mount Pipe	B	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	5.310 5.800 6.300 7.330	4.270 4.750 5.240 6.240	0.083 0.165 0.261 0.495
(2) LNX-6515DS-A1M w/ Mount Pipe	C	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	5.310 5.800 6.300 7.330	4.270 4.750 5.240 6.240	0.083 0.165 0.261 0.495
B66A RRH4X45	A	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.580 2.794 3.015 3.479	1.630 1.811 1.999 2.396	0.067 0.087 0.111 0.168
B66A RRH4X45	B	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.580 2.794 3.015 3.479	1.630 1.811 1.999 2.396	0.067 0.087 0.111 0.168
B66A RRH4X45	C	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	2.580 2.794 3.015 3.479	1.630 1.811 1.999 2.396	0.067 0.087 0.111 0.168
DB-T1-6Z-8AB-0Z	B	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.800 5.070 5.348 5.926	2.000 2.193 2.393 2.815	0.044 0.080 0.120 0.213
DB-T1-6Z-8AB-0Z	C	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	4.800 5.070 5.348 5.926	2.000 2.193 2.393 2.815	0.044 0.080 0.120 0.213
RRH2X60-AWS	A	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.500 3.761 4.029 4.585	1.816 2.052 2.289 2.785	0.060 0.083 0.109 0.173
RRH2X60-AWS	B	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.500 3.761 4.029 4.585	1.816 2.052 2.289 2.785	0.060 0.083 0.109 0.173
RRH2X60-AWS	C	From Leg	4.000 0.000 3.000	0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.500 3.761 4.029 4.585	1.816 2.052 2.289 2.785	0.060 0.083 0.109 0.173
Platform Mount [LP 304-1]	C	None		0.000	154.000	No Ice 1/2" Ice 1" Ice 2" Ice	17.490 21.370 25.280 33.170	17.490 21.370 25.280 33.170	1.349 1.709 2.131 3.164
***									
DB225-K	A	From Leg	4.000 0.000 5.000	0.000	119.000	No Ice 1/2" Ice	0.450 0.810 1.170	0.450 0.810 1.170	0.003 0.004 0.005

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice 2" Ice	1.890	1.890	0.007
(2) DB264-A	A	From Leg	4.000 0.000 12.000	0.000	119.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.160 5.688 8.216 13.272	3.160 5.688 8.216 13.272	0.036 0.047 0.058 0.079
DB264-A	B	From Leg	4.000 0.000 12.000	0.000	119.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.160 5.688 8.216 13.272	3.160 5.688 8.216 13.272	0.036 0.047 0.058 0.079
(2) DB264-A	C	From Leg	4.000 0.000 12.000	0.000	119.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.160 5.688 8.216 13.272	3.160 5.688 8.216 13.272	0.036 0.047 0.058 0.079
DB230-E	A	From Leg	4.000 0.000 3.000	0.000	119.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.500 0.900 1.300 2.100	0.500 0.900 1.300 2.100	0.027 0.035 0.043 0.059
DB230-E	A	From Leg	4.000 0.000 1.000	0.000	119.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.500 0.900 1.300 2.100	0.500 0.900 1.300 2.100	0.027 0.035 0.043 0.059
DB420	B	From Leg	4.000 0.000 9.000	0.000	119.000	No Ice 1/2" Ice 1" Ice 2" Ice	3.330 5.994 8.658 13.986	3.330 5.994 8.658 13.986	0.034 0.044 0.054 0.075
(3) 5' x 2" Pipe Mount	A	From Leg	4.000 0.000 0.000	0.000	119.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.188 1.496 1.807 2.458	1.188 1.496 1.807 2.458	0.018 0.027 0.040 0.076
(4) 5' x 2" Pipe Mount	B	From Leg	4.000 0.000 0.000	0.000	119.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.188 1.496 1.807 2.458	1.188 1.496 1.807 2.458	0.018 0.027 0.040 0.076
(3) 5' x 2" Pipe Mount	C	From Leg	4.000 0.000 0.000	0.000	119.000	No Ice 1/2" Ice 1" Ice 2" Ice	1.188 1.496 1.807 2.458	1.188 1.496 1.807 2.458	0.018 0.027 0.040 0.076
Platform Mount [LP 304-1]	C	None		0.000	119.000	No Ice 1/2" Ice 1" Ice 2" Ice	17.490 21.370 25.280 33.170	17.490 21.370 25.280 33.170	1.349 1.709 2.131 3.164
***									
KS24019-L112A	A	From Leg	3.000 0.000 1.000	0.000	77.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.100 0.180 0.260 0.420	0.100 0.180 0.260 0.420	0.005 0.006 0.008 0.011
Side Arm Mount [SO 701-1]	A	From Leg	1.500 0.000 0.000	0.000	77.000	No Ice 1/2" Ice 1" Ice 2" Ice	0.850 1.140 1.430 2.010	1.670 2.340 3.010 4.350	0.065 0.079 0.093 0.121
*** ***									

Load Combinations

Comb. No.	Description
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
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

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	180 - 140.083	Pole	Max Tension	21	0.000	-0.000	0.000
			Max. Compression	26	-33.433	-1.175	-2.685

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Mx	8	-13.109	-397.036	-0.992
			Max. My	14	-13.116	-0.654	-397.302
			Max. Vy	8	18.490	-397.036	-0.992
			Max. Vx	14	18.434	-0.654	-397.302
			Max. Torque	5			-0.591
L2	140.083 - 92.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-51.373	-1.566	-6.810
			Max. Mx	8	-24.273	-1416.549	-2.701
			Max. My	14	-24.279	-1.524	-1414.966
			Max. Vy	8	25.217	-1416.549	-2.701
			Max. Vx	14	25.160	-1.524	-1414.966
			Max. Torque	5			-0.704
L3	92.5 - 45.5833	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-70.682	-1.643	-11.624
			Max. Mx	8	-38.553	-2684.096	-4.686
			Max. My	14	-38.557	-2.289	-2680.287
			Max. Vy	8	29.730	-2684.096	-4.686
			Max. Vx	14	29.642	-2.289	-2680.287
			Max. Torque	5			-0.702
L4	45.5833 - 0	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-98.060	-1.660	-17.750
			Max. Mx	8	-60.301	-4355.725	-7.467
			Max. My	14	-60.301	-3.114	-4349.246
			Max. Vy	8	33.736	-4355.725	-7.467
			Max. Vx	14	33.650	-3.114	-4349.246
			Max. Torque	3			-0.659

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	33	98.060	-0.003	-8.116
	Max. H_x	21	45.245	33.691	0.015
	Max. H_z	3	45.245	0.015	33.605
	Max. M_x	2	4339.757	0.015	33.605
	Max. M_z	8	4355.725	-33.691	-0.015
	Max. Torsion	15	0.656	-0.015	-33.605
	Min. Vert	5	45.245	-16.832	29.095
	Min. H_x	9	45.245	-33.691	-0.015
	Min. H_z	15	45.245	-0.015	-33.605
	Min. M_x	14	-4349.246	-0.015	-33.605
	Min. M_z	20	-4354.903	33.691	0.015
	Min. Torsion	3	-0.659	0.015	33.605

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	50.272	0.000	0.000	3.783	-0.319	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	60.327	-0.015	-33.605	-4339.757	2.302	0.655
0.9 Dead+1.0 Wind 0 deg - No Ice	45.245	-0.015	-33.605	-4282.103	2.370	0.659
1.2 Dead+1.0 Wind 30 deg - No Ice	60.327	16.832	-29.095	-3756.353	-2175.744	0.577
0.9 Dead+1.0 Wind 30 deg - No Ice	45.245	16.832	-29.095	-3706.620	-2146.165	0.581

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
1.2 Dead+1.0 Wind 60 deg - No Ice	60.327	29.170	-16.789	-2165.147	-3770.893	0.341
0.9 Dead+1.0 Wind 60 deg - No Ice	45.245	29.170	-16.789	-2136.982	-3719.700	0.342
1.2 Dead+1.0 Wind 90 deg - No Ice	60.327	33.691	0.015	7.467	-4355.725	0.009
0.9 Dead+1.0 Wind 90 deg - No Ice	45.245	33.691	0.015	6.187	-4296.596	0.009
1.2 Dead+1.0 Wind 120 deg - No Ice	60.327	30.132	17.362	2246.001	-3889.035	-0.324
0.9 Dead+1.0 Wind 120 deg - No Ice	45.245	30.132	17.362	2214.505	-3836.445	-0.326
1.2 Dead+1.0 Wind 150 deg - No Ice	60.327	17.678	30.529	3931.098	-2274.263	-0.565
0.9 Dead+1.0 Wind 150 deg - No Ice	45.245	17.678	30.529	3876.966	-2243.526	-0.569
1.2 Dead+1.0 Wind 180 deg - No Ice	60.327	0.015	33.605	4349.246	-3.114	-0.652
0.9 Dead+1.0 Wind 180 deg - No Ice	45.245	0.015	33.605	4289.124	-2.963	-0.656
1.2 Dead+1.0 Wind 210 deg - No Ice	60.327	-16.832	29.095	3765.845	2174.917	-0.565
0.9 Dead+1.0 Wind 210 deg - No Ice	45.245	-16.832	29.095	3713.643	2145.560	-0.568
1.2 Dead+1.0 Wind 240 deg - No Ice	60.327	-29.170	16.789	2174.653	3770.061	-0.331
0.9 Dead+1.0 Wind 240 deg - No Ice	45.245	-29.170	16.789	2144.015	3719.092	-0.333
1.2 Dead+1.0 Wind 270 deg - No Ice	60.327	-33.691	-0.015	2.051	4354.903	-0.011
0.9 Dead+1.0 Wind 270 deg - No Ice	45.245	-33.691	-0.015	0.855	4295.995	-0.011
1.2 Dead+1.0 Wind 300 deg - No Ice	60.327	-30.132	-17.362	-2236.487	3888.229	0.312
0.9 Dead+1.0 Wind 300 deg - No Ice	45.245	-30.132	-17.362	-2207.466	3835.855	0.314
1.2 Dead+1.0 Wind 330 deg - No Ice	60.327	-17.678	-30.529	-3921.600	2273.464	0.555
0.9 Dead+1.0 Wind 330 deg - No Ice	45.245	-17.678	-30.529	-3869.939	2242.942	0.559
1.2 Dead+1.0 Ice+1.0 Temp	98.060	0.000	0.000	17.750	-1.660	0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	98.060	-0.003	-8.116	-1071.323	-1.148	0.181
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	98.060	4.065	-7.027	-925.130	-546.873	0.107
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	98.060	7.043	-4.056	-526.251	-946.511	0.005
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	98.060	8.134	0.003	18.433	-1092.978	-0.099
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	98.060	7.046	4.060	562.975	-947.032	-0.176
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	98.060	4.069	7.030	961.464	-547.779	-0.206
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	98.060	0.003	8.116	1107.128	-2.200	-0.180
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	98.060	-4.065	7.027	960.938	543.520	-0.106
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	98.060	-7.043	4.056	562.064	943.157	-0.004
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	98.060	-8.134	-0.003	17.382	1089.629	0.099
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	98.060	-7.046	-4.060	-527.161	943.687	0.176
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	98.060	-4.069	-7.030	-925.656	544.435	0.206
Dead+Wind 0 deg - Service	50.272	-0.003	-6.742	-861.205	0.197	0.133
Dead+Wind 30 deg - Service	50.272	3.377	-5.837	-745.028	-433.527	0.117
Dead+Wind 60 deg - Service	50.272	5.852	-3.368	-428.167	-751.179	0.069
Dead+Wind 90 deg - Service	50.272	6.759	0.003	4.477	-867.645	0.003

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
Dead+Wind 120 deg - Service	50.272	6.045	3.483	450.300	-774.795	-0.065
Dead+Wind 150 deg - Service	50.272	3.547	6.125	785.935	-453.219	-0.114
Dead+Wind 180 deg - Service	50.272	0.003	6.742	869.080	-0.880	-0.133
Dead+Wind 210 deg - Service	50.272	-3.377	5.837	752.904	432.843	-0.117
Dead+Wind 240 deg - Service	50.272	-5.852	3.368	436.043	750.495	-0.069
Dead+Wind 270 deg - Service	50.272	-6.759	-0.003	3.399	866.961	-0.003
Dead+Wind 300 deg - Service	50.272	-6.045	-3.483	-442.423	774.112	0.064
Dead+Wind 330 deg - Service	50.272	-3.547	-6.125	-778.059	452.536	0.114

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX	PY	PZ	PX	PY	PZ	% Error
	K	K	K	K	K	K	
1	0.000	-50.272	0.000	0.000	50.272	0.000	0.000%
2	-0.015	-60.327	-33.605	0.015	60.327	33.605	0.000%
3	-0.015	-45.245	-33.605	0.015	45.245	33.605	0.000%
4	16.832	-60.327	-29.095	-16.832	60.327	29.095	0.000%
5	16.832	-45.245	-29.095	-16.832	45.245	29.095	0.000%
6	29.170	-60.327	-16.789	-29.170	60.327	16.789	0.000%
7	29.170	-45.245	-16.789	-29.170	45.245	16.789	0.000%
8	33.691	-60.327	0.015	-33.691	60.327	-0.015	0.000%
9	33.691	-45.245	0.015	-33.691	45.245	-0.015	0.000%
10	30.132	-60.327	17.362	-30.132	60.327	-17.362	0.000%
11	30.132	-45.245	17.362	-30.132	45.245	-17.362	0.000%
12	17.678	-60.327	30.529	-17.678	60.327	-30.529	0.000%
13	17.678	-45.245	30.529	-17.678	45.245	-30.529	0.000%
14	0.015	-60.327	33.605	-0.015	60.327	-33.605	0.000%
15	0.015	-45.245	33.605	-0.015	45.245	-33.605	0.000%
16	-16.832	-60.327	29.095	16.832	60.327	-29.095	0.000%
17	-16.832	-45.245	29.095	16.832	45.245	-29.095	0.000%
18	-29.170	-60.327	16.789	29.170	60.327	-16.789	0.000%
19	-29.170	-45.245	16.789	29.170	45.245	-16.789	0.000%
20	-33.691	-60.327	-0.015	33.691	60.327	0.015	0.000%
21	-33.691	-45.245	-0.015	33.691	45.245	0.015	0.000%
22	-30.132	-60.327	-17.362	30.132	60.327	17.362	0.000%
23	-30.132	-45.245	-17.362	30.132	45.245	17.362	0.000%
24	-17.678	-60.327	-30.529	17.678	60.327	30.529	0.000%
25	-17.678	-45.245	-30.529	17.678	45.245	30.529	0.000%
26	0.000	-98.060	0.000	-0.000	98.060	-0.000	0.000%
27	-0.003	-98.060	-8.116	0.003	98.060	8.116	0.000%
28	4.065	-98.060	-7.027	-4.065	98.060	7.027	0.000%
29	7.043	-98.060	-4.055	-7.043	98.060	4.056	0.000%
30	8.134	-98.060	0.003	-8.134	98.060	-0.003	0.000%
31	7.046	-98.060	4.060	-7.046	98.060	-4.060	0.000%
32	4.069	-98.060	7.030	-4.069	98.060	-7.030	0.000%
33	0.003	-98.060	8.116	-0.003	98.060	-8.116	0.000%
34	-4.065	-98.060	7.027	4.065	98.060	-7.027	0.000%
35	-7.043	-98.060	4.055	7.043	98.060	-4.056	0.000%
36	-8.134	-98.060	-0.003	8.134	98.060	0.003	0.000%
37	-7.046	-98.060	-4.060	7.046	98.060	4.060	0.000%
38	-4.069	-98.060	-7.030	4.069	98.060	7.030	0.000%
39	-0.003	-50.272	-6.742	0.003	50.272	6.742	0.000%
40	3.377	-50.272	-5.837	-3.377	50.272	5.837	0.000%
41	5.852	-50.272	-3.368	-5.852	50.272	3.368	0.000%
42	6.759	-50.272	0.003	-6.759	50.272	-0.003	0.000%
43	6.045	-50.272	3.483	-6.045	50.272	-3.483	0.000%
44	3.547	-50.272	6.125	-3.547	50.272	-6.125	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
45	0.003	-50.272	6.742	-0.003	50.272	-6.742	0.000%
46	-3.377	-50.272	5.837	3.377	50.272	-5.837	0.000%
47	-5.852	-50.272	3.368	5.852	50.272	-3.368	0.000%
48	-6.759	-50.272	-0.003	6.759	50.272	0.003	0.000%
49	-6.045	-50.272	-3.483	6.045	50.272	3.483	0.000%
50	-3.547	-50.272	-6.125	3.547	50.272	6.125	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	5	0.00000001	0.00003614
3	Yes	4	0.00000001	0.00048250
4	Yes	6	0.00000001	0.00015778
5	Yes	6	0.00000001	0.00005098
6	Yes	6	0.00000001	0.00015533
7	Yes	6	0.00000001	0.00005008
8	Yes	5	0.00000001	0.00002933
9	Yes	4	0.00000001	0.00041222
10	Yes	6	0.00000001	0.00016409
11	Yes	6	0.00000001	0.00005226
12	Yes	6	0.00000001	0.00016781
13	Yes	6	0.00000001	0.00005330
14	Yes	5	0.00000001	0.00004454
15	Yes	4	0.00000001	0.00055270
16	Yes	6	0.00000001	0.00015552
17	Yes	6	0.00000001	0.00005008
18	Yes	6	0.00000001	0.00015794
19	Yes	6	0.00000001	0.00005096
20	Yes	5	0.00000001	0.00002228
21	Yes	4	0.00000001	0.00036803
22	Yes	6	0.00000001	0.00016391
23	Yes	6	0.00000001	0.00005232
24	Yes	6	0.00000001	0.00016540
25	Yes	6	0.00000001	0.00005251
26	Yes	4	0.00000001	0.00008442
27	Yes	5	0.00000001	0.00061125
28	Yes	5	0.00000001	0.00083429
29	Yes	5	0.00000001	0.00082894
30	Yes	5	0.00000001	0.00062572
31	Yes	5	0.00000001	0.00086851
32	Yes	5	0.00000001	0.00087018
33	Yes	5	0.00000001	0.00063366
34	Yes	5	0.00000001	0.00085643
35	Yes	5	0.00000001	0.00086277
36	Yes	5	0.00000001	0.00062150
37	Yes	5	0.00000001	0.00082681
38	Yes	5	0.00000001	0.00082454
39	Yes	4	0.00000001	0.00006168
40	Yes	4	0.00000001	0.00044060
41	Yes	4	0.00000001	0.00041695
42	Yes	4	0.00000001	0.00005818
43	Yes	4	0.00000001	0.00046687
44	Yes	4	0.00000001	0.00048980
45	Yes	4	0.00000001	0.00006297
46	Yes	4	0.00000001	0.00042090
47	Yes	4	0.00000001	0.00044459
48	Yes	4	0.00000001	0.00005774
49	Yes	4	0.00000001	0.00046007
50	Yes	4	0.00000001	0.00046196

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	180 - 140.083	26.804	44	1.303	0.001
L2	145 - 92.5	17.554	44	1.163	0.001
L3	98.5 - 45.5833	7.922	44	0.772	0.000
L4	52.5 - 0	2.226	44	0.388	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
177.000	NNVV-65B-R4 w/ Mount Pipe	44	25.983	1.294	0.001	52801
168.000	7770.00 w/ Mount Pipe	44	23.534	1.266	0.001	22000
154.000	(2) HBXX-6517DS-A2M w/ Mount Pipe	44	19.824	1.211	0.001	10153
119.000	DB225-K	44	11.717	0.961	0.000	7052
77.000	KS24019-L112A	44	4.754	0.584	0.000	6262

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	180 - 140.083	134.076	12	6.529	0.005
L2	145 - 92.5	87.873	12	5.833	0.003
L3	98.5 - 45.5833	39.683	12	3.871	0.001
L4	52.5 - 0	11.152	12	1.944	0.000

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
177.000	NNVV-65B-R4 w/ Mount Pipe	12	129.978	6.484	0.005	10850
168.000	7770.00 w/ Mount Pipe	12	117.747	6.344	0.004	4519
154.000	(2) HBXX-6517DS-A2M w/ Mount Pipe	12	99.217	6.071	0.004	2082
119.000	DB225-K	12	58.680	4.820	0.002	1430
77.000	KS24019-L112A	12	23.814	2.930	0.001	1256

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	180 - 140.083	TP31.67x24.16x0.219	39.917	0.000	0.0	21.302	-13.017	1246.140	0.010

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
	(1)								
L2	140.083 - 92.5 (2)	TP40.17x30.307x0.344	52.500	0.000	0.0	42.436	-24.139	2482.510	0.010
L3	92.5 - 45.5833 (3)	TP48.31x38.355x0.438	52.917	0.000	0.0	64.996	-38.462	3802.270	0.010
L4	45.5833 - 0 (4)	TP56x46.134x0.5	52.500	0.000	0.0	88.522	-60.299	5178.570	0.012

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	180 - 140.083 (1)	TP31.67x24.16x0.219	404.296	864.217	0.468	0.000	864.217	0.000
L2	140.083 - 92.5 (2)	TP40.17x30.307x0.344	1457.192	2362.525	0.617	0.000	2362.525	0.000
L3	92.5 - 45.5833 (3)	TP48.31x38.355x0.438	2786.242	4429.283	0.629	0.000	4429.283	0.000
L4	45.5833 - 0 (4)	TP56x46.134x0.5	4541.567	7099.141	0.640	0.000	7099.141	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	180 - 140.083 (1)	TP31.67x24.16x0.219	18.841	373.843	0.050	0.173	1000.683	0.000
L2	140.083 - 92.5 (2)	TP40.17x30.307x0.344	26.307	744.752	0.035	0.446	2527.250	0.000
L3	92.5 - 45.5833 (3)	TP48.31x38.355x0.438	31.218	1140.680	0.027	0.566	4658.217	0.000
L4	45.5833 - 0 (4)	TP56x46.134x0.5	35.326	1553.570	0.023	0.565	7560.667	0.000

Pole Interaction Design Data

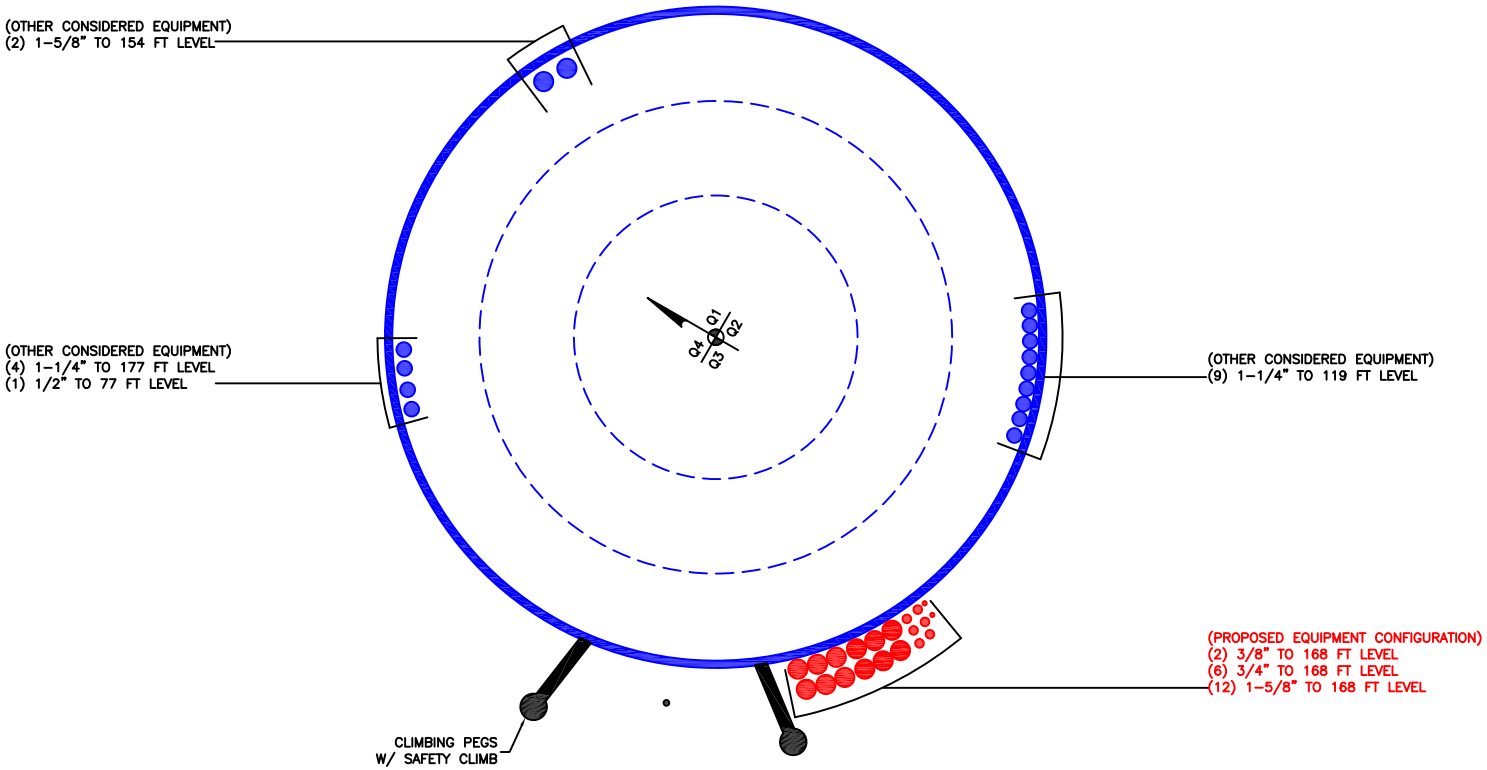
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	180 - 140.083 (1)	0.010	0.468	0.000	0.050	0.000	0.481	1.050	4.8.2
L2	140.083 - 92.5 (2)	0.010	0.617	0.000	0.035	0.000	0.628	1.050	4.8.2
L3	92.5 - 45.5833 (3)	0.010	0.629	0.000	0.027	0.000	0.640	1.050	4.8.2
L4	45.5833 - 0 (4)	0.012	0.640	0.000	0.023	0.000	0.652	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	180 - 140.083	Pole	TP31.67x24.16x0.219	1	-13.017	1308.447	45.8	Pass
L2	140.083 - 92.5	Pole	TP40.17x30.307x0.344	2	-24.139	2606.635	59.8	Pass
L3	92.5 - 45.5833	Pole	TP48.31x38.355x0.438	3	-38.462	3992.383	60.9	Pass
L4	45.5833 - 0	Pole	TP56x46.134x0.5	4	-60.299	5437.498	62.1	Pass
							Summary	
						Pole (L4)	62.1	Pass
						RATING =	**62.1**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT)
(2) 1-5/8" TO 154 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(4) 1-1/4" TO 177 FT LEVEL
(1) 1/2" TO 77 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(9) 1-1/4" TO 119 FT LEVEL
Q1
Q2
Q3
Q4
(PROPOSED EQUIPMENT CONFIGURATION)
(2) 3/8" TO 168 FT LEVEL
(6) 3/4" TO 168 FT LEVEL
(12) 1-5/8" TO 168 FT LEVEL
CLIMBING PEGS
W/ SAFETY CLIMB

APPENDIX C

ADDITIONAL CALCULATIONS

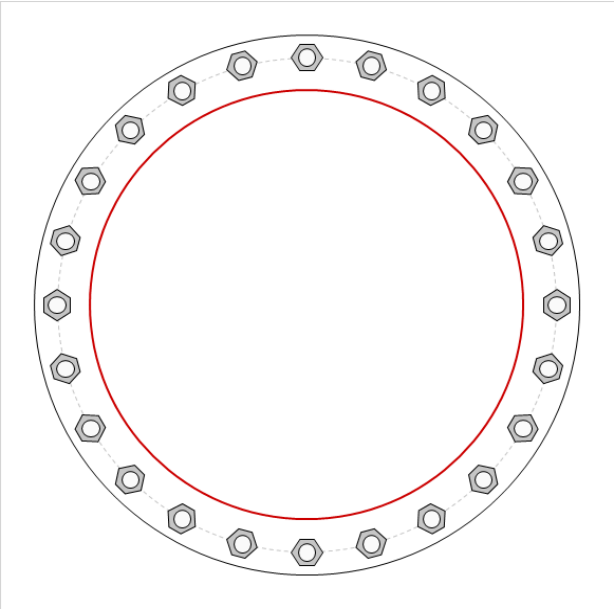
Monopole Base Plate Connection

Site Info	
BU #	876368
Site Name	LAKE/EAST HAMPTON
Order #	528756 Rev. 1

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	2

Applied Loads	
Moment (kip-ft)	4541.56
Axial Force (kips)	60.30
Shear Force (kips)	35.33

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(24) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 64.48" BC

Base Plate Data

70.48" OD x 3" Plate (S-128; Fy=60 ksi, Fu=80 ksi)

Stiffener Data

N/A

Pole Data

56" x 0.5" 16-sided pole (S-22; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Anchor Rod Summary *(units of kips, kip-in)*

Pu_c = 143.31	ϕPn_c = 268.39	**Stress Rating**
Vu = 1.47	ϕVn = 120.77	**50.9%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	22.25	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**39.2%**	**Pass**

Pier and Pad Foundation

BU # :	876368
Site Name:	YANKEE LAKE/EA
App. Number:	528756 Rev. 1

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp}:	60.33	kips
Base Shear, Vu_comp:	35.28	kips
Moment, M_u:	4541.56	ft-kips
Tower Height, **H**:	180	ft
BP Dist. Above Fdn, bp_{dist}:	3.5	in

Pier Properties		
Pier Shape:	Circular	
Pier Diameter, **dpier**:	8	ft
Ext. Above Grade, **E**:	0.5	ft
Pier Rebar Size, **Sc**:	11	
Pier Rebar Quantity, **mc**:	36	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	8	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties		
Depth, **D**:	7	ft
Pad Width, W_1:	27.5	ft
Pad Thickness, **T**:	3	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	9	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	36	
Pad Clear Cover, cc_{pad}:	3	in

Material Properties		
Rebar Grade, **Fy**:	60	ksi
Concrete Compressive Strength, **F'c**:	3	ksi
Dry Concrete Density, δ**c**:	150	pcf

Soil Properties		
Total Soil Unit Weight, γ:	130	pcf
Ultimate Gross Bearing, Qult:	8.000	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	34	degrees
SPT Blow Count, N_{blows}:	16	
Base Friction, μ:		
Neglected Depth, **N**:	4.00	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	N/A	ft

<--Toggle between Gross and Net

Foundation Analysis Checks	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	379.64	35.28	**8.9%**	**Pass**
Bearing Pressure (ksf)	6.00	2.26	**37.7%**	**Pass**
*Overturning (kip*ft)*	8294.28	4816.45	**58.1%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	9986.70	4700.32	**44.8%**	**Pass**
Pier Compression (kip)	23994.73	101.05	**0.4%**	**Pass**
*Pad Flexure (kip*ft)*	4863.98	1588.20	**31.1%**	**Pass**
Pad Shear - 1-way (kips)	848.83	231.19	**25.9%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.164	0.040	**23.1%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	5977.29	2820.19	**44.9%**	**Pass**

**Rating per TIA-222-H Section 15.5*

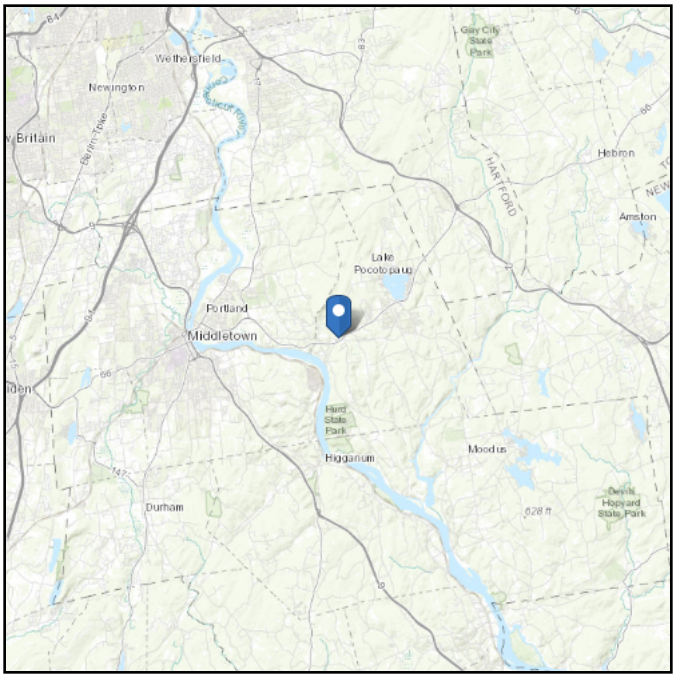
Soil Rating*:	**58.1%**
Structural Rating*:	**44.9%**

Version 4.0.1

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-10	**Elevation:**	378.98 ft (NAVD 88)
Risk Category:	II	**Latitude:**	41.564761
Soil Class:	D - Stiff Soil	**Longitude:**	-72.543106



Wind

Results:

Wind Speed:	130 Vmph	**wind speed per jurisdiction requirements*
10-year MRI	78 Vmph	
25-year MRI	87 Vmph	
50-year MRI	95 Vmph	
100-year MRI	103 Vmph	

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

Date Accessed: Fri Dec 11 2020

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

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

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

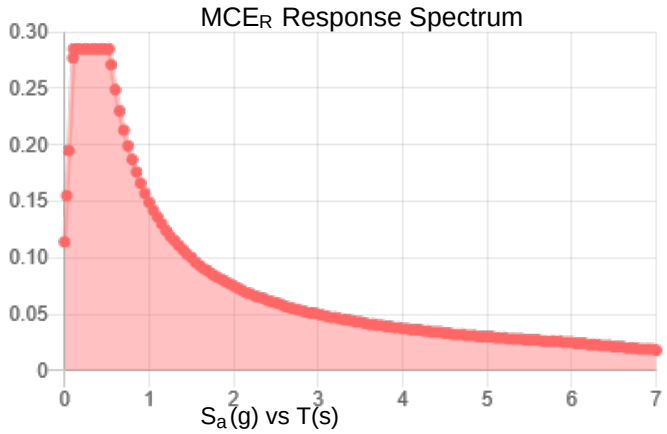
Seismic

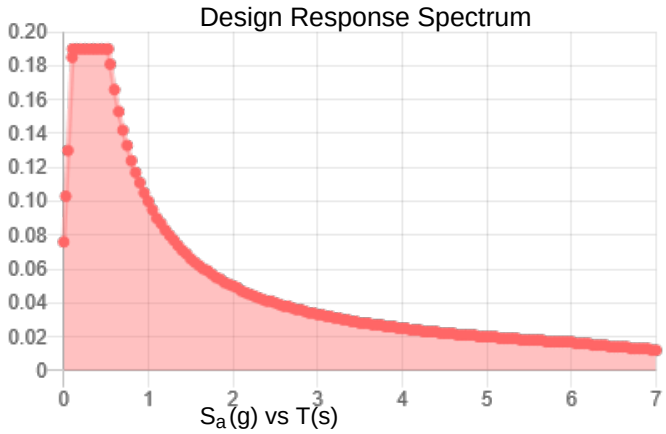
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.178	S_{DS} :	0.19
S_1 :	0.062	S_{D1} :	0.1
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.09
S_{MS} :	0.285	PGA_M :	0.144
S_{M1} :	0.149	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B





Data Accessed: Fri Dec 11 2020

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

Ice

Results:

Ice Thickness:	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:	Fri Dec 11 2020

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

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

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Exhibit E

Date: **December 7, 2020**

Kevin Morrow
Crown Castle
6325 Ardrey Kell Rd, Suite 600
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**	
	Carrier Site Number:	**27077**
	Carrier Site Name:	**CTL05838**
	FA Number:	**10071008**
	Pace Number:	**MRCTB048902**
Crown Castle Designation:	**Crown Castle BU Number:**	**876368**
	Crown Castle Site Name:	**YANKEE LAKE/EAST HAMPTON/TOWN**
	Crown Castle JDE Job Number:	**619233**
	Crown Castle Order Number:	**528756 Rev. 1**
Engineering Firm Designation:	**POD Report Designation:**	**20-71920**
Site Data:	**1 Public Works Dr, East Hampton, Middlesex County, CT 06032 Latitude 41° 33' 53.14" Longitude -72° 32' 35.18"**	
Structure Information:	**Tower Height & Type:**	**180 ft Monopole**
	Mount Elevation:	**168.29 ft**
	Mount Type:	**13 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:

13 ft Platform with Support Rails (Multiple Sector) **Sufficient**

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

Mount structural analysis prepared by: Logan Traphagen

Respectfully submitted by:

12/7/20

Jason Cheronis, PE
Connecticut PE#: 0032793

TABLE OF CONTENTS

1) INTRODUCTION

This mount is an existing 13 ft Platform with Support Rails mapped by Hightower Solutions, Inc. This mount is installed at the 168.29 ft elevation of the 180 ft Monopole.

2) ANALYSIS CRITERIA

Building Code:	2015 IBC & 2018 CBC
TIA-222 Revision:	TIA-222-H
Risk Category:	II
Ultimate Wind Speed:	130 mph
Exposure Category:	B
Topographic Factor at Base:	1.000
Topographic Factor at Mount:	1.000
Ice Thickness:	1.0 in
Wind Speed with Ice:	50 mph
Seismic S_s:	0.177
Seismic S_1:	0.062
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 - Proposed Equipment Configuration

Mount Centerline (ft)	Antenna Centerline (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Mount / Modification Details	Note
168.29	171.54	3	ERICSSON	RRUS 32 B2	13 ft Platform with Support Rails	1,2
	171.42	3	ERICSSON	RRUS 32 B30		
	169.08	1	RAYCAP	DC6-48-60-18-8F		
	169	3	KAELUS	DBC0061F1V51-2		1
		6	POWERWAVE TECHNOLOGIES	7020.00		
		6	POWERWAVE TECHNOLOGIES	LGP21401		
	168.91	1	RAYCAP	DC6-48-60-18-8F		1,2
	168.16	3	POWERWAVE TECHNOLOGIES	7770.00		
	167.58	3	QUINTEL TECHNOLOGY	QS66512-2		
	167	3	CCI ANTENNAS	DMP65R-BU6D		1
		3	CCI ANTENNAS	OPA65R-BU6BA-K		
		3	ERICSSON	RRUS 32 B66A		
		3	ERICSSON	RRUS 4449 B5/B12		
		3	ERICSSON	RRUS 4478 B14		
		1	RAYCAP	DC6-48-60-0-8F		

Notes:
1) Mount centerline based upon mount mapping report
2) Equipment centerline based upon mount mapping report

3) ANALYSIS PROCEDURE

Table 2 - Documents Provided

Document	Remarks	Reference	Source
Crown Application	-	Crown Castle App 528756 Rev. 1 Dated: 11/11/2020	Crown Castle
RFDS	-	AT&T Name: CTL05838 Dated: 8/19/2020	Crown Castle
Structural Analysis	-	Crown Castle Report #: 1598906 Dated: 7/12/2018	Crown Castle
Mount Mapping Report	-	Hightower Solutions, Inc Site #: 876368 Dated: 12/1/2020	Crown Castle

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 Appendices 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. This is not a condition assessment of the mount, structure, or foundation.
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) The purpose of this report is to assess the feasibility of adding appurtenances usually accompanied by transmission lines to the structure. POD Group does not analyze the fabrication of the mount or structure (including welding).
6) 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.
7) Mount Pipe 2 assumed to be moved right 0.5 ft when looking at the mount from the front on each sector in order to achieve proposed equipment spacing.
8) Steel grades have been assumed as follows, unless noted otherwise:
    a. 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 (13 ft Platform with Support Rails)

Notes	Component	Critical Member	Centerline (ft)	% Capacity	Pass / Fail
1	Face	FACE2	168.29	20.6	Pass
	Rail	RAIL2		67.4	Pass
	Standoff	SO2		54.6	Pass
	Corner	CR2		31.8	Pass
	Plate	PL4		58.5	Pass
	Mount Pipe	MP GAMMA3		63.1	Pass
	Rod	R1		44.1	Pass
	Connection	ANGLE2		67.7	Pass
	Flange Plate Bolts	-		6.9	Pass
	Flange Plate	-		66.6	Pass

Structure Rating (max from all components) =	67.7%

Notes:
1) See additional documentation in "Appendix C – Software Analysis Output" and "Appendix D – Additional Calculations" for calculations supporting the % capacity

4.1) Recommendations

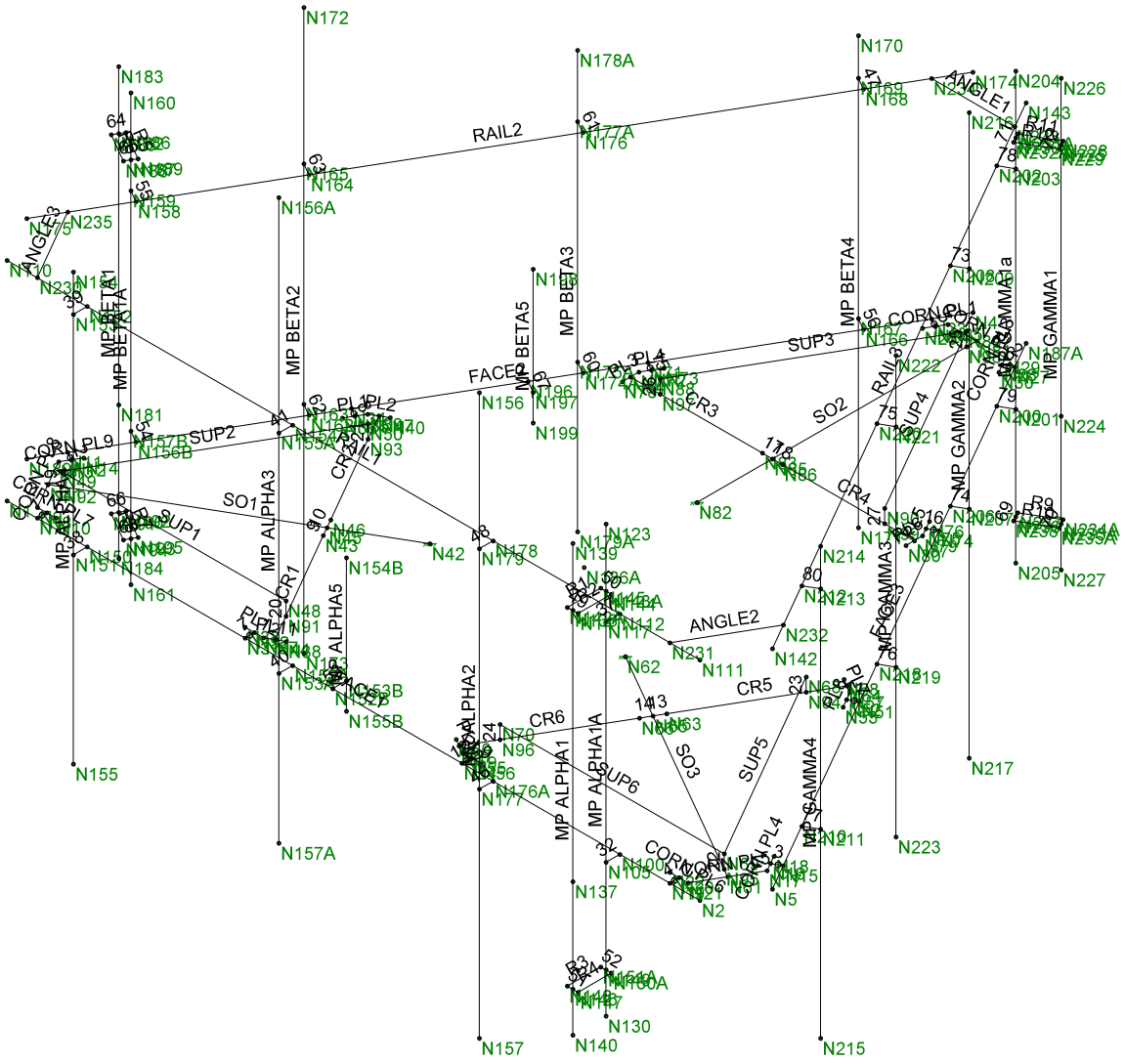
The mount has sufficient capacity to carry the proposed loading configuration. No modifications are required at this time.

Table 4 – 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)
130	1.0	168.29	B	II	1	4	11.85	1000

APPENDIX A

Wire Frame and Rendered Models



POD		
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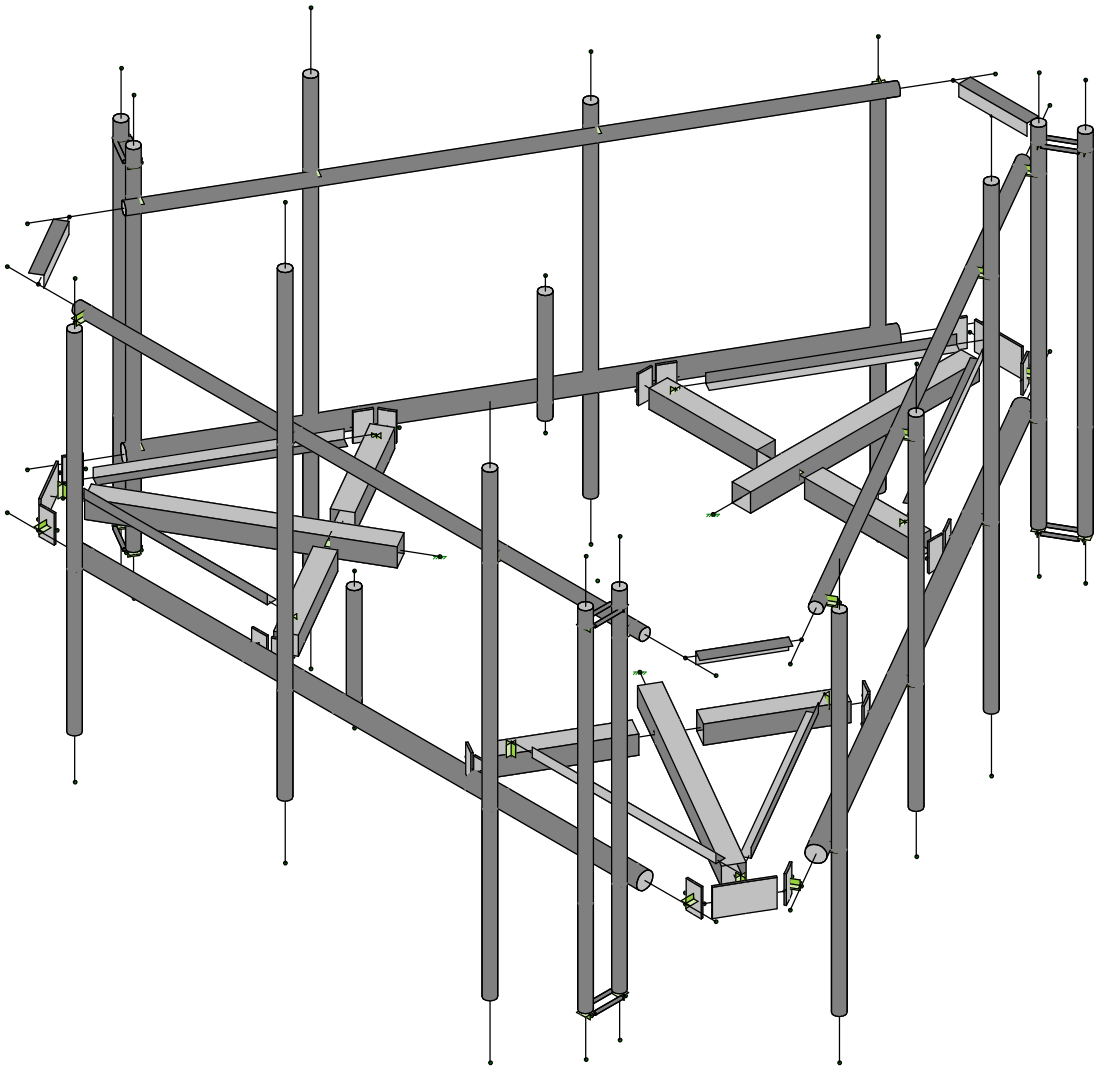
20-71920		(PL3) 876368 - Test.R3D



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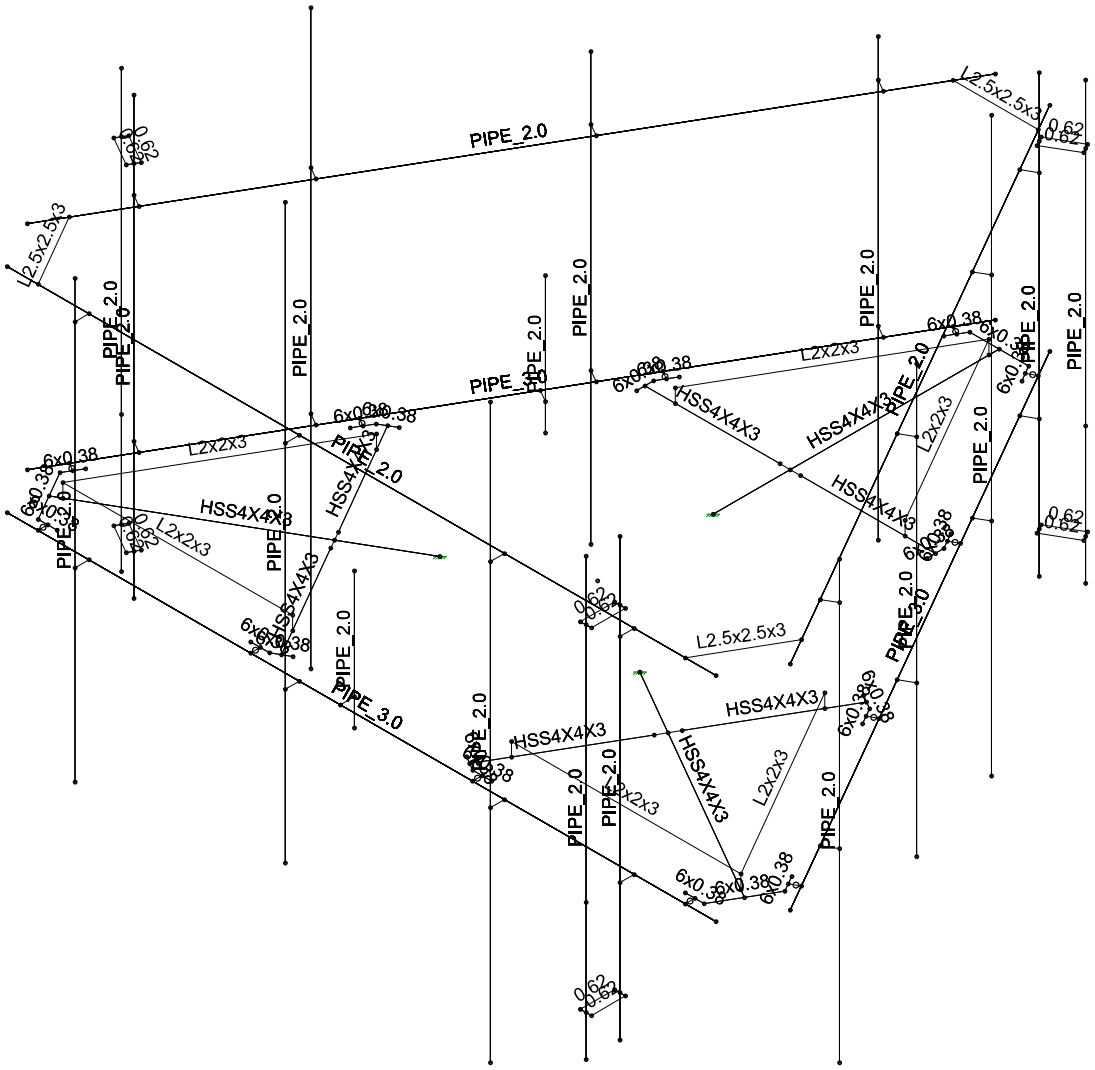
LT		Dec 7, 2020 at 11:34 AM
20-71920		(PL3) 876368 - Test.R3D



POD	876368	
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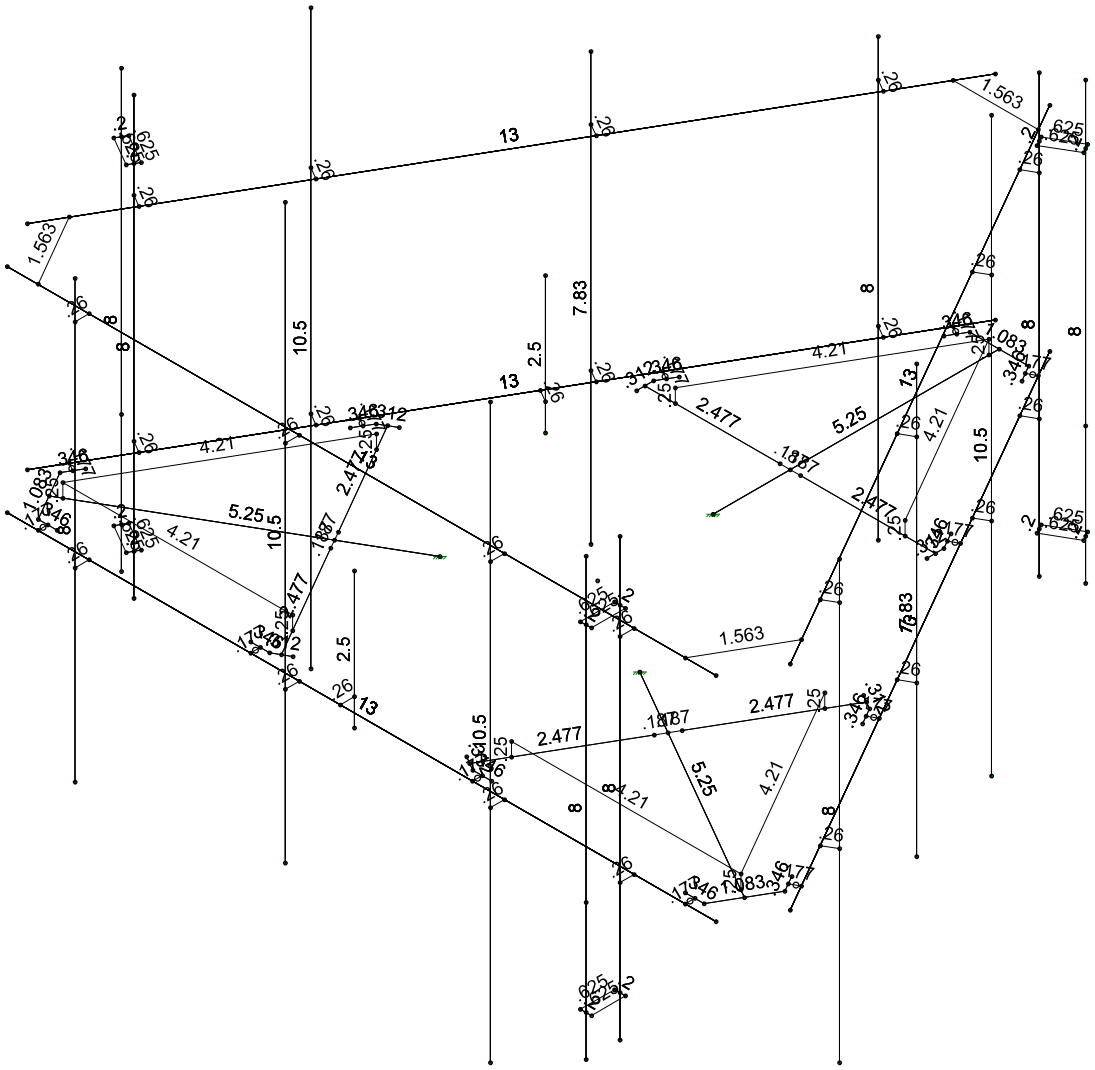
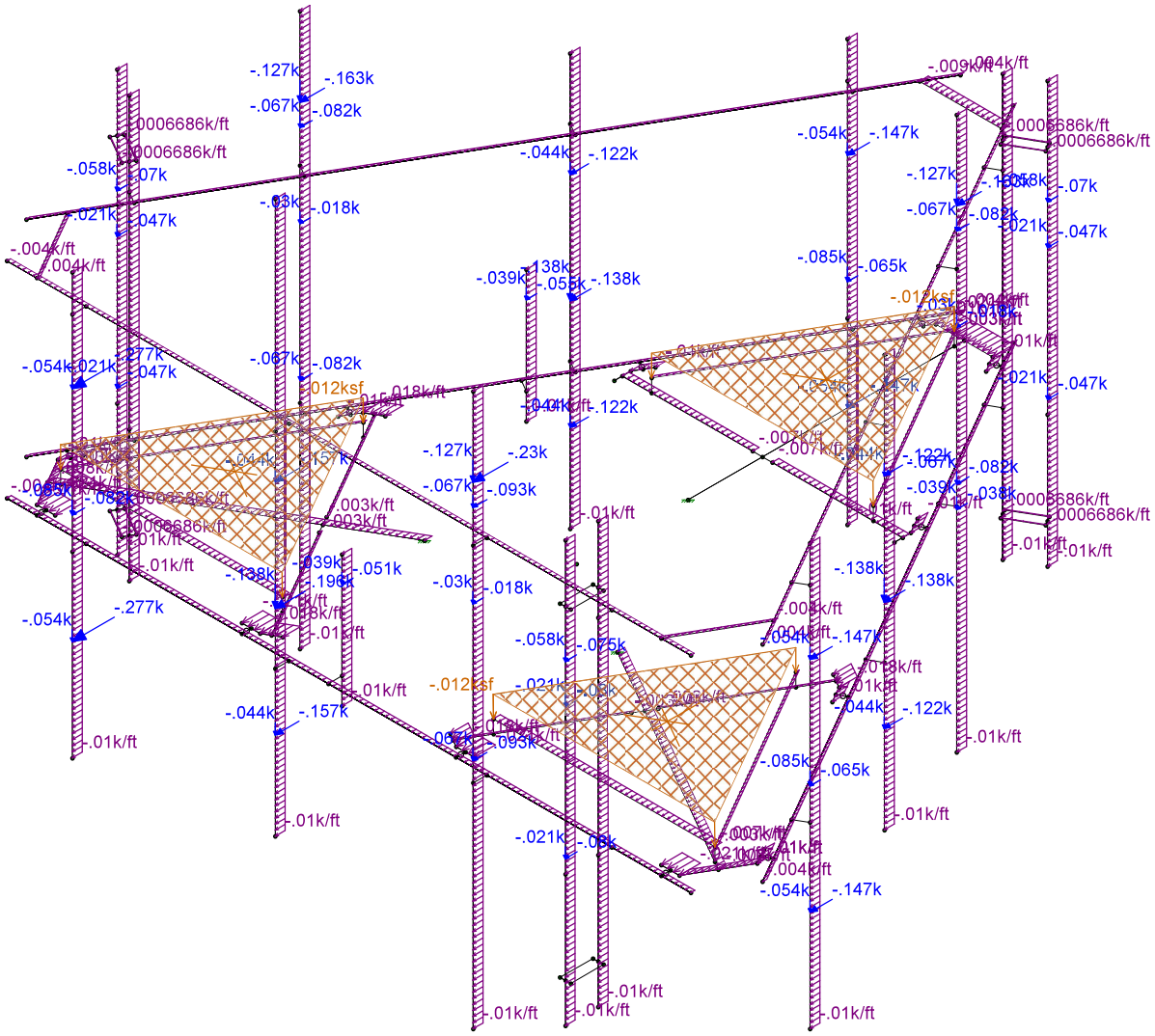
20-71920		(PL3) 876368 - Test.R3D



Member Length (ft) Displayed

POD	876368	
LT		Dec 7, 2020 at 11:35 AM
20-71920		(PL3) 876368 - Test.R3D



Loads: LC 2, 1.2D + 1.0W(0)

POD		
LT	876368	Dec 7, 2020 at 11:35 AM
20-71920		(PL3) 876368 - Test.R3D

APPENDIX B

Software Input Calculations

POD
POWER OF DESIGN

POD Job #	**20-71920**
Site Number	**876368**
Site Name	**YANKEE LAKE/EAST HAMPTON/TOWN**

General Site Information

Mount Type	SFP	Risk Category	II	I (seismic)	1	
V (Wind Speed)	130	I(ice)	1	Sms	0.283	
Zs	379			Sm1	0.149	
ti	1	Ss	0.177	Sds	0.189	
Vi	50	S1	0.062	Sd1	0.099	
Kzt	1	Soil Site Class	D (assumed)	Seismic Design Category		
Exposure	B	Fa	1.600	B		
zg	1200	Fv	2.400	Seismic Analysis Not Required		
α	7			R	2	TIA-222-H 16.7
Kmin	0.7	Tower Type	Monopole	As	1	TIA-222-H 16.7
G_H	1	Tower Height	180	Cs, Min	0.03	TIA-222-H 2.7.7.1.1
Ke	0.99			Cs	0.0944	TIA-222-H 2.7.7.1.1
K_D	0.95					
K_z	0.9					

Appurtenance Information

Model	Shielded	% Shielded	Centerline	Centerline on MP	Spacing (in)	Azimuth	Sector	Quantity		MP #
RRUS 32 B2			171.54	9			A/B/C	1	2	
RRUS 32 B30			171.42	9			A/B/C	1	2	
DC6-48-60-18-8F			169.08	2			B	1	5	
DBC0061F1V51-2			169	7			A/B/C	1	2	
7020			169	6			A/B/C	2	1	
LGP21401			169	6			A/B/C	2	1	
DC6-48-60-18-8F			168.91	2			A	1	5	
7770			168.16	4	30		A/B/C	1	1	
QS66512-2			167.58	6.5	50		A/B/C	1	2	
DMP65R-BU6D			167	4	50		A/B/C	1	4	
OPA65R-BU6BA-K			167	3.75	50		A/B/C	1	3	
RRUS 32 B66A			167	3.75			A/B/C	1	3	
RRUS 4449 B5/B12			167	4			A/B/C	1	4	
RRUS 4478 B14			167	3.75			A/B/C	1	3	
DC6-48-60-0-8F			167	4			C	1	2	

Mount Information

Elevation (ft)	168.29	Grating Thickness (in)	1
K_z	1.15	Grating Ice Weight (k/ft²)	0.014
Kiz	1.18		
tiz	1.18		

	Length (ft)	Width (in)	Centerline
Mount Pipes	8	2.375	167

Round Members

Member	Length (ft)	Width (in)	Frame Member	# of Members
Rail On	13	2.875	Yes	2
Rail Off	13	2.875	No	1
Face On	13	3.5	Yes	2
Face Off	13	3.5	No	1
Rod	0.62	0.625	No	12

Flat Members

Member	Length (ft)	Width (in)	Shape	A	B	C	D	Frame Member	# of Members
SO	5.23	4	Square HSS	4	0.3125	4		No	3
CR	2.4	3	Square HSS	3	0.1875	3		No	6
Support	4	2	Angle	2	0.1875			No	6
Angle	1.5	2.5	Angle	2.5	0.25			No	3
Plate	1	6	Channel	0	6		0.38	No	9

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Appurtenance Wind Calculations

Model	Height	Width	Depth	Weight (lbs)	Kz	qz (lb/ft$_2$)	$(EPA)_N$ (ft^2)	$(EPA)_T$(ft^2)	Wind Force (Kips) Front	Side	Alpha	Beta	Gamma
RRUS 32 B2	27.2	12.1	7.0	52.9	1.15	46.74	2.46	1.50	0.115	0.070	0.104	0.104	0.070
RRUS 32 B30	27.2	12.1	7.0	53.0	1.15	46.73	2.47	1.50	0.115	0.070	0.104	0.104	0.070
DC6-48-60-18-8F	31.3	11.0	11.0	32.8	1.15	46.55	1.09	1.21	0.051	0.056	0.052	0.052	0.056
DBC0061F1V51-2	8.0	6.5	6.2	25.4	1.15	46.54	0.39	0.37	0.018	0.017	0.018	0.018	0.017
7020	2.5	4.9	8.4	2.2	1.15	46.54	0.09	0.16	0.004	0.007	0.005	0.005	0.007
LGP21401	14.2	6.7	5.4	22.0	1.15	46.54	0.71	0.58	0.033	0.027	0.032	0.032	0.027
DC6-48-60-18-8F	31.3	11.0	11.0	32.8	1.15	46.54	1.09	1.21	0.051	0.056	0.052	0.052	0.056
7770	55.0	11.0	5.0	35.0	1.15	46.48	3.42	1.56	0.159	0.073	0.137	0.137	0.073
QS66512-2	72.0	12.0	9.6	111.0	1.15	46.43	4.01	3.37	0.186	0.156	0.179	0.179	0.156
DMP65R-BU6D	71.2	20.7	7.7	89.3	1.14	46.39	11.93	4.48	0.553	0.208	0.467	0.467	0.208
OPA65R-BU6BA-K	71.1	11.7	8.4	72.6	1.14	46.39	6.78	4.73	0.314	0.219	0.291	0.291	0.219
RRUS 32 B66A	27.6	12.5	7.4	55.1	1.14	46.39	2.58	1.60	0.120	0.074	0.108	0.108	0.074
RRUS 4449 B5/B12	17.9	13.2	9.4	71.0	1.14	46.39	1.77	1.27	0.082	0.059	0.076	0.076	0.059
RRUS 4478 B14	16.5	13.4	7.7	59.9	1.14	46.39	1.66	0.95	0.077	0.044	0.069	0.069	0.044
DC6-48-60-0-8F	22.3	11.0	11.0	32.8	1.14	46.39	0.76	0.85	0.035	0.039	0.036	0.036	0.039

Appurtenance Ice Calculations

Model	tiz (in)	Height	Width	Depth	Weight (lbs)	Kiz	qz (lb/ft$_2$)	$(EPA)_N$ (ft^2)	$(EPA)_T$(ft^2)	Wind Force (Kips) Front	Side	Alpha	Beta	Gamma
RRUS 32 B2	1.18	29.56	14.41	9.36	54.81	1.18	6.91	1.87	1.24	0.013	0.009	0.012	0.012	0.009
RRUS 32 B30	1.18	29.56	14.46	9.36	54.95	1.18	6.91	1.87	1.24	0.013	0.009	0.012	0.012	0.009
DC6-48-60-18-8F	1.18	33.61	13.36	13.36	71.82	1.18	6.89	1.97	1.97	0.014	0.014	0.014	0.014	0.014
DBC0061F1V51-2	1.18	10.36	8.86	8.56	15.00	1.18	6.89	0.40	0.39	0.003	0.003	0.003	0.003	0.003
7020	1.18	4.86	7.26	10.76	8.96	1.18	6.89	0.16	0.23	0.001	0.002	0.001	0.001	0.002
LGP21401	1.18	16.56	9.06	7.76	21.06	1.18	6.89	0.66	0.56	0.005	0.004	0.004	0.004	0.004
DC6-48-60-18-8F	1.18	33.61	13.36	13.36	71.82	1.18	6.88	1.97	1.97	0.014	0.014	0.014	0.014	0.014
7770	1.18	57.36	13.36	7.36	84.68	1.18	6.88	3.90	2.15	0.027	0.015	0.024	0.024	0.015
QS66512-2	1.18	74.36	14.36	11.96	144.96	1.18	6.87	4.46	3.86	0.031	0.027	0.030	0.030	0.027
DMP65R-BU6D	1.18	73.56	23.06	10.06	185.11	1.18	6.86	12.35	5.42	0.085	0.037	0.073	0.073	0.037
OPA65R-BU6BA-K	1.18	73.46	14.06	10.76	133.60	1.18	6.86	7.53	5.62	0.052	0.039	0.048	0.048	0.039
RRUS 32 B66A	1.18	29.96	14.81	9.77	57.92	1.18	6.86	1.94	1.30	0.013	0.009	0.012	0.012	0.009
RRUS 4449 B5/B12	1.18	20.26	15.55	11.80	48.21	1.18	6.86	1.38	1.05	0.009	0.007	0.009	0.009	0.007
RRUS 4478 B14	1.18	18.86	15.76	10.06	41.70	1.18	6.86	1.30	0.83	0.009	0.006	0.008	0.008	0.006
DC6-48-60-0-8F	1.18	24.61	13.36	13.36	55.06	1.18	6.86	1.44	1.44	0.010	0.010	0.010	0.010	0.010

