STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

December 6, 2022

Eric Breun
Site Acquisition Agent
Transcend Wireless
1 International Boulevard, Suite 400
Mahwah, NJ 07495
ebreun@transcendewireless.com

RE: **TS-T-MOBILE-028-221116** – T-Mobile request for an order to approve tower sharing at an existing telecommunications facility located at Chestnut Hill Road (4W-01/007-000), Colchester, Connecticut.

Dear Eric Breun:

The Connecticut Siting Council (Council) is in receipt of your correspondence of December 2, 2022 submitted in response to the Council's November 30, 2022 notification of an incomplete request for tower sharing with regard to the above-referenced matter.

The submission renders the request for tower sharing complete and the Council will process the request in accordance with the Federal Communications Commission 60-day timeframe.

Thank you for your attention and cooperation.

Sincerely,

Melanie A. Bachman
Executive Director

MAB/IN/emr

emr

From: Breun, Eric <ebreun@transcendwireless.com>
Sent: Friday, December 2, 2022 11:27 AM
To: Robidoux, Evan <Evan.Robidoux@ct.gov>
Cc: CSC-DL Siting Council <Siting.Council@ct.gov>
Subject: Re: Council Incomplete Letter for TS-T-MOBILE-028-221116 (Chestnut Hill Road, Colchester)

Good Afternoon CSC Team,

Please see the attached revised tower share application with a revised PD report listing the correct carriers and equipment. I will send in a set of hard copies with the incomplete letter that should arrive Monday. Have a nice weekend!

On Wed, Nov 30, 2022 at 4:09 PM Robidoux, Evan <Evan.Robidoux@ct.gov> wrote:

Please see the attached correspondence.

Evan Robidoux
Clerk Typist
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

--
Eric Breun
Site Acquisition Agent
Transcend Wireless
1 International Blvd. Suite 400
Mahwah NJ 07495
201-658-7728

Transcend Wireless

10 Industrial Ave,
Suite 3
Mahwah NJ 07430

Phone: 201.684.0055
Fax: 201.684.0066

November 18, 2022

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

T-Mobile Northeast LLC – CTHA255A
Tower Share Application
58 Chestnut Hill Road, Colchester, CT 06415
Latitude- 41.5689444
Longitude- -72.3037

Dear Ms. Bachman,

This letter and attachments are submitted on behalf of T-Mobile Northeast LLC ("T-Mobile"). T-Mobile plans to install antennas and related equipment at the tower site located at 58 Chestnut Hill Road, Colchester, Connecticut.

T-Mobile will install nine (9) 600/700/1900/2100/2500/5G MHz antennas and six (6) RRUs at the 167' level of the existing 190' monopole tower. Three (3) Hybrid cables will also be installed. T-Mobile's equipment cabinets will be placed on an existing 10' x 15' concrete pad within the existing ground facility. Included are plans by NB+C Engineering (American Tower), dated August 25, 2022, depicting the planned changes and attached as **Exhibit A**. Also included is a structural analysis prepared by American Tower, dated August 26, 2022, confirming that the existing tower is structurally capable of supporting the proposed equipment. This is attached and detailed in **Exhibit B**.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies 16-50aa, of T-Mobile's intent to share a telecommunications facility pursuant to R.C.S.A. 16-50j-88. In accordance with R.C.S.A., a copy of this letter is being sent to Andreas Bisbikos, First Selectman of Colchester, Ariel Lago, Zoning Enforcement Officer, as well as the tower owner, American Tower, and the property owner, Colchester Realty LLC. Please see the attached letter from American Tower authorizing the proposed shared use of this facility attached as **Exhibit C**.

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

1. The proposed modification will not result in an increase in the height of the existing structure. The top of the monopole is at 190'; T-Mobile's proposed antennas will be located at a center line height of 167'.

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

3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed local and state criteria. T-Mobile's plans include the installation of an emergency back-up generator; noise associated with this installation is exempt from State and local noise standards. The incremental effect of the proposed changes will be negligible.

4. The operation of the proposed antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard. As indicated in the attached power density calculations, the combined site operations will result in a total power density of 41.09%, as evidenced by **Exhibit D**.

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

A. Technical Feasibility. The existing monopole has been deemed structurally capable of supporting T-Mobile's proposed loading, with the tower modifications/reinforcements as detailed in the structural analysis. The structural analysis is included as **Exhibit B**.
B. Legal Feasibility. As referenced above, C.G.S. 16-50aa has been authorized to issue orders approving the shared use of an existing tower such as this monopole in Colchester. Under the authority granted to the Council, an order of the Council approving the requested shared use would permit T-Mobile to obtain a building permit for the proposed installation. Further, a Letter of Authorization is included as **Exhibit C**, authorizing T-Mobile to file this application for shared use.
C. Environmental Feasibility. The proposed shared use of this facility would have minimal environmental impact. The installation of T-Mobile equipment at the 167' level of the existing 190' tower would have an insignificant visual impact on the area around the tower. T-Mobile's ground equipment would be installed within the existing facility compound. T-Mobile's shared use would therefore not cause any significant alteration in the physical or environmental characteristics of the existing site. Additionally, as evidenced by **Exhibit D**, the proposed antennas would not increase radio frequency emissions to a level at or above the Federal Communications Commission safety standard.
D. Economic Feasibility. T-Mobile will be entering into an agreement with the owner of this facility to mutually agreeable terms. As previously mentioned, the Letter of Authorization has been provided by the owner to assist T-Mobile with this tower sharing application.
E. Public Safety Concerns. As discussed above, the monopole is structurally capable of supporting T-Mobile's proposed loading. T-Mobile is not aware of any public safety concerns relative to the proposed sharing of the existing monopole. T-Mobile's intentions of providing new and improved wireless service through the shared use of this facility is expected to enhance the safety and welfare of local residents and individuals traveling through Colchester and nearby the facility.

Sincerely,

Eric Breun

Eric Breun
Transcend Wireless
1 International Blvd., Suite 400
Mahwah, New Jersey 07495
ebreun@transcendwireless.com
201-658-7728

CC: Andreas Bisbikos – First Selectman
Ariel Lago – Zoning Enforcement Officer
Colchester Realty LLC - Property Owner
American Tower – Tower Owner

ERIC BREUN
2016587728
1 INTERNATIONAL BLVD.
MAHWAH NJ 07495

1 LBS

1 OF 1

SHIP TO:
ZEO
ARIEL LAGO
127 NORWICH AVENUE
COLCHESTER CENTER CT 06415

CT 063 0-01

UPS GROUND
TRACKING #: 1Z V25 742 03 9392 3947

BILLING: P/P

Reference #1: CTHA255A

XOL 22.11.01 NV45 45.0A 10/2022*

ERIC BREUN
2016587728
1 INTERNATIONAL BLVD.
MAHWAH NJ 07495

1 LBS

1 OF 1

SHIP TO:
FIRST SELECTMAN
ANDREAS BISBIKOS
127 NORWICH AVENUE
COLCHESTER CENTER CT 06415

CT 063 0-01

UPS GROUND
TRACKING #: 1Z V25 742 03 9054 5932

BILLING: P/P

Reference #1: CTHA255A

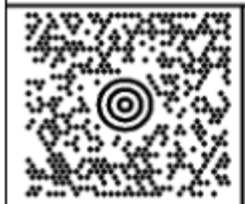
XOL 22.11.01 NV45 45.0A 10/2022*

ERIC BREUN
2016587728
1 INTERNATIONAL BLVD.
MAHWAH NJ 07495

1 LBS

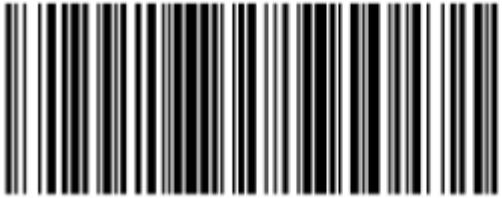
1 OF 1

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



MA 018 9-04

UPS GROUND
TRACKING #: 1Z V25 742 03 9949 9619



BILLING: P/P

Reference #1: CTHA255A

XOL 22.11.01 NV45 45.0A 10/2022*

ERIC BREUN
2016587728
1 INTERNATIONAL BLVD.
MAHWAH NJ 07495

1 LBS

1 OF 1

SHIP TO:
COLCHESTER REALTY LLC
2 CENTRAL AVENUE
NEW HARTFORD CT 06057

CT 067 9-02

UPS GROUND
TRACKING #: 1Z V25 742 03 9350 5952

BILLING: P/P

Reference #1: CTHA255A

XOL 22.11.01 NV45 45.0A 10/2022*

Hello, your package has been delivered.

Delivery Date: Wednesday, 11/02/2022

Delivery Time: 12:11 PM

Signed by: FURMAN

TRANSCEND WIRELESS

Tracking Number:	1ZV257420390545932
Ship To:	ANDREAS BISBIKOS 127 NORWICH AVENUE COLCHESTER CENTER, CT 06415 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	CTHA255A

Hello, your package has been delivered.

Delivery Date: Wednesday, 11/02/2022

Delivery Time: 12:11 PM

Signed by: LAGO

TRANSCEND WIRELESS

Tracking Number:	1ZV257420393923947
Ship To:	ARIEL LAGO 127 NORWICH AVENUE COLCHESTER CENTER, CT 06415 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	CTHA255A

Hello, your package has been delivered.

Delivery Date: Wednesday, 11/02/2022

Delivery Time: 11:47 AM

Signed by: LONG

TRANSCEND WIRELESS

Tracking Number:	1ZV257420399499619
Ship To:	AMERICAN TOWER CORPORATION 10 PRESIDENTIAL WAY WOBURN, MA 01801 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	CTHA255A

Hello, your package has been delivered.

Delivery Date: Wednesday, 11/02/2022

Delivery Time: 11:08 AM

Signed by: FRONT

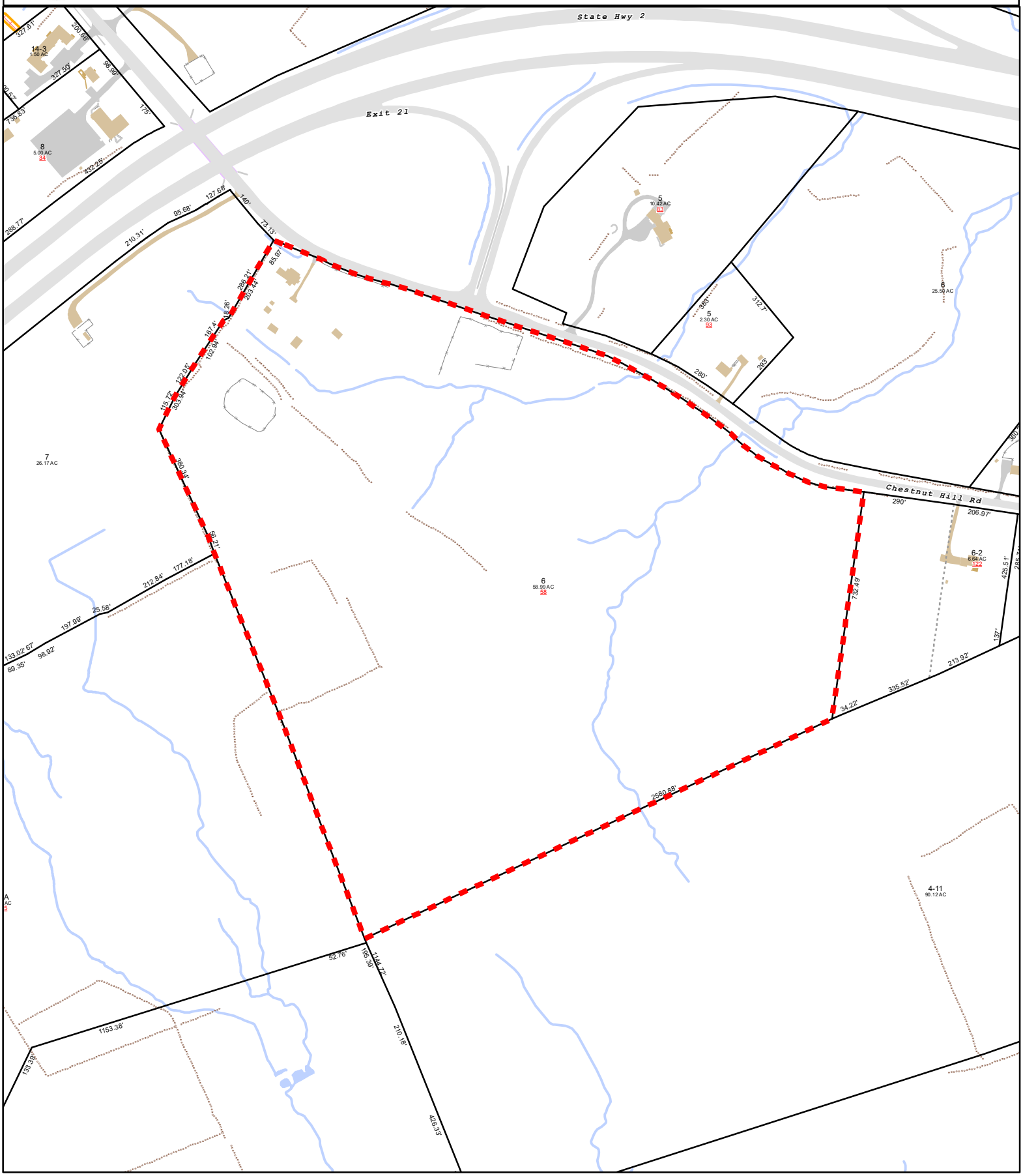
TRANSCEND WIRELESS

Tracking Number:	1ZV257420393505952
Ship To:	COLCHESTER REALTY LLC 2 CENTRAL AVENUE NEW HARTFORD, CT 06057 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	CTHA255A

Town of Colchester, Connecticut - Assessment Parcel Map

Parcel: 4W-01-006-000

Address: 58 CHESTNUT HILL RD



Approximate Scale: **1 inch = 400 feet**

0 210 420 630 840

Feet

Map Produced: April 2022 / Grand List: 2021

Town of Colchester, CT

Property Report

Map Block Lot 4W-01/006-000 | PID 889 | Building # 1 | Section # 1 | Account C0059500

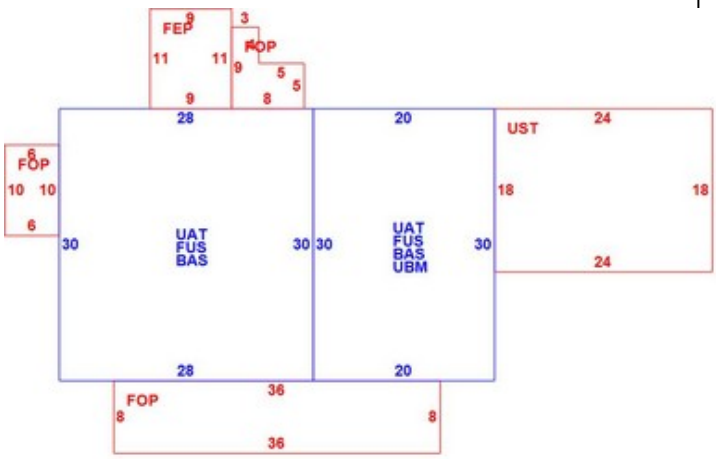
Property Information

Property Location	58 CHESTNUT HILL RD
Owner	CLARK WALTER J TTEE +
Co-Owner	CLARK THOMAS A TTEE
Mailing Address	58 CHESTNUT HILL RD COLCHESTER CT 06415
Land Use	1010 Single Fam
Land Class	R
Zoning Code	C
Census Tract	

Neighborhood	
Acreage	54.5
Utilities	UNKNOWN
Lot Setting/Desc	UNKNOWN UNKNOWN
Additional Info	

Ph

Sketch



Primary Construction Details

Year Built	1900
Stories	2
Building Style	Colonial
Building Use	Residential
Building Condition	
Interior Floors 1	Hardwood
Interior Floors 2	NA
Total Rooms	12
Basement Garages	
Occupancy	1.00
Building Grade	

Bedrooms	6 Bedrooms
Full Bathrooms	3
Half Bathrooms	0
Extra Fixtures	0
Bath Style	
Kitchen Style	
Roof Style	Gable
Roof Cover	Asphalt
AC Type	None
Fireplaces	0

Exterior Walls	Asbest Shingle
Exterior Walls 2	NA
Interior Walls	Plaster
Interior Walls 2	NA
Heating Type	Hot Water
Heating Fuel	Oil
Sq. Ft. Basement	
Fin BSMT Quality	
Extra Kitchens	

Report Created On 11/1/2022

Town of Colchester, CT

Property Report | Map Block Lot **4W-01/006-000** | PID **889** | Building # **1** | Section # **1** | Account **C0059500**

Valuation Summary

(Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	186300	130400
Extras	0	0
Improvements		
Outbuildings	13900	9800
Land	111000	56400
Total	311200	196600

Outbuilding and Extra Features

Type	Description
Barn 1ST	800 S.F.
Shed Frame	600 S.F.
Canopy Ave	540 S.F.
Shed Frame	320 S.F.
Shed Frame	120 S.F.

Sub Areas

Subarea Type	Gross Area (sq ft)	Living Area (sq ft)
First Floor	1440	1440
Enclosed Porch	99	0
Open Porch	400	0
Upper Story, Finished	1440	1440
Attic, Unfinished	1440	0
Basement, Unfinished	600	0
Utility, Storage, Unfinished	432	0
Total Area		2880

Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
CLARK WALTER J TTEE +	1356/0033	9/24/2018	0
CLARK WALTER	0066/0413	10/11/1951	0

Report Created On **11/1/2022**

DOCKET NO. 112 - An application of SNET Cellular, Inc., for a Certificate of Environmental Compatibility and Public Need for a cellular telephone tower and associated equipment in the Town of Colchester, Connecticut.

: Connecticut
: Siting
: Council

ORIGINAL

:September 8, 1989

DECISION AND ORDER

Pursuant to the foregoing Opinion, the Connecticut Siting Council finds that the effects associated with the construction, operation, and maintenance of a cellular monopole tower and associated equipment building at the proposed Colchester site, including effects on the natural environment; ecological balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife, are not significant either alone or cumulatively with other effects, 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 Section 16-50k of the Connecticut General Statutes (CGS) be issued to SNET Cellular, Inc., (SNET) for the construction, operation, and maintenance of a cellular telephone tower site and associated equipment at the proposed site on Chestnut Hill Road in Colchester, Connecticut.

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

1. The tower shall be a monopole no taller than necessary to provide the proposed service, and in no event shall the structure exceed a total height of 197 feet, including antennas.

2. No part of the tower site or access road shall be within an inland wetland as defined by CGS 22a-38(15) and identified by a certified soil scientist.
3. The facility shall be constructed in accordance with applicable sections of the State of Connecticut Basic Building Code.
4. Unless necessary to comply with conditions of the Federal Aviation Administration, no lights shall be installed on this tower.
5. 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 State Agencies. The D&M Plan shall include detailed plans for erosion and sediment control along the access road and at the tower site, plans for permanent evergreen screening along the outside perimeter of the eight-foot fence surrounding the site, plans for loaming and seeding the site and side of the access road following completion of construction, and, to the greatest extent possible, plans to shift the tower site and/or reduce the height of the tower to prevent an overlap of the tower fall zone with the nearest traveled portion of Route 2. The access road shall be constructed in a manner to minimize erosion and tree clearing as much as possible. The Certificate Holder shall consult with the Town of Colchester in the preparation of the D&M Plan. Utilities shall be installed underground if it is found overhead utilities would interfere with the development of land adjacent to the site.

6. The Certificate Holder or its successor shall permit public or private entities to share space on the tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
7. The Certificate Holder or its successor shall notify the Council if and when directional antennas or any equipment other than that listed in this application are added to this facility.
8. If this facility does not provide, or permanently ceases to provide, cellular service following the completion of construction, this Decision and Order shall be void, and the tower and all associated equipment in this application shall be dismantled and removed or reapplication for any new use shall be made to the Council and a Certificate granted before any such new use is made.
9. The Certificate Holder shall comply with any future radio frequency (RF) standard, promulgated by State or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facility granted in this Decision and Order shall be brought into compliance with such standards.
10. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the issuance of this Decision and Order, or within three years of the completion of any appeal taken in this Decision and Order.

Pursuant to Section 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. A notice of issuance shall be published in the Hartford Courant, the New London Day, the Norwich Bulletin, and the Colchester Regional Standard.

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 State Agencies.

The parties or intervenors to this proceeding are:

PARTY	ITS REPRESENTATIVE
SNET Cellular, Inc. 227 Church Street New Haven, CT 06506	SNET Cellular, Inc. c/o Peter J. Tyrrell Senior Attorney 227 Church Street Room 1021 New Haven, CT 06506
INTERVENOR	ITS REPRESENTATIVE
Metro Mobile CTS of Hartford, Inc. 100 Corporate Drive Windsor, CT 06095	Kenneth I. Friedman, Esq. David W. Bogan, Esq. Byrne, Slater, Sandler Shulman & Rouse, P.C. 330 Main Street P.O. Box 3216 Hartford, CT 06103

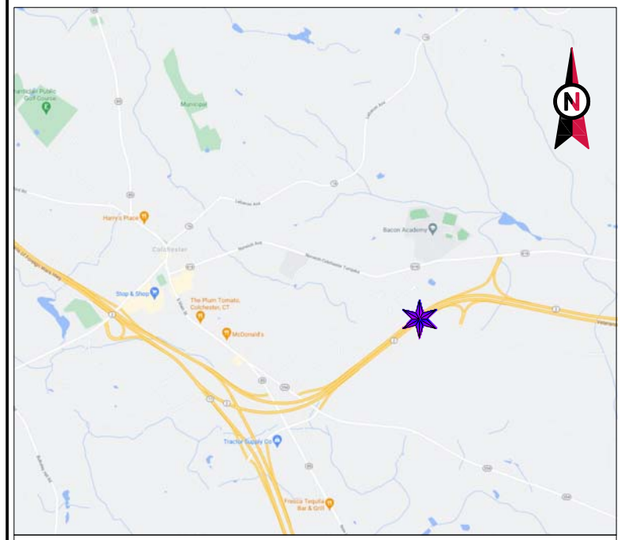
CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in Docket No. 112 or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut the 8th day of September, 1989.

Council Members	Vote Cast
Gloria Dibble Pond Chairperson	YES
Commissioner Peter Boucher Designee: Robert A. Pulito	NO
Commissioner Leslie Carothers Designee: Brian Emerick	ABSENT
Harry E. Covey	ABSTAIN
Mortimer A. Gelston	YES
Daniel P. Lynch, Jr.	YES
Paulann H. Sheets	NO
William H. Smith	YES
Colin C. Tait	NO

3439E-2



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: CLCH - COLCHESTER
ATC SITE NUMBER: 302496
T-MOBILE SITE NAME: CTHA255A
T-MOBILE SITE NUMBER: CTHA255A
SITE ADDRESS: 58 CHESTNUT HILL RD COLCHESTER, CT 06415-2906

LOCATION MAP

BIRD WATCH SITE:
PLEASE CONTACT BIRD.WATCH@AMERICANTOWER.COM OR AMERICAN TOWER NOC AT 877-518-6937 FOR ASSISTANCE

T-MOBILE ANCHOR COLOCATION PLAN
67E5A998E 6160 CONFIGURATION

COMPLIANCE CODE

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

1. INTERNATIONAL BUILDING CODE (IBC)
2. NATIONAL ELECTRIC CODE (NEC)
3. LOCAL BUILDING CODE
4. CITY/COUNTY ORDINANCES

UTILITY COMPANIES

POWER COMPANY: NORTHEAST UTILITIES
PHONE: (800) 286-2000

TELEPHONE COMPANY: AT&T
PHONE: (800) 288-2020

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

PROJECT SUMMARY

SITE ADDRESS:

58 CHESTNUT HILL RD

COLCHESTER, CT 06415-2906

COUNTY: NEW LONDON

GEOGRAPHIC COORDINATES:

LATITUDE: 41.56894444

LONGITUDE: -72.3037

GROUND ELEVATION: 550' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

T-MOBILE
4 SYLVAN WAY
PARSIPPANY, NJ 07054

ENGINEER:

NB+C ENGINEERING SERVICES, LLC
8601 SIX FORKS ROAD, STE 540
RALEIGH, NC 27615

PROPERTY OWNER:

COLCHESTER REALTY LLC
CHESTNUT HILL ROAD
COLCHESTER, CT 06415

PROJECT DESCRIPTION

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

PROJECT NOTES

1. THE FACILITY IS UNMANNED.
2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE.
3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE.
4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED.
5. HANDICAP ACCESS IS NOT REQUIRED.
6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).

PROJECT LOCATION DIRECTIONS

FROM NEW LONDON TAKE I395 NORTH TO RT 2 WEST TO RT 85 NORTH AND TAKE RIGHT ON HALLS HILL ROAD AND FOLLOW TO END AND TURN RIGHT ONTO RT 616. FOLLOW AND TAKE RIGHT ON CHESTNUT HILL ROAD.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	08/25/22	AMT
G-002	GENERAL NOTES	0	08/25/22	AMT
C-001	OVERALL SITE PLAN	0	08/25/22	AMT
C-101	DETAILED SITE PLAN	0	08/25/22	AMT
C-201	TOWER ELEVATION	0	08/25/22	AMT
C-401	ANTENNA INFORMATION & SCHEDULE	0	08/25/22	AMT
C-501	MOUNT DETAILS	0	08/25/22	AMT
C-502	CONSTRUCTION DETAILS	0	08/25/22	AMT
C-503	CONSTRUCTION DETAILS	0	08/25/22	AMT
E-101	GROUNDING DETAILS & ELECTRICAL SCHEMATIC	0	08/25/22	AMT
E-501	GROUNDING DETAILS	0	08/25/22	AMT
E-601	PANEL SCHEDULE	0	08/25/22	AMT
R-601	SUPPLEMENTAL			
R-602	SUPPLEMENTAL			
R-603	SUPPLEMENTAL			
R-604	SUPPLEMENTAL			
R-605	SUPPLEMENTAL			

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

NB+C™ TOTALLY COMMITTED.
NB+C ENGINEERING SERVICES, LLC.
8601 SIX FORKS ROAD, SUITE 540
RALEIGH, NC 27615
(919) 657-9131

REV.	DESCRIPTION	BY	DATE
A	PRELIM	CCC	07/08/21
B	PRELIM	BIW	08/31/21
C	PRELIM	AMT	01/04/22
0	FOR CONSTRUCTION	AMT	08/25/22

ATC SITE NUMBER:
302496

ATC SITE NAME:
CLCH - COLCHESTER

T-MOBILE SITE NAME:
CTHA255A

SITE ADDRESS:
58 CHESTNUT HILL RD
COLCHESTER, CT 06415-2906

SEAL:

08/25/22

T-Mobile

DATE DRAWN:	08/25/22
ATC JOB NO:	13674383
CUSTOMER ID:	CTHA255A
CUSTOMER #:	CTHA255A

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, T-MOBILE "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
   - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
   - B. AC/TELCO INTERFACE BOX (PPC)
   - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
   - D. TOWERS, MONOPOLES
   - E. TOWER LIGHTING
   - F. GENERATORS & LIQUID PROPANE TANK
   - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
   - H. ANTENNAS (INSTALLED BY OTHERS)
   - I. TRANSMISSION LINE
   - J. TRANSMISSION LINE JUMPERS
   - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
   - L. TRANSMISSION LINE GROUND KITS
   - M. HANGERS
   - N. HOISTING GRIPS
   - O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF T-MOBILE TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE T-MOBILE REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE T-MOBILE REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE T-MOBILE REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE T-MOBILE CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE T-MOBILE REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH T-MOBILE AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH T-MOBILE REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH T-MOBILE REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY T-MOBILE MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH T-MOBILE SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO T-MOBILE FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO T-MOBILE SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY T-MOBILE REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
29. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
30. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE T-MOBILE REP. ANY WORK FOUND BY THE T-MOBILE REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
31. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
32. T-MOBILE FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE T-MOBILE WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
33. T-MOBILE OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO T-MOBILE OR THEIR ARCHITECT/ENGINEER.