Round Members

Member	Wind Calculations q_z (lb/ft^2)	Ar	C	Rr	Cf	EPA (ft^2)	Load (k/ft)	Ice Calculations Width (in)	Weight (k/ft)	q_z (lb/ft^2)	Arice	Rrice	Cf	EPA (ft^2)	Load (k/ft)
Rail On	46.49	6.23	32.51	0.59	1.20	1.99	0.007	5.23	0.01	6.88	11.33	0.66	1.20	4.01	0.002
Rail Off	46.49	3.11	32.51	0.59	1.20	1.99	0.004	5.23	0.01	6.88	5.66	0.66	1.20	4.01	0.001
Face On	46.49	7.58	39.57	0.59	1.20	2.41	0.009	5.85	0.01	6.88	12.68	0.66	1.20	4.49	0.002
Face Off	46.49	3.79	39.57	0.59	1.20	2.41	0.004	5.85	0.01	6.88	6.34	0.66	1.20	4.49	0.001
Rod	46.49	0.39	7.07	0.59	1.20	0.02	0.001	2.98	0.00	6.88	1.85	0.66	1.20	0.11	0.001

Flat Members

Member	Wind Calculations q_z (lb/ft^2)	Af	Cf	EPA	Load (k/ft)	Ice Calculations Width (in)	Weight (k/ft)	q_z (lb/ft^2)	Arice	Rrice	Cf	EPA	Load (k/ft)
SO	46.49	5.23	1.25	1.96	0.009	6.35	0.01	6.88	8.31	0.66	1.25	2.04	0.001
CR	46.49	3.60	1.25	0.68	0.007	5.35	0.01	6.88	6.42	0.66	1.25	0.79	0.001
Support	46.49	4.00	2.00	1.20	0.007	4.35	0.01	6.88	8.71	0.66	2.00	1.71	0.001
Angle	46.49	0.94	2.00	0.56	0.009	4.85	0.01	6.88	1.82	0.66	2.00	0.72	0.002
Plate	46.49	4.50	2.00	0.90	0.021	8.35	0.01	6.88	6.27	0.66	2.00	0.82	0.003

Appurtenance Seismic Calculations

Model	Weight	Sds	p	Cs	As	Ev	Eh
RRUS 32 B2	52.9	0.189	1.000	0.094	1.000	0.002	0.005
RRUS 32 B30	53.0	0.189	1.000	0.094	1.000	0.002	0.005
DC6-48-60-18-8F	32.8	0.189	1.000	0.094	1.000	0.001	0.003
DBC0061F1V51-2	25.4	0.189	1.000	0.094	1.000	0.001	0.002
7020	2.2	0.189	1.000	0.094	1.000	0.000	0.000
LGP21401	22.0	0.189	1.000	0.094	1.000	0.001	0.002
DC6-48-60-18-8F	32.8	0.189	1.000	0.094	1.000	0.001	0.003
7770	35.0	0.189	1.000	0.094	1.000	0.001	0.003
QS66512-2	111.0	0.189	1.000	0.094	1.000	0.004	0.010
DMP65R-BU6D	89.3	0.189	1.000	0.094	1.000	0.003	0.008
OPA65R-BU6BA-K	72.6	0.189	1.000	0.094	1.000	0.003	0.007
RRUS 32 B66A	55.1	0.189	1.000	0.094	1.000	0.002	0.005
RRUS 4449 B5/B12	71.0	0.189	1.000	0.094	1.000	0.003	0.007
RRUS 4478 B14	59.9	0.189	1.000	0.094	1.000	0.002	0.006
DC6-48-60-0-8F	32.8	0.189	1.000	0.094	1.000	0.001	0.003

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APPENDIX C

Software Analysis Output

Hot Rolled Steel Design Parameters

	Label	Shape	Lengt...	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-tor...	Kyy	Kzz	Cb	Func...
1	SUP6	L2x2x3	4.21			Lbyy						Lateral
2	SUP5	L2x2x3	4.21			Lbyy						Lateral
3	SUP4	L2x2x3	4.21			Lbyy						Lateral
4	SUP3	L2x2x3	4.21			Lbyy						Lateral
5	SUP2	L2x2x3	4.21			Lbyy						Lateral
6	SUP1	L2x2x3	4.21			Lbyy						Lateral
7	SO3	HSS4X4...	5.25			Lbyy						Lateral
8	SO2	HSS4X4...	5.25			Lbyy						Lateral
9	SO1	HSS4X4...	5.25			Lbyy						Lateral
10	RAIL3	PIPE_2.0	13			Lbyy						Lateral
11	RAIL2	PIPE_2.0	13			Lbyy						Lateral
12	RAIL1	PIPE_2.0	13			Lbyy						Lateral
13	R12	0.62	.625			Lbyy						Lateral
14	R11	0.62	.625			Lbyy						Lateral
15	R10	0.62	.625			Lbyy						Lateral
16	R9	0.62	.625			Lbyy						Lateral
17	R8	0.62	.625			Lbyy						Lateral
18	R7	0.62	.625			Lbyy						Lateral
19	R6	0.62	.625			Lbyy						Lateral
20	R5	0.62	.625			Lbyy						Lateral
21	R4	0.62	.625			Lbyy						Lateral
22	R3	0.62	.625			Lbyy						Lateral
23	R2	0.62	.625			Lbyy						Lateral
24	R1	0.62	.625			Lbyy						Lateral
25	PL12	6x0.38	.346			Lbyy						Lateral
26	PL11	6x0.38	.312			Lbyy						Lateral
27	PL10	6x0.38	.312			Lbyy						Lateral
28	PL9	6x0.38	.346			Lbyy						Lateral
29	PL8	6x0.38	.346			Lbyy						Lateral
30	PL7	6x0.38	.312			Lbyy						Lateral
31	PL6	6x0.38	.312			Lbyy						Lateral
32	PL5	6x0.38	.346			Lbyy						Lateral
33	PL4	6x0.38	.346			Lbyy						Lateral
34	PL3	6x0.38	.312			Lbyy						Lateral
35	PL2	6x0.38	.312			Lbyy						Lateral
36	PL1	6x0.38	.346			Lbyy						Lateral
37	MP GAMMA4	PIPE_2.0	8			Lbyy						Lateral
38	MP GAMMA3	PIPE_2.0	7.83			Lbyy						Lateral
39	MP GAMMA2	PIPE_2.0	10.5			Lbyy						Lateral
40	MP GAMMA1a	PIPE_2.0	8			Lbyy						Lateral
41	MP GAMMA1	PIPE_2.0	8			Lbyy						Lateral
42	MP BETA5	PIPE_2.0	2.5			Lbyy						Lateral
43	MP BETA4	PIPE_2.0	8			Lbyy						Lateral
44	MP BETA3	PIPE_2.0	7.83			Lbyy						Lateral
45	MP BETA2	PIPE_2.0	10.5			Lbyy						Lateral
46	MP BETA1A	PIPE_2.0	8			Lbyy						Lateral
47	MP BETA1	PIPE_2.0	8			Lbyy						Lateral
48	MP ALPHA5	PIPE_2.0	2.5			Lbyy						Lateral
49	MP ALPHA4	PIPE_2.0	8			Lbyy						Lateral
50	MP ALPHA3	PIPE_2.0	10.5			Lbyy						Lateral
51	MP ALPHA2	PIPE_2.0	10.5			Lbyy						Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Lengt...	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-tor...	Kyy	Kzz	Cb	Func...
52	MP ALPHA1A	PIPE_2.0	8			Lbyy						Lateral
53	MP ALPHA1	PIPE_2.0	8			Lbyy						Lateral
54	FACE3	PIPE_3.0	13			Lbyy						Lateral
55	FACE2	PIPE_3.0	13			Lbyy						Lateral
56	FACE1	PIPE_3.0	13			Lbyy						Lateral
57	CR6	HSS4X4...	2.477			Lbyy						Lateral
58	CR5	HSS4X4...	2.477			Lbyy						Lateral
59	CR4	HSS4X4...	2.477			Lbyy						Lateral
60	CR3	HSS4X4...	2.477			Lbyy						Lateral
61	CR2	HSS4X4...	2.477			Lbyy						Lateral
62	CR1	HSS4X4...	2.477			Lbyy						Lateral
63	CORN PL9	6x0.38	.346			Lbyy						Lateral
64	CORN PL8	6x0.38	1.083			Lbyy						Lateral
65	CORN PL7	6x0.38	.346			Lbyy						Lateral
66	CORN PL6	6x0.38	.346			Lbyy						Lateral
67	CORN PL5	6x0.38	1.083			Lbyy						Lateral
68	CORN PL4	6x0.38	.346			Lbyy						Lateral
69	CORN PL3	6x0.38	.346			Lbyy						Lateral
70	CORN PL2	6x0.38	1.083			Lbyy						Lateral
71	CORN PL1	6x0.38	.346			Lbyy						Lateral
72	ANGLE3	L2.5x2.5x3	1.563			Lbyy						Lateral
73	ANGLE2	L2.5x2.5x3	1.563			Lbyy						Lateral
74	ANGLE1	L2.5x2.5x3	1.563			Lbyy						Lateral

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotat...	Section/Shape	Type	Design List	Material	Design Rules
1	SUP6	N69	N70		270	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical
2	SUP5	N69	N68		180	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical
3	SUP4	N89	N90		90	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical
4	SUP3	N89	N88		180	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical
5	SUP2	N49	N50		90	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical
6	SUP1	N49	N48			L2x2x3	Beam	Single Angle	A36 Gr.36	Typical
7	SO3	N61	N62			HSS4X4X3	Beam	SquareTube	A500 Gr.B Rect	Typical
8	SO2	N81	N82			HSS4X4X3	Beam	SquareTube	A500 Gr.B Rect	Typical
9	SO1	N41	N42			HSS4X4X3	Beam	SquareTube	A500 Gr.B Rect	Typical
10	RAIL3	N142	N143		180	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
11	RAIL2	N174	N175		180	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
12	RAIL1	N110	N111			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
13	R12	N229	N232A			0.62	Beam	BAR	A36 Gr.36	Typical
14	R11	N231A	N228			0.62	Beam	BAR	A36 Gr.36	Typical
15	R10	N235A	N238			0.62	Beam	BAR	A36 Gr.36	Typical
16	R9	N237	N234A			0.62	Beam	BAR	A36 Gr.36	Typical
17	R8	N194	N191			0.62	Beam	BAR	A36 Gr.36	Typical
18	R7	N192	N195			0.62	Beam	BAR	A36 Gr.36	Typical
19	R6	N188	N185			0.62	Beam	BAR	A36 Gr.36	Typical
20	R5	N186	N189			0.62	Beam	BAR	A36 Gr.36	Typical
21	R4	N150A	N147			0.62	Beam	BAR	A36 Gr.36	Typical
22	R3	N148	N151A			0.62	Beam	BAR	A36 Gr.36	Typical
23	R2	N144	N141			0.62	Beam	BAR	A36 Gr.36	Typical
24	R1	N142A	N145			0.62	Beam	BAR	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotat...	Section/Shape	Type	Design List	Material	Design Rules
25	PL12	N33	N37		90	6x0.38	Beam	RECT	A36 Gr.36	Typical
26	PL11	N37	N38		90	6x0.38	Beam	RECT	A36 Gr.36	Typical
27	PL10	N59	N60		90	6x0.38	Beam	RECT	A36 Gr.36	Typical
28	PL9	N56	N59		90	6x0.38	Beam	RECT	A36 Gr.36	Typical
29	PL8	N53	N57		270	6x0.38	Beam	RECT	A36 Gr.36	Typical
30	PL7	N57	N58		270	6x0.38	Beam	RECT	A36 Gr.36	Typical
31	PL6	N79	N80		90	6x0.38	Beam	RECT	A36 Gr.36	Typical
32	PL5	N76	N79		270	6x0.38	Beam	RECT	A36 Gr.36	Typical
33	PL4	N73	N77		270	6x0.38	Beam	RECT	A36 Gr.36	Typical
34	PL3	N77	N78		270	6x0.38	Beam	RECT	A36 Gr.36	Typical
35	PL2	N39	N40		270	6x0.38	Beam	RECT	A36 Gr.36	Typical
36	PL1	N36	N39		270	6x0.38	Beam	RECT	A36 Gr.36	Typical
37	MP GAMMA4	N215	N214			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
38	MP GAMMA3	N223	N222			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
39	MP GAMMA2	N217	N216			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
40	MP GAMMA1a	N205	N204			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
41	MP GAMMA1	N227	N226			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
42	MP BETA5	N199	N198			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
43	MP BETA4	N171	N170			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
44	MP BETA3	N179A	N178A			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
45	MP BETA2	N173	N172			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
46	MP BETA1A	N161	N160			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
47	MP BETA1	N184	N183			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
48	MP ALPHA5	N155B	N154B			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
49	MP ALPHA4	N155	N154			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
50	MP ALPHA3	N157A	N156A			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
51	MP ALPHA2	N157	N156			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
52	MP ALPHA1A	N130	N123			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
53	MP ALPHA1	N140	N139			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
54	FACE3	N5	N187A			PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical
55	FACE2	N4	N189A			PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical
56	FACE1	N1	N2			PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical
57	CR6	N66	N67			HSS4X4X3	Beam	SquareTube	A500 Gr.B Rect	Typical
58	CR5	N63	N64			HSS4X4X3	Beam	SquareTube	A500 Gr.B Rect	Typical
59	CR4	N86	N87			HSS4X4X3	Beam	SquareTube	A500 Gr.B Rect	Typical
60	CR3	N83	N84			HSS4X4X3	Beam	SquareTube	A500 Gr.B Rect	Typical
61	CR2	N46	N47			HSS4X4X3	Beam	SquareTube	A500 Gr.B Rect	Typical
62	CR1	N43	N44			HSS4X4X3	Beam	SquareTube	A500 Gr.B Rect	Typical
63	CORN PL9	N13	N14		90	6x0.38	Beam	RECT	A36 Gr.36	Typical
64	CORN PL8	N9	N13		90	6x0.38	Beam	RECT	A36 Gr.36	Typical
65	CORN PL7	N9	N10		90	6x0.38	Beam	RECT	A36 Gr.36	Typical
66	CORN PL6	N21	N22		270	6x0.38	Beam	RECT	A36 Gr.36	Typical
67	CORN PL5	N17	N21		90	6x0.38	Beam	RECT	A36 Gr.36	Typical
68	CORN PL4	N17	N18		270	6x0.38	Beam	RECT	A36 Gr.36	Typical
69	CORN PL3	N29	N30		90	6x0.38	Beam	RECT	A36 Gr.36	Typical
70	CORN PL2	N25	N29		270	6x0.38	Beam	RECT	A36 Gr.36	Typical
71	CORN PL1	N25	N26		270	6x0.38	Beam	RECT	A36 Gr.36	Typical
72	ANGLE3	N230	N235		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
73	ANGLE2	N232	N231		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
74	ANGLE1	N234	N233		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
75	80	N212	N213			RIGID	None	None	RIGID	Typical
76	79	N200	N201			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotat...	Section/Shape	Type	Design List	Material	Design Rules
77	78	N202	N203			RIGID	None	None	RIGID	Typical
78	77	N210	N211			RIGID	None	None	RIGID	Typical
79	76	N218	N219			RIGID	None	None	RIGID	Typical
80	75	N220	N221			RIGID	None	None	RIGID	Typical
81	74	N206	N207			RIGID	None	None	RIGID	Typical
82	73	N208	N209			RIGID	None	None	RIGID	Typical
83	72	N229	N228			RIGID	None	None	RIGID	Typical
84	71	N232A	N231A			RIGID	None	None	RIGID	Typical
85	70	N235A	N234A			RIGID	None	None	RIGID	Typical
86	69	N238	N237			RIGID	None	None	RIGID	Typical
87	68	N195	N194			RIGID	None	None	RIGID	Typical
88	67	N196	N197			RIGID	None	None	RIGID	Typical
89	66	N192	N191			RIGID	None	None	RIGID	Typical
90	65	N189	N188			RIGID	None	None	RIGID	Typical
91	64	N186	N185			RIGID	None	None	RIGID	Typical
92	63	N164	N165			RIGID	None	None	RIGID	Typical
93	62	N162	N163			RIGID	None	None	RIGID	Typical
94	61	N176	N177A			RIGID	None	None	RIGID	Typical
95	60	N174A	N175A			RIGID	None	None	RIGID	Typical
96	56	N166	N167			RIGID	None	None	RIGID	Typical
97	55	N158	N159			RIGID	None	None	RIGID	Typical
98	54	N156B	N157B			RIGID	None	None	RIGID	Typical
99	53	N152B	N153B			RIGID	None	None	RIGID	Typical
100	52	N151A	N150A			RIGID	None	None	RIGID	Typical
101	51	N148	N147			RIGID	None	None	RIGID	Typical
102	50	N145	N144			RIGID	None	None	RIGID	Typical
103	49	N142A	N141			RIGID	None	None	RIGID	Typical
104	48	N178	N179			RIGID	None	None	RIGID	Typical
105	47	N168	N169			RIGID	None	None	RIGID	Typical
106	46	N176A	N177			RIGID	None	None	RIGID	Typical
107	41	N154A	N155A			RIGID	None	None	RIGID	Typical
108	40	N152A	N153A			RIGID	None	None	RIGID	Typical
109	39	N152	N153			RIGID	None	None	RIGID	Typical
110	38	N150	N151			RIGID	None	None	RIGID	Typical
111	37	N112	N117			RIGID	None	None	RIGID	Typical
112	32	N100	N105			RIGID	None	None	RIGID	Typical
113	27	N99	N90			RIGID	None	None	RIGID	Typical
114	26	N97	N88			RIGID	None	None	RIGID	Typical
115	25	N98	N89			RIGID	None	None	RIGID	Typical
116	24	N96	N70			RIGID	None	None	RIGID	Typical
117	23	N94	N68			RIGID	None	None	RIGID	Typical
118	22	N95	N69			RIGID	None	None	RIGID	Typical
119	21	N93	N50			RIGID	None	None	RIGID	Typical
120	20	N91	N48			RIGID	None	None	RIGID	Typical
121	19	N92	N49			RIGID	None	None	RIGID	Typical
122	18	N85	N86			RIGID	None	None	RIGID	Typical
123	17	N85	N83			RIGID	None	None	RIGID	Typical
124	16	N74	N75			RIGID	None	None	RIGID	Typical
125	15	N71	N72			RIGID	None	None	RIGID	Typical
126	14	N65	N66			RIGID	None	None	RIGID	Typical
127	13	N65	N63			RIGID	None	None	RIGID	Typical
128	12	N54	N55			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotat...	Section/Shape	Type	Design List	Material	Design Rules
129	11	N51	N52			RIGID	None	None	RIGID	Typical
130	10	N45	N46			RIGID	None	None	RIGID	Typical
131	9	N45	N43			RIGID	None	None	RIGID	Typical
132	8	N34	N35			RIGID	None	None	RIGID	Typical
133	7	N31	N32			RIGID	None	None	RIGID	Typical
134	6	N27	N28			RIGID	None	None	RIGID	Typical
135	5	N23	N24			RIGID	None	None	RIGID	Typical
136	4	N19	N20			RIGID	None	None	RIGID	Typical
137	3	N15	N16			RIGID	None	None	RIGID	Typical
138	2	N11	N12			RIGID	None	None	RIGID	Typical
139	1	N7	N8			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physic...	Defl Ratio Op...	Analysis Offset[in]	Inactive	Seismi...
1	SUP6						Yes				None
2	SUP5						Yes				None
3	SUP4						Yes				None
4	SUP3						Yes				None
5	SUP2						Yes				None
6	SUP1						Yes				None
7	SO3						Yes				None
8	SO2						Yes				None
9	SO1						Yes				None
10	RAIL3						Yes				None
11	RAIL2						Yes				None
12	RAIL1						Yes				None
13	R12						Yes				None
14	R11						Yes				None
15	R10						Yes				None
16	R9						Yes				None
17	R8						Yes				None
18	R7						Yes				None
19	R6						Yes				None
20	R5						Yes				None
21	R4						Yes				None
22	R3						Yes				None
23	R2						Yes				None
24	R1						Yes				None
25	PL12						Yes				None
26	PL11						Yes				None
27	PL10						Yes				None
28	PL9						Yes				None
29	PL8						Yes				None
30	PL7						Yes				None
31	PL6						Yes				None
32	PL5						Yes				None
33	PL4						Yes				None
34	PL3						Yes				None
35	PL2						Yes				None
36	PL1						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physic...	Defl Ratio Op...	Analysis Offset[in]	Inactive	Seismi...
37	MP GAMMA4						Yes				None
38	MP GAMMA3						Yes				None
39	MP GAMMA2						Yes				None
40	MP GAMMA1a						Yes				None
41	MP GAMMA1						Yes				None
42	MP BETA5						Yes				None
43	MP BETA4						Yes				None
44	MP BETA3						Yes				None
45	MP BETA2						Yes				None
46	MP BETA1A						Yes				None
47	MP BETA1						Yes				None
48	MP ALPHA5						Yes				None
49	MP ALPHA4						Yes				None
50	MP ALPHA3						Yes				None
51	MP ALPHA2						Yes				None
52	MP ALPHA1A						Yes				None
53	MP ALPHA1						Yes				None
54	FACE3						Yes				None
55	FACE2						Yes				None
56	FACE1						Yes				None
57	CR6						Yes				None
58	CR5						Yes				None
59	CR4						Yes				None
60	CR3						Yes				None
61	CR2						Yes				None
62	CR1						Yes				None
63	CORN PL9						Yes				None
64	CORN PL8						Yes				None
65	CORN PL7						Yes				None
66	CORN PL6						Yes				None
67	CORN PL5						Yes				None
68	CORN PL4						Yes				None
69	CORN PL3						Yes				None
70	CORN PL2						Yes				None
71	CORN PL1						Yes				None
72	ANGLE3						Yes				None
73	ANGLE2						Yes				None
74	ANGLE1						Yes				None
75	80						Yes	** NA **			None
76	79						Yes	** NA **			None
77	78						Yes	** NA **			None
78	77						Yes	** NA **			None
79	76						Yes	** NA **			None
80	75						Yes	** NA **			None
81	74						Yes	** NA **			None
82	73						Yes	** NA **			None
83	72						Yes	** NA **			None
84	71						Yes	** NA **			None
85	70						Yes	** NA **			None
86	69						Yes	** NA **			None
87	68						Yes	** NA **			None
88	67						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physic..	Defl Ratio Op...	Analysis Offset[in]	Inactive	Seismi...
89	66						Yes	** NA **			None
90	65						Yes	** NA **			None
91	64						Yes	** NA **			None
92	63						Yes	** NA **			None
93	62						Yes	** NA **			None
94	61						Yes	** NA **			None
95	60						Yes	** NA **			None
96	56						Yes	** NA **			None
97	55						Yes	** NA **			None
98	54						Yes	** NA **			None
99	53						Yes	** NA **			None
100	52						Yes	** NA **			None
101	51						Yes	** NA **			None
102	50						Yes	** NA **			None
103	49						Yes	** NA **			None
104	48						Yes	** NA **			None
105	47						Yes	** NA **			None
106	46						Yes	** NA **			None
107	41						Yes	** NA **			None
108	40						Yes	** NA **			None
109	39						Yes	** NA **			None
110	38						Yes	** NA **			None
111	37						Yes	** NA **			None
112	32						Yes	** NA **			None
113	27						Yes	** NA **			None
114	26						Yes	** NA **			None
115	25						Yes	** NA **			None
116	24						Yes	** NA **			None
117	23						Yes	** NA **			None
118	22						Yes	** NA **			None
119	21						Yes	** NA **			None
120	20						Yes	** NA **			None
121	19						Yes	** NA **			None
122	18						Yes	** NA **			None
123	17						Yes	** NA **			None
124	16	OOOOXO					Yes	** NA **			None
125	15	OOOOXO					Yes	** NA **			None
126	14						Yes	** NA **			None
127	13						Yes	** NA **			None
128	12	OOOOXO					Yes	** NA **			None
129	11	OOOOXO					Yes	** NA **			None
130	10						Yes	** NA **			None
131	9						Yes	** NA **			None
132	8	OOOOXO					Yes	** NA **			None
133	7	OOOOXO					Yes	** NA **			None
134	6	OOOOXO					Yes	** NA **			None
135	5	OOOOXO					Yes	** NA **			None
136	4	OOOOXO					Yes	** NA **			None
137	3	OOOOXO					Yes	** NA **			None
138	2	OOOOXO					Yes	** NA **			None
139	1	OOOOXO					Yes	** NA **			None

Hot Rolled Steel Properties

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

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 ALPHA2	Y	-.115	9
2	MP BETA2	Y	-.081	9
3	MP GAMMA2	Y	-.081	9
4	MP ALPHA2	Y	-.115	9
5	MP BETA2	Y	-.081	9
6	MP GAMMA2	Y	-.081	9
7	MP BETA5	Y	-.055	2
8	MP ALPHA2	Y	-.018	7
9	MP BETA2	Y	-.018	7
10	MP GAMMA2	Y	-.018	7
11	MP ALPHA1	Y	-.009	6
12	MP BETA1	Y	-.013	6
13	MP GAMMA1	Y	-.013	6
14	MP ALPHA1	Y	-.066	6
15	MP BETA1	Y	-.057	6
16	MP GAMMA1	Y	-.057	6
17	MP ALPHA5	Y	-.051	2
18	MP ALPHA1	Y	-.08	5.25
19	MP ALPHA1	Y	-.08	2.75
20	MP BETA1	Y	-.047	5.25
21	MP BETA1	Y	-.047	2.75
22	MP GAMMA1	Y	-.047	5.25
23	MP GAMMA1	Y	-.047	2.75
24	MP ALPHA2	Y	-.093	8.583
25	MP ALPHA2	Y	-.093	4.417
26	MP BETA2	Y	-.082	8.583
27	MP BETA2	Y	-.082	4.417
28	MP GAMMA2	Y	-.082	8.583
29	MP GAMMA2	Y	-.082	4.417
30	MP ALPHA4	Y	-.277	6.083
31	MP ALPHA4	Y	-.277	1.917
32	MP BETA4	Y	-.147	6.083
33	MP BETA4	Y	-.147	1.917
34	MP GAMMA4	Y	-.147	6.083

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
35	MP GAMMA4	Y	-.147	1.917
36	MP ALPHA3	Y	-.157	5.833
37	MP ALPHA3	Y	-.157	1.667
38	MP BETA3	Y	-.122	5.833
39	MP BETA3	Y	-.122	1.667
40	MP GAMMA3	Y	-.122	5.833
41	MP GAMMA3	Y	-.122	1.667
42	MP ALPHA3	Y	-.12	3.75
43	MP BETA3	Y	-.086	3.75
44	MP GAMMA3	Y	-.086	3.75
45	MP ALPHA4	Y	-.082	4
46	MP BETA4	Y	-.065	4
47	MP GAMMA4	Y	-.065	4
48	MP ALPHA3	Y	-.077	3.75
49	MP BETA3	Y	-.052	3.75
50	MP GAMMA3	Y	-.052	3.75
51	MP GAMMA2	Y	-.038	4

Member Point Loads (BLC 3 : Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Z	-.053	9
2	MP BETA2	Z	-.053	9
3	MP GAMMA2	Z	-.053	9
4	MP ALPHA2	Z	-.053	9
5	MP BETA2	Z	-.053	9
6	MP GAMMA2	Z	-.053	9
7	MP BETA5	Z	-.033	2
8	MP ALPHA2	Z	-.025	7
9	MP BETA2	Z	-.025	7
10	MP GAMMA2	Z	-.025	7
11	MP ALPHA1	Z	-.004	6
12	MP BETA1	Z	-.004	6
13	MP GAMMA1	Z	-.004	6
14	MP ALPHA1	Z	-.044	6
15	MP BETA1	Z	-.044	6
16	MP GAMMA1	Z	-.044	6
17	MP ALPHA5	Z	-.033	2
18	MP ALPHA1	Z	-.018	5.25
19	MP ALPHA1	Z	-.018	2.75
20	MP BETA1	Z	-.018	5.25
21	MP BETA1	Z	-.018	2.75
22	MP GAMMA1	Z	-.018	5.25
23	MP GAMMA1	Z	-.018	2.75
24	MP ALPHA2	Z	-.056	8.583
25	MP ALPHA2	Z	-.056	4.417
26	MP BETA2	Z	-.056	8.583
27	MP BETA2	Z	-.056	4.417
28	MP GAMMA2	Z	-.056	8.583
29	MP GAMMA2	Z	-.056	4.417
30	MP ALPHA4	Z	-.045	6.083
31	MP ALPHA4	Z	-.045	1.917

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
32	MP BETA4	Z	-.045	6.083
33	MP BETA4	Z	-.045	1.917
34	MP GAMMA4	Z	-.045	6.083
35	MP GAMMA4	Z	-.045	1.917
36	MP ALPHA3	Z	-.036	5.833
37	MP ALPHA3	Z	-.036	1.667
38	MP BETA3	Z	-.036	5.833
39	MP BETA3	Z	-.036	1.667
40	MP GAMMA3	Z	-.036	5.833
41	MP GAMMA3	Z	-.036	1.667
42	MP ALPHA3	Z	-.055	3.75
43	MP BETA3	Z	-.055	3.75
44	MP GAMMA3	Z	-.055	3.75
45	MP ALPHA4	Z	-.071	4
46	MP BETA4	Z	-.071	4
47	MP GAMMA4	Z	-.071	4
48	MP ALPHA3	Z	-.06	3.75
49	MP BETA3	Z	-.06	3.75
50	MP GAMMA3	Z	-.06	3.75
51	MP GAMMA2	Z	-.033	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.09	9
2	MP ALPHA2	X	-.052	9
3	MP BETA2	Y	-.061	9
4	MP BETA2	X	-.035	9
5	MP GAMMA2	Y	-.09	9
6	MP GAMMA2	X	-.052	9
7	MP ALPHA2	Y	-.09	9
8	MP ALPHA2	X	-.052	9
9	MP BETA2	Y	-.061	9
10	MP BETA2	X	-.035	9
11	MP GAMMA2	Y	-.09	9
12	MP GAMMA2	X	-.052	9
13	MP BETA5	Y	-.049	2
14	MP BETA5	X	-.028	2
15	MP ALPHA2	Y	-.016	7
16	MP ALPHA2	X	-.009	7
17	MP BETA2	Y	-.015	7
18	MP BETA2	X	-.009	7
19	MP GAMMA2	Y	-.016	7
20	MP GAMMA2	X	-.009	7
21	MP ALPHA1	Y	-.009	6
22	MP ALPHA1	X	-.005	6
23	MP BETA1	Y	-.013	6
24	MP BETA1	X	-.007	6
25	MP GAMMA1	Y	-.009	6
26	MP GAMMA1	X	-.005	6
27	MP ALPHA1	Y	-.055	6
28	MP ALPHA1	X	-.032	6

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
29	MP BETA1	Y	-.047	6
30	MP BETA1	X	-.027	6
31	MP GAMMA1	Y	-.055	6
32	MP GAMMA1	X	-.032	6
33	MP ALPHA5	Y	-.045	2
34	MP ALPHA5	X	-.026	2
35	MP ALPHA1	Y	-.06	5.25
36	MP ALPHA1	Y	-.06	2.75
37	MP ALPHA1	X	-.034	5.25
38	MP ALPHA1	X	-.034	2.75
39	MP BETA1	Y	-.031	5.25
40	MP BETA1	Y	-.031	2.75
41	MP BETA1	X	-.018	5.25
42	MP BETA1	X	-.018	2.75
43	MP GAMMA1	Y	-.06	5.25
44	MP GAMMA1	Y	-.06	2.75
45	MP GAMMA1	X	-.034	5.25
46	MP GAMMA1	X	-.034	2.75
47	MP ALPHA2	Y	-.077	8.583
48	MP ALPHA2	Y	-.077	4.417
49	MP ALPHA2	X	-.045	8.583
50	MP ALPHA2	X	-.045	4.417
51	MP BETA2	Y	-.068	8.583
52	MP BETA2	Y	-.068	4.417
53	MP BETA2	X	-.039	8.583
54	MP BETA2	X	-.039	4.417
55	MP GAMMA2	Y	-.077	8.583
56	MP GAMMA2	Y	-.077	4.417
57	MP GAMMA2	X	-.045	8.583
58	MP GAMMA2	X	-.045	4.417
59	MP ALPHA4	Y	-.202	6.083
60	MP ALPHA4	Y	-.202	1.917
61	MP ALPHA4	X	-.117	6.083
62	MP ALPHA4	X	-.117	1.917
63	MP BETA4	Y	-.09	6.083
64	MP BETA4	Y	-.09	1.917
65	MP BETA4	X	-.052	6.083
66	MP BETA4	X	-.052	1.917
67	MP GAMMA4	Y	-.202	6.083
68	MP GAMMA4	Y	-.202	1.917
69	MP GAMMA4	X	-.117	6.083
70	MP GAMMA4	X	-.117	1.917
71	MP ALPHA3	Y	-.126	5.833
72	MP ALPHA3	Y	-.126	1.667
73	MP ALPHA3	X	-.073	5.833
74	MP ALPHA3	X	-.073	1.667
75	MP BETA3	Y	-.095	5.833
76	MP BETA3	Y	-.095	1.667
77	MP BETA3	X	-.055	5.833
78	MP BETA3	X	-.055	1.667
79	MP GAMMA3	Y	-.126	5.833
80	MP GAMMA3	Y	-.126	1.667

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
81	MP GAMMA3	X	-.073	5.833
82	MP GAMMA3	X	-.073	1.667
83	MP ALPHA3	Y	-.094	3.75
84	MP ALPHA3	X	-.054	3.75
85	MP BETA3	Y	-.064	3.75
86	MP BETA3	X	-.037	3.75
87	MP GAMMA3	Y	-.094	3.75
88	MP GAMMA3	X	-.054	3.75
89	MP ALPHA4	Y	-.066	4
90	MP ALPHA4	X	-.038	4
91	MP BETA4	Y	-.051	4
92	MP BETA4	X	-.029	4
93	MP GAMMA4	Y	-.066	4
94	MP GAMMA4	X	-.038	4
95	MP ALPHA3	Y	-.06	3.75
96	MP ALPHA3	X	-.034	3.75
97	MP BETA3	Y	-.038	3.75
98	MP BETA3	X	-.022	3.75
99	MP GAMMA3	Y	-.06	3.75
100	MP GAMMA3	X	-.034	3.75
101	MP GAMMA2	Y	-.032	4
102	MP GAMMA2	X	-.018	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.041	9
2	MP ALPHA2	X	-.07	9
3	MP BETA2	Y	-.041	9
4	MP BETA2	X	-.07	9
5	MP GAMMA2	Y	-.057	9
6	MP GAMMA2	X	-.1	9
7	MP ALPHA2	Y	-.041	9
8	MP ALPHA2	X	-.071	9
9	MP BETA2	Y	-.041	9
10	MP BETA2	X	-.071	9
11	MP GAMMA2	Y	-.058	9
12	MP GAMMA2	X	-.1	9
13	MP BETA5	Y	-.027	2
14	MP BETA5	X	-.048	2
15	MP ALPHA2	Y	-.009	7
16	MP ALPHA2	X	-.015	7
17	MP BETA2	Y	-.009	7
18	MP BETA2	X	-.015	7
19	MP GAMMA2	Y	-.009	7
20	MP GAMMA2	X	-.016	7
21	MP ALPHA1	Y	-.007	6
22	MP ALPHA1	X	-.011	6
23	MP BETA1	Y	-.007	6
24	MP BETA1	X	-.011	6
25	MP GAMMA1	Y	-.004	6
26	MP GAMMA1	X	-.007	6

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
27	MP ALPHA1	Y	-.028	6
28	MP ALPHA1	X	-.049	6
29	MP BETA1	Y	-.028	6
30	MP BETA1	X	-.049	6
31	MP GAMMA1	Y	-.033	6
32	MP GAMMA1	X	-.058	6
33	MP ALPHA5	Y	-.027	2
34	MP ALPHA5	X	-.048	2
35	MP ALPHA1	Y	-.024	5.25
36	MP ALPHA1	Y	-.024	2.75
37	MP ALPHA1	X	-.041	5.25
38	MP ALPHA1	X	-.041	2.75
39	MP BETA1	Y	-.024	5.25
40	MP BETA1	Y	-.024	2.75
41	MP BETA1	X	-.041	5.25
42	MP BETA1	X	-.041	2.75
43	MP GAMMA1	Y	-.04	5.25
44	MP GAMMA1	Y	-.04	2.75
45	MP GAMMA1	X	-.069	5.25
46	MP GAMMA1	X	-.069	2.75
47	MP ALPHA2	Y	-.041	8.583
48	MP ALPHA2	Y	-.041	4.417
49	MP ALPHA2	X	-.071	8.583
50	MP ALPHA2	X	-.071	4.417
51	MP BETA2	Y	-.041	8.583
52	MP BETA2	Y	-.041	4.417
53	MP BETA2	X	-.071	8.583
54	MP BETA2	X	-.071	4.417
55	MP GAMMA2	Y	-.047	8.583
56	MP GAMMA2	Y	-.047	4.417
57	MP GAMMA2	X	-.081	8.583
58	MP GAMMA2	X	-.081	4.417
59	MP ALPHA4	Y	-.074	6.083
60	MP ALPHA4	Y	-.074	1.917
61	MP ALPHA4	X	-.127	6.083
62	MP ALPHA4	X	-.127	1.917
63	MP BETA4	Y	-.074	6.083
64	MP BETA4	Y	-.074	1.917
65	MP BETA4	X	-.127	6.083
66	MP BETA4	X	-.127	1.917
67	MP GAMMA4	Y	-.138	6.083
68	MP GAMMA4	Y	-.138	1.917
69	MP GAMMA4	X	-.24	6.083
70	MP GAMMA4	X	-.24	1.917
71	MP ALPHA3	Y	-.061	5.833
72	MP ALPHA3	Y	-.061	1.667
73	MP ALPHA3	X	-.105	5.833
74	MP ALPHA3	X	-.105	1.667
75	MP BETA3	Y	-.061	5.833
76	MP BETA3	Y	-.061	1.667
77	MP BETA3	X	-.105	5.833
78	MP BETA3	X	-.105	1.667

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
79	MP GAMMA3	Y	-.079	5.833
80	MP GAMMA3	Y	-.079	1.667
81	MP GAMMA3	X	-.136	5.833
82	MP GAMMA3	X	-.136	1.667
83	MP ALPHA3	Y	-.043	3.75
84	MP ALPHA3	X	-.074	3.75
85	MP BETA3	Y	-.043	3.75
86	MP BETA3	X	-.074	3.75
87	MP GAMMA3	Y	-.06	3.75
88	MP GAMMA3	X	-.104	3.75
89	MP ALPHA4	Y	-.032	4
90	MP ALPHA4	X	-.056	4
91	MP BETA4	Y	-.032	4
92	MP BETA4	X	-.056	4
93	MP GAMMA4	Y	-.041	4
94	MP GAMMA4	X	-.071	4
95	MP ALPHA3	Y	-.026	3.75
96	MP ALPHA3	X	-.045	3.75
97	MP BETA3	Y	-.026	3.75
98	MP BETA3	X	-.045	3.75
99	MP GAMMA3	Y	-.038	3.75
100	MP GAMMA3	X	-.067	3.75
101	MP GAMMA2	Y	-.018	4
102	MP GAMMA2	X	-.031	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	X	-.07	9
2	MP BETA2	X	-.104	9
3	MP GAMMA2	X	-.104	9
4	MP ALPHA2	X	-.07	9
5	MP BETA2	X	-.104	9
6	MP GAMMA2	X	-.104	9
7	MP BETA5	X	-.052	2
8	MP ALPHA2	X	-.017	7
9	MP BETA2	X	-.018	7
10	MP GAMMA2	X	-.018	7
11	MP ALPHA1	X	-.015	6
12	MP BETA1	X	-.01	6
13	MP GAMMA1	X	-.01	6
14	MP ALPHA1	X	-.054	6
15	MP BETA1	X	-.063	6
16	MP GAMMA1	X	-.063	6
17	MP ALPHA5	X	-.056	2
18	MP ALPHA1	X	-.036	5.25
19	MP ALPHA1	X	-.036	2.75
20	MP BETA1	X	-.069	5.25
21	MP BETA1	X	-.069	2.75
22	MP GAMMA1	X	-.069	5.25
23	MP GAMMA1	X	-.069	2.75
24	MP ALPHA2	X	-.078	8.583

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
25	MP ALPHA2	X	-.078	4.417
26	MP BETA2	X	-.089	8.583
27	MP BETA2	X	-.089	4.417
28	MP GAMMA2	X	-.089	8.583
29	MP GAMMA2	X	-.089	4.417
30	MP ALPHA4	X	-.104	6.083
31	MP ALPHA4	X	-.104	1.917
32	MP BETA4	X	-.233	6.083
33	MP BETA4	X	-.233	1.917
34	MP GAMMA4	X	-.233	6.083
35	MP GAMMA4	X	-.233	1.917
36	MP ALPHA3	X	-.11	5.833
37	MP ALPHA3	X	-.11	1.667
38	MP BETA3	X	-.145	5.833
39	MP BETA3	X	-.145	1.667
40	MP GAMMA3	X	-.145	5.833
41	MP GAMMA3	X	-.145	1.667
42	MP ALPHA3	X	-.074	3.75
43	MP BETA3	X	-.108	3.75
44	MP GAMMA3	X	-.108	3.75
45	MP ALPHA4	X	-.059	4
46	MP BETA4	X	-.076	4
47	MP GAMMA4	X	-.076	4
48	MP ALPHA3	X	-.044	3.75
49	MP BETA3	X	-.069	3.75
50	MP GAMMA3	X	-.069	3.75
51	MP GAMMA2	X	-.036	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.041	9
2	MP ALPHA2	X	-.07	9
3	MP BETA2	Y	.057	9
4	MP BETA2	X	-.1	9
5	MP GAMMA2	Y	.041	9
6	MP GAMMA2	X	-.07	9
7	MP ALPHA2	Y	.041	9
8	MP ALPHA2	X	-.071	9
9	MP BETA2	Y	.058	9
10	MP BETA2	X	-.1	9
11	MP GAMMA2	Y	.041	9
12	MP GAMMA2	X	-.071	9
13	MP BETA5	Y	.025	2
14	MP BETA5	X	-.044	2
15	MP ALPHA2	Y	.009	7
16	MP ALPHA2	X	-.015	7
17	MP BETA2	Y	.009	7
18	MP BETA2	X	-.016	7
19	MP GAMMA2	Y	.009	7
20	MP GAMMA2	X	-.015	7
21	MP ALPHA1	Y	.007	6

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP ALPHA1	X	-.011	6
23	MP BETA1	Y	.004	6
24	MP BETA1	X	-.007	6
25	MP GAMMA1	Y	.007	6
26	MP GAMMA1	X	-.011	6
27	MP ALPHA1	Y	.028	6
28	MP ALPHA1	X	-.049	6
29	MP BETA1	Y	.033	6
30	MP BETA1	X	-.058	6
31	MP GAMMA1	Y	.028	6
32	MP GAMMA1	X	-.049	6
33	MP ALPHA5	Y	.027	2
34	MP ALPHA5	X	-.048	2
35	MP ALPHA1	Y	.024	5.25
36	MP ALPHA1	Y	.024	2.75
37	MP ALPHA1	X	-.041	5.25
38	MP ALPHA1	X	-.041	2.75
39	MP BETA1	Y	.04	5.25
40	MP BETA1	Y	.04	2.75
41	MP BETA1	X	-.069	5.25
42	MP BETA1	X	-.069	2.75
43	MP GAMMA1	Y	.024	5.25
44	MP GAMMA1	Y	.024	2.75
45	MP GAMMA1	X	-.041	5.25
46	MP GAMMA1	X	-.041	2.75
47	MP ALPHA2	Y	.041	8.583
48	MP ALPHA2	Y	.041	4.417
49	MP ALPHA2	X	-.071	8.583
50	MP ALPHA2	X	-.071	4.417
51	MP BETA2	Y	.047	8.583
52	MP BETA2	Y	.047	4.417
53	MP BETA2	X	-.081	8.583
54	MP BETA2	X	-.081	4.417
55	MP GAMMA2	Y	.041	8.583
56	MP GAMMA2	Y	.041	4.417
57	MP GAMMA2	X	-.071	8.583
58	MP GAMMA2	X	-.071	4.417
59	MP ALPHA4	Y	.074	6.083
60	MP ALPHA4	Y	.074	1.917
61	MP ALPHA4	X	-.127	6.083
62	MP ALPHA4	X	-.127	1.917
63	MP BETA4	Y	.138	6.083
64	MP BETA4	Y	.138	1.917
65	MP BETA4	X	-.24	6.083
66	MP BETA4	X	-.24	1.917
67	MP GAMMA4	Y	.074	6.083
68	MP GAMMA4	Y	.074	1.917
69	MP GAMMA4	X	-.127	6.083
70	MP GAMMA4	X	-.127	1.917
71	MP ALPHA3	Y	.061	5.833
72	MP ALPHA3	Y	.061	1.667
73	MP ALPHA3	X	-.105	5.833

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
74	MP ALPHA3	X	-.105	1.667
75	MP BETA3	Y	.079	5.833
76	MP BETA3	Y	.079	1.667
77	MP BETA3	X	-.136	5.833
78	MP BETA3	X	-.136	1.667
79	MP GAMMA3	Y	.061	5.833
80	MP GAMMA3	Y	.061	1.667
81	MP GAMMA3	X	-.105	5.833
82	MP GAMMA3	X	-.105	1.667
83	MP ALPHA3	Y	.043	3.75
84	MP ALPHA3	X	-.074	3.75
85	MP BETA3	Y	.06	3.75
86	MP BETA3	X	-.104	3.75
87	MP GAMMA3	Y	.043	3.75
88	MP GAMMA3	X	-.074	3.75
89	MP ALPHA4	Y	.032	4
90	MP ALPHA4	X	-.056	4
91	MP BETA4	Y	.041	4
92	MP BETA4	X	-.071	4
93	MP GAMMA4	Y	.032	4
94	MP GAMMA4	X	-.056	4
95	MP ALPHA3	Y	.026	3.75
96	MP ALPHA3	X	-.045	3.75
97	MP BETA3	Y	.038	3.75
98	MP BETA3	X	-.067	3.75
99	MP GAMMA3	Y	.026	3.75
100	MP GAMMA3	X	-.045	3.75
101	MP GAMMA2	Y	.019	4
102	MP GAMMA2	X	-.033	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.09	9
2	MP ALPHA2	X	-.052	9
3	MP BETA2	Y	.09	9
4	MP BETA2	X	-.052	9
5	MP GAMMA2	Y	.061	9
6	MP GAMMA2	X	-.035	9
7	MP ALPHA2	Y	.09	9
8	MP ALPHA2	X	-.052	9
9	MP BETA2	Y	.09	9
10	MP BETA2	X	-.052	9
11	MP GAMMA2	Y	.061	9
12	MP GAMMA2	X	-.035	9
13	MP BETA5	Y	.045	2
14	MP BETA5	X	-.026	2
15	MP ALPHA2	Y	.016	7
16	MP ALPHA2	X	-.009	7
17	MP BETA2	Y	.016	7
18	MP BETA2	X	-.009	7
19	MP GAMMA2	Y	.015	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
20	MP GAMMA2	X	-.009	7
21	MP ALPHA1	Y	.009	6
22	MP ALPHA1	X	-.005	6
23	MP BETA1	Y	.009	6
24	MP BETA1	X	-.005	6
25	MP GAMMA1	Y	.013	6
26	MP GAMMA1	X	-.007	6
27	MP ALPHA1	Y	.055	6
28	MP ALPHA1	X	-.032	6
29	MP BETA1	Y	.055	6
30	MP BETA1	X	-.032	6
31	MP GAMMA1	Y	.047	6
32	MP GAMMA1	X	-.027	6
33	MP ALPHA5	Y	.045	2
34	MP ALPHA5	X	-.026	2
35	MP ALPHA1	Y	.06	5.25
36	MP ALPHA1	Y	.06	2.75
37	MP ALPHA1	X	-.034	5.25
38	MP ALPHA1	X	-.034	2.75
39	MP BETA1	Y	.06	5.25
40	MP BETA1	Y	.06	2.75
41	MP BETA1	X	-.034	5.25
42	MP BETA1	X	-.034	2.75
43	MP GAMMA1	Y	.031	5.25
44	MP GAMMA1	Y	.031	2.75
45	MP GAMMA1	X	-.018	5.25
46	MP GAMMA1	X	-.018	2.75
47	MP ALPHA2	Y	.077	8.583
48	MP ALPHA2	Y	.077	4.417
49	MP ALPHA2	X	-.045	8.583
50	MP ALPHA2	X	-.045	4.417
51	MP BETA2	Y	.077	8.583
52	MP BETA2	Y	.077	4.417
53	MP BETA2	X	-.045	8.583
54	MP BETA2	X	-.045	4.417
55	MP GAMMA2	Y	.068	8.583
56	MP GAMMA2	Y	.068	4.417
57	MP GAMMA2	X	-.039	8.583
58	MP GAMMA2	X	-.039	4.417
59	MP ALPHA4	Y	.202	6.083
60	MP ALPHA4	Y	.202	1.917
61	MP ALPHA4	X	-.117	6.083
62	MP ALPHA4	X	-.117	1.917
63	MP BETA4	Y	.202	6.083
64	MP BETA4	Y	.202	1.917
65	MP BETA4	X	-.117	6.083
66	MP BETA4	X	-.117	1.917
67	MP GAMMA4	Y	.09	6.083
68	MP GAMMA4	Y	.09	1.917
69	MP GAMMA4	X	-.052	6.083
70	MP GAMMA4	X	-.052	1.917
71	MP ALPHA3	Y	.126	5.833

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
72	MP ALPHA3	Y	.126	1.667
73	MP ALPHA3	X	-.073	5.833
74	MP ALPHA3	X	-.073	1.667
75	MP BETA3	Y	.126	5.833
76	MP BETA3	Y	.126	1.667
77	MP BETA3	X	-.073	5.833
78	MP BETA3	X	-.073	1.667
79	MP GAMMA3	Y	.095	5.833
80	MP GAMMA3	Y	.095	1.667
81	MP GAMMA3	X	-.055	5.833
82	MP GAMMA3	X	-.055	1.667
83	MP ALPHA3	Y	.094	3.75
84	MP ALPHA3	X	-.054	3.75
85	MP BETA3	Y	.094	3.75
86	MP BETA3	X	-.054	3.75
87	MP GAMMA3	Y	.064	3.75
88	MP GAMMA3	X	-.037	3.75
89	MP ALPHA4	Y	.066	4
90	MP ALPHA4	X	-.038	4
91	MP BETA4	Y	.066	4
92	MP BETA4	X	-.038	4
93	MP GAMMA4	Y	.051	4
94	MP GAMMA4	X	-.029	4
95	MP ALPHA3	Y	.06	3.75
96	MP ALPHA3	X	-.034	3.75
97	MP BETA3	Y	.06	3.75
98	MP BETA3	X	-.034	3.75
99	MP GAMMA3	Y	.038	3.75
100	MP GAMMA3	X	-.022	3.75
101	MP GAMMA2	Y	.034	4
102	MP GAMMA2	X	-.02	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.115	9
2	MP BETA2	Y	.081	9
3	MP GAMMA2	Y	.081	9
4	MP ALPHA2	Y	.115	9
5	MP BETA2	Y	.081	9
6	MP GAMMA2	Y	.081	9
7	MP BETA5	Y	.055	2
8	MP ALPHA2	Y	.018	7
9	MP BETA2	Y	.018	7
10	MP GAMMA2	Y	.018	7
11	MP ALPHA1	Y	.009	6
12	MP BETA1	Y	.013	6
13	MP GAMMA1	Y	.013	6
14	MP ALPHA1	Y	.066	6
15	MP BETA1	Y	.057	6
16	MP GAMMA1	Y	.057	6
17	MP ALPHA5	Y	.051	2

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
18	MP ALPHA1	Y	.08	5.25
19	MP ALPHA1	Y	.08	2.75
20	MP BETA1	Y	.047	5.25
21	MP BETA1	Y	.047	2.75
22	MP GAMMA1	Y	.047	5.25
23	MP GAMMA1	Y	.047	2.75
24	MP ALPHA2	Y	.093	8.583
25	MP ALPHA2	Y	.093	4.417
26	MP BETA2	Y	.082	8.583
27	MP BETA2	Y	.082	4.417
28	MP GAMMA2	Y	.082	8.583
29	MP GAMMA2	Y	.082	4.417
30	MP ALPHA4	Y	.277	6.083
31	MP ALPHA4	Y	.277	1.917
32	MP BETA4	Y	.147	6.083
33	MP BETA4	Y	.147	1.917
34	MP GAMMA4	Y	.147	6.083
35	MP GAMMA4	Y	.147	1.917
36	MP ALPHA3	Y	.157	5.833
37	MP ALPHA3	Y	.157	1.667
38	MP BETA3	Y	.122	5.833
39	MP BETA3	Y	.122	1.667
40	MP GAMMA3	Y	.122	5.833
41	MP GAMMA3	Y	.122	1.667
42	MP ALPHA3	Y	.12	3.75
43	MP BETA3	Y	.086	3.75
44	MP GAMMA3	Y	.086	3.75
45	MP ALPHA4	Y	.082	4
46	MP BETA4	Y	.065	4
47	MP GAMMA4	Y	.065	4
48	MP ALPHA3	Y	.077	3.75
49	MP BETA3	Y	.052	3.75
50	MP GAMMA3	Y	.052	3.75
51	MP GAMMA2	Y	.038	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.09	9
2	MP ALPHA2	X	.052	9
3	MP BETA2	Y	.061	9
4	MP BETA2	X	.035	9
5	MP GAMMA2	Y	.09	9
6	MP GAMMA2	X	.052	9
7	MP ALPHA2	Y	.09	9
8	MP ALPHA2	X	.052	9
9	MP BETA2	Y	.061	9
10	MP BETA2	X	.035	9
11	MP GAMMA2	Y	.09	9
12	MP GAMMA2	X	.052	9
13	MP BETA5	Y	.049	2
14	MP BETA5	X	.028	2

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
15	MP ALPHA2	Y	.016	7
16	MP ALPHA2	X	.009	7
17	MP BETA2	Y	.015	7
18	MP BETA2	X	.009	7
19	MP GAMMA2	Y	.016	7
20	MP GAMMA2	X	.009	7
21	MP ALPHA1	Y	.009	6
22	MP ALPHA1	X	.005	6
23	MP BETA1	Y	.013	6
24	MP BETA1	X	.007	6
25	MP GAMMA1	Y	.009	6
26	MP GAMMA1	X	.005	6
27	MP ALPHA1	Y	.055	6
28	MP ALPHA1	X	.032	6
29	MP BETA1	Y	.047	6
30	MP BETA1	X	.027	6
31	MP GAMMA1	Y	.055	6
32	MP GAMMA1	X	.032	6
33	MP ALPHA5	Y	.045	2
34	MP ALPHA5	X	.026	2
35	MP ALPHA1	Y	.06	5.25
36	MP ALPHA1	Y	.06	2.75
37	MP ALPHA1	X	.034	5.25
38	MP ALPHA1	X	.034	2.75
39	MP BETA1	Y	.031	5.25
40	MP BETA1	Y	.031	2.75
41	MP BETA1	X	.018	5.25
42	MP BETA1	X	.018	2.75
43	MP GAMMA1	Y	.06	5.25
44	MP GAMMA1	Y	.06	2.75
45	MP GAMMA1	X	.034	5.25
46	MP GAMMA1	X	.034	2.75
47	MP ALPHA2	Y	.077	8.583
48	MP ALPHA2	Y	.077	4.417
49	MP ALPHA2	X	.045	8.583
50	MP ALPHA2	X	.045	4.417
51	MP BETA2	Y	.068	8.583
52	MP BETA2	Y	.068	4.417
53	MP BETA2	X	.039	8.583
54	MP BETA2	X	.039	4.417
55	MP GAMMA2	Y	.077	8.583
56	MP GAMMA2	Y	.077	4.417
57	MP GAMMA2	X	.045	8.583
58	MP GAMMA2	X	.045	4.417
59	MP ALPHA4	Y	.202	6.083
60	MP ALPHA4	Y	.202	1.917
61	MP ALPHA4	X	.117	6.083
62	MP ALPHA4	X	.117	1.917
63	MP BETA4	Y	.09	6.083
64	MP BETA4	Y	.09	1.917
65	MP BETA4	X	.052	6.083
66	MP BETA4	X	.052	1.917

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
67	MP GAMMA4	Y	.202	6.083
68	MP GAMMA4	Y	.202	1.917
69	MP GAMMA4	X	.117	6.083
70	MP GAMMA4	X	.117	1.917
71	MP ALPHA3	Y	.126	5.833
72	MP ALPHA3	Y	.126	1.667
73	MP ALPHA3	X	.073	5.833
74	MP ALPHA3	X	.073	1.667
75	MP BETA3	Y	.095	5.833
76	MP BETA3	Y	.095	1.667
77	MP BETA3	X	.055	5.833
78	MP BETA3	X	.055	1.667
79	MP GAMMA3	Y	.126	5.833
80	MP GAMMA3	Y	.126	1.667
81	MP GAMMA3	X	.073	5.833
82	MP GAMMA3	X	.073	1.667
83	MP ALPHA3	Y	.094	3.75
84	MP ALPHA3	X	.054	3.75
85	MP BETA3	Y	.064	3.75
86	MP BETA3	X	.037	3.75
87	MP GAMMA3	Y	.094	3.75
88	MP GAMMA3	X	.054	3.75
89	MP ALPHA4	Y	.066	4
90	MP ALPHA4	X	.038	4
91	MP BETA4	Y	.051	4
92	MP BETA4	X	.029	4
93	MP GAMMA4	Y	.066	4
94	MP GAMMA4	X	.038	4
95	MP ALPHA3	Y	.06	3.75
96	MP ALPHA3	X	.034	3.75
97	MP BETA3	Y	.038	3.75
98	MP BETA3	X	.022	3.75
99	MP GAMMA3	Y	.06	3.75
100	MP GAMMA3	X	.034	3.75
101	MP GAMMA2	Y	.032	4
102	MP GAMMA2	X	.018	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.041	9
2	MP ALPHA2	X	.07	9
3	MP BETA2	Y	.041	9
4	MP BETA2	X	.07	9
5	MP GAMMA2	Y	.057	9
6	MP GAMMA2	X	.1	9
7	MP ALPHA2	Y	.041	9
8	MP ALPHA2	X	.071	9
9	MP BETA2	Y	.041	9
10	MP BETA2	X	.071	9
11	MP GAMMA2	Y	.058	9
12	MP GAMMA2	X	.1	9

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
13	MP BETA5	Y	.027	2
14	MP BETA5	X	.048	2
15	MP ALPHA2	Y	.009	7
16	MP ALPHA2	X	.015	7
17	MP BETA2	Y	.009	7
18	MP BETA2	X	.015	7
19	MP GAMMA2	Y	.009	7
20	MP GAMMA2	X	.016	7
21	MP ALPHA1	Y	.007	6
22	MP ALPHA1	X	.011	6
23	MP BETA1	Y	.007	6
24	MP BETA1	X	.011	6
25	MP GAMMA1	Y	.004	6
26	MP GAMMA1	X	.007	6
27	MP ALPHA1	Y	.028	6
28	MP ALPHA1	X	.049	6
29	MP BETA1	Y	.028	6
30	MP BETA1	X	.049	6
31	MP GAMMA1	Y	.033	6
32	MP GAMMA1	X	.058	6
33	MP ALPHA5	Y	.027	2
34	MP ALPHA5	X	.048	2
35	MP ALPHA1	Y	.024	5.25
36	MP ALPHA1	Y	.024	2.75
37	MP ALPHA1	X	.041	5.25
38	MP ALPHA1	X	.041	2.75
39	MP BETA1	Y	.024	5.25
40	MP BETA1	Y	.024	2.75
41	MP BETA1	X	.041	5.25
42	MP BETA1	X	.041	2.75
43	MP GAMMA1	Y	.04	5.25
44	MP GAMMA1	Y	.04	2.75
45	MP GAMMA1	X	.069	5.25
46	MP GAMMA1	X	.069	2.75
47	MP ALPHA2	Y	.041	8.583
48	MP ALPHA2	Y	.041	4.417
49	MP ALPHA2	X	.071	8.583
50	MP ALPHA2	X	.071	4.417
51	MP BETA2	Y	.041	8.583
52	MP BETA2	Y	.041	4.417
53	MP BETA2	X	.071	8.583
54	MP BETA2	X	.071	4.417
55	MP GAMMA2	Y	.047	8.583
56	MP GAMMA2	Y	.047	4.417
57	MP GAMMA2	X	.081	8.583
58	MP GAMMA2	X	.081	4.417
59	MP ALPHA4	Y	.074	6.083
60	MP ALPHA4	Y	.074	1.917
61	MP ALPHA4	X	.127	6.083
62	MP ALPHA4	X	.127	1.917
63	MP BETA4	Y	.074	6.083
64	MP BETA4	Y	.074	1.917

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
65	MP BETA4	X	.127	6.083
66	MP BETA4	X	.127	1.917
67	MP GAMMA4	Y	.138	6.083
68	MP GAMMA4	Y	.138	1.917
69	MP GAMMA4	X	.24	6.083
70	MP GAMMA4	X	.24	1.917
71	MP ALPHA3	Y	.061	5.833
72	MP ALPHA3	Y	.061	1.667
73	MP ALPHA3	X	.105	5.833
74	MP ALPHA3	X	.105	1.667
75	MP BETA3	Y	.061	5.833
76	MP BETA3	Y	.061	1.667
77	MP BETA3	X	.105	5.833
78	MP BETA3	X	.105	1.667
79	MP GAMMA3	Y	.079	5.833
80	MP GAMMA3	Y	.079	1.667
81	MP GAMMA3	X	.136	5.833
82	MP GAMMA3	X	.136	1.667
83	MP ALPHA3	Y	.043	3.75
84	MP ALPHA3	X	.074	3.75
85	MP BETA3	Y	.043	3.75
86	MP BETA3	X	.074	3.75
87	MP GAMMA3	Y	.06	3.75
88	MP GAMMA3	X	.104	3.75
89	MP ALPHA4	Y	.032	4
90	MP ALPHA4	X	.056	4
91	MP BETA4	Y	.032	4
92	MP BETA4	X	.056	4
93	MP GAMMA4	Y	.041	4
94	MP GAMMA4	X	.071	4
95	MP ALPHA3	Y	.026	3.75
96	MP ALPHA3	X	.045	3.75
97	MP BETA3	Y	.026	3.75
98	MP BETA3	X	.045	3.75
99	MP GAMMA3	Y	.038	3.75
100	MP GAMMA3	X	.067	3.75
101	MP GAMMA2	Y	.018	4
102	MP GAMMA2	X	.031	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	X	.07	9
2	MP BETA2	X	.104	9
3	MP GAMMA2	X	.104	9
4	MP ALPHA2	X	.07	9
5	MP BETA2	X	.104	9
6	MP GAMMA2	X	.104	9
7	MP BETA5	X	.052	2
8	MP ALPHA2	X	.017	7
9	MP BETA2	X	.018	7
10	MP GAMMA2	X	.018	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
11	MP ALPHA1	X	.015	6
12	MP BETA1	X	.01	6
13	MP GAMMA1	X	.01	6
14	MP ALPHA1	X	.054	6
15	MP BETA1	X	.063	6
16	MP GAMMA1	X	.063	6
17	MP ALPHA5	X	.056	2
18	MP ALPHA1	X	.036	5.25
19	MP ALPHA1	X	.036	2.75
20	MP BETA1	X	.069	5.25
21	MP BETA1	X	.069	2.75
22	MP GAMMA1	X	.069	5.25
23	MP GAMMA1	X	.069	2.75
24	MP ALPHA2	X	.078	8.583
25	MP ALPHA2	X	.078	4.417
26	MP BETA2	X	.089	8.583
27	MP BETA2	X	.089	4.417
28	MP GAMMA2	X	.089	8.583
29	MP GAMMA2	X	.089	4.417
30	MP ALPHA4	X	.104	6.083
31	MP ALPHA4	X	.104	1.917
32	MP BETA4	X	.233	6.083
33	MP BETA4	X	.233	1.917
34	MP GAMMA4	X	.233	6.083
35	MP GAMMA4	X	.233	1.917
36	MP ALPHA3	X	.11	5.833
37	MP ALPHA3	X	.11	1.667
38	MP BETA3	X	.145	5.833
39	MP BETA3	X	.145	1.667
40	MP GAMMA3	X	.145	5.833
41	MP GAMMA3	X	.145	1.667
42	MP ALPHA3	X	.074	3.75
43	MP BETA3	X	.108	3.75
44	MP GAMMA3	X	.108	3.75
45	MP ALPHA4	X	.059	4
46	MP BETA4	X	.076	4
47	MP GAMMA4	X	.076	4
48	MP ALPHA3	X	.044	3.75
49	MP BETA3	X	.069	3.75
50	MP GAMMA3	X	.069	3.75
51	MP GAMMA2	X	.036	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.041	9
2	MP ALPHA2	X	.07	9
3	MP BETA2	Y	-.057	9
4	MP BETA2	X	.1	9
5	MP GAMMA2	Y	-.041	9
6	MP GAMMA2	X	.07	9
7	MP ALPHA2	Y	-.041	9

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
8	MP ALPHA2	X	.071	9
9	MP BETA2	Y	-.058	9
10	MP BETA2	X	.1	9
11	MP GAMMA2	Y	-.041	9
12	MP GAMMA2	X	.071	9
13	MP BETA5	Y	-.025	2
14	MP BETA5	X	.044	2
15	MP ALPHA2	Y	-.009	7
16	MP ALPHA2	X	.015	7
17	MP BETA2	Y	-.009	7
18	MP BETA2	X	.016	7
19	MP GAMMA2	Y	-.009	7
20	MP GAMMA2	X	.015	7
21	MP ALPHA1	Y	-.007	6
22	MP ALPHA1	X	.011	6
23	MP BETA1	Y	-.004	6
24	MP BETA1	X	.007	6
25	MP GAMMA1	Y	-.007	6
26	MP GAMMA1	X	.011	6
27	MP ALPHA1	Y	-.028	6
28	MP ALPHA1	X	.049	6
29	MP BETA1	Y	-.033	6
30	MP BETA1	X	.058	6
31	MP GAMMA1	Y	-.028	6
32	MP GAMMA1	X	.049	6
33	MP ALPHA5	Y	-.027	2
34	MP ALPHA5	X	.048	2
35	MP ALPHA1	Y	-.024	5.25
36	MP ALPHA1	Y	-.024	2.75
37	MP ALPHA1	X	.041	5.25
38	MP ALPHA1	X	.041	2.75
39	MP BETA1	Y	-.04	5.25
40	MP BETA1	Y	-.04	2.75
41	MP BETA1	X	.069	5.25
42	MP BETA1	X	.069	2.75
43	MP GAMMA1	Y	-.024	5.25
44	MP GAMMA1	Y	-.024	2.75
45	MP GAMMA1	X	.041	5.25
46	MP GAMMA1	X	.041	2.75
47	MP ALPHA2	Y	-.041	8.583
48	MP ALPHA2	Y	-.041	4.417
49	MP ALPHA2	X	.071	8.583
50	MP ALPHA2	X	.071	4.417
51	MP BETA2	Y	-.047	8.583
52	MP BETA2	Y	-.047	4.417
53	MP BETA2	X	.081	8.583
54	MP BETA2	X	.081	4.417
55	MP GAMMA2	Y	-.041	8.583
56	MP GAMMA2	Y	-.041	4.417
57	MP GAMMA2	X	.071	8.583
58	MP GAMMA2	X	.071	4.417
59	MP ALPHA4	Y	-.074	6.083

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
60	MP ALPHA4	Y	-.074	1.917
61	MP ALPHA4	X	.127	6.083
62	MP ALPHA4	X	.127	1.917
63	MP BETA4	Y	-.138	6.083
64	MP BETA4	Y	-.138	1.917
65	MP BETA4	X	.24	6.083
66	MP BETA4	X	.24	1.917
67	MP GAMMA4	Y	-.074	6.083
68	MP GAMMA4	Y	-.074	1.917
69	MP GAMMA4	X	.127	6.083
70	MP GAMMA4	X	.127	1.917
71	MP ALPHA3	Y	-.061	5.833
72	MP ALPHA3	Y	-.061	1.667
73	MP ALPHA3	X	.105	5.833
74	MP ALPHA3	X	.105	1.667
75	MP BETA3	Y	-.079	5.833
76	MP BETA3	Y	-.079	1.667
77	MP BETA3	X	.136	5.833
78	MP BETA3	X	.136	1.667
79	MP GAMMA3	Y	-.061	5.833
80	MP GAMMA3	Y	-.061	1.667
81	MP GAMMA3	X	.105	5.833
82	MP GAMMA3	X	.105	1.667
83	MP ALPHA3	Y	-.043	3.75
84	MP ALPHA3	X	.074	3.75
85	MP BETA3	Y	-.06	3.75
86	MP BETA3	X	.104	3.75
87	MP GAMMA3	Y	-.043	3.75
88	MP GAMMA3	X	.074	3.75
89	MP ALPHA4	Y	-.032	4
90	MP ALPHA4	X	.056	4
91	MP BETA4	Y	-.041	4
92	MP BETA4	X	.071	4
93	MP GAMMA4	Y	-.032	4
94	MP GAMMA4	X	.056	4
95	MP ALPHA3	Y	-.026	3.75
96	MP ALPHA3	X	.045	3.75
97	MP BETA3	Y	-.038	3.75
98	MP BETA3	X	.067	3.75
99	MP GAMMA3	Y	-.026	3.75
100	MP GAMMA3	X	.045	3.75
101	MP GAMMA2	Y	-.019	4
102	MP GAMMA2	X	.033	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.09	9
2	MP ALPHA2	X	.052	9
3	MP BETA2	Y	-.09	9
4	MP BETA2	X	.052	9
5	MP GAMMA2	Y	-.061	9

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
6	MP GAMMA2	X	.035	9
7	MP ALPHA2	Y	-.09	9
8	MP ALPHA2	X	.052	9
9	MP BETA2	Y	-.09	9
10	MP BETA2	X	.052	9
11	MP GAMMA2	Y	-.061	9
12	MP GAMMA2	X	.035	9
13	MP BETA5	Y	-.045	2
14	MP BETA5	X	.026	2
15	MP ALPHA2	Y	-.016	7
16	MP ALPHA2	X	.009	7
17	MP BETA2	Y	-.016	7
18	MP BETA2	X	.009	7
19	MP GAMMA2	Y	-.015	7
20	MP GAMMA2	X	.009	7
21	MP ALPHA1	Y	-.009	6
22	MP ALPHA1	X	.005	6
23	MP BETA1	Y	-.009	6
24	MP BETA1	X	.005	6
25	MP GAMMA1	Y	-.013	6
26	MP GAMMA1	X	.007	6
27	MP ALPHA1	Y	-.055	6
28	MP ALPHA1	X	.032	6
29	MP BETA1	Y	-.055	6
30	MP BETA1	X	.032	6
31	MP GAMMA1	Y	-.047	6
32	MP GAMMA1	X	.027	6
33	MP ALPHA5	Y	-.045	2
34	MP ALPHA5	X	.026	2
35	MP ALPHA1	Y	-.06	5.25
36	MP ALPHA1	Y	-.06	2.75
37	MP ALPHA1	X	.034	5.25
38	MP ALPHA1	X	.034	2.75
39	MP BETA1	Y	-.06	5.25
40	MP BETA1	Y	-.06	2.75
41	MP BETA1	X	.034	5.25
42	MP BETA1	X	.034	2.75
43	MP GAMMA1	Y	-.031	5.25
44	MP GAMMA1	Y	-.031	2.75
45	MP GAMMA1	X	.018	5.25
46	MP GAMMA1	X	.018	2.75
47	MP ALPHA2	Y	-.077	8.583
48	MP ALPHA2	Y	-.077	4.417
49	MP ALPHA2	X	.045	8.583
50	MP ALPHA2	X	.045	4.417
51	MP BETA2	Y	-.077	8.583
52	MP BETA2	Y	-.077	4.417
53	MP BETA2	X	.045	8.583
54	MP BETA2	X	.045	4.417
55	MP GAMMA2	Y	-.068	8.583
56	MP GAMMA2	Y	-.068	4.417
57	MP GAMMA2	X	.039	8.583

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
58	MP GAMMA2	X	.039	4.417
59	MP ALPHA4	Y	-.202	6.083
60	MP ALPHA4	Y	-.202	1.917
61	MP ALPHA4	X	.117	6.083
62	MP ALPHA4	X	.117	1.917
63	MP BETA4	Y	-.202	6.083
64	MP BETA4	Y	-.202	1.917
65	MP BETA4	X	.117	6.083
66	MP BETA4	X	.117	1.917
67	MP GAMMA4	Y	-.09	6.083
68	MP GAMMA4	Y	-.09	1.917
69	MP GAMMA4	X	.052	6.083
70	MP GAMMA4	X	.052	1.917
71	MP ALPHA3	Y	-.126	5.833
72	MP ALPHA3	Y	-.126	1.667
73	MP ALPHA3	X	.073	5.833
74	MP ALPHA3	X	.073	1.667
75	MP BETA3	Y	-.126	5.833
76	MP BETA3	Y	-.126	1.667
77	MP BETA3	X	.073	5.833
78	MP BETA3	X	.073	1.667
79	MP GAMMA3	Y	-.095	5.833
80	MP GAMMA3	Y	-.095	1.667
81	MP GAMMA3	X	.055	5.833
82	MP GAMMA3	X	.055	1.667
83	MP ALPHA3	Y	-.094	3.75
84	MP ALPHA3	X	.054	3.75
85	MP BETA3	Y	-.094	3.75
86	MP BETA3	X	.054	3.75
87	MP GAMMA3	Y	-.064	3.75
88	MP GAMMA3	X	.037	3.75
89	MP ALPHA4	Y	-.066	4
90	MP ALPHA4	X	.038	4
91	MP BETA4	Y	-.066	4
92	MP BETA4	X	.038	4
93	MP GAMMA4	Y	-.051	4
94	MP GAMMA4	X	.029	4
95	MP ALPHA3	Y	-.06	3.75
96	MP ALPHA3	X	.034	3.75
97	MP BETA3	Y	-.06	3.75
98	MP BETA3	X	.034	3.75
99	MP GAMMA3	Y	-.038	3.75
100	MP GAMMA3	X	.022	3.75
101	MP GAMMA2	Y	-.034	4
102	MP GAMMA2	X	.02	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.006	9
2	MP BETA2	Y	-.004	9
3	MP GAMMA2	Y	-.004	9

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
4	MP ALPHA2	Y	-.006	9
5	MP BETA2	Y	-.004	9
6	MP GAMMA2	Y	-.004	9
7	MP BETA5	Y	-.003	2
8	MP ALPHA2	Y	-.000967	7
9	MP BETA2	Y	-.000933	7
10	MP GAMMA2	Y	-.000933	7
11	MP ALPHA1	Y	-.000455	6
12	MP BETA1	Y	-.000699	6
13	MP GAMMA1	Y	-.000699	6
14	MP ALPHA1	Y	-.004	6
15	MP BETA1	Y	-.003	6
16	MP GAMMA1	Y	-.003	6
17	MP ALPHA5	Y	-.003	2
18	MP ALPHA1	Y	-.004	5.25
19	MP ALPHA1	Y	-.004	2.75
20	MP BETA1	Y	-.003	5.25
21	MP BETA1	Y	-.003	2.75
22	MP GAMMA1	Y	-.003	5.25
23	MP GAMMA1	Y	-.003	2.75
24	MP ALPHA2	Y	-.005	8.583
25	MP ALPHA2	Y	-.005	4.417
26	MP BETA2	Y	-.004	8.583
27	MP BETA2	Y	-.004	4.417
28	MP GAMMA2	Y	-.004	8.583
29	MP GAMMA2	Y	-.004	4.417
30	MP ALPHA4	Y	-.015	6.083
31	MP ALPHA4	Y	-.015	1.917
32	MP BETA4	Y	-.008	6.083
33	MP BETA4	Y	-.008	1.917
34	MP GAMMA4	Y	-.008	6.083
35	MP GAMMA4	Y	-.008	1.917
36	MP ALPHA3	Y	-.008	5.833
37	MP ALPHA3	Y	-.008	1.667
38	MP BETA3	Y	-.006	5.833
39	MP BETA3	Y	-.006	1.667
40	MP GAMMA3	Y	-.006	5.833
41	MP GAMMA3	Y	-.006	1.667
42	MP ALPHA3	Y	-.006	3.75
43	MP BETA3	Y	-.005	3.75
44	MP GAMMA3	Y	-.005	3.75
45	MP ALPHA4	Y	-.004	4
46	MP BETA4	Y	-.003	4
47	MP GAMMA4	Y	-.003	4
48	MP ALPHA3	Y	-.004	3.75
49	MP BETA3	Y	-.003	3.75
50	MP GAMMA3	Y	-.003	3.75
51	MP GAMMA2	Y	-.002	4

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

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

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.005	9
2	MP ALPHA2	X	-.003	9
3	MP BETA2	Y	-.003	9
4	MP BETA2	X	-.002	9
5	MP GAMMA2	Y	-.005	9
6	MP GAMMA2	X	-.003	9
7	MP ALPHA2	Y	-.005	9
8	MP ALPHA2	X	-.003	9
9	MP BETA2	Y	-.003	9
10	MP BETA2	X	-.002	9
11	MP GAMMA2	Y	-.005	9
12	MP GAMMA2	X	-.003	9
13	MP BETA5	Y	-.003	2
14	MP BETA5	X	-.002	2
15	MP ALPHA2	Y	-.000828	7
16	MP ALPHA2	X	-.000478	7
17	MP BETA2	Y	-.000799	7
18	MP BETA2	X	-.000461	7
19	MP GAMMA2	Y	-.000828	7
20	MP GAMMA2	X	-.000478	7
21	MP ALPHA1	Y	-.000465	6
22	MP ALPHA1	X	-.000268	6
23	MP BETA1	Y	-.000676	6
24	MP BETA1	X	-.00039	6
25	MP GAMMA1	Y	-.000465	6
26	MP GAMMA1	X	-.000268	6
27	MP ALPHA1	Y	-.003	6
28	MP ALPHA1	X	-.002	6
29	MP BETA1	Y	-.002	6
30	MP BETA1	X	-.001	6
31	MP GAMMA1	Y	-.003	6
32	MP GAMMA1	X	-.002	6
33	MP ALPHA5	Y	-.002	2
34	MP ALPHA5	X	-.001	2
35	MP ALPHA1	Y	-.003	5.25
36	MP ALPHA1	Y	-.003	2.75
37	MP ALPHA1	X	-.002	5.25
38	MP ALPHA1	X	-.002	2.75
39	MP BETA1	Y	-.002	5.25
40	MP BETA1	Y	-.002	2.75
41	MP BETA1	X	-.000966	5.25
42	MP BETA1	X	-.000966	2.75
43	MP GAMMA1	Y	-.003	5.25
44	MP GAMMA1	Y	-.003	2.75
45	MP GAMMA1	X	-.002	5.25
46	MP GAMMA1	X	-.002	2.75
47	MP ALPHA2	Y	-.004	8.583
48	MP ALPHA2	Y	-.004	4.417
49	MP ALPHA2	X	-.002	8.583
50	MP ALPHA2	X	-.002	4.417
51	MP BETA2	Y	-.004	8.583
52	MP BETA2	Y	-.004	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	-.002	8.583
54	MP BETA2	X	-.002	4.417
55	MP GAMMA2	Y	-.004	8.583
56	MP GAMMA2	Y	-.004	4.417
57	MP GAMMA2	X	-.002	8.583
58	MP GAMMA2	X	-.002	4.417
59	MP ALPHA4	Y	-.011	6.083
60	MP ALPHA4	Y	-.011	1.917
61	MP ALPHA4	X	-.006	6.083
62	MP ALPHA4	X	-.006	1.917
63	MP BETA4	Y	-.005	6.083
64	MP BETA4	Y	-.005	1.917
65	MP BETA4	X	-.003	6.083
66	MP BETA4	X	-.003	1.917
67	MP GAMMA4	Y	-.011	6.083
68	MP GAMMA4	Y	-.011	1.917
69	MP GAMMA4	X	-.006	6.083
70	MP GAMMA4	X	-.006	1.917
71	MP ALPHA3	Y	-.007	5.833
72	MP ALPHA3	Y	-.007	1.667
73	MP ALPHA3	X	-.004	5.833
74	MP ALPHA3	X	-.004	1.667
75	MP BETA3	Y	-.005	5.833
76	MP BETA3	Y	-.005	1.667
77	MP BETA3	X	-.003	5.833
78	MP BETA3	X	-.003	1.667
79	MP GAMMA3	Y	-.007	5.833
80	MP GAMMA3	Y	-.007	1.667
81	MP GAMMA3	X	-.004	5.833
82	MP GAMMA3	X	-.004	1.667
83	MP ALPHA3	Y	-.005	3.75
84	MP ALPHA3	X	-.003	3.75
85	MP BETA3	Y	-.003	3.75
86	MP BETA3	X	-.002	3.75
87	MP GAMMA3	Y	-.005	3.75
88	MP GAMMA3	X	-.003	3.75
89	MP ALPHA4	Y	-.004	4
90	MP ALPHA4	X	-.002	4
91	MP BETA4	Y	-.003	4
92	MP BETA4	X	-.002	4
93	MP GAMMA4	Y	-.004	4
94	MP GAMMA4	X	-.002	4
95	MP ALPHA3	Y	-.003	3.75
96	MP ALPHA3	X	-.002	3.75
97	MP BETA3	Y	-.002	3.75
98	MP BETA3	X	-.001	3.75
99	MP GAMMA3	Y	-.003	3.75
100	MP GAMMA3	X	-.002	3.75
101	MP GAMMA2	Y	-.002	4
102	MP GAMMA2	X	-.000971	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.002	9
2	MP ALPHA2	X	-.004	9
3	MP BETA2	Y	-.002	9
4	MP BETA2	X	-.004	9
5	MP GAMMA2	Y	-.003	9
6	MP GAMMA2	X	-.005	9
7	MP ALPHA2	Y	-.002	9
8	MP ALPHA2	X	-.004	9
9	MP BETA2	Y	-.002	9
10	MP BETA2	X	-.004	9
11	MP GAMMA2	Y	-.003	9
12	MP GAMMA2	X	-.005	9
13	MP BETA5	Y	-.001	2
14	MP BETA5	X	-.003	2
15	MP ALPHA2	Y	-.000467	7
16	MP ALPHA2	X	-.000808	7
17	MP BETA2	Y	-.000467	7
18	MP BETA2	X	-.000808	7
19	MP GAMMA2	Y	-.000483	7
20	MP GAMMA2	X	-.000837	7
21	MP ALPHA1	Y	-.00035	6
22	MP ALPHA1	X	-.000606	6
23	MP BETA1	Y	-.00035	6
24	MP BETA1	X	-.000606	6
25	MP GAMMA1	Y	-.000228	6
26	MP GAMMA1	X	-.000394	6
27	MP ALPHA1	Y	-.002	6
28	MP ALPHA1	X	-.003	6
29	MP BETA1	Y	-.002	6
30	MP BETA1	X	-.003	6
31	MP GAMMA1	Y	-.002	6
32	MP GAMMA1	X	-.003	6
33	MP ALPHA5	Y	-.001	2
34	MP ALPHA5	X	-.003	2
35	MP ALPHA1	Y	-.001	5.25
36	MP ALPHA1	Y	-.001	2.75
37	MP ALPHA1	X	-.002	5.25
38	MP ALPHA1	X	-.002	2.75
39	MP BETA1	Y	-.001	5.25
40	MP BETA1	Y	-.001	2.75
41	MP BETA1	X	-.002	5.25
42	MP BETA1	X	-.002	2.75
43	MP GAMMA1	Y	-.002	5.25
44	MP GAMMA1	Y	-.002	2.75
45	MP GAMMA1	X	-.004	5.25
46	MP GAMMA1	X	-.004	2.75
47	MP ALPHA2	Y	-.002	8.583
48	MP ALPHA2	Y	-.002	4.417
49	MP ALPHA2	X	-.004	8.583
50	MP ALPHA2	X	-.004	4.417
51	MP BETA2	Y	-.002	8.583
52	MP BETA2	Y	-.002	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	-.004	8.583
54	MP BETA2	X	-.004	4.417
55	MP GAMMA2	Y	-.002	8.583
56	MP GAMMA2	Y	-.002	4.417
57	MP GAMMA2	X	-.004	8.583
58	MP GAMMA2	X	-.004	4.417
59	MP ALPHA4	Y	-.004	6.083
60	MP ALPHA4	Y	-.004	1.917
61	MP ALPHA4	X	-.007	6.083
62	MP ALPHA4	X	-.007	1.917
63	MP BETA4	Y	-.004	6.083
64	MP BETA4	Y	-.004	1.917
65	MP BETA4	X	-.007	6.083
66	MP BETA4	X	-.007	1.917
67	MP GAMMA4	Y	-.007	6.083
68	MP GAMMA4	Y	-.007	1.917
69	MP GAMMA4	X	-.013	6.083
70	MP GAMMA4	X	-.013	1.917
71	MP ALPHA3	Y	-.003	5.833
72	MP ALPHA3	Y	-.003	1.667
73	MP ALPHA3	X	-.006	5.833
74	MP ALPHA3	X	-.006	1.667
75	MP BETA3	Y	-.003	5.833
76	MP BETA3	Y	-.003	1.667
77	MP BETA3	X	-.006	5.833
78	MP BETA3	X	-.006	1.667
79	MP GAMMA3	Y	-.004	5.833
80	MP GAMMA3	Y	-.004	1.667
81	MP GAMMA3	X	-.007	5.833
82	MP GAMMA3	X	-.007	1.667
83	MP ALPHA3	Y	-.002	3.75
84	MP ALPHA3	X	-.004	3.75
85	MP BETA3	Y	-.002	3.75
86	MP BETA3	X	-.004	3.75
87	MP GAMMA3	Y	-.003	3.75
88	MP GAMMA3	X	-.006	3.75
89	MP ALPHA4	Y	-.002	4
90	MP ALPHA4	X	-.003	4
91	MP BETA4	Y	-.002	4
92	MP BETA4	X	-.003	4
93	MP GAMMA4	Y	-.002	4
94	MP GAMMA4	X	-.004	4
95	MP ALPHA3	Y	-.001	3.75
96	MP ALPHA3	X	-.002	3.75
97	MP BETA3	Y	-.001	3.75
98	MP BETA3	X	-.002	3.75
99	MP GAMMA3	Y	-.002	3.75
100	MP GAMMA3	X	-.004	3.75
101	MP GAMMA2	Y	-.000945	4
102	MP GAMMA2	X	-.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	X	-.004	9
2	MP BETA2	X	-.006	9
3	MP GAMMA2	X	-.006	9
4	MP ALPHA2	X	-.004	9
5	MP BETA2	X	-.006	9
6	MP GAMMA2	X	-.006	9
7	MP BETA5	X	-.003	2
8	MP ALPHA2	X	-.000922	7
9	MP BETA2	X	-.000956	7
10	MP GAMMA2	X	-.000956	7
11	MP ALPHA1	X	-.000781	6
12	MP BETA1	X	-.000537	6
13	MP GAMMA1	X	-.000537	6
14	MP ALPHA1	X	-.003	6
15	MP BETA1	X	-.003	6
16	MP GAMMA1	X	-.003	6
17	MP ALPHA5	X	-.003	2
18	MP ALPHA1	X	-.002	5.25
19	MP ALPHA1	X	-.002	2.75
20	MP BETA1	X	-.004	5.25
21	MP BETA1	X	-.004	2.75
22	MP GAMMA1	X	-.004	5.25
23	MP GAMMA1	X	-.004	2.75
24	MP ALPHA2	X	-.004	8.583
25	MP ALPHA2	X	-.004	4.417
26	MP BETA2	X	-.005	8.583
27	MP BETA2	X	-.005	4.417
28	MP GAMMA2	X	-.005	8.583
29	MP GAMMA2	X	-.005	4.417
30	MP ALPHA4	X	-.006	6.083
31	MP ALPHA4	X	-.006	1.917
32	MP BETA4	X	-.012	6.083
33	MP BETA4	X	-.012	1.917
34	MP GAMMA4	X	-.012	6.083
35	MP GAMMA4	X	-.012	1.917
36	MP ALPHA3	X	-.006	5.833
37	MP ALPHA3	X	-.006	1.667
38	MP BETA3	X	-.008	5.833
39	MP BETA3	X	-.008	1.667
40	MP GAMMA3	X	-.008	5.833
41	MP GAMMA3	X	-.008	1.667
42	MP ALPHA3	X	-.004	3.75
43	MP BETA3	X	-.006	3.75
44	MP GAMMA3	X	-.006	3.75
45	MP ALPHA4	X	-.003	4
46	MP BETA4	X	-.004	4
47	MP GAMMA4	X	-.004	4
48	MP ALPHA3	X	-.002	3.75
49	MP BETA3	X	-.004	3.75
50	MP GAMMA3	X	-.004	3.75
51	MP GAMMA2	X	-.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.002	9
2	MP ALPHA2	X	-.004	9
3	MP BETA2	Y	.003	9
4	MP BETA2	X	-.005	9
5	MP GAMMA2	Y	.002	9
6	MP GAMMA2	X	-.004	9
7	MP ALPHA2	Y	.002	9
8	MP ALPHA2	X	-.004	9
9	MP BETA2	Y	.003	9
10	MP BETA2	X	-.005	9
11	MP GAMMA2	Y	.002	9
12	MP GAMMA2	X	-.004	9
13	MP BETA5	Y	.001	2
14	MP BETA5	X	-.002	2
15	MP ALPHA2	Y	.000467	7
16	MP ALPHA2	X	-.000808	7
17	MP BETA2	Y	.000483	7
18	MP BETA2	X	-.000837	7
19	MP GAMMA2	Y	.000467	7
20	MP GAMMA2	X	-.000808	7
21	MP ALPHA1	Y	.00035	6
22	MP ALPHA1	X	-.000606	6
23	MP BETA1	Y	.000228	6
24	MP BETA1	X	-.000394	6
25	MP GAMMA1	Y	.00035	6
26	MP GAMMA1	X	-.000606	6
27	MP ALPHA1	Y	.002	6
28	MP ALPHA1	X	-.003	6
29	MP BETA1	Y	.002	6
30	MP BETA1	X	-.003	6
31	MP GAMMA1	Y	.002	6
32	MP GAMMA1	X	-.003	6
33	MP ALPHA5	Y	.001	2
34	MP ALPHA5	X	-.003	2
35	MP ALPHA1	Y	.001	5.25
36	MP ALPHA1	Y	.001	2.75
37	MP ALPHA1	X	-.002	5.25
38	MP ALPHA1	X	-.002	2.75
39	MP BETA1	Y	.002	5.25
40	MP BETA1	Y	.002	2.75
41	MP BETA1	X	-.004	5.25
42	MP BETA1	X	-.004	2.75
43	MP GAMMA1	Y	.001	5.25
44	MP GAMMA1	Y	.001	2.75
45	MP GAMMA1	X	-.002	5.25
46	MP GAMMA1	X	-.002	2.75
47	MP ALPHA2	Y	.002	8.583
48	MP ALPHA2	Y	.002	4.417
49	MP ALPHA2	X	-.004	8.583
50	MP ALPHA2	X	-.004	4.417
51	MP BETA2	Y	.002	8.583
52	MP BETA2	Y	.002	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	-.004	8.583
54	MP BETA2	X	-.004	4.417
55	MP GAMMA2	Y	.002	8.583
56	MP GAMMA2	Y	.002	4.417
57	MP GAMMA2	X	-.004	8.583
58	MP GAMMA2	X	-.004	4.417
59	MP ALPHA4	Y	.004	6.083
60	MP ALPHA4	Y	.004	1.917
61	MP ALPHA4	X	-.007	6.083
62	MP ALPHA4	X	-.007	1.917
63	MP BETA4	Y	.007	6.083
64	MP BETA4	Y	.007	1.917
65	MP BETA4	X	-.013	6.083
66	MP BETA4	X	-.013	1.917
67	MP GAMMA4	Y	.004	6.083
68	MP GAMMA4	Y	.004	1.917
69	MP GAMMA4	X	-.007	6.083
70	MP GAMMA4	X	-.007	1.917
71	MP ALPHA3	Y	.003	5.833
72	MP ALPHA3	Y	.003	1.667
73	MP ALPHA3	X	-.006	5.833
74	MP ALPHA3	X	-.006	1.667
75	MP BETA3	Y	.004	5.833
76	MP BETA3	Y	.004	1.667
77	MP BETA3	X	-.007	5.833
78	MP BETA3	X	-.007	1.667
79	MP GAMMA3	Y	.003	5.833
80	MP GAMMA3	Y	.003	1.667
81	MP GAMMA3	X	-.006	5.833
82	MP GAMMA3	X	-.006	1.667
83	MP ALPHA3	Y	.002	3.75
84	MP ALPHA3	X	-.004	3.75
85	MP BETA3	Y	.003	3.75
86	MP BETA3	X	-.006	3.75
87	MP GAMMA3	Y	.002	3.75
88	MP GAMMA3	X	-.004	3.75
89	MP ALPHA4	Y	.002	4
90	MP ALPHA4	X	-.003	4
91	MP BETA4	Y	.002	4
92	MP BETA4	X	-.004	4
93	MP GAMMA4	Y	.002	4
94	MP GAMMA4	X	-.003	4
95	MP ALPHA3	Y	.001	3.75
96	MP ALPHA3	X	-.002	3.75
97	MP BETA3	Y	.002	3.75
98	MP BETA3	X	-.004	3.75
99	MP GAMMA3	Y	.001	3.75
100	MP GAMMA3	X	-.002	3.75
101	MP GAMMA2	Y	.001	4
102	MP GAMMA2	X	-.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.005	9
2	MP ALPHA2	X	-.003	9
3	MP BETA2	Y	.005	9
4	MP BETA2	X	-.003	9
5	MP GAMMA2	Y	.003	9
6	MP GAMMA2	X	-.002	9
7	MP ALPHA2	Y	.005	9
8	MP ALPHA2	X	-.003	9
9	MP BETA2	Y	.005	9
10	MP BETA2	X	-.003	9
11	MP GAMMA2	Y	.003	9
12	MP GAMMA2	X	-.002	9
13	MP BETA5	Y	.002	2
14	MP BETA5	X	-.001	2
15	MP ALPHA2	Y	.000828	7
16	MP ALPHA2	X	-.000478	7
17	MP BETA2	Y	.000828	7
18	MP BETA2	X	-.000478	7
19	MP GAMMA2	Y	.000799	7
20	MP GAMMA2	X	-.000461	7
21	MP ALPHA1	Y	.000465	6
22	MP ALPHA1	X	-.000268	6
23	MP BETA1	Y	.000465	6
24	MP BETA1	X	-.000268	6
25	MP GAMMA1	Y	.000676	6
26	MP GAMMA1	X	-.00039	6
27	MP ALPHA1	Y	.003	6
28	MP ALPHA1	X	-.002	6
29	MP BETA1	Y	.003	6
30	MP BETA1	X	-.002	6
31	MP GAMMA1	Y	.002	6
32	MP GAMMA1	X	-.001	6
33	MP ALPHA5	Y	.002	2
34	MP ALPHA5	X	-.001	2
35	MP ALPHA1	Y	.003	5.25
36	MP ALPHA1	Y	.003	2.75
37	MP ALPHA1	X	-.002	5.25
38	MP ALPHA1	X	-.002	2.75
39	MP BETA1	Y	.003	5.25
40	MP BETA1	Y	.003	2.75
41	MP BETA1	X	-.002	5.25
42	MP BETA1	X	-.002	2.75
43	MP GAMMA1	Y	.002	5.25
44	MP GAMMA1	Y	.002	2.75
45	MP GAMMA1	X	-.000966	5.25
46	MP GAMMA1	X	-.000966	2.75
47	MP ALPHA2	Y	.004	8.583
48	MP ALPHA2	Y	.004	4.417
49	MP ALPHA2	X	-.002	8.583
50	MP ALPHA2	X	-.002	4.417
51	MP BETA2	Y	.004	8.583
52	MP BETA2	Y	.004	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	-.002	8.583
54	MP BETA2	X	-.002	4.417
55	MP GAMMA2	Y	.004	8.583
56	MP GAMMA2	Y	.004	4.417
57	MP GAMMA2	X	-.002	8.583
58	MP GAMMA2	X	-.002	4.417
59	MP ALPHA4	Y	.011	6.083
60	MP ALPHA4	Y	.011	1.917
61	MP ALPHA4	X	-.006	6.083
62	MP ALPHA4	X	-.006	1.917
63	MP BETA4	Y	.011	6.083
64	MP BETA4	Y	.011	1.917
65	MP BETA4	X	-.006	6.083
66	MP BETA4	X	-.006	1.917
67	MP GAMMA4	Y	.005	6.083
68	MP GAMMA4	Y	.005	1.917
69	MP GAMMA4	X	-.003	6.083
70	MP GAMMA4	X	-.003	1.917
71	MP ALPHA3	Y	.007	5.833
72	MP ALPHA3	Y	.007	1.667
73	MP ALPHA3	X	-.004	5.833
74	MP ALPHA3	X	-.004	1.667
75	MP BETA3	Y	.007	5.833
76	MP BETA3	Y	.007	1.667
77	MP BETA3	X	-.004	5.833
78	MP BETA3	X	-.004	1.667
79	MP GAMMA3	Y	.005	5.833
80	MP GAMMA3	Y	.005	1.667
81	MP GAMMA3	X	-.003	5.833
82	MP GAMMA3	X	-.003	1.667
83	MP ALPHA3	Y	.005	3.75
84	MP ALPHA3	X	-.003	3.75
85	MP BETA3	Y	.005	3.75
86	MP BETA3	X	-.003	3.75
87	MP GAMMA3	Y	.003	3.75
88	MP GAMMA3	X	-.002	3.75
89	MP ALPHA4	Y	.004	4
90	MP ALPHA4	X	-.002	4
91	MP BETA4	Y	.004	4
92	MP BETA4	X	-.002	4
93	MP GAMMA4	Y	.003	4
94	MP GAMMA4	X	-.002	4
95	MP ALPHA3	Y	.003	3.75
96	MP ALPHA3	X	-.002	3.75
97	MP BETA3	Y	.003	3.75
98	MP BETA3	X	-.002	3.75
99	MP GAMMA3	Y	.002	3.75
100	MP GAMMA3	X	-.001	3.75
101	MP GAMMA2	Y	.002	4
102	MP GAMMA2	X	-.001	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.006	9
2	MP BETA2	Y	.004	9
3	MP GAMMA2	Y	.004	9
4	MP ALPHA2	Y	.006	9
5	MP BETA2	Y	.004	9
6	MP GAMMA2	Y	.004	9
7	MP BETA5	Y	.003	2
8	MP ALPHA2	Y	.000967	7
9	MP BETA2	Y	.000933	7
10	MP GAMMA2	Y	.000933	7
11	MP ALPHA1	Y	.000455	6
12	MP BETA1	Y	.000699	6
13	MP GAMMA1	Y	.000699	6
14	MP ALPHA1	Y	.004	6
15	MP BETA1	Y	.003	6
16	MP GAMMA1	Y	.003	6
17	MP ALPHA5	Y	.003	2
18	MP ALPHA1	Y	.004	5.25
19	MP ALPHA1	Y	.004	2.75
20	MP BETA1	Y	.003	5.25
21	MP BETA1	Y	.003	2.75
22	MP GAMMA1	Y	.003	5.25
23	MP GAMMA1	Y	.003	2.75
24	MP ALPHA2	Y	.005	8.583
25	MP ALPHA2	Y	.005	4.417
26	MP BETA2	Y	.004	8.583
27	MP BETA2	Y	.004	4.417
28	MP GAMMA2	Y	.004	8.583
29	MP GAMMA2	Y	.004	4.417
30	MP ALPHA4	Y	.015	6.083
31	MP ALPHA4	Y	.015	1.917
32	MP BETA4	Y	.008	6.083
33	MP BETA4	Y	.008	1.917
34	MP GAMMA4	Y	.008	6.083
35	MP GAMMA4	Y	.008	1.917
36	MP ALPHA3	Y	.008	5.833
37	MP ALPHA3	Y	.008	1.667
38	MP BETA3	Y	.006	5.833
39	MP BETA3	Y	.006	1.667
40	MP GAMMA3	Y	.006	5.833
41	MP GAMMA3	Y	.006	1.667
42	MP ALPHA3	Y	.006	3.75
43	MP BETA3	Y	.005	3.75
44	MP GAMMA3	Y	.005	3.75
45	MP ALPHA4	Y	.004	4
46	MP BETA4	Y	.003	4
47	MP GAMMA4	Y	.003	4
48	MP ALPHA3	Y	.004	3.75
49	MP BETA3	Y	.003	3.75
50	MP GAMMA3	Y	.003	3.75
51	MP GAMMA2	Y	.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.005	9
2	MP ALPHA2	X	.003	9
3	MP BETA2	Y	.003	9
4	MP BETA2	X	.002	9
5	MP GAMMA2	Y	.005	9
6	MP GAMMA2	X	.003	9
7	MP ALPHA2	Y	.005	9
8	MP ALPHA2	X	.003	9
9	MP BETA2	Y	.003	9
10	MP BETA2	X	.002	9
11	MP GAMMA2	Y	.005	9
12	MP GAMMA2	X	.003	9
13	MP BETA5	Y	.003	2
14	MP BETA5	X	.002	2
15	MP ALPHA2	Y	.000828	7
16	MP ALPHA2	X	.000478	7
17	MP BETA2	Y	.000799	7
18	MP BETA2	X	.000461	7
19	MP GAMMA2	Y	.000828	7
20	MP GAMMA2	X	.000478	7
21	MP ALPHA1	Y	.000465	6
22	MP ALPHA1	X	.000268	6
23	MP BETA1	Y	.000676	6
24	MP BETA1	X	.00039	6
25	MP GAMMA1	Y	.000465	6
26	MP GAMMA1	X	.000268	6
27	MP ALPHA1	Y	.003	6
28	MP ALPHA1	X	.002	6
29	MP BETA1	Y	.002	6
30	MP BETA1	X	.001	6
31	MP GAMMA1	Y	.003	6
32	MP GAMMA1	X	.002	6
33	MP ALPHA5	Y	.002	2
34	MP ALPHA5	X	.001	2
35	MP ALPHA1	Y	.003	5.25
36	MP ALPHA1	Y	.003	2.75
37	MP ALPHA1	X	.002	5.25
38	MP ALPHA1	X	.002	2.75
39	MP BETA1	Y	.002	5.25
40	MP BETA1	Y	.002	2.75
41	MP BETA1	X	.000966	5.25
42	MP BETA1	X	.000966	2.75
43	MP GAMMA1	Y	.003	5.25
44	MP GAMMA1	Y	.003	2.75
45	MP GAMMA1	X	.002	5.25
46	MP GAMMA1	X	.002	2.75
47	MP ALPHA2	Y	.004	8.583
48	MP ALPHA2	Y	.004	4.417
49	MP ALPHA2	X	.002	8.583
50	MP ALPHA2	X	.002	4.417
51	MP BETA2	Y	.004	8.583
52	MP BETA2	Y	.004	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	.002	8.583
54	MP BETA2	X	.002	4.417
55	MP GAMMA2	Y	.004	8.583
56	MP GAMMA2	Y	.004	4.417
57	MP GAMMA2	X	.002	8.583
58	MP GAMMA2	X	.002	4.417
59	MP ALPHA4	Y	.011	6.083
60	MP ALPHA4	Y	.011	1.917
61	MP ALPHA4	X	.006	6.083
62	MP ALPHA4	X	.006	1.917
63	MP BETA4	Y	.005	6.083
64	MP BETA4	Y	.005	1.917
65	MP BETA4	X	.003	6.083
66	MP BETA4	X	.003	1.917
67	MP GAMMA4	Y	.011	6.083
68	MP GAMMA4	Y	.011	1.917
69	MP GAMMA4	X	.006	6.083
70	MP GAMMA4	X	.006	1.917
71	MP ALPHA3	Y	.007	5.833
72	MP ALPHA3	Y	.007	1.667
73	MP ALPHA3	X	.004	5.833
74	MP ALPHA3	X	.004	1.667
75	MP BETA3	Y	.005	5.833
76	MP BETA3	Y	.005	1.667
77	MP BETA3	X	.003	5.833
78	MP BETA3	X	.003	1.667
79	MP GAMMA3	Y	.007	5.833
80	MP GAMMA3	Y	.007	1.667
81	MP GAMMA3	X	.004	5.833
82	MP GAMMA3	X	.004	1.667
83	MP ALPHA3	Y	.005	3.75
84	MP ALPHA3	X	.003	3.75
85	MP BETA3	Y	.003	3.75
86	MP BETA3	X	.002	3.75
87	MP GAMMA3	Y	.005	3.75
88	MP GAMMA3	X	.003	3.75
89	MP ALPHA4	Y	.004	4
90	MP ALPHA4	X	.002	4
91	MP BETA4	Y	.003	4
92	MP BETA4	X	.002	4
93	MP GAMMA4	Y	.004	4
94	MP GAMMA4	X	.002	4
95	MP ALPHA3	Y	.003	3.75
96	MP ALPHA3	X	.002	3.75
97	MP BETA3	Y	.002	3.75
98	MP BETA3	X	.001	3.75
99	MP GAMMA3	Y	.003	3.75
100	MP GAMMA3	X	.002	3.75
101	MP GAMMA2	Y	.002	4
102	MP GAMMA2	X	.000971	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.002	9
2	MP ALPHA2	X	.004	9
3	MP BETA2	Y	.002	9
4	MP BETA2	X	.004	9
5	MP GAMMA2	Y	.003	9
6	MP GAMMA2	X	.005	9
7	MP ALPHA2	Y	.002	9
8	MP ALPHA2	X	.004	9
9	MP BETA2	Y	.002	9
10	MP BETA2	X	.004	9
11	MP GAMMA2	Y	.003	9
12	MP GAMMA2	X	.005	9
13	MP BETA5	Y	.001	2
14	MP BETA5	X	.003	2
15	MP ALPHA2	Y	.000467	7
16	MP ALPHA2	X	.000808	7
17	MP BETA2	Y	.000467	7
18	MP BETA2	X	.000808	7
19	MP GAMMA2	Y	.000483	7
20	MP GAMMA2	X	.000837	7
21	MP ALPHA1	Y	.00035	6
22	MP ALPHA1	X	.000606	6
23	MP BETA1	Y	.00035	6
24	MP BETA1	X	.000606	6
25	MP GAMMA1	Y	.000228	6
26	MP GAMMA1	X	.000394	6
27	MP ALPHA1	Y	.002	6
28	MP ALPHA1	X	.003	6
29	MP BETA1	Y	.002	6
30	MP BETA1	X	.003	6
31	MP GAMMA1	Y	.002	6
32	MP GAMMA1	X	.003	6
33	MP ALPHA5	Y	.001	2
34	MP ALPHA5	X	.003	2
35	MP ALPHA1	Y	.001	5.25
36	MP ALPHA1	Y	.001	2.75
37	MP ALPHA1	X	.002	5.25
38	MP ALPHA1	X	.002	2.75
39	MP BETA1	Y	.001	5.25
40	MP BETA1	Y	.001	2.75
41	MP BETA1	X	.002	5.25
42	MP BETA1	X	.002	2.75
43	MP GAMMA1	Y	.002	5.25
44	MP GAMMA1	Y	.002	2.75
45	MP GAMMA1	X	.004	5.25
46	MP GAMMA1	X	.004	2.75
47	MP ALPHA2	Y	.002	8.583
48	MP ALPHA2	Y	.002	4.417
49	MP ALPHA2	X	.004	8.583
50	MP ALPHA2	X	.004	4.417
51	MP BETA2	Y	.002	8.583
52	MP BETA2	Y	.002	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	.004	8.583
54	MP BETA2	X	.004	4.417
55	MP GAMMA2	Y	.002	8.583
56	MP GAMMA2	Y	.002	4.417
57	MP GAMMA2	X	.004	8.583
58	MP GAMMA2	X	.004	4.417
59	MP ALPHA4	Y	.004	6.083
60	MP ALPHA4	Y	.004	1.917
61	MP ALPHA4	X	.007	6.083
62	MP ALPHA4	X	.007	1.917
63	MP BETA4	Y	.004	6.083
64	MP BETA4	Y	.004	1.917
65	MP BETA4	X	.007	6.083
66	MP BETA4	X	.007	1.917
67	MP GAMMA4	Y	.007	6.083
68	MP GAMMA4	Y	.007	1.917
69	MP GAMMA4	X	.013	6.083
70	MP GAMMA4	X	.013	1.917
71	MP ALPHA3	Y	.003	5.833
72	MP ALPHA3	Y	.003	1.667
73	MP ALPHA3	X	.006	5.833
74	MP ALPHA3	X	.006	1.667
75	MP BETA3	Y	.003	5.833
76	MP BETA3	Y	.003	1.667
77	MP BETA3	X	.006	5.833
78	MP BETA3	X	.006	1.667
79	MP GAMMA3	Y	.004	5.833
80	MP GAMMA3	Y	.004	1.667
81	MP GAMMA3	X	.007	5.833
82	MP GAMMA3	X	.007	1.667
83	MP ALPHA3	Y	.002	3.75
84	MP ALPHA3	X	.004	3.75
85	MP BETA3	Y	.002	3.75
86	MP BETA3	X	.004	3.75
87	MP GAMMA3	Y	.003	3.75
88	MP GAMMA3	X	.006	3.75
89	MP ALPHA4	Y	.002	4
90	MP ALPHA4	X	.003	4
91	MP BETA4	Y	.002	4
92	MP BETA4	X	.003	4
93	MP GAMMA4	Y	.002	4
94	MP GAMMA4	X	.004	4
95	MP ALPHA3	Y	.001	3.75
96	MP ALPHA3	X	.002	3.75
97	MP BETA3	Y	.001	3.75
98	MP BETA3	X	.002	3.75
99	MP GAMMA3	Y	.002	3.75
100	MP GAMMA3	X	.004	3.75
101	MP GAMMA2	Y	.000945	4
102	MP GAMMA2	X	.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	X	.004	9
2	MP BETA2	X	.006	9
3	MP GAMMA2	X	.006	9
4	MP ALPHA2	X	.004	9
5	MP BETA2	X	.006	9
6	MP GAMMA2	X	.006	9
7	MP BETA5	X	.003	2
8	MP ALPHA2	X	.000922	7
9	MP BETA2	X	.000956	7
10	MP GAMMA2	X	.000956	7
11	MP ALPHA1	X	.000781	6
12	MP BETA1	X	.000537	6
13	MP GAMMA1	X	.000537	6
14	MP ALPHA1	X	.003	6
15	MP BETA1	X	.003	6
16	MP GAMMA1	X	.003	6
17	MP ALPHA5	X	.003	2
18	MP ALPHA1	X	.002	5.25
19	MP ALPHA1	X	.002	2.75
20	MP BETA1	X	.004	5.25
21	MP BETA1	X	.004	2.75
22	MP GAMMA1	X	.004	5.25
23	MP GAMMA1	X	.004	2.75
24	MP ALPHA2	X	.004	8.583
25	MP ALPHA2	X	.004	4.417
26	MP BETA2	X	.005	8.583
27	MP BETA2	X	.005	4.417
28	MP GAMMA2	X	.005	8.583
29	MP GAMMA2	X	.005	4.417
30	MP ALPHA4	X	.006	6.083
31	MP ALPHA4	X	.006	1.917
32	MP BETA4	X	.012	6.083
33	MP BETA4	X	.012	1.917
34	MP GAMMA4	X	.012	6.083
35	MP GAMMA4	X	.012	1.917
36	MP ALPHA3	X	.006	5.833
37	MP ALPHA3	X	.006	1.667
38	MP BETA3	X	.008	5.833
39	MP BETA3	X	.008	1.667
40	MP GAMMA3	X	.008	5.833
41	MP GAMMA3	X	.008	1.667
42	MP ALPHA3	X	.004	3.75
43	MP BETA3	X	.006	3.75
44	MP GAMMA3	X	.006	3.75
45	MP ALPHA4	X	.003	4
46	MP BETA4	X	.004	4
47	MP GAMMA4	X	.004	4
48	MP ALPHA3	X	.002	3.75
49	MP BETA3	X	.004	3.75
50	MP GAMMA3	X	.004	3.75
51	MP GAMMA2	X	.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.002	9
2	MP ALPHA2	X	.004	9
3	MP BETA2	Y	-.003	9
4	MP BETA2	X	.005	9
5	MP GAMMA2	Y	-.002	9
6	MP GAMMA2	X	.004	9
7	MP ALPHA2	Y	-.002	9
8	MP ALPHA2	X	.004	9
9	MP BETA2	Y	-.003	9
10	MP BETA2	X	.005	9
11	MP GAMMA2	Y	-.002	9
12	MP GAMMA2	X	.004	9
13	MP BETA5	Y	-.001	2
14	MP BETA5	X	.002	2
15	MP ALPHA2	Y	-.000467	7
16	MP ALPHA2	X	.000808	7
17	MP BETA2	Y	-.000483	7
18	MP BETA2	X	.000837	7
19	MP GAMMA2	Y	-.000467	7
20	MP GAMMA2	X	.000808	7
21	MP ALPHA1	Y	-.00035	6
22	MP ALPHA1	X	.000606	6
23	MP BETA1	Y	-.000228	6
24	MP BETA1	X	.000394	6
25	MP GAMMA1	Y	-.00035	6
26	MP GAMMA1	X	.000606	6
27	MP ALPHA1	Y	-.002	6
28	MP ALPHA1	X	.003	6
29	MP BETA1	Y	-.002	6
30	MP BETA1	X	.003	6
31	MP GAMMA1	Y	-.002	6
32	MP GAMMA1	X	.003	6
33	MP ALPHA5	Y	-.001	2
34	MP ALPHA5	X	.003	2
35	MP ALPHA1	Y	-.001	5.25
36	MP ALPHA1	Y	-.001	2.75
37	MP ALPHA1	X	.002	5.25
38	MP ALPHA1	X	.002	2.75
39	MP BETA1	Y	-.002	5.25
40	MP BETA1	Y	-.002	2.75
41	MP BETA1	X	.004	5.25
42	MP BETA1	X	.004	2.75
43	MP GAMMA1	Y	-.001	5.25
44	MP GAMMA1	Y	-.001	2.75
45	MP GAMMA1	X	.002	5.25
46	MP GAMMA1	X	.002	2.75
47	MP ALPHA2	Y	-.002	8.583
48	MP ALPHA2	Y	-.002	4.417
49	MP ALPHA2	X	.004	8.583
50	MP ALPHA2	X	.004	4.417
51	MP BETA2	Y	-.002	8.583
52	MP BETA2	Y	-.002	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	.004	8.583
54	MP BETA2	X	.004	4.417
55	MP GAMMA2	Y	-.002	8.583
56	MP GAMMA2	Y	-.002	4.417
57	MP GAMMA2	X	.004	8.583
58	MP GAMMA2	X	.004	4.417
59	MP ALPHA4	Y	-.004	6.083
60	MP ALPHA4	Y	-.004	1.917
61	MP ALPHA4	X	.007	6.083
62	MP ALPHA4	X	.007	1.917
63	MP BETA4	Y	-.007	6.083
64	MP BETA4	Y	-.007	1.917
65	MP BETA4	X	.013	6.083
66	MP BETA4	X	.013	1.917
67	MP GAMMA4	Y	-.004	6.083
68	MP GAMMA4	Y	-.004	1.917
69	MP GAMMA4	X	.007	6.083
70	MP GAMMA4	X	.007	1.917
71	MP ALPHA3	Y	-.003	5.833
72	MP ALPHA3	Y	-.003	1.667
73	MP ALPHA3	X	.006	5.833
74	MP ALPHA3	X	.006	1.667
75	MP BETA3	Y	-.004	5.833
76	MP BETA3	Y	-.004	1.667
77	MP BETA3	X	.007	5.833
78	MP BETA3	X	.007	1.667
79	MP GAMMA3	Y	-.003	5.833
80	MP GAMMA3	Y	-.003	1.667
81	MP GAMMA3	X	.006	5.833
82	MP GAMMA3	X	.006	1.667
83	MP ALPHA3	Y	-.002	3.75
84	MP ALPHA3	X	.004	3.75
85	MP BETA3	Y	-.003	3.75
86	MP BETA3	X	.006	3.75
87	MP GAMMA3	Y	-.002	3.75
88	MP GAMMA3	X	.004	3.75
89	MP ALPHA4	Y	-.002	4
90	MP ALPHA4	X	.003	4
91	MP BETA4	Y	-.002	4
92	MP BETA4	X	.004	4
93	MP GAMMA4	Y	-.002	4
94	MP GAMMA4	X	.003	4
95	MP ALPHA3	Y	-.001	3.75
96	MP ALPHA3	X	.002	3.75
97	MP BETA3	Y	-.002	3.75
98	MP BETA3	X	.004	3.75
99	MP GAMMA3	Y	-.001	3.75
100	MP GAMMA3	X	.002	3.75
101	MP GAMMA2	Y	-.001	4
102	MP GAMMA2	X	.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.005	9
2	MP ALPHA2	X	.003	9
3	MP BETA2	Y	-.005	9
4	MP BETA2	X	.003	9
5	MP GAMMA2	Y	-.003	9
6	MP GAMMA2	X	.002	9
7	MP ALPHA2	Y	-.005	9
8	MP ALPHA2	X	.003	9
9	MP BETA2	Y	-.005	9
10	MP BETA2	X	.003	9
11	MP GAMMA2	Y	-.003	9
12	MP GAMMA2	X	.002	9
13	MP BETA5	Y	-.002	2
14	MP BETA5	X	.001	2
15	MP ALPHA2	Y	-.000828	7
16	MP ALPHA2	X	.000478	7
17	MP BETA2	Y	-.000828	7
18	MP BETA2	X	.000478	7
19	MP GAMMA2	Y	-.000799	7
20	MP GAMMA2	X	.000461	7
21	MP ALPHA1	Y	-.000465	6
22	MP ALPHA1	X	.000268	6
23	MP BETA1	Y	-.000465	6
24	MP BETA1	X	.000268	6
25	MP GAMMA1	Y	-.000676	6
26	MP GAMMA1	X	.00039	6
27	MP ALPHA1	Y	-.003	6
28	MP ALPHA1	X	.002	6
29	MP BETA1	Y	-.003	6
30	MP BETA1	X	.002	6
31	MP GAMMA1	Y	-.002	6
32	MP GAMMA1	X	.001	6
33	MP ALPHA5	Y	-.002	2
34	MP ALPHA5	X	.001	2
35	MP ALPHA1	Y	-.003	5.25
36	MP ALPHA1	Y	-.003	2.75
37	MP ALPHA1	X	.002	5.25
38	MP ALPHA1	X	.002	2.75
39	MP BETA1	Y	-.003	5.25
40	MP BETA1	Y	-.003	2.75
41	MP BETA1	X	.002	5.25
42	MP BETA1	X	.002	2.75
43	MP GAMMA1	Y	-.002	5.25
44	MP GAMMA1	Y	-.002	2.75
45	MP GAMMA1	X	.000966	5.25
46	MP GAMMA1	X	.000966	2.75
47	MP ALPHA2	Y	-.004	8.583
48	MP ALPHA2	Y	-.004	4.417
49	MP ALPHA2	X	.002	8.583
50	MP ALPHA2	X	.002	4.417
51	MP BETA2	Y	-.004	8.583
52	MP BETA2	Y	-.004	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	.002	8.583
54	MP BETA2	X	.002	4.417
55	MP GAMMA2	Y	-.004	8.583
56	MP GAMMA2	Y	-.004	4.417
57	MP GAMMA2	X	.002	8.583
58	MP GAMMA2	X	.002	4.417
59	MP ALPHA4	Y	-.011	6.083
60	MP ALPHA4	Y	-.011	1.917
61	MP ALPHA4	X	.006	6.083
62	MP ALPHA4	X	.006	1.917
63	MP BETA4	Y	-.011	6.083
64	MP BETA4	Y	-.011	1.917
65	MP BETA4	X	.006	6.083
66	MP BETA4	X	.006	1.917
67	MP GAMMA4	Y	-.005	6.083
68	MP GAMMA4	Y	-.005	1.917
69	MP GAMMA4	X	.003	6.083
70	MP GAMMA4	X	.003	1.917
71	MP ALPHA3	Y	-.007	5.833
72	MP ALPHA3	Y	-.007	1.667
73	MP ALPHA3	X	.004	5.833
74	MP ALPHA3	X	.004	1.667
75	MP BETA3	Y	-.007	5.833
76	MP BETA3	Y	-.007	1.667
77	MP BETA3	X	.004	5.833
78	MP BETA3	X	.004	1.667
79	MP GAMMA3	Y	-.005	5.833
80	MP GAMMA3	Y	-.005	1.667
81	MP GAMMA3	X	.003	5.833
82	MP GAMMA3	X	.003	1.667
83	MP ALPHA3	Y	-.005	3.75
84	MP ALPHA3	X	.003	3.75
85	MP BETA3	Y	-.005	3.75
86	MP BETA3	X	.003	3.75
87	MP GAMMA3	Y	-.003	3.75
88	MP GAMMA3	X	.002	3.75
89	MP ALPHA4	Y	-.004	4
90	MP ALPHA4	X	.002	4
91	MP BETA4	Y	-.004	4
92	MP BETA4	X	.002	4
93	MP GAMMA4	Y	-.003	4
94	MP GAMMA4	X	.002	4
95	MP ALPHA3	Y	-.003	3.75
96	MP ALPHA3	X	.002	3.75
97	MP BETA3	Y	-.003	3.75
98	MP BETA3	X	.002	3.75
99	MP GAMMA3	Y	-.002	3.75
100	MP GAMMA3	X	.001	3.75
101	MP GAMMA2	Y	-.002	4
102	MP GAMMA2	X	.001	4