STRUCTURAL STEEL NOTES:

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

SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

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

CONCRETE AND REINFORCING STEEL NOTES:

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

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

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

ELECTRICAL NOTES:

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

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

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NB+C ENGINEERING SERVICES, LLC.
8601 SIX FORKS ROAD, SUITE 540
RALEIGH, NC 27615
(919) 657-9131

REV.	DESCRIPTION	BY	DATE
A	PRELIM	CCC	07/08/21
B	PRELIM	BIW	08/31/21
C	PRELIM	AMT	01/04/22
0	FOR CONSTRUCTION	AMT	08/25/22

ATC SITE NUMBER:
302496

ATC SITE NAME:
CLCH - COLCHESTER

T-MOBILE SITE NAME:
CTHA255A

SITE ADDRESS:
58 CHESTNUT HILL RD
COLCHESTER, CT 06415-2906

SEAL:

08/25/22

T-Mobile

DATE DRAWN:	08/25/22
ATC JOB NO:	13674383
CUSTOMER ID:	CTHA255A
CUSTOMER #:	CTHA255A

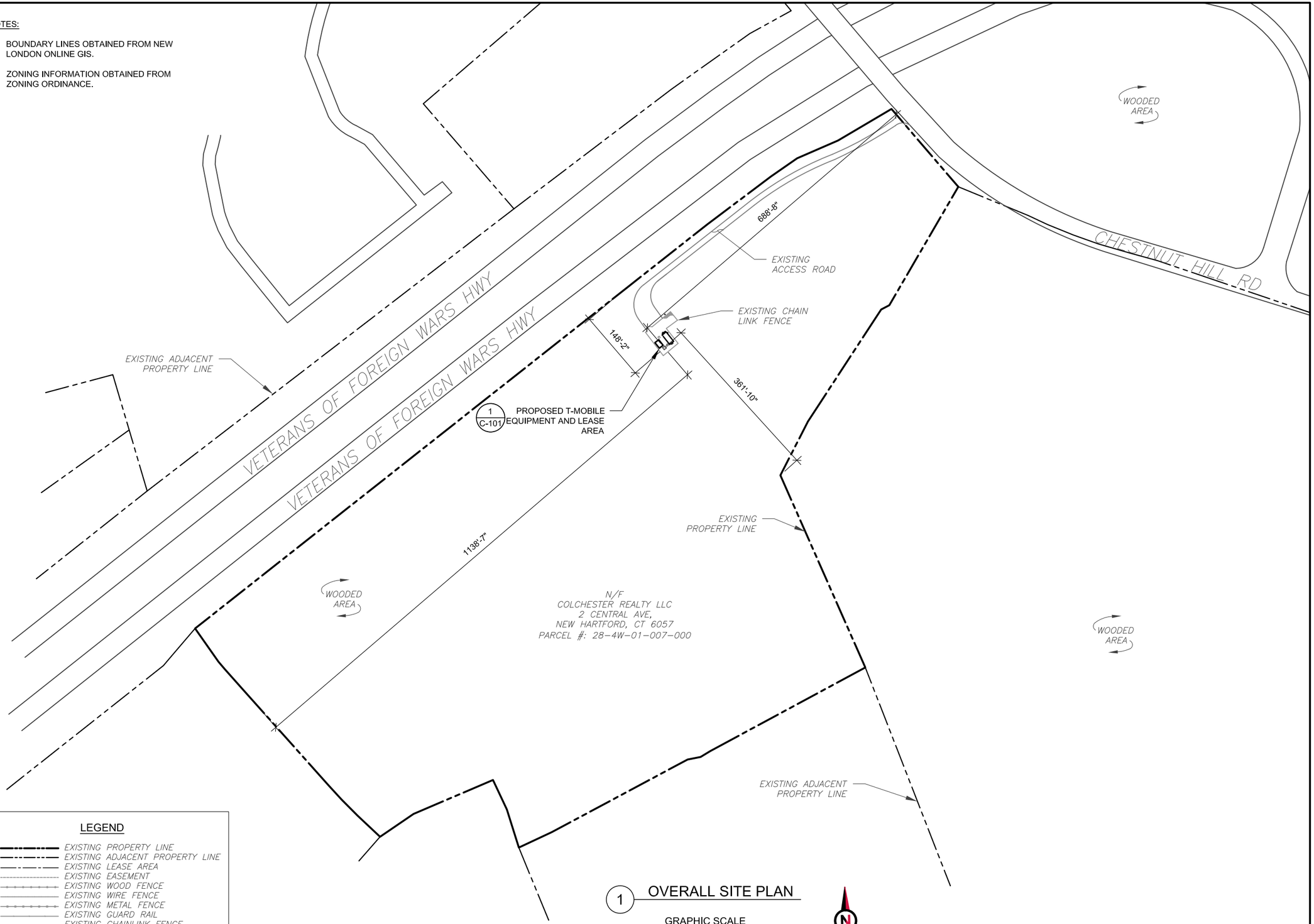
GENERAL NOTES

SHEET NUMBER: G-002

REVISION: 0

NOTES:

1. BOUNDARY LINES OBTAINED FROM NEW LONDON ONLINE GIS.
2. ZONING INFORMATION OBTAINED FROM ZONING ORDINANCE.



LEGEND

- EXISTING PROPERTY LINE
- EXISTING ADJACENT PROPERTY LINE
- EXISTING LEASE AREA
- EXISTING EASEMENT
- EXISTING WOOD FENCE
- EXISTING WIRE FENCE
- EXISTING METAL FENCE
- EXISTING GUARD RAIL
- EXISTING CHAINLINK FENCE
- EXISTING ROAD (DIRT)
- EXISTING ROAD (STONE)
- EXISTING ROAD (PAVED)

1 OVERALL SITE PLAN

GRAPHIC SCALE

200 0 100 200

(IN FEET)

1 UNIT = 200 FEET

N

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SEAL:

08/25/22

T-Mobile

DATE DRAWN:	08/25/22
ATC JOB NO:	13674383
CUSTOMER ID:	CTHA255A
CUSTOMER #:	CTHA255A

OVERALL SITE PLAN

SHEET NUMBER:	REVISION:
C-001	0

SITE PLAN NOTES:

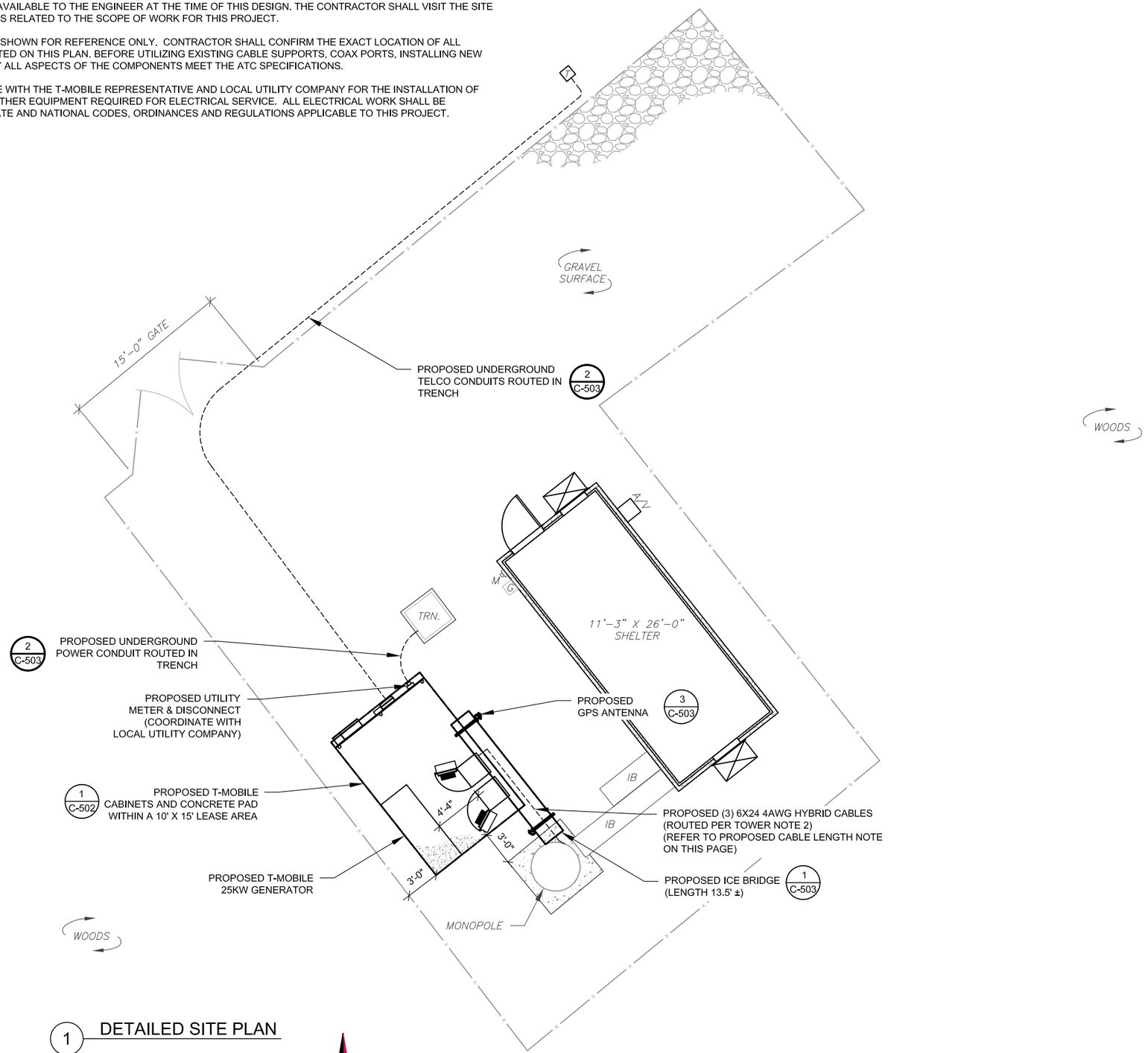
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.

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

LEGEND

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



1 DETAILED SITE PLAN

GRAPHIC SCALE

10 0 5 10

(IN FEET)
1 UNIT = 10 FEET

N

PROPOSED CABLE LENGTH:

1. ESTIMATED LENGTH OF PROPOSED CABLE IS **200'**. ESTIMATED LENGTH OF CABLE WAS PROVIDED BY CUSTOMER OR CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES), CDS DEFER TO GREATEST CABLE LENGTH.
2. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.

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B	PRELIM	BIW	08/31/21
C	PRELIM	AMT	01/04/22
0	FOR CONSTRUCTION	AMT	08/25/22

ATC SITE NUMBER:
302496

ATC SITE NAME:
CLCH - COLCHESTER

T-MOBILE SITE NAME:
CTHA255A

SITE ADDRESS:
58 CHESTNUT HILL RD
COLCHESTER, CT 06415-2906

SEAL:

08/25/22

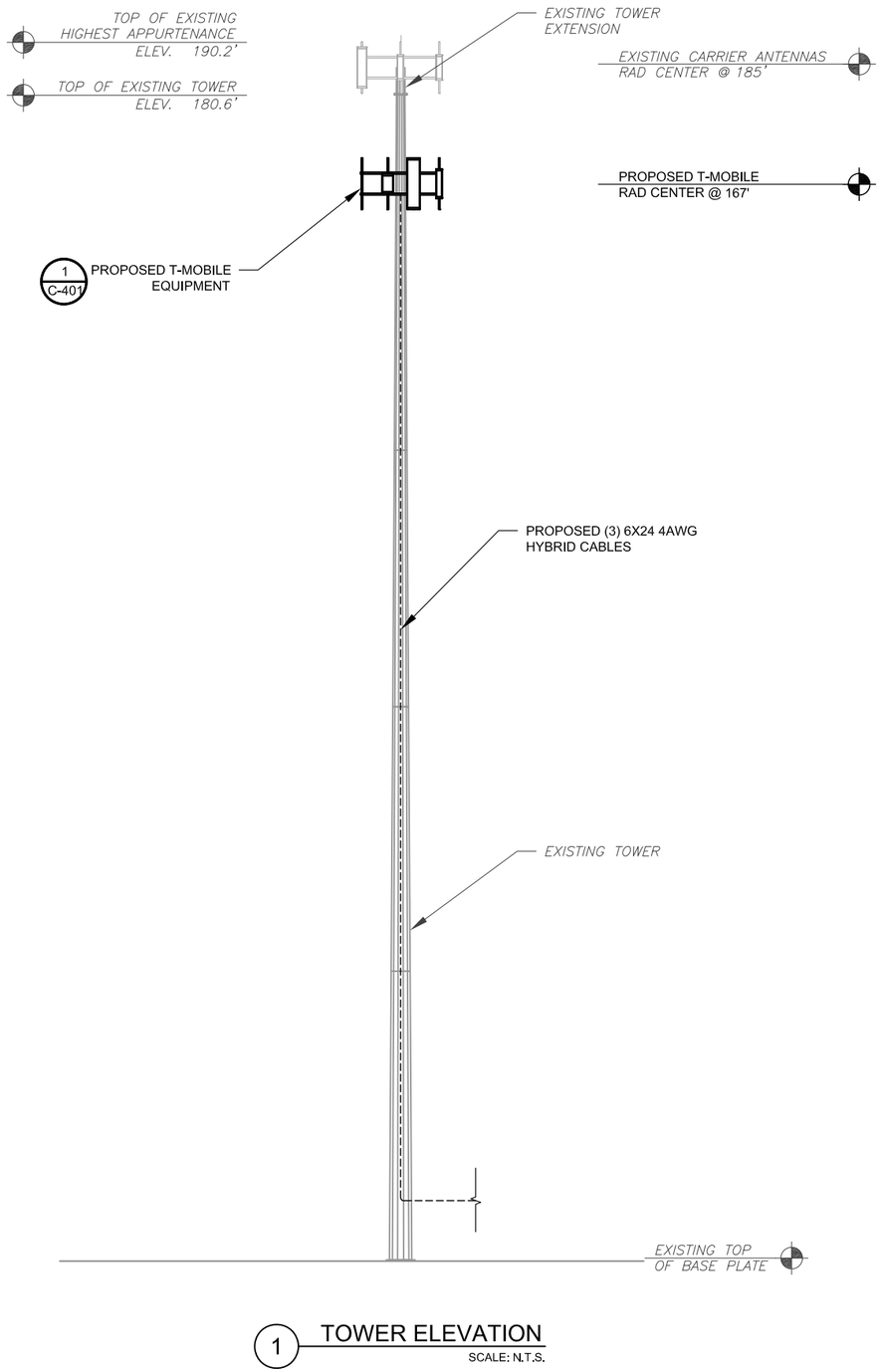
T-Mobile

DATE DRAWN:	08/25/22
ATC JOB NO:	13674383
CUSTOMER ID:	CTHA255A
CUSTOMER #:	CTHA255A

DETAILED SITE PLAN

SHEET NUMBER: C-101

REVISION: 0



1 TOWER ELEVATION
SCALE: N.T.S.

ATC HAS NOT ANALYZED THE PROPOSED ANTENNA MOUNT(S) TO DETERMINE ADEQUATE STRUCTURAL CAPACITY FOR PROPOSED CARRIER LOADING.

TOWER NOTE:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
3. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.
4. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)

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COA: PEC.0001553

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SEAL:

08/25/22

T-Mobile

DATE DRAWN:	08/25/22
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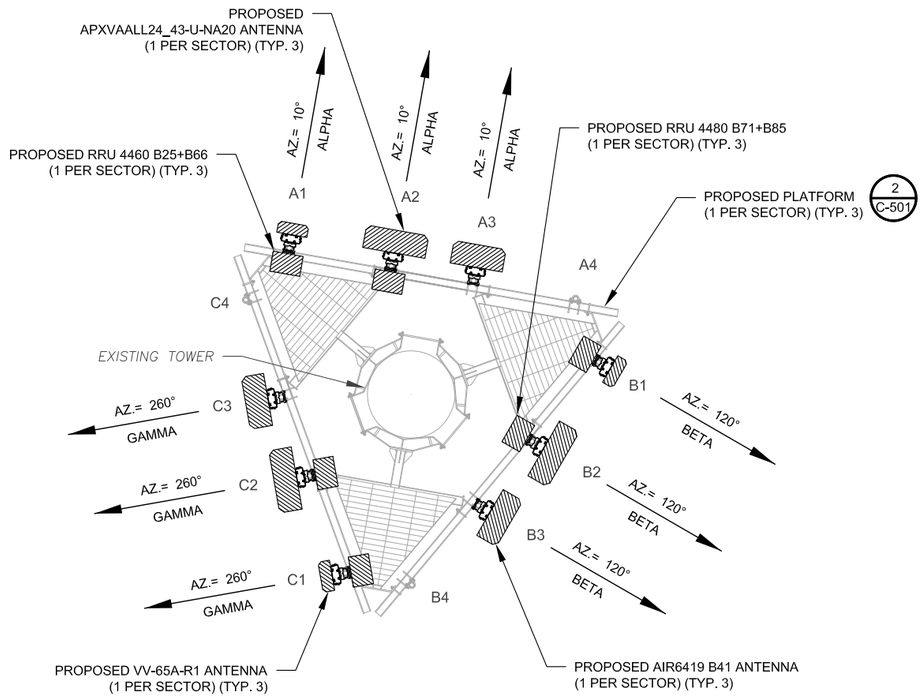
CUSTOMER ID:	CTHA255A
CUSTOMER #:	CTHA255A

TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	0

ATC HAS NOT ANALYZED THE PROPOSED ANTENNA MOUNT(S) TO DETERMINE ADEQUATE STRUCTURAL CAPACITY FOR PROPOSED CARRIER LOADING.



1 FINAL ANTENNA PLAN

SCALE: N.T.S.

FINAL ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	ADDITIONAL TOWER MOUNTED EQUIPMENT	DISTRIBUTION BOX / CABLING
ALPHA	167'	10°	A1	VV-65A-R1	2100/1900	0/2/2	RRU 4460 B25+B66	(3) 6X24 4AWG" HYBRID
			A2	APXVAALL24_43-U-NA20	600/700	0/2/2/2/2	RRU 4480 B71+B85	
			A3	AIR6419 B41	2500	0/2/2	-	
			A4	-	-	-	-	
BETA	167'	120°	B1	VV-65A-R1	2100/1900	0/2/2	RRU 4460 B25+B66	
			B2	APXVAALL24_43-U-NA20	600/700	0/2/2/2/2	RRU 4480 B71+B85	
			B3	AIR6419 B41	2500	0/2/2	-	
			B4	-	-	-	-	
GAMMA	167'	260°	C1	VV-65A-R1	2100/1900	0/2/2	RRU 4460 B25+B66	
			C2	APXVAALL24_43-U-NA20	600/700	0/2/2/2/2	RRU 4480 B71+B85	
			C3	AIR6419 B41	2500	0/2/2	-	
			C4	-	-	-	-	

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

2 ANTENNA SCHEDULE

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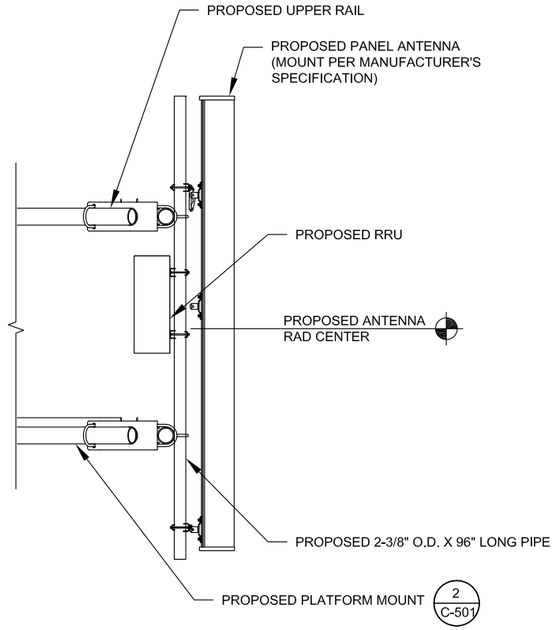
CUSTOMER ID:	CTHA255A
CUSTOMER #:	CTHA255A

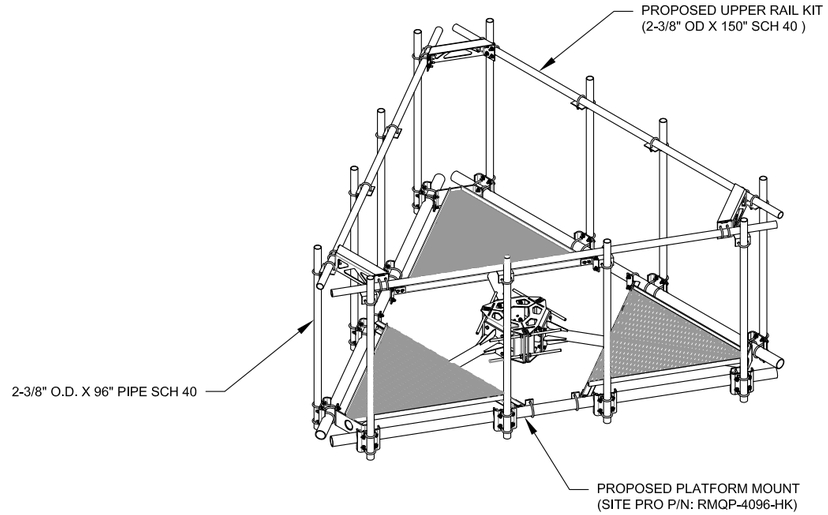
ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	0



1 PROPOSED ANTENNA MOUNTING DETAIL (ELEVATION)

SCALE: NOT TO SCALE



2 ISOMETRIC PLATFORM DETAIL

SCALE: N.T.S.

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08/25/22

T-Mobile

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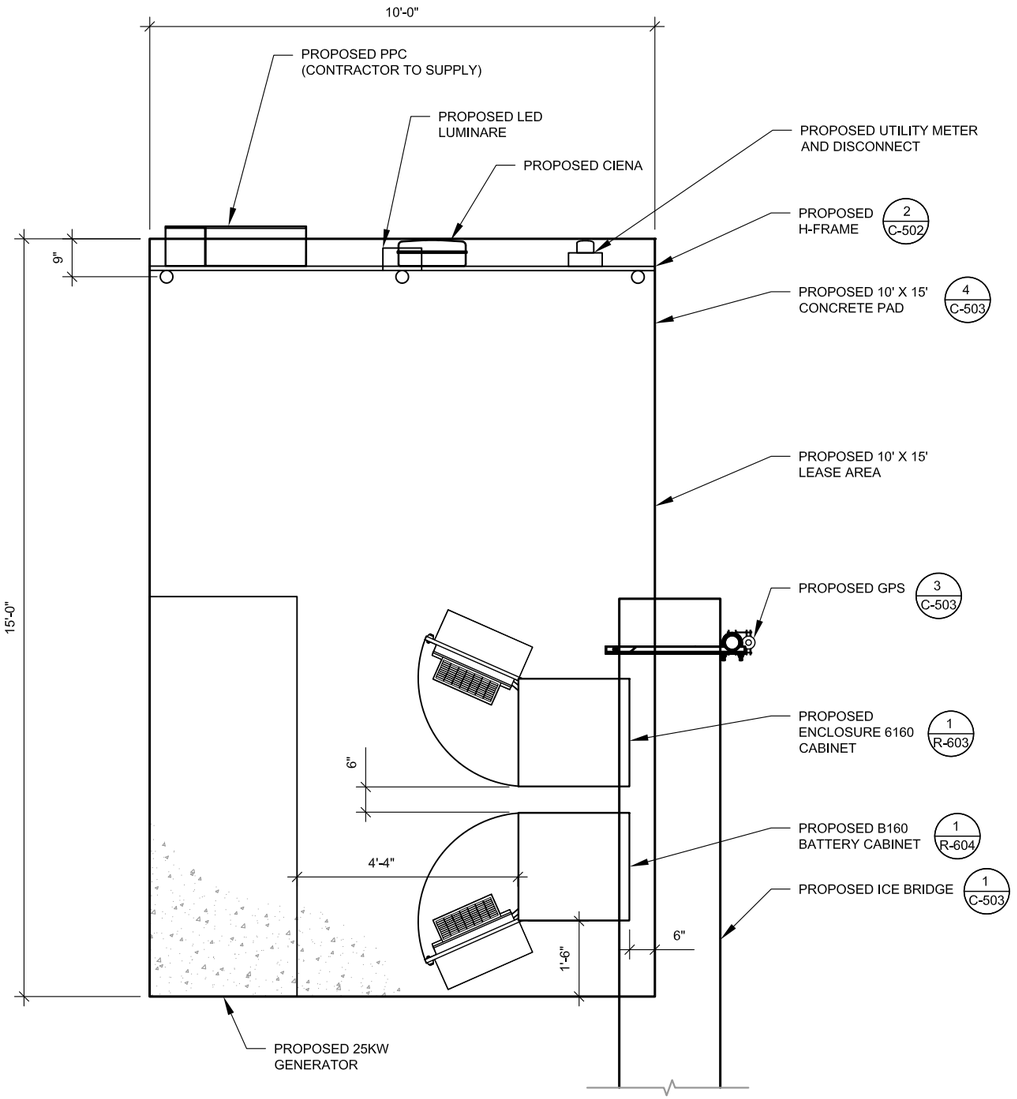
CUSTOMER #:	CTHA255A

MOUNT DETAILS

SHEET NUMBER:	REVISION:
C-501	0



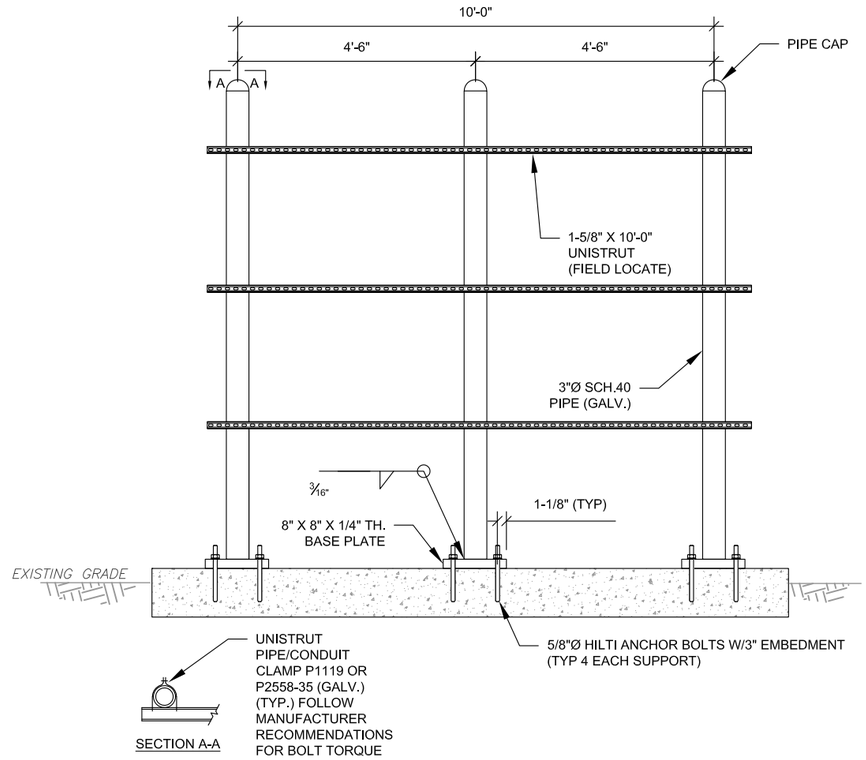
NOTE:
1. CABINETS SHALL BE ORIENTED AND INSTALLED EXACTLY AS SHOWN
2. WEIGHT OF BTS UNIT IS 615 LBS (WEIGHT IS WITHOUT EQUIPMENT)

1 DETAILED EQUIPMENT LAYOUT

SCALE: NOT TO SCALE

H-FRAME NOTES:

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



2 TYPICAL H-FRAME DETAIL

SCALE: NOT TO SCALE

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CUSTOMER ID:	CTHA255A
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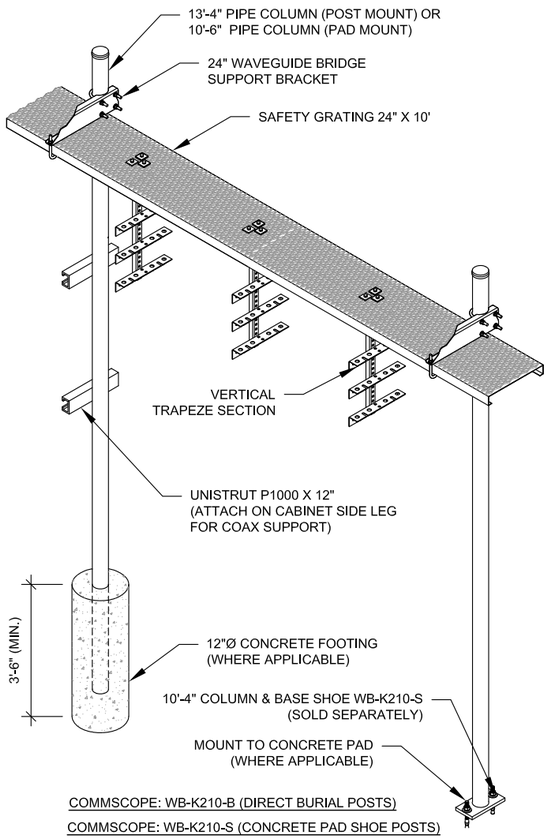
CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-502	0



COMMSCOPE: WB-K210-B (DIRECT BURIAL POSTS)

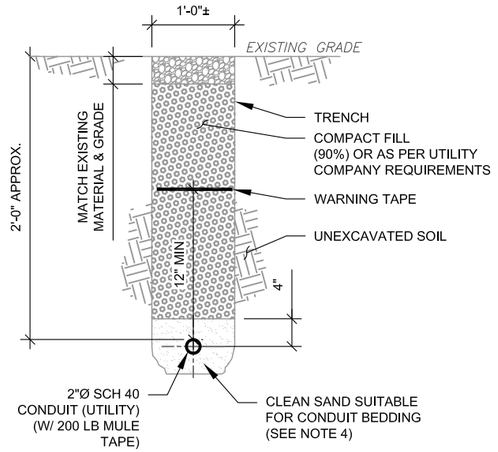
COMMSCOPE: WB-K210-S (CONCRETE PAD SHOE POSTS)

CONSTRUCTION NOTE:

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

1 WAVEGUIDE BRIDGE KIT

SCALE: NOT TO SCALE

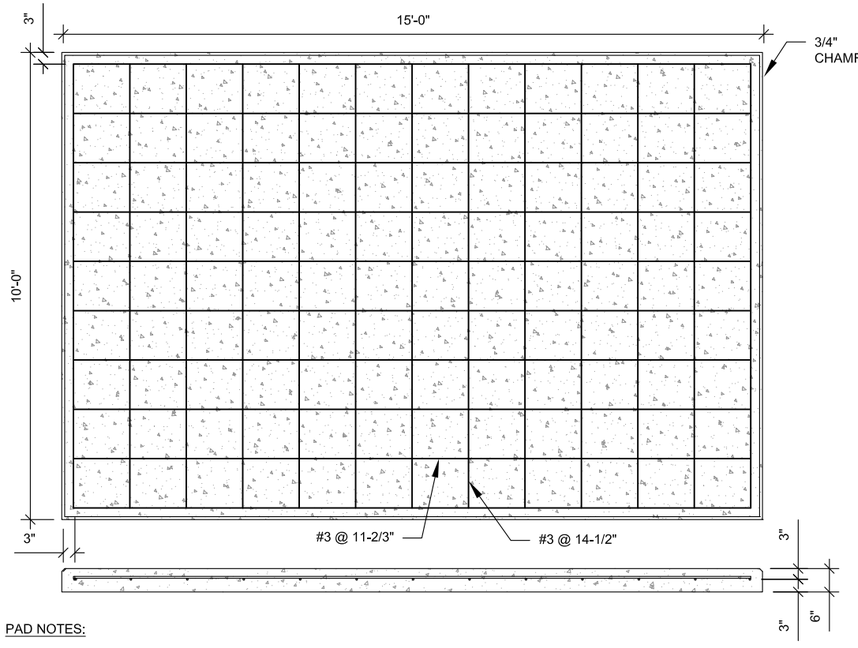


TRENCH NOTES:

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

2 SINGLE CONDUIT TRENCH

SCALE: N.T.S.