Member Point Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Z	-.055	9
2	MP BETA2	Z	-.055	9
3	MP GAMMA2	Z	-.055	9
4	MP ALPHA2	Z	-.055	9
5	MP BETA2	Z	-.055	9
6	MP GAMMA2	Z	-.055	9
7	MP BETA5	Z	-.072	2
8	MP ALPHA2	Z	-.015	7
9	MP BETA2	Z	-.015	7
10	MP GAMMA2	Z	-.015	7
11	MP ALPHA1	Z	-.018	6
12	MP BETA1	Z	-.018	6
13	MP GAMMA1	Z	-.018	6
14	MP ALPHA1	Z	-.042	6
15	MP BETA1	Z	-.042	6
16	MP GAMMA1	Z	-.042	6
17	MP ALPHA5	Z	-.072	2
18	MP ALPHA1	Z	-.042	5.25
19	MP ALPHA1	Z	-.042	2.75
20	MP BETA1	Z	-.042	5.25
21	MP BETA1	Z	-.042	2.75
22	MP GAMMA1	Z	-.042	5.25
23	MP GAMMA1	Z	-.042	2.75
24	MP ALPHA2	Z	-.072	8.583
25	MP ALPHA2	Z	-.072	4.417
26	MP BETA2	Z	-.072	8.583
27	MP BETA2	Z	-.072	4.417
28	MP GAMMA2	Z	-.072	8.583
29	MP GAMMA2	Z	-.072	4.417
30	MP ALPHA4	Z	-.093	6.083
31	MP ALPHA4	Z	-.093	1.917
32	MP BETA4	Z	-.093	6.083
33	MP BETA4	Z	-.093	1.917
34	MP GAMMA4	Z	-.093	6.083
35	MP GAMMA4	Z	-.093	1.917
36	MP ALPHA3	Z	-.067	5.833
37	MP ALPHA3	Z	-.067	1.667
38	MP BETA3	Z	-.067	5.833
39	MP BETA3	Z	-.067	1.667
40	MP GAMMA3	Z	-.067	5.833
41	MP GAMMA3	Z	-.067	1.667
42	MP ALPHA3	Z	-.058	3.75
43	MP BETA3	Z	-.058	3.75
44	MP GAMMA3	Z	-.058	3.75
45	MP ALPHA4	Z	-.048	4
46	MP BETA4	Z	-.048	4
47	MP GAMMA4	Z	-.048	4
48	MP ALPHA3	Z	-.042	3.75
49	MP BETA3	Z	-.042	3.75
50	MP GAMMA3	Z	-.042	3.75
51	MP GAMMA2	Z	-.055	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.013	9
2	MP BETA2	Y	-.01	9
3	MP GAMMA2	Y	-.01	9
4	MP ALPHA2	Y	-.013	9
5	MP BETA2	Y	-.01	9
6	MP GAMMA2	Y	-.01	9
7	MP BETA5	Y	-.014	2
8	MP ALPHA2	Y	-.003	7
9	MP BETA2	Y	-.003	7
10	MP GAMMA2	Y	-.003	7
11	MP ALPHA1	Y	-.002	6
12	MP BETA1	Y	-.003	6
13	MP GAMMA1	Y	-.003	6
14	MP ALPHA1	Y	-.009	6
15	MP BETA1	Y	-.008	6
16	MP GAMMA1	Y	-.008	6
17	MP ALPHA5	Y	-.014	2
18	MP ALPHA1	Y	-.013	5.25
19	MP ALPHA1	Y	-.013	2.75
20	MP BETA1	Y	-.009	5.25
21	MP BETA1	Y	-.009	2.75
22	MP GAMMA1	Y	-.009	5.25
23	MP GAMMA1	Y	-.009	2.75
24	MP ALPHA2	Y	-.015	8.583
25	MP ALPHA2	Y	-.015	4.417
26	MP BETA2	Y	-.014	8.583
27	MP BETA2	Y	-.014	4.417
28	MP GAMMA2	Y	-.014	8.583
29	MP GAMMA2	Y	-.014	4.417
30	MP ALPHA4	Y	-.042	6.083
31	MP ALPHA4	Y	-.042	1.917
32	MP BETA4	Y	-.025	6.083
33	MP BETA4	Y	-.025	1.917
34	MP GAMMA4	Y	-.025	6.083
35	MP GAMMA4	Y	-.025	1.917
36	MP ALPHA3	Y	-.026	5.833
37	MP ALPHA3	Y	-.026	1.667
38	MP BETA3	Y	-.021	5.833
39	MP BETA3	Y	-.021	1.667
40	MP GAMMA3	Y	-.021	5.833
41	MP GAMMA3	Y	-.021	1.667
42	MP ALPHA3	Y	-.013	3.75
43	MP BETA3	Y	-.01	3.75
44	MP GAMMA3	Y	-.01	3.75
45	MP ALPHA4	Y	-.009	4
46	MP BETA4	Y	-.008	4
47	MP GAMMA4	Y	-.008	4
48	MP ALPHA3	Y	-.009	3.75
49	MP BETA3	Y	-.007	3.75
50	MP GAMMA3	Y	-.007	3.75
51	MP GAMMA2	Y	-.01	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.01	9
2	MP ALPHA2	X	-.006	9
3	MP BETA2	Y	-.007	9
4	MP BETA2	X	-.004	9
5	MP GAMMA2	Y	-.01	9
6	MP GAMMA2	X	-.006	9
7	MP ALPHA2	Y	-.01	9
8	MP ALPHA2	X	-.006	9
9	MP BETA2	Y	-.007	9
10	MP BETA2	X	-.004	9
11	MP GAMMA2	Y	-.01	9
12	MP GAMMA2	X	-.006	9
13	MP BETA5	Y	-.012	2
14	MP BETA5	X	-.007	2
15	MP ALPHA2	Y	-.002	7
16	MP ALPHA2	X	-.001	7
17	MP BETA2	Y	-.002	7
18	MP BETA2	X	-.001	7
19	MP GAMMA2	Y	-.002	7
20	MP GAMMA2	X	-.001	7
21	MP ALPHA1	Y	-.002	6
22	MP ALPHA1	X	-.001	6
23	MP BETA1	Y	-.003	6
24	MP BETA1	X	-.002	6
25	MP GAMMA1	Y	-.002	6
26	MP GAMMA1	X	-.001	6
27	MP ALPHA1	Y	-.008	6
28	MP ALPHA1	X	-.004	6
29	MP BETA1	Y	-.007	6
30	MP BETA1	X	-.004	6
31	MP GAMMA1	Y	-.008	6
32	MP GAMMA1	X	-.004	6
33	MP ALPHA5	Y	-.012	2
34	MP ALPHA5	X	-.007	2
35	MP ALPHA1	Y	-.01	5.25
36	MP ALPHA1	Y	-.01	2.75
37	MP ALPHA1	X	-.006	5.25
38	MP ALPHA1	X	-.006	2.75
39	MP BETA1	Y	-.006	5.25
40	MP BETA1	Y	-.006	2.75
41	MP BETA1	X	-.004	5.25
42	MP BETA1	X	-.004	2.75
43	MP GAMMA1	Y	-.01	5.25
44	MP GAMMA1	Y	-.01	2.75
45	MP GAMMA1	X	-.006	5.25
46	MP GAMMA1	X	-.006	2.75
47	MP ALPHA2	Y	-.013	8.583
48	MP ALPHA2	Y	-.013	4.417
49	MP ALPHA2	X	-.007	8.583
50	MP ALPHA2	X	-.007	4.417
51	MP BETA2	Y	-.011	8.583
52	MP BETA2	Y	-.011	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	-.007	8.583
54	MP BETA2	X	-.007	4.417
55	MP GAMMA2	Y	-.013	8.583
56	MP GAMMA2	Y	-.013	4.417
57	MP GAMMA2	X	-.007	8.583
58	MP GAMMA2	X	-.007	4.417
59	MP ALPHA4	Y	-.032	6.083
60	MP ALPHA4	Y	-.032	1.917
61	MP ALPHA4	X	-.018	6.083
62	MP ALPHA4	X	-.018	1.917
63	MP BETA4	Y	-.016	6.083
64	MP BETA4	Y	-.016	1.917
65	MP BETA4	X	-.009	6.083
66	MP BETA4	X	-.009	1.917
67	MP GAMMA4	Y	-.032	6.083
68	MP GAMMA4	Y	-.032	1.917
69	MP GAMMA4	X	-.018	6.083
70	MP GAMMA4	X	-.018	1.917
71	MP ALPHA3	Y	-.021	5.833
72	MP ALPHA3	Y	-.021	1.667
73	MP ALPHA3	X	-.012	5.833
74	MP ALPHA3	X	-.012	1.667
75	MP BETA3	Y	-.017	5.833
76	MP BETA3	Y	-.017	1.667
77	MP BETA3	X	-.01	5.833
78	MP BETA3	X	-.01	1.667
79	MP GAMMA3	Y	-.021	5.833
80	MP GAMMA3	Y	-.021	1.667
81	MP GAMMA3	X	-.012	5.833
82	MP GAMMA3	X	-.012	1.667
83	MP ALPHA3	Y	-.011	3.75
84	MP ALPHA3	X	-.006	3.75
85	MP BETA3	Y	-.008	3.75
86	MP BETA3	X	-.004	3.75
87	MP GAMMA3	Y	-.011	3.75
88	MP GAMMA3	X	-.006	3.75
89	MP ALPHA4	Y	-.008	4
90	MP ALPHA4	X	-.004	4
91	MP BETA4	Y	-.006	4
92	MP BETA4	X	-.004	4
93	MP GAMMA4	Y	-.008	4
94	MP GAMMA4	X	-.004	4
95	MP ALPHA3	Y	-.007	3.75
96	MP ALPHA3	X	-.004	3.75
97	MP BETA3	Y	-.005	3.75
98	MP BETA3	X	-.003	3.75
99	MP GAMMA3	Y	-.007	3.75
100	MP GAMMA3	X	-.004	3.75
101	MP GAMMA2	Y	-.009	4
102	MP GAMMA2	X	-.005	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.005	9
2	MP ALPHA2	X	-.008	9
3	MP BETA2	Y	-.005	9
4	MP BETA2	X	-.008	9
5	MP GAMMA2	Y	-.006	9
6	MP GAMMA2	X	-.011	9
7	MP ALPHA2	Y	-.005	9
8	MP ALPHA2	X	-.008	9
9	MP BETA2	Y	-.005	9
10	MP BETA2	X	-.008	9
11	MP GAMMA2	Y	-.006	9
12	MP GAMMA2	X	-.011	9
13	MP BETA5	Y	-.007	2
14	MP BETA5	X	-.012	2
15	MP ALPHA2	Y	-.001	7
16	MP ALPHA2	X	-.002	7
17	MP BETA2	Y	-.001	7
18	MP BETA2	X	-.002	7
19	MP GAMMA2	Y	-.001	7
20	MP GAMMA2	X	-.002	7
21	MP ALPHA1	Y	-.001	6
22	MP ALPHA1	X	-.003	6
23	MP BETA1	Y	-.001	6
24	MP BETA1	X	-.003	6
25	MP GAMMA1	Y	-.001	6
26	MP GAMMA1	X	-.002	6
27	MP ALPHA1	Y	-.004	6
28	MP ALPHA1	X	-.007	6
29	MP BETA1	Y	-.004	6
30	MP BETA1	X	-.007	6
31	MP GAMMA1	Y	-.005	6
32	MP GAMMA1	X	-.008	6
33	MP ALPHA5	Y	-.007	2
34	MP ALPHA5	X	-.012	2
35	MP ALPHA1	Y	-.004	5.25
36	MP ALPHA1	Y	-.004	2.75
37	MP ALPHA1	X	-.008	5.25
38	MP ALPHA1	X	-.008	2.75
39	MP BETA1	Y	-.004	5.25
40	MP BETA1	Y	-.004	2.75
41	MP BETA1	X	-.008	5.25
42	MP BETA1	X	-.008	2.75
43	MP GAMMA1	Y	-.007	5.25
44	MP GAMMA1	Y	-.007	2.75
45	MP GAMMA1	X	-.012	5.25
46	MP GAMMA1	X	-.012	2.75
47	MP ALPHA2	Y	-.007	8.583
48	MP ALPHA2	Y	-.007	4.417
49	MP ALPHA2	X	-.012	8.583
50	MP ALPHA2	X	-.012	4.417
51	MP BETA2	Y	-.007	8.583
52	MP BETA2	Y	-.007	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	-.012	8.583
54	MP BETA2	X	-.012	4.417
55	MP GAMMA2	Y	-.008	8.583
56	MP GAMMA2	Y	-.008	4.417
57	MP GAMMA2	X	-.013	8.583
58	MP GAMMA2	X	-.013	4.417
59	MP ALPHA4	Y	-.012	6.083
60	MP ALPHA4	Y	-.012	1.917
61	MP ALPHA4	X	-.021	6.083
62	MP ALPHA4	X	-.021	1.917
63	MP BETA4	Y	-.012	6.083
64	MP BETA4	Y	-.012	1.917
65	MP BETA4	X	-.021	6.083
66	MP BETA4	X	-.021	1.917
67	MP GAMMA4	Y	-.021	6.083
68	MP GAMMA4	Y	-.021	1.917
69	MP GAMMA4	X	-.037	6.083
70	MP GAMMA4	X	-.037	1.917
71	MP ALPHA3	Y	-.01	5.833
72	MP ALPHA3	Y	-.01	1.667
73	MP ALPHA3	X	-.018	5.833
74	MP ALPHA3	X	-.018	1.667
75	MP BETA3	Y	-.01	5.833
76	MP BETA3	Y	-.01	1.667
77	MP BETA3	X	-.018	5.833
78	MP BETA3	X	-.018	1.667
79	MP GAMMA3	Y	-.013	5.833
80	MP GAMMA3	Y	-.013	1.667
81	MP GAMMA3	X	-.022	5.833
82	MP GAMMA3	X	-.022	1.667
83	MP ALPHA3	Y	-.005	3.75
84	MP ALPHA3	X	-.009	3.75
85	MP BETA3	Y	-.005	3.75
86	MP BETA3	X	-.009	3.75
87	MP GAMMA3	Y	-.007	3.75
88	MP GAMMA3	X	-.012	3.75
89	MP ALPHA4	Y	-.004	4
90	MP ALPHA4	X	-.007	4
91	MP BETA4	Y	-.004	4
92	MP BETA4	X	-.007	4
93	MP GAMMA4	Y	-.005	4
94	MP GAMMA4	X	-.008	4
95	MP ALPHA3	Y	-.003	3.75
96	MP ALPHA3	X	-.006	3.75
97	MP BETA3	Y	-.003	3.75
98	MP BETA3	X	-.006	3.75
99	MP GAMMA3	Y	-.004	3.75
100	MP GAMMA3	X	-.008	3.75
101	MP GAMMA2	Y	-.005	4
102	MP GAMMA2	X	-.009	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	X	-.009	9
2	MP BETA2	X	-.012	9
3	MP GAMMA2	X	-.012	9
4	MP ALPHA2	X	-.009	9
5	MP BETA2	X	-.012	9
6	MP GAMMA2	X	-.012	9
7	MP BETA5	X	-.014	2
8	MP ALPHA2	X	-.003	7
9	MP BETA2	X	-.003	7
10	MP GAMMA2	X	-.003	7
11	MP ALPHA1	X	-.003	6
12	MP BETA1	X	-.002	6
13	MP GAMMA1	X	-.002	6
14	MP ALPHA1	X	-.008	6
15	MP BETA1	X	-.009	6
16	MP GAMMA1	X	-.009	6
17	MP ALPHA5	X	-.014	2
18	MP ALPHA1	X	-.007	5.25
19	MP ALPHA1	X	-.007	2.75
20	MP BETA1	X	-.012	5.25
21	MP BETA1	X	-.012	2.75
22	MP GAMMA1	X	-.012	5.25
23	MP GAMMA1	X	-.012	2.75
24	MP ALPHA2	X	-.013	8.583
25	MP ALPHA2	X	-.013	4.417
26	MP BETA2	X	-.015	8.583
27	MP BETA2	X	-.015	4.417
28	MP GAMMA2	X	-.015	8.583
29	MP GAMMA2	X	-.015	4.417
30	MP ALPHA4	X	-.019	6.083
31	MP ALPHA4	X	-.019	1.917
32	MP BETA4	X	-.036	6.083
33	MP BETA4	X	-.036	1.917
34	MP GAMMA4	X	-.036	6.083
35	MP GAMMA4	X	-.036	1.917
36	MP ALPHA3	X	-.019	5.833
37	MP ALPHA3	X	-.019	1.667
38	MP BETA3	X	-.024	5.833
39	MP BETA3	X	-.024	1.667
40	MP GAMMA3	X	-.024	5.833
41	MP GAMMA3	X	-.024	1.667
42	MP ALPHA3	X	-.009	3.75
43	MP BETA3	X	-.012	3.75
44	MP GAMMA3	X	-.012	3.75
45	MP ALPHA4	X	-.007	4
46	MP BETA4	X	-.009	4
47	MP GAMMA4	X	-.009	4
48	MP ALPHA3	X	-.006	3.75
49	MP BETA3	X	-.008	3.75
50	MP GAMMA3	X	-.008	3.75
51	MP GAMMA2	X	-.01	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.005	9
2	MP ALPHA2	X	-.008	9
3	MP BETA2	Y	.006	9
4	MP BETA2	X	-.011	9
5	MP GAMMA2	Y	.005	9
6	MP GAMMA2	X	-.008	9
7	MP ALPHA2	Y	.005	9
8	MP ALPHA2	X	-.008	9
9	MP BETA2	Y	.006	9
10	MP BETA2	X	-.011	9
11	MP GAMMA2	Y	.005	9
12	MP GAMMA2	X	-.008	9
13	MP BETA5	Y	.007	2
14	MP BETA5	X	-.012	2
15	MP ALPHA2	Y	.001	7
16	MP ALPHA2	X	-.002	7
17	MP BETA2	Y	.001	7
18	MP BETA2	X	-.002	7
19	MP GAMMA2	Y	.001	7
20	MP GAMMA2	X	-.002	7
21	MP ALPHA1	Y	.001	6
22	MP ALPHA1	X	-.003	6
23	MP BETA1	Y	.001	6
24	MP BETA1	X	-.002	6
25	MP GAMMA1	Y	.001	6
26	MP GAMMA1	X	-.003	6
27	MP ALPHA1	Y	.004	6
28	MP ALPHA1	X	-.007	6
29	MP BETA1	Y	.005	6
30	MP BETA1	X	-.008	6
31	MP GAMMA1	Y	.004	6
32	MP GAMMA1	X	-.007	6
33	MP ALPHA5	Y	.007	2
34	MP ALPHA5	X	-.012	2
35	MP ALPHA1	Y	.004	5.25
36	MP ALPHA1	Y	.004	2.75
37	MP ALPHA1	X	-.008	5.25
38	MP ALPHA1	X	-.008	2.75
39	MP BETA1	Y	.007	5.25
40	MP BETA1	Y	.007	2.75
41	MP BETA1	X	-.012	5.25
42	MP BETA1	X	-.012	2.75
43	MP GAMMA1	Y	.004	5.25
44	MP GAMMA1	Y	.004	2.75
45	MP GAMMA1	X	-.008	5.25
46	MP GAMMA1	X	-.008	2.75
47	MP ALPHA2	Y	.007	8.583
48	MP ALPHA2	Y	.007	4.417
49	MP ALPHA2	X	-.012	8.583
50	MP ALPHA2	X	-.012	4.417
51	MP BETA2	Y	.008	8.583
52	MP BETA2	Y	.008	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	-.013	8.583
54	MP BETA2	X	-.013	4.417
55	MP GAMMA2	Y	.007	8.583
56	MP GAMMA2	Y	.007	4.417
57	MP GAMMA2	X	-.012	8.583
58	MP GAMMA2	X	-.012	4.417
59	MP ALPHA4	Y	.012	6.083
60	MP ALPHA4	Y	.012	1.917
61	MP ALPHA4	X	-.021	6.083
62	MP ALPHA4	X	-.021	1.917
63	MP BETA4	Y	.021	6.083
64	MP BETA4	Y	.021	1.917
65	MP BETA4	X	-.037	6.083
66	MP BETA4	X	-.037	1.917
67	MP GAMMA4	Y	.012	6.083
68	MP GAMMA4	Y	.012	1.917
69	MP GAMMA4	X	-.021	6.083
70	MP GAMMA4	X	-.021	1.917
71	MP ALPHA3	Y	.01	5.833
72	MP ALPHA3	Y	.01	1.667
73	MP ALPHA3	X	-.018	5.833
74	MP ALPHA3	X	-.018	1.667
75	MP BETA3	Y	.013	5.833
76	MP BETA3	Y	.013	1.667
77	MP BETA3	X	-.022	5.833
78	MP BETA3	X	-.022	1.667
79	MP GAMMA3	Y	.01	5.833
80	MP GAMMA3	Y	.01	1.667
81	MP GAMMA3	X	-.018	5.833
82	MP GAMMA3	X	-.018	1.667
83	MP ALPHA3	Y	.005	3.75
84	MP ALPHA3	X	-.009	3.75
85	MP BETA3	Y	.007	3.75
86	MP BETA3	X	-.012	3.75
87	MP GAMMA3	Y	.005	3.75
88	MP GAMMA3	X	-.009	3.75
89	MP ALPHA4	Y	.004	4
90	MP ALPHA4	X	-.007	4
91	MP BETA4	Y	.005	4
92	MP BETA4	X	-.008	4
93	MP GAMMA4	Y	.004	4
94	MP GAMMA4	X	-.007	4
95	MP ALPHA3	Y	.003	3.75
96	MP ALPHA3	X	-.006	3.75
97	MP BETA3	Y	.004	3.75
98	MP BETA3	X	-.008	3.75
99	MP GAMMA3	Y	.003	3.75
100	MP GAMMA3	X	-.006	3.75
101	MP GAMMA2	Y	.005	4
102	MP GAMMA2	X	-.009	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.01	9
2	MP ALPHA2	X	-.006	9
3	MP BETA2	Y	.01	9
4	MP BETA2	X	-.006	9
5	MP GAMMA2	Y	.007	9
6	MP GAMMA2	X	-.004	9
7	MP ALPHA2	Y	.01	9
8	MP ALPHA2	X	-.006	9
9	MP BETA2	Y	.01	9
10	MP BETA2	X	-.006	9
11	MP GAMMA2	Y	.007	9
12	MP GAMMA2	X	-.004	9
13	MP BETA5	Y	.012	2
14	MP BETA5	X	-.007	2
15	MP ALPHA2	Y	.002	7
16	MP ALPHA2	X	-.001	7
17	MP BETA2	Y	.002	7
18	MP BETA2	X	-.001	7
19	MP GAMMA2	Y	.002	7
20	MP GAMMA2	X	-.001	7
21	MP ALPHA1	Y	.002	6
22	MP ALPHA1	X	-.001	6
23	MP BETA1	Y	.002	6
24	MP BETA1	X	-.001	6
25	MP GAMMA1	Y	.003	6
26	MP GAMMA1	X	-.002	6
27	MP ALPHA1	Y	.008	6
28	MP ALPHA1	X	-.004	6
29	MP BETA1	Y	.008	6
30	MP BETA1	X	-.004	6
31	MP GAMMA1	Y	.007	6
32	MP GAMMA1	X	-.004	6
33	MP ALPHA5	Y	.012	2
34	MP ALPHA5	X	-.007	2
35	MP ALPHA1	Y	.01	5.25
36	MP ALPHA1	Y	.01	2.75
37	MP ALPHA1	X	-.006	5.25
38	MP ALPHA1	X	-.006	2.75
39	MP BETA1	Y	.01	5.25
40	MP BETA1	Y	.01	2.75
41	MP BETA1	X	-.006	5.25
42	MP BETA1	X	-.006	2.75
43	MP GAMMA1	Y	.006	5.25
44	MP GAMMA1	Y	.006	2.75
45	MP GAMMA1	X	-.004	5.25
46	MP GAMMA1	X	-.004	2.75
47	MP ALPHA2	Y	.013	8.583
48	MP ALPHA2	Y	.013	4.417
49	MP ALPHA2	X	-.007	8.583
50	MP ALPHA2	X	-.007	4.417
51	MP BETA2	Y	.013	8.583
52	MP BETA2	Y	.013	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	-.007	8.583
54	MP BETA2	X	-.007	4.417
55	MP GAMMA2	Y	.011	8.583
56	MP GAMMA2	Y	.011	4.417
57	MP GAMMA2	X	-.007	8.583
58	MP GAMMA2	X	-.007	4.417
59	MP ALPHA4	Y	.032	6.083
60	MP ALPHA4	Y	.032	1.917
61	MP ALPHA4	X	-.018	6.083
62	MP ALPHA4	X	-.018	1.917
63	MP BETA4	Y	.032	6.083
64	MP BETA4	Y	.032	1.917
65	MP BETA4	X	-.018	6.083
66	MP BETA4	X	-.018	1.917
67	MP GAMMA4	Y	.016	6.083
68	MP GAMMA4	Y	.016	1.917
69	MP GAMMA4	X	-.009	6.083
70	MP GAMMA4	X	-.009	1.917
71	MP ALPHA3	Y	.021	5.833
72	MP ALPHA3	Y	.021	1.667
73	MP ALPHA3	X	-.012	5.833
74	MP ALPHA3	X	-.012	1.667
75	MP BETA3	Y	.021	5.833
76	MP BETA3	Y	.021	1.667
77	MP BETA3	X	-.012	5.833
78	MP BETA3	X	-.012	1.667
79	MP GAMMA3	Y	.017	5.833
80	MP GAMMA3	Y	.017	1.667
81	MP GAMMA3	X	-.01	5.833
82	MP GAMMA3	X	-.01	1.667
83	MP ALPHA3	Y	.011	3.75
84	MP ALPHA3	X	-.006	3.75
85	MP BETA3	Y	.011	3.75
86	MP BETA3	X	-.006	3.75
87	MP GAMMA3	Y	.008	3.75
88	MP GAMMA3	X	-.004	3.75
89	MP ALPHA4	Y	.008	4
90	MP ALPHA4	X	-.004	4
91	MP BETA4	Y	.008	4
92	MP BETA4	X	-.004	4
93	MP GAMMA4	Y	.006	4
94	MP GAMMA4	X	-.004	4
95	MP ALPHA3	Y	.007	3.75
96	MP ALPHA3	X	-.004	3.75
97	MP BETA3	Y	.007	3.75
98	MP BETA3	X	-.004	3.75
99	MP GAMMA3	Y	.005	3.75
100	MP GAMMA3	X	-.003	3.75
101	MP GAMMA2	Y	.009	4
102	MP GAMMA2	X	-.005	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.013	9
2	MP BETA2	Y	.01	9
3	MP GAMMA2	Y	.01	9
4	MP ALPHA2	Y	.013	9
5	MP BETA2	Y	.01	9
6	MP GAMMA2	Y	.01	9
7	MP BETA5	Y	.014	2
8	MP ALPHA2	Y	.003	7
9	MP BETA2	Y	.003	7
10	MP GAMMA2	Y	.003	7
11	MP ALPHA1	Y	.002	6
12	MP BETA1	Y	.003	6
13	MP GAMMA1	Y	.003	6
14	MP ALPHA1	Y	.009	6
15	MP BETA1	Y	.008	6
16	MP GAMMA1	Y	.008	6
17	MP ALPHA5	Y	.014	2
18	MP ALPHA1	Y	.013	5.25
19	MP ALPHA1	Y	.013	2.75
20	MP BETA1	Y	.009	5.25
21	MP BETA1	Y	.009	2.75
22	MP GAMMA1	Y	.009	5.25
23	MP GAMMA1	Y	.009	2.75
24	MP ALPHA2	Y	.015	8.583
25	MP ALPHA2	Y	.015	4.417
26	MP BETA2	Y	.014	8.583
27	MP BETA2	Y	.014	4.417
28	MP GAMMA2	Y	.014	8.583
29	MP GAMMA2	Y	.014	4.417
30	MP ALPHA4	Y	.042	6.083
31	MP ALPHA4	Y	.042	1.917
32	MP BETA4	Y	.025	6.083
33	MP BETA4	Y	.025	1.917
34	MP GAMMA4	Y	.025	6.083
35	MP GAMMA4	Y	.025	1.917
36	MP ALPHA3	Y	.026	5.833
37	MP ALPHA3	Y	.026	1.667
38	MP BETA3	Y	.021	5.833
39	MP BETA3	Y	.021	1.667
40	MP GAMMA3	Y	.021	5.833
41	MP GAMMA3	Y	.021	1.667
42	MP ALPHA3	Y	.013	3.75
43	MP BETA3	Y	.01	3.75
44	MP GAMMA3	Y	.01	3.75
45	MP ALPHA4	Y	.009	4
46	MP BETA4	Y	.008	4
47	MP GAMMA4	Y	.008	4
48	MP ALPHA3	Y	.009	3.75
49	MP BETA3	Y	.007	3.75
50	MP GAMMA3	Y	.007	3.75
51	MP GAMMA2	Y	.01	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.01	9
2	MP ALPHA2	X	.006	9
3	MP BETA2	Y	.007	9
4	MP BETA2	X	.004	9
5	MP GAMMA2	Y	.01	9
6	MP GAMMA2	X	.006	9
7	MP ALPHA2	Y	.01	9
8	MP ALPHA2	X	.006	9
9	MP BETA2	Y	.007	9
10	MP BETA2	X	.004	9
11	MP GAMMA2	Y	.01	9
12	MP GAMMA2	X	.006	9
13	MP BETA5	Y	.012	2
14	MP BETA5	X	.007	2
15	MP ALPHA2	Y	.002	7
16	MP ALPHA2	X	.001	7
17	MP BETA2	Y	.002	7
18	MP BETA2	X	.001	7
19	MP GAMMA2	Y	.002	7
20	MP GAMMA2	X	.001	7
21	MP ALPHA1	Y	.002	6
22	MP ALPHA1	X	.001	6
23	MP BETA1	Y	.003	6
24	MP BETA1	X	.002	6
25	MP GAMMA1	Y	.002	6
26	MP GAMMA1	X	.001	6
27	MP ALPHA1	Y	.008	6
28	MP ALPHA1	X	.004	6
29	MP BETA1	Y	.007	6
30	MP BETA1	X	.004	6
31	MP GAMMA1	Y	.008	6
32	MP GAMMA1	X	.004	6
33	MP ALPHA5	Y	.012	2
34	MP ALPHA5	X	.007	2
35	MP ALPHA1	Y	.01	5.25
36	MP ALPHA1	Y	.01	2.75
37	MP ALPHA1	X	.006	5.25
38	MP ALPHA1	X	.006	2.75
39	MP BETA1	Y	.006	5.25
40	MP BETA1	Y	.006	2.75
41	MP BETA1	X	.004	5.25
42	MP BETA1	X	.004	2.75
43	MP GAMMA1	Y	.01	5.25
44	MP GAMMA1	Y	.01	2.75
45	MP GAMMA1	X	.006	5.25
46	MP GAMMA1	X	.006	2.75
47	MP ALPHA2	Y	.013	8.583
48	MP ALPHA2	Y	.013	4.417
49	MP ALPHA2	X	.007	8.583
50	MP ALPHA2	X	.007	4.417
51	MP BETA2	Y	.011	8.583
52	MP BETA2	Y	.011	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	.007	8.583
54	MP BETA2	X	.007	4.417
55	MP GAMMA2	Y	.013	8.583
56	MP GAMMA2	Y	.013	4.417
57	MP GAMMA2	X	.007	8.583
58	MP GAMMA2	X	.007	4.417
59	MP ALPHA4	Y	.032	6.083
60	MP ALPHA4	Y	.032	1.917
61	MP ALPHA4	X	.018	6.083
62	MP ALPHA4	X	.018	1.917
63	MP BETA4	Y	.016	6.083
64	MP BETA4	Y	.016	1.917
65	MP BETA4	X	.009	6.083
66	MP BETA4	X	.009	1.917
67	MP GAMMA4	Y	.032	6.083
68	MP GAMMA4	Y	.032	1.917
69	MP GAMMA4	X	.018	6.083
70	MP GAMMA4	X	.018	1.917
71	MP ALPHA3	Y	.021	5.833
72	MP ALPHA3	Y	.021	1.667
73	MP ALPHA3	X	.012	5.833
74	MP ALPHA3	X	.012	1.667
75	MP BETA3	Y	.017	5.833
76	MP BETA3	Y	.017	1.667
77	MP BETA3	X	.01	5.833
78	MP BETA3	X	.01	1.667
79	MP GAMMA3	Y	.021	5.833
80	MP GAMMA3	Y	.021	1.667
81	MP GAMMA3	X	.012	5.833
82	MP GAMMA3	X	.012	1.667
83	MP ALPHA3	Y	.011	3.75
84	MP ALPHA3	X	.006	3.75
85	MP BETA3	Y	.008	3.75
86	MP BETA3	X	.004	3.75
87	MP GAMMA3	Y	.011	3.75
88	MP GAMMA3	X	.006	3.75
89	MP ALPHA4	Y	.008	4
90	MP ALPHA4	X	.004	4
91	MP BETA4	Y	.006	4
92	MP BETA4	X	.004	4
93	MP GAMMA4	Y	.008	4
94	MP GAMMA4	X	.004	4
95	MP ALPHA3	Y	.007	3.75
96	MP ALPHA3	X	.004	3.75
97	MP BETA3	Y	.005	3.75
98	MP BETA3	X	.003	3.75
99	MP GAMMA3	Y	.007	3.75
100	MP GAMMA3	X	.004	3.75
101	MP GAMMA2	Y	.009	4
102	MP GAMMA2	X	.005	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	.005	9
2	MP ALPHA2	X	.008	9
3	MP BETA2	Y	.005	9
4	MP BETA2	X	.008	9
5	MP GAMMA2	Y	.006	9
6	MP GAMMA2	X	.011	9
7	MP ALPHA2	Y	.005	9
8	MP ALPHA2	X	.008	9
9	MP BETA2	Y	.005	9
10	MP BETA2	X	.008	9
11	MP GAMMA2	Y	.006	9
12	MP GAMMA2	X	.011	9
13	MP BETA5	Y	.007	2
14	MP BETA5	X	.012	2
15	MP ALPHA2	Y	.001	7
16	MP ALPHA2	X	.002	7
17	MP BETA2	Y	.001	7
18	MP BETA2	X	.002	7
19	MP GAMMA2	Y	.001	7
20	MP GAMMA2	X	.002	7
21	MP ALPHA1	Y	.001	6
22	MP ALPHA1	X	.003	6
23	MP BETA1	Y	.001	6
24	MP BETA1	X	.003	6
25	MP GAMMA1	Y	.001	6
26	MP GAMMA1	X	.002	6
27	MP ALPHA1	Y	.004	6
28	MP ALPHA1	X	.007	6
29	MP BETA1	Y	.004	6
30	MP BETA1	X	.007	6
31	MP GAMMA1	Y	.005	6
32	MP GAMMA1	X	.008	6
33	MP ALPHA5	Y	.007	2
34	MP ALPHA5	X	.012	2
35	MP ALPHA1	Y	.004	5.25
36	MP ALPHA1	Y	.004	2.75
37	MP ALPHA1	X	.008	5.25
38	MP ALPHA1	X	.008	2.75
39	MP BETA1	Y	.004	5.25
40	MP BETA1	Y	.004	2.75
41	MP BETA1	X	.008	5.25
42	MP BETA1	X	.008	2.75
43	MP GAMMA1	Y	.007	5.25
44	MP GAMMA1	Y	.007	2.75
45	MP GAMMA1	X	.012	5.25
46	MP GAMMA1	X	.012	2.75
47	MP ALPHA2	Y	.007	8.583
48	MP ALPHA2	Y	.007	4.417
49	MP ALPHA2	X	.012	8.583
50	MP ALPHA2	X	.012	4.417
51	MP BETA2	Y	.007	8.583
52	MP BETA2	Y	.007	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	.012	8.583
54	MP BETA2	X	.012	4.417
55	MP GAMMA2	Y	.008	8.583
56	MP GAMMA2	Y	.008	4.417
57	MP GAMMA2	X	.013	8.583
58	MP GAMMA2	X	.013	4.417
59	MP ALPHA4	Y	.012	6.083
60	MP ALPHA4	Y	.012	1.917
61	MP ALPHA4	X	.021	6.083
62	MP ALPHA4	X	.021	1.917
63	MP BETA4	Y	.012	6.083
64	MP BETA4	Y	.012	1.917
65	MP BETA4	X	.021	6.083
66	MP BETA4	X	.021	1.917
67	MP GAMMA4	Y	.021	6.083
68	MP GAMMA4	Y	.021	1.917
69	MP GAMMA4	X	.037	6.083
70	MP GAMMA4	X	.037	1.917
71	MP ALPHA3	Y	.01	5.833
72	MP ALPHA3	Y	.01	1.667
73	MP ALPHA3	X	.018	5.833
74	MP ALPHA3	X	.018	1.667
75	MP BETA3	Y	.01	5.833
76	MP BETA3	Y	.01	1.667
77	MP BETA3	X	.018	5.833
78	MP BETA3	X	.018	1.667
79	MP GAMMA3	Y	.013	5.833
80	MP GAMMA3	Y	.013	1.667
81	MP GAMMA3	X	.022	5.833
82	MP GAMMA3	X	.022	1.667
83	MP ALPHA3	Y	.005	3.75
84	MP ALPHA3	X	.009	3.75
85	MP BETA3	Y	.005	3.75
86	MP BETA3	X	.009	3.75
87	MP GAMMA3	Y	.007	3.75
88	MP GAMMA3	X	.012	3.75
89	MP ALPHA4	Y	.004	4
90	MP ALPHA4	X	.007	4
91	MP BETA4	Y	.004	4
92	MP BETA4	X	.007	4
93	MP GAMMA4	Y	.005	4
94	MP GAMMA4	X	.008	4
95	MP ALPHA3	Y	.003	3.75
96	MP ALPHA3	X	.006	3.75
97	MP BETA3	Y	.003	3.75
98	MP BETA3	X	.006	3.75
99	MP GAMMA3	Y	.004	3.75
100	MP GAMMA3	X	.008	3.75
101	MP GAMMA2	Y	.005	4
102	MP GAMMA2	X	.009	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	X	.009	9
2	MP BETA2	X	.012	9
3	MP GAMMA2	X	.012	9
4	MP ALPHA2	X	.009	9
5	MP BETA2	X	.012	9
6	MP GAMMA2	X	.012	9
7	MP BETA5	X	.014	2
8	MP ALPHA2	X	.003	7
9	MP BETA2	X	.003	7
10	MP GAMMA2	X	.003	7
11	MP ALPHA1	X	.003	6
12	MP BETA1	X	.002	6
13	MP GAMMA1	X	.002	6
14	MP ALPHA1	X	.008	6
15	MP BETA1	X	.009	6
16	MP GAMMA1	X	.009	6
17	MP ALPHA5	X	.014	2
18	MP ALPHA1	X	.007	5.25
19	MP ALPHA1	X	.007	2.75
20	MP BETA1	X	.012	5.25
21	MP BETA1	X	.012	2.75
22	MP GAMMA1	X	.012	5.25
23	MP GAMMA1	X	.012	2.75
24	MP ALPHA2	X	.013	8.583
25	MP ALPHA2	X	.013	4.417
26	MP BETA2	X	.015	8.583
27	MP BETA2	X	.015	4.417
28	MP GAMMA2	X	.015	8.583
29	MP GAMMA2	X	.015	4.417
30	MP ALPHA4	X	.019	6.083
31	MP ALPHA4	X	.019	1.917
32	MP BETA4	X	.036	6.083
33	MP BETA4	X	.036	1.917
34	MP GAMMA4	X	.036	6.083
35	MP GAMMA4	X	.036	1.917
36	MP ALPHA3	X	.019	5.833
37	MP ALPHA3	X	.019	1.667
38	MP BETA3	X	.024	5.833
39	MP BETA3	X	.024	1.667
40	MP GAMMA3	X	.024	5.833
41	MP GAMMA3	X	.024	1.667
42	MP ALPHA3	X	.009	3.75
43	MP BETA3	X	.012	3.75
44	MP GAMMA3	X	.012	3.75
45	MP ALPHA4	X	.007	4
46	MP BETA4	X	.009	4
47	MP GAMMA4	X	.009	4
48	MP ALPHA3	X	.006	3.75
49	MP BETA3	X	.008	3.75
50	MP GAMMA3	X	.008	3.75
51	MP GAMMA2	X	.01	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.005	9
2	MP ALPHA2	X	.008	9
3	MP BETA2	Y	-.006	9
4	MP BETA2	X	.011	9
5	MP GAMMA2	Y	-.005	9
6	MP GAMMA2	X	.008	9
7	MP ALPHA2	Y	-.005	9
8	MP ALPHA2	X	.008	9
9	MP BETA2	Y	-.006	9
10	MP BETA2	X	.011	9
11	MP GAMMA2	Y	-.005	9
12	MP GAMMA2	X	.008	9
13	MP BETA5	Y	-.007	2
14	MP BETA5	X	.012	2
15	MP ALPHA2	Y	-.001	7
16	MP ALPHA2	X	.002	7
17	MP BETA2	Y	-.001	7
18	MP BETA2	X	.002	7
19	MP GAMMA2	Y	-.001	7
20	MP GAMMA2	X	.002	7
21	MP ALPHA1	Y	-.001	6
22	MP ALPHA1	X	.003	6
23	MP BETA1	Y	-.001	6
24	MP BETA1	X	.002	6
25	MP GAMMA1	Y	-.001	6
26	MP GAMMA1	X	.003	6
27	MP ALPHA1	Y	-.004	6
28	MP ALPHA1	X	.007	6
29	MP BETA1	Y	-.005	6
30	MP BETA1	X	.008	6
31	MP GAMMA1	Y	-.004	6
32	MP GAMMA1	X	.007	6
33	MP ALPHA5	Y	-.007	2
34	MP ALPHA5	X	.012	2
35	MP ALPHA1	Y	-.004	5.25
36	MP ALPHA1	Y	-.004	2.75
37	MP ALPHA1	X	.008	5.25
38	MP ALPHA1	X	.008	2.75
39	MP BETA1	Y	-.007	5.25
40	MP BETA1	Y	-.007	2.75
41	MP BETA1	X	.012	5.25
42	MP BETA1	X	.012	2.75
43	MP GAMMA1	Y	-.004	5.25
44	MP GAMMA1	Y	-.004	2.75
45	MP GAMMA1	X	.008	5.25
46	MP GAMMA1	X	.008	2.75
47	MP ALPHA2	Y	-.007	8.583
48	MP ALPHA2	Y	-.007	4.417
49	MP ALPHA2	X	.012	8.583
50	MP ALPHA2	X	.012	4.417
51	MP BETA2	Y	-.008	8.583
52	MP BETA2	Y	-.008	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	.013	8.583
54	MP BETA2	X	.013	4.417
55	MP GAMMA2	Y	-.007	8.583
56	MP GAMMA2	Y	-.007	4.417
57	MP GAMMA2	X	.012	8.583
58	MP GAMMA2	X	.012	4.417
59	MP ALPHA4	Y	-.012	6.083
60	MP ALPHA4	Y	-.012	1.917
61	MP ALPHA4	X	.021	6.083
62	MP ALPHA4	X	.021	1.917
63	MP BETA4	Y	-.021	6.083
64	MP BETA4	Y	-.021	1.917
65	MP BETA4	X	.037	6.083
66	MP BETA4	X	.037	1.917
67	MP GAMMA4	Y	-.012	6.083
68	MP GAMMA4	Y	-.012	1.917
69	MP GAMMA4	X	.021	6.083
70	MP GAMMA4	X	.021	1.917
71	MP ALPHA3	Y	-.01	5.833
72	MP ALPHA3	Y	-.01	1.667
73	MP ALPHA3	X	.018	5.833
74	MP ALPHA3	X	.018	1.667
75	MP BETA3	Y	-.013	5.833
76	MP BETA3	Y	-.013	1.667
77	MP BETA3	X	.022	5.833
78	MP BETA3	X	.022	1.667
79	MP GAMMA3	Y	-.01	5.833
80	MP GAMMA3	Y	-.01	1.667
81	MP GAMMA3	X	.018	5.833
82	MP GAMMA3	X	.018	1.667
83	MP ALPHA3	Y	-.005	3.75
84	MP ALPHA3	X	.009	3.75
85	MP BETA3	Y	-.007	3.75
86	MP BETA3	X	.012	3.75
87	MP GAMMA3	Y	-.005	3.75
88	MP GAMMA3	X	.009	3.75
89	MP ALPHA4	Y	-.004	4
90	MP ALPHA4	X	.007	4
91	MP BETA4	Y	-.005	4
92	MP BETA4	X	.008	4
93	MP GAMMA4	Y	-.004	4
94	MP GAMMA4	X	.007	4
95	MP ALPHA3	Y	-.003	3.75
96	MP ALPHA3	X	.006	3.75
97	MP BETA3	Y	-.004	3.75
98	MP BETA3	X	.008	3.75
99	MP GAMMA3	Y	-.003	3.75
100	MP GAMMA3	X	.006	3.75
101	MP GAMMA2	Y	-.005	4
102	MP GAMMA2	X	.009	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.01	9
2	MP ALPHA2	X	.006	9
3	MP BETA2	Y	-.01	9
4	MP BETA2	X	.006	9
5	MP GAMMA2	Y	-.007	9
6	MP GAMMA2	X	.004	9
7	MP ALPHA2	Y	-.01	9
8	MP ALPHA2	X	.006	9
9	MP BETA2	Y	-.01	9
10	MP BETA2	X	.006	9
11	MP GAMMA2	Y	-.007	9
12	MP GAMMA2	X	.004	9
13	MP BETA5	Y	-.012	2
14	MP BETA5	X	.007	2
15	MP ALPHA2	Y	-.002	7
16	MP ALPHA2	X	.001	7
17	MP BETA2	Y	-.002	7
18	MP BETA2	X	.001	7
19	MP GAMMA2	Y	-.002	7
20	MP GAMMA2	X	.001	7
21	MP ALPHA1	Y	-.002	6
22	MP ALPHA1	X	.001	6
23	MP BETA1	Y	-.002	6
24	MP BETA1	X	.001	6
25	MP GAMMA1	Y	-.003	6
26	MP GAMMA1	X	.002	6
27	MP ALPHA1	Y	-.008	6
28	MP ALPHA1	X	.004	6
29	MP BETA1	Y	-.008	6
30	MP BETA1	X	.004	6
31	MP GAMMA1	Y	-.007	6
32	MP GAMMA1	X	.004	6
33	MP ALPHA5	Y	-.012	2
34	MP ALPHA5	X	.007	2
35	MP ALPHA1	Y	-.01	5.25
36	MP ALPHA1	Y	-.01	2.75
37	MP ALPHA1	X	.006	5.25
38	MP ALPHA1	X	.006	2.75
39	MP BETA1	Y	-.01	5.25
40	MP BETA1	Y	-.01	2.75
41	MP BETA1	X	.006	5.25
42	MP BETA1	X	.006	2.75
43	MP GAMMA1	Y	-.006	5.25
44	MP GAMMA1	Y	-.006	2.75
45	MP GAMMA1	X	.004	5.25
46	MP GAMMA1	X	.004	2.75
47	MP ALPHA2	Y	-.013	8.583
48	MP ALPHA2	Y	-.013	4.417
49	MP ALPHA2	X	.007	8.583
50	MP ALPHA2	X	.007	4.417
51	MP BETA2	Y	-.013	8.583
52	MP BETA2	Y	-.013	4.417

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
53	MP BETA2	X	.007	8.583
54	MP BETA2	X	.007	4.417
55	MP GAMMA2	Y	-.011	8.583
56	MP GAMMA2	Y	-.011	4.417
57	MP GAMMA2	X	.007	8.583
58	MP GAMMA2	X	.007	4.417
59	MP ALPHA4	Y	-.032	6.083
60	MP ALPHA4	Y	-.032	1.917
61	MP ALPHA4	X	.018	6.083
62	MP ALPHA4	X	.018	1.917
63	MP BETA4	Y	-.032	6.083
64	MP BETA4	Y	-.032	1.917
65	MP BETA4	X	.018	6.083
66	MP BETA4	X	.018	1.917
67	MP GAMMA4	Y	-.016	6.083
68	MP GAMMA4	Y	-.016	1.917
69	MP GAMMA4	X	.009	6.083
70	MP GAMMA4	X	.009	1.917
71	MP ALPHA3	Y	-.021	5.833
72	MP ALPHA3	Y	-.021	1.667
73	MP ALPHA3	X	.012	5.833
74	MP ALPHA3	X	.012	1.667
75	MP BETA3	Y	-.021	5.833
76	MP BETA3	Y	-.021	1.667
77	MP BETA3	X	.012	5.833
78	MP BETA3	X	.012	1.667
79	MP GAMMA3	Y	-.017	5.833
80	MP GAMMA3	Y	-.017	1.667
81	MP GAMMA3	X	.01	5.833
82	MP GAMMA3	X	.01	1.667
83	MP ALPHA3	Y	-.011	3.75
84	MP ALPHA3	X	.006	3.75
85	MP BETA3	Y	-.011	3.75
86	MP BETA3	X	.006	3.75
87	MP GAMMA3	Y	-.008	3.75
88	MP GAMMA3	X	.004	3.75
89	MP ALPHA4	Y	-.008	4
90	MP ALPHA4	X	.004	4
91	MP BETA4	Y	-.008	4
92	MP BETA4	X	.004	4
93	MP GAMMA4	Y	-.006	4
94	MP GAMMA4	X	.004	4
95	MP ALPHA3	Y	-.007	3.75
96	MP ALPHA3	X	.004	3.75
97	MP BETA3	Y	-.007	3.75
98	MP BETA3	X	.004	3.75
99	MP GAMMA3	Y	-.005	3.75
100	MP GAMMA3	X	.003	3.75
101	MP GAMMA2	Y	-.009	4
102	MP GAMMA2	X	.005	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	X	-.005	9
2	MP BETA2	X	-.005	9
3	MP GAMMA2	X	-.005	9
4	MP ALPHA2	X	-.005	9
5	MP BETA2	X	-.005	9
6	MP GAMMA2	X	-.005	9
7	MP BETA5	X	-.003	2
8	MP ALPHA2	X	-.002	7
9	MP BETA2	X	-.002	7
10	MP GAMMA2	X	-.002	7
11	MP ALPHA1	X	-.000415	6
12	MP BETA1	X	-.000415	6
13	MP GAMMA1	X	-.000415	6
14	MP ALPHA1	X	-.004	6
15	MP BETA1	X	-.004	6
16	MP GAMMA1	X	-.004	6
17	MP ALPHA5	X	-.003	2
18	MP ALPHA1	X	-.002	5.25
19	MP ALPHA1	X	-.002	2.75
20	MP BETA1	X	-.002	5.25
21	MP BETA1	X	-.002	2.75
22	MP GAMMA1	X	-.002	5.25
23	MP GAMMA1	X	-.002	2.75
24	MP ALPHA2	X	-.005	8.583
25	MP ALPHA2	X	-.005	4.417
26	MP BETA2	X	-.005	8.583
27	MP BETA2	X	-.005	4.417
28	MP GAMMA2	X	-.005	8.583
29	MP GAMMA2	X	-.005	4.417
30	MP ALPHA4	X	-.004	6.083
31	MP ALPHA4	X	-.004	1.917
32	MP BETA4	X	-.004	6.083
33	MP BETA4	X	-.004	1.917
34	MP GAMMA4	X	-.004	6.083
35	MP GAMMA4	X	-.004	1.917
36	MP ALPHA3	X	-.003	5.833
37	MP ALPHA3	X	-.003	1.667
38	MP BETA3	X	-.003	5.833
39	MP BETA3	X	-.003	1.667
40	MP GAMMA3	X	-.003	5.833
41	MP GAMMA3	X	-.003	1.667
42	MP ALPHA3	X	-.005	3.75
43	MP BETA3	X	-.005	3.75
44	MP GAMMA3	X	-.005	3.75
45	MP ALPHA4	X	-.007	4
46	MP BETA4	X	-.007	4
47	MP GAMMA4	X	-.007	4
48	MP ALPHA3	X	-.006	3.75
49	MP BETA3	X	-.006	3.75
50	MP GAMMA3	X	-.006	3.75
51	MP GAMMA2	X	-.003	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Y	-.005	9
2	MP BETA2	Y	-.005	9
3	MP GAMMA2	Y	-.005	9
4	MP ALPHA2	Y	-.005	9
5	MP BETA2	Y	-.005	9
6	MP GAMMA2	Y	-.005	9
7	MP BETA5	Y	-.003	2
8	MP ALPHA2	Y	-.002	7
9	MP BETA2	Y	-.002	7
10	MP GAMMA2	Y	-.002	7
11	MP ALPHA1	Y	-.000415	6
12	MP BETA1	Y	-.000415	6
13	MP GAMMA1	Y	-.000415	6
14	MP ALPHA1	Y	-.004	6
15	MP BETA1	Y	-.004	6
16	MP GAMMA1	Y	-.004	6
17	MP ALPHA5	Y	-.003	2
18	MP ALPHA1	Y	-.002	5.25
19	MP ALPHA1	Y	-.002	2.75
20	MP BETA1	Y	-.002	5.25
21	MP BETA1	Y	-.002	2.75
22	MP GAMMA1	Y	-.002	5.25
23	MP GAMMA1	Y	-.002	2.75
24	MP ALPHA2	Y	-.005	8.583
25	MP ALPHA2	Y	-.005	4.417
26	MP BETA2	Y	-.005	8.583
27	MP BETA2	Y	-.005	4.417
28	MP GAMMA2	Y	-.005	8.583
29	MP GAMMA2	Y	-.005	4.417
30	MP ALPHA4	Y	-.004	6.083
31	MP ALPHA4	Y	-.004	1.917
32	MP BETA4	Y	-.004	6.083
33	MP BETA4	Y	-.004	1.917
34	MP GAMMA4	Y	-.004	6.083
35	MP GAMMA4	Y	-.004	1.917
36	MP ALPHA3	Y	-.003	5.833
37	MP ALPHA3	Y	-.003	1.667
38	MP BETA3	Y	-.003	5.833
39	MP BETA3	Y	-.003	1.667
40	MP GAMMA3	Y	-.003	5.833
41	MP GAMMA3	Y	-.003	1.667
42	MP ALPHA3	Y	-.005	3.75
43	MP BETA3	Y	-.005	3.75
44	MP GAMMA3	Y	-.005	3.75
45	MP ALPHA4	Y	-.007	4
46	MP BETA4	Y	-.007	4
47	MP GAMMA4	Y	-.007	4
48	MP ALPHA3	Y	-.006	3.75
49	MP BETA3	Y	-.006	3.75
50	MP GAMMA3	Y	-.006	3.75
51	MP GAMMA2	Y	-.003	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA2	Z	-.002	9
2	MP BETA2	Z	-.002	9
3	MP GAMMA2	Z	-.002	9
4	MP ALPHA2	Z	-.002	9
5	MP BETA2	Z	-.002	9
6	MP GAMMA2	Z	-.002	9
7	MP BETA5	Z	-.001	2
8	MP ALPHA2	Z	-.000959	7
9	MP BETA2	Z	-.000959	7
10	MP GAMMA2	Z	-.000959	7
11	MP ALPHA1	Z	-.000166	6
12	MP BETA1	Z	-.000166	6
13	MP GAMMA1	Z	-.000166	6
14	MP ALPHA1	Z	-.002	6
15	MP BETA1	Z	-.002	6
16	MP GAMMA1	Z	-.002	6
17	MP ALPHA5	Z	-.001	2
18	MP ALPHA1	Z	-.000661	5.25
19	MP ALPHA1	Z	-.000661	2.75
20	MP BETA1	Z	-.000661	5.25
21	MP BETA1	Z	-.000661	2.75
22	MP GAMMA1	Z	-.000661	5.25
23	MP GAMMA1	Z	-.000661	2.75
24	MP ALPHA2	Z	-.002	8.583
25	MP ALPHA2	Z	-.002	4.417
26	MP BETA2	Z	-.002	8.583
27	MP BETA2	Z	-.002	4.417
28	MP GAMMA2	Z	-.002	8.583
29	MP GAMMA2	Z	-.002	4.417
30	MP ALPHA4	Z	-.002	6.083
31	MP ALPHA4	Z	-.002	1.917
32	MP BETA4	Z	-.002	6.083
33	MP BETA4	Z	-.002	1.917
34	MP GAMMA4	Z	-.002	6.083
35	MP GAMMA4	Z	-.002	1.917
36	MP ALPHA3	Z	-.001	5.833
37	MP ALPHA3	Z	-.001	1.667
38	MP BETA3	Z	-.001	5.833
39	MP BETA3	Z	-.001	1.667
40	MP GAMMA3	Z	-.001	5.833
41	MP GAMMA3	Z	-.001	1.667
42	MP ALPHA3	Z	-.002	3.75
43	MP BETA3	Z	-.002	3.75
44	MP GAMMA3	Z	-.002	3.75
45	MP ALPHA4	Z	-.003	4
46	MP BETA4	Z	-.003	4
47	MP GAMMA4	Z	-.003	4
48	MP ALPHA3	Z	-.002	3.75
49	MP BETA3	Z	-.002	3.75
50	MP GAMMA3	Z	-.002	3.75
51	MP GAMMA2	Z	-.001	4

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.007	-.007	0	0
2	SUP5	PY	-.007	-.007	0	0
3	SUP4	PY	-.007	-.007	0	0
4	SUP3	PY	-.007	-.007	0	0
5	SUP2	PY	-.007	-.007	0	0
6	SUP1	PY	-.007	-.007	0	0
7	SO3	PY	-.009	-.009	0	0
8	SO2	PY	-.009	-.009	0	0
9	SO1	PY	-.009	-.009	0	0
10	RAIL3	PY	-.007	-.007	0	0
11	RAIL2	PY	-.007	-.007	0	0
12	RAIL1	PY	-.004	-.004	0	0
13	R12	PY	-.000772	-.000772	0	0
14	R11	PY	-.000772	-.000772	0	0
15	R10	PY	-.000772	-.000772	0	0
16	R9	PY	-.000772	-.000772	0	0
17	R8	PY	-.000772	-.000772	0	0
18	R7	PY	-.000772	-.000772	0	0
19	R6	PY	-.000772	-.000772	0	0
20	R5	PY	-.000772	-.000772	0	0
21	R4	PY	-.000772	-.000772	0	0
22	R3	PY	-.000772	-.000772	0	0
23	R2	PY	-.000772	-.000772	0	0
24	R1	PY	-.000772	-.000772	0	0
25	PL12	PY	-.021	-.021	0	0
26	PL11	PY	-.021	-.021	0	0
27	PL10	PY	-.021	-.021	0	0
28	PL9	PY	-.021	-.021	0	0
29	PL8	PY	-.021	-.021	0	0
30	PL7	PY	-.021	-.021	0	0
31	PL6	PY	-.021	-.021	0	0
32	PL5	PY	-.021	-.021	0	0
33	PL4	PY	-.021	-.021	0	0
34	PL3	PY	-.021	-.021	0	0
35	PL2	PY	-.021	-.021	0	0
36	PL1	PY	-.021	-.021	0	0
37	MP GAMMA4	PY	-.01	-.01	0	0
38	MP GAMMA3	PY	-.01	-.01	0	0
39	MP GAMMA2	PY	-.01	-.01	0	0
40	MP GAMMA1a	PY	-.01	-.01	0	0
41	MP GAMMA1	PY	-.01	-.01	0	0
42	MP BETA5	PY	-.01	-.01	0	0
43	MP BETA4	PY	-.01	-.01	0	0
44	MP BETA3	PY	-.01	-.01	0	0
45	MP BETA2	PY	-.01	-.01	0	0
46	MP BETA1A	PY	-.01	-.01	0	0
47	MP BETA1	PY	-.01	-.01	0	0
48	MP ALPHA5	PY	-.01	-.01	0	0
49	MP ALPHA4	PY	-.01	-.01	0	0
50	MP ALPHA3	PY	-.01	-.01	0	0
51	MP ALPHA2	PY	-.01	-.01	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
52	MP ALPHA1A	PY	-.01	-.01	0	0
53	MP ALPHA1	PY	-.01	-.01	0	0
54	FACE3	PY	-.009	-.009	0	0
55	FACE2	PY	-.009	-.009	0	0
56	FACE1	PY	-.004	-.004	0	0
57	CR6	PY	-.007	-.007	0	0
58	CR5	PY	-.007	-.007	0	0
59	CR4	PY	-.007	-.007	0	0
60	CR3	PY	-.007	-.007	0	0
61	CR2	PY	-.007	-.007	0	0
62	CR1	PY	-.007	-.007	0	0
63	CORN PL9	PY	-.021	-.021	0	0
64	CORN PL8	PY	-.021	-.021	0	0
65	CORN PL7	PY	-.021	-.021	0	0
66	CORN PL6	PY	-.021	-.021	0	0
67	CORN PL5	PY	-.021	-.021	0	0
68	CORN PL4	PY	-.021	-.021	0	0
69	CORN PL3	PY	-.021	-.021	0	0
70	CORN PL2	PY	-.021	-.021	0	0
71	CORN PL1	PY	-.021	-.021	0	0
72	ANGLE3	PY	-.009	-.009	0	0
73	ANGLE2	PY	-.009	-.009	0	0
74	ANGLE1	PY	-.009	-.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.006	-.006	0	0
2	SUP5	PY	-.006	-.006	0	0
3	SUP4	PY	-.006	-.006	0	0
4	SUP3	PY	-.006	-.006	0	0
5	SUP2	PY	-.006	-.006	0	0
6	SUP1	PY	-.006	-.006	0	0
7	SO3	PY	-.008	-.008	0	0
8	SO2	PY	-.008	-.008	0	0
9	SO1	PY	-.008	-.008	0	0
10	RAIL3	PY	-.006	-.006	0	0
11	RAIL2	PY	-.006	-.006	0	0
12	RAIL1	PY	-.003	-.003	0	0
13	R12	PY	-.000669	-.000669	0	0
14	R11	PY	-.000669	-.000669	0	0
15	R10	PY	-.000669	-.000669	0	0
16	R9	PY	-.000669	-.000669	0	0
17	R8	PY	-.000669	-.000669	0	0
18	R7	PY	-.000669	-.000669	0	0
19	R6	PY	-.000669	-.000669	0	0
20	R5	PY	-.000669	-.000669	0	0
21	R4	PY	-.000669	-.000669	0	0
22	R3	PY	-.000669	-.000669	0	0
23	R2	PY	-.000669	-.000669	0	0
24	R1	PY	-.000669	-.000669	0	0
25	PL12	PY	-.018	-.018	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
26	PL11	PY	-.018	-.018	0	0
27	PL10	PY	-.018	-.018	0	0
28	PL9	PY	-.018	-.018	0	0
29	PL8	PY	-.018	-.018	0	0
30	PL7	PY	-.018	-.018	0	0
31	PL6	PY	-.018	-.018	0	0
32	PL5	PY	-.018	-.018	0	0
33	PL4	PY	-.018	-.018	0	0
34	PL3	PY	-.018	-.018	0	0
35	PL2	PY	-.018	-.018	0	0
36	PL1	PY	-.018	-.018	0	0
37	MP GAMMA4	PY	-.009	-.009	0	0
38	MP GAMMA3	PY	-.009	-.009	0	0
39	MP GAMMA2	PY	-.009	-.009	0	0
40	MP GAMMA1a	PY	-.009	-.009	0	0
41	MP GAMMA1	PY	-.009	-.009	0	0
42	MP BETA5	PY	-.009	-.009	0	0
43	MP BETA4	PY	-.009	-.009	0	0
44	MP BETA3	PY	-.009	-.009	0	0
45	MP BETA2	PY	-.009	-.009	0	0
46	MP BETA1A	PY	-.009	-.009	0	0
47	MP BETA1	PY	-.009	-.009	0	0
48	MP ALPHA5	PY	-.009	-.009	0	0
49	MP ALPHA4	PY	-.009	-.009	0	0
50	MP ALPHA3	PY	-.009	-.009	0	0
51	MP ALPHA2	PY	-.009	-.009	0	0
52	MP ALPHA1A	PY	-.009	-.009	0	0
53	MP ALPHA1	PY	-.009	-.009	0	0
54	FACE3	PY	-.007	-.007	0	0
55	FACE2	PY	-.007	-.007	0	0
56	FACE1	PY	-.004	-.004	0	0
57	CR6	PY	-.006	-.006	0	0
58	CR5	PY	-.006	-.006	0	0
59	CR4	PY	-.006	-.006	0	0
60	CR3	PY	-.006	-.006	0	0
61	CR2	PY	-.006	-.006	0	0
62	CR1	PY	-.006	-.006	0	0
63	CORN PL9	PY	-.018	-.018	0	0
64	CORN PL8	PY	-.018	-.018	0	0
65	CORN PL7	PY	-.018	-.018	0	0
66	CORN PL6	PY	-.018	-.018	0	0
67	CORN PL5	PY	-.018	-.018	0	0
68	CORN PL4	PY	-.018	-.018	0	0
69	CORN PL3	PY	-.018	-.018	0	0
70	CORN PL2	PY	-.018	-.018	0	0
71	CORN PL1	PY	-.018	-.018	0	0
72	ANGLE3	PY	-.008	-.008	0	0
73	ANGLE2	PY	-.008	-.008	0	0
74	ANGLE1	PY	-.008	-.008	0	0
75	SUP6	PX	-.003	-.003	0	0
76	SUP5	PX	-.003	-.003	0	0
77	SUP4	PX	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
78	SUP3	PX	-.003	-.003	0	0
79	SUP2	PX	-.003	-.003	0	0
80	SUP1	PX	-.003	-.003	0	0
81	SO3	PX	-.004	-.004	0	0
82	SO2	PX	-.004	-.004	0	0
83	SO1	PX	-.004	-.004	0	0
84	RAIL3	PX	-.004	-.004	0	0
85	RAIL2	PX	-.004	-.004	0	0
86	RAIL1	PX	-.002	-.002	0	0
87	R12	PX	-.000386	-.000386	0	0
88	R11	PX	-.000386	-.000386	0	0
89	R10	PX	-.000386	-.000386	0	0
90	R9	PX	-.000386	-.000386	0	0
91	R8	PX	-.000386	-.000386	0	0
92	R7	PX	-.000386	-.000386	0	0
93	R6	PX	-.000386	-.000386	0	0
94	R5	PX	-.000386	-.000386	0	0
95	R4	PX	-.000386	-.000386	0	0
96	R3	PX	-.000386	-.000386	0	0
97	R2	PX	-.000386	-.000386	0	0
98	R1	PX	-.000386	-.000386	0	0
99	PL12	PX	-.01	-.01	0	0
100	PL11	PX	-.01	-.01	0	0
101	PL10	PX	-.01	-.01	0	0
102	PL9	PX	-.01	-.01	0	0
103	PL8	PX	-.01	-.01	0	0
104	PL7	PX	-.01	-.01	0	0
105	PL6	PX	-.01	-.01	0	0
106	PL5	PX	-.01	-.01	0	0
107	PL4	PX	-.01	-.01	0	0
108	PL3	PX	-.01	-.01	0	0
109	PL2	PX	-.01	-.01	0	0
110	PL1	PX	-.01	-.01	0	0
111	MP GAMMA4	PX	-.005	-.005	0	0
112	MP GAMMA3	PX	-.005	-.005	0	0
113	MP GAMMA2	PX	-.005	-.005	0	0
114	MP GAMMA1a	PX	-.005	-.005	0	0
115	MP GAMMA1	PX	-.005	-.005	0	0
116	MP BETA5	PX	-.005	-.005	0	0
117	MP BETA4	PX	-.005	-.005	0	0
118	MP BETA3	PX	-.005	-.005	0	0
119	MP BETA2	PX	-.005	-.005	0	0
120	MP BETA1A	PX	-.005	-.005	0	0
121	MP BETA1	PX	-.005	-.005	0	0
122	MP ALPHA5	PX	-.005	-.005	0	0
123	MP ALPHA4	PX	-.005	-.005	0	0
124	MP ALPHA3	PX	-.005	-.005	0	0
125	MP ALPHA2	PX	-.005	-.005	0	0
126	MP ALPHA1A	PX	-.005	-.005	0	0
127	MP ALPHA1	PX	-.005	-.005	0	0
128	FACE3	PX	-.004	-.004	0	0
129	FACE2	PX	-.004	-.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
130	FACE1	PX	-.002	-.002	0	0
131	CR6	PX	-.003	-.003	0	0
132	CR5	PX	-.003	-.003	0	0
133	CR4	PX	-.003	-.003	0	0
134	CR3	PX	-.003	-.003	0	0
135	CR2	PX	-.003	-.003	0	0
136	CR1	PX	-.003	-.003	0	0
137	CORN PL9	PX	-.01	-.01	0	0
138	CORN PL8	PX	-.01	-.01	0	0
139	CORN PL7	PX	-.01	-.01	0	0
140	CORN PL6	PX	-.01	-.01	0	0
141	CORN PL5	PX	-.01	-.01	0	0
142	CORN PL4	PX	-.01	-.01	0	0
143	CORN PL3	PX	-.01	-.01	0	0
144	CORN PL2	PX	-.01	-.01	0	0
145	CORN PL1	PX	-.01	-.01	0	0
146	ANGLE3	PX	-.004	-.004	0	0
147	ANGLE2	PX	-.004	-.004	0	0
148	ANGLE1	PX	-.004	-.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.003	-.003	0	0
2	SUP5	PY	-.003	-.003	0	0
3	SUP4	PY	-.003	-.003	0	0
4	SUP3	PY	-.003	-.003	0	0
5	SUP2	PY	-.003	-.003	0	0
6	SUP1	PY	-.003	-.003	0	0
7	SO3	PY	-.004	-.004	0	0
8	SO2	PY	-.004	-.004	0	0
9	SO1	PY	-.004	-.004	0	0
10	RAIL3	PY	-.004	-.004	0	0
11	RAIL2	PY	-.004	-.004	0	0
12	RAIL1	PY	-.002	-.002	0	0
13	R12	PY	-.000386	-.000386	0	0
14	R11	PY	-.000386	-.000386	0	0
15	R10	PY	-.000386	-.000386	0	0
16	R9	PY	-.000386	-.000386	0	0
17	R8	PY	-.000386	-.000386	0	0
18	R7	PY	-.000386	-.000386	0	0
19	R6	PY	-.000386	-.000386	0	0
20	R5	PY	-.000386	-.000386	0	0
21	R4	PY	-.000386	-.000386	0	0
22	R3	PY	-.000386	-.000386	0	0
23	R2	PY	-.000386	-.000386	0	0
24	R1	PY	-.000386	-.000386	0	0
25	PL12	PY	-.01	-.01	0	0
26	PL11	PY	-.01	-.01	0	0
27	PL10	PY	-.01	-.01	0	0
28	PL9	PY	-.01	-.01	0	0
29	PL8	PY	-.01	-.01	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
30	PL7	PY	-.01	-.01	0	0
31	PL6	PY	-.01	-.01	0	0
32	PL5	PY	-.01	-.01	0	0
33	PL4	PY	-.01	-.01	0	0
34	PL3	PY	-.01	-.01	0	0
35	PL2	PY	-.01	-.01	0	0
36	PL1	PY	-.01	-.01	0	0
37	MP GAMMA4	PY	-.005	-.005	0	0
38	MP GAMMA3	PY	-.005	-.005	0	0
39	MP GAMMA2	PY	-.005	-.005	0	0
40	MP GAMMA1a	PY	-.005	-.005	0	0
41	MP GAMMA1	PY	-.005	-.005	0	0
42	MP BETA5	PY	-.005	-.005	0	0
43	MP BETA4	PY	-.005	-.005	0	0
44	MP BETA3	PY	-.005	-.005	0	0
45	MP BETA2	PY	-.005	-.005	0	0
46	MP BETA1A	PY	-.005	-.005	0	0
47	MP BETA1	PY	-.005	-.005	0	0
48	MP ALPHA5	PY	-.005	-.005	0	0
49	MP ALPHA4	PY	-.005	-.005	0	0
50	MP ALPHA3	PY	-.005	-.005	0	0
51	MP ALPHA2	PY	-.005	-.005	0	0
52	MP ALPHA1A	PY	-.005	-.005	0	0
53	MP ALPHA1	PY	-.005	-.005	0	0
54	FACE3	PY	-.004	-.004	0	0
55	FACE2	PY	-.004	-.004	0	0
56	FACE1	PY	-.002	-.002	0	0
57	CR6	PY	-.003	-.003	0	0
58	CR5	PY	-.003	-.003	0	0
59	CR4	PY	-.003	-.003	0	0
60	CR3	PY	-.003	-.003	0	0
61	CR2	PY	-.003	-.003	0	0
62	CR1	PY	-.003	-.003	0	0
63	CORN PL9	PY	-.01	-.01	0	0
64	CORN PL8	PY	-.01	-.01	0	0
65	CORN PL7	PY	-.01	-.01	0	0
66	CORN PL6	PY	-.01	-.01	0	0
67	CORN PL5	PY	-.01	-.01	0	0
68	CORN PL4	PY	-.01	-.01	0	0
69	CORN PL3	PY	-.01	-.01	0	0
70	CORN PL2	PY	-.01	-.01	0	0
71	CORN PL1	PY	-.01	-.01	0	0
72	ANGLE3	PY	-.004	-.004	0	0
73	ANGLE2	PY	-.004	-.004	0	0
74	ANGLE1	PY	-.004	-.004	0	0
75	SUP6	PX	-.006	-.006	0	0
76	SUP5	PX	-.006	-.006	0	0
77	SUP4	PX	-.006	-.006	0	0
78	SUP3	PX	-.006	-.006	0	0
79	SUP2	PX	-.006	-.006	0	0
80	SUP1	PX	-.006	-.006	0	0
81	SO3	PX	-.008	-.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
82	SO2	PX	-.008	-.008	0	0
83	SO1	PX	-.008	-.008	0	0
84	RAIL3	PX	-.006	-.006	0	0
85	RAIL2	PX	-.006	-.006	0	0
86	RAIL1	PX	-.003	-.003	0	0
87	R12	PX	-.000669	-.000669	0	0
88	R11	PX	-.000669	-.000669	0	0
89	R10	PX	-.000669	-.000669	0	0
90	R9	PX	-.000669	-.000669	0	0
91	R8	PX	-.000669	-.000669	0	0
92	R7	PX	-.000669	-.000669	0	0
93	R6	PX	-.000669	-.000669	0	0
94	R5	PX	-.000669	-.000669	0	0
95	R4	PX	-.000669	-.000669	0	0
96	R3	PX	-.000669	-.000669	0	0
97	R2	PX	-.000669	-.000669	0	0
98	R1	PX	-.000669	-.000669	0	0
99	PL12	PX	-.018	-.018	0	0
100	PL11	PX	-.018	-.018	0	0
101	PL10	PX	-.018	-.018	0	0
102	PL9	PX	-.018	-.018	0	0
103	PL8	PX	-.018	-.018	0	0
104	PL7	PX	-.018	-.018	0	0
105	PL6	PX	-.018	-.018	0	0
106	PL5	PX	-.018	-.018	0	0
107	PL4	PX	-.018	-.018	0	0
108	PL3	PX	-.018	-.018	0	0
109	PL2	PX	-.018	-.018	0	0
110	PL1	PX	-.018	-.018	0	0
111	MP GAMMA4	PX	-.009	-.009	0	0
112	MP GAMMA3	PX	-.009	-.009	0	0
113	MP GAMMA2	PX	-.009	-.009	0	0
114	MP GAMMA1a	PX	-.009	-.009	0	0
115	MP GAMMA1	PX	-.009	-.009	0	0
116	MP BETA5	PX	-.009	-.009	0	0
117	MP BETA4	PX	-.009	-.009	0	0
118	MP BETA3	PX	-.009	-.009	0	0
119	MP BETA2	PX	-.009	-.009	0	0
120	MP BETA1A	PX	-.009	-.009	0	0
121	MP BETA1	PX	-.009	-.009	0	0
122	MP ALPHA5	PX	-.009	-.009	0	0
123	MP ALPHA4	PX	-.009	-.009	0	0
124	MP ALPHA3	PX	-.009	-.009	0	0
125	MP ALPHA2	PX	-.009	-.009	0	0
126	MP ALPHA1A	PX	-.009	-.009	0	0
127	MP ALPHA1	PX	-.009	-.009	0	0
128	FACE3	PX	-.007	-.007	0	0
129	FACE2	PX	-.007	-.007	0	0
130	FACE1	PX	-.004	-.004	0	0
131	CR6	PX	-.006	-.006	0	0
132	CR5	PX	-.006	-.006	0	0
133	CR4	PX	-.006	-.006	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
134	CR3	PX	-.006	-.006	0	0
135	CR2	PX	-.006	-.006	0	0
136	CR1	PX	-.006	-.006	0	0
137	CORN PL9	PX	-.018	-.018	0	0
138	CORN PL8	PX	-.018	-.018	0	0
139	CORN PL7	PX	-.018	-.018	0	0
140	CORN PL6	PX	-.018	-.018	0	0
141	CORN PL5	PX	-.018	-.018	0	0
142	CORN PL4	PX	-.018	-.018	0	0
143	CORN PL3	PX	-.018	-.018	0	0
144	CORN PL2	PX	-.018	-.018	0	0
145	CORN PL1	PX	-.018	-.018	0	0
146	ANGLE3	PX	-.008	-.008	0	0
147	ANGLE2	PX	-.008	-.008	0	0
148	ANGLE1	PX	-.008	-.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PX	-.007	-.007	0	0
2	SUP5	PX	-.007	-.007	0	0
3	SUP4	PX	-.007	-.007	0	0
4	SUP3	PX	-.007	-.007	0	0
5	SUP2	PX	-.007	-.007	0	0
6	SUP1	PX	-.007	-.007	0	0
7	SO3	PX	-.009	-.009	0	0
8	SO2	PX	-.009	-.009	0	0
9	SO1	PX	-.009	-.009	0	0
10	RAIL3	PX	-.007	-.007	0	0
11	RAIL1	PX	-.007	-.007	0	0
12	RAIL2	PX	-.004	-.004	0	0
13	R12	PX	-.000772	-.000772	0	0
14	R11	PX	-.000772	-.000772	0	0
15	R10	PX	-.000772	-.000772	0	0
16	R9	PX	-.000772	-.000772	0	0
17	R8	PX	-.000772	-.000772	0	0
18	R7	PX	-.000772	-.000772	0	0
19	R6	PX	-.000772	-.000772	0	0
20	R5	PX	-.000772	-.000772	0	0
21	R4	PX	-.000772	-.000772	0	0
22	R3	PX	-.000772	-.000772	0	0
23	R2	PX	-.000772	-.000772	0	0
24	R1	PX	-.000772	-.000772	0	0
25	PL12	PX	-.021	-.021	0	0
26	PL11	PX	-.021	-.021	0	0
27	PL10	PX	-.021	-.021	0	0
28	PL9	PX	-.021	-.021	0	0
29	PL8	PX	-.021	-.021	0	0
30	PL7	PX	-.021	-.021	0	0
31	PL6	PX	-.021	-.021	0	0
32	PL5	PX	-.021	-.021	0	0
33	PL4	PX	-.021	-.021	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
34	PL3	PX	-.021	-.021	0	0
35	PL2	PX	-.021	-.021	0	0
36	PL1	PX	-.021	-.021	0	0
37	MP GAMMA4	PX	-.01	-.01	0	0
38	MP GAMMA3	PX	-.01	-.01	0	0
39	MP GAMMA2	PX	-.01	-.01	0	0
40	MP GAMMA1a	PX	-.01	-.01	0	0
41	MP GAMMA1	PX	-.01	-.01	0	0
42	MP BETA5	PX	-.01	-.01	0	0
43	MP BETA4	PX	-.01	-.01	0	0
44	MP BETA3	PX	-.01	-.01	0	0
45	MP BETA2	PX	-.01	-.01	0	0
46	MP BETA1A	PX	-.01	-.01	0	0
47	MP BETA1	PX	-.01	-.01	0	0
48	MP ALPHA5	PX	-.01	-.01	0	0
49	MP ALPHA4	PX	-.01	-.01	0	0
50	MP ALPHA3	PX	-.01	-.01	0	0
51	MP ALPHA2	PX	-.01	-.01	0	0
52	MP ALPHA1A	PX	-.01	-.01	0	0
53	MP ALPHA1	PX	-.01	-.01	0	0
54	FACE3	PX	-.009	-.009	0	0
55	FACE1	PX	-.009	-.009	0	0
56	FACE2	PX	-.004	-.004	0	0
57	CR6	PX	-.007	-.007	0	0
58	CR5	PX	-.007	-.007	0	0
59	CR4	PX	-.007	-.007	0	0
60	CR3	PX	-.007	-.007	0	0
61	CR2	PX	-.007	-.007	0	0
62	CR1	PX	-.007	-.007	0	0
63	CORN PL9	PX	-.021	-.021	0	0
64	CORN PL8	PX	-.021	-.021	0	0
65	CORN PL7	PX	-.021	-.021	0	0
66	CORN PL6	PX	-.021	-.021	0	0
67	CORN PL5	PX	-.021	-.021	0	0
68	CORN PL4	PX	-.021	-.021	0	0
69	CORN PL3	PX	-.021	-.021	0	0
70	CORN PL2	PX	-.021	-.021	0	0
71	CORN PL1	PX	-.021	-.021	0	0
72	ANGLE3	PX	-.009	-.009	0	0
73	ANGLE2	PX	-.009	-.009	0	0
74	ANGLE1	PX	-.009	-.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.003	.003	0	0
2	SUP5	PY	.003	.003	0	0
3	SUP4	PY	.003	.003	0	0
4	SUP3	PY	.003	.003	0	0
5	SUP2	PY	.003	.003	0	0
6	SUP1	PY	.003	.003	0	0
7	SO3	PY	.004	.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
8	SO2	PY	.004	.004	0	0
9	SO1	PY	.004	.004	0	0
10	RAIL3	PY	.004	.004	0	0
11	RAIL1	PY	.004	.004	0	0
12	RAIL2	PY	.002	.002	0	0
13	R12	PY	.000386	.000386	0	0
14	R11	PY	.000386	.000386	0	0
15	R10	PY	.000386	.000386	0	0
16	R9	PY	.000386	.000386	0	0
17	R8	PY	.000386	.000386	0	0
18	R7	PY	.000386	.000386	0	0
19	R6	PY	.000386	.000386	0	0
20	R5	PY	.000386	.000386	0	0
21	R4	PY	.000386	.000386	0	0
22	R3	PY	.000386	.000386	0	0
23	R2	PY	.000386	.000386	0	0
24	R1	PY	.000386	.000386	0	0
25	PL12	PY	.01	.01	0	0
26	PL11	PY	.01	.01	0	0
27	PL10	PY	.01	.01	0	0
28	PL9	PY	.01	.01	0	0
29	PL8	PY	.01	.01	0	0
30	PL7	PY	.01	.01	0	0
31	PL6	PY	.01	.01	0	0
32	PL5	PY	.01	.01	0	0
33	PL4	PY	.01	.01	0	0
34	PL3	PY	.01	.01	0	0
35	PL2	PY	.01	.01	0	0
36	PL1	PY	.01	.01	0	0
37	MP GAMMA4	PY	.005	.005	0	0
38	MP GAMMA3	PY	.005	.005	0	0
39	MP GAMMA2	PY	.005	.005	0	0
40	MP GAMMA1a	PY	.005	.005	0	0
41	MP GAMMA1	PY	.005	.005	0	0
42	MP BETA5	PY	.005	.005	0	0
43	MP BETA4	PY	.005	.005	0	0
44	MP BETA3	PY	.005	.005	0	0
45	MP BETA2	PY	.005	.005	0	0
46	MP BETA1A	PY	.005	.005	0	0
47	MP BETA1	PY	.005	.005	0	0
48	MP ALPHA5	PY	.005	.005	0	0
49	MP ALPHA4	PY	.005	.005	0	0
50	MP ALPHA3	PY	.005	.005	0	0
51	MP ALPHA2	PY	.005	.005	0	0
52	MP ALPHA1A	PY	.005	.005	0	0
53	MP ALPHA1	PY	.005	.005	0	0
54	FACE3	PY	.004	.004	0	0
55	FACE1	PY	.004	.004	0	0
56	FACE2	PY	.002	.002	0	0
57	CR6	PY	.003	.003	0	0
58	CR5	PY	.003	.003	0	0
59	CR4	PY	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
60	CR3	PY	.003	.003	0	0
61	CR2	PY	.003	.003	0	0
62	CR1	PY	.003	.003	0	0
63	CORN PL9	PY	.01	.01	0	0
64	CORN PL8	PY	.01	.01	0	0
65	CORN PL7	PY	.01	.01	0	0
66	CORN PL6	PY	.01	.01	0	0
67	CORN PL5	PY	.01	.01	0	0
68	CORN PL4	PY	.01	.01	0	0
69	CORN PL3	PY	.01	.01	0	0
70	CORN PL2	PY	.01	.01	0	0
71	CORN PL1	PY	.01	.01	0	0
72	ANGLE3	PY	.004	.004	0	0
73	ANGLE2	PY	.004	.004	0	0
74	ANGLE1	PY	.004	.004	0	0
75	SUP6	PX	-.006	-.006	0	0
76	SUP5	PX	-.006	-.006	0	0
77	SUP4	PX	-.006	-.006	0	0
78	SUP3	PX	-.006	-.006	0	0
79	SUP2	PX	-.006	-.006	0	0
80	SUP1	PX	-.006	-.006	0	0
81	SO3	PX	-.008	-.008	0	0
82	SO2	PX	-.008	-.008	0	0
83	SO1	PX	-.008	-.008	0	0
84	RAIL3	PX	-.006	-.006	0	0
85	RAIL1	PX	-.006	-.006	0	0
86	RAIL2	PX	-.003	-.003	0	0
87	R12	PX	-.000669	-.000669	0	0
88	R11	PX	-.000669	-.000669	0	0
89	R10	PX	-.000669	-.000669	0	0
90	R9	PX	-.000669	-.000669	0	0
91	R8	PX	-.000669	-.000669	0	0
92	R7	PX	-.000669	-.000669	0	0
93	R6	PX	-.000669	-.000669	0	0
94	R5	PX	-.000669	-.000669	0	0
95	R4	PX	-.000669	-.000669	0	0
96	R3	PX	-.000669	-.000669	0	0
97	R2	PX	-.000669	-.000669	0	0
98	R1	PX	-.000669	-.000669	0	0
99	PL12	PX	-.018	-.018	0	0
100	PL11	PX	-.018	-.018	0	0
101	PL10	PX	-.018	-.018	0	0
102	PL9	PX	-.018	-.018	0	0
103	PL8	PX	-.018	-.018	0	0
104	PL7	PX	-.018	-.018	0	0
105	PL6	PX	-.018	-.018	0	0
106	PL5	PX	-.018	-.018	0	0
107	PL4	PX	-.018	-.018	0	0
108	PL3	PX	-.018	-.018	0	0
109	PL2	PX	-.018	-.018	0	0
110	PL1	PX	-.018	-.018	0	0
111	MP GAMMA4	PX	-.009	-.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
112	MP GAMMA3	PX	-.009	-.009	0	0
113	MP GAMMA2	PX	-.009	-.009	0	0
114	MP GAMMA1a	PX	-.009	-.009	0	0
115	MP GAMMA1	PX	-.009	-.009	0	0
116	MP BETA5	PX	-.009	-.009	0	0
117	MP BETA4	PX	-.009	-.009	0	0
118	MP BETA3	PX	-.009	-.009	0	0
119	MP BETA2	PX	-.009	-.009	0	0
120	MP BETA1A	PX	-.009	-.009	0	0
121	MP BETA1	PX	-.009	-.009	0	0
122	MP ALPHA5	PX	-.009	-.009	0	0
123	MP ALPHA4	PX	-.009	-.009	0	0
124	MP ALPHA3	PX	-.009	-.009	0	0
125	MP ALPHA2	PX	-.009	-.009	0	0
126	MP ALPHA1A	PX	-.009	-.009	0	0
127	MP ALPHA1	PX	-.009	-.009	0	0
128	FACE3	PX	-.007	-.007	0	0
129	FACE1	PX	-.007	-.007	0	0
130	FACE2	PX	-.004	-.004	0	0
131	CR6	PX	-.006	-.006	0	0
132	CR5	PX	-.006	-.006	0	0
133	CR4	PX	-.006	-.006	0	0
134	CR3	PX	-.006	-.006	0	0
135	CR2	PX	-.006	-.006	0	0
136	CR1	PX	-.006	-.006	0	0
137	CORN PL9	PX	-.018	-.018	0	0
138	CORN PL8	PX	-.018	-.018	0	0
139	CORN PL7	PX	-.018	-.018	0	0
140	CORN PL6	PX	-.018	-.018	0	0
141	CORN PL5	PX	-.018	-.018	0	0
142	CORN PL4	PX	-.018	-.018	0	0
143	CORN PL3	PX	-.018	-.018	0	0
144	CORN PL2	PX	-.018	-.018	0	0
145	CORN PL1	PX	-.018	-.018	0	0
146	ANGLE3	PX	-.008	-.008	0	0
147	ANGLE2	PX	-.008	-.008	0	0
148	ANGLE1	PX	-.008	-.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.006	.006	0	0
2	SUP5	PY	.006	.006	0	0
3	SUP4	PY	.006	.006	0	0
4	SUP3	PY	.006	.006	0	0
5	SUP2	PY	.006	.006	0	0
6	SUP1	PY	.006	.006	0	0
7	SO3	PY	.008	.008	0	0
8	SO2	PY	.008	.008	0	0
9	SO1	PY	.008	.008	0	0
10	RAIL3	PY	.006	.006	0	0
11	RAIL1	PY	.006	.006	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
12	RAIL2	PY	.003	.003	0	0
13	R12	PY	.000669	.000669	0	0
14	R11	PY	.000669	.000669	0	0
15	R10	PY	.000669	.000669	0	0
16	R9	PY	.000669	.000669	0	0
17	R8	PY	.000669	.000669	0	0
18	R7	PY	.000669	.000669	0	0
19	R6	PY	.000669	.000669	0	0
20	R5	PY	.000669	.000669	0	0
21	R4	PY	.000669	.000669	0	0
22	R3	PY	.000669	.000669	0	0
23	R2	PY	.000669	.000669	0	0
24	R1	PY	.000669	.000669	0	0
25	PL12	PY	.018	.018	0	0
26	PL11	PY	.018	.018	0	0
27	PL10	PY	.018	.018	0	0
28	PL9	PY	.018	.018	0	0
29	PL8	PY	.018	.018	0	0
30	PL7	PY	.018	.018	0	0
31	PL6	PY	.018	.018	0	0
32	PL5	PY	.018	.018	0	0
33	PL4	PY	.018	.018	0	0
34	PL3	PY	.018	.018	0	0
35	PL2	PY	.018	.018	0	0
36	PL1	PY	.018	.018	0	0
37	MP GAMMA4	PY	.009	.009	0	0
38	MP GAMMA3	PY	.009	.009	0	0
39	MP GAMMA2	PY	.009	.009	0	0
40	MP GAMMA1a	PY	.009	.009	0	0
41	MP GAMMA1	PY	.009	.009	0	0
42	MP BETA5	PY	.009	.009	0	0
43	MP BETA4	PY	.009	.009	0	0
44	MP BETA3	PY	.009	.009	0	0
45	MP BETA2	PY	.009	.009	0	0
46	MP BETA1A	PY	.009	.009	0	0
47	MP BETA1	PY	.009	.009	0	0
48	MP ALPHA5	PY	.009	.009	0	0
49	MP ALPHA4	PY	.009	.009	0	0
50	MP ALPHA3	PY	.009	.009	0	0
51	MP ALPHA2	PY	.009	.009	0	0
52	MP ALPHA1A	PY	.009	.009	0	0
53	MP ALPHA1	PY	.009	.009	0	0
54	FACE3	PY	.007	.007	0	0
55	FACE1	PY	.007	.007	0	0
56	FACE2	PY	.004	.004	0	0
57	CR6	PY	.006	.006	0	0
58	CR5	PY	.006	.006	0	0
59	CR4	PY	.006	.006	0	0
60	CR3	PY	.006	.006	0	0
61	CR2	PY	.006	.006	0	0
62	CR1	PY	.006	.006	0	0
63	CORN PL9	PY	.018	.018	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
64	CORN PL8	PY	.018	.018	0	0
65	CORN PL7	PY	.018	.018	0	0
66	CORN PL6	PY	.018	.018	0	0
67	CORN PL5	PY	.018	.018	0	0
68	CORN PL4	PY	.018	.018	0	0
69	CORN PL3	PY	.018	.018	0	0
70	CORN PL2	PY	.018	.018	0	0
71	CORN PL1	PY	.018	.018	0	0
72	ANGLE3	PY	.008	.008	0	0
73	ANGLE2	PY	.008	.008	0	0
74	ANGLE1	PY	.008	.008	0	0
75	SUP6	PX	-.003	-.003	0	0
76	SUP5	PX	-.003	-.003	0	0
77	SUP4	PX	-.003	-.003	0	0
78	SUP3	PX	-.003	-.003	0	0
79	SUP2	PX	-.003	-.003	0	0
80	SUP1	PX	-.003	-.003	0	0
81	SO3	PX	-.004	-.004	0	0
82	SO2	PX	-.004	-.004	0	0
83	SO1	PX	-.004	-.004	0	0
84	RAIL3	PX	-.004	-.004	0	0
85	RAIL1	PX	-.004	-.004	0	0
86	RAIL2	PX	-.002	-.002	0	0
87	R12	PX	-.000386	-.000386	0	0
88	R11	PX	-.000386	-.000386	0	0
89	R10	PX	-.000386	-.000386	0	0
90	R9	PX	-.000386	-.000386	0	0
91	R8	PX	-.000386	-.000386	0	0
92	R7	PX	-.000386	-.000386	0	0
93	R6	PX	-.000386	-.000386	0	0
94	R5	PX	-.000386	-.000386	0	0
95	R4	PX	-.000386	-.000386	0	0
96	R3	PX	-.000386	-.000386	0	0
97	R2	PX	-.000386	-.000386	0	0
98	R1	PX	-.000386	-.000386	0	0
99	PL12	PX	-.01	-.01	0	0
100	PL11	PX	-.01	-.01	0	0
101	PL10	PX	-.01	-.01	0	0
102	PL9	PX	-.01	-.01	0	0
103	PL8	PX	-.01	-.01	0	0
104	PL7	PX	-.01	-.01	0	0
105	PL6	PX	-.01	-.01	0	0
106	PL5	PX	-.01	-.01	0	0
107	PL4	PX	-.01	-.01	0	0
108	PL3	PX	-.01	-.01	0	0
109	PL2	PX	-.01	-.01	0	0
110	PL1	PX	-.01	-.01	0	0
111	MP GAMMA4	PX	-.005	-.005	0	0
112	MP GAMMA3	PX	-.005	-.005	0	0
113	MP GAMMA2	PX	-.005	-.005	0	0
114	MP GAMMA1a	PX	-.005	-.005	0	0
115	MP GAMMA1	PX	-.005	-.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
116	MP BETA5	PX	-.005	-.005	0	0
117	MP BETA4	PX	-.005	-.005	0	0
118	MP BETA3	PX	-.005	-.005	0	0
119	MP BETA2	PX	-.005	-.005	0	0
120	MP BETA1A	PX	-.005	-.005	0	0
121	MP BETA1	PX	-.005	-.005	0	0
122	MP ALPHA5	PX	-.005	-.005	0	0
123	MP ALPHA4	PX	-.005	-.005	0	0
124	MP ALPHA3	PX	-.005	-.005	0	0
125	MP ALPHA2	PX	-.005	-.005	0	0
126	MP ALPHA1A	PX	-.005	-.005	0	0
127	MP ALPHA1	PX	-.005	-.005	0	0
128	FACE3	PX	-.004	-.004	0	0
129	FACE1	PX	-.004	-.004	0	0
130	FACE2	PX	-.002	-.002	0	0
131	CR6	PX	-.003	-.003	0	0
132	CR5	PX	-.003	-.003	0	0
133	CR4	PX	-.003	-.003	0	0
134	CR3	PX	-.003	-.003	0	0
135	CR2	PX	-.003	-.003	0	0
136	CR1	PX	-.003	-.003	0	0
137	CORN PL9	PX	-.01	-.01	0	0
138	CORN PL8	PX	-.01	-.01	0	0
139	CORN PL7	PX	-.01	-.01	0	0
140	CORN PL6	PX	-.01	-.01	0	0
141	CORN PL5	PX	-.01	-.01	0	0
142	CORN PL4	PX	-.01	-.01	0	0
143	CORN PL3	PX	-.01	-.01	0	0
144	CORN PL2	PX	-.01	-.01	0	0
145	CORN PL1	PX	-.01	-.01	0	0
146	ANGLE3	PX	-.004	-.004	0	0
147	ANGLE2	PX	-.004	-.004	0	0
148	ANGLE1	PX	-.004	-.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.007	.007	0	0
2	SUP5	PY	.007	.007	0	0
3	SUP4	PY	.007	.007	0	0
4	SUP3	PY	.007	.007	0	0
5	SUP2	PY	.007	.007	0	0
6	SUP1	PY	.007	.007	0	0
7	SO3	PY	.009	.009	0	0
8	SO2	PY	.009	.009	0	0
9	SO1	PY	.009	.009	0	0
10	RAIL3	PY	.007	.007	0	0
11	RAIL1	PY	.007	.007	0	0
12	RAIL2	PY	.004	.004	0	0
13	R12	PY	.000772	.000772	0	0
14	R11	PY	.000772	.000772	0	0
15	R10	PY	.000772	.000772	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
16	R9	PY	.000772	.000772	0	0
17	R8	PY	.000772	.000772	0	0
18	R7	PY	.000772	.000772	0	0
19	R6	PY	.000772	.000772	0	0
20	R5	PY	.000772	.000772	0	0
21	R4	PY	.000772	.000772	0	0
22	R3	PY	.000772	.000772	0	0
23	R2	PY	.000772	.000772	0	0
24	R1	PY	.000772	.000772	0	0
25	PL12	PY	.021	.021	0	0
26	PL11	PY	.021	.021	0	0
27	PL10	PY	.021	.021	0	0
28	PL9	PY	.021	.021	0	0
29	PL8	PY	.021	.021	0	0
30	PL7	PY	.021	.021	0	0
31	PL6	PY	.021	.021	0	0
32	PL5	PY	.021	.021	0	0
33	PL4	PY	.021	.021	0	0
34	PL3	PY	.021	.021	0	0
35	PL2	PY	.021	.021	0	0
36	PL1	PY	.021	.021	0	0
37	MP GAMMA4	PY	.01	.01	0	0
38	MP GAMMA3	PY	.01	.01	0	0
39	MP GAMMA2	PY	.01	.01	0	0
40	MP GAMMA1a	PY	.01	.01	0	0
41	MP GAMMA1	PY	.01	.01	0	0
42	MP BETA5	PY	.01	.01	0	0
43	MP BETA4	PY	.01	.01	0	0
44	MP BETA3	PY	.01	.01	0	0
45	MP BETA2	PY	.01	.01	0	0
46	MP BETA1A	PY	.01	.01	0	0
47	MP BETA1	PY	.01	.01	0	0
48	MP ALPHA5	PY	.01	.01	0	0
49	MP ALPHA4	PY	.01	.01	0	0
50	MP ALPHA3	PY	.01	.01	0	0
51	MP ALPHA2	PY	.01	.01	0	0
52	MP ALPHA1A	PY	.01	.01	0	0
53	MP ALPHA1	PY	.01	.01	0	0
54	FACE3	PY	.009	.009	0	0
55	FACE1	PY	.009	.009	0	0
56	FACE2	PY	.004	.004	0	0
57	CR6	PY	.007	.007	0	0
58	CR5	PY	.007	.007	0	0
59	CR4	PY	.007	.007	0	0
60	CR3	PY	.007	.007	0	0
61	CR2	PY	.007	.007	0	0
62	CR1	PY	.007	.007	0	0
63	CORN PL9	PY	.021	.021	0	0
64	CORN PL8	PY	.021	.021	0	0
65	CORN PL7	PY	.021	.021	0	0
66	CORN PL6	PY	.021	.021	0	0
67	CORN PL5	PY	.021	.021	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
68	CORN PL4	PY	.021	.021	0	0
69	CORN PL3	PY	.021	.021	0	0
70	CORN PL2	PY	.021	.021	0	0
71	CORN PL1	PY	.021	.021	0	0
72	ANGLE3	PY	.009	.009	0	0
73	ANGLE2	PY	.009	.009	0	0
74	ANGLE1	PY	.009	.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.006	.006	0	0
2	SUP5	PY	.006	.006	0	0
3	SUP4	PY	.006	.006	0	0
4	SUP3	PY	.006	.006	0	0
5	SUP2	PY	.006	.006	0	0
6	SUP1	PY	.006	.006	0	0
7	SO3	PY	.008	.008	0	0
8	SO2	PY	.008	.008	0	0
9	SO1	PY	.008	.008	0	0
10	RAIL1	PY	.006	.006	0	0
11	RAIL2	PY	.006	.006	0	0
12	RAIL3	PY	.003	.003	0	0
13	R12	PY	.000669	.000669	0	0
14	R11	PY	.000669	.000669	0	0
15	R10	PY	.000669	.000669	0	0
16	R9	PY	.000669	.000669	0	0
17	R8	PY	.000669	.000669	0	0
18	R7	PY	.000669	.000669	0	0
19	R6	PY	.000669	.000669	0	0
20	R5	PY	.000669	.000669	0	0
21	R4	PY	.000669	.000669	0	0
22	R3	PY	.000669	.000669	0	0
23	R2	PY	.000669	.000669	0	0
24	R1	PY	.000669	.000669	0	0
25	PL12	PY	.018	.018	0	0
26	PL11	PY	.018	.018	0	0
27	PL10	PY	.018	.018	0	0
28	PL9	PY	.018	.018	0	0
29	PL8	PY	.018	.018	0	0
30	PL7	PY	.018	.018	0	0
31	PL6	PY	.018	.018	0	0
32	PL5	PY	.018	.018	0	0
33	PL4	PY	.018	.018	0	0
34	PL3	PY	.018	.018	0	0
35	PL2	PY	.018	.018	0	0
36	PL1	PY	.018	.018	0	0
37	MP GAMMA4	PY	.009	.009	0	0
38	MP GAMMA3	PY	.009	.009	0	0
39	MP GAMMA2	PY	.009	.009	0	0
40	MP GAMMA1a	PY	.009	.009	0	0
41	MP GAMMA1	PY	.009	.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
42	MP BETA5	PY	.009	.009	0	0
43	MP BETA4	PY	.009	.009	0	0
44	MP BETA3	PY	.009	.009	0	0
45	MP BETA2	PY	.009	.009	0	0
46	MP BETA1A	PY	.009	.009	0	0
47	MP BETA1	PY	.009	.009	0	0
48	MP ALPHA5	PY	.009	.009	0	0
49	MP ALPHA4	PY	.009	.009	0	0
50	MP ALPHA3	PY	.009	.009	0	0
51	MP ALPHA2	PY	.009	.009	0	0
52	MP ALPHA1A	PY	.009	.009	0	0
53	MP ALPHA1	PY	.009	.009	0	0
54	FACE1	PY	.007	.007	0	0
55	FACE2	PY	.007	.007	0	0
56	FACE3	PY	.004	.004	0	0
57	CR6	PY	.006	.006	0	0
58	CR5	PY	.006	.006	0	0
59	CR4	PY	.006	.006	0	0
60	CR3	PY	.006	.006	0	0
61	CR2	PY	.006	.006	0	0
62	CR1	PY	.006	.006	0	0
63	CORN PL9	PY	.018	.018	0	0
64	CORN PL8	PY	.018	.018	0	0
65	CORN PL7	PY	.018	.018	0	0
66	CORN PL6	PY	.018	.018	0	0
67	CORN PL5	PY	.018	.018	0	0
68	CORN PL4	PY	.018	.018	0	0
69	CORN PL3	PY	.018	.018	0	0
70	CORN PL2	PY	.018	.018	0	0
71	CORN PL1	PY	.018	.018	0	0
72	ANGLE3	PY	.008	.008	0	0
73	ANGLE2	PY	.008	.008	0	0
74	ANGLE1	PY	.008	.008	0	0
75	SUP6	PX	.003	.003	0	0
76	SUP5	PX	.003	.003	0	0
77	SUP4	PX	.003	.003	0	0
78	SUP3	PX	.003	.003	0	0
79	SUP2	PX	.003	.003	0	0
80	SUP1	PX	.003	.003	0	0
81	SO3	PX	.004	.004	0	0
82	SO2	PX	.004	.004	0	0
83	SO1	PX	.004	.004	0	0
84	RAIL1	PX	.004	.004	0	0
85	RAIL2	PX	.004	.004	0	0
86	RAIL3	PX	.002	.002	0	0
87	R12	PX	.000386	.000386	0	0
88	R11	PX	.000386	.000386	0	0
89	R10	PX	.000386	.000386	0	0
90	R9	PX	.000386	.000386	0	0
91	R8	PX	.000386	.000386	0	0
92	R7	PX	.000386	.000386	0	0
93	R6	PX	.000386	.000386	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
94	R5	PX	.000386	.000386	0	0
95	R4	PX	.000386	.000386	0	0
96	R3	PX	.000386	.000386	0	0
97	R2	PX	.000386	.000386	0	0
98	R1	PX	.000386	.000386	0	0
99	PL12	PX	.01	.01	0	0
100	PL11	PX	.01	.01	0	0
101	PL10	PX	.01	.01	0	0
102	PL9	PX	.01	.01	0	0
103	PL8	PX	.01	.01	0	0
104	PL7	PX	.01	.01	0	0
105	PL6	PX	.01	.01	0	0
106	PL5	PX	.01	.01	0	0
107	PL4	PX	.01	.01	0	0
108	PL3	PX	.01	.01	0	0
109	PL2	PX	.01	.01	0	0
110	PL1	PX	.01	.01	0	0
111	MP GAMMA4	PX	.005	.005	0	0
112	MP GAMMA3	PX	.005	.005	0	0
113	MP GAMMA2	PX	.005	.005	0	0
114	MP GAMMA1a	PX	.005	.005	0	0
115	MP GAMMA1	PX	.005	.005	0	0
116	MP BETA5	PX	.005	.005	0	0
117	MP BETA4	PX	.005	.005	0	0
118	MP BETA3	PX	.005	.005	0	0
119	MP BETA2	PX	.005	.005	0	0
120	MP BETA1A	PX	.005	.005	0	0
121	MP BETA1	PX	.005	.005	0	0
122	MP ALPHA5	PX	.005	.005	0	0
123	MP ALPHA4	PX	.005	.005	0	0
124	MP ALPHA3	PX	.005	.005	0	0
125	MP ALPHA2	PX	.005	.005	0	0
126	MP ALPHA1A	PX	.005	.005	0	0
127	MP ALPHA1	PX	.005	.005	0	0
128	FACE1	PX	.004	.004	0	0
129	FACE2	PX	.004	.004	0	0
130	FACE3	PX	.002	.002	0	0
131	CR6	PX	.003	.003	0	0
132	CR5	PX	.003	.003	0	0
133	CR4	PX	.003	.003	0	0
134	CR3	PX	.003	.003	0	0
135	CR2	PX	.003	.003	0	0
136	CR1	PX	.003	.003	0	0
137	CORN PL9	PX	.01	.01	0	0
138	CORN PL8	PX	.01	.01	0	0
139	CORN PL7	PX	.01	.01	0	0
140	CORN PL6	PX	.01	.01	0	0
141	CORN PL5	PX	.01	.01	0	0
142	CORN PL4	PX	.01	.01	0	0
143	CORN PL3	PX	.01	.01	0	0
144	CORN PL2	PX	.01	.01	0	0
145	CORN PL1	PX	.01	.01	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
146	ANGLE3	PX	.004	.004	0	0
147	ANGLE2	PX	.004	.004	0	0
148	ANGLE1	PX	.004	.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.003	.003	0	0
2	SUP5	PY	.003	.003	0	0
3	SUP4	PY	.003	.003	0	0
4	SUP3	PY	.003	.003	0	0
5	SUP2	PY	.003	.003	0	0
6	SUP1	PY	.003	.003	0	0
7	SO3	PY	.004	.004	0	0
8	SO2	PY	.004	.004	0	0
9	SO1	PY	.004	.004	0	0
10	RAIL1	PY	.004	.004	0	0
11	RAIL2	PY	.004	.004	0	0
12	RAIL3	PY	.002	.002	0	0
13	R12	PY	.000386	.000386	0	0
14	R11	PY	.000386	.000386	0	0
15	R10	PY	.000386	.000386	0	0
16	R9	PY	.000386	.000386	0	0
17	R8	PY	.000386	.000386	0	0
18	R7	PY	.000386	.000386	0	0
19	R6	PY	.000386	.000386	0	0
20	R5	PY	.000386	.000386	0	0
21	R4	PY	.000386	.000386	0	0
22	R3	PY	.000386	.000386	0	0
23	R2	PY	.000386	.000386	0	0
24	R1	PY	.000386	.000386	0	0
25	PL12	PY	.01	.01	0	0
26	PL11	PY	.01	.01	0	0
27	PL10	PY	.01	.01	0	0
28	PL9	PY	.01	.01	0	0
29	PL8	PY	.01	.01	0	0
30	PL7	PY	.01	.01	0	0
31	PL6	PY	.01	.01	0	0
32	PL5	PY	.01	.01	0	0
33	PL4	PY	.01	.01	0	0
34	PL3	PY	.01	.01	0	0
35	PL2	PY	.01	.01	0	0
36	PL1	PY	.01	.01	0	0
37	MP GAMMA4	PY	.005	.005	0	0
38	MP GAMMA3	PY	.005	.005	0	0
39	MP GAMMA2	PY	.005	.005	0	0
40	MP GAMMA1a	PY	.005	.005	0	0
41	MP GAMMA1	PY	.005	.005	0	0
42	MP BETA5	PY	.005	.005	0	0
43	MP BETA4	PY	.005	.005	0	0
44	MP BETA3	PY	.005	.005	0	0
45	MP BETA2	PY	.005	.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
46	MP BETA1A	PY	.005	.005	0	0
47	MP BETA1	PY	.005	.005	0	0
48	MP ALPHA5	PY	.005	.005	0	0
49	MP ALPHA4	PY	.005	.005	0	0
50	MP ALPHA3	PY	.005	.005	0	0
51	MP ALPHA2	PY	.005	.005	0	0
52	MP ALPHA1A	PY	.005	.005	0	0
53	MP ALPHA1	PY	.005	.005	0	0
54	FACE1	PY	.004	.004	0	0
55	FACE2	PY	.004	.004	0	0
56	FACE3	PY	.002	.002	0	0
57	CR6	PY	.003	.003	0	0
58	CR5	PY	.003	.003	0	0
59	CR4	PY	.003	.003	0	0
60	CR3	PY	.003	.003	0	0
61	CR2	PY	.003	.003	0	0
62	CR1	PY	.003	.003	0	0
63	CORN PL9	PY	.01	.01	0	0
64	CORN PL8	PY	.01	.01	0	0
65	CORN PL7	PY	.01	.01	0	0
66	CORN PL6	PY	.01	.01	0	0
67	CORN PL5	PY	.01	.01	0	0
68	CORN PL4	PY	.01	.01	0	0
69	CORN PL3	PY	.01	.01	0	0
70	CORN PL2	PY	.01	.01	0	0
71	CORN PL1	PY	.01	.01	0	0
72	ANGLE3	PY	.004	.004	0	0
73	ANGLE2	PY	.004	.004	0	0
74	ANGLE1	PY	.004	.004	0	0
75	SUP6	PX	.006	.006	0	0
76	SUP5	PX	.006	.006	0	0
77	SUP4	PX	.006	.006	0	0
78	SUP3	PX	.006	.006	0	0
79	SUP2	PX	.006	.006	0	0
80	SUP1	PX	.006	.006	0	0
81	SO3	PX	.008	.008	0	0
82	SO2	PX	.008	.008	0	0
83	SO1	PX	.008	.008	0	0
84	RAIL1	PX	.006	.006	0	0
85	RAIL2	PX	.006	.006	0	0
86	RAIL3	PX	.003	.003	0	0
87	R12	PX	.000669	.000669	0	0
88	R11	PX	.000669	.000669	0	0
89	R10	PX	.000669	.000669	0	0
90	R9	PX	.000669	.000669	0	0
91	R8	PX	.000669	.000669	0	0
92	R7	PX	.000669	.000669	0	0
93	R6	PX	.000669	.000669	0	0
94	R5	PX	.000669	.000669	0	0
95	R4	PX	.000669	.000669	0	0
96	R3	PX	.000669	.000669	0	0
97	R2	PX	.000669	.000669	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
98	R1	PX	.000669	.000669	0	0
99	PL12	PX	.018	.018	0	0
100	PL11	PX	.018	.018	0	0
101	PL10	PX	.018	.018	0	0
102	PL9	PX	.018	.018	0	0
103	PL8	PX	.018	.018	0	0
104	PL7	PX	.018	.018	0	0
105	PL6	PX	.018	.018	0	0
106	PL5	PX	.018	.018	0	0
107	PL4	PX	.018	.018	0	0
108	PL3	PX	.018	.018	0	0
109	PL2	PX	.018	.018	0	0
110	PL1	PX	.018	.018	0	0
111	MP GAMMA4	PX	.009	.009	0	0
112	MP GAMMA3	PX	.009	.009	0	0
113	MP GAMMA2	PX	.009	.009	0	0
114	MP GAMMA1a	PX	.009	.009	0	0
115	MP GAMMA1	PX	.009	.009	0	0
116	MP BETA5	PX	.009	.009	0	0
117	MP BETA4	PX	.009	.009	0	0
118	MP BETA3	PX	.009	.009	0	0
119	MP BETA2	PX	.009	.009	0	0
120	MP BETA1A	PX	.009	.009	0	0
121	MP BETA1	PX	.009	.009	0	0
122	MP ALPHA5	PX	.009	.009	0	0
123	MP ALPHA4	PX	.009	.009	0	0
124	MP ALPHA3	PX	.009	.009	0	0
125	MP ALPHA2	PX	.009	.009	0	0
126	MP ALPHA1A	PX	.009	.009	0	0
127	MP ALPHA1	PX	.009	.009	0	0
128	FACE1	PX	.007	.007	0	0
129	FACE2	PX	.007	.007	0	0
130	FACE3	PX	.004	.004	0	0
131	CR6	PX	.006	.006	0	0
132	CR5	PX	.006	.006	0	0
133	CR4	PX	.006	.006	0	0
134	CR3	PX	.006	.006	0	0
135	CR2	PX	.006	.006	0	0
136	CR1	PX	.006	.006	0	0
137	CORN PL9	PX	.018	.018	0	0
138	CORN PL8	PX	.018	.018	0	0
139	CORN PL7	PX	.018	.018	0	0
140	CORN PL6	PX	.018	.018	0	0
141	CORN PL5	PX	.018	.018	0	0
142	CORN PL4	PX	.018	.018	0	0
143	CORN PL3	PX	.018	.018	0	0
144	CORN PL2	PX	.018	.018	0	0
145	CORN PL1	PX	.018	.018	0	0
146	ANGLE3	PX	.008	.008	0	0
147	ANGLE2	PX	.008	.008	0	0
148	ANGLE1	PX	.008	.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PX	.007	.007	0	0
2	SUP5	PX	.007	.007	0	0
3	SUP4	PX	.007	.007	0	0
4	SUP3	PX	.007	.007	0	0
5	SUP2	PX	.007	.007	0	0
6	SUP1	PX	.007	.007	0	0
7	SO3	PX	.009	.009	0	0
8	SO2	PX	.009	.009	0	0
9	SO1	PX	.009	.009	0	0
10	RAIL1	PX	.007	.007	0	0
11	RAIL2	PX	.007	.007	0	0
12	RAIL3	PX	.004	.004	0	0
13	R12	PX	.000772	.000772	0	0
14	R11	PX	.000772	.000772	0	0
15	R10	PX	.000772	.000772	0	0
16	R9	PX	.000772	.000772	0	0
17	R8	PX	.000772	.000772	0	0
18	R7	PX	.000772	.000772	0	0
19	R6	PX	.000772	.000772	0	0
20	R5	PX	.000772	.000772	0	0
21	R4	PX	.000772	.000772	0	0
22	R3	PX	.000772	.000772	0	0
23	R2	PX	.000772	.000772	0	0
24	R1	PX	.000772	.000772	0	0
25	PL12	PX	.021	.021	0	0
26	PL11	PX	.021	.021	0	0
27	PL10	PX	.021	.021	0	0
28	PL9	PX	.021	.021	0	0
29	PL8	PX	.021	.021	0	0
30	PL7	PX	.021	.021	0	0
31	PL6	PX	.021	.021	0	0
32	PL5	PX	.021	.021	0	0
33	PL4	PX	.021	.021	0	0
34	PL3	PX	.021	.021	0	0
35	PL2	PX	.021	.021	0	0
36	PL1	PX	.021	.021	0	0
37	MP GAMMA4	PX	.01	.01	0	0
38	MP GAMMA3	PX	.01	.01	0	0
39	MP GAMMA2	PX	.01	.01	0	0
40	MP GAMMA1a	PX	.01	.01	0	0
41	MP GAMMA1	PX	.01	.01	0	0
42	MP BETA5	PX	.01	.01	0	0
43	MP BETA4	PX	.01	.01	0	0
44	MP BETA3	PX	.01	.01	0	0
45	MP BETA2	PX	.01	.01	0	0
46	MP BETA1A	PX	.01	.01	0	0
47	MP BETA1	PX	.01	.01	0	0
48	MP ALPHA5	PX	.01	.01	0	0
49	MP ALPHA4	PX	.01	.01	0	0
50	MP ALPHA3	PX	.01	.01	0	0
51	MP ALPHA2	PX	.01	.01	0	0
52	MP ALPHA1A	PX	.01	.01	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
53	MP ALPHA1	PX	.01	.01	0	0
54	FACE1	PX	.009	.009	0	0
55	FACE2	PX	.009	.009	0	0
56	FACE3	PX	.004	.004	0	0
57	CR6	PX	.007	.007	0	0
58	CR5	PX	.007	.007	0	0
59	CR4	PX	.007	.007	0	0
60	CR3	PX	.007	.007	0	0
61	CR2	PX	.007	.007	0	0
62	CR1	PX	.007	.007	0	0
63	CORN PL9	PX	.021	.021	0	0
64	CORN PL8	PX	.021	.021	0	0
65	CORN PL7	PX	.021	.021	0	0
66	CORN PL6	PX	.021	.021	0	0
67	CORN PL5	PX	.021	.021	0	0
68	CORN PL4	PX	.021	.021	0	0
69	CORN PL3	PX	.021	.021	0	0
70	CORN PL2	PX	.021	.021	0	0
71	CORN PL1	PX	.021	.021	0	0
72	ANGLE3	PX	.009	.009	0	0
73	ANGLE2	PX	.009	.009	0	0
74	ANGLE1	PX	.009	.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.003	-.003	0	0
2	SUP5	PY	-.003	-.003	0	0
3	SUP4	PY	-.003	-.003	0	0
4	SUP3	PY	-.003	-.003	0	0
5	SUP2	PY	-.003	-.003	0	0
6	SUP1	PY	-.003	-.003	0	0
7	SO3	PY	-.004	-.004	0	0
8	SO2	PY	-.004	-.004	0	0
9	SO1	PY	-.004	-.004	0	0
10	RAIL1	PY	-.004	-.004	0	0
11	RAIL2	PY	-.004	-.004	0	0
12	RAIL3	PY	-.002	-.002	0	0
13	R12	PY	-.000386	-.000386	0	0
14	R11	PY	-.000386	-.000386	0	0
15	R10	PY	-.000386	-.000386	0	0
16	R9	PY	-.000386	-.000386	0	0
17	R8	PY	-.000386	-.000386	0	0
18	R7	PY	-.000386	-.000386	0	0
19	R6	PY	-.000386	-.000386	0	0
20	R5	PY	-.000386	-.000386	0	0
21	R4	PY	-.000386	-.000386	0	0
22	R3	PY	-.000386	-.000386	0	0
23	R2	PY	-.000386	-.000386	0	0
24	R1	PY	-.000386	-.000386	0	0
25	PL12	PY	-.01	-.01	0	0
26	PL11	PY	-.01	-.01	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
27	PL10	PY	-.01	-.01	0	0
28	PL9	PY	-.01	-.01	0	0
29	PL8	PY	-.01	-.01	0	0
30	PL7	PY	-.01	-.01	0	0
31	PL6	PY	-.01	-.01	0	0
32	PL5	PY	-.01	-.01	0	0
33	PL4	PY	-.01	-.01	0	0
34	PL3	PY	-.01	-.01	0	0
35	PL2	PY	-.01	-.01	0	0
36	PL1	PY	-.01	-.01	0	0
37	MP GAMMA4	PY	-.005	-.005	0	0
38	MP GAMMA3	PY	-.005	-.005	0	0
39	MP GAMMA2	PY	-.005	-.005	0	0
40	MP GAMMA1a	PY	-.005	-.005	0	0
41	MP GAMMA1	PY	-.005	-.005	0	0
42	MP BETA5	PY	-.005	-.005	0	0
43	MP BETA4	PY	-.005	-.005	0	0
44	MP BETA3	PY	-.005	-.005	0	0
45	MP BETA2	PY	-.005	-.005	0	0
46	MP BETA1A	PY	-.005	-.005	0	0
47	MP BETA1	PY	-.005	-.005	0	0
48	MP ALPHA5	PY	-.005	-.005	0	0
49	MP ALPHA4	PY	-.005	-.005	0	0
50	MP ALPHA3	PY	-.005	-.005	0	0
51	MP ALPHA2	PY	-.005	-.005	0	0
52	MP ALPHA1A	PY	-.005	-.005	0	0
53	MP ALPHA1	PY	-.005	-.005	0	0
54	FACE1	PY	-.004	-.004	0	0
55	FACE2	PY	-.004	-.004	0	0
56	FACE3	PY	-.002	-.002	0	0
57	CR6	PY	-.003	-.003	0	0
58	CR5	PY	-.003	-.003	0	0
59	CR4	PY	-.003	-.003	0	0
60	CR3	PY	-.003	-.003	0	0
61	CR2	PY	-.003	-.003	0	0
62	CR1	PY	-.003	-.003	0	0
63	CORN PL9	PY	-.01	-.01	0	0
64	CORN PL8	PY	-.01	-.01	0	0
65	CORN PL7	PY	-.01	-.01	0	0
66	CORN PL6	PY	-.01	-.01	0	0
67	CORN PL5	PY	-.01	-.01	0	0
68	CORN PL4	PY	-.01	-.01	0	0
69	CORN PL3	PY	-.01	-.01	0	0
70	CORN PL2	PY	-.01	-.01	0	0
71	CORN PL1	PY	-.01	-.01	0	0
72	ANGLE3	PY	-.004	-.004	0	0
73	ANGLE2	PY	-.004	-.004	0	0
74	ANGLE1	PY	-.004	-.004	0	0
75	SUP6	PX	.006	.006	0	0
76	SUP5	PX	.006	.006	0	0
77	SUP4	PX	.006	.006	0	0
78	SUP3	PX	.006	.006	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
79	SUP2	PX	.006	.006	0	0
80	SUP1	PX	.006	.006	0	0
81	SO3	PX	.008	.008	0	0
82	SO2	PX	.008	.008	0	0
83	SO1	PX	.008	.008	0	0
84	RAIL1	PX	.006	.006	0	0
85	RAIL2	PX	.006	.006	0	0
86	RAIL3	PX	.003	.003	0	0
87	R12	PX	.000669	.000669	0	0
88	R11	PX	.000669	.000669	0	0
89	R10	PX	.000669	.000669	0	0
90	R9	PX	.000669	.000669	0	0
91	R8	PX	.000669	.000669	0	0
92	R7	PX	.000669	.000669	0	0
93	R6	PX	.000669	.000669	0	0
94	R5	PX	.000669	.000669	0	0
95	R4	PX	.000669	.000669	0	0
96	R3	PX	.000669	.000669	0	0
97	R2	PX	.000669	.000669	0	0
98	R1	PX	.000669	.000669	0	0
99	PL12	PX	.018	.018	0	0
100	PL11	PX	.018	.018	0	0
101	PL10	PX	.018	.018	0	0
102	PL9	PX	.018	.018	0	0
103	PL8	PX	.018	.018	0	0
104	PL7	PX	.018	.018	0	0
105	PL6	PX	.018	.018	0	0
106	PL5	PX	.018	.018	0	0
107	PL4	PX	.018	.018	0	0
108	PL3	PX	.018	.018	0	0
109	PL2	PX	.018	.018	0	0
110	PL1	PX	.018	.018	0	0
111	MP GAMMA4	PX	.009	.009	0	0
112	MP GAMMA3	PX	.009	.009	0	0
113	MP GAMMA2	PX	.009	.009	0	0
114	MP GAMMA1a	PX	.009	.009	0	0
115	MP GAMMA1	PX	.009	.009	0	0
116	MP BETA5	PX	.009	.009	0	0
117	MP BETA4	PX	.009	.009	0	0
118	MP BETA3	PX	.009	.009	0	0
119	MP BETA2	PX	.009	.009	0	0
120	MP BETA1A	PX	.009	.009	0	0
121	MP BETA1	PX	.009	.009	0	0
122	MP ALPHA5	PX	.009	.009	0	0
123	MP ALPHA4	PX	.009	.009	0	0
124	MP ALPHA3	PX	.009	.009	0	0
125	MP ALPHA2	PX	.009	.009	0	0
126	MP ALPHA1A	PX	.009	.009	0	0
127	MP ALPHA1	PX	.009	.009	0	0
128	FACE1	PX	.007	.007	0	0
129	FACE2	PX	.007	.007	0	0
130	FACE3	PX	.004	.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
131	CR6	PX	.006	.006	0	0
132	CR5	PX	.006	.006	0	0
133	CR4	PX	.006	.006	0	0
134	CR3	PX	.006	.006	0	0
135	CR2	PX	.006	.006	0	0
136	CR1	PX	.006	.006	0	0
137	CORN PL9	PX	.018	.018	0	0
138	CORN PL8	PX	.018	.018	0	0
139	CORN PL7	PX	.018	.018	0	0
140	CORN PL6	PX	.018	.018	0	0
141	CORN PL5	PX	.018	.018	0	0
142	CORN PL4	PX	.018	.018	0	0
143	CORN PL3	PX	.018	.018	0	0
144	CORN PL2	PX	.018	.018	0	0
145	CORN PL1	PX	.018	.018	0	0
146	ANGLE3	PX	.008	.008	0	0
147	ANGLE2	PX	.008	.008	0	0
148	ANGLE1	PX	.008	.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.006	-.006	0	0
2	SUP5	PY	-.006	-.006	0	0
3	SUP4	PY	-.006	-.006	0	0
4	SUP3	PY	-.006	-.006	0	0
5	SUP2	PY	-.006	-.006	0	0
6	SUP1	PY	-.006	-.006	0	0
7	SO3	PY	-.008	-.008	0	0
8	SO2	PY	-.008	-.008	0	0
9	SO1	PY	-.008	-.008	0	0
10	RAIL3	PY	-.006	-.006	0	0
11	RAIL2	PY	-.006	-.006	0	0
12	RAIL1	PY	-.003	-.003	0	0
13	R12	PY	-.000669	-.000669	0	0
14	R11	PY	-.000669	-.000669	0	0
15	R10	PY	-.000669	-.000669	0	0
16	R9	PY	-.000669	-.000669	0	0
17	R8	PY	-.000669	-.000669	0	0
18	R7	PY	-.000669	-.000669	0	0
19	R6	PY	-.000669	-.000669	0	0
20	R5	PY	-.000669	-.000669	0	0
21	R4	PY	-.000669	-.000669	0	0
22	R3	PY	-.000669	-.000669	0	0
23	R2	PY	-.000669	-.000669	0	0
24	R1	PY	-.000669	-.000669	0	0
25	PL12	PY	-.018	-.018	0	0
26	PL11	PY	-.018	-.018	0	0
27	PL10	PY	-.018	-.018	0	0
28	PL9	PY	-.018	-.018	0	0
29	PL8	PY	-.018	-.018	0	0
30	PL7	PY	-.018	-.018	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
31	PL6	PY	-.018	-.018	0	0
32	PL5	PY	-.018	-.018	0	0
33	PL4	PY	-.018	-.018	0	0
34	PL3	PY	-.018	-.018	0	0
35	PL2	PY	-.018	-.018	0	0
36	PL1	PY	-.018	-.018	0	0
37	MP GAMMA4	PY	-.009	-.009	0	0
38	MP GAMMA3	PY	-.009	-.009	0	0
39	MP GAMMA2	PY	-.009	-.009	0	0
40	MP GAMMA1a	PY	-.009	-.009	0	0
41	MP GAMMA1	PY	-.009	-.009	0	0
42	MP BETA5	PY	-.009	-.009	0	0
43	MP BETA4	PY	-.009	-.009	0	0
44	MP BETA3	PY	-.009	-.009	0	0
45	MP BETA2	PY	-.009	-.009	0	0
46	MP BETA1A	PY	-.009	-.009	0	0
47	MP BETA1	PY	-.009	-.009	0	0
48	MP ALPHA5	PY	-.009	-.009	0	0
49	MP ALPHA4	PY	-.009	-.009	0	0
50	MP ALPHA3	PY	-.009	-.009	0	0
51	MP ALPHA2	PY	-.009	-.009	0	0
52	MP ALPHA1A	PY	-.009	-.009	0	0
53	MP ALPHA1	PY	-.009	-.009	0	0
54	FACE3	PY	-.007	-.007	0	0
55	FACE2	PY	-.007	-.007	0	0
56	FACE1	PY	-.004	-.004	0	0
57	CR6	PY	-.006	-.006	0	0
58	CR5	PY	-.006	-.006	0	0
59	CR4	PY	-.006	-.006	0	0
60	CR3	PY	-.006	-.006	0	0
61	CR2	PY	-.006	-.006	0	0
62	CR1	PY	-.006	-.006	0	0
63	CORN PL9	PY	-.018	-.018	0	0
64	CORN PL8	PY	-.018	-.018	0	0
65	CORN PL7	PY	-.018	-.018	0	0
66	CORN PL6	PY	-.018	-.018	0	0
67	CORN PL5	PY	-.018	-.018	0	0
68	CORN PL4	PY	-.018	-.018	0	0
69	CORN PL3	PY	-.018	-.018	0	0
70	CORN PL2	PY	-.018	-.018	0	0
71	CORN PL1	PY	-.018	-.018	0	0
72	ANGLE3	PY	-.008	-.008	0	0
73	ANGLE2	PY	-.008	-.008	0	0
74	ANGLE1	PY	-.008	-.008	0	0
75	SUP6	PX	.003	.003	0	0
76	SUP5	PX	.003	.003	0	0
77	SUP4	PX	.003	.003	0	0
78	SUP3	PX	.003	.003	0	0
79	SUP2	PX	.003	.003	0	0
80	SUP1	PX	.003	.003	0	0
81	SO3	PX	.004	.004	0	0
82	SO2	PX	.004	.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
83	SO1	PX	.004	.004	0	0
84	RAIL3	PX	.004	.004	0	0
85	RAIL2	PX	.004	.004	0	0
86	RAIL1	PX	.002	.002	0	0
87	R12	PX	.000386	.000386	0	0
88	R11	PX	.000386	.000386	0	0
89	R10	PX	.000386	.000386	0	0
90	R9	PX	.000386	.000386	0	0
91	R8	PX	.000386	.000386	0	0
92	R7	PX	.000386	.000386	0	0
93	R6	PX	.000386	.000386	0	0
94	R5	PX	.000386	.000386	0	0
95	R4	PX	.000386	.000386	0	0
96	R3	PX	.000386	.000386	0	0
97	R2	PX	.000386	.000386	0	0
98	R1	PX	.000386	.000386	0	0
99	PL12	PX	.01	.01	0	0
100	PL11	PX	.01	.01	0	0
101	PL10	PX	.01	.01	0	0
102	PL9	PX	.01	.01	0	0
103	PL8	PX	.01	.01	0	0
104	PL7	PX	.01	.01	0	0
105	PL6	PX	.01	.01	0	0
106	PL5	PX	.01	.01	0	0
107	PL4	PX	.01	.01	0	0
108	PL3	PX	.01	.01	0	0
109	PL2	PX	.01	.01	0	0
110	PL1	PX	.01	.01	0	0
111	MP GAMMA4	PX	.005	.005	0	0
112	MP GAMMA3	PX	.005	.005	0	0
113	MP GAMMA2	PX	.005	.005	0	0
114	MP GAMMA1a	PX	.005	.005	0	0
115	MP GAMMA1	PX	.005	.005	0	0
116	MP BETA5	PX	.005	.005	0	0
117	MP BETA4	PX	.005	.005	0	0
118	MP BETA3	PX	.005	.005	0	0
119	MP BETA2	PX	.005	.005	0	0
120	MP BETA1A	PX	.005	.005	0	0
121	MP BETA1	PX	.005	.005	0	0
122	MP ALPHA5	PX	.005	.005	0	0
123	MP ALPHA4	PX	.005	.005	0	0
124	MP ALPHA3	PX	.005	.005	0	0
125	MP ALPHA2	PX	.005	.005	0	0
126	MP ALPHA1A	PX	.005	.005	0	0
127	MP ALPHA1	PX	.005	.005	0	0
128	FACE3	PX	.004	.004	0	0
129	FACE2	PX	.004	.004	0	0
130	FACE1	PX	.002	.002	0	0
131	CR6	PX	.003	.003	0	0
132	CR5	PX	.003	.003	0	0
133	CR4	PX	.003	.003	0	0
134	CR3	PX	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
135	CR2	PX	.003	.003	0	0
136	CR1	PX	.003	.003	0	0
137	CORN PL9	PX	.01	.01	0	0
138	CORN PL8	PX	.01	.01	0	0
139	CORN PL7	PX	.01	.01	0	0
140	CORN PL6	PX	.01	.01	0	0
141	CORN PL5	PX	.01	.01	0	0
142	CORN PL4	PX	.01	.01	0	0
143	CORN PL3	PX	.01	.01	0	0
144	CORN PL2	PX	.01	.01	0	0
145	CORN PL1	PX	.01	.01	0	0
146	ANGLE3	PX	.004	.004	0	0
147	ANGLE2	PX	.004	.004	0	0
148	ANGLE1	PX	.004	.004	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.000371	-.000371	0	0
2	SUP5	PY	-.000371	-.000371	0	0
3	SUP4	PY	-.000371	-.000371	0	0
4	SUP3	PY	-.000371	-.000371	0	0
5	SUP2	PY	-.000371	-.000371	0	0
6	SUP1	PY	-.000371	-.000371	0	0
7	SO3	PY	-.000464	-.000464	0	0
8	SO2	PY	-.000464	-.000464	0	0
9	SO1	PY	-.000464	-.000464	0	0
10	RAIL3	PY	-.000378	-.000378	0	0
11	RAIL2	PY	-.000378	-.000378	0	0
12	RAIL1	PY	-.000189	-.000189	0	0
13	R12	PY	-4.1e-5	-4.1e-5	0	0
14	R11	PY	-4.1e-5	-4.1e-5	0	0
15	R10	PY	-4.1e-5	-4.1e-5	0	0
16	R9	PY	-4.1e-5	-4.1e-5	0	0
17	R8	PY	-4.1e-5	-4.1e-5	0	0
18	R7	PY	-4.1e-5	-4.1e-5	0	0
19	R6	PY	-4.1e-5	-4.1e-5	0	0
20	R5	PY	-4.1e-5	-4.1e-5	0	0
21	R4	PY	-4.1e-5	-4.1e-5	0	0
22	R3	PY	-4.1e-5	-4.1e-5	0	0
23	R2	PY	-4.1e-5	-4.1e-5	0	0
24	R1	PY	-4.1e-5	-4.1e-5	0	0
25	PL12	PY	-.001	-.001	0	0
26	PL11	PY	-.001	-.001	0	0
27	PL10	PY	-.001	-.001	0	0
28	PL9	PY	-.001	-.001	0	0
29	PL8	PY	-.001	-.001	0	0
30	PL7	PY	-.001	-.001	0	0
31	PL6	PY	-.001	-.001	0	0
32	PL5	PY	-.001	-.001	0	0
33	PL4	PY	-.001	-.001	0	0
34	PL3	PY	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
35	PL2	PY	-.001	-.001	0	0
36	PL1	PY	-.001	-.001	0	0
37	MP GAMMA4	PY	-.000528	-.000528	0	0
38	MP GAMMA3	PY	-.000528	-.000528	0	0
39	MP GAMMA2	PY	-.000528	-.000528	0	0
40	MP GAMMA1a	PY	-.000528	-.000528	0	0
41	MP GAMMA1	PY	-.000528	-.000528	0	0
42	MP BETA5	PY	-.000528	-.000528	0	0
43	MP BETA4	PY	-.000528	-.000528	0	0
44	MP BETA3	PY	-.000528	-.000528	0	0
45	MP BETA2	PY	-.000528	-.000528	0	0
46	MP BETA1A	PY	-.000528	-.000528	0	0
47	MP BETA1	PY	-.000528	-.000528	0	0
48	MP ALPHA5	PY	-.000528	-.000528	0	0
49	MP ALPHA4	PY	-.000528	-.000528	0	0
50	MP ALPHA3	PY	-.000528	-.000528	0	0
51	MP ALPHA2	PY	-.000528	-.000528	0	0
52	MP ALPHA1A	PY	-.000528	-.000528	0	0
53	MP ALPHA1	PY	-.000528	-.000528	0	0
54	FACE3	PY	-.000461	-.000461	0	0
55	FACE2	PY	-.000461	-.000461	0	0
56	FACE1	PY	-.00023	-.00023	0	0
57	CR6	PY	-.000348	-.000348	0	0
58	CR5	PY	-.000348	-.000348	0	0
59	CR4	PY	-.000348	-.000348	0	0
60	CR3	PY	-.000348	-.000348	0	0
61	CR2	PY	-.000348	-.000348	0	0
62	CR1	PY	-.000348	-.000348	0	0
63	CORN PL9	PY	-.001	-.001	0	0
64	CORN PL8	PY	-.001	-.001	0	0
65	CORN PL7	PY	-.001	-.001	0	0
66	CORN PL6	PY	-.001	-.001	0	0
67	CORN PL5	PY	-.001	-.001	0	0
68	CORN PL4	PY	-.001	-.001	0	0
69	CORN PL3	PY	-.001	-.001	0	0
70	CORN PL2	PY	-.001	-.001	0	0
71	CORN PL1	PY	-.001	-.001	0	0
72	ANGLE3	PY	-.000464	-.000464	0	0
73	ANGLE2	PY	-.000464	-.000464	0	0
74	ANGLE1	PY	-.000464	-.000464	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.000322	-.000322	0	0
2	SUP5	PY	-.000322	-.000322	0	0
3	SUP4	PY	-.000322	-.000322	0	0
4	SUP3	PY	-.000322	-.000322	0	0
5	SUP2	PY	-.000322	-.000322	0	0
6	SUP1	PY	-.000322	-.000322	0	0
7	SO3	PY	-.000402	-.000402	0	0
8	SO2	PY	-.000402	-.000402	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
9	SO1	PY	-.000402	-.000402	0	0
10	RAIL3	PY	-.000328	-.000328	0	0
11	RAIL2	PY	-.000328	-.000328	0	0
12	RAIL1	PY	-.000164	-.000164	0	0
13	R12	PY	-3.6e-5	-3.6e-5	0	0
14	R11	PY	-3.6e-5	-3.6e-5	0	0
15	R10	PY	-3.6e-5	-3.6e-5	0	0
16	R9	PY	-3.6e-5	-3.6e-5	0	0
17	R8	PY	-3.6e-5	-3.6e-5	0	0
18	R7	PY	-3.6e-5	-3.6e-5	0	0
19	R6	PY	-3.6e-5	-3.6e-5	0	0
20	R5	PY	-3.6e-5	-3.6e-5	0	0
21	R4	PY	-3.6e-5	-3.6e-5	0	0
22	R3	PY	-3.6e-5	-3.6e-5	0	0
23	R2	PY	-3.6e-5	-3.6e-5	0	0
24	R1	PY	-3.6e-5	-3.6e-5	0	0
25	PL12	PY	-.000965	-.000965	0	0
26	PL11	PY	-.000965	-.000965	0	0
27	PL10	PY	-.000965	-.000965	0	0
28	PL9	PY	-.000965	-.000965	0	0
29	PL8	PY	-.000965	-.000965	0	0
30	PL7	PY	-.000965	-.000965	0	0