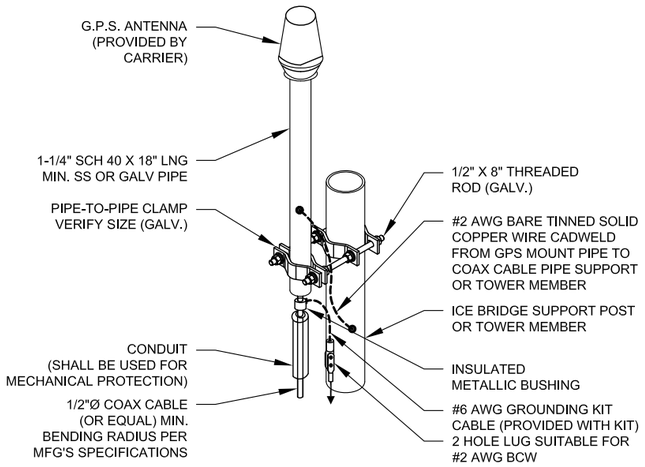


PAD NOTES:

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

4 REINFORCED PAD LAYOUT

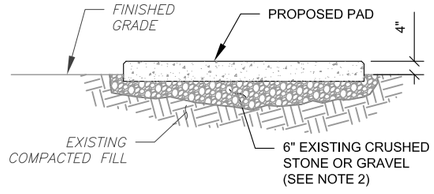
SCALE: NOT TO SCALE



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

3 GPS ANTENNA ATTACHMENT DETAIL

SCALE: NOT TO SCALE



PAD NOTES:

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

5 GRAVEL PREPARATION

SCALE: NOT TO SCALE

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CUSTOMER #:	CTHA255A

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-503	0

GROUNDING NOTES:

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

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

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

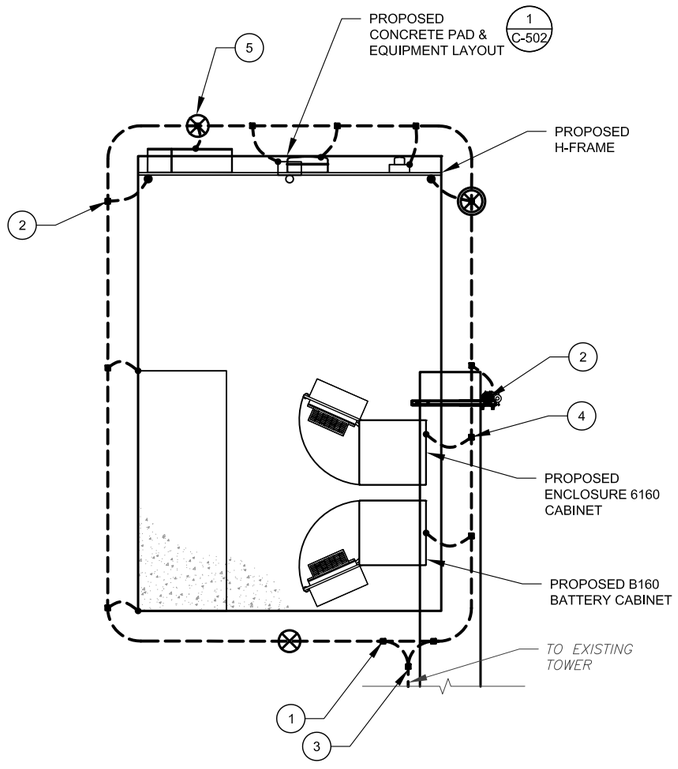
3. GROUND RINGS SHALL BE:
   - A. MINIMUM 30" BELOW GRADE, OR BELOW FROST LINE WHICHEVER IS DEEPER.
   - B. MINIMUM 2' FROM FOUNDATIONS, FOOTINGS, OTHER GROUNDING SYSTEMS AND ALL CONDUCTIVE OBJECTS.
   - C. WITH MINIMUM 12" BEND RADII.
   - D. WITH ALL CONNECTIONS IN CONTACT WITH EARTH, BONDED BY EXOTHERMIC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

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

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

EQUIPMENT POWER NOTES:

1. 2" CONDUIT W/ 3-#3/0 CU, (1) #6 AWG G, PPC POWER
2. 2" CONDUIT W/ MULE TAPE FOR TELCO FEEDER SERVICE TO TELCO SOURCE PER UTILITY
3. 2-#12, 1 #12G IN 3/4" CONDUIT FROM TELCO CAB TO 6160
4. 3-#1/0, 1-#6 IN 2" CONDUIT
5. 2" CONDUIT, FOR CAT6



1 DETAILED GROUNDING PLAN

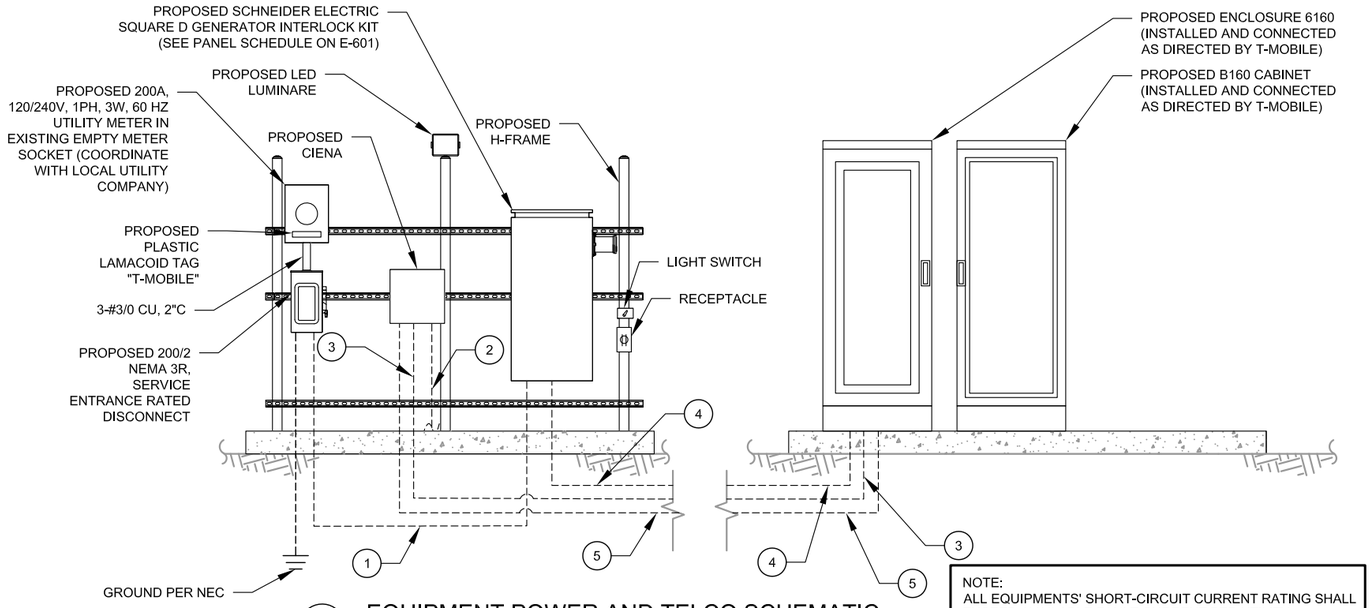
SCALE: NOT TO SCALE

GROUNDING PLAN LEGEND:

- EXISTING GROUND WIRE
- GROUND WIRE
- EXOTHERMIC WELD
- MECHANICAL WELD
- COPPER GROUND ROD
- TEST WELL

GROUNDING KEYED NOTES:

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



2 EQUIPMENT POWER AND TELCO SCHEMATIC

SCALE: N.T.S.

NOTE:
ALL EQUIPMENTS' SHORT-CIRCUIT CURRENT RATING SHALL EXCEED AVAILABLE FAULT CURRENT PER UTILITY

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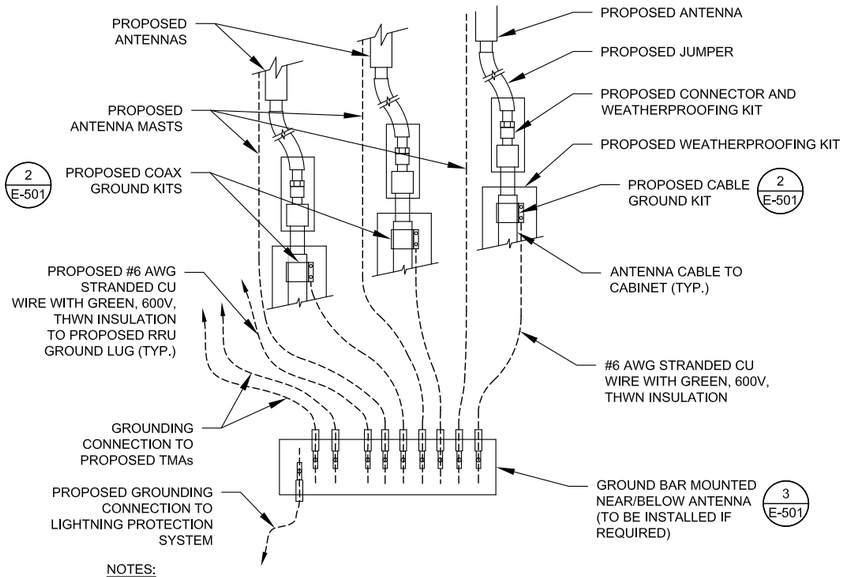
CUSTOMER #:	CTHA255A

GROUNDING DETAILS & ELECTRICAL SCHEMATIC

SHEET NUMBER:	REVISION:
E-101	0

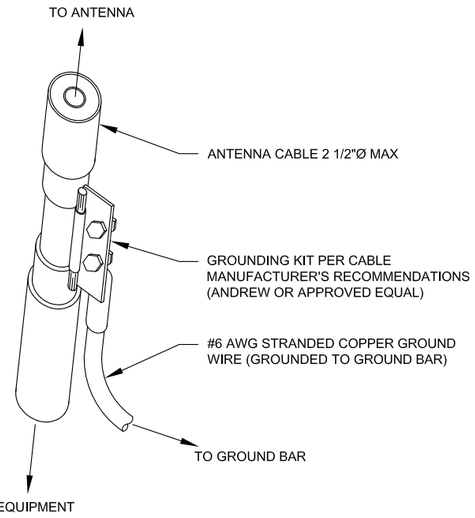


NOTES:

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

1 TYPICAL ANTENNA GROUNDING DIAGRAM

SCALE: N.T.S.

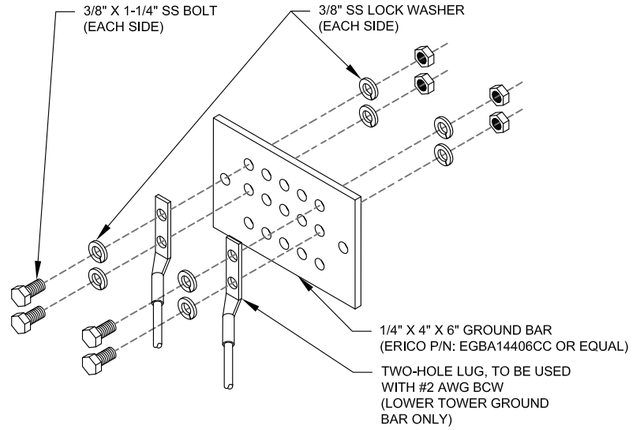


GROUND KIT NOTES:

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

2 CABLE GROUND KIT CONNECTION DETAIL

SCALE: N.T.S.

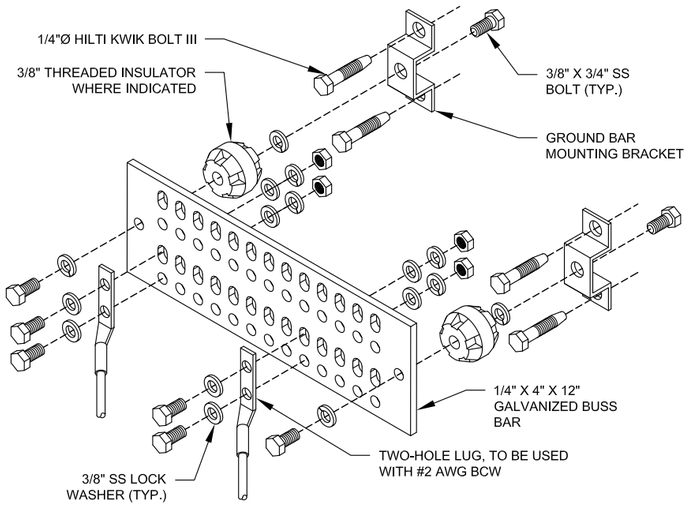


GROUND BAR NOTES:

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

3 TOWER GROUND BAR DETAIL

SCALE: N.T.S.

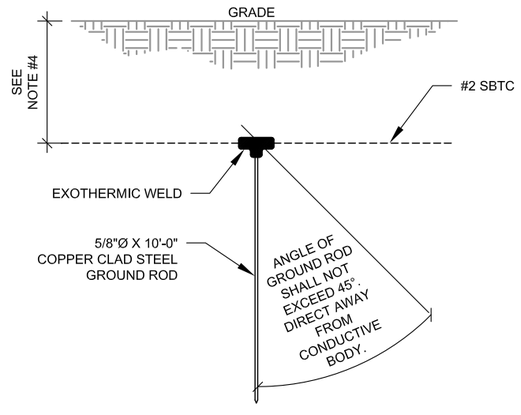


GROUND BAR NOTES

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

4 MAIN GROUND BAR DETAIL

SCALE: N.T.S.

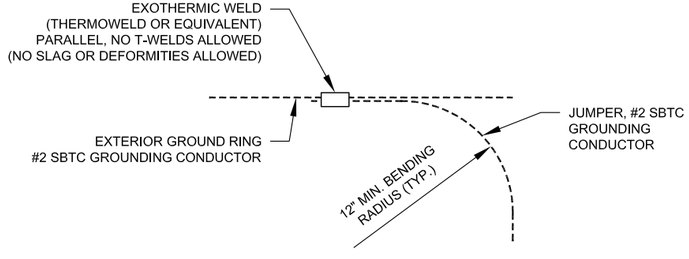


NOTES:

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

5 GROUND ROD DETAIL

SCALE: N.T.S.



6 TIE CONNECTION DETAIL

SCALE: N.T.S.

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

NB+C™ TOTALLY COMMITTED.
NB+C ENGINEERING SERVICES, LLC.
8601 SIX FORKS ROAD, SUITE 540
RALEIGH, NC 27615
(919) 657-9131

REV.	DESCRIPTION	BY	DATE
A	PRELIM	CCC	07/08/21
B	PRELIM	BIW	08/31/21
C	PRELIM	AMT	01/04/22
0	FOR CONSTRUCTION	AMT	08/25/22

ATC SITE NUMBER:
302496

ATC SITE NAME:
CLCH - COLCHESTER

T-MOBILE SITE NAME:
CTHA255A

SITE ADDRESS:
58 CHESTNUT HILL RD
COLCHESTER, CT 06415-2906

SEAL:

08/25/22

T-Mobile

DATE DRAWN:	08/25/22
ATC JOB NO:	13674383
CUSTOMER ID:	CTHA255A
CUSTOMER #:	CTHA255A

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

PANEL DESIGNATION:	***TMO***	TYPE:	LIGHTING & APPLIANCE	SYSTEM:	120/240V, 1Ø, 3W, 20 CKT	LOCATION:	TMO LEASE EQUIPMENT AREA
		MOUNTING:	SURFACE	MAIN BREAKER (MB):	200A		
		ENCLOSURE:	NEMA 3R	MAIN BUS RATING:	200A	PANEL NOTES:	PROPOSED
				MIN. A.I.C. RATING:	N/A		

CONNECTED LOAD (kVA)		BRIEF DESCRIPTION	FEEDER OR BRANCH CIRCUIT						CIRC. NOTES		FEEDER OR BRANCH CIRCUIT						BRIEF DESCRIPTION	CONNECTED LOAD (kVA)	
			BREAKER		CIRCUIT			POLE NO.			CIRC. NOTES	POLE NO.	CIRCUIT			BREAKER				
A	**B**		AMPS	POLES	WIRE	GND	COND.						COND.	GND	WIRE	POLES	AMPS		**A**	**B**
7.50		ENCLOSURE 6160	150	2	3-#1/0	#6	2"	1				2	1/2"	#12	2-#12	1	20	RECEPTACLE	0.18	
	7.50							3				4	1/2"	#12	2-#12	1	20	LIGHT		0.50
0.01		SURGE	60	2	3-#6	#10	1"	5				6	1/2"	#12	2-#12	1	20	AAV GFCI RECEPTACLE	0.18	
	0.01							7				8								0.00
0.00								9				10							0.00	
	0.00							11				12								0.00
0.00								13				14							0.00	
	0.00							15				16								0.00
0.00								17				18							0.00	
	0.00							19				20								0.00
7.5	7.5								**A**	**B**	**TOTAL**								0.4	0.5
									7.9	8.0	15.9	CONNECTED LOAD (kVA)								
									7.9	8.0	15.9	DEMAND LOAD (kVA)								

DERATING FACTOR (80%)
DEMANDLOAD SIZING: *83 AMPS*

1 PANEL SCHEDULE

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

NB+C™
TOTALLY COMMITTED.
NB+C ENGINEERING SERVICES, LLC.
8601 SIX FORKS ROAD, SUITE 540
RALEIGH, NC 27615
(919) 657-9131

REV.	DESCRIPTION	BY	DATE
A	PRELIM	CCC	07/08/21
B	PRELIM	BIW	08/31/21
C	PRELIM	AMT	01/04/22
0	FOR CONSTRUCTION	AMT	08/25/22

ATC SITE NUMBER:
302496

ATC SITE NAME:
CLCH - COLCHESTER

T-MOBILE SITE NAME:
CTHA255A

SITE ADDRESS:
58 CHESTNUT HILL RD
COLCHESTER, CT 06415-2906

SEAL:

08/25/22

T-Mobile

DATE DRAWN:	08/25/22
ATC JOB NO:	13674383
CUSTOMER ID:	CTHA255A
CUSTOMER #:	CTHA255A

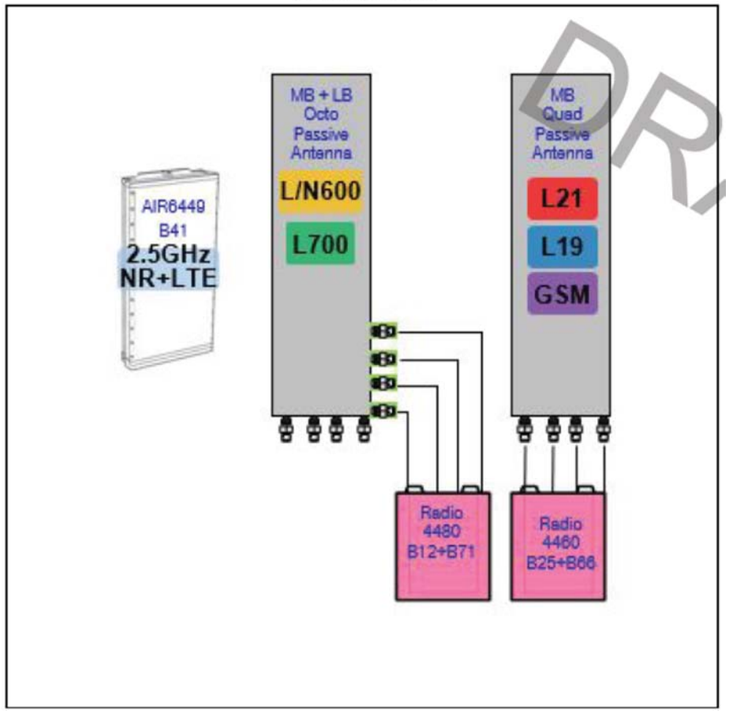
PANEL SCHEDULE

SHEET NUMBER:	REVISION:
E-601	0

Proposed RAN Equipment			
Template: 67E5A998E 6160			
Enclosure	**1**	**2**	**3**
Enclosure Type	Enclosure 6160	RBS 6601	B160
Baseband	BB 6648 (L700, L600, N600); BB 6648 (L2500, N2500); BB 6648 (L2100, L1900)	DUG20 (G1900)	
Transport System	CSR IXRe V2 (Gen2)		
Functionality Groups	Ericsson Hybrid Trunk 6/24 4AWG *Select Length* **(x 3)**		

1 CABINET CONFIGURATION
SCALE: NOT TO SCALE

67E5A998E.JPG

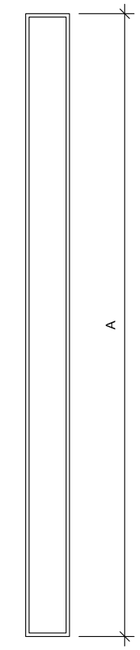


2 ANTENNA CONFIGURATION
SCALE: NOT TO SCALE

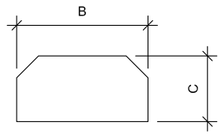
NOTE: THIS SHEET CREATED BY OTHERS AND PROVIDED BY REQUEST OF CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-601	0



FRONT VIEW

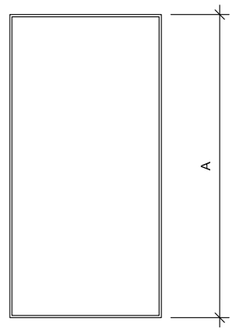


TOP VIEW

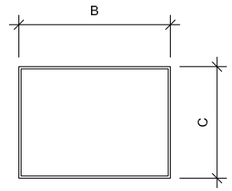
1 ANTENNA SPECIFICATIONS

FOR ILLUSTRATIVE PURPOSES ONLY - NOT TO SCALE

ANTENNA SPECIFICATIONS				
ANTENNA MODEL	A	B	C	WEIGHT (LBS)
AIR6419 B41	36.3"	20.9"	9.0"	83.3
VV-65A-R1	54.7"	12.1"	4.6"	23.8
APXVAALL24 43-U-NA20	95.9"	24.0"	8.5"	122.8



FRONT VIEW



TOP VIEW

2 RRU SPECIFICATIONS

FOR ILLUSTRATIVE PURPOSES ONLY - NOT TO SCALE

RRU SPECIFICATIONS				
RRU MODEL	A	B	C	WEIGHT (LBS)
RADIO 4480 B77+B85A	15.0"	13.2"	10.5"	75.0
RRUS 4460 B25+B66	19.6"	15.7"	12.1"	109.0

SUPPLEMENTAL

SHEET NUMBER: R-602

REVISION: 0

ERICSSON

Enclosure 6160 AC

The Enclosure 6160 is a multi-purpose site cabinet designed to support a multitude of equipment such as ERS Baseband, Transport, Li-Ion battery and 3PP vendor equipment. It also provides a highly capable power system and battery back-up - all in a streamlined design and minimized footprint to support cost efficient expansion of mobile broadband.

Being an all-in-one enclosure, the Enclosure 6160 is a very fitting choice for all types of sites where the capacity need is large or room for future expansion is needed. It is ideally used for modernizing existing sites or in greenfield scenarios to match both current and future needs.

With a robust design, IP65 compliance and a sealed Heat Exchanger (HEX) climate system the Enclosure 6160 ensures optimal environmental protection of the active equipment - enabling them for a long-lasting service. The complete system is also integrated and verified for the entire Ericsson Radio System and ensures best-in-class service.

The power system offers 31,5kW of power in total and provides 24kW of -48V DC power for both internal and external consumers.

The equipment space allows 19U of rack space ensuring well enough capacity for existing need and future expansion.

One of the main advantages of the Enclosure 6160 is its default integration with ENM - allowing for advanced remote monitoring and control such a fault management (alarms), inventory management and performance measurements. The cabinet also provides an open O&M interface for integration to 3PP O&M systems.

Preliminary technical specification for Enclosure 6160 AC

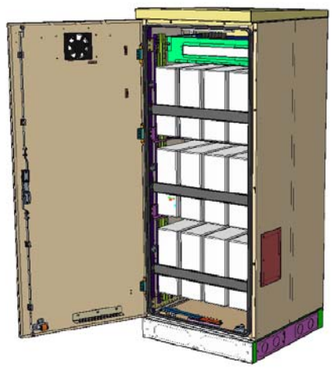
CAPACITY	
Rack space user equipment	19U (19" rack)
Hardware capabilities	Power and CPRI support for multi-standard remote radios (RRU or AIR) ERS Baseband and Transport units Li-Ion batteries 3PP equipment Additional power feed available as option
MECHANICAL SPECIFICATION	
Weight	145 kg (excluding active equipment) 320 lbs (excluding active equipment)
Dimension (H x W x D)	1600 x 650 x 650 mm (incl. Base frame) 63 x 26 x 26 in. (incl. Base frame)
Base frame height	150 mm 6 in.
Mounting position	Ground
Enclosure material	Aluminum
Color	Power paint NCS 2002-B
Door	Front access
Rack type	19" (IEC 60297-3-100)
Locking type	Pad lock or Cylinder
POWER SYSTEM	
Input voltage	3P+N+PE: 346/200-415/240 VAC 2P+N+PE: 208/120-220/127 VAC 1P+N+PE: 200-250 VAC
Input power	<33kW
Output load (-48VDC)	24kW
Total capacity (-48VDC)	31.5kW
AC SPD	Class 2/Type 2
DC SPD	Class 2/Type 2
PSU Slots	9x
Service outlet	Optional
Priority load	8x Circuit Breaker
LLVD 1	6x Circuit Breaker
LLVD 2	6x Circuit Breaker
CB ratings	3A / 5A / 10A / 15A / 20A / 25A / 30A / 40A / 50A / 60A / 80A / 100A
Battery Interface	2x Circuit Breaker
Battery Circuit Breaker rating	125A 2pol (200A)
PSU capacity	3500W

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

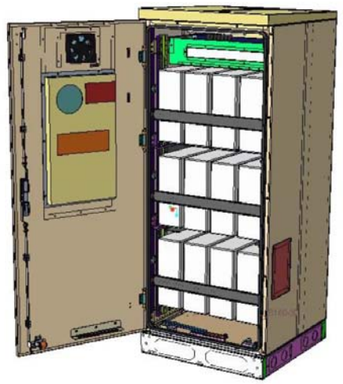
SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-603	0

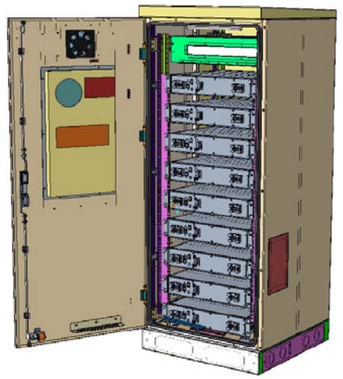
Enclosure B160



Enclosure B160
AirCon + VRLA



Enclosure B160
AirCon + Li-Ion



Enclosure B160
Convection Cooling
+ VRLA

Enclosure B160

Capacity
- VRLA 12V: 100Ah / 150Ah / 170Ah / 190Ah / 210Ah
- Li-Ion: 24U 19" / 23"
- Sodium-Nickel: 3x FIAMM

Electrical specification
- DC Output: -48VDC/200A
- Battery breakers: 2x 125/2p
- Alarms: Door open, Climate failure, MCB Connection

Mechanical specification
- Weight: 134kg
- Dimensions: 63 x 26 x 26 in. (incl. Base frame)
- Base frame height: 6 in.
- Material: Galvanized steel (180g/m^2)
- Color: Powder paint NCS 2002-B
- Door: Front access
- Locking type: Pad lock / cylinder

Environmental specification
- Ingress protection: VRLA/Sodium IP44
Li-Ion IP55
- Relative humidity: 15-100%

Climate system
- Air Conditioner
  - Fan type: DC
  - Cooling capacity: 500W @L35/L35
- Convection cooling
  - Emergency fan

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

SUPPLEMENTAL

SHEET NUMBER: R-604

REVISION: 0

From the World Leader in VRLA Battery Technology

Designed for durability in Telecommunications and Electric Utility applications, the GNB Industrial Power *MARATHON*® M12V180FT Battery provides high performance and reliability in long duration discharge applications. The location of the terminals on the front (vs. the top) of the battery greatly facilitates the installation and maintenance of the product when placed in a cabinet enclosure or on a standard relay rack tray. The *MARATHON*® M12V180FT Battery highlights another example of GNB Industrial Power's extensive experience and world wide leadership in VRLA technology.

"Designed in" Quality Manufacturing

Quality manufacturing processes for the **MARATHON**® M12V180FT Battery incorporates the industry's most advanced technologies including: an automated helium leak detection system, a computer controlled "fill by weight" acid filler, and a temperature controlled water bath formation process. Each and every unit is capacity tested.