31	PL6	PY	-.000965	-.000965	0	0
32	PL5	PY	-.000965	-.000965	0	0
33	PL4	PY	-.000965	-.000965	0	0
34	PL3	PY	-.000965	-.000965	0	0
35	PL2	PY	-.000965	-.000965	0	0
36	PL1	PY	-.000965	-.000965	0	0
37	MP GAMMA4	PY	-.000457	-.000457	0	0
38	MP GAMMA3	PY	-.000457	-.000457	0	0
39	MP GAMMA2	PY	-.000457	-.000457	0	0
40	MP GAMMA1a	PY	-.000457	-.000457	0	0
41	MP GAMMA1	PY	-.000457	-.000457	0	0
42	MP BETA5	PY	-.000457	-.000457	0	0
43	MP BETA4	PY	-.000457	-.000457	0	0
44	MP BETA3	PY	-.000457	-.000457	0	0
45	MP BETA2	PY	-.000457	-.000457	0	0
46	MP BETA1A	PY	-.000457	-.000457	0	0
47	MP BETA1	PY	-.000457	-.000457	0	0
48	MP ALPHA5	PY	-.000457	-.000457	0	0
49	MP ALPHA4	PY	-.000457	-.000457	0	0
50	MP ALPHA3	PY	-.000457	-.000457	0	0
51	MP ALPHA2	PY	-.000457	-.000457	0	0
52	MP ALPHA1A	PY	-.000457	-.000457	0	0
53	MP ALPHA1	PY	-.000457	-.000457	0	0
54	FACE3	PY	-.000399	-.000399	0	0
55	FACE2	PY	-.000399	-.000399	0	0
56	FACE1	PY	-.000199	-.000199	0	0
57	CR6	PY	-.000302	-.000302	0	0
58	CR5	PY	-.000302	-.000302	0	0
59	CR4	PY	-.000302	-.000302	0	0
60	CR3	PY	-.000302	-.000302	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
61	CR2	PY	-.000302	-.000302	0	0
62	CR1	PY	-.000302	-.000302	0	0
63	CORN PL9	PY	-.000965	-.000965	0	0
64	CORN PL8	PY	-.000965	-.000965	0	0
65	CORN PL7	PY	-.000965	-.000965	0	0
66	CORN PL6	PY	-.000965	-.000965	0	0
67	CORN PL5	PY	-.000965	-.000965	0	0
68	CORN PL4	PY	-.000965	-.000965	0	0
69	CORN PL3	PY	-.000965	-.000965	0	0
70	CORN PL2	PY	-.000965	-.000965	0	0
71	CORN PL1	PY	-.000965	-.000965	0	0
72	ANGLE3	PY	-.000402	-.000402	0	0
73	ANGLE2	PY	-.000402	-.000402	0	0
74	ANGLE1	PY	-.000402	-.000402	0	0
75	SUP6	PX	-.000186	-.000186	0	0
76	SUP5	PX	-.000186	-.000186	0	0
77	SUP4	PX	-.000186	-.000186	0	0
78	SUP3	PX	-.000186	-.000186	0	0
79	SUP2	PX	-.000186	-.000186	0	0
80	SUP1	PX	-.000186	-.000186	0	0
81	SO3	PX	-.000232	-.000232	0	0
82	SO2	PX	-.000232	-.000232	0	0
83	SO1	PX	-.000232	-.000232	0	0
84	RAIL3	PX	-.000189	-.000189	0	0
85	RAIL2	PX	-.000189	-.000189	0	0
86	RAIL1	PX	-9.5e-5	-9.5e-5	0	0
87	R12	PX	-2.1e-5	-2.1e-5	0	0
88	R11	PX	-2.1e-5	-2.1e-5	0	0
89	R10	PX	-2.1e-5	-2.1e-5	0	0
90	R9	PX	-2.1e-5	-2.1e-5	0	0
91	R8	PX	-2.1e-5	-2.1e-5	0	0
92	R7	PX	-2.1e-5	-2.1e-5	0	0
93	R6	PX	-2.1e-5	-2.1e-5	0	0
94	R5	PX	-2.1e-5	-2.1e-5	0	0
95	R4	PX	-2.1e-5	-2.1e-5	0	0
96	R3	PX	-2.1e-5	-2.1e-5	0	0
97	R2	PX	-2.1e-5	-2.1e-5	0	0
98	R1	PX	-2.1e-5	-2.1e-5	0	0
99	PL12	PX	-.000557	-.000557	0	0
100	PL11	PX	-.000557	-.000557	0	0
101	PL10	PX	-.000557	-.000557	0	0
102	PL9	PX	-.000557	-.000557	0	0
103	PL8	PX	-.000557	-.000557	0	0
104	PL7	PX	-.000557	-.000557	0	0
105	PL6	PX	-.000557	-.000557	0	0
106	PL5	PX	-.000557	-.000557	0	0
107	PL4	PX	-.000557	-.000557	0	0
108	PL3	PX	-.000557	-.000557	0	0
109	PL2	PX	-.000557	-.000557	0	0
110	PL1	PX	-.000557	-.000557	0	0
111	MP GAMMA4	PX	-.000264	-.000264	0	0
112	MP GAMMA3	PX	-.000264	-.000264	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
113	MP GAMMA2	PX	-.000264	-.000264	0	0
114	MP GAMMA1a	PX	-.000264	-.000264	0	0
115	MP GAMMA1	PX	-.000264	-.000264	0	0
116	MP BETA5	PX	-.000264	-.000264	0	0
117	MP BETA4	PX	-.000264	-.000264	0	0
118	MP BETA3	PX	-.000264	-.000264	0	0
119	MP BETA2	PX	-.000264	-.000264	0	0
120	MP BETA1A	PX	-.000264	-.000264	0	0
121	MP BETA1	PX	-.000264	-.000264	0	0
122	MP ALPHA5	PX	-.000264	-.000264	0	0
123	MP ALPHA4	PX	-.000264	-.000264	0	0
124	MP ALPHA3	PX	-.000264	-.000264	0	0
125	MP ALPHA2	PX	-.000264	-.000264	0	0
126	MP ALPHA1A	PX	-.000264	-.000264	0	0
127	MP ALPHA1	PX	-.000264	-.000264	0	0
128	FACE3	PX	-.00023	-.00023	0	0
129	FACE2	PX	-.00023	-.00023	0	0
130	FACE1	PX	-.000115	-.000115	0	0
131	CR6	PX	-.000174	-.000174	0	0
132	CR5	PX	-.000174	-.000174	0	0
133	CR4	PX	-.000174	-.000174	0	0
134	CR3	PX	-.000174	-.000174	0	0
135	CR2	PX	-.000174	-.000174	0	0
136	CR1	PX	-.000174	-.000174	0	0
137	CORN PL9	PX	-.000557	-.000557	0	0
138	CORN PL8	PX	-.000557	-.000557	0	0
139	CORN PL7	PX	-.000557	-.000557	0	0
140	CORN PL6	PX	-.000557	-.000557	0	0
141	CORN PL5	PX	-.000557	-.000557	0	0
142	CORN PL4	PX	-.000557	-.000557	0	0
143	CORN PL3	PX	-.000557	-.000557	0	0
144	CORN PL2	PX	-.000557	-.000557	0	0
145	CORN PL1	PX	-.000557	-.000557	0	0
146	ANGLE3	PX	-.000232	-.000232	0	0
147	ANGLE2	PX	-.000232	-.000232	0	0
148	ANGLE1	PX	-.000232	-.000232	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.000186	-.000186	0	0
2	SUP5	PY	-.000186	-.000186	0	0
3	SUP4	PY	-.000186	-.000186	0	0
4	SUP3	PY	-.000186	-.000186	0	0
5	SUP2	PY	-.000186	-.000186	0	0
6	SUP1	PY	-.000186	-.000186	0	0
7	SO3	PY	-.000232	-.000232	0	0
8	SO2	PY	-.000232	-.000232	0	0
9	SO1	PY	-.000232	-.000232	0	0
10	RAIL3	PY	-.000189	-.000189	0	0
11	RAIL2	PY	-.000189	-.000189	0	0
12	RAIL1	PY	-9.5e-5	-9.5e-5	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
13	R12	PY	-2.1e-5	-2.1e-5	0	0
14	R11	PY	-2.1e-5	-2.1e-5	0	0
15	R10	PY	-2.1e-5	-2.1e-5	0	0
16	R9	PY	-2.1e-5	-2.1e-5	0	0
17	R8	PY	-2.1e-5	-2.1e-5	0	0
18	R7	PY	-2.1e-5	-2.1e-5	0	0
19	R6	PY	-2.1e-5	-2.1e-5	0	0
20	R5	PY	-2.1e-5	-2.1e-5	0	0
21	R4	PY	-2.1e-5	-2.1e-5	0	0
22	R3	PY	-2.1e-5	-2.1e-5	0	0
23	R2	PY	-2.1e-5	-2.1e-5	0	0
24	R1	PY	-2.1e-5	-2.1e-5	0	0
25	PL12	PY	-.000557	-.000557	0	0
26	PL11	PY	-.000557	-.000557	0	0
27	PL10	PY	-.000557	-.000557	0	0
28	PL9	PY	-.000557	-.000557	0	0
29	PL8	PY	-.000557	-.000557	0	0
30	PL7	PY	-.000557	-.000557	0	0
31	PL6	PY	-.000557	-.000557	0	0
32	PL5	PY	-.000557	-.000557	0	0
33	PL4	PY	-.000557	-.000557	0	0
34	PL3	PY	-.000557	-.000557	0	0
35	PL2	PY	-.000557	-.000557	0	0
36	PL1	PY	-.000557	-.000557	0	0
37	MP GAMMA4	PY	-.000264	-.000264	0	0
38	MP GAMMA3	PY	-.000264	-.000264	0	0
39	MP GAMMA2	PY	-.000264	-.000264	0	0
40	MP GAMMA1a	PY	-.000264	-.000264	0	0
41	MP GAMMA1	PY	-.000264	-.000264	0	0
42	MP BETA5	PY	-.000264	-.000264	0	0
43	MP BETA4	PY	-.000264	-.000264	0	0
44	MP BETA3	PY	-.000264	-.000264	0	0
45	MP BETA2	PY	-.000264	-.000264	0	0
46	MP BETA1A	PY	-.000264	-.000264	0	0
47	MP BETA1	PY	-.000264	-.000264	0	0
48	MP ALPHA5	PY	-.000264	-.000264	0	0
49	MP ALPHA4	PY	-.000264	-.000264	0	0
50	MP ALPHA3	PY	-.000264	-.000264	0	0
51	MP ALPHA2	PY	-.000264	-.000264	0	0
52	MP ALPHA1A	PY	-.000264	-.000264	0	0
53	MP ALPHA1	PY	-.000264	-.000264	0	0
54	FACE3	PY	-.00023	-.00023	0	0
55	FACE2	PY	-.00023	-.00023	0	0
56	FACE1	PY	-.000115	-.000115	0	0
57	CR6	PY	-.000174	-.000174	0	0
58	CR5	PY	-.000174	-.000174	0	0
59	CR4	PY	-.000174	-.000174	0	0
60	CR3	PY	-.000174	-.000174	0	0
61	CR2	PY	-.000174	-.000174	0	0
62	CR1	PY	-.000174	-.000174	0	0
63	CORN PL9	PY	-.000557	-.000557	0	0
64	CORN PL8	PY	-.000557	-.000557	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
65	CORN PL7	PY	-.000557	-.000557	0	0
66	CORN PL6	PY	-.000557	-.000557	0	0
67	CORN PL5	PY	-.000557	-.000557	0	0
68	CORN PL4	PY	-.000557	-.000557	0	0
69	CORN PL3	PY	-.000557	-.000557	0	0
70	CORN PL2	PY	-.000557	-.000557	0	0
71	CORN PL1	PY	-.000557	-.000557	0	0
72	ANGLE3	PY	-.000232	-.000232	0	0
73	ANGLE2	PY	-.000232	-.000232	0	0
74	ANGLE1	PY	-.000232	-.000232	0	0
75	SUP6	PX	-.000322	-.000322	0	0
76	SUP5	PX	-.000322	-.000322	0	0
77	SUP4	PX	-.000322	-.000322	0	0
78	SUP3	PX	-.000322	-.000322	0	0
79	SUP2	PX	-.000322	-.000322	0	0
80	SUP1	PX	-.000322	-.000322	0	0
81	SO3	PX	-.000402	-.000402	0	0
82	SO2	PX	-.000402	-.000402	0	0
83	SO1	PX	-.000402	-.000402	0	0
84	RAIL3	PX	-.000328	-.000328	0	0
85	RAIL2	PX	-.000328	-.000328	0	0
86	RAIL1	PX	-.000164	-.000164	0	0
87	R12	PX	-3.6e-5	-3.6e-5	0	0
88	R11	PX	-3.6e-5	-3.6e-5	0	0
89	R10	PX	-3.6e-5	-3.6e-5	0	0
90	R9	PX	-3.6e-5	-3.6e-5	0	0
91	R8	PX	-3.6e-5	-3.6e-5	0	0
92	R7	PX	-3.6e-5	-3.6e-5	0	0
93	R6	PX	-3.6e-5	-3.6e-5	0	0
94	R5	PX	-3.6e-5	-3.6e-5	0	0
95	R4	PX	-3.6e-5	-3.6e-5	0	0
96	R3	PX	-3.6e-5	-3.6e-5	0	0
97	R2	PX	-3.6e-5	-3.6e-5	0	0
98	R1	PX	-3.6e-5	-3.6e-5	0	0
99	PL12	PX	-.000965	-.000965	0	0
100	PL11	PX	-.000965	-.000965	0	0
101	PL10	PX	-.000965	-.000965	0	0
102	PL9	PX	-.000965	-.000965	0	0
103	PL8	PX	-.000965	-.000965	0	0
104	PL7	PX	-.000965	-.000965	0	0
105	PL6	PX	-.000965	-.000965	0	0
106	PL5	PX	-.000965	-.000965	0	0
107	PL4	PX	-.000965	-.000965	0	0
108	PL3	PX	-.000965	-.000965	0	0
109	PL2	PX	-.000965	-.000965	0	0
110	PL1	PX	-.000965	-.000965	0	0
111	MP GAMMA4	PX	-.000457	-.000457	0	0
112	MP GAMMA3	PX	-.000457	-.000457	0	0
113	MP GAMMA2	PX	-.000457	-.000457	0	0
114	MP GAMMA1a	PX	-.000457	-.000457	0	0
115	MP GAMMA1	PX	-.000457	-.000457	0	0
116	MP BETA5	PX	-.000457	-.000457	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
117	MP BETA4	PX	-.000457	-.000457	0	0
118	MP BETA3	PX	-.000457	-.000457	0	0
119	MP BETA2	PX	-.000457	-.000457	0	0
120	MP BETA1A	PX	-.000457	-.000457	0	0
121	MP BETA1	PX	-.000457	-.000457	0	0
122	MP ALPHA5	PX	-.000457	-.000457	0	0
123	MP ALPHA4	PX	-.000457	-.000457	0	0
124	MP ALPHA3	PX	-.000457	-.000457	0	0
125	MP ALPHA2	PX	-.000457	-.000457	0	0
126	MP ALPHA1A	PX	-.000457	-.000457	0	0
127	MP ALPHA1	PX	-.000457	-.000457	0	0
128	FACE3	PX	-.000399	-.000399	0	0
129	FACE2	PX	-.000399	-.000399	0	0
130	FACE1	PX	-.000199	-.000199	0	0
131	CR6	PX	-.000302	-.000302	0	0
132	CR5	PX	-.000302	-.000302	0	0
133	CR4	PX	-.000302	-.000302	0	0
134	CR3	PX	-.000302	-.000302	0	0
135	CR2	PX	-.000302	-.000302	0	0
136	CR1	PX	-.000302	-.000302	0	0
137	CORN PL9	PX	-.000965	-.000965	0	0
138	CORN PL8	PX	-.000965	-.000965	0	0
139	CORN PL7	PX	-.000965	-.000965	0	0
140	CORN PL6	PX	-.000965	-.000965	0	0
141	CORN PL5	PX	-.000965	-.000965	0	0
142	CORN PL4	PX	-.000965	-.000965	0	0
143	CORN PL3	PX	-.000965	-.000965	0	0
144	CORN PL2	PX	-.000965	-.000965	0	0
145	CORN PL1	PX	-.000965	-.000965	0	0
146	ANGLE3	PX	-.000402	-.000402	0	0
147	ANGLE2	PX	-.000402	-.000402	0	0
148	ANGLE1	PX	-.000402	-.000402	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PX	-.000371	-.000371	0	0
2	SUP5	PX	-.000371	-.000371	0	0
3	SUP4	PX	-.000371	-.000371	0	0
4	SUP3	PX	-.000371	-.000371	0	0
5	SUP2	PX	-.000371	-.000371	0	0
6	SUP1	PX	-.000371	-.000371	0	0
7	SO3	PX	-.000464	-.000464	0	0
8	SO2	PX	-.000464	-.000464	0	0
9	SO1	PX	-.000464	-.000464	0	0
10	RAIL3	PX	-.000378	-.000378	0	0
11	RAIL1	PX	-.000378	-.000378	0	0
12	RAIL2	PX	-.000189	-.000189	0	0
13	R12	PX	-4.1e-5	-4.1e-5	0	0
14	R11	PX	-4.1e-5	-4.1e-5	0	0
15	R10	PX	-4.1e-5	-4.1e-5	0	0
16	R9	PX	-4.1e-5	-4.1e-5	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
17	R8	PX	-4.1e-5	-4.1e-5	0	0
18	R7	PX	-4.1e-5	-4.1e-5	0	0
19	R6	PX	-4.1e-5	-4.1e-5	0	0
20	R5	PX	-4.1e-5	-4.1e-5	0	0
21	R4	PX	-4.1e-5	-4.1e-5	0	0
22	R3	PX	-4.1e-5	-4.1e-5	0	0
23	R2	PX	-4.1e-5	-4.1e-5	0	0
24	R1	PX	-4.1e-5	-4.1e-5	0	0
25	PL12	PX	-.001	-.001	0	0
26	PL11	PX	-.001	-.001	0	0
27	PL10	PX	-.001	-.001	0	0
28	PL9	PX	-.001	-.001	0	0
29	PL8	PX	-.001	-.001	0	0
30	PL7	PX	-.001	-.001	0	0
31	PL6	PX	-.001	-.001	0	0
32	PL5	PX	-.001	-.001	0	0
33	PL4	PX	-.001	-.001	0	0
34	PL3	PX	-.001	-.001	0	0
35	PL2	PX	-.001	-.001	0	0
36	PL1	PX	-.001	-.001	0	0
37	MP GAMMA4	PX	-.000528	-.000528	0	0
38	MP GAMMA3	PX	-.000528	-.000528	0	0
39	MP GAMMA2	PX	-.000528	-.000528	0	0
40	MP GAMMA1a	PX	-.000528	-.000528	0	0
41	MP GAMMA1	PX	-.000528	-.000528	0	0
42	MP BETA5	PX	-.000528	-.000528	0	0
43	MP BETA4	PX	-.000528	-.000528	0	0
44	MP BETA3	PX	-.000528	-.000528	0	0
45	MP BETA2	PX	-.000528	-.000528	0	0
46	MP BETA1A	PX	-.000528	-.000528	0	0
47	MP BETA1	PX	-.000528	-.000528	0	0
48	MP ALPHA5	PX	-.000528	-.000528	0	0
49	MP ALPHA4	PX	-.000528	-.000528	0	0
50	MP ALPHA3	PX	-.000528	-.000528	0	0
51	MP ALPHA2	PX	-.000528	-.000528	0	0
52	MP ALPHA1A	PX	-.000528	-.000528	0	0
53	MP ALPHA1	PX	-.000528	-.000528	0	0
54	FACE3	PX	-.000461	-.000461	0	0
55	FACE1	PX	-.000461	-.000461	0	0
56	FACE2	PX	-.00023	-.00023	0	0
57	CR6	PX	-.000348	-.000348	0	0
58	CR5	PX	-.000348	-.000348	0	0
59	CR4	PX	-.000348	-.000348	0	0
60	CR3	PX	-.000348	-.000348	0	0
61	CR2	PX	-.000348	-.000348	0	0
62	CR1	PX	-.000348	-.000348	0	0
63	CORN PL9	PX	-.001	-.001	0	0
64	CORN PL8	PX	-.001	-.001	0	0
65	CORN PL7	PX	-.001	-.001	0	0
66	CORN PL6	PX	-.001	-.001	0	0
67	CORN PL5	PX	-.001	-.001	0	0
68	CORN PL4	PX	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
69	CORN PL3	PX	-.001	-.001	0	0
70	CORN PL2	PX	-.001	-.001	0	0
71	CORN PL1	PX	-.001	-.001	0	0
72	ANGLE3	PX	-.000464	-.000464	0	0
73	ANGLE2	PX	-.000464	-.000464	0	0
74	ANGLE1	PX	-.000464	-.000464	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.000186	.000186	0	0
2	SUP5	PY	.000186	.000186	0	0
3	SUP4	PY	.000186	.000186	0	0
4	SUP3	PY	.000186	.000186	0	0
5	SUP2	PY	.000186	.000186	0	0
6	SUP1	PY	.000186	.000186	0	0
7	SO3	PY	.000232	.000232	0	0
8	SO2	PY	.000232	.000232	0	0
9	SO1	PY	.000232	.000232	0	0
10	RAIL3	PY	.000189	.000189	0	0
11	RAIL1	PY	.000189	.000189	0	0
12	RAIL2	PY	9.5e-5	9.5e-5	0	0
13	R12	PY	2.1e-5	2.1e-5	0	0
14	R11	PY	2.1e-5	2.1e-5	0	0
15	R10	PY	2.1e-5	2.1e-5	0	0
16	R9	PY	2.1e-5	2.1e-5	0	0
17	R8	PY	2.1e-5	2.1e-5	0	0
18	R7	PY	2.1e-5	2.1e-5	0	0
19	R6	PY	2.1e-5	2.1e-5	0	0
20	R5	PY	2.1e-5	2.1e-5	0	0
21	R4	PY	2.1e-5	2.1e-5	0	0
22	R3	PY	2.1e-5	2.1e-5	0	0
23	R2	PY	2.1e-5	2.1e-5	0	0
24	R1	PY	2.1e-5	2.1e-5	0	0
25	PL12	PY	.000557	.000557	0	0
26	PL11	PY	.000557	.000557	0	0
27	PL10	PY	.000557	.000557	0	0
28	PL9	PY	.000557	.000557	0	0
29	PL8	PY	.000557	.000557	0	0
30	PL7	PY	.000557	.000557	0	0
31	PL6	PY	.000557	.000557	0	0
32	PL5	PY	.000557	.000557	0	0
33	PL4	PY	.000557	.000557	0	0
34	PL3	PY	.000557	.000557	0	0
35	PL2	PY	.000557	.000557	0	0
36	PL1	PY	.000557	.000557	0	0
37	MP GAMMA4	PY	.000264	.000264	0	0
38	MP GAMMA3	PY	.000264	.000264	0	0
39	MP GAMMA2	PY	.000264	.000264	0	0
40	MP GAMMA1a	PY	.000264	.000264	0	0
41	MP GAMMA1	PY	.000264	.000264	0	0
42	MP BETA5	PY	.000264	.000264	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
43	MP BETA4	PY	.000264	.000264	0	0
44	MP BETA3	PY	.000264	.000264	0	0
45	MP BETA2	PY	.000264	.000264	0	0
46	MP BETA1A	PY	.000264	.000264	0	0
47	MP BETA1	PY	.000264	.000264	0	0
48	MP ALPHA5	PY	.000264	.000264	0	0
49	MP ALPHA4	PY	.000264	.000264	0	0
50	MP ALPHA3	PY	.000264	.000264	0	0
51	MP ALPHA2	PY	.000264	.000264	0	0
52	MP ALPHA1A	PY	.000264	.000264	0	0
53	MP ALPHA1	PY	.000264	.000264	0	0
54	FACE3	PY	.00023	.00023	0	0
55	FACE1	PY	.00023	.00023	0	0
56	FACE2	PY	.000115	.000115	0	0
57	CR6	PY	.000174	.000174	0	0
58	CR5	PY	.000174	.000174	0	0
59	CR4	PY	.000174	.000174	0	0
60	CR3	PY	.000174	.000174	0	0
61	CR2	PY	.000174	.000174	0	0
62	CR1	PY	.000174	.000174	0	0
63	CORN PL9	PY	.000557	.000557	0	0
64	CORN PL8	PY	.000557	.000557	0	0
65	CORN PL7	PY	.000557	.000557	0	0
66	CORN PL6	PY	.000557	.000557	0	0
67	CORN PL5	PY	.000557	.000557	0	0
68	CORN PL4	PY	.000557	.000557	0	0
69	CORN PL3	PY	.000557	.000557	0	0
70	CORN PL2	PY	.000557	.000557	0	0
71	CORN PL1	PY	.000557	.000557	0	0
72	ANGLE3	PY	.000232	.000232	0	0
73	ANGLE2	PY	.000232	.000232	0	0
74	ANGLE1	PY	.000232	.000232	0	0
75	SUP6	PX	-.000322	-.000322	0	0
76	SUP5	PX	-.000322	-.000322	0	0
77	SUP4	PX	-.000322	-.000322	0	0
78	SUP3	PX	-.000322	-.000322	0	0
79	SUP2	PX	-.000322	-.000322	0	0
80	SUP1	PX	-.000322	-.000322	0	0
81	SO3	PX	-.000402	-.000402	0	0
82	SO2	PX	-.000402	-.000402	0	0
83	SO1	PX	-.000402	-.000402	0	0
84	RAIL3	PX	-.000328	-.000328	0	0
85	RAIL1	PX	-.000328	-.000328	0	0
86	RAIL2	PX	-.000164	-.000164	0	0
87	R12	PX	-3.6e-5	-3.6e-5	0	0
88	R11	PX	-3.6e-5	-3.6e-5	0	0
89	R10	PX	-3.6e-5	-3.6e-5	0	0
90	R9	PX	-3.6e-5	-3.6e-5	0	0
91	R8	PX	-3.6e-5	-3.6e-5	0	0
92	R7	PX	-3.6e-5	-3.6e-5	0	0
93	R6	PX	-3.6e-5	-3.6e-5	0	0
94	R5	PX	-3.6e-5	-3.6e-5	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
95	R4	PX	-3.6e-5	-3.6e-5	0	0
96	R3	PX	-3.6e-5	-3.6e-5	0	0
97	R2	PX	-3.6e-5	-3.6e-5	0	0
98	R1	PX	-3.6e-5	-3.6e-5	0	0
99	PL12	PX	-.000965	-.000965	0	0
100	PL11	PX	-.000965	-.000965	0	0
101	PL10	PX	-.000965	-.000965	0	0
102	PL9	PX	-.000965	-.000965	0	0
103	PL8	PX	-.000965	-.000965	0	0
104	PL7	PX	-.000965	-.000965	0	0
105	PL6	PX	-.000965	-.000965	0	0
106	PL5	PX	-.000965	-.000965	0	0
107	PL4	PX	-.000965	-.000965	0	0
108	PL3	PX	-.000965	-.000965	0	0
109	PL2	PX	-.000965	-.000965	0	0
110	PL1	PX	-.000965	-.000965	0	0
111	MP GAMMA4	PX	-.000457	-.000457	0	0
112	MP GAMMA3	PX	-.000457	-.000457	0	0
113	MP GAMMA2	PX	-.000457	-.000457	0	0
114	MP GAMMA1a	PX	-.000457	-.000457	0	0
115	MP GAMMA1	PX	-.000457	-.000457	0	0
116	MP BETA5	PX	-.000457	-.000457	0	0
117	MP BETA4	PX	-.000457	-.000457	0	0
118	MP BETA3	PX	-.000457	-.000457	0	0
119	MP BETA2	PX	-.000457	-.000457	0	0
120	MP BETA1A	PX	-.000457	-.000457	0	0
121	MP BETA1	PX	-.000457	-.000457	0	0
122	MP ALPHA5	PX	-.000457	-.000457	0	0
123	MP ALPHA4	PX	-.000457	-.000457	0	0
124	MP ALPHA3	PX	-.000457	-.000457	0	0
125	MP ALPHA2	PX	-.000457	-.000457	0	0
126	MP ALPHA1A	PX	-.000457	-.000457	0	0
127	MP ALPHA1	PX	-.000457	-.000457	0	0
128	FACE3	PX	-.000399	-.000399	0	0
129	FACE1	PX	-.000399	-.000399	0	0
130	FACE2	PX	-.000199	-.000199	0	0
131	CR6	PX	-.000302	-.000302	0	0
132	CR5	PX	-.000302	-.000302	0	0
133	CR4	PX	-.000302	-.000302	0	0
134	CR3	PX	-.000302	-.000302	0	0
135	CR2	PX	-.000302	-.000302	0	0
136	CR1	PX	-.000302	-.000302	0	0
137	CORN PL9	PX	-.000965	-.000965	0	0
138	CORN PL8	PX	-.000965	-.000965	0	0
139	CORN PL7	PX	-.000965	-.000965	0	0
140	CORN PL6	PX	-.000965	-.000965	0	0
141	CORN PL5	PX	-.000965	-.000965	0	0
142	CORN PL4	PX	-.000965	-.000965	0	0
143	CORN PL3	PX	-.000965	-.000965	0	0
144	CORN PL2	PX	-.000965	-.000965	0	0
145	CORN PL1	PX	-.000965	-.000965	0	0
146	ANGLE3	PX	-.000402	-.000402	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
147	ANGLE2	PX	-.000402	-.000402	0	0
148	ANGLE1	PX	-.000402	-.000402	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.000322	.000322	0	0
2	SUP5	PY	.000322	.000322	0	0
3	SUP4	PY	.000322	.000322	0	0
4	SUP3	PY	.000322	.000322	0	0
5	SUP2	PY	.000322	.000322	0	0
6	SUP1	PY	.000322	.000322	0	0
7	SO3	PY	.000402	.000402	0	0
8	SO2	PY	.000402	.000402	0	0
9	SO1	PY	.000402	.000402	0	0
10	RAIL3	PY	.000328	.000328	0	0
11	RAIL1	PY	.000328	.000328	0	0
12	RAIL2	PY	.000164	.000164	0	0
13	R12	PY	3.6e-5	3.6e-5	0	0
14	R11	PY	3.6e-5	3.6e-5	0	0
15	R10	PY	3.6e-5	3.6e-5	0	0
16	R9	PY	3.6e-5	3.6e-5	0	0
17	R8	PY	3.6e-5	3.6e-5	0	0
18	R7	PY	3.6e-5	3.6e-5	0	0
19	R6	PY	3.6e-5	3.6e-5	0	0
20	R5	PY	3.6e-5	3.6e-5	0	0
21	R4	PY	3.6e-5	3.6e-5	0	0
22	R3	PY	3.6e-5	3.6e-5	0	0
23	R2	PY	3.6e-5	3.6e-5	0	0
24	R1	PY	3.6e-5	3.6e-5	0	0
25	PL12	PY	.000965	.000965	0	0
26	PL11	PY	.000965	.000965	0	0
27	PL10	PY	.000965	.000965	0	0
28	PL9	PY	.000965	.000965	0	0
29	PL8	PY	.000965	.000965	0	0
30	PL7	PY	.000965	.000965	0	0
31	PL6	PY	.000965	.000965	0	0
32	PL5	PY	.000965	.000965	0	0
33	PL4	PY	.000965	.000965	0	0
34	PL3	PY	.000965	.000965	0	0
35	PL2	PY	.000965	.000965	0	0
36	PL1	PY	.000965	.000965	0	0
37	MP GAMMA4	PY	.000457	.000457	0	0
38	MP GAMMA3	PY	.000457	.000457	0	0
39	MP GAMMA2	PY	.000457	.000457	0	0
40	MP GAMMA1a	PY	.000457	.000457	0	0
41	MP GAMMA1	PY	.000457	.000457	0	0
42	MP BETA5	PY	.000457	.000457	0	0
43	MP BETA4	PY	.000457	.000457	0	0
44	MP BETA3	PY	.000457	.000457	0	0
45	MP BETA2	PY	.000457	.000457	0	0
46	MP BETA1A	PY	.000457	.000457	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
47	MP BETA1	PY	.000457	.000457	0	0
48	MP ALPHA5	PY	.000457	.000457	0	0
49	MP ALPHA4	PY	.000457	.000457	0	0
50	MP ALPHA3	PY	.000457	.000457	0	0
51	MP ALPHA2	PY	.000457	.000457	0	0
52	MP ALPHA1A	PY	.000457	.000457	0	0
53	MP ALPHA1	PY	.000457	.000457	0	0
54	FACE3	PY	.000399	.000399	0	0
55	FACE1	PY	.000399	.000399	0	0
56	FACE2	PY	.000199	.000199	0	0
57	CR6	PY	.000302	.000302	0	0
58	CR5	PY	.000302	.000302	0	0
59	CR4	PY	.000302	.000302	0	0
60	CR3	PY	.000302	.000302	0	0
61	CR2	PY	.000302	.000302	0	0
62	CR1	PY	.000302	.000302	0	0
63	CORN PL9	PY	.000965	.000965	0	0
64	CORN PL8	PY	.000965	.000965	0	0
65	CORN PL7	PY	.000965	.000965	0	0
66	CORN PL6	PY	.000965	.000965	0	0
67	CORN PL5	PY	.000965	.000965	0	0
68	CORN PL4	PY	.000965	.000965	0	0
69	CORN PL3	PY	.000965	.000965	0	0
70	CORN PL2	PY	.000965	.000965	0	0
71	CORN PL1	PY	.000965	.000965	0	0
72	ANGLE3	PY	.000402	.000402	0	0
73	ANGLE2	PY	.000402	.000402	0	0
74	ANGLE1	PY	.000402	.000402	0	0
75	SUP6	PX	-.000186	-.000186	0	0
76	SUP5	PX	-.000186	-.000186	0	0
77	SUP4	PX	-.000186	-.000186	0	0
78	SUP3	PX	-.000186	-.000186	0	0
79	SUP2	PX	-.000186	-.000186	0	0
80	SUP1	PX	-.000186	-.000186	0	0
81	SO3	PX	-.000232	-.000232	0	0
82	SO2	PX	-.000232	-.000232	0	0
83	SO1	PX	-.000232	-.000232	0	0
84	RAIL3	PX	-.000189	-.000189	0	0
85	RAIL1	PX	-.000189	-.000189	0	0
86	RAIL2	PX	-9.5e-5	-9.5e-5	0	0
87	R12	PX	-2.1e-5	-2.1e-5	0	0
88	R11	PX	-2.1e-5	-2.1e-5	0	0
89	R10	PX	-2.1e-5	-2.1e-5	0	0
90	R9	PX	-2.1e-5	-2.1e-5	0	0
91	R8	PX	-2.1e-5	-2.1e-5	0	0
92	R7	PX	-2.1e-5	-2.1e-5	0	0
93	R6	PX	-2.1e-5	-2.1e-5	0	0
94	R5	PX	-2.1e-5	-2.1e-5	0	0
95	R4	PX	-2.1e-5	-2.1e-5	0	0
96	R3	PX	-2.1e-5	-2.1e-5	0	0
97	R2	PX	-2.1e-5	-2.1e-5	0	0
98	R1	PX	-2.1e-5	-2.1e-5	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
99	PL12	PX	-.000557	-.000557	0	0
100	PL11	PX	-.000557	-.000557	0	0
101	PL10	PX	-.000557	-.000557	0	0
102	PL9	PX	-.000557	-.000557	0	0
103	PL8	PX	-.000557	-.000557	0	0
104	PL7	PX	-.000557	-.000557	0	0
105	PL6	PX	-.000557	-.000557	0	0
106	PL5	PX	-.000557	-.000557	0	0
107	PL4	PX	-.000557	-.000557	0	0
108	PL3	PX	-.000557	-.000557	0	0
109	PL2	PX	-.000557	-.000557	0	0
110	PL1	PX	-.000557	-.000557	0	0
111	MP GAMMA4	PX	-.000264	-.000264	0	0
112	MP GAMMA3	PX	-.000264	-.000264	0	0
113	MP GAMMA2	PX	-.000264	-.000264	0	0
114	MP GAMMA1a	PX	-.000264	-.000264	0	0
115	MP GAMMA1	PX	-.000264	-.000264	0	0
116	MP BETA5	PX	-.000264	-.000264	0	0
117	MP BETA4	PX	-.000264	-.000264	0	0
118	MP BETA3	PX	-.000264	-.000264	0	0
119	MP BETA2	PX	-.000264	-.000264	0	0
120	MP BETA1A	PX	-.000264	-.000264	0	0
121	MP BETA1	PX	-.000264	-.000264	0	0
122	MP ALPHA5	PX	-.000264	-.000264	0	0
123	MP ALPHA4	PX	-.000264	-.000264	0	0
124	MP ALPHA3	PX	-.000264	-.000264	0	0
125	MP ALPHA2	PX	-.000264	-.000264	0	0
126	MP ALPHA1A	PX	-.000264	-.000264	0	0
127	MP ALPHA1	PX	-.000264	-.000264	0	0
128	FACE3	PX	-.00023	-.00023	0	0
129	FACE1	PX	-.00023	-.00023	0	0
130	FACE2	PX	-.000115	-.000115	0	0
131	CR6	PX	-.000174	-.000174	0	0
132	CR5	PX	-.000174	-.000174	0	0
133	CR4	PX	-.000174	-.000174	0	0
134	CR3	PX	-.000174	-.000174	0	0
135	CR2	PX	-.000174	-.000174	0	0
136	CR1	PX	-.000174	-.000174	0	0
137	CORN PL9	PX	-.000557	-.000557	0	0
138	CORN PL8	PX	-.000557	-.000557	0	0
139	CORN PL7	PX	-.000557	-.000557	0	0
140	CORN PL6	PX	-.000557	-.000557	0	0
141	CORN PL5	PX	-.000557	-.000557	0	0
142	CORN PL4	PX	-.000557	-.000557	0	0
143	CORN PL3	PX	-.000557	-.000557	0	0
144	CORN PL2	PX	-.000557	-.000557	0	0
145	CORN PL1	PX	-.000557	-.000557	0	0
146	ANGLE3	PX	-.000232	-.000232	0	0
147	ANGLE2	PX	-.000232	-.000232	0	0
148	ANGLE1	PX	-.000232	-.000232	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.000371	.000371	0	0
2	SUP5	PY	.000371	.000371	0	0
3	SUP4	PY	.000371	.000371	0	0
4	SUP3	PY	.000371	.000371	0	0
5	SUP2	PY	.000371	.000371	0	0
6	SUP1	PY	.000371	.000371	0	0
7	SO3	PY	.000464	.000464	0	0
8	SO2	PY	.000464	.000464	0	0
9	SO1	PY	.000464	.000464	0	0
10	RAIL3	PY	.000378	.000378	0	0
11	RAIL1	PY	.000378	.000378	0	0
12	RAIL2	PY	.000189	.000189	0	0
13	R12	PY	4.1e-5	4.1e-5	0	0
14	R11	PY	4.1e-5	4.1e-5	0	0
15	R10	PY	4.1e-5	4.1e-5	0	0
16	R9	PY	4.1e-5	4.1e-5	0	0
17	R8	PY	4.1e-5	4.1e-5	0	0
18	R7	PY	4.1e-5	4.1e-5	0	0
19	R6	PY	4.1e-5	4.1e-5	0	0
20	R5	PY	4.1e-5	4.1e-5	0	0
21	R4	PY	4.1e-5	4.1e-5	0	0
22	R3	PY	4.1e-5	4.1e-5	0	0
23	R2	PY	4.1e-5	4.1e-5	0	0
24	R1	PY	4.1e-5	4.1e-5	0	0
25	PL12	PY	.001	.001	0	0
26	PL11	PY	.001	.001	0	0
27	PL10	PY	.001	.001	0	0
28	PL9	PY	.001	.001	0	0
29	PL8	PY	.001	.001	0	0
30	PL7	PY	.001	.001	0	0
31	PL6	PY	.001	.001	0	0
32	PL5	PY	.001	.001	0	0
33	PL4	PY	.001	.001	0	0
34	PL3	PY	.001	.001	0	0
35	PL2	PY	.001	.001	0	0
36	PL1	PY	.001	.001	0	0
37	MP GAMMA4	PY	.000528	.000528	0	0
38	MP GAMMA3	PY	.000528	.000528	0	0
39	MP GAMMA2	PY	.000528	.000528	0	0
40	MP GAMMA1a	PY	.000528	.000528	0	0
41	MP GAMMA1	PY	.000528	.000528	0	0
42	MP BETA5	PY	.000528	.000528	0	0
43	MP BETA4	PY	.000528	.000528	0	0
44	MP BETA3	PY	.000528	.000528	0	0
45	MP BETA2	PY	.000528	.000528	0	0
46	MP BETA1A	PY	.000528	.000528	0	0
47	MP BETA1	PY	.000528	.000528	0	0
48	MP ALPHA5	PY	.000528	.000528	0	0
49	MP ALPHA4	PY	.000528	.000528	0	0
50	MP ALPHA3	PY	.000528	.000528	0	0
51	MP ALPHA2	PY	.000528	.000528	0	0
52	MP ALPHA1A	PY	.000528	.000528	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
53	MP ALPHA1	PY	.000528	.000528	0	0
54	FACE3	PY	.000461	.000461	0	0
55	FACE1	PY	.000461	.000461	0	0
56	FACE2	PY	.00023	.00023	0	0
57	CR6	PY	.000348	.000348	0	0
58	CR5	PY	.000348	.000348	0	0
59	CR4	PY	.000348	.000348	0	0
60	CR3	PY	.000348	.000348	0	0
61	CR2	PY	.000348	.000348	0	0
62	CR1	PY	.000348	.000348	0	0
63	CORN PL9	PY	.001	.001	0	0
64	CORN PL8	PY	.001	.001	0	0
65	CORN PL7	PY	.001	.001	0	0
66	CORN PL6	PY	.001	.001	0	0
67	CORN PL5	PY	.001	.001	0	0
68	CORN PL4	PY	.001	.001	0	0
69	CORN PL3	PY	.001	.001	0	0
70	CORN PL2	PY	.001	.001	0	0
71	CORN PL1	PY	.001	.001	0	0
72	ANGLE3	PY	.000464	.000464	0	0
73	ANGLE2	PY	.000464	.000464	0	0
74	ANGLE1	PY	.000464	.000464	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.000322	.000322	0	0
2	SUP5	PY	.000322	.000322	0	0
3	SUP4	PY	.000322	.000322	0	0
4	SUP3	PY	.000322	.000322	0	0
5	SUP2	PY	.000322	.000322	0	0
6	SUP1	PY	.000322	.000322	0	0
7	SO3	PY	.000402	.000402	0	0
8	SO2	PY	.000402	.000402	0	0
9	SO1	PY	.000402	.000402	0	0
10	RAIL1	PY	.000328	.000328	0	0
11	RAIL2	PY	.000328	.000328	0	0
12	RAIL3	PY	.000164	.000164	0	0
13	R12	PY	3.6e-5	3.6e-5	0	0
14	R11	PY	3.6e-5	3.6e-5	0	0
15	R10	PY	3.6e-5	3.6e-5	0	0
16	R9	PY	3.6e-5	3.6e-5	0	0
17	R8	PY	3.6e-5	3.6e-5	0	0
18	R7	PY	3.6e-5	3.6e-5	0	0
19	R6	PY	3.6e-5	3.6e-5	0	0
20	R5	PY	3.6e-5	3.6e-5	0	0
21	R4	PY	3.6e-5	3.6e-5	0	0
22	R3	PY	3.6e-5	3.6e-5	0	0
23	R2	PY	3.6e-5	3.6e-5	0	0
24	R1	PY	3.6e-5	3.6e-5	0	0
25	PL12	PY	.000965	.000965	0	0
26	PL11	PY	.000965	.000965	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
27	PL10	PY	.000965	.000965	0	0
28	PL9	PY	.000965	.000965	0	0
29	PL8	PY	.000965	.000965	0	0
30	PL7	PY	.000965	.000965	0	0
31	PL6	PY	.000965	.000965	0	0
32	PL5	PY	.000965	.000965	0	0
33	PL4	PY	.000965	.000965	0	0
34	PL3	PY	.000965	.000965	0	0
35	PL2	PY	.000965	.000965	0	0
36	PL1	PY	.000965	.000965	0	0
37	MP GAMMA4	PY	.000457	.000457	0	0
38	MP GAMMA3	PY	.000457	.000457	0	0
39	MP GAMMA2	PY	.000457	.000457	0	0
40	MP GAMMA1a	PY	.000457	.000457	0	0
41	MP GAMMA1	PY	.000457	.000457	0	0
42	MP BETA5	PY	.000457	.000457	0	0
43	MP BETA4	PY	.000457	.000457	0	0
44	MP BETA3	PY	.000457	.000457	0	0
45	MP BETA2	PY	.000457	.000457	0	0
46	MP BETA1A	PY	.000457	.000457	0	0
47	MP BETA1	PY	.000457	.000457	0	0
48	MP ALPHA5	PY	.000457	.000457	0	0
49	MP ALPHA4	PY	.000457	.000457	0	0
50	MP ALPHA3	PY	.000457	.000457	0	0
51	MP ALPHA2	PY	.000457	.000457	0	0
52	MP ALPHA1A	PY	.000457	.000457	0	0
53	MP ALPHA1	PY	.000457	.000457	0	0
54	FACE1	PY	.000399	.000399	0	0
55	FACE2	PY	.000399	.000399	0	0
56	FACE3	PY	.000199	.000199	0	0
57	CR6	PY	.000302	.000302	0	0
58	CR5	PY	.000302	.000302	0	0
59	CR4	PY	.000302	.000302	0	0
60	CR3	PY	.000302	.000302	0	0
61	CR2	PY	.000302	.000302	0	0
62	CR1	PY	.000302	.000302	0	0
63	CORN PL9	PY	.000965	.000965	0	0
64	CORN PL8	PY	.000965	.000965	0	0
65	CORN PL7	PY	.000965	.000965	0	0
66	CORN PL6	PY	.000965	.000965	0	0
67	CORN PL5	PY	.000965	.000965	0	0
68	CORN PL4	PY	.000965	.000965	0	0
69	CORN PL3	PY	.000965	.000965	0	0
70	CORN PL2	PY	.000965	.000965	0	0
71	CORN PL1	PY	.000965	.000965	0	0
72	ANGLE3	PY	.000402	.000402	0	0
73	ANGLE2	PY	.000402	.000402	0	0
74	ANGLE1	PY	.000402	.000402	0	0
75	SUP6	PX	.000186	.000186	0	0
76	SUP5	PX	.000186	.000186	0	0
77	SUP4	PX	.000186	.000186	0	0
78	SUP3	PX	.000186	.000186	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
79	SUP2	PX	.000186	.000186	0	0
80	SUP1	PX	.000186	.000186	0	0
81	SO3	PX	.000232	.000232	0	0
82	SO2	PX	.000232	.000232	0	0
83	SO1	PX	.000232	.000232	0	0
84	RAIL1	PX	.000189	.000189	0	0
85	RAIL2	PX	.000189	.000189	0	0
86	RAIL3	PX	9.5e-5	9.5e-5	0	0
87	R12	PX	2.1e-5	2.1e-5	0	0
88	R11	PX	2.1e-5	2.1e-5	0	0
89	R10	PX	2.1e-5	2.1e-5	0	0
90	R9	PX	2.1e-5	2.1e-5	0	0
91	R8	PX	2.1e-5	2.1e-5	0	0
92	R7	PX	2.1e-5	2.1e-5	0	0
93	R6	PX	2.1e-5	2.1e-5	0	0
94	R5	PX	2.1e-5	2.1e-5	0	0
95	R4	PX	2.1e-5	2.1e-5	0	0
96	R3	PX	2.1e-5	2.1e-5	0	0
97	R2	PX	2.1e-5	2.1e-5	0	0
98	R1	PX	2.1e-5	2.1e-5	0	0
99	PL12	PX	.000557	.000557	0	0
100	PL11	PX	.000557	.000557	0	0
101	PL10	PX	.000557	.000557	0	0
102	PL9	PX	.000557	.000557	0	0
103	PL8	PX	.000557	.000557	0	0
104	PL7	PX	.000557	.000557	0	0
105	PL6	PX	.000557	.000557	0	0
106	PL5	PX	.000557	.000557	0	0
107	PL4	PX	.000557	.000557	0	0
108	PL3	PX	.000557	.000557	0	0
109	PL2	PX	.000557	.000557	0	0
110	PL1	PX	.000557	.000557	0	0
111	MP GAMMA4	PX	.000264	.000264	0	0
112	MP GAMMA3	PX	.000264	.000264	0	0
113	MP GAMMA2	PX	.000264	.000264	0	0
114	MP GAMMA1a	PX	.000264	.000264	0	0
115	MP GAMMA1	PX	.000264	.000264	0	0
116	MP BETA5	PX	.000264	.000264	0	0
117	MP BETA4	PX	.000264	.000264	0	0
118	MP BETA3	PX	.000264	.000264	0	0
119	MP BETA2	PX	.000264	.000264	0	0
120	MP BETA1A	PX	.000264	.000264	0	0
121	MP BETA1	PX	.000264	.000264	0	0
122	MP ALPHA5	PX	.000264	.000264	0	0
123	MP ALPHA4	PX	.000264	.000264	0	0
124	MP ALPHA3	PX	.000264	.000264	0	0
125	MP ALPHA2	PX	.000264	.000264	0	0
126	MP ALPHA1A	PX	.000264	.000264	0	0
127	MP ALPHA1	PX	.000264	.000264	0	0
128	FACE1	PX	.00023	.00023	0	0
129	FACE2	PX	.00023	.00023	0	0
130	FACE3	PX	.000115	.000115	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
131	CR6	PX	.000174	.000174	0	0
132	CR5	PX	.000174	.000174	0	0
133	CR4	PX	.000174	.000174	0	0
134	CR3	PX	.000174	.000174	0	0
135	CR2	PX	.000174	.000174	0	0
136	CR1	PX	.000174	.000174	0	0
137	CORN PL9	PX	.000557	.000557	0	0
138	CORN PL8	PX	.000557	.000557	0	0
139	CORN PL7	PX	.000557	.000557	0	0
140	CORN PL6	PX	.000557	.000557	0	0
141	CORN PL5	PX	.000557	.000557	0	0
142	CORN PL4	PX	.000557	.000557	0	0
143	CORN PL3	PX	.000557	.000557	0	0
144	CORN PL2	PX	.000557	.000557	0	0
145	CORN PL1	PX	.000557	.000557	0	0
146	ANGLE3	PX	.000232	.000232	0	0
147	ANGLE2	PX	.000232	.000232	0	0
148	ANGLE1	PX	.000232	.000232	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.000186	.000186	0	0
2	SUP5	PY	.000186	.000186	0	0
3	SUP4	PY	.000186	.000186	0	0
4	SUP3	PY	.000186	.000186	0	0
5	SUP2	PY	.000186	.000186	0	0
6	SUP1	PY	.000186	.000186	0	0
7	SO3	PY	.000232	.000232	0	0
8	SO2	PY	.000232	.000232	0	0
9	SO1	PY	.000232	.000232	0	0
10	RAIL1	PY	.000189	.000189	0	0
11	RAIL2	PY	.000189	.000189	0	0
12	RAIL3	PY	9.5e-5	9.5e-5	0	0
13	R12	PY	2.1e-5	2.1e-5	0	0
14	R11	PY	2.1e-5	2.1e-5	0	0
15	R10	PY	2.1e-5	2.1e-5	0	0
16	R9	PY	2.1e-5	2.1e-5	0	0
17	R8	PY	2.1e-5	2.1e-5	0	0
18	R7	PY	2.1e-5	2.1e-5	0	0
19	R6	PY	2.1e-5	2.1e-5	0	0
20	R5	PY	2.1e-5	2.1e-5	0	0
21	R4	PY	2.1e-5	2.1e-5	0	0
22	R3	PY	2.1e-5	2.1e-5	0	0
23	R2	PY	2.1e-5	2.1e-5	0	0
24	R1	PY	2.1e-5	2.1e-5	0	0
25	PL12	PY	.000557	.000557	0	0
26	PL11	PY	.000557	.000557	0	0
27	PL10	PY	.000557	.000557	0	0
28	PL9	PY	.000557	.000557	0	0
29	PL8	PY	.000557	.000557	0	0
30	PL7	PY	.000557	.000557	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
31	PL6	PY	.000557	.000557	0	0
32	PL5	PY	.000557	.000557	0	0
33	PL4	PY	.000557	.000557	0	0
34	PL3	PY	.000557	.000557	0	0
35	PL2	PY	.000557	.000557	0	0
36	PL1	PY	.000557	.000557	0	0
37	MP GAMMA4	PY	.000264	.000264	0	0
38	MP GAMMA3	PY	.000264	.000264	0	0
39	MP GAMMA2	PY	.000264	.000264	0	0
40	MP GAMMA1a	PY	.000264	.000264	0	0
41	MP GAMMA1	PY	.000264	.000264	0	0
42	MP BETA5	PY	.000264	.000264	0	0
43	MP BETA4	PY	.000264	.000264	0	0
44	MP BETA3	PY	.000264	.000264	0	0
45	MP BETA2	PY	.000264	.000264	0	0
46	MP BETA1A	PY	.000264	.000264	0	0
47	MP BETA1	PY	.000264	.000264	0	0
48	MP ALPHA5	PY	.000264	.000264	0	0
49	MP ALPHA4	PY	.000264	.000264	0	0
50	MP ALPHA3	PY	.000264	.000264	0	0
51	MP ALPHA2	PY	.000264	.000264	0	0
52	MP ALPHA1A	PY	.000264	.000264	0	0
53	MP ALPHA1	PY	.000264	.000264	0	0
54	FACE1	PY	.00023	.00023	0	0
55	FACE2	PY	.00023	.00023	0	0
56	FACE3	PY	.000115	.000115	0	0
57	CR6	PY	.000174	.000174	0	0
58	CR5	PY	.000174	.000174	0	0
59	CR4	PY	.000174	.000174	0	0
60	CR3	PY	.000174	.000174	0	0
61	CR2	PY	.000174	.000174	0	0
62	CR1	PY	.000174	.000174	0	0
63	CORN PL9	PY	.000557	.000557	0	0
64	CORN PL8	PY	.000557	.000557	0	0
65	CORN PL7	PY	.000557	.000557	0	0
66	CORN PL6	PY	.000557	.000557	0	0
67	CORN PL5	PY	.000557	.000557	0	0
68	CORN PL4	PY	.000557	.000557	0	0
69	CORN PL3	PY	.000557	.000557	0	0
70	CORN PL2	PY	.000557	.000557	0	0
71	CORN PL1	PY	.000557	.000557	0	0
72	ANGLE3	PY	.000232	.000232	0	0
73	ANGLE2	PY	.000232	.000232	0	0
74	ANGLE1	PY	.000232	.000232	0	0
75	SUP6	PX	.000322	.000322	0	0
76	SUP5	PX	.000322	.000322	0	0
77	SUP4	PX	.000322	.000322	0	0
78	SUP3	PX	.000322	.000322	0	0
79	SUP2	PX	.000322	.000322	0	0
80	SUP1	PX	.000322	.000322	0	0
81	SO3	PX	.000402	.000402	0	0
82	SO2	PX	.000402	.000402	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
83	SO1	PX	.000402	.000402	0	0
84	RAIL1	PX	.000328	.000328	0	0
85	RAIL2	PX	.000328	.000328	0	0
86	RAIL3	PX	.000164	.000164	0	0
87	R12	PX	3.6e-5	3.6e-5	0	0
88	R11	PX	3.6e-5	3.6e-5	0	0
89	R10	PX	3.6e-5	3.6e-5	0	0
90	R9	PX	3.6e-5	3.6e-5	0	0
91	R8	PX	3.6e-5	3.6e-5	0	0
92	R7	PX	3.6e-5	3.6e-5	0	0
93	R6	PX	3.6e-5	3.6e-5	0	0
94	R5	PX	3.6e-5	3.6e-5	0	0
95	R4	PX	3.6e-5	3.6e-5	0	0
96	R3	PX	3.6e-5	3.6e-5	0	0
97	R2	PX	3.6e-5	3.6e-5	0	0
98	R1	PX	3.6e-5	3.6e-5	0	0
99	PL12	PX	.000965	.000965	0	0
100	PL11	PX	.000965	.000965	0	0
101	PL10	PX	.000965	.000965	0	0
102	PL9	PX	.000965	.000965	0	0
103	PL8	PX	.000965	.000965	0	0
104	PL7	PX	.000965	.000965	0	0
105	PL6	PX	.000965	.000965	0	0
106	PL5	PX	.000965	.000965	0	0
107	PL4	PX	.000965	.000965	0	0
108	PL3	PX	.000965	.000965	0	0
109	PL2	PX	.000965	.000965	0	0
110	PL1	PX	.000965	.000965	0	0
111	MP GAMMA4	PX	.000457	.000457	0	0
112	MP GAMMA3	PX	.000457	.000457	0	0
113	MP GAMMA2	PX	.000457	.000457	0	0
114	MP GAMMA1a	PX	.000457	.000457	0	0
115	MP GAMMA1	PX	.000457	.000457	0	0
116	MP BETA5	PX	.000457	.000457	0	0
117	MP BETA4	PX	.000457	.000457	0	0
118	MP BETA3	PX	.000457	.000457	0	0
119	MP BETA2	PX	.000457	.000457	0	0
120	MP BETA1A	PX	.000457	.000457	0	0
121	MP BETA1	PX	.000457	.000457	0	0
122	MP ALPHA5	PX	.000457	.000457	0	0
123	MP ALPHA4	PX	.000457	.000457	0	0
124	MP ALPHA3	PX	.000457	.000457	0	0
125	MP ALPHA2	PX	.000457	.000457	0	0
126	MP ALPHA1A	PX	.000457	.000457	0	0
127	MP ALPHA1	PX	.000457	.000457	0	0
128	FACE1	PX	.000399	.000399	0	0
129	FACE2	PX	.000399	.000399	0	0
130	FACE3	PX	.000199	.000199	0	0
131	CR6	PX	.000302	.000302	0	0
132	CR5	PX	.000302	.000302	0	0
133	CR4	PX	.000302	.000302	0	0
134	CR3	PX	.000302	.000302	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
135	CR2	PX	.000302	.000302	0	0
136	CR1	PX	.000302	.000302	0	0
137	CORN PL9	PX	.000965	.000965	0	0
138	CORN PL8	PX	.000965	.000965	0	0
139	CORN PL7	PX	.000965	.000965	0	0
140	CORN PL6	PX	.000965	.000965	0	0
141	CORN PL5	PX	.000965	.000965	0	0
142	CORN PL4	PX	.000965	.000965	0	0
143	CORN PL3	PX	.000965	.000965	0	0
144	CORN PL2	PX	.000965	.000965	0	0
145	CORN PL1	PX	.000965	.000965	0	0
146	ANGLE3	PX	.000402	.000402	0	0
147	ANGLE2	PX	.000402	.000402	0	0
148	ANGLE1	PX	.000402	.000402	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PX	.000371	.000371	0	0
2	SUP5	PX	.000371	.000371	0	0
3	SUP4	PX	.000371	.000371	0	0
4	SUP3	PX	.000371	.000371	0	0
5	SUP2	PX	.000371	.000371	0	0
6	SUP1	PX	.000371	.000371	0	0
7	SO3	PX	.000464	.000464	0	0
8	SO2	PX	.000464	.000464	0	0
9	SO1	PX	.000464	.000464	0	0
10	RAIL1	PX	.000378	.000378	0	0
11	RAIL2	PX	.000378	.000378	0	0
12	RAIL3	PX	.000189	.000189	0	0
13	R12	PX	4.1e-5	4.1e-5	0	0
14	R11	PX	4.1e-5	4.1e-5	0	0
15	R10	PX	4.1e-5	4.1e-5	0	0
16	R9	PX	4.1e-5	4.1e-5	0	0
17	R8	PX	4.1e-5	4.1e-5	0	0
18	R7	PX	4.1e-5	4.1e-5	0	0
19	R6	PX	4.1e-5	4.1e-5	0	0
20	R5	PX	4.1e-5	4.1e-5	0	0
21	R4	PX	4.1e-5	4.1e-5	0	0
22	R3	PX	4.1e-5	4.1e-5	0	0
23	R2	PX	4.1e-5	4.1e-5	0	0
24	R1	PX	4.1e-5	4.1e-5	0	0
25	PL12	PX	.001	.001	0	0
26	PL11	PX	.001	.001	0	0
27	PL10	PX	.001	.001	0	0
28	PL9	PX	.001	.001	0	0
29	PL8	PX	.001	.001	0	0
30	PL7	PX	.001	.001	0	0
31	PL6	PX	.001	.001	0	0
32	PL5	PX	.001	.001	0	0
33	PL4	PX	.001	.001	0	0
34	PL3	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
35	PL2	PX	.001	.001	0	0
36	PL1	PX	.001	.001	0	0
37	MP GAMMA4	PX	.000528	.000528	0	0
38	MP GAMMA3	PX	.000528	.000528	0	0
39	MP GAMMA2	PX	.000528	.000528	0	0
40	MP GAMMA1a	PX	.000528	.000528	0	0
41	MP GAMMA1	PX	.000528	.000528	0	0
42	MP BETA5	PX	.000528	.000528	0	0
43	MP BETA4	PX	.000528	.000528	0	0
44	MP BETA3	PX	.000528	.000528	0	0
45	MP BETA2	PX	.000528	.000528	0	0
46	MP BETA1A	PX	.000528	.000528	0	0
47	MP BETA1	PX	.000528	.000528	0	0
48	MP ALPHA5	PX	.000528	.000528	0	0
49	MP ALPHA4	PX	.000528	.000528	0	0
50	MP ALPHA3	PX	.000528	.000528	0	0
51	MP ALPHA2	PX	.000528	.000528	0	0
52	MP ALPHA1A	PX	.000528	.000528	0	0
53	MP ALPHA1	PX	.000528	.000528	0	0
54	FACE1	PX	.000461	.000461	0	0
55	FACE2	PX	.000461	.000461	0	0
56	FACE3	PX	.00023	.00023	0	0
57	CR6	PX	.000348	.000348	0	0
58	CR5	PX	.000348	.000348	0	0
59	CR4	PX	.000348	.000348	0	0
60	CR3	PX	.000348	.000348	0	0
61	CR2	PX	.000348	.000348	0	0
62	CR1	PX	.000348	.000348	0	0
63	CORN PL9	PX	.001	.001	0	0
64	CORN PL8	PX	.001	.001	0	0
65	CORN PL7	PX	.001	.001	0	0
66	CORN PL6	PX	.001	.001	0	0
67	CORN PL5	PX	.001	.001	0	0
68	CORN PL4	PX	.001	.001	0	0
69	CORN PL3	PX	.001	.001	0	0
70	CORN PL2	PX	.001	.001	0	0
71	CORN PL1	PX	.001	.001	0	0
72	ANGLE3	PX	.000464	.000464	0	0
73	ANGLE2	PX	.000464	.000464	0	0
74	ANGLE1	PX	.000464	.000464	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.000186	-.000186	0	0
2	SUP5	PY	-.000186	-.000186	0	0
3	SUP4	PY	-.000186	-.000186	0	0
4	SUP3	PY	-.000186	-.000186	0	0
5	SUP2	PY	-.000186	-.000186	0	0
6	SUP1	PY	-.000186	-.000186	0	0
7	SO3	PY	-.000232	-.000232	0	0
8	SO2	PY	-.000232	-.000232	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
9	SO1	PY	-.000232	-.000232	0	0
10	RAIL1	PY	-.000189	-.000189	0	0
11	RAIL2	PY	-.000189	-.000189	0	0
12	RAIL3	PY	-9.5e-5	-9.5e-5	0	0
13	R12	PY	-2.1e-5	-2.1e-5	0	0
14	R11	PY	-2.1e-5	-2.1e-5	0	0
15	R10	PY	-2.1e-5	-2.1e-5	0	0
16	R9	PY	-2.1e-5	-2.1e-5	0	0
17	R8	PY	-2.1e-5	-2.1e-5	0	0
18	R7	PY	-2.1e-5	-2.1e-5	0	0
19	R6	PY	-2.1e-5	-2.1e-5	0	0
20	R5	PY	-2.1e-5	-2.1e-5	0	0
21	R4	PY	-2.1e-5	-2.1e-5	0	0
22	R3	PY	-2.1e-5	-2.1e-5	0	0
23	R2	PY	-2.1e-5	-2.1e-5	0	0
24	R1	PY	-2.1e-5	-2.1e-5	0	0
25	PL12	PY	-.000557	-.000557	0	0
26	PL11	PY	-.000557	-.000557	0	0
27	PL10	PY	-.000557	-.000557	0	0
28	PL9	PY	-.000557	-.000557	0	0
29	PL8	PY	-.000557	-.000557	0	0
30	PL7	PY	-.000557	-.000557	0	0
31	PL6	PY	-.000557	-.000557	0	0
32	PL5	PY	-.000557	-.000557	0	0
33	PL4	PY	-.000557	-.000557	0	0
34	PL3	PY	-.000557	-.000557	0	0
35	PL2	PY	-.000557	-.000557	0	0
36	PL1	PY	-.000557	-.000557	0	0
37	MP GAMMA4	PY	-.000264	-.000264	0	0
38	MP GAMMA3	PY	-.000264	-.000264	0	0
39	MP GAMMA2	PY	-.000264	-.000264	0	0
40	MP GAMMA1a	PY	-.000264	-.000264	0	0
41	MP GAMMA1	PY	-.000264	-.000264	0	0
42	MP BETA5	PY	-.000264	-.000264	0	0
43	MP BETA4	PY	-.000264	-.000264	0	0
44	MP BETA3	PY	-.000264	-.000264	0	0
45	MP BETA2	PY	-.000264	-.000264	0	0
46	MP BETA1A	PY	-.000264	-.000264	0	0
47	MP BETA1	PY	-.000264	-.000264	0	0
48	MP ALPHA5	PY	-.000264	-.000264	0	0
49	MP ALPHA4	PY	-.000264	-.000264	0	0
50	MP ALPHA3	PY	-.000264	-.000264	0	0
51	MP ALPHA2	PY	-.000264	-.000264	0	0
52	MP ALPHA1A	PY	-.000264	-.000264	0	0
53	MP ALPHA1	PY	-.000264	-.000264	0	0
54	FACE1	PY	-.00023	-.00023	0	0
55	FACE2	PY	-.00023	-.00023	0	0
56	FACE3	PY	-.000115	-.000115	0	0
57	CR6	PY	-.000174	-.000174	0	0
58	CR5	PY	-.000174	-.000174	0	0
59	CR4	PY	-.000174	-.000174	0	0
60	CR3	PY	-.000174	-.000174	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
61	CR2	PY	-.000174	-.000174	0	0
62	CR1	PY	-.000174	-.000174	0	0
63	CORN PL9	PY	-.000557	-.000557	0	0
64	CORN PL8	PY	-.000557	-.000557	0	0
65	CORN PL7	PY	-.000557	-.000557	0	0
66	CORN PL6	PY	-.000557	-.000557	0	0
67	CORN PL5	PY	-.000557	-.000557	0	0
68	CORN PL4	PY	-.000557	-.000557	0	0
69	CORN PL3	PY	-.000557	-.000557	0	0
70	CORN PL2	PY	-.000557	-.000557	0	0
71	CORN PL1	PY	-.000557	-.000557	0	0
72	ANGLE3	PY	-.000232	-.000232	0	0
73	ANGLE2	PY	-.000232	-.000232	0	0
74	ANGLE1	PY	-.000232	-.000232	0	0
75	SUP6	PX	.000322	.000322	0	0
76	SUP5	PX	.000322	.000322	0	0
77	SUP4	PX	.000322	.000322	0	0
78	SUP3	PX	.000322	.000322	0	0
79	SUP2	PX	.000322	.000322	0	0
80	SUP1	PX	.000322	.000322	0	0
81	SO3	PX	.000402	.000402	0	0
82	SO2	PX	.000402	.000402	0	0
83	SO1	PX	.000402	.000402	0	0
84	RAIL1	PX	.000328	.000328	0	0
85	RAIL2	PX	.000328	.000328	0	0
86	RAIL3	PX	.000164	.000164	0	0
87	R12	PX	3.6e-5	3.6e-5	0	0
88	R11	PX	3.6e-5	3.6e-5	0	0
89	R10	PX	3.6e-5	3.6e-5	0	0
90	R9	PX	3.6e-5	3.6e-5	0	0
91	R8	PX	3.6e-5	3.6e-5	0	0
92	R7	PX	3.6e-5	3.6e-5	0	0
93	R6	PX	3.6e-5	3.6e-5	0	0
94	R5	PX	3.6e-5	3.6e-5	0	0
95	R4	PX	3.6e-5	3.6e-5	0	0
96	R3	PX	3.6e-5	3.6e-5	0	0
97	R2	PX	3.6e-5	3.6e-5	0	0
98	R1	PX	3.6e-5	3.6e-5	0	0
99	PL12	PX	.000965	.000965	0	0
100	PL11	PX	.000965	.000965	0	0
101	PL10	PX	.000965	.000965	0	0
102	PL9	PX	.000965	.000965	0	0
103	PL8	PX	.000965	.000965	0	0
104	PL7	PX	.000965	.000965	0	0
105	PL6	PX	.000965	.000965	0	0
106	PL5	PX	.000965	.000965	0	0
107	PL4	PX	.000965	.000965	0	0
108	PL3	PX	.000965	.000965	0	0
109	PL2	PX	.000965	.000965	0	0
110	PL1	PX	.000965	.000965	0	0
111	MP GAMMA4	PX	.000457	.000457	0	0
112	MP GAMMA3	PX	.000457	.000457	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
113	MP GAMMA2	PX	.000457	.000457	0	0
114	MP GAMMA1a	PX	.000457	.000457	0	0
115	MP GAMMA1	PX	.000457	.000457	0	0
116	MP BETA5	PX	.000457	.000457	0	0
117	MP BETA4	PX	.000457	.000457	0	0
118	MP BETA3	PX	.000457	.000457	0	0
119	MP BETA2	PX	.000457	.000457	0	0
120	MP BETA1A	PX	.000457	.000457	0	0
121	MP BETA1	PX	.000457	.000457	0	0
122	MP ALPHA5	PX	.000457	.000457	0	0
123	MP ALPHA4	PX	.000457	.000457	0	0
124	MP ALPHA3	PX	.000457	.000457	0	0
125	MP ALPHA2	PX	.000457	.000457	0	0
126	MP ALPHA1A	PX	.000457	.000457	0	0
127	MP ALPHA1	PX	.000457	.000457	0	0
128	FACE1	PX	.000399	.000399	0	0
129	FACE2	PX	.000399	.000399	0	0
130	FACE3	PX	.000199	.000199	0	0
131	CR6	PX	.000302	.000302	0	0
132	CR5	PX	.000302	.000302	0	0
133	CR4	PX	.000302	.000302	0	0
134	CR3	PX	.000302	.000302	0	0
135	CR2	PX	.000302	.000302	0	0
136	CR1	PX	.000302	.000302	0	0
137	CORN PL9	PX	.000965	.000965	0	0
138	CORN PL8	PX	.000965	.000965	0	0
139	CORN PL7	PX	.000965	.000965	0	0
140	CORN PL6	PX	.000965	.000965	0	0
141	CORN PL5	PX	.000965	.000965	0	0
142	CORN PL4	PX	.000965	.000965	0	0
143	CORN PL3	PX	.000965	.000965	0	0
144	CORN PL2	PX	.000965	.000965	0	0
145	CORN PL1	PX	.000965	.000965	0	0
146	ANGLE3	PX	.000402	.000402	0	0
147	ANGLE2	PX	.000402	.000402	0	0
148	ANGLE1	PX	.000402	.000402	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.000322	-.000322	0	0
2	SUP5	PY	-.000322	-.000322	0	0
3	SUP4	PY	-.000322	-.000322	0	0
4	SUP3	PY	-.000322	-.000322	0	0
5	SUP2	PY	-.000322	-.000322	0	0
6	SUP1	PY	-.000322	-.000322	0	0
7	SO3	PY	-.000402	-.000402	0	0
8	SO2	PY	-.000402	-.000402	0	0
9	SO1	PY	-.000402	-.000402	0	0
10	RAIL3	PY	-.000328	-.000328	0	0
11	RAIL2	PY	-.000328	-.000328	0	0
12	RAIL1	PY	-.000164	-.000164	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
13	R12	PY	-3.6e-5	-3.6e-5	0	0
14	R11	PY	-3.6e-5	-3.6e-5	0	0
15	R10	PY	-3.6e-5	-3.6e-5	0	0
16	R9	PY	-3.6e-5	-3.6e-5	0	0
17	R8	PY	-3.6e-5	-3.6e-5	0	0
18	R7	PY	-3.6e-5	-3.6e-5	0	0
19	R6	PY	-3.6e-5	-3.6e-5	0	0
20	R5	PY	-3.6e-5	-3.6e-5	0	0
21	R4	PY	-3.6e-5	-3.6e-5	0	0
22	R3	PY	-3.6e-5	-3.6e-5	0	0
23	R2	PY	-3.6e-5	-3.6e-5	0	0
24	R1	PY	-3.6e-5	-3.6e-5	0	0
25	PL12	PY	-.000965	-.000965	0	0
26	PL11	PY	-.000965	-.000965	0	0
27	PL10	PY	-.000965	-.000965	0	0
28	PL9	PY	-.000965	-.000965	0	0
29	PL8	PY	-.000965	-.000965	0	0
30	PL7	PY	-.000965	-.000965	0	0
31	PL6	PY	-.000965	-.000965	0	0
32	PL5	PY	-.000965	-.000965	0	0
33	PL4	PY	-.000965	-.000965	0	0
34	PL3	PY	-.000965	-.000965	0	0
35	PL2	PY	-.000965	-.000965	0	0
36	PL1	PY	-.000965	-.000965	0	0
37	MP GAMMA4	PY	-.000457	-.000457	0	0
38	MP GAMMA3	PY	-.000457	-.000457	0	0
39	MP GAMMA2	PY	-.000457	-.000457	0	0
40	MP GAMMA1a	PY	-.000457	-.000457	0	0
41	MP GAMMA1	PY	-.000457	-.000457	0	0
42	MP BETA5	PY	-.000457	-.000457	0	0
43	MP BETA4	PY	-.000457	-.000457	0	0
44	MP BETA3	PY	-.000457	-.000457	0	0
45	MP BETA2	PY	-.000457	-.000457	0	0
46	MP BETA1A	PY	-.000457	-.000457	0	0
47	MP BETA1	PY	-.000457	-.000457	0	0
48	MP ALPHA5	PY	-.000457	-.000457	0	0
49	MP ALPHA4	PY	-.000457	-.000457	0	0
50	MP ALPHA3	PY	-.000457	-.000457	0	0
51	MP ALPHA2	PY	-.000457	-.000457	0	0
52	MP ALPHA1A	PY	-.000457	-.000457	0	0
53	MP ALPHA1	PY	-.000457	-.000457	0	0
54	FACE3	PY	-.000399	-.000399	0	0
55	FACE2	PY	-.000399	-.000399	0	0
56	FACE1	PY	-.000199	-.000199	0	0
57	CR6	PY	-.000302	-.000302	0	0
58	CR5	PY	-.000302	-.000302	0	0
59	CR4	PY	-.000302	-.000302	0	0
60	CR3	PY	-.000302	-.000302	0	0
61	CR2	PY	-.000302	-.000302	0	0
62	CR1	PY	-.000302	-.000302	0	0
63	CORN PL9	PY	-.000965	-.000965	0	0
64	CORN PL8	PY	-.000965	-.000965	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
65	CORN PL7	PY	-.000965	-.000965	0	0
66	CORN PL6	PY	-.000965	-.000965	0	0
67	CORN PL5	PY	-.000965	-.000965	0	0
68	CORN PL4	PY	-.000965	-.000965	0	0
69	CORN PL3	PY	-.000965	-.000965	0	0
70	CORN PL2	PY	-.000965	-.000965	0	0
71	CORN PL1	PY	-.000965	-.000965	0	0
72	ANGLE3	PY	-.000402	-.000402	0	0
73	ANGLE2	PY	-.000402	-.000402	0	0
74	ANGLE1	PY	-.000402	-.000402	0	0
75	SUP6	PX	.000186	.000186	0	0
76	SUP5	PX	.000186	.000186	0	0
77	SUP4	PX	.000186	.000186	0	0
78	SUP3	PX	.000186	.000186	0	0
79	SUP2	PX	.000186	.000186	0	0
80	SUP1	PX	.000186	.000186	0	0
81	SO3	PX	.000232	.000232	0	0
82	SO2	PX	.000232	.000232	0	0
83	SO1	PX	.000232	.000232	0	0
84	RAIL3	PX	.000189	.000189	0	0
85	RAIL2	PX	.000189	.000189	0	0
86	RAIL1	PX	9.5e-5	9.5e-5	0	0
87	R12	PX	2.1e-5	2.1e-5	0	0
88	R11	PX	2.1e-5	2.1e-5	0	0
89	R10	PX	2.1e-5	2.1e-5	0	0
90	R9	PX	2.1e-5	2.1e-5	0	0
91	R8	PX	2.1e-5	2.1e-5	0	0
92	R7	PX	2.1e-5	2.1e-5	0	0
93	R6	PX	2.1e-5	2.1e-5	0	0
94	R5	PX	2.1e-5	2.1e-5	0	0
95	R4	PX	2.1e-5	2.1e-5	0	0
96	R3	PX	2.1e-5	2.1e-5	0	0
97	R2	PX	2.1e-5	2.1e-5	0	0
98	R1	PX	2.1e-5	2.1e-5	0	0
99	PL12	PX	.000557	.000557	0	0
100	PL11	PX	.000557	.000557	0	0
101	PL10	PX	.000557	.000557	0	0
102	PL9	PX	.000557	.000557	0	0
103	PL8	PX	.000557	.000557	0	0
104	PL7	PX	.000557	.000557	0	0
105	PL6	PX	.000557	.000557	0	0
106	PL5	PX	.000557	.000557	0	0
107	PL4	PX	.000557	.000557	0	0
108	PL3	PX	.000557	.000557	0	0
109	PL2	PX	.000557	.000557	0	0
110	PL1	PX	.000557	.000557	0	0
111	MP GAMMA4	PX	.000264	.000264	0	0
112	MP GAMMA3	PX	.000264	.000264	0	0
113	MP GAMMA2	PX	.000264	.000264	0	0
114	MP GAMMA1a	PX	.000264	.000264	0	0
115	MP GAMMA1	PX	.000264	.000264	0	0
116	MP BETA5	PX	.000264	.000264	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
117	MP BETA4	PX	.000264	.000264	0	0
118	MP BETA3	PX	.000264	.000264	0	0
119	MP BETA2	PX	.000264	.000264	0	0
120	MP BETA1A	PX	.000264	.000264	0	0
121	MP BETA1	PX	.000264	.000264	0	0
122	MP ALPHA5	PX	.000264	.000264	0	0
123	MP ALPHA4	PX	.000264	.000264	0	0
124	MP ALPHA3	PX	.000264	.000264	0	0
125	MP ALPHA2	PX	.000264	.000264	0	0
126	MP ALPHA1A	PX	.000264	.000264	0	0
127	MP ALPHA1	PX	.000264	.000264	0	0
128	FACE3	PX	.00023	.00023	0	0
129	FACE2	PX	.00023	.00023	0	0
130	FACE1	PX	.000115	.000115	0	0
131	CR6	PX	.000174	.000174	0	0
132	CR5	PX	.000174	.000174	0	0
133	CR4	PX	.000174	.000174	0	0
134	CR3	PX	.000174	.000174	0	0
135	CR2	PX	.000174	.000174	0	0
136	CR1	PX	.000174	.000174	0	0
137	CORN PL9	PX	.000557	.000557	0	0
138	CORN PL8	PX	.000557	.000557	0	0
139	CORN PL7	PX	.000557	.000557	0	0
140	CORN PL6	PX	.000557	.000557	0	0
141	CORN PL5	PX	.000557	.000557	0	0
142	CORN PL4	PX	.000557	.000557	0	0
143	CORN PL3	PX	.000557	.000557	0	0
144	CORN PL2	PX	.000557	.000557	0	0
145	CORN PL1	PX	.000557	.000557	0	0
146	ANGLE3	PX	.000232	.000232	0	0
147	ANGLE2	PX	.000232	.000232	0	0
148	ANGLE1	PX	.000232	.000232	0	0

Member Distributed Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	Z	-.006	-.006	0	0
2	SUP5	Z	-.006	-.006	0	0
3	SUP4	Z	-.006	-.006	0	0
4	SUP3	Z	-.006	-.006	0	0
5	SUP2	Z	-.006	-.006	0	0
6	SUP1	Z	-.006	-.006	0	0
7	SO3	Z	-.009	-.009	0	0
8	SO2	Z	-.009	-.009	0	0
9	SO1	Z	-.009	-.009	0	0
10	RAIL3	Z	-.006	-.006	0	0
11	RAIL2	Z	-.006	-.006	0	0
12	RAIL1	Z	-.006	-.006	0	0
13	R12	Z	-.003	-.003	0	0
14	R11	Z	-.003	-.003	0	0
15	R10	Z	-.003	-.003	0	0
16	R9	Z	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
17	R8	Z	-.003	-.003	0	0
18	R7	Z	-.003	-.003	0	0
19	R6	Z	-.003	-.003	0	0
20	R5	Z	-.003	-.003	0	0
21	R4	Z	-.003	-.003	0	0
22	R3	Z	-.003	-.003	0	0
23	R2	Z	-.003	-.003	0	0
24	R1	Z	-.003	-.003	0	0
25	PL12	Z	-.008	-.008	0	0
26	PL11	Z	-.008	-.008	0	0
27	PL10	Z	-.008	-.008	0	0
28	PL9	Z	-.008	-.008	0	0
29	PL8	Z	-.008	-.008	0	0
30	PL7	Z	-.008	-.008	0	0
31	PL6	Z	-.008	-.008	0	0
32	PL5	Z	-.008	-.008	0	0
33	PL4	Z	-.008	-.008	0	0
34	PL3	Z	-.008	-.008	0	0
35	PL2	Z	-.008	-.008	0	0
36	PL1	Z	-.008	-.008	0	0
37	MP GAMMA4	Z	-.005	-.005	0	0
38	MP GAMMA3	Z	-.005	-.005	0	0
39	MP GAMMA2	Z	-.005	-.005	0	0
40	MP GAMMA1a	Z	-.005	-.005	0	0
41	MP GAMMA1	Z	-.005	-.005	0	0
42	MP BETA5	Z	-.005	-.005	0	0
43	MP BETA4	Z	-.005	-.005	0	0
44	MP BETA3	Z	-.005	-.005	0	0
45	MP BETA2	Z	-.005	-.005	0	0
46	MP BETA1A	Z	-.005	-.005	0	0
47	MP BETA1	Z	-.005	-.005	0	0
48	MP ALPHA5	Z	-.005	-.005	0	0
49	MP ALPHA4	Z	-.005	-.005	0	0
50	MP ALPHA3	Z	-.005	-.005	0	0
51	MP ALPHA2	Z	-.005	-.005	0	0
52	MP ALPHA1A	Z	-.005	-.005	0	0
53	MP ALPHA1	Z	-.005	-.005	0	0
54	FACE3	Z	-.007	-.007	0	0
55	FACE2	Z	-.007	-.007	0	0
56	FACE1	Z	-.007	-.007	0	0
57	CR6	Z	-.008	-.008	0	0
58	CR5	Z	-.008	-.008	0	0
59	CR4	Z	-.008	-.008	0	0
60	CR3	Z	-.008	-.008	0	0
61	CR2	Z	-.008	-.008	0	0
62	CR1	Z	-.008	-.008	0	0
63	CORN PL9	Z	-.008	-.008	0	0
64	CORN PL8	Z	-.008	-.008	0	0
65	CORN PL7	Z	-.008	-.008	0	0
66	CORN PL6	Z	-.008	-.008	0	0
67	CORN PL5	Z	-.008	-.008	0	0
68	CORN PL4	Z	-.008	-.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
69	CORN PL3	Z	-.008	-.008	0	0
70	CORN PL2	Z	-.008	-.008	0	0
71	CORN PL1	Z	-.008	-.008	0	0
72	ANGLE3	Z	-.007	-.007	0	0
73	ANGLE2	Z	-.007	-.007	0	0
74	ANGLE1	Z	-.007	-.007	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.001	-.001	0	0
2	SUP5	PY	-.001	-.001	0	0
3	SUP4	PY	-.001	-.001	0	0
4	SUP3	PY	-.001	-.001	0	0
5	SUP2	PY	-.001	-.001	0	0
6	SUP1	PY	-.001	-.001	0	0
7	SO3	PY	-.001	-.001	0	0
8	SO2	PY	-.001	-.001	0	0
9	SO1	PY	-.001	-.001	0	0
10	RAIL3	PY	-.002	-.002	0	0
11	RAIL2	PY	-.002	-.002	0	0
12	RAIL1	PY	-.001	-.001	0	0
13	R12	PY	-.000605	-.000605	0	0
14	R11	PY	-.000605	-.000605	0	0
15	R10	PY	-.000605	-.000605	0	0
16	R9	PY	-.000605	-.000605	0	0
17	R8	PY	-.000605	-.000605	0	0
18	R7	PY	-.000605	-.000605	0	0
19	R6	PY	-.000605	-.000605	0	0
20	R5	PY	-.000605	-.000605	0	0
21	R4	PY	-.000605	-.000605	0	0
22	R3	PY	-.000605	-.000605	0	0
23	R2	PY	-.000605	-.000605	0	0
24	R1	PY	-.000605	-.000605	0	0
25	PL12	PY	-.003	-.003	0	0
26	PL11	PY	-.003	-.003	0	0
27	PL10	PY	-.003	-.003	0	0
28	PL9	PY	-.003	-.003	0	0
29	PL8	PY	-.003	-.003	0	0
30	PL7	PY	-.003	-.003	0	0
31	PL6	PY	-.003	-.003	0	0
32	PL5	PY	-.003	-.003	0	0
33	PL4	PY	-.003	-.003	0	0
34	PL3	PY	-.003	-.003	0	0
35	PL2	PY	-.003	-.003	0	0
36	PL1	PY	-.003	-.003	0	0
37	MP GAMMA4	PY	-.003	-.003	0	0
38	MP GAMMA3	PY	-.003	-.003	0	0
39	MP GAMMA2	PY	-.003	-.003	0	0
40	MP GAMMA1a	PY	-.003	-.003	0	0
41	MP GAMMA1	PY	-.003	-.003	0	0
42	MP BETA5	PY	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
43	MP BETA4	PY	-.003	-.003	0	0
44	MP BETA3	PY	-.003	-.003	0	0
45	MP BETA2	PY	-.003	-.003	0	0
46	MP BETA1A	PY	-.003	-.003	0	0
47	MP BETA1	PY	-.003	-.003	0	0
48	MP ALPHA5	PY	-.003	-.003	0	0
49	MP ALPHA4	PY	-.003	-.003	0	0
50	MP ALPHA3	PY	-.003	-.003	0	0
51	MP ALPHA2	PY	-.003	-.003	0	0
52	MP ALPHA1A	PY	-.003	-.003	0	0
53	MP ALPHA1	PY	-.003	-.003	0	0
54	FACE3	PY	-.002	-.002	0	0
55	FACE2	PY	-.002	-.002	0	0
56	FACE1	PY	-.001	-.001	0	0
57	CR6	PY	-.001	-.001	0	0
58	CR5	PY	-.001	-.001	0	0
59	CR4	PY	-.001	-.001	0	0
60	CR3	PY	-.001	-.001	0	0
61	CR2	PY	-.001	-.001	0	0
62	CR1	PY	-.001	-.001	0	0
63	CORN PL9	PY	-.003	-.003	0	0
64	CORN PL8	PY	-.003	-.003	0	0
65	CORN PL7	PY	-.003	-.003	0	0
66	CORN PL6	PY	-.003	-.003	0	0
67	CORN PL5	PY	-.003	-.003	0	0
68	CORN PL4	PY	-.003	-.003	0	0
69	CORN PL3	PY	-.003	-.003	0	0
70	CORN PL2	PY	-.003	-.003	0	0
71	CORN PL1	PY	-.003	-.003	0	0
72	ANGLE3	PY	-.002	-.002	0	0
73	ANGLE2	PY	-.002	-.002	0	0
74	ANGLE1	PY	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.001	-.001	0	0
2	SUP5	PY	-.001	-.001	0	0
3	SUP4	PY	-.001	-.001	0	0
4	SUP3	PY	-.001	-.001	0	0
5	SUP2	PY	-.001	-.001	0	0
6	SUP1	PY	-.001	-.001	0	0
7	SO3	PY	-.001	-.001	0	0
8	SO2	PY	-.001	-.001	0	0
9	SO1	PY	-.001	-.001	0	0
10	RAIL3	PY	-.002	-.002	0	0
11	RAIL2	PY	-.002	-.002	0	0
12	RAIL1	PY	-.000919	-.000919	0	0
13	R12	PY	-.000524	-.000524	0	0
14	R11	PY	-.000524	-.000524	0	0
15	R10	PY	-.000524	-.000524	0	0
16	R9	PY	-.000524	-.000524	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
17	R8	PY	-.000524	-.000524	0	0
18	R7	PY	-.000524	-.000524	0	0
19	R6	PY	-.000524	-.000524	0	0
20	R5	PY	-.000524	-.000524	0	0
21	R4	PY	-.000524	-.000524	0	0
22	R3	PY	-.000524	-.000524	0	0
23	R2	PY	-.000524	-.000524	0	0
24	R1	PY	-.000524	-.000524	0	0
25	PL12	PY	-.002	-.002	0	0
26	PL11	PY	-.002	-.002	0	0
27	PL10	PY	-.002	-.002	0	0
28	PL9	PY	-.002	-.002	0	0
29	PL8	PY	-.002	-.002	0	0
30	PL7	PY	-.002	-.002	0	0
31	PL6	PY	-.002	-.002	0	0
32	PL5	PY	-.002	-.002	0	0
33	PL4	PY	-.002	-.002	0	0
34	PL3	PY	-.002	-.002	0	0
35	PL2	PY	-.002	-.002	0	0
36	PL1	PY	-.002	-.002	0	0
37	MP GAMMA4	PY	-.003	-.003	0	0
38	MP GAMMA3	PY	-.003	-.003	0	0
39	MP GAMMA2	PY	-.003	-.003	0	0
40	MP GAMMA1a	PY	-.003	-.003	0	0
41	MP GAMMA1	PY	-.003	-.003	0	0
42	MP BETA5	PY	-.003	-.003	0	0
43	MP BETA4	PY	-.003	-.003	0	0
44	MP BETA3	PY	-.003	-.003	0	0
45	MP BETA2	PY	-.003	-.003	0	0
46	MP BETA1A	PY	-.003	-.003	0	0
47	MP BETA1	PY	-.003	-.003	0	0
48	MP ALPHA5	PY	-.003	-.003	0	0
49	MP ALPHA4	PY	-.003	-.003	0	0
50	MP ALPHA3	PY	-.003	-.003	0	0
51	MP ALPHA2	PY	-.003	-.003	0	0
52	MP ALPHA1A	PY	-.003	-.003	0	0
53	MP ALPHA1	PY	-.003	-.003	0	0
54	FACE3	PY	-.002	-.002	0	0
55	FACE2	PY	-.002	-.002	0	0
56	FACE1	PY	-.001	-.001	0	0
57	CR6	PY	-.00098	-.00098	0	0
58	CR5	PY	-.00098	-.00098	0	0
59	CR4	PY	-.00098	-.00098	0	0
60	CR3	PY	-.00098	-.00098	0	0
61	CR2	PY	-.00098	-.00098	0	0
62	CR1	PY	-.00098	-.00098	0	0
63	CORN PL9	PY	-.002	-.002	0	0
64	CORN PL8	PY	-.002	-.002	0	0
65	CORN PL7	PY	-.002	-.002	0	0
66	CORN PL6	PY	-.002	-.002	0	0
67	CORN PL5	PY	-.002	-.002	0	0
68	CORN PL4	PY	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
69	CORN PL3	PY	-.002	-.002	0	0
70	CORN PL2	PY	-.002	-.002	0	0
71	CORN PL1	PY	-.002	-.002	0	0
72	ANGLE3	PY	-.001	-.001	0	0
73	ANGLE2	PY	-.001	-.001	0	0
74	ANGLE1	PY	-.001	-.001	0	0
75	SUP6	PX	-.000737	-.000737	0	0
76	SUP5	PX	-.000737	-.000737	0	0
77	SUP4	PX	-.000737	-.000737	0	0
78	SUP3	PX	-.000737	-.000737	0	0
79	SUP2	PX	-.000737	-.000737	0	0
80	SUP1	PX	-.000737	-.000737	0	0
81	SO3	PX	-.000672	-.000672	0	0
82	SO2	PX	-.000672	-.000672	0	0
83	SO1	PX	-.000672	-.000672	0	0
84	RAIL3	PX	-.001	-.001	0	0
85	RAIL2	PX	-.001	-.001	0	0
86	RAIL1	PX	-.000531	-.000531	0	0
87	R12	PX	-.000302	-.000302	0	0
88	R11	PX	-.000302	-.000302	0	0
89	R10	PX	-.000302	-.000302	0	0
90	R9	PX	-.000302	-.000302	0	0
91	R8	PX	-.000302	-.000302	0	0
92	R7	PX	-.000302	-.000302	0	0
93	R6	PX	-.000302	-.000302	0	0
94	R5	PX	-.000302	-.000302	0	0
95	R4	PX	-.000302	-.000302	0	0
96	R3	PX	-.000302	-.000302	0	0
97	R2	PX	-.000302	-.000302	0	0
98	R1	PX	-.000302	-.000302	0	0
99	PL12	PX	-.001	-.001	0	0
100	PL11	PX	-.001	-.001	0	0
101	PL10	PX	-.001	-.001	0	0
102	PL9	PX	-.001	-.001	0	0
103	PL8	PX	-.001	-.001	0	0
104	PL7	PX	-.001	-.001	0	0
105	PL6	PX	-.001	-.001	0	0
106	PL5	PX	-.001	-.001	0	0
107	PL4	PX	-.001	-.001	0	0
108	PL3	PX	-.001	-.001	0	0
109	PL2	PX	-.001	-.001	0	0
110	PL1	PX	-.001	-.001	0	0
111	MP GAMMA4	PX	-.001	-.001	0	0
112	MP GAMMA3	PX	-.001	-.001	0	0
113	MP GAMMA2	PX	-.001	-.001	0	0
114	MP GAMMA1a	PX	-.001	-.001	0	0
115	MP GAMMA1	PX	-.001	-.001	0	0
116	MP BETA5	PX	-.001	-.001	0	0
117	MP BETA4	PX	-.001	-.001	0	0
118	MP BETA3	PX	-.001	-.001	0	0
119	MP BETA2	PX	-.001	-.001	0	0
120	MP BETA1A	PX	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
121	MP BETA1	PX	-.001	-.001	0	0
122	MP ALPHA5	PX	-.001	-.001	0	0
123	MP ALPHA4	PX	-.001	-.001	0	0
124	MP ALPHA3	PX	-.001	-.001	0	0
125	MP ALPHA2	PX	-.001	-.001	0	0
126	MP ALPHA1A	PX	-.001	-.001	0	0
127	MP ALPHA1	PX	-.001	-.001	0	0
128	FACE3	PX	-.001	-.001	0	0
129	FACE2	PX	-.001	-.001	0	0
130	FACE1	PX	-.000594	-.000594	0	0
131	CR6	PX	-.000566	-.000566	0	0
132	CR5	PX	-.000566	-.000566	0	0
133	CR4	PX	-.000566	-.000566	0	0
134	CR3	PX	-.000566	-.000566	0	0
135	CR2	PX	-.000566	-.000566	0	0
136	CR1	PX	-.000566	-.000566	0	0
137	CORN PL9	PX	-.001	-.001	0	0
138	CORN PL8	PX	-.001	-.001	0	0
139	CORN PL7	PX	-.001	-.001	0	0
140	CORN PL6	PX	-.001	-.001	0	0
141	CORN PL5	PX	-.001	-.001	0	0
142	CORN PL4	PX	-.001	-.001	0	0
143	CORN PL3	PX	-.001	-.001	0	0
144	CORN PL2	PX	-.001	-.001	0	0
145	CORN PL1	PX	-.001	-.001	0	0
146	ANGLE3	PX	-.000821	-.000821	0	0
147	ANGLE2	PX	-.000821	-.000821	0	0
148	ANGLE1	PX	-.000821	-.000821	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.000737	-.000737	0	0
2	SUP5	PY	-.000737	-.000737	0	0
3	SUP4	PY	-.000737	-.000737	0	0
4	SUP3	PY	-.000737	-.000737	0	0
5	SUP2	PY	-.000737	-.000737	0	0
6	SUP1	PY	-.000737	-.000737	0	0
7	SO3	PY	-.000672	-.000672	0	0
8	SO2	PY	-.000672	-.000672	0	0
9	SO1	PY	-.000672	-.000672	0	0
10	RAIL3	PY	-.001	-.001	0	0
11	RAIL2	PY	-.001	-.001	0	0
12	RAIL1	PY	-.000531	-.000531	0	0
13	R12	PY	-.000302	-.000302	0	0
14	R11	PY	-.000302	-.000302	0	0
15	R10	PY	-.000302	-.000302	0	0
16	R9	PY	-.000302	-.000302	0	0
17	R8	PY	-.000302	-.000302	0	0
18	R7	PY	-.000302	-.000302	0	0
19	R6	PY	-.000302	-.000302	0	0
20	R5	PY	-.000302	-.000302	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
21	R4	PY	-.000302	-.000302	0	0
22	R3	PY	-.000302	-.000302	0	0
23	R2	PY	-.000302	-.000302	0	0
24	R1	PY	-.000302	-.000302	0	0
25	PL12	PY	-.001	-.001	0	0
26	PL11	PY	-.001	-.001	0	0
27	PL10	PY	-.001	-.001	0	0
28	PL9	PY	-.001	-.001	0	0
29	PL8	PY	-.001	-.001	0	0
30	PL7	PY	-.001	-.001	0	0
31	PL6	PY	-.001	-.001	0	0
32	PL5	PY	-.001	-.001	0	0
33	PL4	PY	-.001	-.001	0	0
34	PL3	PY	-.001	-.001	0	0
35	PL2	PY	-.001	-.001	0	0
36	PL1	PY	-.001	-.001	0	0
37	MP GAMMA4	PY	-.001	-.001	0	0
38	MP GAMMA3	PY	-.001	-.001	0	0
39	MP GAMMA2	PY	-.001	-.001	0	0
40	MP GAMMA1a	PY	-.001	-.001	0	0
41	MP GAMMA1	PY	-.001	-.001	0	0
42	MP BETA5	PY	-.001	-.001	0	0
43	MP BETA4	PY	-.001	-.001	0	0
44	MP BETA3	PY	-.001	-.001	0	0
45	MP BETA2	PY	-.001	-.001	0	0
46	MP BETA1A	PY	-.001	-.001	0	0
47	MP BETA1	PY	-.001	-.001	0	0
48	MP ALPHA5	PY	-.001	-.001	0	0
49	MP ALPHA4	PY	-.001	-.001	0	0
50	MP ALPHA3	PY	-.001	-.001	0	0
51	MP ALPHA2	PY	-.001	-.001	0	0
52	MP ALPHA1A	PY	-.001	-.001	0	0
53	MP ALPHA1	PY	-.001	-.001	0	0
54	FACE3	PY	-.001	-.001	0	0
55	FACE2	PY	-.001	-.001	0	0
56	FACE1	PY	-.000594	-.000594	0	0
57	CR6	PY	-.000566	-.000566	0	0
58	CR5	PY	-.000566	-.000566	0	0
59	CR4	PY	-.000566	-.000566	0	0
60	CR3	PY	-.000566	-.000566	0	0
61	CR2	PY	-.000566	-.000566	0	0
62	CR1	PY	-.000566	-.000566	0	0
63	CORN PL9	PY	-.001	-.001	0	0
64	CORN PL8	PY	-.001	-.001	0	0
65	CORN PL7	PY	-.001	-.001	0	0
66	CORN PL6	PY	-.001	-.001	0	0
67	CORN PL5	PY	-.001	-.001	0	0
68	CORN PL4	PY	-.001	-.001	0	0
69	CORN PL3	PY	-.001	-.001	0	0
70	CORN PL2	PY	-.001	-.001	0	0
71	CORN PL1	PY	-.001	-.001	0	0
72	ANGLE3	PY	-.000821	-.000821	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
73	ANGLE2	PY	-.000821	-.000821	0	0
74	ANGLE1	PY	-.000821	-.000821	0	0
75	SUP6	PX	-.001	-.001	0	0
76	SUP5	PX	-.001	-.001	0	0
77	SUP4	PX	-.001	-.001	0	0
78	SUP3	PX	-.001	-.001	0	0
79	SUP2	PX	-.001	-.001	0	0
80	SUP1	PX	-.001	-.001	0	0
81	SO3	PX	-.001	-.001	0	0
82	SO2	PX	-.001	-.001	0	0
83	SO1	PX	-.001	-.001	0	0
84	RAIL3	PX	-.002	-.002	0	0
85	RAIL2	PX	-.002	-.002	0	0
86	RAIL1	PX	-.000919	-.000919	0	0
87	R12	PX	-.000524	-.000524	0	0
88	R11	PX	-.000524	-.000524	0	0
89	R10	PX	-.000524	-.000524	0	0
90	R9	PX	-.000524	-.000524	0	0
91	R8	PX	-.000524	-.000524	0	0
92	R7	PX	-.000524	-.000524	0	0
93	R6	PX	-.000524	-.000524	0	0
94	R5	PX	-.000524	-.000524	0	0
95	R4	PX	-.000524	-.000524	0	0
96	R3	PX	-.000524	-.000524	0	0
97	R2	PX	-.000524	-.000524	0	0
98	R1	PX	-.000524	-.000524	0	0
99	PL12	PX	-.002	-.002	0	0
100	PL11	PX	-.002	-.002	0	0
101	PL10	PX	-.002	-.002	0	0
102	PL9	PX	-.002	-.002	0	0
103	PL8	PX	-.002	-.002	0	0
104	PL7	PX	-.002	-.002	0	0
105	PL6	PX	-.002	-.002	0	0
106	PL5	PX	-.002	-.002	0	0
107	PL4	PX	-.002	-.002	0	0
108	PL3	PX	-.002	-.002	0	0
109	PL2	PX	-.002	-.002	0	0
110	PL1	PX	-.002	-.002	0	0
111	MP GAMMA4	PX	-.003	-.003	0	0
112	MP GAMMA3	PX	-.003	-.003	0	0
113	MP GAMMA2	PX	-.003	-.003	0	0
114	MP GAMMA1a	PX	-.003	-.003	0	0
115	MP GAMMA1	PX	-.003	-.003	0	0
116	MP BETA5	PX	-.003	-.003	0	0
117	MP BETA4	PX	-.003	-.003	0	0
118	MP BETA3	PX	-.003	-.003	0	0
119	MP BETA2	PX	-.003	-.003	0	0
120	MP BETA1A	PX	-.003	-.003	0	0
121	MP BETA1	PX	-.003	-.003	0	0
122	MP ALPHA5	PX	-.003	-.003	0	0
123	MP ALPHA4	PX	-.003	-.003	0	0
124	MP ALPHA3	PX	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
125	MP ALPHA2	PX	-.003	-.003	0	0
126	MP ALPHA1A	PX	-.003	-.003	0	0
127	MP ALPHA1	PX	-.003	-.003	0	0
128	FACE3	PX	-.002	-.002	0	0
129	FACE2	PX	-.002	-.002	0	0
130	FACE1	PX	-.001	-.001	0	0
131	CR6	PX	-.00098	-.00098	0	0
132	CR5	PX	-.00098	-.00098	0	0
133	CR4	PX	-.00098	-.00098	0	0
134	CR3	PX	-.00098	-.00098	0	0
135	CR2	PX	-.00098	-.00098	0	0
136	CR1	PX	-.00098	-.00098	0	0
137	CORN PL9	PX	-.002	-.002	0	0
138	CORN PL8	PX	-.002	-.002	0	0
139	CORN PL7	PX	-.002	-.002	0	0
140	CORN PL6	PX	-.002	-.002	0	0
141	CORN PL5	PX	-.002	-.002	0	0
142	CORN PL4	PX	-.002	-.002	0	0
143	CORN PL3	PX	-.002	-.002	0	0
144	CORN PL2	PX	-.002	-.002	0	0
145	CORN PL1	PX	-.002	-.002	0	0
146	ANGLE3	PX	-.001	-.001	0	0
147	ANGLE2	PX	-.001	-.001	0	0
148	ANGLE1	PX	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PX	-.001	-.001	0	0
2	SUP5	PX	-.001	-.001	0	0
3	SUP4	PX	-.001	-.001	0	0
4	SUP3	PX	-.001	-.001	0	0
5	SUP2	PX	-.001	-.001	0	0
6	SUP1	PX	-.001	-.001	0	0
7	SO3	PX	-.001	-.001	0	0
8	SO2	PX	-.001	-.001	0	0
9	SO1	PX	-.001	-.001	0	0
10	RAIL3	PX	-.002	-.002	0	0
11	RAIL1	PX	-.002	-.002	0	0
12	RAIL2	PX	-.001	-.001	0	0
13	R12	PX	-.000605	-.000605	0	0
14	R11	PX	-.000605	-.000605	0	0
15	R10	PX	-.000605	-.000605	0	0
16	R9	PX	-.000605	-.000605	0	0
17	R8	PX	-.000605	-.000605	0	0
18	R7	PX	-.000605	-.000605	0	0
19	R6	PX	-.000605	-.000605	0	0
20	R5	PX	-.000605	-.000605	0	0
21	R4	PX	-.000605	-.000605	0	0
22	R3	PX	-.000605	-.000605	0	0
23	R2	PX	-.000605	-.000605	0	0
24	R1	PX	-.000605	-.000605	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
25	PL12	PX	-.003	-.003	0	0
26	PL11	PX	-.003	-.003	0	0
27	PL10	PX	-.003	-.003	0	0
28	PL9	PX	-.003	-.003	0	0
29	PL8	PX	-.003	-.003	0	0
30	PL7	PX	-.003	-.003	0	0
31	PL6	PX	-.003	-.003	0	0
32	PL5	PX	-.003	-.003	0	0
33	PL4	PX	-.003	-.003	0	0
34	PL3	PX	-.003	-.003	0	0
35	PL2	PX	-.003	-.003	0	0
36	PL1	PX	-.003	-.003	0	0
37	MP GAMMA4	PX	-.003	-.003	0	0
38	MP GAMMA3	PX	-.003	-.003	0	0
39	MP GAMMA2	PX	-.003	-.003	0	0
40	MP GAMMA1a	PX	-.003	-.003	0	0
41	MP GAMMA1	PX	-.003	-.003	0	0
42	MP BETA5	PX	-.003	-.003	0	0
43	MP BETA4	PX	-.003	-.003	0	0
44	MP BETA3	PX	-.003	-.003	0	0
45	MP BETA2	PX	-.003	-.003	0	0
46	MP BETA1A	PX	-.003	-.003	0	0
47	MP BETA1	PX	-.003	-.003	0	0
48	MP ALPHA5	PX	-.003	-.003	0	0
49	MP ALPHA4	PX	-.003	-.003	0	0
50	MP ALPHA3	PX	-.003	-.003	0	0
51	MP ALPHA2	PX	-.003	-.003	0	0
52	MP ALPHA1A	PX	-.003	-.003	0	0
53	MP ALPHA1	PX	-.003	-.003	0	0
54	FACE3	PX	-.002	-.002	0	0
55	FACE1	PX	-.002	-.002	0	0
56	FACE2	PX	-.001	-.001	0	0
57	CR6	PX	-.001	-.001	0	0
58	CR5	PX	-.001	-.001	0	0
59	CR4	PX	-.001	-.001	0	0
60	CR3	PX	-.001	-.001	0	0
61	CR2	PX	-.001	-.001	0	0
62	CR1	PX	-.001	-.001	0	0
63	CORN PL9	PX	-.003	-.003	0	0
64	CORN PL8	PX	-.003	-.003	0	0
65	CORN PL7	PX	-.003	-.003	0	0
66	CORN PL6	PX	-.003	-.003	0	0
67	CORN PL5	PX	-.003	-.003	0	0
68	CORN PL4	PX	-.003	-.003	0	0
69	CORN PL3	PX	-.003	-.003	0	0
70	CORN PL2	PX	-.003	-.003	0	0
71	CORN PL1	PX	-.003	-.003	0	0
72	ANGLE3	PX	-.002	-.002	0	0
73	ANGLE2	PX	-.002	-.002	0	0
74	ANGLE1	PX	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.000737	.000737	0	0
2	SUP5	PY	.000737	.000737	0	0
3	SUP4	PY	.000737	.000737	0	0
4	SUP3	PY	.000737	.000737	0	0
5	SUP2	PY	.000737	.000737	0	0
6	SUP1	PY	.000737	.000737	0	0
7	SO3	PY	.000672	.000672	0	0
8	SO2	PY	.000672	.000672	0	0
9	SO1	PY	.000672	.000672	0	0
10	RAIL3	PY	.001	.001	0	0
11	RAIL1	PY	.001	.001	0	0
12	RAIL2	PY	.000531	.000531	0	0
13	R12	PY	.000302	.000302	0	0
14	R11	PY	.000302	.000302	0	0
15	R10	PY	.000302	.000302	0	0
16	R9	PY	.000302	.000302	0	0
17	R8	PY	.000302	.000302	0	0
18	R7	PY	.000302	.000302	0	0
19	R6	PY	.000302	.000302	0	0
20	R5	PY	.000302	.000302	0	0
21	R4	PY	.000302	.000302	0	0
22	R3	PY	.000302	.000302	0	0
23	R2	PY	.000302	.000302	0	0
24	R1	PY	.000302	.000302	0	0
25	PL12	PY	.001	.001	0	0
26	PL11	PY	.001	.001	0	0
27	PL10	PY	.001	.001	0	0
28	PL9	PY	.001	.001	0	0
29	PL8	PY	.001	.001	0	0
30	PL7	PY	.001	.001	0	0
31	PL6	PY	.001	.001	0	0
32	PL5	PY	.001	.001	0	0
33	PL4	PY	.001	.001	0	0
34	PL3	PY	.001	.001	0	0
35	PL2	PY	.001	.001	0	0
36	PL1	PY	.001	.001	0	0
37	MP GAMMA4	PY	.001	.001	0	0
38	MP GAMMA3	PY	.001	.001	0	0
39	MP GAMMA2	PY	.001	.001	0	0
40	MP GAMMA1a	PY	.001	.001	0	0
41	MP GAMMA1	PY	.001	.001	0	0
42	MP BETA5	PY	.001	.001	0	0
43	MP BETA4	PY	.001	.001	0	0
44	MP BETA3	PY	.001	.001	0	0
45	MP BETA2	PY	.001	.001	0	0
46	MP BETA1A	PY	.001	.001	0	0
47	MP BETA1	PY	.001	.001	0	0
48	MP ALPHA5	PY	.001	.001	0	0
49	MP ALPHA4	PY	.001	.001	0	0
50	MP ALPHA3	PY	.001	.001	0	0
51	MP ALPHA2	PY	.001	.001	0	0
52	MP ALPHA1A	PY	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
53	MP ALPHA1	PY	.001	.001	0	0
54	FACE3	PY	.001	.001	0	0
55	FACE1	PY	.001	.001	0	0
56	FACE2	PY	.000594	.000594	0	0
57	CR6	PY	.000566	.000566	0	0
58	CR5	PY	.000566	.000566	0	0
59	CR4	PY	.000566	.000566	0	0
60	CR3	PY	.000566	.000566	0	0
61	CR2	PY	.000566	.000566	0	0
62	CR1	PY	.000566	.000566	0	0
63	CORN PL9	PY	.001	.001	0	0
64	CORN PL8	PY	.001	.001	0	0
65	CORN PL7	PY	.001	.001	0	0
66	CORN PL6	PY	.001	.001	0	0
67	CORN PL5	PY	.001	.001	0	0
68	CORN PL4	PY	.001	.001	0	0
69	CORN PL3	PY	.001	.001	0	0
70	CORN PL2	PY	.001	.001	0	0
71	CORN PL1	PY	.001	.001	0	0
72	ANGLE3	PY	.000821	.000821	0	0
73	ANGLE2	PY	.000821	.000821	0	0
74	ANGLE1	PY	.000821	.000821	0	0
75	SUP6	PX	-.001	-.001	0	0
76	SUP5	PX	-.001	-.001	0	0
77	SUP4	PX	-.001	-.001	0	0
78	SUP3	PX	-.001	-.001	0	0
79	SUP2	PX	-.001	-.001	0	0
80	SUP1	PX	-.001	-.001	0	0
81	SO3	PX	-.001	-.001	0	0
82	SO2	PX	-.001	-.001	0	0
83	SO1	PX	-.001	-.001	0	0
84	RAIL3	PX	-.002	-.002	0	0
85	RAIL1	PX	-.002	-.002	0	0
86	RAIL2	PX	-.000919	-.000919	0	0
87	R12	PX	-.000524	-.000524	0	0
88	R11	PX	-.000524	-.000524	0	0
89	R10	PX	-.000524	-.000524	0	0
90	R9	PX	-.000524	-.000524	0	0
91	R8	PX	-.000524	-.000524	0	0
92	R7	PX	-.000524	-.000524	0	0
93	R6	PX	-.000524	-.000524	0	0
94	R5	PX	-.000524	-.000524	0	0
95	R4	PX	-.000524	-.000524	0	0
96	R3	PX	-.000524	-.000524	0	0
97	R2	PX	-.000524	-.000524	0	0
98	R1	PX	-.000524	-.000524	0	0
99	PL12	PX	-.002	-.002	0	0
100	PL11	PX	-.002	-.002	0	0
101	PL10	PX	-.002	-.002	0	0
102	PL9	PX	-.002	-.002	0	0
103	PL8	PX	-.002	-.002	0	0
104	PL7	PX	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
105	PL6	PX	-.002	-.002	0	0
106	PL5	PX	-.002	-.002	0	0
107	PL4	PX	-.002	-.002	0	0
108	PL3	PX	-.002	-.002	0	0
109	PL2	PX	-.002	-.002	0	0
110	PL1	PX	-.002	-.002	0	0
111	MP GAMMA4	PX	-.003	-.003	0	0
112	MP GAMMA3	PX	-.003	-.003	0	0
113	MP GAMMA2	PX	-.003	-.003	0	0
114	MP GAMMA1a	PX	-.003	-.003	0	0
115	MP GAMMA1	PX	-.003	-.003	0	0
116	MP BETA5	PX	-.003	-.003	0	0
117	MP BETA4	PX	-.003	-.003	0	0
118	MP BETA3	PX	-.003	-.003	0	0
119	MP BETA2	PX	-.003	-.003	0	0
120	MP BETA1A	PX	-.003	-.003	0	0
121	MP BETA1	PX	-.003	-.003	0	0
122	MP ALPHA5	PX	-.003	-.003	0	0
123	MP ALPHA4	PX	-.003	-.003	0	0
124	MP ALPHA3	PX	-.003	-.003	0	0
125	MP ALPHA2	PX	-.003	-.003	0	0
126	MP ALPHA1A	PX	-.003	-.003	0	0
127	MP ALPHA1	PX	-.003	-.003	0	0
128	FACE3	PX	-.002	-.002	0	0
129	FACE1	PX	-.002	-.002	0	0
130	FACE2	PX	-.001	-.001	0	0
131	CR6	PX	-.00098	-.00098	0	0
132	CR5	PX	-.00098	-.00098	0	0
133	CR4	PX	-.00098	-.00098	0	0
134	CR3	PX	-.00098	-.00098	0	0
135	CR2	PX	-.00098	-.00098	0	0
136	CR1	PX	-.00098	-.00098	0	0
137	CORN PL9	PX	-.002	-.002	0	0
138	CORN PL8	PX	-.002	-.002	0	0
139	CORN PL7	PX	-.002	-.002	0	0
140	CORN PL6	PX	-.002	-.002	0	0
141	CORN PL5	PX	-.002	-.002	0	0
142	CORN PL4	PX	-.002	-.002	0	0
143	CORN PL3	PX	-.002	-.002	0	0
144	CORN PL2	PX	-.002	-.002	0	0
145	CORN PL1	PX	-.002	-.002	0	0
146	ANGLE3	PX	-.001	-.001	0	0
147	ANGLE2	PX	-.001	-.001	0	0
148	ANGLE1	PX	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.001	.001	0	0
2	SUP5	PY	.001	.001	0	0
3	SUP4	PY	.001	.001	0	0
4	SUP3	PY	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
5	SUP2	PY	.001	.001	0	0
6	SUP1	PY	.001	.001	0	0
7	SO3	PY	.001	.001	0	0
8	SO2	PY	.001	.001	0	0
9	SO1	PY	.001	.001	0	0
10	RAIL3	PY	.002	.002	0	0
11	RAIL1	PY	.002	.002	0	0
12	RAIL2	PY	.000919	.000919	0	0
13	R12	PY	.000524	.000524	0	0
14	R11	PY	.000524	.000524	0	0
15	R10	PY	.000524	.000524	0	0
16	R9	PY	.000524	.000524	0	0
17	R8	PY	.000524	.000524	0	0
18	R7	PY	.000524	.000524	0	0
19	R6	PY	.000524	.000524	0	0
20	R5	PY	.000524	.000524	0	0
21	R4	PY	.000524	.000524	0	0
22	R3	PY	.000524	.000524	0	0
23	R2	PY	.000524	.000524	0	0
24	R1	PY	.000524	.000524	0	0
25	PL12	PY	.002	.002	0	0
26	PL11	PY	.002	.002	0	0
27	PL10	PY	.002	.002	0	0
28	PL9	PY	.002	.002	0	0
29	PL8	PY	.002	.002	0	0
30	PL7	PY	.002	.002	0	0
31	PL6	PY	.002	.002	0	0
32	PL5	PY	.002	.002	0	0
33	PL4	PY	.002	.002	0	0
34	PL3	PY	.002	.002	0	0
35	PL2	PY	.002	.002	0	0
36	PL1	PY	.002	.002	0	0
37	MP GAMMA4	PY	.003	.003	0	0
38	MP GAMMA3	PY	.003	.003	0	0
39	MP GAMMA2	PY	.003	.003	0	0
40	MP GAMMA1a	PY	.003	.003	0	0
41	MP GAMMA1	PY	.003	.003	0	0
42	MP BETA5	PY	.003	.003	0	0
43	MP BETA4	PY	.003	.003	0	0
44	MP BETA3	PY	.003	.003	0	0
45	MP BETA2	PY	.003	.003	0	0
46	MP BETA1A	PY	.003	.003	0	0
47	MP BETA1	PY	.003	.003	0	0
48	MP ALPHA5	PY	.003	.003	0	0
49	MP ALPHA4	PY	.003	.003	0	0
50	MP ALPHA3	PY	.003	.003	0	0
51	MP ALPHA2	PY	.003	.003	0	0
52	MP ALPHA1A	PY	.003	.003	0	0
53	MP ALPHA1	PY	.003	.003	0	0
54	FACE3	PY	.002	.002	0	0
55	FACE1	PY	.002	.002	0	0
56	FACE2	PY	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
57	CR6	PY	.00098	.00098	0	0
58	CR5	PY	.00098	.00098	0	0
59	CR4	PY	.00098	.00098	0	0
60	CR3	PY	.00098	.00098	0	0
61	CR2	PY	.00098	.00098	0	0
62	CR1	PY	.00098	.00098	0	0
63	CORN PL9	PY	.002	.002	0	0
64	CORN PL8	PY	.002	.002	0	0
65	CORN PL7	PY	.002	.002	0	0
66	CORN PL6	PY	.002	.002	0	0
67	CORN PL5	PY	.002	.002	0	0
68	CORN PL4	PY	.002	.002	0	0
69	CORN PL3	PY	.002	.002	0	0
70	CORN PL2	PY	.002	.002	0	0
71	CORN PL1	PY	.002	.002	0	0
72	ANGLE3	PY	.001	.001	0	0
73	ANGLE2	PY	.001	.001	0	0
74	ANGLE1	PY	.001	.001	0	0
75	SUP6	PX	-.000737	-.000737	0	0
76	SUP5	PX	-.000737	-.000737	0	0
77	SUP4	PX	-.000737	-.000737	0	0
78	SUP3	PX	-.000737	-.000737	0	0
79	SUP2	PX	-.000737	-.000737	0	0
80	SUP1	PX	-.000737	-.000737	0	0
81	SO3	PX	-.000672	-.000672	0	0
82	SO2	PX	-.000672	-.000672	0	0
83	SO1	PX	-.000672	-.000672	0	0
84	RAIL3	PX	-.001	-.001	0	0
85	RAIL1	PX	-.001	-.001	0	0
86	RAIL2	PX	-.000531	-.000531	0	0
87	R12	PX	-.000302	-.000302	0	0
88	R11	PX	-.000302	-.000302	0	0
89	R10	PX	-.000302	-.000302	0	0
90	R9	PX	-.000302	-.000302	0	0
91	R8	PX	-.000302	-.000302	0	0
92	R7	PX	-.000302	-.000302	0	0
93	R6	PX	-.000302	-.000302	0	0
94	R5	PX	-.000302	-.000302	0	0
95	R4	PX	-.000302	-.000302	0	0
96	R3	PX	-.000302	-.000302	0	0
97	R2	PX	-.000302	-.000302	0	0
98	R1	PX	-.000302	-.000302	0	0
99	PL12	PX	-.001	-.001	0	0
100	PL11	PX	-.001	-.001	0	0
101	PL10	PX	-.001	-.001	0	0
102	PL9	PX	-.001	-.001	0	0
103	PL8	PX	-.001	-.001	0	0
104	PL7	PX	-.001	-.001	0	0
105	PL6	PX	-.001	-.001	0	0
106	PL5	PX	-.001	-.001	0	0
107	PL4	PX	-.001	-.001	0	0
108	PL3	PX	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
109	PL2	PX	-.001	-.001	0	0
110	PL1	PX	-.001	-.001	0	0
111	MP GAMMA4	PX	-.001	-.001	0	0
112	MP GAMMA3	PX	-.001	-.001	0	0
113	MP GAMMA2	PX	-.001	-.001	0	0
114	MP GAMMA1a	PX	-.001	-.001	0	0
115	MP GAMMA1	PX	-.001	-.001	0	0
116	MP BETA5	PX	-.001	-.001	0	0
117	MP BETA4	PX	-.001	-.001	0	0
118	MP BETA3	PX	-.001	-.001	0	0
119	MP BETA2	PX	-.001	-.001	0	0
120	MP BETA1A	PX	-.001	-.001	0	0
121	MP BETA1	PX	-.001	-.001	0	0
122	MP ALPHA5	PX	-.001	-.001	0	0
123	MP ALPHA4	PX	-.001	-.001	0	0
124	MP ALPHA3	PX	-.001	-.001	0	0
125	MP ALPHA2	PX	-.001	-.001	0	0
126	MP ALPHA1A	PX	-.001	-.001	0	0
127	MP ALPHA1	PX	-.001	-.001	0	0
128	FACE3	PX	-.001	-.001	0	0
129	FACE1	PX	-.001	-.001	0	0
130	FACE2	PX	-.000594	-.000594	0	0
131	CR6	PX	-.000566	-.000566	0	0
132	CR5	PX	-.000566	-.000566	0	0
133	CR4	PX	-.000566	-.000566	0	0
134	CR3	PX	-.000566	-.000566	0	0
135	CR2	PX	-.000566	-.000566	0	0
136	CR1	PX	-.000566	-.000566	0	0
137	CORN PL9	PX	-.001	-.001	0	0
138	CORN PL8	PX	-.001	-.001	0	0
139	CORN PL7	PX	-.001	-.001	0	0
140	CORN PL6	PX	-.001	-.001	0	0
141	CORN PL5	PX	-.001	-.001	0	0
142	CORN PL4	PX	-.001	-.001	0	0
143	CORN PL3	PX	-.001	-.001	0	0
144	CORN PL2	PX	-.001	-.001	0	0
145	CORN PL1	PX	-.001	-.001	0	0
146	ANGLE3	PX	-.000821	-.000821	0	0
147	ANGLE2	PX	-.000821	-.000821	0	0
148	ANGLE1	PX	-.000821	-.000821	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.001	.001	0	0
2	SUP5	PY	.001	.001	0	0
3	SUP4	PY	.001	.001	0	0
4	SUP3	PY	.001	.001	0	0
5	SUP2	PY	.001	.001	0	0
6	SUP1	PY	.001	.001	0	0
7	SO3	PY	.001	.001	0	0
8	SO2	PY	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
9	SO1	PY	.001	.001	0	0
10	RAIL3	PY	.002	.002	0	0
11	RAIL1	PY	.002	.002	0	0
12	RAIL2	PY	.001	.001	0	0
13	R12	PY	.000605	.000605	0	0
14	R11	PY	.000605	.000605	0	0
15	R10	PY	.000605	.000605	0	0
16	R9	PY	.000605	.000605	0	0
17	R8	PY	.000605	.000605	0	0
18	R7	PY	.000605	.000605	0	0
19	R6	PY	.000605	.000605	0	0
20	R5	PY	.000605	.000605	0	0
21	R4	PY	.000605	.000605	0	0
22	R3	PY	.000605	.000605	0	0
23	R2	PY	.000605	.000605	0	0
24	R1	PY	.000605	.000605	0	0
25	PL12	PY	.003	.003	0	0
26	PL11	PY	.003	.003	0	0
27	PL10	PY	.003	.003	0	0
28	PL9	PY	.003	.003	0	0
29	PL8	PY	.003	.003	0	0
30	PL7	PY	.003	.003	0	0
31	PL6	PY	.003	.003	0	0
32	PL5	PY	.003	.003	0	0
33	PL4	PY	.003	.003	0	0
34	PL3	PY	.003	.003	0	0
35	PL2	PY	.003	.003	0	0
36	PL1	PY	.003	.003	0	0
37	MP GAMMA4	PY	.003	.003	0	0
38	MP GAMMA3	PY	.003	.003	0	0
39	MP GAMMA2	PY	.003	.003	0	0
40	MP GAMMA1a	PY	.003	.003	0	0
41	MP GAMMA1	PY	.003	.003	0	0
42	MP BETA5	PY	.003	.003	0	0
43	MP BETA4	PY	.003	.003	0	0
44	MP BETA3	PY	.003	.003	0	0
45	MP BETA2	PY	.003	.003	0	0
46	MP BETA1A	PY	.003	.003	0	0
47	MP BETA1	PY	.003	.003	0	0
48	MP ALPHA5	PY	.003	.003	0	0
49	MP ALPHA4	PY	.003	.003	0	0
50	MP ALPHA3	PY	.003	.003	0	0
51	MP ALPHA2	PY	.003	.003	0	0
52	MP ALPHA1A	PY	.003	.003	0	0
53	MP ALPHA1	PY	.003	.003	0	0
54	FACE3	PY	.002	.002	0	0
55	FACE1	PY	.002	.002	0	0
56	FACE2	PY	.001	.001	0	0
57	CR6	PY	.001	.001	0	0
58	CR5	PY	.001	.001	0	0
59	CR4	PY	.001	.001	0	0
60	CR3	PY	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
61	CR2	PY	.001	.001	0	0
62	CR1	PY	.001	.001	0	0
63	CORN PL9	PY	.003	.003	0	0
64	CORN PL8	PY	.003	.003	0	0
65	CORN PL7	PY	.003	.003	0	0
66	CORN PL6	PY	.003	.003	0	0
67	CORN PL5	PY	.003	.003	0	0
68	CORN PL4	PY	.003	.003	0	0
69	CORN PL3	PY	.003	.003	0	0
70	CORN PL2	PY	.003	.003	0	0
71	CORN PL1	PY	.003	.003	0	0
72	ANGLE3	PY	.002	.002	0	0
73	ANGLE2	PY	.002	.002	0	0
74	ANGLE1	PY	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.001	.001	0	0
2	SUP5	PY	.001	.001	0	0
3	SUP4	PY	.001	.001	0	0
4	SUP3	PY	.001	.001	0	0
5	SUP2	PY	.001	.001	0	0
6	SUP1	PY	.001	.001	0	0
7	SO3	PY	.001	.001	0	0
8	SO2	PY	.001	.001	0	0
9	SO1	PY	.001	.001	0	0
10	RAIL1	PY	.002	.002	0	0
11	RAIL2	PY	.002	.002	0	0
12	RAIL3	PY	.000919	.000919	0	0
13	R12	PY	.000524	.000524	0	0
14	R11	PY	.000524	.000524	0	0
15	R10	PY	.000524	.000524	0	0
16	R9	PY	.000524	.000524	0	0
17	R8	PY	.000524	.000524	0	0
18	R7	PY	.000524	.000524	0	0
19	R6	PY	.000524	.000524	0	0
20	R5	PY	.000524	.000524	0	0
21	R4	PY	.000524	.000524	0	0
22	R3	PY	.000524	.000524	0	0
23	R2	PY	.000524	.000524	0	0
24	R1	PY	.000524	.000524	0	0
25	PL12	PY	.002	.002	0	0
26	PL11	PY	.002	.002	0	0
27	PL10	PY	.002	.002	0	0
28	PL9	PY	.002	.002	0	0
29	PL8	PY	.002	.002	0	0
30	PL7	PY	.002	.002	0	0
31	PL6	PY	.002	.002	0	0
32	PL5	PY	.002	.002	0	0
33	PL4	PY	.002	.002	0	0
34	PL3	PY	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
35	PL2	PY	.002	.002	0	0
36	PL1	PY	.002	.002	0	0
37	MP GAMMA4	PY	.003	.003	0	0
38	MP GAMMA3	PY	.003	.003	0	0
39	MP GAMMA2	PY	.003	.003	0	0
40	MP GAMMA1a	PY	.003	.003	0	0
41	MP GAMMA1	PY	.003	.003	0	0
42	MP BETA5	PY	.003	.003	0	0
43	MP BETA4	PY	.003	.003	0	0
44	MP BETA3	PY	.003	.003	0	0
45	MP BETA2	PY	.003	.003	0	0
46	MP BETA1A	PY	.003	.003	0	0
47	MP BETA1	PY	.003	.003	0	0
48	MP ALPHA5	PY	.003	.003	0	0
49	MP ALPHA4	PY	.003	.003	0	0
50	MP ALPHA3	PY	.003	.003	0	0
51	MP ALPHA2	PY	.003	.003	0	0
52	MP ALPHA1A	PY	.003	.003	0	0
53	MP ALPHA1	PY	.003	.003	0	0
54	FACE1	PY	.002	.002	0	0
55	FACE2	PY	.002	.002	0	0
56	FACE3	PY	.001	.001	0	0
57	CR6	PY	.00098	.00098	0	0
58	CR5	PY	.00098	.00098	0	0
59	CR4	PY	.00098	.00098	0	0
60	CR3	PY	.00098	.00098	0	0
61	CR2	PY	.00098	.00098	0	0
62	CR1	PY	.00098	.00098	0	0
63	CORN PL9	PY	.002	.002	0	0
64	CORN PL8	PY	.002	.002	0	0
65	CORN PL7	PY	.002	.002	0	0
66	CORN PL6	PY	.002	.002	0	0
67	CORN PL5	PY	.002	.002	0	0
68	CORN PL4	PY	.002	.002	0	0
69	CORN PL3	PY	.002	.002	0	0
70	CORN PL2	PY	.002	.002	0	0
71	CORN PL1	PY	.002	.002	0	0
72	ANGLE3	PY	.001	.001	0	0
73	ANGLE2	PY	.001	.001	0	0
74	ANGLE1	PY	.001	.001	0	0
75	SUP6	PX	.000737	.000737	0	0
76	SUP5	PX	.000737	.000737	0	0
77	SUP4	PX	.000737	.000737	0	0
78	SUP3	PX	.000737	.000737	0	0
79	SUP2	PX	.000737	.000737	0	0
80	SUP1	PX	.000737	.000737	0	0
81	SO3	PX	.000672	.000672	0	0
82	SO2	PX	.000672	.000672	0	0
83	SO1	PX	.000672	.000672	0	0
84	RAIL1	PX	.001	.001	0	0
85	RAIL2	PX	.001	.001	0	0
86	RAIL3	PX	.000531	.000531	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
87	R12	PX	.000302	.000302	0	0
88	R11	PX	.000302	.000302	0	0
89	R10	PX	.000302	.000302	0	0
90	R9	PX	.000302	.000302	0	0
91	R8	PX	.000302	.000302	0	0
92	R7	PX	.000302	.000302	0	0
93	R6	PX	.000302	.000302	0	0
94	R5	PX	.000302	.000302	0	0
95	R4	PX	.000302	.000302	0	0
96	R3	PX	.000302	.000302	0	0
97	R2	PX	.000302	.000302	0	0
98	R1	PX	.000302	.000302	0	0
99	PL12	PX	.001	.001	0	0
100	PL11	PX	.001	.001	0	0
101	PL10	PX	.001	.001	0	0
102	PL9	PX	.001	.001	0	0
103	PL8	PX	.001	.001	0	0
104	PL7	PX	.001	.001	0	0
105	PL6	PX	.001	.001	0	0
106	PL5	PX	.001	.001	0	0
107	PL4	PX	.001	.001	0	0
108	PL3	PX	.001	.001	0	0
109	PL2	PX	.001	.001	0	0
110	PL1	PX	.001	.001	0	0
111	MP GAMMA4	PX	.001	.001	0	0
112	MP GAMMA3	PX	.001	.001	0	0
113	MP GAMMA2	PX	.001	.001	0	0
114	MP GAMMA1a	PX	.001	.001	0	0
115	MP GAMMA1	PX	.001	.001	0	0
116	MP BETA5	PX	.001	.001	0	0
117	MP BETA4	PX	.001	.001	0	0
118	MP BETA3	PX	.001	.001	0	0
119	MP BETA2	PX	.001	.001	0	0
120	MP BETA1A	PX	.001	.001	0	0
121	MP BETA1	PX	.001	.001	0	0
122	MP ALPHA5	PX	.001	.001	0	0
123	MP ALPHA4	PX	.001	.001	0	0
124	MP ALPHA3	PX	.001	.001	0	0
125	MP ALPHA2	PX	.001	.001	0	0
126	MP ALPHA1A	PX	.001	.001	0	0
127	MP ALPHA1	PX	.001	.001	0	0
128	FACE1	PX	.001	.001	0	0
129	FACE2	PX	.001	.001	0	0
130	FACE3	PX	.000594	.000594	0	0
131	CR6	PX	.000566	.000566	0	0
132	CR5	PX	.000566	.000566	0	0
133	CR4	PX	.000566	.000566	0	0
134	CR3	PX	.000566	.000566	0	0
135	CR2	PX	.000566	.000566	0	0
136	CR1	PX	.000566	.000566	0	0
137	CORN PL9	PX	.001	.001	0	0
138	CORN PL8	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
139	CORN PL7	PX	.001	.001	0	0
140	CORN PL6	PX	.001	.001	0	0
141	CORN PL5	PX	.001	.001	0	0
142	CORN PL4	PX	.001	.001	0	0
143	CORN PL3	PX	.001	.001	0	0
144	CORN PL2	PX	.001	.001	0	0
145	CORN PL1	PX	.001	.001	0	0
146	ANGLE3	PX	.000821	.000821	0	0
147	ANGLE2	PX	.000821	.000821	0	0
148	ANGLE1	PX	.000821	.000821	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	.000737	.000737	0	0
2	SUP5	PY	.000737	.000737	0	0
3	SUP4	PY	.000737	.000737	0	0
4	SUP3	PY	.000737	.000737	0	0
5	SUP2	PY	.000737	.000737	0	0
6	SUP1	PY	.000737	.000737	0	0
7	SO3	PY	.000672	.000672	0	0
8	SO2	PY	.000672	.000672	0	0
9	SO1	PY	.000672	.000672	0	0
10	RAIL1	PY	.001	.001	0	0
11	RAIL2	PY	.001	.001	0	0
12	RAIL3	PY	.000531	.000531	0	0
13	R12	PY	.000302	.000302	0	0
14	R11	PY	.000302	.000302	0	0
15	R10	PY	.000302	.000302	0	0
16	R9	PY	.000302	.000302	0	0
17	R8	PY	.000302	.000302	0	0
18	R7	PY	.000302	.000302	0	0
19	R6	PY	.000302	.000302	0	0
20	R5	PY	.000302	.000302	0	0
21	R4	PY	.000302	.000302	0	0
22	R3	PY	.000302	.000302	0	0
23	R2	PY	.000302	.000302	0	0
24	R1	PY	.000302	.000302	0	0
25	PL12	PY	.001	.001	0	0
26	PL11	PY	.001	.001	0	0
27	PL10	PY	.001	.001	0	0
28	PL9	PY	.001	.001	0	0
29	PL8	PY	.001	.001	0	0
30	PL7	PY	.001	.001	0	0
31	PL6	PY	.001	.001	0	0
32	PL5	PY	.001	.001	0	0
33	PL4	PY	.001	.001	0	0
34	PL3	PY	.001	.001	0	0
35	PL2	PY	.001	.001	0	0
36	PL1	PY	.001	.001	0	0
37	MP GAMMA4	PY	.001	.001	0	0
38	MP GAMMA3	PY	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
39	MP GAMMA2	PY	.001	.001	0	0
40	MP GAMMA1a	PY	.001	.001	0	0
41	MP GAMMA1	PY	.001	.001	0	0
42	MP BETA5	PY	.001	.001	0	0
43	MP BETA4	PY	.001	.001	0	0
44	MP BETA3	PY	.001	.001	0	0
45	MP BETA2	PY	.001	.001	0	0
46	MP BETA1A	PY	.001	.001	0	0
47	MP BETA1	PY	.001	.001	0	0
48	MP ALPHA5	PY	.001	.001	0	0
49	MP ALPHA4	PY	.001	.001	0	0
50	MP ALPHA3	PY	.001	.001	0	0
51	MP ALPHA2	PY	.001	.001	0	0
52	MP ALPHA1A	PY	.001	.001	0	0
53	MP ALPHA1	PY	.001	.001	0	0
54	FACE1	PY	.001	.001	0	0
55	FACE2	PY	.001	.001	0	0
56	FACE3	PY	.000594	.000594	0	0
57	CR6	PY	.000566	.000566	0	0
58	CR5	PY	.000566	.000566	0	0
59	CR4	PY	.000566	.000566	0	0
60	CR3	PY	.000566	.000566	0	0
61	CR2	PY	.000566	.000566	0	0
62	CR1	PY	.000566	.000566	0	0
63	CORN PL9	PY	.001	.001	0	0
64	CORN PL8	PY	.001	.001	0	0
65	CORN PL7	PY	.001	.001	0	0
66	CORN PL6	PY	.001	.001	0	0
67	CORN PL5	PY	.001	.001	0	0
68	CORN PL4	PY	.001	.001	0	0
69	CORN PL3	PY	.001	.001	0	0
70	CORN PL2	PY	.001	.001	0	0
71	CORN PL1	PY	.001	.001	0	0
72	ANGLE3	PY	.000821	.000821	0	0
73	ANGLE2	PY	.000821	.000821	0	0
74	ANGLE1	PY	.000821	.000821	0	0
75	SUP6	PX	.001	.001	0	0
76	SUP5	PX	.001	.001	0	0
77	SUP4	PX	.001	.001	0	0
78	SUP3	PX	.001	.001	0	0
79	SUP2	PX	.001	.001	0	0
80	SUP1	PX	.001	.001	0	0
81	SO3	PX	.001	.001	0	0
82	SO2	PX	.001	.001	0	0
83	SO1	PX	.001	.001	0	0
84	RAIL1	PX	.002	.002	0	0
85	RAIL2	PX	.002	.002	0	0
86	RAIL3	PX	.000919	.000919	0	0
87	R12	PX	.000524	.000524	0	0
88	R11	PX	.000524	.000524	0	0
89	R10	PX	.000524	.000524	0	0
90	R9	PX	.000524	.000524	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
91	R8	PX	.000524	.000524	0	0
92	R7	PX	.000524	.000524	0	0
93	R6	PX	.000524	.000524	0	0
94	R5	PX	.000524	.000524	0	0
95	R4	PX	.000524	.000524	0	0
96	R3	PX	.000524	.000524	0	0
97	R2	PX	.000524	.000524	0	0
98	R1	PX	.000524	.000524	0	0
99	PL12	PX	.002	.002	0	0
100	PL11	PX	.002	.002	0	0
101	PL10	PX	.002	.002	0	0
102	PL9	PX	.002	.002	0	0
103	PL8	PX	.002	.002	0	0
104	PL7	PX	.002	.002	0	0
105	PL6	PX	.002	.002	0	0
106	PL5	PX	.002	.002	0	0
107	PL4	PX	.002	.002	0	0
108	PL3	PX	.002	.002	0	0
109	PL2	PX	.002	.002	0	0
110	PL1	PX	.002	.002	0	0
111	MP GAMMA4	PX	.003	.003	0	0
112	MP GAMMA3	PX	.003	.003	0	0
113	MP GAMMA2	PX	.003	.003	0	0
114	MP GAMMA1a	PX	.003	.003	0	0
115	MP GAMMA1	PX	.003	.003	0	0
116	MP BETA5	PX	.003	.003	0	0
117	MP BETA4	PX	.003	.003	0	0
118	MP BETA3	PX	.003	.003	0	0
119	MP BETA2	PX	.003	.003	0	0
120	MP BETA1A	PX	.003	.003	0	0
121	MP BETA1	PX	.003	.003	0	0
122	MP ALPHA5	PX	.003	.003	0	0
123	MP ALPHA4	PX	.003	.003	0	0
124	MP ALPHA3	PX	.003	.003	0	0
125	MP ALPHA2	PX	.003	.003	0	0
126	MP ALPHA1A	PX	.003	.003	0	0
127	MP ALPHA1	PX	.003	.003	0	0
128	FACE1	PX	.002	.002	0	0
129	FACE2	PX	.002	.002	0	0
130	FACE3	PX	.001	.001	0	0
131	CR6	PX	.00098	.00098	0	0
132	CR5	PX	.00098	.00098	0	0
133	CR4	PX	.00098	.00098	0	0
134	CR3	PX	.00098	.00098	0	0
135	CR2	PX	.00098	.00098	0	0
136	CR1	PX	.00098	.00098	0	0
137	CORN PL9	PX	.002	.002	0	0
138	CORN PL8	PX	.002	.002	0	0
139	CORN PL7	PX	.002	.002	0	0
140	CORN PL6	PX	.002	.002	0	0
141	CORN PL5	PX	.002	.002	0	0
142	CORN PL4	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
143	CORN PL3	PX	.002	.002	0	0
144	CORN PL2	PX	.002	.002	0	0
145	CORN PL1	PX	.002	.002	0	0
146	ANGLE3	PX	.001	.001	0	0
147	ANGLE2	PX	.001	.001	0	0
148	ANGLE1	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PX	.001	.001	0	0
2	SUP5	PX	.001	.001	0	0
3	SUP4	PX	.001	.001	0	0
4	SUP3	PX	.001	.001	0	0
5	SUP2	PX	.001	.001	0	0
6	SUP1	PX	.001	.001	0	0
7	SO3	PX	.001	.001	0	0
8	SO2	PX	.001	.001	0	0
9	SO1	PX	.001	.001	0	0
10	RAIL1	PX	.002	.002	0	0
11	RAIL2	PX	.002	.002	0	0
12	RAIL3	PX	.001	.001	0	0
13	R12	PX	.000605	.000605	0	0
14	R11	PX	.000605	.000605	0	0
15	R10	PX	.000605	.000605	0	0
16	R9	PX	.000605	.000605	0	0
17	R8	PX	.000605	.000605	0	0
18	R7	PX	.000605	.000605	0	0
19	R6	PX	.000605	.000605	0	0
20	R5	PX	.000605	.000605	0	0
21	R4	PX	.000605	.000605	0	0
22	R3	PX	.000605	.000605	0	0
23	R2	PX	.000605	.000605	0	0
24	R1	PX	.000605	.000605	0	0
25	PL12	PX	.003	.003	0	0
26	PL11	PX	.003	.003	0	0
27	PL10	PX	.003	.003	0	0
28	PL9	PX	.003	.003	0	0
29	PL8	PX	.003	.003	0	0
30	PL7	PX	.003	.003	0	0
31	PL6	PX	.003	.003	0	0
32	PL5	PX	.003	.003	0	0
33	PL4	PX	.003	.003	0	0
34	PL3	PX	.003	.003	0	0
35	PL2	PX	.003	.003	0	0
36	PL1	PX	.003	.003	0	0
37	MP GAMMA4	PX	.003	.003	0	0
38	MP GAMMA3	PX	.003	.003	0	0
39	MP GAMMA2	PX	.003	.003	0	0
40	MP GAMMA1a	PX	.003	.003	0	0
41	MP GAMMA1	PX	.003	.003	0	0
42	MP BETA5	PX	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
43	MP BETA4	PX	.003	.003	0	0
44	MP BETA3	PX	.003	.003	0	0
45	MP BETA2	PX	.003	.003	0	0
46	MP BETA1A	PX	.003	.003	0	0
47	MP BETA1	PX	.003	.003	0	0
48	MP ALPHA5	PX	.003	.003	0	0
49	MP ALPHA4	PX	.003	.003	0	0
50	MP ALPHA3	PX	.003	.003	0	0
51	MP ALPHA2	PX	.003	.003	0	0
52	MP ALPHA1A	PX	.003	.003	0	0
53	MP ALPHA1	PX	.003	.003	0	0
54	FACE1	PX	.002	.002	0	0
55	FACE2	PX	.002	.002	0	0
56	FACE3	PX	.001	.001	0	0
57	CR6	PX	.001	.001	0	0
58	CR5	PX	.001	.001	0	0
59	CR4	PX	.001	.001	0	0
60	CR3	PX	.001	.001	0	0
61	CR2	PX	.001	.001	0	0
62	CR1	PX	.001	.001	0	0
63	CORN PL9	PX	.003	.003	0	0
64	CORN PL8	PX	.003	.003	0	0
65	CORN PL7	PX	.003	.003	0	0
66	CORN PL6	PX	.003	.003	0	0
67	CORN PL5	PX	.003	.003	0	0
68	CORN PL4	PX	.003	.003	0	0
69	CORN PL3	PX	.003	.003	0	0
70	CORN PL2	PX	.003	.003	0	0
71	CORN PL1	PX	.003	.003	0	0
72	ANGLE3	PX	.002	.002	0	0
73	ANGLE2	PX	.002	.002	0	0
74	ANGLE1	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.000737	-.000737	0	0
2	SUP5	PY	-.000737	-.000737	0	0
3	SUP4	PY	-.000737	-.000737	0	0
4	SUP3	PY	-.000737	-.000737	0	0
5	SUP2	PY	-.000737	-.000737	0	0
6	SUP1	PY	-.000737	-.000737	0	0
7	SO3	PY	-.000672	-.000672	0	0
8	SO2	PY	-.000672	-.000672	0	0
9	SO1	PY	-.000672	-.000672	0	0
10	RAIL1	PY	-.001	-.001	0	0
11	RAIL2	PY	-.001	-.001	0	0
12	RAIL3	PY	-.000531	-.000531	0	0
13	R12	PY	-.000302	-.000302	0	0
14	R11	PY	-.000302	-.000302	0	0
15	R10	PY	-.000302	-.000302	0	0
16	R9	PY	-.000302	-.000302	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
17	R8	PY	-.000302	-.000302	0	0
18	R7	PY	-.000302	-.000302	0	0
19	R6	PY	-.000302	-.000302	0	0
20	R5	PY	-.000302	-.000302	0	0
21	R4	PY	-.000302	-.000302	0	0
22	R3	PY	-.000302	-.000302	0	0
23	R2	PY	-.000302	-.000302	0	0
24	R1	PY	-.000302	-.000302	0	0
25	PL12	PY	-.001	-.001	0	0
26	PL11	PY	-.001	-.001	0	0
27	PL10	PY	-.001	-.001	0	0
28	PL9	PY	-.001	-.001	0	0
29	PL8	PY	-.001	-.001	0	0
30	PL7	PY	-.001	-.001	0	0
31	PL6	PY	-.001	-.001	0	0
32	PL5	PY	-.001	-.001	0	0
33	PL4	PY	-.001	-.001	0	0
34	PL3	PY	-.001	-.001	0	0
35	PL2	PY	-.001	-.001	0	0
36	PL1	PY	-.001	-.001	0	0
37	MP GAMMA4	PY	-.001	-.001	0	0
38	MP GAMMA3	PY	-.001	-.001	0	0
39	MP GAMMA2	PY	-.001	-.001	0	0
40	MP GAMMA1a	PY	-.001	-.001	0	0
41	MP GAMMA1	PY	-.001	-.001	0	0
42	MP BETA5	PY	-.001	-.001	0	0
43	MP BETA4	PY	-.001	-.001	0	0
44	MP BETA3	PY	-.001	-.001	0	0
45	MP BETA2	PY	-.001	-.001	0	0
46	MP BETA1A	PY	-.001	-.001	0	0
47	MP BETA1	PY	-.001	-.001	0	0
48	MP ALPHA5	PY	-.001	-.001	0	0
49	MP ALPHA4	PY	-.001	-.001	0	0
50	MP ALPHA3	PY	-.001	-.001	0	0
51	MP ALPHA2	PY	-.001	-.001	0	0
52	MP ALPHA1A	PY	-.001	-.001	0	0
53	MP ALPHA1	PY	-.001	-.001	0	0
54	FACE1	PY	-.001	-.001	0	0
55	FACE2	PY	-.001	-.001	0	0
56	FACE3	PY	-.000594	-.000594	0	0
57	CR6	PY	-.000566	-.000566	0	0
58	CR5	PY	-.000566	-.000566	0	0
59	CR4	PY	-.000566	-.000566	0	0
60	CR3	PY	-.000566	-.000566	0	0
61	CR2	PY	-.000566	-.000566	0	0
62	CR1	PY	-.000566	-.000566	0	0
63	CORN PL9	PY	-.001	-.001	0	0
64	CORN PL8	PY	-.001	-.001	0	0
65	CORN PL7	PY	-.001	-.001	0	0
66	CORN PL6	PY	-.001	-.001	0	0
67	CORN PL5	PY	-.001	-.001	0	0
68	CORN PL4	PY	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
69	CORN PL3	PY	-.001	-.001	0	0
70	CORN PL2	PY	-.001	-.001	0	0
71	CORN PL1	PY	-.001	-.001	0	0
72	ANGLE3	PY	-.000821	-.000821	0	0
73	ANGLE2	PY	-.000821	-.000821	0	0
74	ANGLE1	PY	-.000821	-.000821	0	0
75	SUP6	PX	.001	.001	0	0
76	SUP5	PX	.001	.001	0	0
77	SUP4	PX	.001	.001	0	0
78	SUP3	PX	.001	.001	0	0
79	SUP2	PX	.001	.001	0	0
80	SUP1	PX	.001	.001	0	0
81	SO3	PX	.001	.001	0	0
82	SO2	PX	.001	.001	0	0
83	SO1	PX	.001	.001	0	0
84	RAIL1	PX	.002	.002	0	0
85	RAIL2	PX	.002	.002	0	0
86	RAIL3	PX	.000919	.000919	0	0
87	R12	PX	.000524	.000524	0	0
88	R11	PX	.000524	.000524	0	0
89	R10	PX	.000524	.000524	0	0
90	R9	PX	.000524	.000524	0	0
91	R8	PX	.000524	.000524	0	0
92	R7	PX	.000524	.000524	0	0
93	R6	PX	.000524	.000524	0	0
94	R5	PX	.000524	.000524	0	0
95	R4	PX	.000524	.000524	0	0
96	R3	PX	.000524	.000524	0	0
97	R2	PX	.000524	.000524	0	0
98	R1	PX	.000524	.000524	0	0
99	PL12	PX	.002	.002	0	0
100	PL11	PX	.002	.002	0	0
101	PL10	PX	.002	.002	0	0
102	PL9	PX	.002	.002	0	0
103	PL8	PX	.002	.002	0	0
104	PL7	PX	.002	.002	0	0
105	PL6	PX	.002	.002	0	0
106	PL5	PX	.002	.002	0	0
107	PL4	PX	.002	.002	0	0
108	PL3	PX	.002	.002	0	0
109	PL2	PX	.002	.002	0	0
110	PL1	PX	.002	.002	0	0
111	MP GAMMA4	PX	.003	.003	0	0
112	MP GAMMA3	PX	.003	.003	0	0
113	MP GAMMA2	PX	.003	.003	0	0
114	MP GAMMA1a	PX	.003	.003	0	0
115	MP GAMMA1	PX	.003	.003	0	0
116	MP BETA5	PX	.003	.003	0	0
117	MP BETA4	PX	.003	.003	0	0
118	MP BETA3	PX	.003	.003	0	0
119	MP BETA2	PX	.003	.003	0	0
120	MP BETA1A	PX	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
121	MP BETA1	PX	.003	.003	0	0
122	MP ALPHA5	PX	.003	.003	0	0
123	MP ALPHA4	PX	.003	.003	0	0
124	MP ALPHA3	PX	.003	.003	0	0
125	MP ALPHA2	PX	.003	.003	0	0
126	MP ALPHA1A	PX	.003	.003	0	0
127	MP ALPHA1	PX	.003	.003	0	0
128	FACE1	PX	.002	.002	0	0
129	FACE2	PX	.002	.002	0	0
130	FACE3	PX	.001	.001	0	0
131	CR6	PX	.00098	.00098	0	0
132	CR5	PX	.00098	.00098	0	0
133	CR4	PX	.00098	.00098	0	0
134	CR3	PX	.00098	.00098	0	0
135	CR2	PX	.00098	.00098	0	0
136	CR1	PX	.00098	.00098	0	0
137	CORN PL9	PX	.002	.002	0	0
138	CORN PL8	PX	.002	.002	0	0
139	CORN PL7	PX	.002	.002	0	0
140	CORN PL6	PX	.002	.002	0	0
141	CORN PL5	PX	.002	.002	0	0
142	CORN PL4	PX	.002	.002	0	0
143	CORN PL3	PX	.002	.002	0	0
144	CORN PL2	PX	.002	.002	0	0
145	CORN PL1	PX	.002	.002	0	0
146	ANGLE3	PX	.001	.001	0	0
147	ANGLE2	PX	.001	.001	0	0
148	ANGLE1	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP6	PY	-.001	-.001	0	0
2	SUP5	PY	-.001	-.001	0	0
3	SUP4	PY	-.001	-.001	0	0
4	SUP3	PY	-.001	-.001	0	0
5	SUP2	PY	-.001	-.001	0	0
6	SUP1	PY	-.001	-.001	0	0
7	SO3	PY	-.001	-.001	0	0
8	SO2	PY	-.001	-.001	0	0
9	SO1	PY	-.001	-.001	0	0
10	RAIL3	PY	-.002	-.002	0	0
11	RAIL2	PY	-.002	-.002	0	0
12	RAIL1	PY	-.000919	-.000919	0	0
13	R12	PY	-.000524	-.000524	0	0
14	R11	PY	-.000524	-.000524	0	0
15	R10	PY	-.000524	-.000524	0	0
16	R9	PY	-.000524	-.000524	0	0
17	R8	PY	-.000524	-.000524	0	0
18	R7	PY	-.000524	-.000524	0	0
19	R6	PY	-.000524	-.000524	0	0
20	R5	PY	-.000524	-.000524	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
21	R4	PY	-.000524	-.000524	0	0
22	R3	PY	-.000524	-.000524	0	0
23	R2	PY	-.000524	-.000524	0	0
24	R1	PY	-.000524	-.000524	0	0
25	PL12	PY	-.002	-.002	0	0
26	PL11	PY	-.002	-.002	0	0
27	PL10	PY	-.002	-.002	0	0
28	PL9	PY	-.002	-.002	0	0
29	PL8	PY	-.002	-.002	0	0
30	PL7	PY	-.002	-.002	0	0
31	PL6	PY	-.002	-.002	0	0
32	PL5	PY	-.002	-.002	0	0
33	PL4	PY	-.002	-.002	0	0
34	PL3	PY	-.002	-.002	0	0
35	PL2	PY	-.002	-.002	0	0
36	PL1	PY	-.002	-.002	0	0
37	MP GAMMA4	PY	-.003	-.003	0	0
38	MP GAMMA3	PY	-.003	-.003	0	0
39	MP GAMMA2	PY	-.003	-.003	0	0
40	MP GAMMA1a	PY	-.003	-.003	0	0
41	MP GAMMA1	PY	-.003	-.003	0	0
42	MP BETA5	PY	-.003	-.003	0	0
43	MP BETA4	PY	-.003	-.003	0	0
44	MP BETA3	PY	-.003	-.003	0	0
45	MP BETA2	PY	-.003	-.003	0	0
46	MP BETA1A	PY	-.003	-.003	0	0
47	MP BETA1	PY	-.003	-.003	0	0
48	MP ALPHA5	PY	-.003	-.003	0	0
49	MP ALPHA4	PY	-.003	-.003	0	0
50	MP ALPHA3	PY	-.003	-.003	0	0
51	MP ALPHA2	PY	-.003	-.003	0	0
52	MP ALPHA1A	PY	-.003	-.003	0	0
53	MP ALPHA1	PY	-.003	-.003	0	0
54	FACE3	PY	-.002	-.002	0	0
55	FACE2	PY	-.002	-.002	0	0
56	FACE1	PY	-.001	-.001	0	0
57	CR6	PY	-.00098	-.00098	0	0
58	CR5	PY	-.00098	-.00098	0	0
59	CR4	PY	-.00098	-.00098	0	0
60	CR3	PY	-.00098	-.00098	0	0
61	CR2	PY	-.00098	-.00098	0	0
62	CR1	PY	-.00098	-.00098	0	0
63	CORN PL9	PY	-.002	-.002	0	0
64	CORN PL8	PY	-.002	-.002	0	0
65	CORN PL7	PY	-.002	-.002	0	0
66	CORN PL6	PY	-.002	-.002	0	0
67	CORN PL5	PY	-.002	-.002	0	0
68	CORN PL4	PY	-.002	-.002	0	0
69	CORN PL3	PY	-.002	-.002	0	0
70	CORN PL2	PY	-.002	-.002	0	0
71	CORN PL1	PY	-.002	-.002	0	0
72	ANGLE3	PY	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
73	ANGLE2	PY	-.001	-.001	0	0
74	ANGLE1	PY	-.001	-.001	0	0
75	SUP6	PX	.000737	.000737	0	0
76	SUP5	PX	.000737	.000737	0	0
77	SUP4	PX	.000737	.000737	0	0
78	SUP3	PX	.000737	.000737	0	0
79	SUP2	PX	.000737	.000737	0	0
80	SUP1	PX	.000737	.000737	0	0
81	SO3	PX	.000672	.000672	0	0
82	SO2	PX	.000672	.000672	0	0
83	SO1	PX	.000672	.000672	0	0
84	RAIL3	PX	.001	.001	0	0
85	RAIL2	PX	.001	.001	0	0
86	RAIL1	PX	.000531	.000531	0	0
87	R12	PX	.000302	.000302	0	0
88	R11	PX	.000302	.000302	0	0
89	R10	PX	.000302	.000302	0	0
90	R9	PX	.000302	.000302	0	0
91	R8	PX	.000302	.000302	0	0
92	R7	PX	.000302	.000302	0	0
93	R6	PX	.000302	.000302	0	0
94	R5	PX	.000302	.000302	0	0
95	R4	PX	.000302	.000302	0	0
96	R3	PX	.000302	.000302	0	0
97	R2	PX	.000302	.000302	0	0
98	R1	PX	.000302	.000302	0	0
99	PL12	PX	.001	.001	0	0
100	PL11	PX	.001	.001	0	0
101	PL10	PX	.001	.001	0	0
102	PL9	PX	.001	.001	0	0
103	PL8	PX	.001	.001	0	0
104	PL7	PX	.001	.001	0	0
105	PL6	PX	.001	.001	0	0
106	PL5	PX	.001	.001	0	0
107	PL4	PX	.001	.001	0	0
108	PL3	PX	.001	.001	0	0
109	PL2	PX	.001	.001	0	0
110	PL1	PX	.001	.001	0	0
111	MP GAMMA4	PX	.001	.001	0	0
112	MP GAMMA3	PX	.001	.001	0	0
113	MP GAMMA2	PX	.001	.001	0	0
114	MP GAMMA1a	PX	.001	.001	0	0
115	MP GAMMA1	PX	.001	.001	0	0
116	MP BETA5	PX	.001	.001	0	0
117	MP BETA4	PX	.001	.001	0	0
118	MP BETA3	PX	.001	.001	0	0
119	MP BETA2	PX	.001	.001	0	0
120	MP BETA1A	PX	.001	.001	0	0
121	MP BETA1	PX	.001	.001	0	0
122	MP ALPHA5	PX	.001	.001	0	0
123	MP ALPHA4	PX	.001	.001	0	0
124	MP ALPHA3	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
125	MP ALPHA2	PX	.001	.001	0	0
126	MP ALPHA1A	PX	.001	.001	0	0
127	MP ALPHA1	PX	.001	.001	0	0
128	FACE3	PX	.001	.001	0	0
129	FACE2	PX	.001	.001	0	0
130	FACE1	PX	.000594	.000594	0	0
131	CR6	PX	.000566	.000566	0	0
132	CR5	PX	.000566	.000566	0	0
133	CR4	PX	.000566	.000566	0	0
134	CR3	PX	.000566	.000566	0	0
135	CR2	PX	.000566	.000566	0	0
136	CR1	PX	.000566	.000566	0	0
137	CORN PL9	PX	.001	.001	0	0
138	CORN PL8	PX	.001	.001	0	0
139	CORN PL7	PX	.001	.001	0	0
140	CORN PL6	PX	.001	.001	0	0
141	CORN PL5	PX	.001	.001	0	0
142	CORN PL4	PX	.001	.001	0	0
143	CORN PL3	PX	.001	.001	0	0
144	CORN PL2	PX	.001	.001	0	0
145	CORN PL1	PX	.001	.001	0	0
146	ANGLE3	PX	.000821	.000821	0	0
147	ANGLE2	PX	.000821	.000821	0	0
148	ANGLE1	PX	.000821	.000821	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP4	Z	-.003	-.01	.842	2.526
2	SUP4	Z	-.01	-.016	2.526	4.21
3	SUP3	Z	-.002	-.012	0	1.403
4	SUP3	Z	-.012	-.014	1.403	2.807
5	SUP3	Z	-.014	-.009	2.807	4.21
6	SUP2	Z	-.002	-.012	0	1.403
7	SUP2	Z	-.012	-.014	1.403	2.807
8	SUP2	Z	-.014	-.009	2.807	4.21
9	SUP1	Z	-.003	-.01	.842	2.526
10	SUP1	Z	-.01	-.016	2.526	4.21
11	SUP6	Z	-.003	-.01	.842	2.526
12	SUP6	Z	-.01	-.016	2.526	4.21
13	SUP5	Z	-.002	-.012	0	1.403
14	SUP5	Z	-.012	-.014	1.403	2.807
15	SUP5	Z	-.014	-.009	2.807	4.21