High Performance MARATHON® M12V180FT Features

- **Patented "Diamond Side-Wall" Design** maintains structural integrity in higher operating temperatures
- **Durable Flame Retardant Polypropylene Container and Cover** complies with UL94 V-0; 28% L.O.I.
- **Carry Handles** facilitates ease of installation
- **High-Compression Absorbent Glass Mat (AGM) Technology** ensures greater than 99% recombination efficiency
- **Integrated Flash Arrestor** ultrasonically welded into cover for secure and safe protection
- **10 Year Design Life** in float applications @ 25°C (77°F); 12 year @ 20°C (68°F)
- **Superior Lead-Tin-Calcium Positive Alloy** helps to resist corrosion
- **Higher Vent Opening Pressure** minimizes unnecessary gassing; one-way self resealing device
- **Front Accessible Copper Alloy, 6 mm, Female Terminals** ensures low resistance, high integrity connections
- **"Easy On\Easy Off" Terminal Post Protector** provides added safety
- **Wider Bushing** allows access for larger probes
- **Footprint Ready** fits in all standard 23" Relay Rack Applications
- **Compliance:** Designed in accordance with IEC 60896-21/-22
- **No Transport Restrictions:** Complies with IATA/ICAO Special Provision A67; DOT-CFR Title 49; IMDG Amendment 34-08

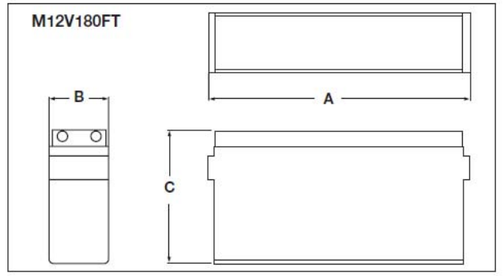
Applications

The **MARATHON**® M12V180FT Battery incorporates GNB Industrial Power's advanced VRLA technology designed for long life and high performance in:

Telecommunications
- Distributed Power
- PCS
- Cellular
- Broadband

Electric Utility
- Switchgear Control Power
- Communications

Model Number	Voltage	Capacity (AH)		Nominal Dimensions						Nominal Weight	
				Inches			Millimeters				
		8 hr to 1.75 VPC @ 25°C	10 hr to 1.80 VPC @ 20°C	A	B	C	A	B	C	lbs.	Kg
M12V180FT	12	180	175	22.00	4.90	12.50	559	124	318	133	60



Float Voltage & Charging

Constant Voltage charging is recommended

Recommended float voltage: 2.27 VPC @ 25°C (77°F)

Float Voltage Range: 2.25 to 2.30 VPC @ 25°C (77°F)

Equalize Voltage: 2.35 VPC for 24 Hours or 2.40 VPC for 12 Hours

NOTE: Design and/or specifications subject to change without notice. If questions arise, contact your local GNB Industrial Power sales representative for clarification

Marathon® M12V180FT Electrical Data

Model Number	Short Circuit Current Amps	Internal Resistance (mOhms)
M12V180FT	4147	3.0

Marathon M12V180FT Performance Specifications

Amperes @ 25° (77°F)

End Voltage Per Cell	Time															
	24 hr	20 hr	12 hr	10 hr	9 hr	8 hr	7 hr	6 hr	5 rh	4 hr	3 hr	2.5 hr	2 hr	1.5 hr	1 hr	0.5 hr
1.94 Final Volts Per Cell	6.4	7.6	12.2	14.4	15.9	17.7	20.0	22.5	26.1	31.2	39.4	45.6	54.6	69.1	89.8	134.0
1.92 Final Volts Per Cell	6.8	8.0	12.9	15.3	16.9	18.9	21.1	23.8	27.6	33.1	41.9	48.6	58.3	73.1	96.1	144.5
1.90 Final Volts Per Cell	7.1	8.4	13.6	16.1	17.8	19.9	22.0	24.9	28.9	34.8	44.0	51.2	61.5	76.6	101.7	154.6
1.87 Final Volts Per Cell	7.5	8.9	14.3	16.9	18.6	20.8	23.5	26.5	30.6	36.5	45.8	52.8	63.0	79.0	108.7	167.9
1.85 Final Volts Per Cell	7.7	9.1	14.6	17.3	19.1	21.3	24.1	27.1	31.3	37.4	47.1	54.4	65.0	81.7	112.7	175.2
1.83 Final Volts Per Cell	7.9	9.3	14.9	17.6	19.5	21.7	24.5	27.6	31.9	38.2	48.0	55.6	66.5	83.8	115.9	181.5
1.81 Final Volts Per Cell	7.9	9.4	15.1	17.9	19.7	22.0	24.9	27.9	32.3	38.7	48.8	56.5	67.6	85.3	118.2	186.4
1.80 Final Volts Per Cell	8.0	9.4	15.2	18.0	19.8	22.1	25.0	28.0	32.5	38.9	49.1	56.8	68.0	85.8	119.1	188.5
1.78 Final Volts Per Cell	8.0	9.5	15.3	18.1	20.0	22.3	25.2	28.2	32.7	39.2	49.5	57.4	68.7	86.7	120.3	191.9
1.75 Final Volts Per Cell	8.1	9.6	15.4	18.3	20.2	22.5	25.5	28.4	33.0	39.5	49.9	57.9	69.4	87.6	121.7	194.5

1 M12V180FT BATTERY
SCALE: N.T.S.

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. GENERAL CONTRACTOR IS TO CHECK WITH THE T-MOBILE CM TO ENSURE THIS IS THE MOST RECENT VERSION OF THE RFDS.

SUPPLEMENTAL

SHEET NUMBER: R-605

REVISION: 0

AMERICAN TOWER®
CORPORATION

Post Modificatio Structural Analysis Report

Structure	:	**181 ft Monopole**
ATC Site Name	:	**Clch - Colchester,CT**
ATC Site Number	:	**302496**
Engineering Number	:	**13674383_C4_11**
Proposed Carrier	:	**T-MOBILE**
Carrier Site Name	:	**CTHA255A**
Carrier Site Number	:	**CTHA255A**
Site Location	:	**Chestnut Hill Road** **Colchester, CT 06415-2906** **41.5689, -72.3037**
County	:	**New London**
Date	:	**August 26, 2022**
Max Usage	:	**95%**
Result	:	**Pass**

Prepared By:

Kingsley C. Igboanugo
Structural Engineer III

Reviewed By:

STATE OF CONNECTICUT
ESHA KAUSHAL MODI
32593
LICENSED
PROFESSIONAL ENGINEER

Authorized by "EOR"
10 Nov 2022 03:37:05 cosign

COA : PEC.0001553

Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 181 ft Monopole to reflect the change in loading by T-MOBILE.

Supporting Documents

Tower Drawings	Mapping by HighTower Project #HTS011509, dated January 13, 2008
Foundation Drawing	Mapping by American Tower Site #302496 dated January 22, 2009
Geotechnical Report	GEOServices Project #21-07254, dated January 6, 2009
Modifications	ATC Project #13674383_C6_09, dated March 10, 2022 (Pending)

Analysis

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

Basic Wind Speed:	122 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial ice concurrent
Code:	ANSI/TIA-222-H / 2021 IBC / 2022 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Spectral Response:	Ss = 0.20, S_1 = 0.06
Site Class:	D - Stiff Soil - Default

****Wind load and Ice thickness have been reduced by applicable existing structure load modification factors in accordance with TIA-222-H, Annex S.**

Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report. If the pending modifications cited in the supporting documents table are not completed, the results of this analysis are no longer valid, and T-Mobile should contact America Tower's Site Manager for further direction on how to proceed.

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

Existing and Reserved Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
185.0	3	Kaelus DBC0061F1V51-2	Triangular Platform with Handrails	(1) 0.39" (10mm) Fiber Trunk (2) 0.78" (19.7mm) 8 AWG 6 (12) 1 1/4" Coax	AT&T MOBILITY
	1	Raycap DC6-48-60-18-8F (23.5" Height)			
	6	Powerwave Allgon LGP17201			
	3	Ericsson RRUS-11 800 MHz			
	3	Ericsson RRUS 32 B2			
	1	KMW AM-X-CD-14-65-00T-RET			
	3	Powerwave Allgon 7770.00			
	2	CCI TPA-65R-LCUUUU-H8			
	2	Andrew SBNH-1D6565C			
	1	Quintel QS46512-2			
150.0	3	Fujitsu TA08025-B605	Triangular Platform with Handrails	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	3	Fujitsu TA08025-B604			
	1	Raycap RDIDC-9181-PF-48			
	3	Commscope FFVV-65B-R2			

Equipment to be Removed

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

Proposed Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
167.0	3	Ericsson Radio 4460 B25+B66	Triangular Platform with Handrails	(3) 1 5/8" Hybriflex	T-MOBILE
	3	Ericsson Radio 4480 B71+B85A			
	3	Ericsson Air6419 B41			
	3	Commscope VV-65A-R1			
	3	RFS APXVAALL24 43-U-NA20			

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

Install proposed lines inside the pole shaft.

Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	89%	Pass
Shaft	95%	Pass
Reinforcement	86%	Pass
Base Plate	22%	Pass
Flange	37%	Pass

Foundations

Reaction Component	Analysis Reactions	% of Usage
Moment (Kips-Ft)	3634.8	22%
Axial (Kips)	53.7	2%

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

Deflection, Twist and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
167.0	Ericsson Radio 4460 B25+B66	T-MOBILE	2.998	2.120
	Ericsson Radio 4480 B71+B85A			
	RFS APXVAALL24 43-U-NA20			
	Commscope VV-65A-R1			
	Ericsson Air6449 B41			

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

Standard Conditions

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

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

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

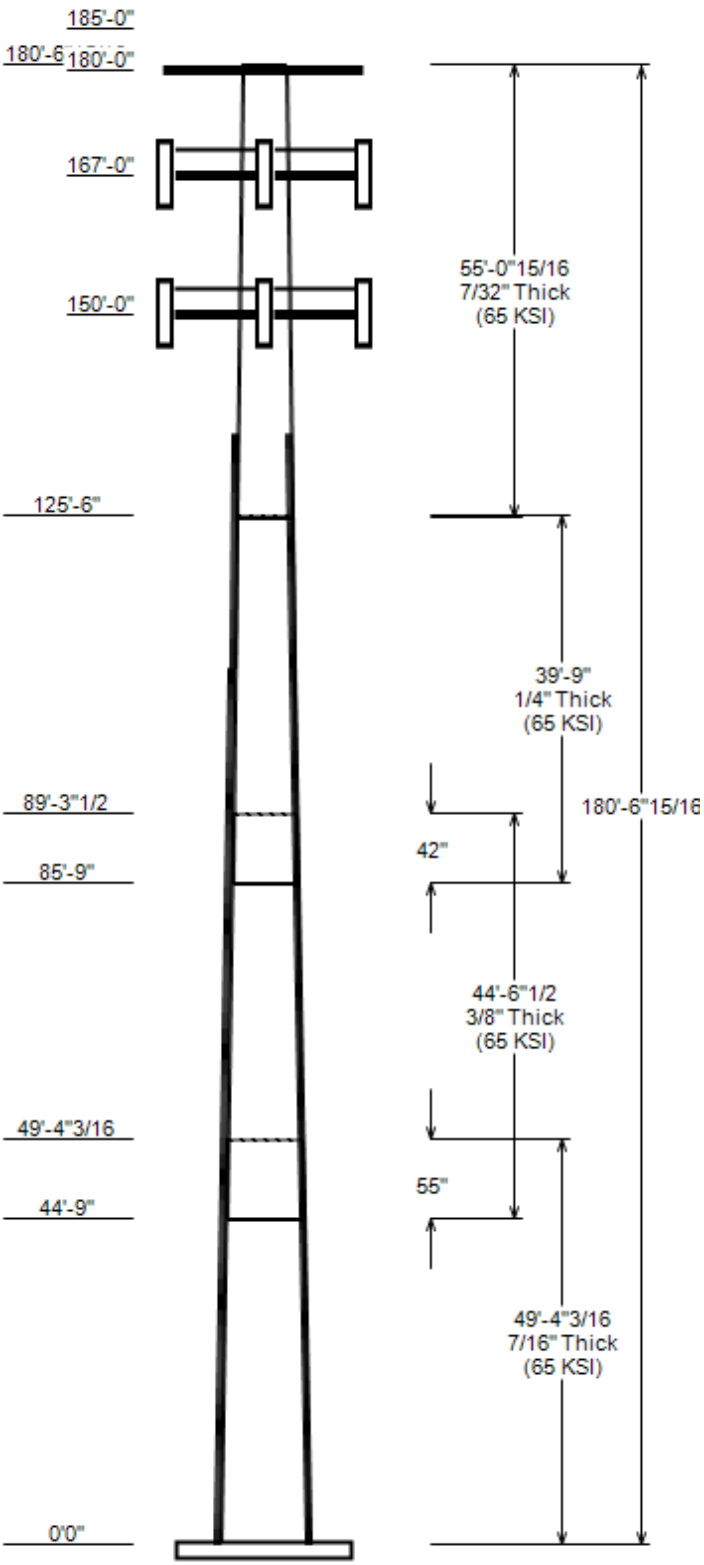
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with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

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

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

JOB INFORMATION

Asset :	302496, Clch - Colchester	Height :	180.58 ft
Client :	T-MOBILE	Base Width :	41.7
Code :	ANSI/TIA-222-H	Shape :	12 Sides



SITE PARAMETERS

Nominal Wind: 118.91 mph wind with no ic **Topo Category:** 1

Ice Wind: 48.73 mph wind with 0.850" **Topo Method:** Method 1

Base Elev (ft): 0.00 **Taper :** 0.15100(In/ft) **Topo Feature:**

Structure Class: II **Exposure :** B **S_s :** 0.204 **S_1** : 0.055

SECTION PROPERTIES

Shaft Section	Length (ft)	Diameter (in) Across Flats Top	Diameter (in) Across Flats Bottom	Thick (in)	Joint Type	Overlap Length (in)	Shape	Steel Grade (ksi)
1	49.350	34.23	41.70	0.438		0.000	12 Sides	65
2	44.541	28.93	35.67	0.375	Slip Joint	55.210	12 Sides	65
3	39.750	23.94	29.96	0.250	Slip Joint	42.490	12 Sides	65
4	55.080	15.60	23.94	0.219	Butt Joint	0.000	12 Sides	65

DISCRETE APPURTENANCE

Attach Elev (ft)	Force Elev (ft)	Qty	Description
185.0	185.0	3	Kaelus DBC0061F1V51-2
185.0	185.0	1	Raycap DC6-48-60-18-8F (23.5"
185.0	185.0	6	Powerwave Allgon LGP17201
185.0	185.0	3	Ericsson RRUS-11 800 MHz
185.0	185.0	3	Ericsson RRUS 32 B2
185.0	185.0	1	KMW AM-X-CD-14-65-00T-RET
185.0	185.0	3	Powerwave Allgon 7770.00
185.0	185.0	1	Quintel QS46512-2
185.0	185.0	2	Andrew SBNH-1D6565C
185.0	185.0	2	CCI TPA-65R-LCUUUU-H8
180.0	180.0	1	Flat Platform w/ Handrails
167.0	167.0	3	Ericsson Radio 4460 B25+B66
167.0	167.0	3	Ericsson Radio 4480 B71+B85A
167.0	167.0	3	Ericsson Air6449 B41
167.0	167.0	3	Commscope VV-65A-R1
167.0	167.0	3	RFS APXVAALL24 43-U-NA20
167.0	167.0	1	Generic Round Platform with Ha
150.0	150.0	1	Raycap RDIDC-9181-PF-48
150.0	150.0	3	Fujitsu TA08025-B604
150.0	150.0	3	Fujitsu TA08025-B605
150.0	150.0	3	Commscope FFVV-65B-R2
150.0	150.0	1	Generic Round Platform with Ha

LINEAR APPURTENANCE

Elev From (ft)	Elev To (ft)	Description	Exp To Wind
0.0	185.0	1 1/4" Coax	No
0.0	185.0	0.78" (19.7mm) 8 AWG 6	No
0.0	185.0	0.39" (10mm) Fiber Trunk	No
0.0	167.0	1 5/8" Hybriflex	Yes
0.0	150.0	1.60" (40.6mm) Hybrid	No
107.0	140.0	W8 Brackets for #20	Yes
107.0	140.0	W8 Brackets for #20	Yes
107.0	140.0	W8 Brackets for #20	Yes
107.0	140.0	W8 Brackets for #20	Yes
107.0	140.0	#20 w/ W Brackets	Yes
107.0	140.0	#20 w/ W Brackets	Yes
107.0	140.0	#20 w/ W Brackets	Yes
107.0	140.0	#20 w/ W Brackets	Yes
0.0	107.0	#20 w/ Angle Brackets	Yes
0.0	107.0	#20 w/ Angle Brackets	Yes
0.0	107.0	#20 w/ Angle Brackets	Yes

JOB INFORMATION			
Asset :	302496, Clch - Colchester	Height :	180.58 ft
Client :	T-MOBILE	Base Width :	41.7
Code :	ANSI/TIA-222-H	Shape :	12 Sides

LINEAR APPURTENANCE

Elev From (ft)	Elev To (ft)	Description	Exp To Wind
0.0	107.0	#20 w/ Angle Brackets	Yes

LOAD CASES

1.2D + 1.0W Normal	118.91 mph wind with no ice
0.9D + 1.0W Normal	118.91 mph wind with no ice
1.2D + 1.0Di + 1.0Wi Nor	48.73 mph wind with 0.850" radial
1.2D + 1.0Ev + 1.0Eh Nor	Seismic
0.9D - 1.0Ev + 1.0Eh Nor	Seismic (Reduced DL)
1.0D + 1.0W Service Norm	60 mph Wind with No Ice

REACTIONS

Load Case	Moment (kip-ft)	Shear (Kip)	Axial (Kip)
1.2D + 1.0W Normal	3634.79	30.40	53.70
0.9D + 1.0W Normal	3554.44	30.36	40.25
1.2D + 1.0Di + 1.0Wi Normal	719.15	5.34	67.23
1.2D + 1.0Ev + 1.0Eh Normal	210.33	1.35	53.88
0.9D - 1.0Ev + 1.0Eh Normal	204.13	1.35	37.11
1.0D + 1.0W Service Normal	818.27	6.92	44.80

DISH DEFLECTIONS

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

ANALYSIS PARAMETERS

Location:	New London County,CT	**Height:**	180.58 ft
Type and Shape:	Taper, 12 Sides	**Base Diameter:**	41.70 in
Manufacturer:	Undetermined	**Top Diameter:**	15.60 in
K_d (non-service):	0.95	**Taper:**	0.1510 in/ft
K_e:	0.98	**Rotation:**	0.000°

ICE & WIND PARAMETERS

Exposure Category:	B	**Design Wind Speed w/o Ice:**	119 mph
Risk Category:	II	**Design Wind Speed w/Ice:**	49 mph
Topo Factor Procedure:	Method 1	**Operational Wind Speed:**	60 mph
Topographic Category:	1	**Design Ice Thickness:**	0.85 in
Crest Height:	0 ft	**HMSL:**	550.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil			**Period Based on Rayleigh Method (sec):**	3.54
T_L (sec):	6	**P:**	1	**C_s:**	0.030
S_s:	0.204	**S_1:**	0.055	**C_s Max:**	0.030
F_a:	1.600	**F_v:**	2.400	**C_s Min:**	0.030
S_{ds}:	0.218	**S_{d1}:**	0.088		

LOAD CASES

1.2D + 1.0W Normal	118.91 mph wind with no ice
0.9D + 1.0W Normal	118.91 mph wind with no ice
1.2D + 1.0Di + 1.0Wi Normal	48.73 mph wind with 0.850" radial ice
1.2D + 1.0Ev + 1.0Eh Normal	Seismic
0.9D - 1.0Ev + 1.0Eh Normal	Seismic (Reduced DL)
1.0D + 1.0W Service Normal	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (in²)	Bottom Ix (in⁴)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (in)	Top Area (in²)	Top Ix (in⁴)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-12	49.35	0.4375	65		0.00	8,877	41.70	0.000	58.13	12,632.4	22.86	95.31	34.23	49.35	47.60	6,935.9	18.28	78.23	0.1515
2-12	44.54	0.3750	65	Slip	55.21	5,843	35.67	44.749	42.62	6,777.9	22.81	95.13	28.93	89.29	34.48	3,587.1	17.99	77.14	0.1515
3-12	39.75	0.2500	65	Slip	42.49	2,907	29.96	85.750 125.50	23.92	2,695.2	29.43	119.85	23.94	125.50	19.07	1,366.4 327.2	22.98	95.77	0.1515
4-12	55.08	0.2188	65	Butt	0.00	2,581	23.94	0	16.71	1,200.6	26.64	109.42	15.60	180.58	10.84		16.42	71.29	0.1515

Shaft Weight 20,208

DISCRETE APPURTENANCE PROPERTIES

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor
185.00	Ericsson RRUS-11 800 MHz	3	0.75	0.000	54.00	2.522	0.50	97.60	3.124	0.50
185.00	Powerwave Allgon LGP17201	6	0.75	0.000	31.00	1.668	0.50	53.06	2.160	0.50
185.00	Raycap DC6-48-60-18-8F (23.5"	1	0.75	0.000	20.00	1.260	1.00	50.45	1.641	1.00
185.00	Kaelus DBC0061F1V51-2	3	0.75	0.000	25.50	0.433	0.50	36.19	0.693	0.50
185.00	Andrew SBNH-1D6565C	2	0.75	0.000	66.10	11.440	0.77	198.79	13.311	0.77
185.00	CCI TPA-65R-LCUUUU-H8	2	0.75	0.000	81.60	13.298	0.77	241.69	15.457	0.77
185.00	Quintel QS46512-2	1	0.75	0.000	104.00	5.553	1.00	189.74	6.719	1.00
185.00	Powerwave Allgon 7770.00	3	0.75	0.000	35.00	5.508	0.65	100.75	6.737	0.65
185.00	KMW AM-X-CD-14-65-00T-RET	1	0.75	0.000	36.40	4.994	1.00	100.77	6.075	1.00
185.00	Ericsson RRUS 32 B2	3	0.75	0.000	53.00	2.743	0.50	95.54	3.419	0.50
180.00	Flat Platform w/ Handrails	1	1.00	0.000	2000.00	42.400	1.00	2820.69	54.511	1.00
167.00	RFS APXVAALL24 43-U-NA20	3	0.75	0.000	122.80	20.243	0.63	346.23	22.370	0.63
167.00	Commscope VV-65A-R1	3	0.75	0.000	23.80	5.928	0.63	91.16	7.143	0.63
167.00	Ericsson Air6419 B41	3	0.75	0.000	104.00	5.682	0.63	182.17	6.593	0.63
167.00	Ericsson Radio 4480 B71+B85A	3	0.75	0.000	84.00	2.852	0.50	127.34	3.493	0.50
167.00	Ericsson Radio 4460 B25+B66	3	0.75	0.000	109.00	2.564	0.50	159.70	3.169	0.50
167.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3429.10	41.222	1.00
150.00	Commscope FFVV-65B-R2	3	0.75	0.000	70.80	12.271	0.64	213.26	13.860	0.64
150.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	110.51	2.483	0.50
150.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	96.96	2.483	0.50
150.00	Raycap RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	54.16	2.377	1.00
150.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3418.18	41.057	1.00
Totals	Num Loadings: 22	53			10,126.10			16,234.64		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg) : 0.00

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax/ Row	Dist Between Rows(in)	Dist Between Cols(in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	185.00	12	1 1/4" Coax	1.55	0.63	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	185.00	2	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	185.00	1	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	167.00	3	1 5/8" Hybriflex	1.98	1.3	N	3	1	1	90	1	Y	T-MOBILE
0.00	150.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS
107.00	140.00	1	W8 Brackets for #20	2.48	6.3	N	1	0	0	180	0	Y	
107.00	140.00	1	#20 w/ W Brackets	2.5	0	N	1	0	0	180	0	Y	
107.00	140.00	1	#20 w/ W Brackets	2.5	0	N	1	0	0	90	0	Y	
107.00	140.00	1	W8 Brackets for #20	2.48	6.3	N	1	0	0	270	0	Y	
107.00	140.00	1	W8 Brackets for #20	2.48	6.3	N	1	0	0	90	0	Y	
107.00	140.00	1	W8 Brackets for #20	2.48	6.3	N	1	0	0	0	0	Y	
107.00	140.00	1	#20 w/ W Brackets	2.5	0	N	1	0	0	270	0	Y	
107.00	140.00	1	#20 w/ W Brackets	2.5	0	N	1	0	0	0	0	Y	
0.00	107.00	1	#20 w/ Angle Brackets	4	4.68	N	1	0	0	180	0	Y	

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax/ Row	Dist Between Rows(in)	Dist Between Cols(in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	107.00	1	#20 w/ Angle Brackets	4	4.68	N	1	0	0	0	0	Y	
0.00	107.00	1	#20 w/ Angle Brackets	4	4.68	N	1	0	0	270	0	Y	
0.00	107.00	1	#20 w/ Angle Brackets	4	4.68	N	1	0	0	90	0	Y	

ADDITIONAL STEEL

						Intermediate Connectors				
Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	Description	Spacing (in)	Len (in)	Connectors	Continuation?
0.00	107.00	4	SOL #20 All Thread Bar	80	2.19	6" Angle Bracket	30.00	3.31	5/8" A36 U-Bolt	N
107.00	135.44	4	SOL #20 All Thread Bar	80	8.19	6" T Bracket	30.00	3.31	5/8" A36 U-Bolt	N

SEGMENT PROPERTIES

(Max Len: 5.ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)	Additional Reinforcing Area (in^2)	Additional Reinforcing Ix (in^4)	Additional Reinforcing Weight (lb)
0.00		0.4375	41.700	58.129	12,632.40	22.86	95.31	79.8	585.2	0.0	0.0	19.640	5,801.50	0.0
5.00		0.4375	40.943	57.062	11,949.60	22.40	93.58	80.3	563.8	0.0	979.9	19.640	5,622.30	334.0
10.00		0.4375	40.185	55.995	11,291.80	21.93	91.85	80.8	542.8	0.0	961.8	19.640	5,445.90	334.0
15.00		0.4375	39.428	54.928	10,658.60	21.47	90.12	81.3	522.2	0.0	943.6	19.640	5,272.30	334.0
20.00		0.4375	38.671	53.861	10,049.50	21.00	88.39	81.8	502.0	0.0	925.5	19.640	5,101.50	334.0
25.00		0.4375	37.914	52.794	9,464.10	20.54	86.66	81.9	482.2	0.0	907.3	19.640	4,933.50	334.0
30.00		0.4375	37.156	51.727	8,901.90	20.08	84.93	81.9	462.8	0.0	889.2	19.640	4,768.40	334.0
35.00		0.4375	36.399	50.661	8,362.40	19.61	83.20	81.9	443.8	0.0	871.0	19.640	4,606.00	334.0
40.00		0.4375	35.642	49.594	7,845.10	19.15	81.47	81.9	425.2	0.0	852.9	19.640	4,446.50	334.0
44.75	Bot - Section 2	0.4375	34.922	48.580	7,374.00	18.71	79.82	81.9	407.9	0.0	793.3	19.640	4,297.60	317.3
45.00		0.4375	34.884	48.527	7,349.60	18.69	79.74	81.9	407.0	0.0	77.7	19.640	4,445.00	16.7
49.35	Top - Section 1	0.3750	34.975	41.780	6,384.40	22.31	93.27	80.4	352.6	0.0	1,335.7	19.640	4,308.50	290.6
50.00		0.3750	34.877	41.661	6,330.00	22.24	93.01	80.5	350.6	0.0	92.3	19.640	4,288.30	43.4
55.00		0.3750	34.120	40.747	5,922.30	21.70	90.99	81	335.3	0.0	701.0	19.640	4,134.50	334.0
60.00		0.3750	33.362	39.832	5,532.40	21.16	88.97	81.6	320.4	0.0	685.5	19.640	3,983.40	334.0
65.00		0.3750	32.605	38.918	5,160.10	20.62	86.95	81.9	305.7	0.0	669.9	19.640	3,835.20	334.0
70.00		0.3750	31.848	38.003	4,804.80	20.08	84.93	81.9	291.5	0.0	654.4	19.640	3,689.80	334.0
75.00		0.3750	31.091	37.089	4,466.30	19.54	82.91	81.9	277.5	0.0	638.8	19.640	3,547.20	334.0
80.00		0.3750	30.333	36.175	4,144.00	18.99	80.89	81.9	263.9	0.0	623.2	19.640	3,407.40	334.0
85.00		0.3750	29.576	35.260	3,837.60	18.45	78.87	81.9	250.7	0.0	607.7	19.640	3,270.40	334.0
85.75	Bot - Section 3	0.3750	29.462	35.123	3,793.00	18.37	78.57	81.9	248.7	0.0	89.8	19.640	3,250.20	50.1
89.29	Top - Section 2	0.2500	29.426	23.487	2,551.90	28.86	117.70	73.2	167.5	0.0	704.9	19.640	3,243.70	236.5
90.00		0.2500	29.319	23.400	2,523.80	28.74	117.27	73.4	166.3	0.0	56.6	19.640	3,224.60	47.4
95.00		0.2500	28.561	22.791	2,331.60	27.93	114.25	74.3	157.7	0.0	392.9	19.640	3,091.40	334.0
100.00		0.2500	27.804	22.181	2,149.50	27.12	111.22	75.1	149.3	0.0	382.6	19.640	2,961.00	334.0
105.00		0.2500	27.047	21.571	1,977.10	26.31	108.19	76	141.2	0.0	372.2	19.640	2,833.40	334.0
107.00	Reinf. Top Reinf Bottom	0.2500	26.744	21.327	1,910.80	25.98	106.98	76.4	138.0	0.0	146.0	19.640	2,783.20	133.6
110.00		0.2500	26.289	20.962	1,814.20	25.50	105.16	76.9	133.3	0.0	215.9	19.640	5,016.50	200.4
115.00		0.2500	25.532	20.352	1,660.40	24.69	102.13	77.8	125.6	0.0	351.5	19.640	4,850.00	334.0
120.00		0.2500	24.775	19.742	1,515.60	23.87	99.10	78.7	118.2	0.0	341.1	19.640	4,686.30	334.0
125.00		0.2500	24.018	19.133	1,379.50	23.06	96.07	79.6	111.0	0.0	330.7	19.640	4,525.40	334.0
125.50	Top - Section 3	0.2500	23.942	19.072	1,366.40	22.98	95.77	79.7	110.3	0.0	32.5	19.640	4,509.40	33.4
125.50	Bot - Section 4	0.2188	23.942	16.714	1,200.60	26.64	109.42	75.7	96.9	0.0		19.640	4,509.40	
130.00		0.2188	23.260	16.233	1,100.10	25.81	106.31	76.6	91.4	0.0	252.3	19.640	4,367.30	300.6
135.00		0.2188	22.503	15.700	995.10	24.88	102.85	77.6	85.4	0.0	271.7	19.640	4,212.00	334.0
135.44	Reinf. Top	0.2188	22.436	15.653	986.20	24.80	102.54	77.7	84.9	0.0	23.5	19.640	4,198.40	29.4
140.00		0.2188	21.746	15.166	897.10	23.95	99.39	78.6	79.7	0.0	239.1			
145.00		0.2188	20.988	14.633	805.70	23.02	95.92	79.6	74.2	0.0	253.5			
150.00		0.2188	20.231	14.099	720.70	22.10	92.46	80.6	68.8	0.0	244.4			
155.00		0.2188	19.474	13.566	642.00	21.17	89.00	81.6	63.7	0.0	235.3			
160.00		0.2188	18.716	13.032	569.20	20.24	85.54	81.9	58.7	0.0	226.3			
165.00		0.2188	17.959	12.499	502.10	19.31	82.08	81.9	54.0	0.0	217.2			
167.00		0.2188	17.656	12.285	476.80	18.94	80.70	81.9	52.2	0.0	84.3			
170.00		0.2188	17.202	11.965	440.50	18.39	78.62	81.9	49.5	0.0	123.8			
175.00		0.2188	16.445	11.432	384.10	17.46	75.16	81.9	45.1	0.0	199.0			
180.00		0.2188	15.687	10.898	332.80	16.53	71.70	81.9	41.0	0.0	190.0			
180.58		0.2188	15.599	10.836	327.20	16.42	71.30	81.9	40.5	0.0	21.4			
									Totals:		20,209.2			9,047.4