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
1	SUP4	Z	-.003	-.016	0	1.403
2	SUP4	Z	-.016	-.02	1.403	2.807
3	SUP4	Z	-.02	-.013	2.807	4.21
4	SUP3	Z	-.004	-.013	.842	2.526
5	SUP3	Z	-.013	-.023	2.526	4.21
6	SUP2	Z	-.003	-.016	0	1.403

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude[k/ft,F,ksf]	Start Location[ft,...	End Location[ft,...
7	SUP2	Z	-.016	-.02	1.403	2.807
8	SUP2	Z	-.02	-.013	2.807	4.21
9	SUP1	Z	-.004	-.013	.842	2.526
10	SUP1	Z	-.013	-.023	2.526	4.21
11	SUP6	Z	-.003	-.016	0	1.403
12	SUP6	Z	-.016	-.02	1.403	2.807
13	SUP6	Z	-.02	-.013	2.807	4.21
14	SUP5	Z	-.004	-.013	.842	2.526
15	SUP5	Z	-.013	-.023	2.526	4.21

Member Area Loads (BLC 3 : Dead Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N89	N88	N90		Z	Two Way	-.01
2	N50	N49	N48		Z	Two Way	-.01
3	N70	N68	N69		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	N89	N88	N90		Z	Two Way	-.014
2	N50	N49	N48		Z	Two Way	-.014
3	N70	N68	N69		Z	Two Way	-.014

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	N42	max	2.183	8	1.847	2	3.406	9	.507	23	5.952	9	1.851	17
2		min	-2.706	26	-2.16	20	.293	26	-3.339	8	-.515	26	-1.835	35
3	N62	max	2.657	11	1.55	2	3.324	33	.205	14	.725	14	1.778	5
4		min	-2.097	29	-1.909	20	.27	14	-3.516	33	-5.694	33	-1.755	23
5	N82	max	1.779	11	3.12	2	3.397	21	6.881	21	.445	11	1.946	29
6		min	-1.772	29	-2.498	20	.293	2	-.676	2	-.573	29	-1.929	11
7	Totals:	max	6.45	11	6.516	2	9.441	33						
8		min	-6.45	29	-6.568	20	4.565	14						

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribu...	Area(M...	Surface...
1	Live Load	DL					1			
2	Wind Load (0)	DL					51	74		
3	Dead Load	DL			-1.1		51		3	
4	Wind Load (30)	DL					102	148		
5	Wind Load (60)	DL					102	148		
6	Wind Load (90)	DL					51	74		
7	Wind Load (120)	DL					102	148		
8	Wind Load (150)	DL					102	148		
9	Wind Load (180)	DL					51	74		
10	Wind Load (210)	DL					102	148		
11	Wind Load (240)	DL					102	148		
12	Wind Load (270)	DL					51	74		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribu...	Area(M...	Surface...
13	Wind Load (300)	DL					102	148		
14	Wind Load (330)	DL					102	148		
15	Maintanence (0)	DL					51	74		
16	Maintanence (30)	DL					102	148		
17	Maintanence (60)	DL					102	148		
18	Maintanence (90)	DL					51	74		
19	Maintanence (120)	DL					102	148		
20	Maintanence (150)	DL					102	148		
21	Maintanence (180)	DL					51	74		
22	Maintanence (210)	DL					102	148		
23	Maintanence (240)	DL					102	148		
24	Maintanence (270)	DL					51	74		
25	Maintanence (300)	DL					102	148		
26	Maintanence (330)	DL					102	148		
27	Ice Dead Load	DL					51	74	3	
28	Ice Wind Load (0)	DL					51	74		
29	Ice Wind Load (30)	DL					102	148		
30	Ice Wind Load (60)	DL					102	148		
31	Ice Wind Load (90)	DL					51	74		
32	Ice Wind Load (120)	DL					102	148		
33	Ice Wind Load (150)	DL					102	148		
34	Ice Wind Load (180)	DL					51	74		
35	Ice Wind Load (210)	DL					102	148		
36	Ice Wind Load (240)	DL					102	148		
37	Ice Wind Load (270)	DL					51	74		
38	Ice Wind Load (300)	DL					102	148		
39	Ice Wind Load (330)	DL					102	148		
40	Earthquake (x-direction)	DL	-.104				51			
41	Earthquake (y-direction)	DL		-.104			51			
42	Earthquake (z-direction)	DL			-.042		51			
43	BLC 3 Transient Area Loads	None						15		
44	BLC 27 Transient Area Loads	None						15		

Load Combinations

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

Load Combinations (Continued)

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
16	1.2D + 1.5L + 1.0W(120)	Yes	Y		3	1.2	1	1.5	19	1														
17	1.2D + 1.0W(150)	Yes	Y		3	1.2	8	1																
18	1.2D + 1.0Di + 1.0W(150)	Yes	Y		3	1.2	27	1	33	1														
19	1.2D + 1.5L + 1.0W(150)	Yes	Y		3	1.2	1	1.5	20	1														
20	1.2D + 1.0W(180)	Yes	Y		3	1.2	9	1																
21	1.2D + 1.0Di + 1.0W(180)	Yes	Y		3	1.2	27	1	34	1														
22	1.2D + 1.5L + 1.0W(180)	Yes	Y		3	1.2	1	1.5	21	1														
23	1.2D + 1.0W(210)	Yes	Y		3	1.2	10	1																
24	1.2D + 1.0Di + 1.0W(210)	Yes	Y		3	1.2	27	1	35	1														
25	1.2D + 1.5L + 1.0W(210)	Yes	Y		3	1.2	1	1.5	22	1														
26	1.2D + 1.0W(240)	Yes	Y		3	1.2	11	1																
27	1.2D + 1.0Di + 1.0W(240)	Yes	Y		3	1.2	27	1	36	1														
28	1.2D + 1.5L + 1.0W(240)	Yes	Y		3	1.2	1	1.5	23	1														
29	1.2D + 1.0W(270)	Yes	Y		3	1.2	12	1																
30	1.2D + 1.0Di + 1.0W(270)	Yes	Y		3	1.2	27	1	37	1														
31	1.2D + 1.5L + 1.0W(270)	Yes	Y		3	1.2	1	1.5	24	1														
32	1.2D + 1.0W(300)	Yes	Y		3	1.2	13	1																
33	1.2D + 1.0Di + 1.0W(300)	Yes	Y		3	1.2	27	1	38	1														
34	1.2D + 1.5L + 1.0W(300)	Yes	Y		3	1.2	1	1.5	25	1														
35	1.2D + 1.0W(330)	Yes	Y		3	1.2	14	1																
36	1.2D + 1.0Di + 1.0W(330)	Yes	Y		3	1.2	27	1	39	1														
37	1.2D + 1.5L + 1.0W(330)	Yes	Y		3	1.2	1	1.5	26	1														
38	1.2D + 1.0E(x) + 1.0E(z) + L	Yes	Y		3	1.2	40	1	42	1	1	1												
39	1.2D + 1.0E(y) + 1.0E(z) + L	Yes	Y		3	1.2	41	1	42	1	1	1												
40	1.2D - 1.0E(x) + 1.0E(z) + L	Yes	Y		3	1.2	40	-1	42	1	1	1												
41	1.2D - 1.0E(y) + 1.0E(z) + L	Yes	Y		3	1.2	41	-1	42	1	1	1												

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	...	Eqn
1	ANGLE2	L2.5x2.5...	.677	0	35	.167	1.563	y	5	26....	29....	.873	1.972	...	H2...
2	RAIL2	PIPE_2.0	.674	11.51	17	.322	12.3...		35	5.82	32.13	1.872	1.872	...	H3...
3	ANGLE3	L2.5x2.5...	.650	0	11	.171	1.563	y	17	26....	29....	.873	1.972	...	H2...
4	RAIL1	PIPE_2.0	.648	11.51	5	.322	12.3...		23	5.82	32.13	1.872	1.872	...	H3...
5	RAIL3	PIPE_2.0	.645	11.51	29	.317	12.3...		11	5.82	32.13	1.872	1.872	...	H3...
6	ANGLE1	L2.5x2.5...	.643	0	23	.165	1.563	y	29	26....	29....	.873	1.972	...	H2...
7	MP GAMM...	PIPE_2.0	.631	2.773	17	.149	2.773		29	15....	32.13	1.872	1.872	...	H1...
8	MP BETA3	PIPE_2.0	.620	2.773	5	.151	2.773		17	15....	32.13	1.872	1.872	...	H1...
9	MP GAMM...	PIPE_2.0	.604	3.417	20	.253	3.417		23	14....	32.13	1.872	1.872	...	H1...
10	MP BETA4	PIPE_2.0	.597	3.417	8	.252	3.417		11	14....	32.13	1.872	1.872	...	H1...
11	MP ALPHA4	PIPE_2.0	.589	3.417	32	.265	3.417		35	14....	32.13	1.872	1.872	...	H1...
12	MP ALPHA3	PIPE_2.0	.586	2.844	29	.148	2.844		5	8.922	32.13	1.872	1.872	...	H1...
13	SO2	HSS4X4...	.546	5.25	21	.127	5.25	z	27	95....	106...	12....	12....	...	H1...
14	MP GAMM...	PIPE_2.0	.541	4.156	35	.157	4.156		5	8.922	32.13	1.872	1.872	...	H1...
15	SO1	HSS4X4...	.540	5.25	6	.127	5.25	z	15	95....	106...	12....	12....	...	H1...
16	MP BETA2	PIPE_2.0	.538	4.156	23	.159	4.156		29	8.922	32.13	1.872	1.872	...	H1...
17	SO3	HSS4X4...	.536	5.25	32	.134	5.25	z	3	95....	106...	12....	12....	...	H1...
18	MP ALPHA2	PIPE_2.0	.525	4.156	11	.169	4.156		17	8.922	32.13	1.872	1.872	...	H1...
19	MP BETA1A	PIPE_2.0	.475	2.5	20	.278	6.333		14	14....	32.13	1.872	1.872	...	H1...
20	MP GAMM...	PIPE_2.0	.468	2.5	32	.273	6.333		26	14....	32.13	1.872	1.872	...	H1...
21	MP ALPH...	PIPE_2.0	.467	2.5	8	.286	6.333		2	14....	32.13	1.872	1.872	...	H1...

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*.....	Eqn
22	R1	0.62	.441	0	2	.094	.625		35	8.647	9.782	.101	.101	H1..
23	R3	0.62	.440	0	17	.186	.625		14	8.647	9.782	.101	.101	H1..
24	R5	0.62	.438	0	14	.095	.625		11	8.647	9.782	.101	.101	H1..
25	R7	0.62	.437	0	29	.186	.625		26	8.647	9.782	.101	.101	H1..
26	R12	0.62	.434	0	26	.095	.625		23	8.647	9.782	.101	.101	H1..
27	R10	0.62	.432	0	5	.185	.625		2	8.647	9.782	.101	.101	H1..
28	R4	0.62	.391	.625	23	.172	0		14	8.647	9.782	.101	.101	H1..
29	R8	0.62	.391	.625	35	.172	0		26	8.647	9.782	.101	.101	H1..
30	R9	0.62	.385	.625	11	.172	0		2	8.647	9.782	.101	.101	H1..
31	R2	0.62	.369	.625	2	.088	0		35	8.647	9.782	.101	.101	H1..
32	R6	0.62	.363	.625	14	.089	0		11	8.647	9.782	.101	.101	H1..
33	R11	0.62	.361	.625	26	.088	0		23	8.647	9.782	.101	.101	H1..
34	CR2	HSS4X4...	.318	0	9	.107	0	z	9	104...	106...	12....	12....	H1..
35	CR1	HSS4X4...	.316	0	9	.092	0	z	9	104...	106...	12....	12....	H1..
36	CR4	HSS4X4...	.315	0	24	.108	0	z	21	104...	106...	12....	12....	H1..
37	CR3	HSS4X4...	.314	0	21	.091	0	z	21	104...	106...	12....	12....	H1..
38	CORN PL2	6x0.38	.314	.541	20	.108	.541	y	17	35....	73....	.585	9.234	H1..
39	CR6	HSS4X4...	.312	0	36	.106	0	z	33	104...	106...	12....	12....	H1..
40	CORN PL8	6x0.38	.310	.541	8	.141	.541	y	13	35....	73....	.585	9.234	H1..
41	CORN PL5	6x0.38	.310	.541	32	.107	.541	y	29	35....	73....	.585	9.234	H1..
42	CR5	HSS4X4...	.304	0	29	.088	0	z	33	104...	106...	12....	12....	H1..
43	PL4	6x0.38	.261	.177	29	.560	.346	y	21	68....	73....	.585	9.234	H1..
44	PL12	6x0.38	.256	.177	17	.565	.346	y	9	68....	73....	.585	9.234	H1..
45	PL3	6x0.38	.248	.156	11	.528	.156	y	33	69....	73....	.585	9.234	H1..
46	PL11	6x0.38	.246	.156	35	.534	.156	y	21	69....	73....	.585	9.234	H1..
47	PL8	6x0.38	.237	.177	5	.539	.346	y	33	68....	73....	.585	9.234	H1..
48	PL7	6x0.38	.228	.156	23	.522	.156	y	9	69....	73....	.585	9.234	H1..
49	PL6	6x0.38	.226	.156	29	.374	.156	y	6	69....	73....	.585	9.234	H1..
50	PL2	6x0.38	.219	.156	17	.412	.156	y	30	69....	73....	.585	9.234	H1..
51	PL10	6x0.38	.218	.156	5	.396	.156	y	18	69....	73....	.585	9.234	H1..
52	PL5	6x0.38	.214	.177	11	.582	.346	y	24	68....	73....	.585	9.234	H1..
53	SUP5	L2x2x3	.213	0	29	.017	4.21	z	15	9.625	23....	.558	1.199	H2..
54	SUP3	L2x2x3	.211	0	17	.018	4.21	z	3	9.625	23....	.558	1.201	H2..
55	PL1	6x0.38	.208	.177	35	.585	.346	y	9	68....	73....	.585	9.234	H1..
56	PL9	6x0.38	.207	.177	23	.576	.346	y	33	68....	73....	.585	9.234	H1..
57	FACE2	PIPE_3.0	.206	8.531	8	.137	4.469		17	26....	65....	5.749	5.749	H1..
58	FACE3	PIPE_3.0	.203	8.531	20	.130	4.469		29	26....	65....	5.749	5.749	H1..
59	FACE1	PIPE_3.0	.201	8.531	32	.138	4.469		5	26....	65....	5.749	5.749	H1..
60	SUP1	L2x2x3	.197	0	5	.017	4.21	z	27	9.625	23....	.558	1.181	H2..
61	SUP2	L2x2x3	.183	0	34	.018	0	y	24	9.625	23....	.558	1.203	H2..
62	CORN PL1	6x0.38	.183	0	20	.062	0	y	17	68....	73....	.585	9.234	H1..
63	CORN PL7	6x0.38	.182	0	8	.255	0	y	7	68....	73....	.585	9.234	H1..
64	CORN PL4	6x0.38	.179	0	32	.059	0	y	29	68....	73....	.585	9.234	H1..
65	SUP4	L2x2x3	.165	0	6	.018	4.21	y	3	9.625	23....	.558	1.239	H2..
66	SUP6	L2x2x3	.163	0	21	.018	4.21	y	15	9.625	23....	.558	1.239	H2..
67	CORN PL3	6x0.38	.159	0	20	.128	0	y	20	68....	73....	.585	9.234	H1..
68	CORN PL9	6x0.38	.158	0	8	.123	0	y	8	68....	73....	.585	9.234	H1..
69	CORN PL6	6x0.38	.156	0	32	.128	0	y	32	68....	73....	.585	9.234	H1..
70	MP GAMM...	PIPE_2.0	.104	5.083	8	.123	6.833		26	14....	32.13	1.872	1.872	H1..
71	MP BETA1	PIPE_2.0	.104	5.083	32	.125	6.833		14	14....	32.13	1.872	1.872	H1..
72	MP ALPHA1	PIPE_2.0	.104	5.083	20	.128	6.833		2	14....	32.13	1.872	1.872	H1..
73	MP BETA5	PIPE_2.0	.056	.521	5	.008	.521		5	29.81	32.13	1.872	1.872	H1..

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*.....	Eqn
74	MP ALPHA5	PIPE_2.0	.056	.521	29	.008	.521		29	29.81	32.13	1.872	1.872	H1...

APPENDIX D

Additional Calculations

POD
POWER OF DESIGN

POD Job #	**20-71920**
Site Number	**876368**
Site Name	**YANKEE LAKE/EAST HAMPTON/TOWN**

Calculations Based on *TIA-222-H*

Reactions from RISA-3D

Moment	6.881	ft-kip
Axial	0.107	kips
Shear	3.397	kips

Capacities

Bolts	*6.9%*
Flange Plate	*66.6%*

Bolt Information

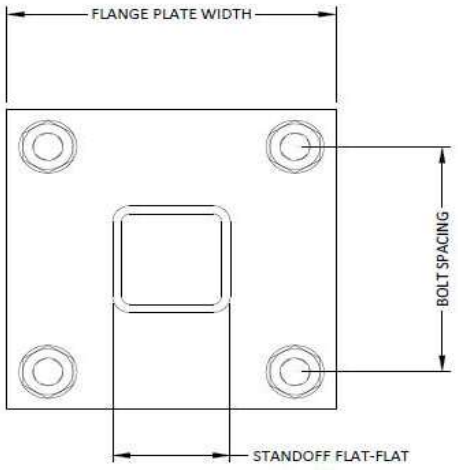
Grade	A325	
Threads in Shear Plane	Included	
Diameter	0.625	in.
Bolt Spacing	8	in.
Number of Rods	4	

Flange Plate Inforation

Width	10	in.
Thickness	0.62	in.
Grade	A36	

Standoff Information

Standoff Member	HSS	
Flat-Flat	4	in.
Thickness	0.1875	in.



Bolt Calculations

ϕ	0.75	
A_{nt}	0.226	in^2
A_b	0.307	in^2
Fu	120	ksi
ϕR_{nv}	13.81	kips
ϕR_{nt}	20.34	kips
V	0.85	kips
F	5.18	kips
Capacity	6.9%	

Flange Plate Calculations

ϕ	0.9	
Fy	36	ksi
t_{min}	0.29	in
Z	1.0	in^3
ϕM_n	31.1	in-kip
M_u	20.7	in-kip
Capacity	66.6%	

Ver 1.0 - 3/5/2019

Exhibit F

EBI Consulting

environmental | engineering | due diligence

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

AT&T Existing Facility

Site ID: 876368 / CTL05838

East Hampton Central
1 Public Works Drive
East Hampton, Connecticut 06424

March 15, 2021

EBI Project Number: 6221001219

Site Compliance Summary	
Compliance Status:	**COMPLIANT**
Site total MPE% of FCC general population allowable limit:	**10.02%**

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

March 15, 2021

Emissions Analysis for Site: 876368 / CTL05838 - East Hampton Central

EBI Consulting was directed to analyze the proposed AT&T facility located at **1 Public Works Drive** in **East Hampton, Connecticut** 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 97-01and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter ($\mu W/cm^2$). The number of $\mu W/cm^2$ calculated at each sample point is called the power density. The exposure limit for power density varies depending upon the frequencies being utilized. Wireless Carriers and Paging Services use different frequency bands each with different exposure limits; therefore, it is necessary to report results and limits in terms of percent MPE rather than power density.

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

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

Public exposure to radio frequencies is regulated and enforced in units of microwatts per square centimeter ($\mu W/cm^2$). The general population exposure limits for the 600 MHz and 700 MHz frequency bands are approximately 400 $\mu W/cm^2$ and 467 $\mu W/cm^2$, respectively. The general population exposure limit for the 1900 MHz (PCS), 2100 MHz (AWS) and 11 GHz frequency bands is 1000 $\mu W/cm^2$. Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report percent of MPE rather than power density.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of

incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Additional details can be found in FCC OET 65.

CALCULATIONS

Calculations were done for the proposed AT&T Wireless antenna facility located at 1 Public Works Drive in East Hampton, Connecticut 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 manufacturer's supplied specifications, minus 10 dB for directional panel antennas and 20 dB for highly focused parabolic microwave dishes, was focused at the base of the tower. For this report, the sample point is the top of a 6-foot person standing at the base of the tower.

For all calculations, all equipment was calculated using the following assumptions:

1) 4 LTE channels (700 MHz Band) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

2) 4 LTE FN channels (700 MHz Band) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

3) 2 UMTS channels (850 MHz Band) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

4) 4 LTE / 5G channels (850 MHz Band) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

5) 4 LTE channels (PCS Band - 1900 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

6) 4 LTE channels (AWS Band – 2100 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

7) 4 LTE channels (WCS Band – 2300 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 25 Watts per Channel.

8) All radios at the proposed installation were considered to be running at full power and were uncombined in their RF transmissions paths per carrier prescribed configuration. Per FCC OET Bulletin No. 65 - Edition 97-01 recommendations to achieve the maximum anticipated value at each sample point, all power levels emitting from the proposed antenna installation are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.

9) For the following calculations, the sample point was the top of a 6-foot person standing at the base of the tower. The maximum gain of the antenna per the antenna manufacturer's supplied specifications, minus 10 dB for directional panel antennas and 20 dB for highly focused parabolic microwave dishes, was used in this direction. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.

10) The antennas used in this modeling are the Powerwave 7770 for the 850 MHz channel(s), the Quintel QS66512-2 for the 1900 MHz / 2300 MHz channel(s), the CCI OPA65R-BU6BA for the 700 MHz / 2100 MHz channel(s), the CCI DMP65R-BU6DA for the 700 MHz / 850 MHz channel(s) in Sector A, the Powerwave 7770 for the 850 MHz channel(s), the Quintel QS66512-2 for the 1900 MHz / 2300 MHz channel(s), the CCI OPA65R-BU6BA for the 700 MHz / 2100 MHz channel(s), the CCI DMP65R-BU6DA for the 700 MHz / 850 MHz channel(s) in Sector B, the Powerwave 7770 for the 850 MHz channel(s), the Quintel QS66512-2 for the 1900 MHz / 2300 MHz channel(s), the CCI OPA65R-BU6BA for the 700 MHz / 2100 MHz channel(s), the CCI DMP65R-BU6DA for the 700 MHz / 850 MHz channel(s) in Sector C. This is based on feedback from the carrier with regard to anticipated antenna selection. All Antenna gain values and associated transmit power levels are shown in the Site Inventory and Power Data table below. The maximum gain of the antenna per the antenna manufacturer's supplied specifications, minus 10 dB for directional panel antennas and 20 dB for highly focused parabolic microwave dishes, was used for all calculations. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.

11) The antenna mounting height centerline of the proposed antennas is 167 feet above ground level (AGL).

12) Emissions values for additional carriers were taken from the Connecticut Siting Council active database. Values in this database are provided by the individual carriers themselves.

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

AT&T Site Inventory and Power Data

Sector:	A	Sector:	B	Sector:	C
Antenna #:	1	Antenna #:	1	Antenna #:	1
Make / Model:	Powerwave 7770	Make / Model:	Powerwave 7770	Make / Model:	Powerwave 7770
Frequency Bands:	850 MHz	Frequency Bands:	850 MHz	Frequency Bands:	850 MHz
Gain:	11.5 dBd	Gain:	11.5 dBd	Gain:	11.5 dBd
Height (AGL):	167 feet	Height (AGL):	167 feet	Height (AGL):	167 feet
Channel Count:	2	Channel Count:	2	Channel Count:	2
Total TX Power (W):	80 Watts	Total TX Power (W):	80 Watts	Total TX Power (W):	80 Watts
ERP (W):	1,130.03	ERP (W):	1,130.03	ERP (W):	1,130.03
Antenna A1 MPE %:	**0.28%**	Antenna B1 MPE %:	**0.28%**	Antenna C1 MPE %:	**0.28%**
Antenna #:	**2**	Antenna #:	**2**	Antenna #:	**2**
Make / Model:	Quintel QS66512-2	Make / Model:	Quintel QS66512-2	Make / Model:	Quintel QS66512-2
Frequency Bands:	1900 MHz / 2300 MHz	Frequency Bands:	1900 MHz / 2300 MHz	Frequency Bands:	1900 MHz / 2300 MHz
Gain:	13.85 dBd / 14.85 dBd	Gain:	13.85 dBd / 14.85 dBd	Gain:	13.85 dBd / 14.85 dBd
Height (AGL):	167 feet	Height (AGL):	167 feet	Height (AGL):	167 feet
Channel Count:	8	Channel Count:	8	Channel Count:	8
Total TX Power (W):	260 Watts	Total TX Power (W):	260 Watts	Total TX Power (W):	260 Watts
ERP (W):	6,937.50	ERP (W):	6,937.50	ERP (W):	6,937.50
Antenna A2 MPE %:	**0.96%**	Antenna B2 MPE %:	**0.96%**	Antenna C2 MPE %:	**0.96%**
Antenna #:	**3**	Antenna #:	**3**	Antenna #:	**3**
Make / Model:	CCI OPA65R-BU6BA	Make / Model:	CCI OPA65R-BU6BA	Make / Model:	CCI OPA65R-BU6BA
Frequency Bands:	700 MHz / 2100 MHz	Frequency Bands:	700 MHz / 2100 MHz	Frequency Bands:	700 MHz / 2100 MHz
Gain:	11.75 dBd / 15.55 dBd	Gain:	11.75 dBd / 15.55 dBd	Gain:	11.75 dBd / 15.55 dBd
Height (AGL):	167 feet	Height (AGL):	167 feet	Height (AGL):	167 feet
Channel Count:	8	Channel Count:	8	Channel Count:	8
Total TX Power (W):	320 Watts	Total TX Power (W):	320 Watts	Total TX Power (W):	320 Watts
ERP (W):	8,136.73	ERP (W):	8,136.73	ERP (W):	8,136.73
Antenna A3 MPE %:	**1.51%**	Antenna B3 MPE %:	**1.51%**	Antenna C3 MPE %:	**1.51%**
Antenna #:	**4**	Antenna #:	**4**	Antenna #:	**4**
Make / Model:	CCI DMP65R-BU6DA	Make / Model:	CCI DMP65R-BU6DA	Make / Model:	CCI DMP65R-BU6DA
Frequency Bands:	700 MHz / 850 MHz	Frequency Bands:	700 MHz / 850 MHz	Frequency Bands:	700 MHz / 850 MHz
Gain:	11.85 dBd / 12.45 dBd	Gain:	11.85 dBd / 12.45 dBd	Gain:	11.85 dBd / 12.45 dBd
Height (AGL):	167 feet	Height (AGL):	167 feet	Height (AGL):	167 feet
Channel Count:	8	Channel Count:	8	Channel Count:	8
Total TX Power (W):	320 Watts	Total TX Power (W):	320 Watts	Total TX Power (W):	320 Watts
ERP (W):	5,262.42	ERP (W):	5,262.42	ERP (W):	5,262.42
Antenna A4 MPE %:	**1.42%**	Antenna B4 MPE %:	**1.42%**	Antenna C4 MPE %:	**1.42%**

Site Composite MPE %	
Carrier	**MPE %**
AT&T (Max at Sector A):	4.16%
Sprint	1.89%
Town	0.14%
Verizon	3.47%
Nextel	0.36%
Site Total MPE % :	10.02%

AT&T MPE % Per Sector	
AT&T Sector A Total:	4.16%
AT&T Sector B Total:	4.16%
AT&T Sector C Total:	4.16%
Site Total MPE % :	10.02%

AT&T Maximum MPE Power Values (Sector A)

AT&T Frequency Band / Technology (Sector A)	# Channels	Watts ERP (Per Channel)	Height (feet)	Total Power Density (μW/cm²)	Frequency (MHz)	Allowable MPE (μW/cm²)	Calculated % MPE
AT&T 850 MHz UMTS	2	565.02	167.0	1.57	850 MHz UMTS	567	0.28%
AT&T 1900 MHz LTE	4	970.64	167.0	5.38	1900 MHz LTE	1000	0.54%
AT&T 2300 MHz LTE	4	763.73	167.0	4.24	2300 MHz LTE	1000	0.42%
AT&T 700 MHz LTE FN	4	598.49	167.0	3.32	700 MHz LTE FN	467	0.71%
AT&T 2100 MHz LTE	4	1435.69	167.0	7.96	2100 MHz LTE	1000	0.80%
AT&T 700 MHz LTE	4	612.43	167.0	3.40	700 MHz LTE	467	0.73%
AT&T 850 MHz LTE / 5G	4	703.17	167.0	3.90	850 MHz LTE / 5G	567	0.69%
						Total:	**4.16%**

• NOTE: Totals may vary by approximately 0.01% due to summation of remainders in calculations.

Summary

All calculations performed for this analysis yielded results that were **within** the allowable limits for general population exposure to RF Emissions.

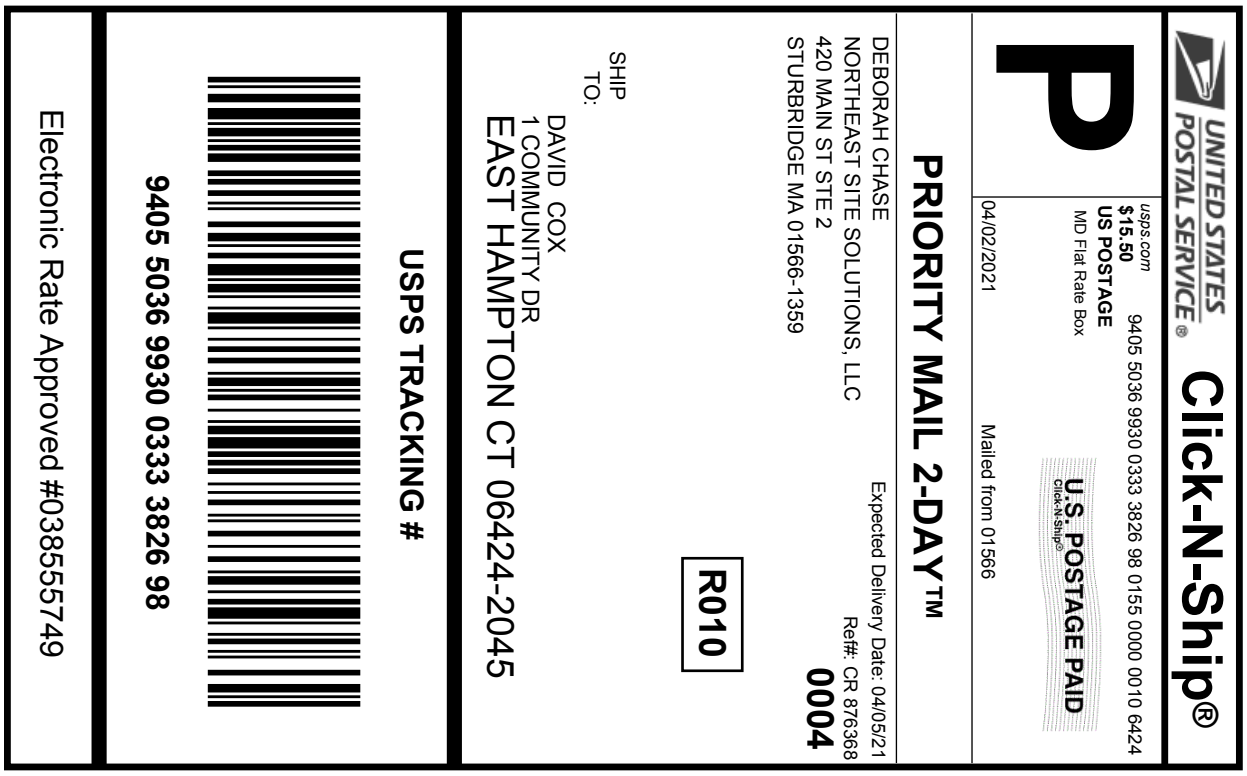
The anticipated maximum composite contributions from the AT&T facility as well as the site composite emissions value with regards to compliance with FCC's allowable limits for general population exposure to RF Emissions are shown here:

AT&T Sector	Power Density Value (%)
Sector A:	4.16%
Sector B:	4.16%
Sector C:	4.16%
AT&T Maximum MPE % (Sector A):	4.16%
Site Total:	10.02%
Site Compliance Status:	**COMPLIANT**

The anticipated composite MPE value for this site assuming all carriers present is **10.02%** 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.

Exhibit G



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Priority Mail® Postage:	**$15.50**
Total:	**$15.50**

From: DEBORAH CHASE Ref#: CR 876368
NORTHEAST SITE SOLUTIONS, LLC
420 MAIN ST STE 2
STURBRIDGE MA 01566-1359

To: DAVID COX
1 COMMUNITY DR
EAST HAMPTON CT 06424-2045

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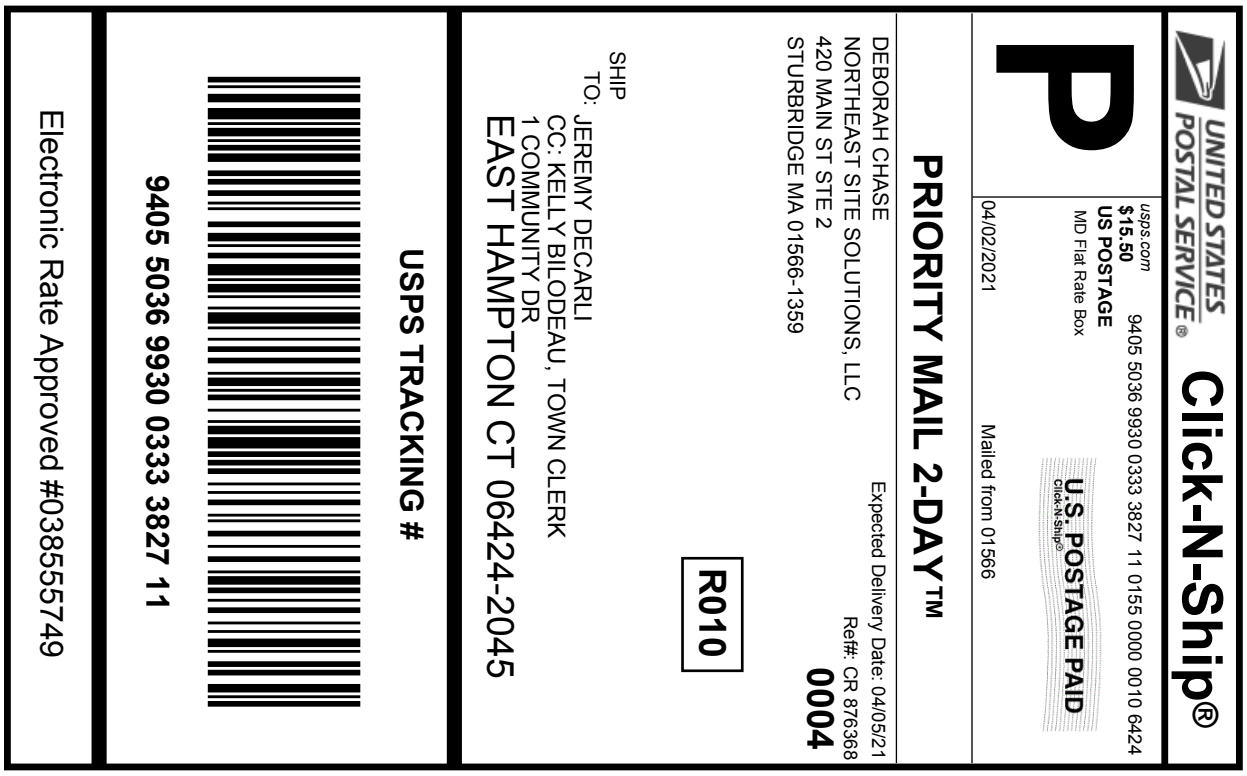

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Ship Date:	04/02/2021
Expected Delivery Date:	04/05/2021

Priority Mail® Postage:	**$15.50**
Total:	**$15.50**

From: DEBORAH CHASE Ref#: CR 876368
NORTHEAST SITE SOLUTIONS, LLC
420 MAIN ST STE 2
STURBRIDGE MA 01566-1359

To: JEREMY DECARLI
CC: KELLY BILODEAU, TOWN CLERK
1 COMMUNITY DR
EAST HAMPTON CT 06424-2045

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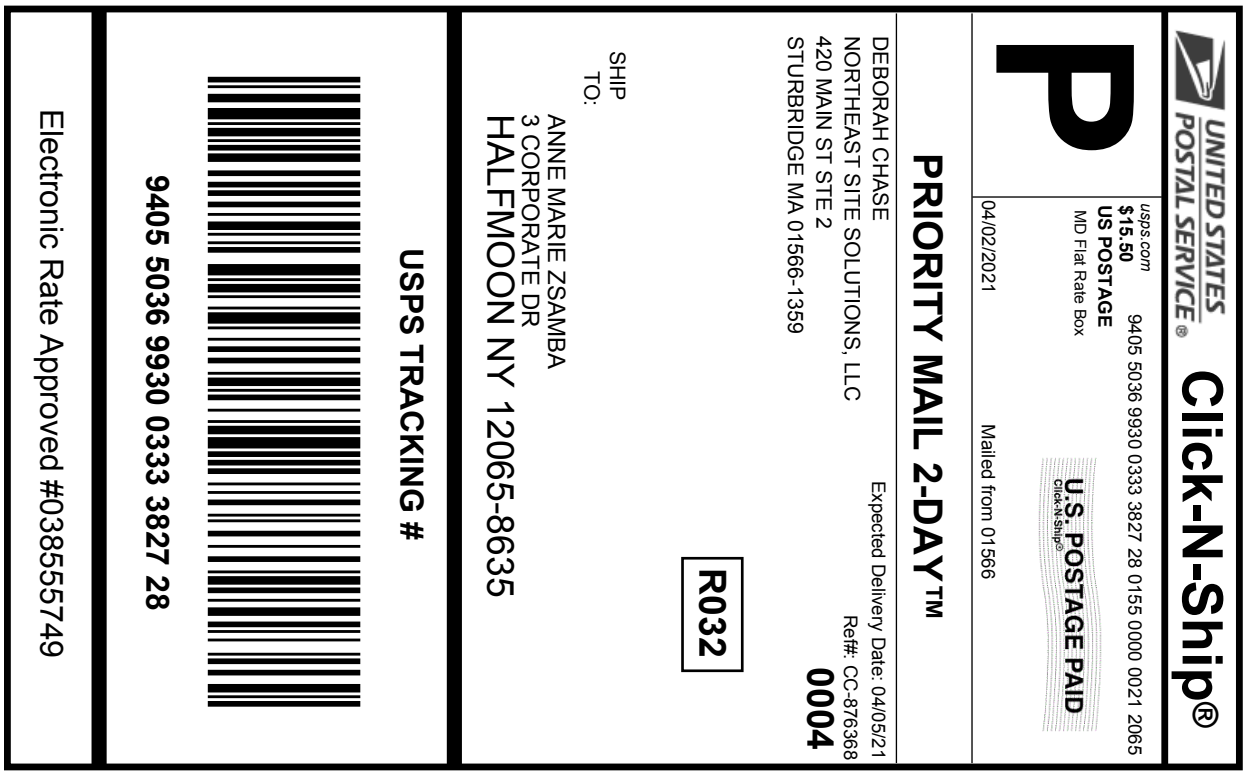

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4. **To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.**
5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0333 3827 28

Trans. #:	529461661
Print Date:	04/01/2021
Ship Date:	04/02/2021
Expected Delivery Date:	04/05/2021

Priority Mail® Postage:	**$15.50**
Total:	**$15.50**

From: DEBORAH CHASE Ref#: CC-876368
NORTHEAST SITE SOLUTIONS, LLC
420 MAIN ST STE 2
STURBRIDGE MA 01566-1359

To: ANNE MARIE ZSAMBA
3 CORPORATE DR
HALFMOON NY 12065-8635

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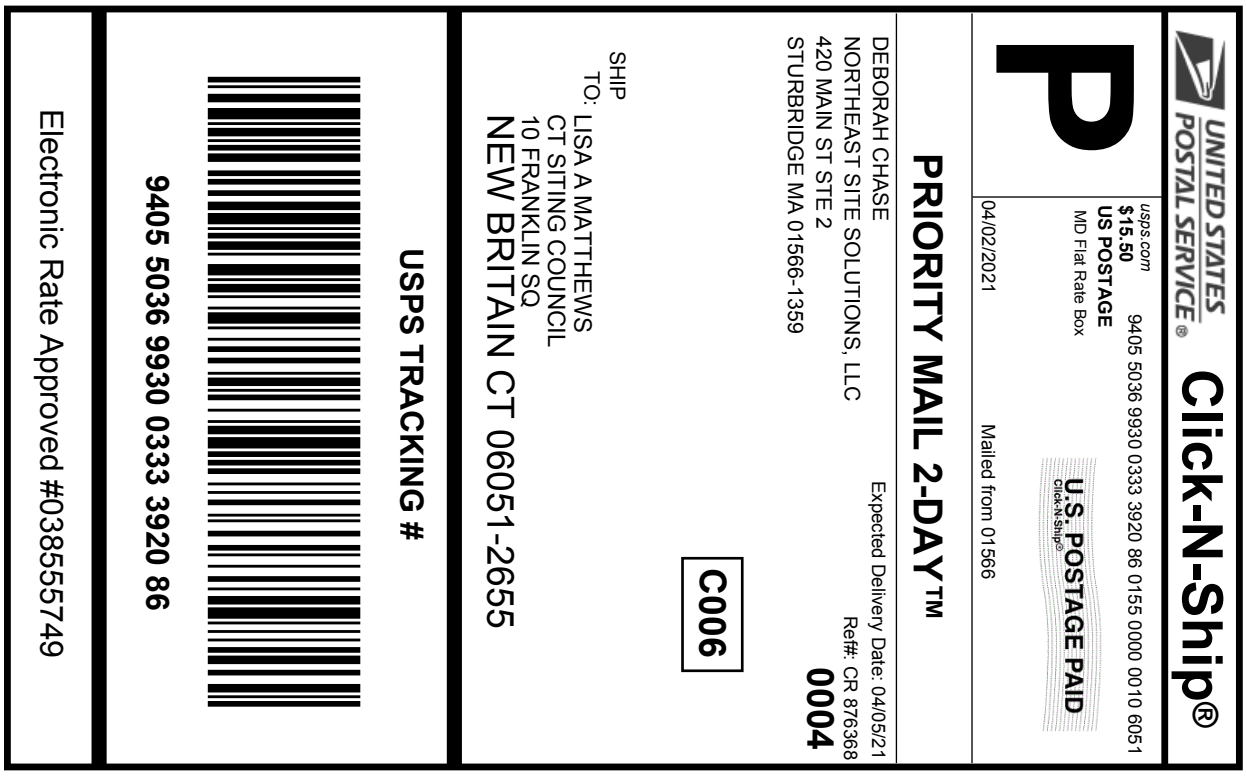

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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0333 3920 86

Trans. #:	529462878
Print Date:	04/01/2021
Ship Date:	04/02/2021
Expected Delivery Date:	04/05/2021

Priority Mail® Postage:	**$15.50**
Total:	**$15.50**

From: DEBORAH CHASE Ref#: CR 876368
NORTHEAST SITE SOLUTIONS, LLC
420 MAIN ST STE 2
STURBRIDGE MA 01566-1359

To: LISA A MATTHEWS
CT SITING COUNCIL
10 FRANKLIN SQ
NEW BRITAIN CT 06051-2655

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Exhibit H

Deborah Chase

From: Deborah Chase
Sent: Thursday, April 1, 2021 1:57 PM
To: 'dcox@easthamptonct.gov'
Cc: 'jdecarli@easthamptonct.gov'; 'kbilodeau@easthamptonct.gov'
Subject: 1 Public Works Drive, East Hampton CT 06424 EM APPLICATION CROWN ATT- 876368
Attachments: 1 PUBLIC WORKS DRIVE,EAST HAMPTON, CT 06424-EM APPLICATION -CROWN ATT- 876368.pdf

Good afternoon,
This is to inform you that you will be receiving a copy of AT&T'S Exempt Modification (Zoning) Application to the CT Siting Council for the site listed above.
It will be delivered via Priority Mail.
Please let me know if you have any questions.
Thank you very much

Deborah Chase
Senior Project Coordinator & Analyst
Mobile: 860-490-8839

NORTHEAST
SITE SOLUTIONS
Turnkey Wireless Development
www.northeastsitesolutions.com

Save a tree. Refuse.Reduce. Reuse. Recycle.