Load Case: 1.2D + 1.0W Normal 118.91 mph wind with no ice 29 Iterations
Gust Response Factor: 1.10
Dead load Factor: 1.20
Wind Load Factor: 1.00

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-53.70	-30.40	0.00	-3,634.8	0.00	3,634.79	4,173.88	1,020.16	3,971.44	3,501.82	0	0	0.722
5.00	-51.77	-29.95	0.00	-3,482.8	0.00	3,482.80	4,123.26	1,001.43	3,827.05	3,395.19	0.15	-0.27	0.708
10.00	-49.88	-29.49	0.00	-3,333.1	0.00	3,333.06	4,071.66	982.71	3,685.34	3,289.35	0.58	-0.55	0.694
15.00	-48.01	-29.02	0.00	-3,185.6	0.00	3,185.63	4,019.09	963.99	3,546.30	3,184.35	1.31	-0.83	0.679
20.00	-46.17	-28.62	0.00	-3,040.6	0.00	3,040.55	3,965.55	945.26	3,409.93	3,080.23	2.32	-1.11	0.664
25.00	-44.36	-28.18	0.00	-2,897.5	0.00	2,897.47	3,891.47	926.54	3,276.24	2,962.13	3.63	-1.38	0.652
30.00	-42.57	-27.74	0.00	-2,756.6	0.00	2,756.56	3,812.83	907.82	3,145.22	2,842.95	5.23	-1.66	0.640
35.00	-40.81	-27.27	0.00	-2,617.9	0.00	2,617.88	3,734.19	889.09	3,016.87	2,726.22	7.12	-1.94	0.628
40.00	-39.08	-26.78	0.00	-2,481.5	0.00	2,481.54	3,655.56	870.37	2,891.20	2,611.93	9.3	-2.22	0.615
44.75	-37.50	-26.44	0.00	-2,354.4	0.00	2,354.36	3,580.86	852.59	2,774.29	2,505.63	11.65	-2.49	0.602
45.00	-37.33	-26.26	0.00	-2,347.7	0.00	2,347.74	3,576.92	851.65	2,768.20	2,500.09	11.78	-2.5	0.594
49.35	-35.16	-25.87	0.00	-2,233.5	0.00	2,233.51	3,022.48	733.24	2,393.65	2,125.89	14.17	-2.74	0.636
50.00	-34.92	-25.64	0.00	-2,216.7	0.00	2,216.70	3,016.75	731.15	2,380.05	2,115.77	14.55	-2.78	0.634
55.00	-33.38	-25.07	0.00	-2,088.5	0.00	2,088.49	2,972.18	715.11	2,276.76	2,038.26	17.61	-3.07	0.612
60.00	-31.87	-24.48	0.00	-1,963.2	0.00	1,963.15	2,926.64	699.06	2,175.75	1,961.49	20.98	-3.35	0.590
65.00	-30.39	-23.87	0.00	-1,840.8	0.00	1,840.76	2,868.63	683.01	2,077.04	1,877.98	24.64	-3.64	0.571
70.00	-28.94	-23.24	0.00	-1,721.4	0.00	1,721.42	2,801.23	666.96	1,980.61	1,790.27	28.6	-3.92	0.552
75.00	-27.51	-22.60	0.00	-1,605.2	0.00	1,605.20	2,733.83	650.91	1,886.48	1,704.66	32.86	-4.2	0.533
80.00	-26.11	-21.95	0.00	-1,492.2	0.00	1,492.18	2,666.42	634.86	1,794.64	1,621.14	37.4	-4.47	0.513
85.00	-24.76	-21.47	0.00	-1,382.4	0.00	1,382.42	2,599.02	618.81	1,705.10	1,539.72	42.22	-4.75	0.492
85.75	-24.54	-21.25	0.00	-1,366.3	0.00	1,366.32	2,588.91	616.41	1,691.87	1,527.70	42.97	-4.79	0.489
89.29	-23.26	-20.86	0.00	-1,291.1	0.00	1,291.09	1,548.14	412.19	1,134.47	920.26	46.59	-4.98	0.628
90.00	-23.07	-20.59	0.00	-1,276.3	0.00	1,276.29	1,545.08	410.67	1,126.13	915.03	47.33	-5.01	0.623
95.00	-21.96	-19.93	0.00	-1,173.4	0.00	1,173.36	1,522.99	399.97	1,068.23	878.25	52.74	-5.32	0.585
100.00	-20.87	-19.27	0.00	-1,073.7	0.00	1,073.71	1,499.92	389.28	1,011.87	841.61	58.46	-5.61	0.546
105.00	-19.81	-18.72	0.00	-977.4	0.00	977.38	1,475.88	378.58	957.03	805.15	64.48	-5.9	0.508
107.00	-19.39	-18.36	0.00	-940.0	0.00	939.95	1,466.00	374.30	935.52	790.64	66.97	-6.01	0.332
107.00	-19.39	-18.36	0.00	-940.0	0.00	939.95	1,466.00	374.30	935.52	790.64	66.97	-6.01	0.493
110.00	-18.74	-17.90	0.00	-884.9	0.00	884.86	1,450.87	367.88	903.71	768.93	70.8	-6.18	0.315
115.00	-17.70	-17.23	0.00	-795.4	0.00	795.38	1,424.89	357.18	851.93	732.99	77.35	-6.35	0.285
120.00	-16.68	-16.56	0.00	-709.2	0.00	709.24	1,397.94	346.48	801.67	697.38	84.08	-6.52	0.257
125.00	-15.67	-16.09	0.00	-626.4	0.00	626.44	1,370.02	335.78	752.95	662.13	90.97	-6.67	0.229
125.50	-15.57	-15.85	0.00	-618.4	0.00	618.40	1,367.17	334.71	748.16	658.63	91.67	-6.68	0.226
125.50	-15.57	-15.85	0.00	-618.4	0.00	618.40	1,138.09	293.33	656.46	549.72	91.67	-6.68	0.246
130.00	-14.73	-15.23	0.00	-547.1	0.00	547.07	1,118.70	284.90	619.29	524.68	98.02	-6.81	0.219
135.00	-13.79	-14.77	0.00	-470.9	0.00	470.90	1,096.22	275.53	579.26	497.08	105.21	-6.94	0.190
135.44	-13.72	-14.54	0.00	-464.4	0.00	464.40	1,094.20	274.71	575.80	494.67	105.85	-6.96	0.187
135.44	-13.72	-14.54	0.00	-464.4	0.00	464.40	1,094.20	274.71	575.80	494.67	105.85	-6.96	0.954
140.00	-13.19	-14.07	0.00	-398.1	0.00	398.10	1,072.77	266.17	540.57	469.76	112.53	-7.06	0.863
145.00	-12.72	-13.78	0.00	-327.7	0.00	327.74	1,048.35	256.81	503.22	442.75	120.22	-7.64	0.755
150.00	-8.84	-10.86	0.00	-258.8	0.00	258.85	1,022.96	247.44	467.20	416.11	128.48	-8.16	0.633
155.00	-8.46	-10.51	0.00	-204.6	0.00	204.57	996.60	238.08	432.53	389.88	137.24	-8.61	0.535
160.00	-8.11	-10.14	0.00	-152.0	0.00	152.05	960.61	228.72	399.18	360.85	146.44	-9.01	0.432
165.00	-7.78	-9.86	0.00	-101.3	0.00	101.34	921.28	219.35	367.18	331.75	156.02	-9.33	0.316
167.00	-3.67	-5.66	0.00	-81.6	0.00	81.61	905.55	215.61	354.75	320.45	159.93	-9.43	0.259
170.00	-3.52	-5.40	0.00	-64.6	0.00	64.64	881.95	209.99	336.51	303.86	165.87	-9.56	0.217
175.00	-3.27	-5.07	0.00	-37.6	0.00	37.64	842.62	200.62	307.18	277.20	175.93	-9.73	0.140
180.00	-0.97	-2.65	0.00	-12.3	0.00	12.28	803.29	191.26	279.19	251.77	186.12	-9.82	0.050
180.58	0.00	-2.45	0.00	-10.7	0.00	10.74	798.73	190.17	276.03	248.90	187.31	-9.82	0.043

Load Case: 0.9D + 1.0W Normal 118.91 mph wind with no ice 29 Iterations
Gust Response Factor: 1.10
Dead load Factor: 0.90
Wind Load Factor: 1.00

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-40.25	-30.36	0.00	-3,554.4	0.00	3,554.44	4,173.88	1,020.16	3,971.44	3,501.82	0	0	0.704
5.00	-38.78	-29.85	0.00	-3,402.6	0.00	3,402.62	4,123.26	1,001.43	3,827.05	3,395.19	0.14	-0.27	0.689
10.00	-37.33	-29.33	0.00	-3,253.4	0.00	3,253.38	4,071.66	982.71	3,685.34	3,289.35	0.57	-0.54	0.675
15.00	-35.90	-28.80	0.00	-3,106.8	0.00	3,106.76	4,019.09	963.99	3,546.30	3,184.35	1.28	-0.81	0.660
20.00	-34.49	-28.34	0.00	-2,962.8	0.00	2,962.77	3,965.55	945.26	3,409.93	3,080.23	2.27	-1.08	0.645
25.00	-33.11	-27.86	0.00	-2,821.1	0.00	2,821.06	3,891.47	926.54	3,276.24	2,962.13	3.54	-1.35	0.633
30.00	-31.74	-27.37	0.00	-2,681.8	0.00	2,681.76	3,812.83	907.82	3,145.22	2,842.95	5.1	-1.62	0.621
35.00	-30.40	-26.86	0.00	-2,544.9	0.00	2,544.91	3,734.19	889.09	3,016.87	2,726.22	6.95	-1.89	0.609
40.00	-29.08	-26.33	0.00	-2,410.6	0.00	2,410.61	3,655.56	870.37	2,891.20	2,611.93	9.08	-2.17	0.596
44.75	-27.89	-25.98	0.00	-2,285.5	0.00	2,285.54	3,580.86	852.59	2,774.29	2,505.63	11.36	-2.42	0.583
45.00	-27.75	-25.79	0.00	-2,279.0	0.00	2,279.03	3,576.92	851.65	2,768.20	2,500.09	11.49	-2.44	0.574
49.35	-26.11	-25.40	0.00	-2,166.9	0.00	2,166.86	3,022.48	733.24	2,393.65	2,125.89	13.82	-2.67	0.616
50.00	-25.92	-25.15	0.00	-2,150.4	0.00	2,150.35	3,016.75	731.15	2,380.05	2,115.77	14.19	-2.71	0.613
55.00	-24.75	-24.55	0.00	-2,024.6	0.00	2,024.63	2,972.18	715.11	2,276.76	2,038.26	17.17	-2.99	0.592
60.00	-23.60	-23.93	0.00	-1,901.9	0.00	1,901.91	2,926.64	699.06	2,175.75	1,961.49	20.45	-3.26	0.570
65.00	-22.48	-23.30	0.00	-1,782.3	0.00	1,782.26	2,868.63	683.01	2,077.04	1,877.98	24.01	-3.54	0.551
70.00	-21.37	-22.66	0.00	-1,665.8	0.00	1,665.75	2,801.23	666.96	1,980.61	1,790.27	27.86	-3.81	0.532
75.00	-20.29	-22.01	0.00	-1,552.4	0.00	1,552.44	2,733.83	650.91	1,886.48	1,704.66	32	-4.08	0.514
80.00	-19.23	-21.35	0.00	-1,442.4	0.00	1,442.39	2,666.42	634.86	1,794.64	1,621.14	36.41	-4.35	0.494
85.00	-18.22	-20.87	0.00	-1,335.6	0.00	1,335.64	2,599.02	618.81	1,705.10	1,539.72	41.1	-4.61	0.474
85.75	-18.05	-20.64	0.00	-1,320.0	0.00	1,319.99	2,588.91	616.41	1,691.87	1,527.70	41.83	-4.65	0.471
89.29	-17.09	-20.27	0.00	-1,246.9	0.00	1,246.90	1,548.14	412.19	1,134.47	920.26	45.34	-4.83	0.605
90.00	-16.94	-19.98	0.00	-1,232.5	0.00	1,232.52	1,545.08	410.67	1,126.13	915.03	46.06	-4.87	0.600
95.00	-16.10	-19.32	0.00	-1,132.6	0.00	1,132.60	1,522.99	399.97	1,068.23	878.25	51.31	-5.16	0.562
100.00	-15.28	-18.65	0.00	-1,036.0	0.00	1,036.00	1,499.92	389.28	1,011.87	841.61	56.86	-5.45	0.525
105.00	-14.49	-18.11	0.00	-942.8	0.00	942.75	1,475.88	378.58	957.03	805.15	62.71	-5.72	0.489
107.00	-14.17	-17.75	0.00	-906.5	0.00	906.53	1,466.00	374.30	935.52	790.64	65.12	-5.83	0.319
107.00	-14.17	-17.75	0.00	-906.5	0.00	906.53	1,466.00	374.30	935.52	790.64	65.12	-5.83	0.474
110.00	-13.69	-17.29	0.00	-853.3	0.00	853.27	1,450.87	367.88	903.71	768.93	68.83	-5.99	0.302
115.00	-12.91	-16.64	0.00	-766.8	0.00	766.82	1,424.89	357.18	851.93	732.99	75.19	-6.16	0.274
120.00	-12.15	-15.99	0.00	-683.6	0.00	683.64	1,397.94	346.48	801.67	697.38	81.72	-6.32	0.246
125.00	-11.39	-15.54	0.00	-603.7	0.00	603.70	1,370.02	335.78	752.95	662.13	88.4	-6.47	0.219
125.50	-11.33	-15.30	0.00	-595.9	0.00	595.93	1,367.17	334.71	748.16	658.63	89.08	-6.48	0.217
125.50	-11.33	-15.30	0.00	-595.9	0.00	595.93	1,138.09	293.33	656.46	549.72	89.08	-6.48	0.235
130.00	-10.70	-14.70	0.00	-527.1	0.00	527.08	1,118.70	284.90	619.29	524.68	95.23	-6.6	0.209
135.00	-10.01	-14.27	0.00	-453.6	0.00	453.57	1,096.22	275.53	579.26	497.08	102.2	-6.73	0.181
135.44	-9.96	-14.03	0.00	-447.3	0.00	447.29	1,094.20	274.71	575.80	494.67	102.82	-6.74	0.179
135.44	-9.96	-14.03	0.00	-447.3	0.00	447.29	1,094.20	274.71	575.80	494.67	102.82	-6.74	0.916
140.00	-9.56	-13.56	0.00	-383.3	0.00	383.30	1,072.77	266.17	540.57	469.76	109.3	-6.85	0.827
145.00	-9.19	-13.24	0.00	-315.5	0.00	315.52	1,048.35	256.81	503.22	442.75	116.75	-7.4	0.724
150.00	-6.33	-10.45	0.00	-249.3	0.00	249.32	1,022.96	247.44	467.20	416.11	124.75	-7.9	0.607
155.00	-6.05	-10.09	0.00	-197.1	0.00	197.07	996.60	238.08	432.53	389.88	133.24	-8.34	0.513
160.00	-5.78	-9.73	0.00	-146.6	0.00	146.61	960.61	228.72	399.18	360.85	142.15	-8.72	0.414
165.00	-5.54	-9.46	0.00	-98.0	0.00	97.97	921.28	219.35	367.18	331.75	151.41	-9.02	0.303
167.00	-2.58	-5.45	0.00	-79.0	0.00	79.05	905.55	215.61	354.75	320.45	155.2	-9.13	0.250
170.00	-2.47	-5.20	0.00	-62.7	0.00	62.69	881.95	209.99	336.51	303.86	160.95	-9.25	0.210
175.00	-2.29	-4.89	0.00	-36.7	0.00	36.68	842.62	200.62	307.18	277.20	170.69	-9.41	0.136
180.00	-0.64	-2.59	0.00	-12.2	0.00	12.25	803.29	191.26	279.19	251.77	180.56	-9.5	0.050
180.58	0.00	-2.45	0.00	-10.7	0.00	10.74	798.73	190.17	276.03	248.90	181.71	-9.51	0.043

Load Case: 1.2D + 1.0Di + 1.0Wi Normal		48.73 mph wind with 0.850" radial ice			28 Iterations
Gust Response Factor:	1.10	Ice Dead Load Factor	1.00		
Dead load Factor:	1.20			Ice Importance Factor	1.00
Wind Load Factor:	1.00				

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-67.23	-5.34	0.00	-719.2	0.00	719.15	4,173.88	1,020.16	3,971.44	3,501.82	0	0	0.153
5.00	-65.20	-5.30	0.00	-692.5	0.00	692.47	4,123.26	1,001.43	3,827.05	3,395.19	0.03	-0.05	0.150
10.00	-63.18	-5.27	0.00	-666.0	0.00	665.95	4,071.66	982.71	3,685.34	3,289.35	0.12	-0.11	0.148
15.00	-61.16	-5.23	0.00	-639.6	0.00	639.62	4,019.09	963.99	3,546.30	3,184.35	0.26	-0.16	0.146
20.00	-59.16	-5.19	0.00	-613.5	0.00	613.48	3,965.55	945.26	3,409.93	3,080.23	0.46	-0.22	0.143
25.00	-57.18	-5.15	0.00	-587.5	0.00	587.54	3,891.47	926.54	3,276.24	2,962.13	0.72	-0.28	0.141
30.00	-55.22	-5.10	0.00	-561.8	0.00	561.80	3,812.83	907.82	3,145.22	2,842.95	1.04	-0.33	0.139
35.00	-53.28	-5.05	0.00	-536.3	0.00	536.29	3,734.19	889.09	3,016.87	2,726.22	1.42	-0.39	0.137
40.00	-51.37	-5.00	0.00	-511.0	0.00	511.03	3,655.56	870.37	2,891.20	2,611.93	1.87	-0.45	0.135
44.75	-49.57	-4.96	0.00	-487.3	0.00	487.29	3,580.86	852.59	2,774.29	2,505.63	2.34	-0.5	0.133
45.00	-49.43	-4.94	0.00	-486.0	0.00	486.04	3,576.92	851.65	2,768.20	2,500.09	2.37	-0.51	0.131
49.35	-47.05	-4.89	0.00	-464.6	0.00	464.56	3,022.48	733.24	2,393.65	2,125.89	2.85	-0.56	0.141
50.00	-46.82	-4.86	0.00	-461.4	0.00	461.38	3,016.75	731.15	2,380.05	2,115.77	2.93	-0.56	0.141
55.00	-45.08	-4.79	0.00	-437.1	0.00	437.08	2,972.18	715.11	2,276.76	2,038.26	3.55	-0.62	0.137
60.00	-43.37	-4.72	0.00	-413.1	0.00	413.12	2,926.64	699.06	2,175.75	1,961.49	4.24	-0.68	0.132
65.00	-41.68	-4.64	0.00	-389.5	0.00	389.53	2,868.63	683.01	2,077.04	1,877.98	4.98	-0.74	0.129
70.00	-40.00	-4.56	0.00	-366.3	0.00	366.33	2,801.23	666.96	1,980.61	1,790.27	5.8	-0.8	0.125
75.00	-38.35	-4.47	0.00	-343.5	0.00	343.53	2,733.83	650.91	1,886.48	1,704.66	6.67	-0.86	0.122
80.00	-36.72	-4.38	0.00	-321.2	0.00	321.17	2,666.42	634.86	1,794.64	1,621.14	7.61	-0.92	0.118
85.00	-35.12	-4.32	0.00	-299.2	0.00	299.25	2,599.02	618.81	1,705.10	1,539.72	8.6	-0.98	0.114
85.75	-34.88	-4.29	0.00	-296.0	0.00	296.01	2,588.91	616.41	1,691.87	1,527.70	8.76	-0.99	0.113
89.29	-33.41	-4.23	0.00	-280.8	0.00	280.83	1,548.14	412.19	1,134.47	920.26	9.51	-1.03	0.146
90.00	-33.22	-4.19	0.00	-277.8	0.00	277.83	1,545.08	410.67	1,126.13	915.03	9.66	-1.04	0.145
95.00	-31.87	-4.10	0.00	-256.9	0.00	256.87	1,522.99	399.97	1,068.23	878.25	10.79	-1.11	0.137
100.00	-30.54	-4.01	0.00	-236.4	0.00	236.37	1,499.92	389.28	1,011.87	841.61	11.98	-1.17	0.129
105.00	-29.23	-3.93	0.00	-216.3	0.00	216.33	1,475.88	378.58	957.03	805.15	13.24	-1.23	0.121
107.00	-28.70	-3.89	0.00	-208.5	0.00	208.47	1,466.00	374.30	935.52	790.64	13.76	-1.26	0.082
107.00	-28.70	-3.89	0.00	-208.5	0.00	208.47	1,466.00	374.30	935.52	790.64	13.76	-1.26	0.118
110.00	-27.89	-3.81	0.00	-196.8	0.00	196.81	1,450.87	367.88	903.71	768.93	14.56	-1.3	0.078
115.00	-26.56	-3.71	0.00	-177.7	0.00	177.74	1,424.89	357.18	851.93	732.99	15.94	-1.33	0.071
120.00	-25.23	-3.60	0.00	-159.2	0.00	159.20	1,397.94	346.48	801.67	697.38	17.36	-1.37	0.065
125.00	-23.93	-3.53	0.00	-141.2	0.00	141.18	1,370.02	335.78	752.95	662.13	18.81	-1.41	0.059
125.50	-23.80	-3.49	0.00	-139.4	0.00	139.42	1,367.17	334.71	748.16	658.63	18.96	-1.41	0.058
125.50	-23.80	-3.49	0.00	-139.4	0.00	139.42	1,138.09	293.33	656.46	549.72	18.96	-1.41	0.063
130.00	-22.68	-3.39	0.00	-123.7	0.00	123.72	1,118.70	284.90	619.29	524.68	20.3	-1.44	0.057
135.00	-21.46	-3.32	0.00	-106.8	0.00	106.77	1,096.22	275.53	579.26	497.08	21.82	-1.47	0.050
135.44	-21.35	-3.27	0.00	-105.3	0.00	105.32	1,094.20	274.71	575.80	494.67	21.96	-1.47	0.049
135.44	-21.35	-3.27	0.00	-105.3	0.00	105.32	1,094.20	274.71	575.80	494.67	21.96	-1.47	0.233
140.00	-20.61	-3.20	0.00	-90.4	0.00	90.38	1,072.77	266.17	540.57	469.76	23.38	-1.49	0.212
145.00	-20.03	-3.15	0.00	-74.4	0.00	74.37	1,048.35	256.81	503.22	442.75	25.01	-1.63	0.187
150.00	-14.52	-2.46	0.00	-58.6	0.00	58.62	1,022.96	247.44	467.20	416.11	26.78	-1.74	0.155
155.00	-13.99	-2.39	0.00	-46.3	0.00	46.30	996.60	238.08	432.53	389.88	28.66	-1.85	0.133
160.00	-13.48	-2.32	0.00	-34.3	0.00	34.33	960.61	228.72	399.18	360.85	30.64	-1.94	0.109
165.00	-12.98	-2.26	0.00	-22.7	0.00	22.73	921.28	219.35	367.18	331.75	32.71	-2.01	0.083
167.00	-6.48	-1.29	0.00	-18.2	0.00	18.21	905.55	215.61	354.75	320.45	33.55	-2.03	0.064
170.00	-6.23	-1.22	0.00	-14.4	0.00	14.35	881.95	209.99	336.51	303.86	34.84	-2.06	0.054
175.00	-5.83	-1.14	0.00	-8.2	0.00	8.23	842.62	200.62	307.18	277.20	37.02	-2.1	0.037
180.00	-2.44	-0.59	0.00	-2.5	0.00	2.51	803.29	191.26	279.19	251.77	39.22	-2.12	0.013
180.58	0.00	-0.49	0.00	-2.2	0.00	2.17	798.73	190.17	276.03	248.90	39.48	-2.12	0.009

Load Case: 1.0D + 1.0W Service Normal 60 mph Wind with No Ice 28 Iterations
Gust Response Factor: 1.10
Dead load Factor: 1.00
Wind Load Factor: 1.00

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-44.80	-6.92	0.00	-818.3	0.00	818.27	4,173.88	1,020.16	3,971.44	3,501.82	0	0	0.168
5.00	-43.31	-6.81	0.00	-783.7	0.00	783.67	4,123.26	1,001.43	3,827.05	3,395.19	0.03	-0.06	0.165
10.00	-41.84	-6.69	0.00	-749.6	0.00	749.64	4,071.66	982.71	3,685.34	3,289.35	0.13	-0.12	0.161
15.00	-40.39	-6.58	0.00	-716.2	0.00	716.17	4,019.09	963.99	3,546.30	3,184.35	0.29	-0.19	0.158
20.00	-38.96	-6.48	0.00	-683.3	0.00	683.28	3,965.55	945.26	3,409.93	3,080.23	0.52	-0.25	0.154
25.00	-37.54	-6.37	0.00	-650.9	0.00	650.89	3,891.47	926.54	3,276.24	2,962.13	0.82	-0.31	0.152
30.00	-36.14	-6.27	0.00	-619.0	0.00	619.02	3,812.83	907.82	3,145.22	2,842.95	1.18	-0.37	0.149
35.00	-34.76	-6.15	0.00	-587.7	0.00	587.69	3,734.19	889.09	3,016.87	2,726.22	1.6	-0.44	0.146
40.00	-33.40	-6.04	0.00	-556.9	0.00	556.92	3,655.56	870.37	2,891.20	2,611.93	2.09	-0.5	0.143
44.75	-32.13	-5.96	0.00	-528.2	0.00	528.25	3,580.86	852.59	2,774.29	2,505.63	2.62	-0.56	0.140
45.00	-32.02	-5.92	0.00	-526.8	0.00	526.76	3,576.92	851.65	2,768.20	2,500.09	2.65	-0.56	0.138
49.35	-30.25	-5.83	0.00	-501.0	0.00	501.02	3,022.48	733.24	2,393.65	2,125.89	3.19	-0.62	0.148
50.00	-30.09	-5.77	0.00	-497.2	0.00	497.23	3,016.75	731.15	2,380.05	2,115.77	3.27	-0.62	0.147
55.00	-28.88	-5.64	0.00	-468.4	0.00	468.37	2,972.18	715.11	2,276.76	2,038.26	3.96	-0.69	0.142
60.00	-27.69	-5.50	0.00	-440.2	0.00	440.17	2,926.64	699.06	2,175.75	1,961.49	4.72	-0.75	0.137
65.00	-26.51	-5.36	0.00	-412.7	0.00	412.66	2,868.63	683.01	2,077.04	1,877.98	5.54	-0.82	0.132
70.00	-25.35	-5.22	0.00	-385.8	0.00	385.85	2,801.23	666.96	1,980.61	1,790.27	6.43	-0.88	0.128
75.00	-24.20	-5.07	0.00	-359.8	0.00	359.76	2,733.83	650.91	1,886.48	1,704.66	7.39	-0.94	0.123
80.00	-23.08	-4.92	0.00	-334.4	0.00	334.40	2,666.42	634.86	1,794.64	1,621.14	8.41	-1	0.119
85.00	-21.96	-4.82	0.00	-309.8	0.00	309.78	2,599.02	618.81	1,705.10	1,539.72	9.49	-1.07	0.114
85.75	-21.80	-4.76	0.00	-306.2	0.00	306.17	2,588.91	616.41	1,691.87	1,527.70	9.66	-1.07	0.113
89.29	-20.74	-4.68	0.00	-289.3	0.00	289.30	1,548.14	412.19	1,134.47	920.26	10.47	-1.12	0.146
90.00	-20.61	-4.62	0.00	-286.0	0.00	285.98	1,545.08	410.67	1,126.13	915.03	10.64	-1.13	0.145
95.00	-19.71	-4.47	0.00	-262.9	0.00	262.90	1,522.99	399.97	1,068.23	878.25	11.85	-1.19	0.136
100.00	-18.82	-4.32	0.00	-240.6	0.00	240.57	1,499.92	389.28	1,011.87	841.61	13.14	-1.26	0.127
105.00	-17.95	-4.19	0.00	-219.0	0.00	219.00	1,475.88	378.58	957.03	805.15	14.49	-1.32	0.118
107.00	-17.60	-4.11	0.00	-210.6	0.00	210.61	1,466.00	374.30	935.52	790.64	15.05	-1.35	0.079
107.00	-17.60	-4.11	0.00	-210.6	0.00	210.61	1,466.00	374.30	935.52	790.64	15.05	-1.35	0.115
110.00	-17.06	-4.01	0.00	-198.3	0.00	198.28	1,450.87	367.88	903.71	768.93	15.91	-1.39	0.075
115.00	-16.18	-3.86	0.00	-178.2	0.00	178.25	1,424.89	357.18	851.93	732.99	17.38	-1.43	0.068
120.00	-15.30	-3.71	0.00	-159.0	0.00	158.97	1,397.94	346.48	801.67	697.38	18.9	-1.46	0.061
125.00	-14.44	-3.60	0.00	-140.4	0.00	140.43	1,370.02	335.78	752.95	662.13	20.45	-1.5	0.055
125.50	-14.35	-3.55	0.00	-138.6	0.00	138.63	1,367.17	334.71	748.16	658.63	20.6	-1.5	0.054
125.50	-14.35	-3.55	0.00	-138.6	0.00	138.63	1,138.09	293.33	656.46	549.72	20.6	-1.5	0.059
130.00	-13.62	-3.41	0.00	-122.7	0.00	122.66	1,118.70	284.90	619.29	524.68	22.03	-1.53	0.053
135.00	-12.81	-3.31	0.00	-105.6	0.00	105.60	1,096.22	275.53	579.26	497.08	23.65	-1.56	0.046
135.44	-12.75	-3.26	0.00	-104.2	0.00	104.15	1,094.20	274.71	575.80	494.67	23.79	-1.56	0.045
135.44	-12.75	-3.26	0.00	-104.2	0.00	104.15	1,094.20	274.71	575.80	494.67	23.79	-1.56	0.222
140.00	-12.32	-3.15	0.00	-89.3	0.00	89.30	1,072.77	266.17	540.57	469.76	25.29	-1.58	0.202
145.00	-11.99	-3.08	0.00	-73.6	0.00	73.55	1,048.35	256.81	503.22	442.75	27.02	-1.71	0.178
150.00	-8.53	-2.43	0.00	-58.1	0.00	58.13	1,022.96	247.44	467.20	416.11	28.88	-1.83	0.148
155.00	-8.23	-2.35	0.00	-46.0	0.00	45.96	996.60	238.08	432.53	389.88	30.86	-1.93	0.126
160.00	-7.94	-2.27	0.00	-34.2	0.00	34.19	960.61	228.72	399.18	360.85	32.93	-2.02	0.103
165.00	-7.66	-2.21	0.00	-22.8	0.00	22.82	921.28	219.35	367.18	331.75	35.08	-2.09	0.077
167.00	-3.75	-1.27	0.00	-18.4	0.00	18.40	905.55	215.61	354.75	320.45	35.97	-2.12	0.062
170.00	-3.60	-1.22	0.00	-14.6	0.00	14.58	881.95	209.99	336.51	303.86	37.31	-2.15	0.052
175.00	-3.36	-1.14	0.00	-8.5	0.00	8.51	842.62	200.62	307.18	277.20	39.57	-2.18	0.035
180.00	-1.15	-0.60	0.00	-2.8	0.00	2.80	803.29	191.26	279.19	251.77	41.87	-2.2	0.013
180.58	0.00	-0.56	0.00	-2.4	0.00	2.45	798.73	190.17	276.03	248.90	42.14	-2.21	0.010

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.204
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.055
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_e):	1.000
Site Coefficient F_a:	1.600
Site Coefficient F_v:	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.218
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.088
Seismic Response Coefficient (C_s):	0.030
Upper Limit C_S:	0.030
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	3.540
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	2.000
Total Unfactored Dead Load:	44.810 k
Seismic Base Shear (E):	1.340 k

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

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
45	180.29	27	863	0.002	2	33
44	177.5	234	7,371	0.014	20	291
43	172.5	243	7,232	0.014	19	302
42	168.5	150	4,264	0.008	11	187
41	166	110	3,024	0.006	8	136
40	162.5	281	7,412	0.015	20	349
39	157.5	290	7,188	0.014	19	360
38	152.5	299	6,950	0.014	18	372
37	147.5	320	6,954	0.014	18	397
36	142.5	329	6,675	0.013	18	409
35	137.72	423	8,015	0.016	21	526
34	135.22	71	1,290	0.002	3	88
33	132.5	807	14,165	0.028	38	1,003
32	127.7499	734	11,978	0.024	32	913
31	125.2499	86	1,349	0.003	4	107
30	122.5	866	12,994	0.026	34	1,077
29	117.5	876	12,098	0.024	32	1,090
28	112.5	887	11,222	0.022	30	1,103
27	108.5	537	6,321	0.012	17	668
26	106	347	3,900	0.008	10	432
25	102.5	875	9,193	0.018	24	1,088
24	97.5	885	8,417	0.017	22	1,101
23	92.5	896	7,664	0.015	20	1,114
22	89.6453	128	1,028	0.002	3	159
21	87.5202	1,061	8,127	0.016	22	1,319
20	85.3749	165	1,204	0.002	3	205
19	82.5	1,110	7,558	0.015	20	1,381
18	77.5	1,126	6,763	0.013	18	1,400
17	72.5	1,142	6,001	0.012	16	1,420
16	67.5	1,157	5,272	0.010	14	1,439
15	62.5	1,173	4,581	0.009	12	1,458
14	57.5	1,188	3,929	0.008	10	1,478
13	52.5	1,204	3,318	0.006	9	1,497
12	49.675	158	389	0.001	1	196

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
11	47.175	1,773	3,946	0.008	10	2,205
10	44.8748	103	207	0.000	1	128
9	42.3748	1,271	2,282	0.004	6	1,580
8	37.5	1,356	1,906	0.004	5	1,686
7	32.5	1,374	1,451	0.003	4	1,708
6	27.5	1,392	1,053	0.002	3	1,731
5	22.5	1,410	714	0.001	2	1,754
4	17.5	1,428	437	0.001	1	1,776
3	12.5	1,446	226	0.000	1	1,799
2	7.5	1,465	82	0.000	0	1,821
1	2.5	1,483	9	0.000	0	1,844
Kaelus DBC0061F1V51-2	180.58	76	2,495	0.005	7	95
Raycap DC6-48-60-18-8F (23.5" Height)	180.58	20	652	0.001	2	25
Powerwave Allgon LGP17201	180.58	186	6,065	0.012	16	231
Ericsson RRUS-11 800 MHz	180.58	162	5,283	0.010	14	201
Ericsson RRUS 32 B2	180.58	159	5,185	0.010	14	198
KMW AM-X-CD-14-65-00T-RET	180.58	36	1,187	0.002	3	45
Powerwave Allgon 7770.00	180.58	105	3,424	0.007	9	131
Quintel QS46512-2	180.58	104	3,391	0.007	9	129
Andrew SBNH-1D6565C	180.58	132	4,311	0.008	11	164
CCI TPA-65R-LCUUUU-H8	180.58	163	5,322	0.010	14	203
Flat Platform w/ Handrails	180	2,000	64,800	0.128	172	2,487
Ericsson Radio 4460 B25+B66	167	327	9,120	0.018	24	407
Ericsson Radio 4480 B71+B85A	167	252	7,028	0.014	19	313
Ericsson Air6449 B41	167	312	8,701	0.017	23	388
Commscope VV-65A-R1	167	71	1,991	0.004	5	89
RFS APXVAALL24 43-U-NA20	167	368	10,274	0.020	27	458
Generic Round Platform with Handrails	167	2,500	69,722	0.138	185	3,109
Generic Round Platform with Handrails	150	2,500	56,250	0.111	149	3,109
Raycap RDIDC-9181-PF-48	150	22	493	0.001	1	27
Fujitsu TA08025-B604	150	192	4,313	0.008	11	238
Fujitsu TA08025-B605	150	225	5,062	0.010	13	280
Commscope FFVV-65B-R2	150	212	4,779	0.009	13	264
		44,808	506,873	1.000	1,344	55,720

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

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
45	180.29	27	863	0.002	2	23
44	177.5	234	7,371	0.014	20	200
43	172.5	243	7,232	0.014	19	208
42	168.5	150	4,264	0.008	11	129
41	166	110	3,024	0.006	8	94
40	162.5	281	7,412	0.015	20	240
39	157.5	290	7,188	0.014	19	248
38	152.5	299	6,950	0.014	18	256
37	147.5	320	6,954	0.014	18	274
36	142.5	329	6,675	0.013	18	282
35	137.72	423	8,015	0.016	21	362
34	135.22	71	1,290	0.002	3	60
33	132.5	807	14,165	0.028	38	691
32	127.7499	734	11,978	0.024	32	629
31	125.2499	86	1,349	0.003	4	74
30	122.5	866	12,994	0.026	34	742
29	117.5	876	12,098	0.024	32	751
28	112.5	887	11,222	0.022	30	759
27	108.5	537	6,321	0.012	17	460
26	106	347	3,900	0.008	10	297
25	102.5	875	9,193	0.018	24	749
24	97.5	885	8,417	0.017	22	758
23	92.5	896	7,664	0.015	20	767
22	89.6453	128	1,028	0.002	3	110

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
21	87.5202	1,061	8,127	0.016	22	909
20	85.3749	165	1,204	0.002	3	141
19	82.5	1,110	7,558	0.015	20	951
18	77.5	1,126	6,763	0.013	18	964
17	72.5	1,142	6,001	0.012	16	978
16	67.5	1,157	5,272	0.010	14	991
15	62.5	1,173	4,581	0.009	12	1,004
14	57.5	1,188	3,929	0.008	10	1,018
13	52.5	1,204	3,318	0.006	9	1,031
12	49.675	158	389	0.001	1	135
11	47.175	1,773	3,946	0.008	10	1,519
10	44.8748	103	207	0.000	1	88
9	42.3748	1,271	2,282	0.004	6	1,089
8	37.5	1,356	1,906	0.004	5	1,161
7	32.5	1,374	1,451	0.003	4	1,177
6	27.5	1,392	1,053	0.002	3	1,192
5	22.5	1,410	714	0.001	2	1,208
4	17.5	1,428	437	0.001	1	1,223
3	12.5	1,446	226	0.000	1	1,239
2	7.5	1,465	82	0.000	0	1,254
1	2.5	1,483	9	0.000	0	1,270
Kaelus DBC0061F1V51-2	180.58	76	2,495	0.005	7	66
Raycap DC6-48-60-18-8F (23.5" Height)	180.58	20	652	0.001	2	17
Powerwave Allgon LGP17201	180.58	186	6,065	0.012	16	159
Ericsson RRUS-11 800 MHz	180.58	162	5,283	0.010	14	139
Ericsson RRUS 32 B2	180.58	159	5,185	0.010	14	136
KMW AM-X-CD-14-65-00T-RET	180.58	36	1,187	0.002	3	31
Powerwave Allgon 7770.00	180.58	105	3,424	0.007	9	90
Quintel QS46512-2	180.58	104	3,391	0.007	9	89
Andrew SBNH-1D6565C	180.58	132	4,311	0.008	11	113
CCI TPA-65R-LCUUUU-H8	180.58	163	5,322	0.010	14	140
Flat Platform w/ Handrails	180	2,000	64,800	0.128	172	1,713
Ericsson Radio 4460 B25+B66	167	327	9,120	0.018	24	280
Ericsson Radio 4480 B71+B85A	167	252	7,028	0.014	19	216
Ericsson Air6449 B41	167	312	8,701	0.017	23	267
Commscope VV-65A-R1	167	71	1,991	0.004	5	61
RFS APXVAALL24 43-U-NA20	167	368	10,274	0.020	27	316
Generic Round Platform with Handrails	167	2,500	69,722	0.138	185	2,141
Generic Round Platform with Handrails	150	2,500	56,250	0.111	149	2,141
Raycap RDIDC-9181-PF-48	150	22	493	0.001	1	19
Fujitsu TA08025-B604	150	192	4,313	0.008	11	164
Fujitsu TA08025-B605	150	225	5,062	0.010	13	193
Commscope FFVV-65B-R2	150	212	4,779	0.009	13	182
		44,808	506,873	1.000	1,344	38,378

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

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-53.88	-1.35	0.00	-210.33	0.00	210.33	4,173.88	1,020.16	3,971	3,501.82	0.00	0.00	0.05
5.00	-52.05	-1.36	0.00	-203.57	0.00	203.57	4,123.26	1,001.43	3,827	3,395.19	0.01	-0.02	0.05
10.00	-50.26	-1.38	0.00	-196.75	0.00	196.75	4,071.66	982.71	3,685	3,289.35	0.03	-0.03	0.05
15.00	-48.48	-1.39	0.00	-189.86	0.00	189.86	4,019.09	963.99	3,546	3,184.35	0.08	-0.05	0.05
20.00	-46.73	-1.40	0.00	-182.92	0.00	182.92	3,965.55	945.26	3,410	3,080.23	0.14	-0.07	0.05
25.00	-44.99	-1.41	0.00	-175.92	0.00	175.92	3,891.47	926.54	3,276	2,962.13	0.21	-0.08	0.05
30.00	-43.29	-1.41	0.00	-168.88	0.00	168.88	3,812.83	907.82	3,145	2,842.95	0.31	-0.10	0.05
35.00	-41.60	-1.42	0.00	-161.82	0.00	161.82	3,734.19	889.09	3,017	2,726.22	0.42	-0.12	0.05
40.00	-40.02	-1.42	0.00	-154.72	0.00	154.72	3,655.56	870.37	2,891	2,611.93	0.55	-0.13	0.05
44.75	-39.89	-1.43	0.00	-147.98	0.00	147.98	3,580.86	852.59	2,774	2,505.63	0.69	-0.15	0.05
45.00	-37.68	-1.41	0.00	-147.62	0.00	147.62	3,576.92	851.65	2,768	2,500.09	0.70	-0.15	0.04
49.35	-37.49	-1.42	0.00	-141.47	0.00	141.47	3,022.48	733.24	2,394	2,125.89	0.85	-0.17	0.05
50.00	-35.99	-1.41	0.00	-140.54	0.00	140.54	3,016.75	731.15	2,380	2,115.77	0.87	-0.17	0.05
55.00	-34.51	-1.41	0.00	-133.48	0.00	133.48	2,972.18	715.11	2,277	2,038.26	1.06	-0.19	0.05

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
60.00	-33.05	-1.40	0.00	-126.44	0.00	126.44	2,926.64	699.06	2,176	1,961.49	1.26	-0.21	0.05
65.00	-31.62	-1.39	0.00	-119.43	0.00	119.43	2,868.63	683.01	2,077	1,877.98	1.49	-0.22	0.04
70.00	-30.20	-1.38	0.00	-112.47	0.00	112.47	2,801.23	666.96	1,981	1,790.27	1.73	-0.24	0.04
75.00	-28.79	-1.37	0.00	-105.57	0.00	105.57	2,733.83	650.91	1,886	1,704.66	1.99	-0.26	0.04
80.00	-27.41	-1.35	0.00	-98.74	0.00	98.74	2,666.42	634.86	1,795	1,621.14	2.28	-0.28	0.04
85.00	-27.21	-1.35	0.00	-92.00	0.00	92.00	2,599.02	618.81	1,705	1,539.72	2.58	-0.30	0.04
85.75	-25.89	-1.32	0.00	-90.99	0.00	90.99	2,588.91	616.41	1,692	1,527.70	2.63	-0.30	0.04
89.29	-25.73	-1.32	0.00	-86.30	0.00	86.30	1,548.14	412.19	1,134	920.26	2.85	-0.31	0.05
90.00	-24.62	-1.30	0.00	-85.36	0.00	85.36	1,545.08	410.67	1,126	915.03	2.90	-0.31	0.05
95.00	-23.51	-1.28	0.00	-78.85	0.00	78.85	1,522.99	399.97	1,068	878.25	3.24	-0.33	0.05
100.00	-22.43	-1.26	0.00	-72.44	0.00	72.44	1,499.92	389.28	1,012	841.61	3.60	-0.35	0.04
105.00	-21.99	-1.25	0.00	-66.15	0.00	66.15	1,475.88	378.58	957	805.15	3.98	-0.37	0.04
107.00	-21.33	-1.23	0.00	-63.65	0.00	63.65	1,466.00	374.30	936	790.64	4.14	-0.38	0.04
107.00	-21.33	-1.23	0.00	-63.65	0.00	63.65	1,466.00	374.30	936	790.64	4.14	-0.38	0.03
110.00	-20.22	-1.20	0.00	-59.95	0.00	59.95	1,450.87	367.88	904	768.93	4.38	-0.39	0.03
115.00	-19.13	-1.16	0.00	-53.95	0.00	53.95	1,424.89	357.18	852	732.99	4.80	-0.40	0.03
120.00	-18.06	-1.13	0.00	-48.13	0.00	48.13	1,397.94	346.48	802	697.38	5.23	-0.42	0.02
125.00	-17.95	-1.12	0.00	-42.51	0.00	42.51	1,370.02	335.78	753	662.13	5.67	-0.43	0.02
125.50	-17.04	-1.09	0.00	-41.95	0.00	41.95	1,367.17	334.71	748	658.63	5.72	-0.43	0.02
125.50	-17.04	-1.09	0.00	-41.95	0.00	41.95	1,138.09	293.33	656	549.72	5.72	-0.43	0.02
130.00	-16.03	-1.04	0.00	-37.06	0.00	37.06	1,118.70	284.90	619	524.68	6.12	-0.44	0.02
135.00	-15.95	-1.04	0.00	-31.85	0.00	31.85	1,096.22	275.53	579	497.08	6.59	-0.44	0.02
135.44	-15.42	-1.02	0.00	-31.39	0.00	31.39	1,094.20	274.71	576	494.67	6.63	-0.45	0.02
135.44	-15.42	-1.02	0.00	-31.39	0.00	31.39	1,094.20	274.71	576	494.67	6.63	-0.45	0.08
140.00	-15.01	-1.00	0.00	-26.75	0.00	26.75	1,072.77	266.17	541	469.76	7.06	-0.45	0.07
145.00	-14.61	-0.99	0.00	-21.75	0.00	21.75	1,048.35	256.81	503	442.75	7.55	-0.49	0.06
150.00	-10.33	-0.75	0.00	-16.80	0.00	16.80	1,022.96	247.44	467	416.11	8.09	-0.53	0.05
155.00	-9.97	-0.73	0.00	-13.05	0.00	13.05	996.60	238.08	433	389.88	8.65	-0.55	0.04
160.00	-9.62	-0.71	0.00	-9.39	0.00	9.39	960.61	228.72	399	360.85	9.25	-0.58	0.04
165.00	-9.48	-0.71	0.00	-5.82	0.00	5.82	921.28	219.35	367	331.75	9.86	-0.60	0.03
167.00	-4.53	-0.36	0.00	-4.41	0.00	4.41	905.55	215.61	355	320.45	10.12	-0.60	0.02
170.00	-4.23	-0.34	0.00	-3.33	0.00	3.33	881.95	209.99	337	303.86	10.50	-0.61	0.02
175.00	-3.94	-0.32	0.00	-1.64	0.00	1.64	842.62	200.62	307	277.20	11.14	-0.62	0.01
180.00	-1.42	-0.11	0.00	-0.07	0.00	0.07	803.29	191.26	279	251.77	11.80	-0.62	0.00
180.58	0.00	-0.10	0.00	0.00	0.00	0.00	798.73	190.17	276	248.90	11.87	-0.62	0.00

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

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-37.11	-1.35	0.00	-204.13	0.00	204.13	4,173.88	1,020.16	3,971	3,501.82	0.00	0.00	0.05
5.00	-35.85	-1.36	0.00	-197.38	0.00	197.38	4,123.26	1,001.43	3,827	3,395.19	0.01	-0.02	0.05
10.00	-34.61	-1.37	0.00	-190.60	0.00	190.60	4,071.66	982.71	3,685	3,289.35	0.03	-0.03	0.05
15.00	-33.39	-1.37	0.00	-183.77	0.00	183.77	4,019.09	963.99	3,546	3,184.35	0.07	-0.05	0.05
20.00	-32.18	-1.38	0.00	-176.90	0.00	176.90	3,965.55	945.26	3,410	3,080.23	0.13	-0.06	0.04
25.00	-30.99	-1.38	0.00	-170.00	0.00	170.00	3,891.47	926.54	3,276	2,962.13	0.21	-0.08	0.04
30.00	-29.81	-1.39	0.00	-163.08	0.00	163.08	3,812.83	907.82	3,145	2,842.95	0.30	-0.10	0.04
35.00	-28.65	-1.39	0.00	-156.15	0.00	156.15	3,734.19	889.09	3,017	2,726.22	0.41	-0.11	0.04
40.00	-27.56	-1.39	0.00	-149.21	0.00	149.21	3,655.56	870.37	2,891	2,611.93	0.53	-0.13	0.04
44.75	-27.47	-1.39	0.00	-142.62	0.00	142.62	3,580.86	852.59	2,774	2,505.63	0.67	-0.15	0.04
45.00	-25.95	-1.38	0.00	-142.27	0.00	142.27	3,576.92	851.65	2,768	2,500.09	0.68	-0.15	0.04
49.35	-25.82	-1.38	0.00	-136.27	0.00	136.27	3,022.48	733.24	2,394	2,125.89	0.82	-0.16	0.04
50.00	-24.79	-1.38	0.00	-135.37	0.00	135.37	3,016.75	731.15	2,380	2,115.77	0.84	-0.16	0.04
55.00	-23.77	-1.37	0.00	-128.49	0.00	128.49	2,972.18	715.11	2,277	2,038.26	1.02	-0.18	0.04
60.00	-22.77	-1.36	0.00	-121.65	0.00	121.65	2,926.64	699.06	2,176	1,961.49	1.22	-0.20	0.04
65.00	-21.77	-1.35	0.00	-114.84	0.00	114.84	2,868.63	683.01	2,077	1,877.98	1.44	-0.22	0.04
70.00	-20.80	-1.34	0.00	-108.10	0.00	108.10	2,801.23	666.96	1,981	1,790.27	1.67	-0.23	0.04
75.00	-19.83	-1.32	0.00	-101.41	0.00	101.41	2,733.83	650.91	1,886	1,704.66	1.93	-0.25	0.04
80.00	-18.88	-1.30	0.00	-94.81	0.00	94.81	2,666.42	634.86	1,795	1,621.14	2.20	-0.27	0.04
85.00	-18.74	-1.30	0.00	-88.30	0.00	88.30	2,599.02	618.81	1,705	1,539.72	2.49	-0.29	0.04
85.75	-17.83	-1.28	0.00	-87.33	0.00	87.33	2,588.91	616.41	1,692	1,527.70	2.54	-0.29	0.04
89.29	-17.72	-1.28	0.00	-82.80	0.00	82.80	1,548.14	412.19	1,134	920.26	2.75	-0.30	0.05
90.00	-16.95	-1.26	0.00	-81.90	0.00	81.90	1,545.08	410.67	1,126	915.03	2.80	-0.30	0.05
95.00	-16.19	-1.23	0.00	-75.62	0.00	75.62	1,522.99	399.97	1,068	878.25	3.13	-0.32	0.04
100.00	-15.44	-1.21	0.00	-69.45	0.00	69.45	1,499.92	389.28	1,012	841.61	3.48	-0.34	0.04
105.00	-15.15	-1.20	0.00	-63.40	0.00	63.40	1,475.88	378.58	957	805.15	3.84	-0.36	0.04
107.00	-14.69	-1.18	0.00	-61.00	0.00	61.00	1,466.00	374.30	936	790.64	4.00	-0.37	0.04

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
107.00	-14.69	-1.18	0.00	-61.00	0.00	61.00	1,466.00	374.30	936	790.64	4.00	-0.37	0.03
110.00	-13.93	-1.15	0.00	-57.44	0.00	57.44	1,450.87	367.88	904	768.93	4.23	-0.38	0.03
115.00	-13.18	-1.12	0.00	-51.68	0.00	51.68	1,424.89	357.18	852	732.99	4.63	-0.39	0.02
120.00	-12.43	-1.08	0.00	-46.09	0.00	46.09	1,397.94	346.48	802	697.38	5.05	-0.40	0.02
125.00	-12.36	-1.08	0.00	-40.69	0.00	40.69	1,370.02	335.78	753	662.13	5.47	-0.41	0.02
125.50	-11.73	-1.04	0.00	-40.15	0.00	40.15	1,367.17	334.71	748	658.63	5.51	-0.41	0.02
125.50	-11.73	-1.04	0.00	-40.15	0.00	40.15	1,138.09	293.33	656	549.72	5.51	-0.41	0.02
130.00	-11.04	-1.00	0.00	-35.46	0.00	35.46	1,118.70	284.90	619	524.68	5.91	-0.42	0.02
135.00	-10.98	-1.00	0.00	-30.45	0.00	30.45	1,096.22	275.53	579	497.08	6.35	-0.43	0.02
135.44	-10.62	-0.98	0.00	-30.01	0.00	30.01	1,094.20	274.71	576	494.67	6.39	-0.43	0.02
135.44	-10.62	-0.98	0.00	-30.01	0.00	30.01	1,094.20	274.71	576	494.67	6.39	-0.43	0.07
140.00	-10.34	-0.96	0.00	-25.56	0.00	25.56	1,072.77	266.17	541	469.76	6.80	-0.44	0.06
145.00	-10.06	-0.95	0.00	-20.76	0.00	20.76	1,048.35	256.81	503	442.75	7.28	-0.47	0.06
150.00	-7.11	-0.72	0.00	-16.04	0.00	16.04	1,022.96	247.44	467	416.11	7.79	-0.50	0.05
155.00	-6.86	-0.70	0.00	-12.45	0.00	12.45	996.60	238.08	433	389.88	8.34	-0.53	0.04
160.00	-6.62	-0.68	0.00	-8.95	0.00	8.95	960.61	228.72	399	360.85	8.91	-0.56	0.03
165.00	-6.53	-0.67	0.00	-5.56	0.00	5.56	921.28	219.35	367	331.75	9.50	-0.57	0.02
167.00	-3.12	-0.34	0.00	-4.21	0.00	4.21	905.55	215.61	355	320.45	9.74	-0.58	0.02
170.00	-2.91	-0.32	0.00	-3.18	0.00	3.18	881.95	209.99	337	303.86	10.11	-0.59	0.01
175.00	-2.71	-0.30	0.00	-1.57	0.00	1.57	842.62	200.62	307	277.20	10.73	-0.59	0.01
180.00	-0.98	-0.11	0.00	-0.06	0.00	0.06	803.29	191.26	279	251.77	11.36	-0.60	0.00
180.58	0.00	-0.10	0.00	0.00	0.00	0.00	798.73	190.17	276	248.90	11.43	-0.60	0.00

ANALYSIS SUMMARY

	Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W Normal	30.40	0.00	53.70	0.00	0.00	3634.79	135.44	0.95
0.9D + 1.0W Normal	30.36	0.00	40.25	0.00	0.00	3554.44	135.44	0.92
1.2D + 1.0Di + 1.0Wi Normal	5.34	0.00	67.23	0.00	0.00	719.15	135.44	0.23
1.2D + 1.0Ev + 1.0Eh Normal	1.43	0.00	53.88	0.00	0.00	210.33	135.44	0.08
0.9D - 1.0Ev + 1.0Eh Normal	1.39	0.00	37.11	0.00	0.00	204.13	135.44	0.07
1.0D + 1.0W Service Normal	6.92	0.00	44.80	0.00	0.00	818.27	135.44	0.22

ADDITIONAL STEEL SUMMARY

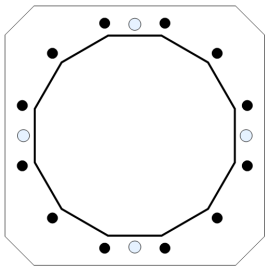
			Intermediate Connectors				Max member		
Elev From (ft)	Elev To (ft)	Member	VQ/I	Shear Applied (kips)	Shear (phiVn) (kips)	Ratio	Pu (kip)	PhiPn (kip)	Ratio
0.00	107.00	SOL #20 All Thread Bar	324.1	9.7	16.8	0.5784	285.6	330.5	0.8642
107.00	135.44	SOL #20 All Thread Bar	292.6	8.8	16.8	0.5222	182.1	330.5	0.5509

			Upper Termination Connectors					Lower Termination Connectors				
Elev From (ft)	Elev To (ft)	Member	MQ/I	phiVn (kips)	Num Reqd	Num Actual	Ratio	MQ/I (kips)	phiVn (kip)	Num Reqd	Num Actual	Ratio
0.00	107.00	SOL #20 All Thread Bar	198.3535	12	17	20	0.8265	0	12	0	0	0.0000
107.00	135.44	SOL #20 All Thread Bar	109.0249	12	10	12	0.7571	179.7449	12	15	20	0.7489

BASE PLATE ANALYSIS @ 0 FT

PLATE PARAMETERS (ID# 14013)

Diameter:	53.7	in
Shape:	Square	
Thickness:	2.5	in
Grade:	A36	
Yield Strength:	36	ksi
Tensile Strength:	58	ksi
Rod Detail Type:	d	
Clear Distance	4.5	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Elastic	
Neutral Axis:	346	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	Fy (ksi)	Fu (ksi)	Spacing (in)	Offset (°)
Original [ID# 14314]	Radial	12	2.25	48.2	A615-75	75	100	-	15

DYWIDAG BAR PARAMETERS

Quantity	Bar Size	Bar Diameter (in)	Fy (ksi)	Fu (ksi)	Bracket Type	Bracket Offset (in)	Circle (in)	Offset (°)
4 [ID# 739]	#20	2.5	80	100	Angle	2.19	48.58	-

ANCHOR ROD GEOMETRY AND APPLIED LOADS --- ORIGINAL (12) 2.25"ø [ID 14314]

Position	Radians	X (in)	Y (in)	Moment Arm (in)	Inertia (in^4)	Axial Load (k)	Shear Load (k)
1	0.785	17.04	17.04	19.533	1239.919	186.86	2.09
2	1.309	6.24	23.28	22.784	1686.754	217.46	0.07
3	1.833	-6.24	23.28	19.930	1290.889	190.60	1.97
4	2.356	-17.04	17.04	11.736	448.188	113.48	3.48
5	2.880	-23.28	6.24	0.398	1.353	6.76	4.05
6	3.403	-23.28	-6.24	-11.048	397.218	-100.97	3.55
7	3.927	-17.04	-17.04	-19.533	1239.919	-180.83	2.09
8	4.451	-6.24	-23.28	-22.784	1686.754	-211.44	0.07
9	4.974	6.24	-23.28	-19.930	1290.889	-184.58	1.97
10	5.498	17.04	-17.04	-11.736	448.188	-107.45	3.48
11	6.021	23.28	-6.24	-0.398	1.353	-0.73	4.05
12	0.262	23.28	6.24	11.048	397.218	106.99	3.55

DYWIDAG BAR GEOMETRY AND APPLIED LOADS --- (4) #20 [ID 739]

Position	Radians	X (in)	Y (in)	Moment Arm (in)	Inertia (in^4)	Axial Load (k)
1	1.571	0.00	24.29	23.568	2728.591	288.90
2	3.142	-24.29	0.00	-5.876	171.420	-66.55
3	4.712	0.00	-24.29	-23.568	2728.591	-280.12
4	6.283	24.29	0.00	5.876	171.420	75.33

REACTION DISTRIBUTION

Component	ID	Moment Mu (k-ft)	Axial Load Pu (k)	Shear Vu (k)	Moment Factor
Pole	41.7"ø x 0.4375" (12 Sides)	2446.2	53.70	30.40	0.673
Bolt Group	Original (12) 2.25"ø	2446.2	-	30.40	0.673
Dywidag Group	(4) #20	1188.6	-	-	0.327
	TOTALS	**3634.79**	**53.7**	**30.4**	

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	41.7"ø x 0.4375" (12 Sides)	56.0675	-	-	11936.12	-
Bolt Group	Original (12) 2.25"ø	3.9761	3.2477	0.8393	10128.64	4.5
Dywidag Group	(4) #20	4.9087	4.9087	1.9175	5800.02	-

EXTERNAL BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	41.82	in
Point-to-Point Diameter:	43.30	in
Flat Width:	11.207	in
Flat Radians:	0.524	rad

PLATE PROPERTIES

Neutral Axis:	346	°
Bend Line Lower Limit:	0.943	rad
Bend Line Upper Limit:	1.675	rad

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in^3)	Applied Moment Mu (k-in)	Moment Capacity ϕMn (k-in)	Ratio
Flat	34.118	0.00	53.310	407.0	1727.2	0.236
Corner	32.643	0.00	51.004	246.6	1652.5	0.149
Circumferential	29.673	0.00	46.365	247.3	1502.2	0.165

ELASTIC ANCHOR ROD ANALYSIS

Class	Group Quantity	Rod Diameter (in)	Applied Axial Load Pu (k)	Applied Shear Load Vu (k)	Compressive Capacity ϕPn (k)	Ratio	Interaction
Original	12	2.25	217.5	0.1	243.6	0.893	0.799

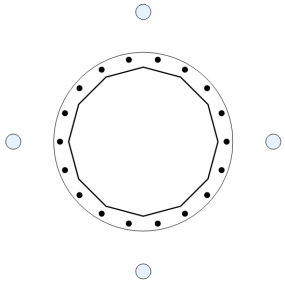
DYWIDAG BAR ANALYSIS

Group Quantity	Bar Size	Bar Circle (in)	Applied Axial Load Pu (k)	Compressive Capacity ϕPn (k)	Ratio
4	#20	48.58	288.9	368.2	0.785

UPPER FLANGE PLATE ANALYSIS @ 125.4998 FT

PLATE PARAMETERS (ID# 14014)

Diameter:	29.6	in
Shape:	Round	
Thickness:	1.25	in
Grade:	A36	
Yield Strength:	36	ksi
Tensile Strength:	58	ksi
Pole Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Elastic	
Neutral Axis:	150	°



FLANGE BOLT PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	Fy (ksi)	Fu (ksi)	Spacing (in)	Offset (°)
Original [ID# 14315]	Radial	18	1	27.561	A325	92	120	-	-

DYWIDAG BAR PARAMETERS

Quantity	Bar Size	Bar Diameter (in)	Fy (ksi)	Fu (ksi)	Bracket Type	Bracket Offset (in)	Circle (in)	Offset (°)
4 [ID# 740]	#20	2.5	80	100	W8x21	8.28	43.00	-

FLANGE BOLT GEOMETRY AND APPLIED LOADS --- ORIGINAL (18) 1"ø [ID 14315]

Position	Radians	X (in)	Y (in)	Moment Arm (in)	Inertia (in^4)	Axial Load (k)	Shear Load (k)
1	0.349	12.95	4.71	-10.078	61.549	-9.41	0.88
2	0.698	10.56	8.86	-12.362	92.601	-11.58	0.47
3	1.047	6.89	11.93	-13.156	104.864	-12.34	0.00
4	1.396	2.39	13.57	-12.362	92.601	-11.58	0.47
5	1.745	-2.39	13.57	-10.078	61.549	-9.41	0.88
6	2.094	-6.89	11.93	-6.578	26.238	-6.08	1.19
7	2.443	-10.56	8.86	-2.284	3.190	-2.00	1.36
8	2.793	-12.95	4.71	2.284	3.190	2.34	1.36
9	3.142	-13.78	0.00	6.578	26.238	6.43	1.19
10	3.491	-12.95	-4.71	10.078	61.549	9.76	0.88
11	3.840	-10.56	-8.86	12.362	92.601	11.93	0.47
12	4.189	-6.89	-11.93	13.156	104.864	12.68	0.00
13	4.538	-2.39	-13.57	12.362	92.601	11.93	0.47
14	4.887	2.39	-13.57	10.078	61.549	9.76	0.88
15	5.236	6.89	-11.93	6.578	26.238	6.43	1.19
16	5.585	10.56	-8.86	2.284	3.190	2.34	1.36
17	5.934	12.95	-4.71	-2.284	3.190	-2.00	1.36
18	6.283	13.78	0.00	-6.578	26.238	-6.08	1.19

DYWIDAG BAR GEOMETRY AND APPLIED LOADS --- (4) #20 [ID 740]

Position	Radians	X (in)	Y (in)	Moment Arm (in)	Inertia (in^4)	Axial Load (k)
1	1.571	0.00	21.50	-18.620	1703.858	-116.29
2	3.142	-21.50	0.00	10.750	569.231	72.05
3	4.712	0.00	-21.50	18.620	1703.858	122.52
4	6.283	21.50	0.00	-10.750	569.231	-65.82

REACTION DISTRIBUTION

Component	ID	Moment Mu (k-ft)	Axial Load Pu (k)	Shear Vu (k)	Moment Factor
Pole	23.9418"ø x 0.2188" (12 Sides)	123.5	15.57	15.85	0.200
Bolt Group	Original (18) 1"ø	123.5	-	15.85	0.200
Dywidag Group	(4) #20	494.9	-	-	0.800
	TOTALS	**618.4**	**15.57**	**15.85**	

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	23.9418"ø x 0.2188" (12 Sides)	16.1211	-	-	1134.34	-
Bolt Group	Original (18) 1"ø	0.7854	0.6057	0.0292	944.04	8.0
Dywidag Group	(4) #20	4.9087	4.9087	1.9175	4546.18	-

EXTERNAL UPPER FLANGE PLATE BEND LINE ANALYSIS @ 125.4998 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	24.07	in
Point-to-Point Diameter:	24.92	in
Flat Width:	6.449	in
Flat Radians:	0.524	rad

PLATE PROPERTIES

Neutral Axis:	150	°
Bend Line Lower Limit:	3.643	rad
Bend Line Upper Limit:	4.735	rad

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in^3)	Applied Moment Mu (k-in)	Moment Capacity ϕMn (k-in)	Ratio
Flat	16.422	0.00	6.415	22.1	207.8	0.106
Corner	15.103	0.00	5.900	8.8	191.2	0.046
Circumferential	20.790	0.00	8.121	25.5	263.1	0.097

ELASTIC FLANGE BOLT ANALYSIS

Class	Group Quantity	Bolt Diameter (in)	Applied Axial Load Pu (k)	Applied Shear Load Vu (k)	Compressive Capacity ϕPn (k)	Ratio	Interaction
Original	18	1	12.7	0.0	54.5	0.233	0.233

DYWIDAG BAR ANALYSIS

Group Quantity	Bar Size	Bar Circle (in)	Applied Axial Load Pu (k)	Compressive Capacity ϕPn (k)	Ratio
4	#20	43.00	122.5	368.2	0.333

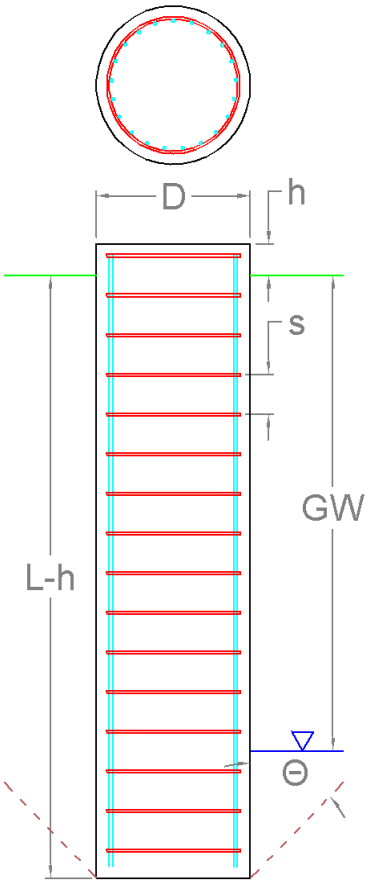
Pier Foundation Analysis (ANSI/TIA-222-H)

Foundation Analysis Parameters			
Pier Diameter	*D*	6.00	ft
Pier Embedment	*L-h*	33.2	ft
Pier Height above Ground	*H*	0.75	ft
Water Table Depth [BGL]	*GW*	12	ft
Pullout Angle	Θ	30	°
Unit Weight of Concrete		150	pcf
Uplift Skin Friction Factor		0.750	

Reactions		
Moment, M_u	3,634.8	k-ft
Shear, V_u	30.4	k
Axial, P_u	53.7	k
Uplift, T_u	0.0	k

Soil Properties

Layer Depth (ft)		Unit Weight	Cohesion	Friction Angle	Ultimate Skin Friction	Ultimate Bearing Pressure
TOP	BTM	pcf	psf	°	psf	psf
0.0	1.5	105	0	0	0	0
1.5	2.9	136	0	40	0	0
2.9	5.5	129	0	36	0	0
5.5	7.5	133	0	40	922	0
7.5	9.5	132	0	39	1,170	0
9.5	12.0	133	0	40	1,422	0
12.0	16.5	138	0	40	1,763	0
16.5	21.5	136	0	40	1,942	0
21.5	26.5	136	0	40	2,086	0
26.5	34.3	142	0	40	2,250	106,775



Soil Strength Capacities		
Volume of Concrete	961.3	ft^3
Weight of Concrete [Buoyancy Considered]	106.7	k
Average Soil Unit Weight	95.0	pcf
Skin Friction Resistance	961.3	k
Compressive Bearing Resistance	3,019.0	k
Pullout Weight [Minus Concrete Weight]	1,790.8	k
Compressive Force, P_u	70.7	k
Nominal Compressive Capacity, $\phi_s P_n$	2,985.2	k
$P_u / \phi_s P_n$	**2.4%**	
Total Lateral Resistance	4,026.0	k
Inflection Point [BGL]	22.5	ft
Moment at Inflection Point, M_D	4,340.7	k-ft
Nominal Moment Capacity, $\phi_s M_n$	19,826.4	k-ft
$M_D / \phi_s M_n$	**21.9%**	

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Antenna Mount Analysis Report

ATC Site Name	:	**Clch - Colchester,CT**
ATC Site Number	:	**302496**
Engineering Number	:	**13674383_C8_12**
Mount Elevation	:	**167 ft**
Carrier	:	**T-Mobile**
Carrier Site Name	:	**CTHA255A**
Carrier Site Number	:	**CTHA255A**
Site Location	:	**Chestnut Hill Road** **Colchester, CT 06415-2906** **41.5689, -72.3037**
County	:	**New London**
Date	:	**September 2, 2022**
Max Usage	:	**44%**
Result	:	**Contingent Pass**

Prepared By: Yamir Correa
Jason Cheronis
Vice President of Structural Engineering

STATE OF CONNECTICUT
JASON CHERONIS
PEN.0032793
LICENSED PROFESSIONAL ENGINEER

Jason Cheronis
Digitally signed by Jason Cheronis
Date: 2022.09.02 14:09:24 -04'00'

Table of Contents

Introduction

The purpose of this report is to summarize results of the antenna mount analysis performed for T-Mobile at 167 ft.

Supporting Documents

Spec Sheet	Site-Pro 1 Part No. RMQP-4096-HK dated: August 14, 2014
Structural Analysis	ATC Engineering #: 14109767_C3_01 dated: August 11, 2022
RFDS	RFDS dated November 11, 2021
Photos	Site photos from 2019
Tower Mapping	Hightower Solutions Inc Project #: HTS011509 dated: January 13, 2008

Analysis

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

Basic Wind Speed:	122 mph, Vult (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 1" Radial Ice (Escalating)
Codes:	TIA-222-H
Structure Class:	II
Exposure Category:	B
Topographic Factor Procedure:	Method 2
Topographic Feature:	Flat
Crest Height:	0 ft
Spectral Response:	Ss = 0.204, S_1 = 0.055
Site Class:	D (assumed)
Live Loads:	Lm = 500 lbs, Lv = 250 lbs

Conclusion

Due to customer antenna spacing/separation requirements, the existing mount cannot support the equipment as described in this report and must be replaced with the mount listed below. Based on the analysis results, the proposed mount meets the requirements, per the applicable codes listed above, and can support the equipment as described in this report. Analysis is based on new SitePro1 Part #: RMQP-4096-HK mount with four evenly spaced mount pipes.

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

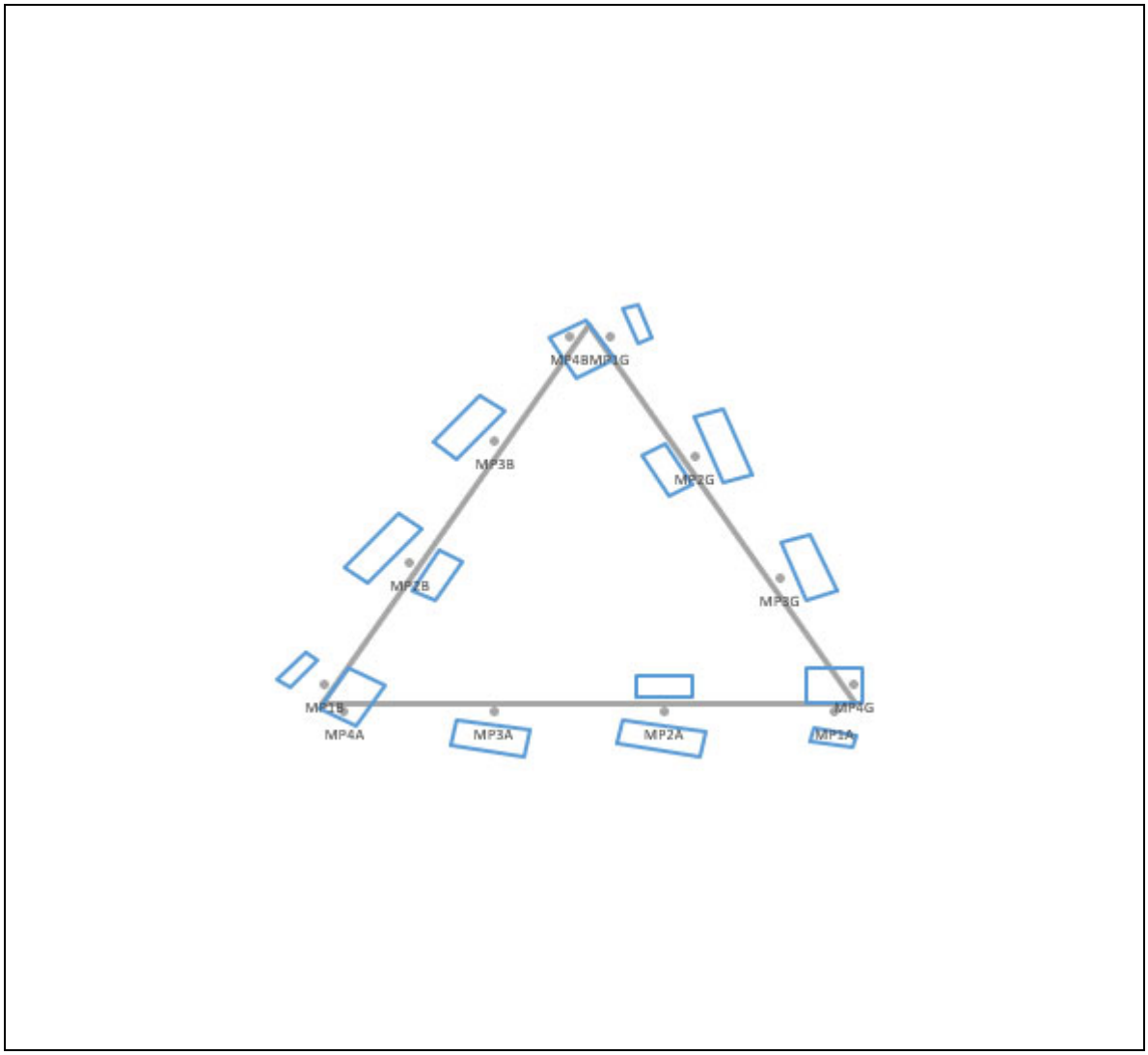
Antenna Loading

Mount Centerline (ft)	Antenna Centerline (ft)	Qty	Antenna Model	
167.0	167.0	3	Ericsson	AIR 6419 B41
		3	RFS	APXVAALL24 43-U-NA20
		3	Commscope	VV-65A-R1
		3	Ericsson	Radio 4460 B25+B66
		3	Ericsson	Radio 4480 B71+B85A

Structure Usages

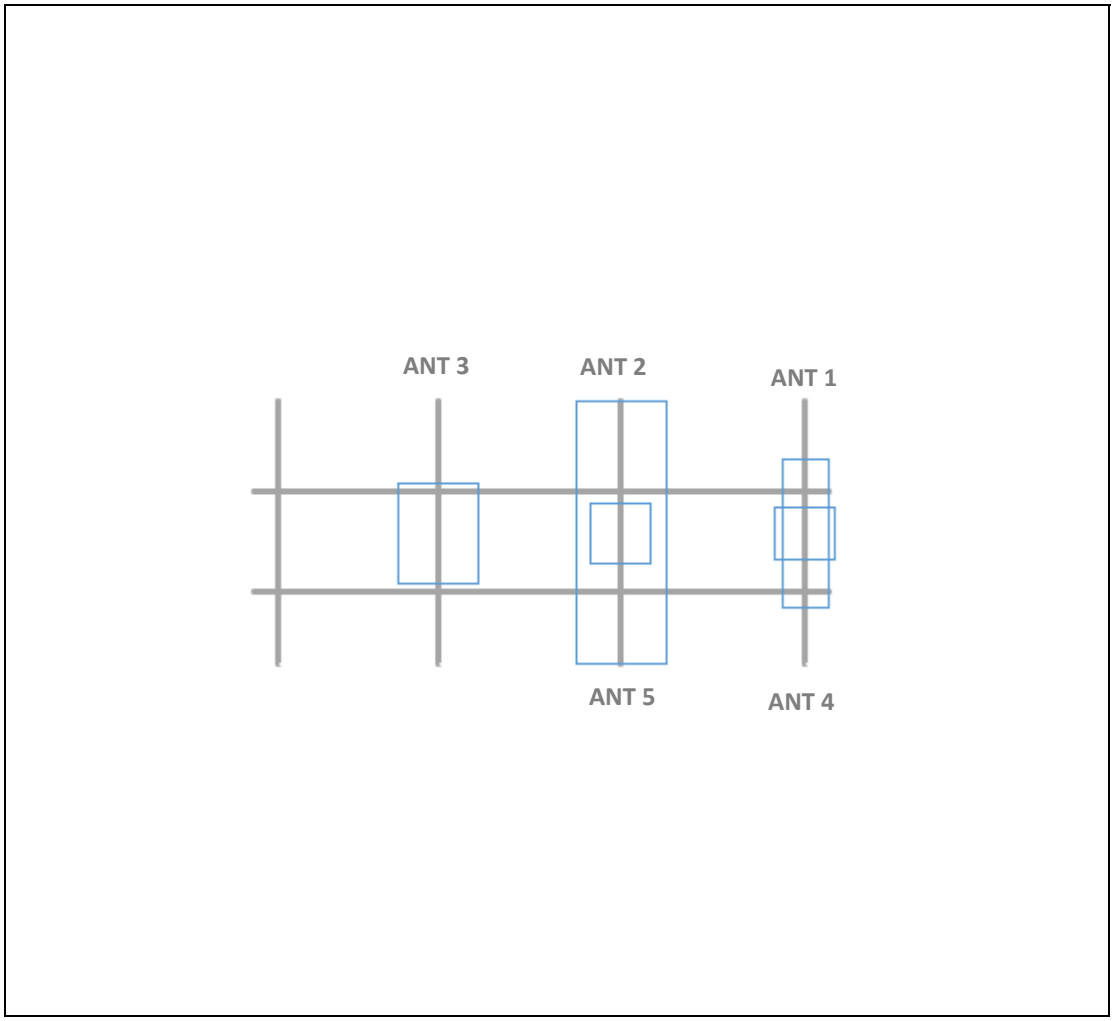
Structural Component	Controlling Usage	Pass/Fail
Corner Plate	44%	Pass
Plate	42%	Pass
Mount Pipe	25%	Pass
Rail	24%	Pass
Rail Corner	23%	Pass
Support	18%	Pass
Corner	18%	Pass
Stand Off	16%	Pass
Kicker	10%	Pass
Face	10%	Pass
Flange Plate	2%	Pass
Bolts	15%	Pass

Mount Layout (From Above)



Ref #	Model	Quantity	Height (in)	Width (in)	Depth (in)	Azimuth	CL (ft)	Sector	Mount Pipe #
ANT.1	AIR 6419 B41	**1**	**54.7**	**12.1**	**4.6**	**10**	**167**	**A**	**3**
ANT.2	APXVAALL24 43-U-NA20	**1**	**95.9**	**24**	**8.5**	**10**	**167**	**A**	**2**
ANT.3	VV-65A-R1	**1**	**36.3**	**20.9**	**9**	**10**	**167**	**A**	**1**
ANT.4	Radio 4460 B25+B66	**1**	**19.6**	**15.7**	**12.1**	**10**	**167**	**A**	**1**
ANT.5	Radio 4480 B71+B85A	**1**	**21.8**	**15.7**	**7.5**	**10**	**167**	**A**	**2**

Equipment Layout (From Front)



Ref #	Model	Quantity	Height (in)	Width (in)	Depth (in)	Azimuth	CL (ft)	Sector	Mount Pipe #
ANT.1	AIR 6419 B41	**1**	**54.7**	**12.1**	**4.6**	**10**	**167**	**A**	**3**
ANT.2	APXVAALL24 43-U-NA20	**1**	**95.9**	**24**	**8.5**	**10**	**167**	**A**	**2**
ANT.3	VV-65A-R1	**1**	**36.3**	**20.9**	**9**	**10**	**167**	**A**	**1**
ANT.4	Radio 4460 B25+B66	**1**	**19.6**	**15.7**	**12.1**	**10**	**167**	**A**	**1**
ANT.5	Radio 4480 B71+B85A	**1**	**21.8**	**15.7**	**7.5**	**10**	**167**	**A**	**2**

Standard Conditions

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

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

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

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

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

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

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

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

POD
POWER OF DESIGN

POD Job #	**22-139020**
Site Number	**302496**
Site Name	**Clch - Colchester,CT**

General Site Information

Mount Type	SFP	Risk Category	II	I (seismic)	1			
V (Wind Speed)	122	I(ice)	1	Sms	0.326			
Zs	546.38			Sm1	0.132			
ti	1	Ss	0.204	Sds	0.218			
Vi	50	S1	0.055	Sd1	0.088			
Kzt	1	Soil Site Class	D	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	181	Cs, Min	0.03	TIA-222-H 2.7.7.1.1		
Ke	0.98			Cs	0.1088	TIA-222-H 2.7.7.1.1		
K_D	0.95							
K_a	0.9							

	width (ft)	height (ft)
Front Outer Dimensions	12.5	3

Appurtenance Information

Model	Shielded	% Shielded	Centerline	Centerline on MP	Spacing (in)	Azimuth	Sector	Quantity	MP #
VV-65A-R1			167	4	30	10	A/B/C	1	1
APXVAA4L24_43-U-NA20			167	4	60	10	A/B/C	1	2
AIR 6419 B41			167	4	15	10	A/B/C	1	3
Radio 4460 B25+B66			167	4			A/B/C	1	1
Radio 4480 B71+B85A			167	4			A/B/C	1	2

Mount Information

Elevation (ft)	167	Grating Thickness (in)	1
K_z	1.14	Grating Ice Weight (k/ft^2)	0.014
Kiz	1.18		
tiz	1.18		

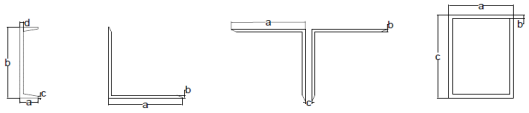
	Length (ft)	Width (in)	Centerline
Mount Pipes	8	2.875	167

Round Members

Member	Length (ft)	Width (in)	Frame Member	# of Members
Face On	12.5	3.5	Yes	2
Face Off	12.5	3.5	No	1
Rail On	12.5	2.375	Yes	2
Rail Off	12.5	2.375	No	1

Flat Members

Member	Length (ft)	Width (in)	Shape	A	B	C	D		Frame Member	# of Members
SO	5.188	4	Square HSS	4	0.25	4			No	3
CR	2.38	4	Square HSS	4	0.25	4			No	6
KICKER	4.864	2.5	D. Angle	2.5	0.1875	0.375			No	3
SUPP	4.041	2	Angle	2	0.1875				No	6
RCOR	1.212	2.5	Angle	2.5	0.25				No	3
RPL	0.25	6	Channel	0	6	0	0.375		No	6
COR	1.049	6	Channel	0	6	0	0.5		No	3
CPL	0.3	6	Channel	0	6	0	0.5		No	6
PL	0.338	6	Channel	0	6	0	0.375		No	12



Version 3.57

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
VV-65A-R1	54.7	12.1	4.6	23.8	1.14	40.61	5.34	2.46	0.217	0.100	0.203	0.203	0.103
APXVAA4L24_43-U-NA20	95.9	24.0	8.5	168.6	1.14	40.61	18.22	7.86	0.740	0.319	0.691	0.691	0.332
AIR 6419 B41	36.3	20.9	9.0	83.3	1.14	40.61	5.69	2.59	0.231	0.105	0.216	0.216	0.109
Radio 4460 B25+B66	19.6	15.7	12.1	109.0	1.14	40.61	2.31	1.78	0.094	0.072	0.088	0.088	0.072
Radio 4480 B71+B85A	21.8	15.7	7.5	84.0	1.14	40.61	2.57	1.24	0.104	0.051	0.091	0.091	0.051

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
VV-65A-R1	1.18	57.05	14.45	6.95	87.10	1.18	6.82	6.52	3.57	0.044	0.024	0.045	0.045	0.026
APXVAA4L24_43-U-NA20	1.18	98.25	26.35	10.85	276.56	1.18	6.82	20.30	9.79	0.138	0.067	0.139	0.139	0.071
AIR 6419 B41	1.18	38.65	23.25	11.35	109.36	1.18	6.82	6.74	3.40	0.046	0.023	0.046	0.046	0.025
Radio 4460 B25+B66	1.18	21.95	18.05	14.45	64.93	1.18	6.82	2.97	2.38	0.020	0.016	0.019	0.019	0.016
Radio 4480 B71+B85A	1.18	24.15	18.05	9.85	56.02	1.18	6.82	3.27	1.78	0.022	0.012	0.020	0.020	0.012

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)
Face On	40.61	7.29	37.10	0.61	1.20	2.39	0.008	5.85	0.01	6.82	12.19	0.71	1.20	4.67	0.003
Face Off	40.61	3.65	37.10	0.61	1.20	2.39	0.004	5.85	0.01	6.82	6.10	0.71	1.20	4.67	0.001
Rail On	40.61	4.95	25.17	0.61	1.20	1.62	0.005	4.73	0.01	6.82	9.85	0.71	1.20	3.77	0.002
Rail Off	40.61	2.47	25.17	0.61	1.20	1.62	0.003	4.73	0.01	6.82	4.92	0.71	1.20	3.77	0.001

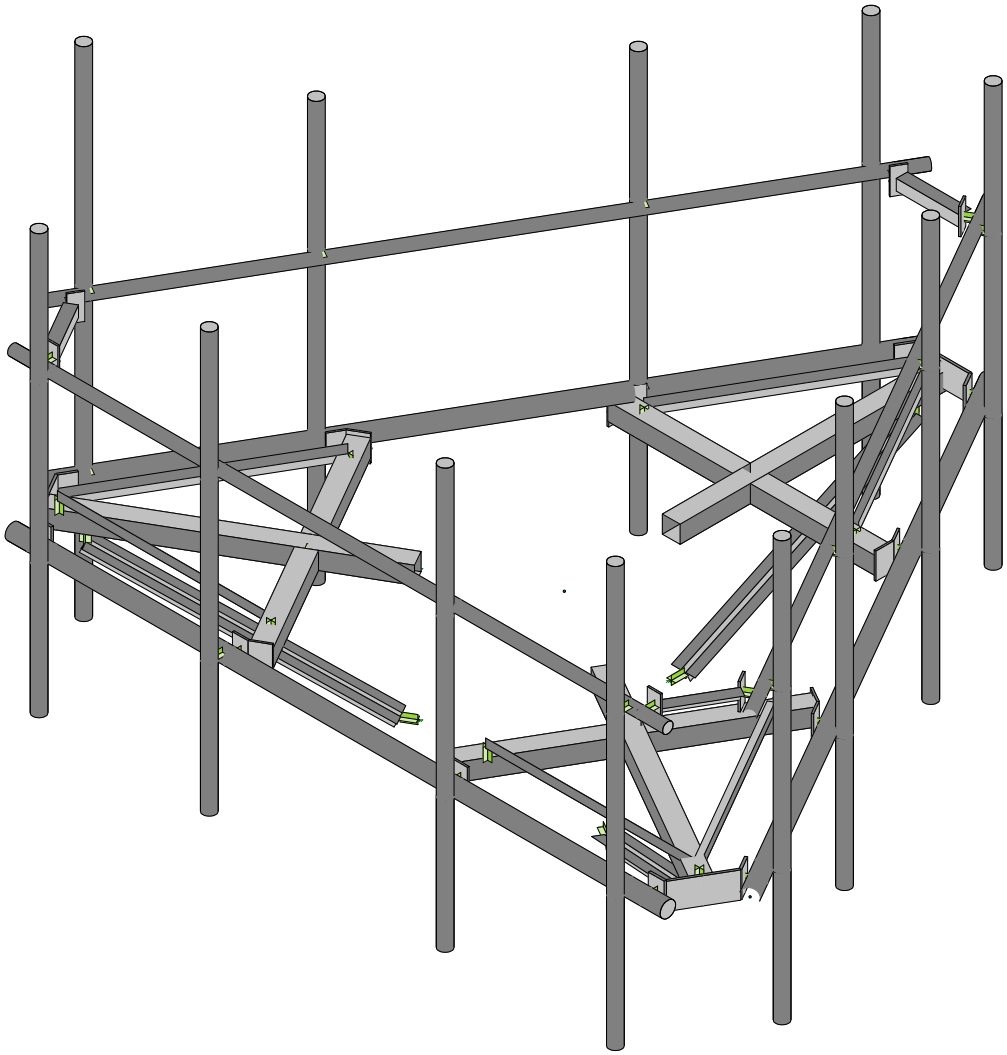
Flat Members

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	40.61	5.19	1.25	1.95	0.008	6.35	0.01	6.82	8.24	0.71	1.25	2.19	0.001
CR	40.61	4.76	1.25	0.89	0.008	6.35	0.01	6.82	7.56	0.71	1.25	1.01	0.001
KICKER	40.61	3.04	2.00	1.82	0.008	4.85	0.01	6.82	5.90	0.71	2.00	2.51	0.002
SUPP	40.61	4.04	2.00	1.21	0.006	4.35	0.01	6.82	8.79	0.71	2.00	1.87	0.002
RCOR	40.61	0.76	2.00	0.45	0.008	4.85	0.01	6.82	1.47	0.71	2.00	0.63	0.002
RPL	40.61	0.75	2.00	0.23	0.018	8.35	0.01	6.82	1.04	0.71	2.00	0.22	0.003
COR	40.61	1.57	2.00	0.94	0.018	8.35	0.01	6.82	2.19	0.71	2.00	0.93	0.003
CPL	40.61	0.90	2.00	0.27	0.018	8.35	0.01	6.82	1.25	0.71	2.00	0.27	0.003
PL	40.61	2.03	2.00	0.30	0.018	8.35	0.01	6.82	2.82	0.71	2.00	0.30	0.003

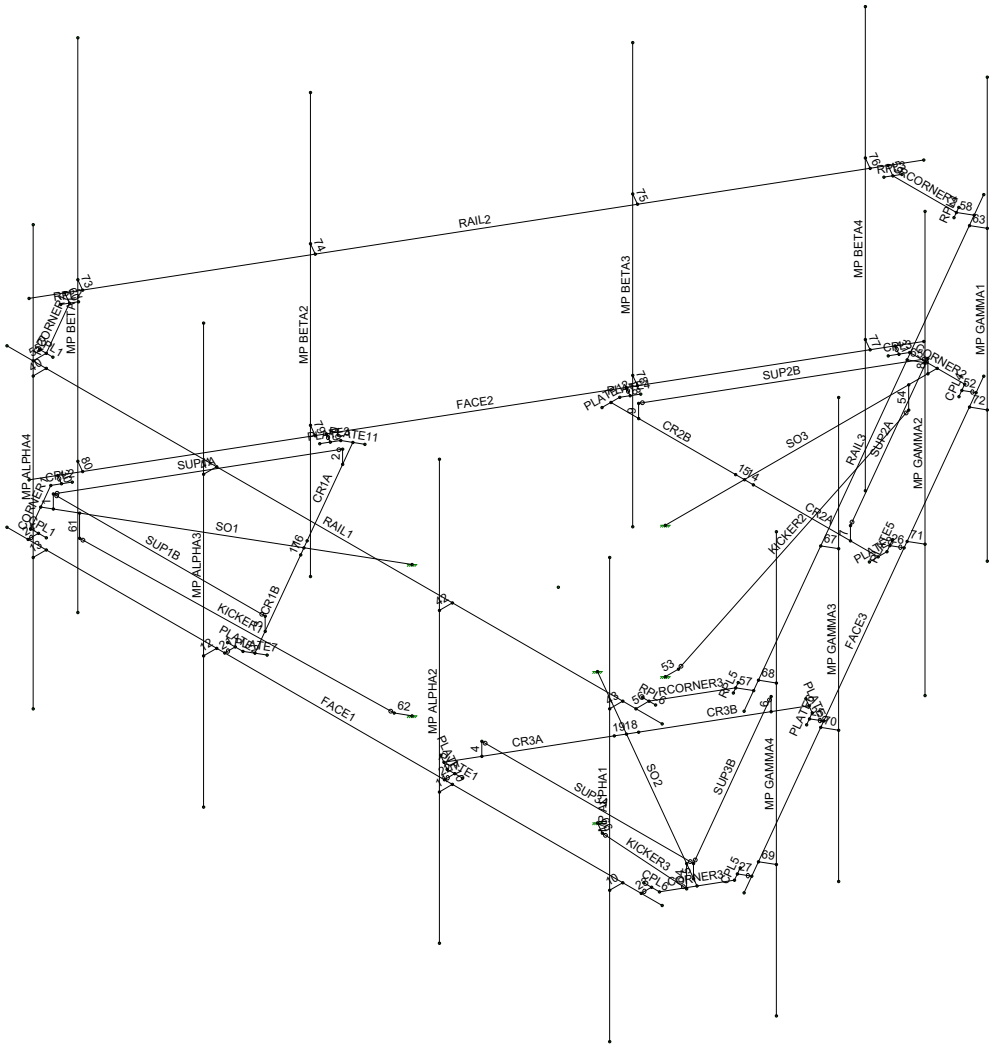
Appurtenance Seismic Calculations

Model	Weight	Sds	ρ	Cs	As	Ev	Eh
VV-65A-R1	23.8	0.218	1.000	0.109	1.000	0.001	0.003
APXVAA4L24_43-U-NA20	168.6	0.218	1.000	0.109	1.000	0.007	0.018
AIR 6419 B41	83.3	0.218	1.000	0.109	1.000	0.004	0.009
Radio 4460 B25+B66	109.0	0.218	1.000	0.109	1.000	0.005	0.012
Radio 4480 B71+B85A	84.0	0.218	1.000	0.109	1.000	0.004	0.009

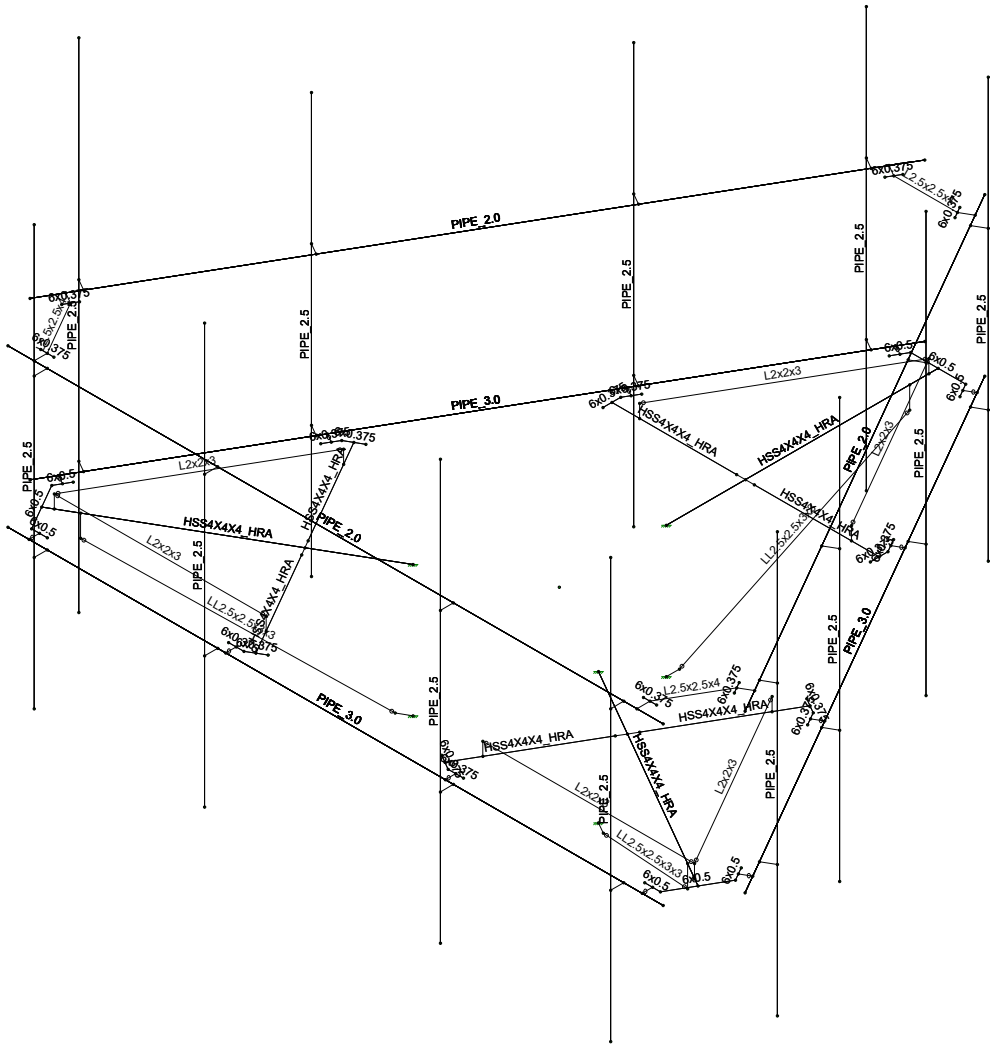
Version 3.57



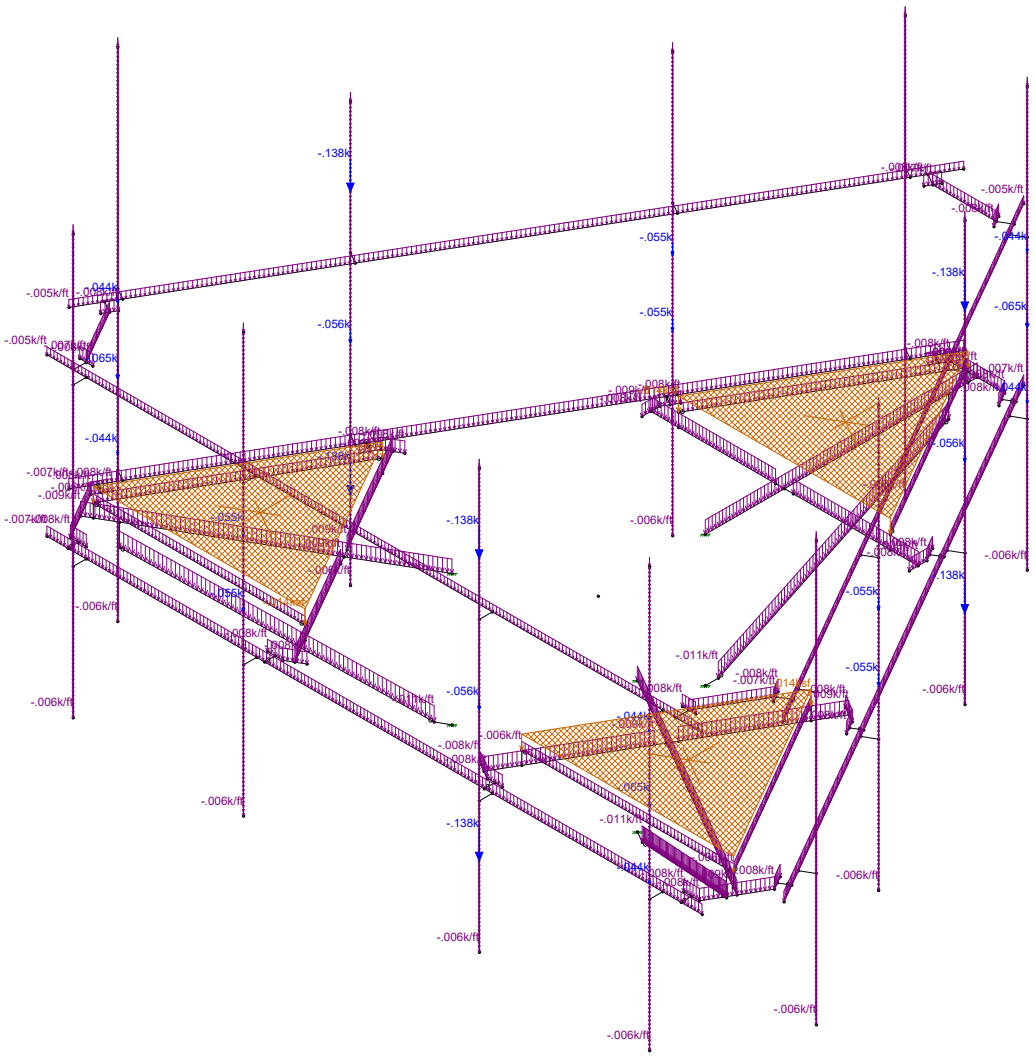
POD Group	302496	SK - 3
YC		Sept 2, 2022 at 1:48 PM
22-139020		302496.r3d



POD Group	302496	SK - 2
YC		Sept 2, 2022 at 1:48 PM
22-139020		302496.r3d

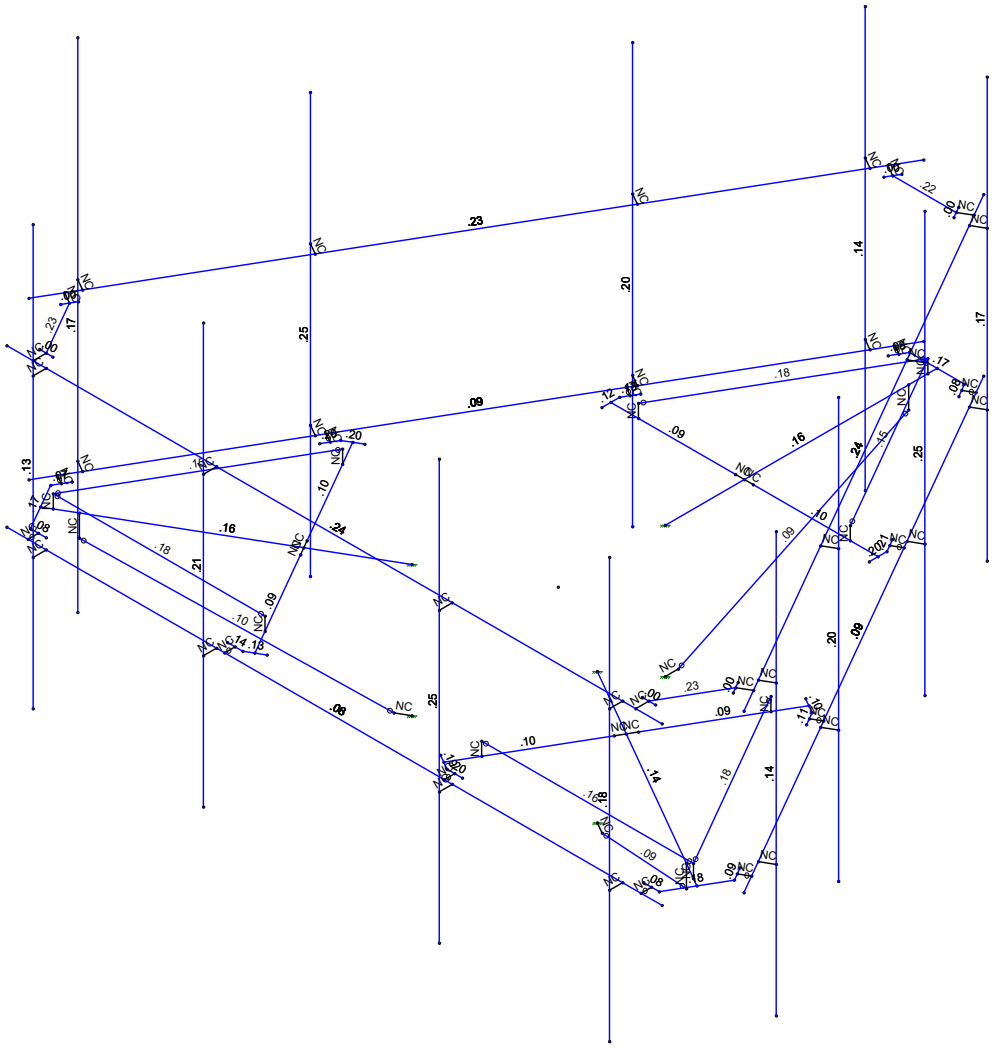


POD Group	302496	SK - 6
YC		Sept 2, 2022 at 1:50 PM
22-139020		302496.r3d



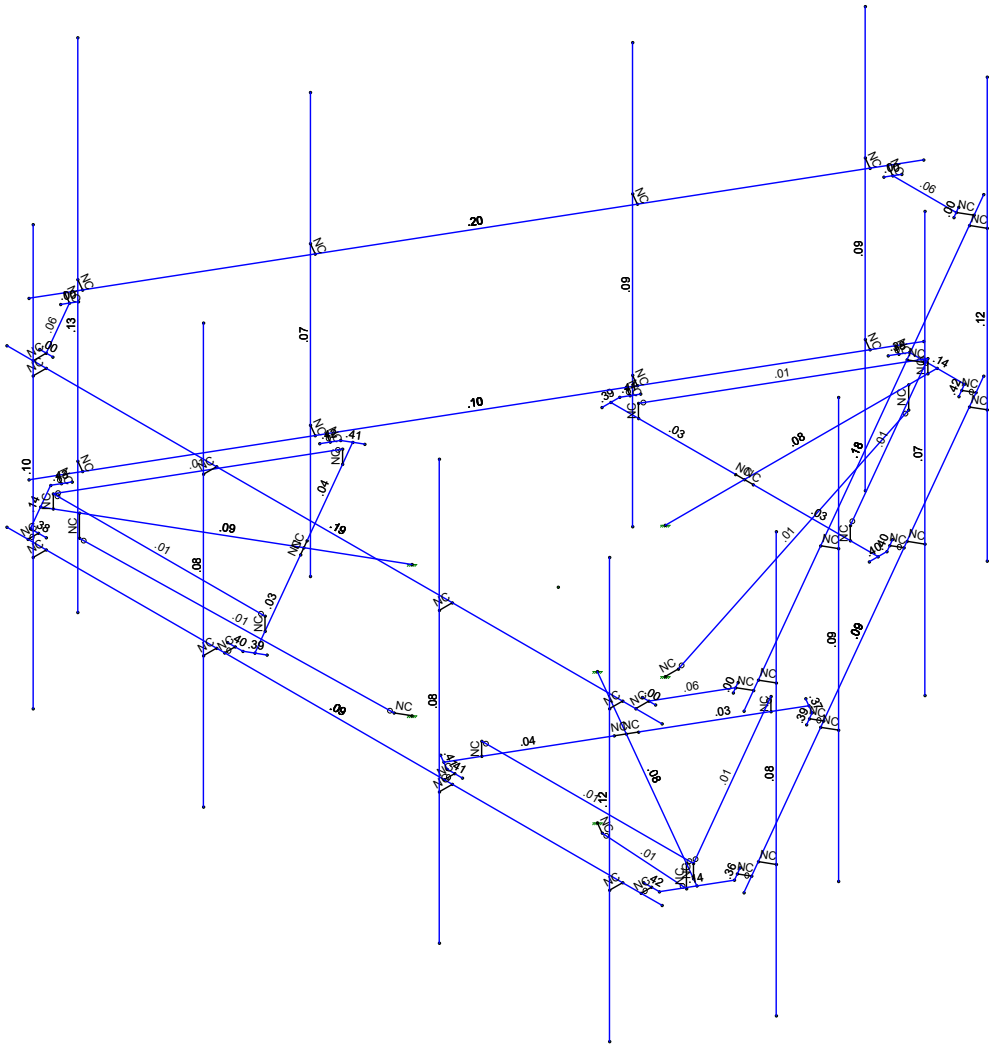
Loads: BLC 27, Ice Dead Load

POD Group	302496	SK - 1
YC		Sept 2, 2022 at 1:44 PM
22-139020		302496.r3d



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

POD Group	302496	SK - 4
YC		Sept 2, 2022 at 1:49 PM
22-139020		302496.r3d



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

POD Group	302496	SK - 5
YC		Sept 2, 2022 at 1:50 PM
22-139020		302496.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Live Load	DL					1			
2	Wind Load (0)	DL					24	66		
3	Dead Load	DL			-1.1		24		3	
4	Wind Load (30)	DL					48	132		
5	Wind Load (60)	DL					48	132		
6	Wind Load (90)	DL					24	66		
7	Wind Load (120)	DL					48	132		
8	Wind Load (150)	DL					48	132		
9	Wind Load (180)	DL					24	66		
10	Wind Load (210)	DL					48	132		
11	Wind Load (240)	DL					48	132		
12	Wind Load (270)	DL					24	66		
13	Wind Load (300)	DL					48	132		
14	Wind Load (330)	DL					48	132		
15	Maintanence (0)	DL					24	66		
16	Maintanence (30)	DL					48	132		
17	Maintanence (60)	DL					48	132		
18	Maintanence (90)	DL					24	66		
19	Maintanence (120)	DL					48	132		
20	Maintanence (150)	DL					48	132		
21	Maintanence (180)	DL					24	66		
22	Maintanence (210)	DL					48	132		
23	Maintanence (240)	DL					48	132		
24	Maintanence (270)	DL					24	66		
25	Maintanence (300)	DL					48	132		
26	Maintanence (330)	DL					48	132		
27	Ice Dead Load	DL					24	66	3	
28	Ice Wind Load (0)	DL					24	66		
29	Ice Wind Load (30)	DL					48	132		
30	Ice Wind Load (60)	DL					48	132		
31	Ice Wind Load (90)	DL					24	66		
32	Ice Wind Load (120)	DL					48	132		
33	Ice Wind Load (150)	DL					48	132		
34	Ice Wind Load (180)	DL					24	66		
35	Ice Wind Load (210)	DL					48	132		
36	Ice Wind Load (240)	DL					48	132		
37	Ice Wind Load (270)	DL					24	66		
38	Ice Wind Load (300)	DL					48	132		
39	Ice Wind Load (330)	DL					48	132		
40	Earthquake (x-directi...	DL	-.12				24			
41	Earthquake (y-directio...	DL		-.12			24			
42	Earthquake (z-directi...	DL			-.048		24			
43	BLC 3 Transient Area...	None						15		
44	BLC 27 Transient Are...	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																

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...
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														
16	1.2D + 1.5L + 1.0Wl(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 + 1.0Wi(150)	Yes	Y		3	1.2	27	1	33	1														
19	1.2D + 1.5L + 1.0Wl(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 + 1.0Wi(180)	Yes	Y		3	1.2	27	1	34	1														
22	1.2D + 1.5L + 1.0Wl(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 + 1.0Wi(210)	Yes	Y		3	1.2	27	1	35	1														
25	1.2D + 1.5L + 1.0Wl(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 + 1.0Wi(240)	Yes	Y		3	1.2	27	1	36	1														
28	1.2D + 1.5L + 1.0Wl(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 + 1.0Wi(270)	Yes	Y		3	1.2	27	1	37	1														
31	1.2D + 1.5L + 1.0Wl(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 + 1.0Wi(300)	Yes	Y		3	1.2	27	1	38	1														
34	1.2D + 1.5L + 1.0Wl(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 + 1.0Wi(330)	Yes	Y		3	1.2	27	1	39	1														
37	1.2D + 1.5L + 1.0Wl(330)	Yes	Y		3	1.2	1	1.5	26	1														
38	1.2D + 1.0E(x) + 1.0E(z) ...	Yes	Y		3	1.2	40	1	42	1	1	1												
39	1.2D + 1.0E(y) + 1.0E(z) ...	Yes	Y		3	1.2	41	1	42	1	1	1												
40	1.2D - 1.0E(x) + 1.0E(z) +...	Yes	Y		3	1.2	40	-1	42	1	1	1												
41	1.2D - 1.0E(y) + 1.0E(z) +...	Yes	Y		3	1.2	41	-1	42	1	1	1												

Joint Boundary Conditions

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
1	N21	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	N185B	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
3	N187B	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
4	N185C	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
5	N190A	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
6	N195B	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp to...	Lcomp b...	L-tor...	Kyy	Kzz	Cb	Func...
1	SUP3B	L2x2x3	4.041			Lbyy						Later...
2	SUP3A	L2x2x3	4.041			Lbyy						Later...
3	SUP2B	L2x2x3	4.041			Lbyy						Later...
4	SUP2A	L2x2x3	4.041			Lbyy						Later...
5	SUP1B	L2x2x3	4.041			Lbyy						Later...
6	SUP1A	L2x2x3	4.041			Lbyy						Later...
7	SO3	HSS4X4X4_HRA	5.188			Lbyy						Later...
8	SO2	HSS4X4X4_HRA	5.188			Lbyy						Later...

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp to..	Lcomp b...	L-tor...	Kyy	Kzz	Cb	Func...
9	SO1	HSS4X4X4_HRA	5.188			Lbyy						Later...
10	RPL6	6x0.375	.25			Lbyy						Later...
11	RPL5	6x0.375	.25			Lbyy						Later...
12	RPL4	6x0.375	.25			Lbyy						Later...
13	RPL3	6x0.375	.25			Lbyy						Later...
14	RPL2	6x0.375	.25			Lbyy						Later...
15	RPL1	6x0.375	.25			Lbyy						Later...
16	RCORN...	L2.5x2.5x4	1.212			Lbyy						Later...
17	RCORN...	L2.5x2.5x4	1.212			Lbyy						Later...
18	RCORN...	L2.5x2.5x4	1.212			Lbyy						Later...
19	RAIL3	PIPE_2.0	12.5			Lbyy						Later...
20	RAIL2	PIPE_2.0	12.5			Lbyy						Later...
21	RAIL1	PIPE_2.0	12.5			Lbyy						Later...
22	PLATE12	6x0.375	.338			Lbyy						Later...
23	PLATE11	6x0.375	.338			Lbyy						Later...
24	PLATE10	6x0.375	.338			Lbyy						Later...
25	PLATE9	6x0.375	.338			Lbyy						Later...
26	PLATE8	6x0.375	.338			Lbyy						Later...
27	PLATE7	6x0.375	.338			Lbyy						Later...
28	PLATE6	6x0.375	.292			Lbyy						Later...
29	PLATE5	6x0.375	.292			Lbyy						Later...
30	PLATE4	6x0.375	.292			Lbyy						Later...
31	PLATE3	6x0.375	.292			Lbyy						Later...
32	PLATE2	6x0.375	.292			Lbyy						Later...
33	PLATE1	6x0.375	.292			Lbyy						Later...
34	MP GAM...	PIPE_2.5	8			Lbyy						Later...
35	MP GAM...	PIPE_2.5	8			Lbyy						Later...
36	MP GAM...	PIPE_2.5	8			Lbyy						Later...
37	MP GAM...	PIPE_2.5	8			Lbyy						Later...
38	MP BET...	PIPE_2.5	8			Lbyy						Later...
39	MP BET...	PIPE_2.5	8			Lbyy						Later...
40	MP BET...	PIPE_2.5	8			Lbyy						Later...
41	MP BET...	PIPE_2.5	9.5			Lbyy						Later...
42	MP ALP...	PIPE_2.5	8			Lbyy						Later...
43	MP ALP...	PIPE_2.5	8			Lbyy						Later...
44	MP ALP...	PIPE_2.5	8			Lbyy						Later...
45	MP ALP...	PIPE_2.5	8			Lbyy						Later...
46	KICKER3	LL2.5x2.5x3x3	4.864			Lbyy						Later...
47	KICKER2	LL2.5x2.5x3x3	4.864			Lbyy						Later...
48	KICKER1	LL2.5x2.5x3x3	4.864			Lbyy						Later...
49	FACE3	PIPE_3.0	12.5			Lbyy						Later...
50	FACE2	PIPE_3.0	12.5			Lbyy						Later...
51	FACE1	PIPE_3.0	12.5			Lbyy						Later...
52	CR3B	HSS4X4X4_HRA	2.38			Lbyy						Later...
53	CR3A	HSS4X4X4_HRA	2.38			Lbyy						Later...
54	CR2B	HSS4X4X4_HRA	2.38			Lbyy						Later...
55	CR2A	HSS4X4X4_HRA	2.38			Lbyy						Later...
56	CR1B	HSS4X4X4_HRA	2.38			Lbyy						Later...
57	CR1A	HSS4X4X4_HRA	2.38			Lbyy						Later...
58	CPL6	6x0.5	.3			Lbyy						Later...
59	CPL5	6x0.5	.3			Lbyy						Later...
60	CPL4	6x0.5	.3			Lbyy						Later...
61	CPL3	6x0.5	.3			Lbyy						Later...
62	CPL2	6x0.5	.3			Lbyy						Later...
63	CPL1	6x0.5	.3			Lbyy						Later...
64	CORNE...	6x0.5	1.049			Lbyy						Later...
65	CORNE...	6x0.5	1.049			Lbyy						Later...

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp to...	Lcomp b...	L-tor...	Kyy	Kzz	Cb	Func...
66	CORNE...	6x0.5	1.049			Lbyy						Later...

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design R...
1	SUP3B	N91	N88A		180	L2x2x3	Beam	Single Angle	A36 Gr....	Typical
2	SUP3A	N86A	N91			L2x2x3	Beam	Single Angle	A36 Gr....	Typical
3	SUP2B	N89	N91A		180	L2x2x3	Beam	Single Angle	A36 Gr....	Typical
4	SUP2A	N89	N87B		90	L2x2x3	Beam	Single Angle	A36 Gr....	Typical
5	SUP1B	N89A	N87A			L2x2x3	Beam	Single Angle	A36 Gr....	Typical
6	SUP1A	N90	N89A		180	L2x2x3	Beam	Single Angle	A36 Gr....	Typical
7	SO3	N239A	N21			HSS4X4X4_HRA	Beam	SquareTube	A500 G...	Typical
8	SO2	N242	N187B			HSS4X4X4_HRA	Beam	SquareTube	A500 G...	Typical
9	SO1	N240A	N185B			HSS4X4X4_HRA	Beam	SquareTube	A500 G...	Typical
10	RPL6	N154	N152		90	6x0.375	Beam	RECT	A36 Gr....	Typical
11	RPL5	N160A	N162B		270	6x0.375	Beam	RECT	A36 Gr....	Typical
12	RPL4	N163A	N161B		270	6x0.375	Beam	RECT	A36 Gr....	Typical
13	RPL3	N169A	N171A		270	6x0.375	Beam	RECT	A36 Gr....	Typical
14	RPL2	N172A	N170A		270	6x0.375	Beam	RECT	A36 Gr....	Typical
15	RPL1	N151	N153		90	6x0.375	Beam	RECT	A36 Gr....	Typical
16	RCORNER3	N158A	N150		90	L2.5x2.5x4	Beam	Single Angle	A36 Gr....	Typical
17	RCORNER2	N167C	N159A		270	L2.5x2.5x4	Beam	Single Angle	A36 Gr....	Typical
18	RCORNER1	N149	N168C		90	L2.5x2.5x4	Beam	Single Angle	A36 Gr....	Typical
19	RAIL3	N159	N160			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
20	RAIL2	N158	N157			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
21	RAIL1	N156A	N155A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
22	PLATE12	N179A	N202		90	6x0.375	Beam	RECT	A36 Gr....	Typical
23	PLATE11	N184B	N201		90	6x0.375	Beam	RECT	A36 Gr....	Typical
24	PLATE10	N182B	N167A		90	6x0.375	Beam	RECT	A36 Gr....	Typical
25	PLATE9	N181A	N183		90	6x0.375	Beam	RECT	A36 Gr....	Typical
26	PLATE8	N180	N182		90	6x0.375	Beam	RECT	A36 Gr....	Typical
27	PLATE7	N183B	N168A		90	6x0.375	Beam	RECT	A36 Gr....	Typical
28	PLATE6	N185	N183		90	6x0.375	Beam	RECT	A36 Gr....	Typical
29	PLATE5	N182	N184		90	6x0.375	Beam	RECT	A36 Gr....	Typical
30	PLATE4	N204	N202		90	6x0.375	Beam	RECT	A36 Gr....	Typical
31	PLATE3	N201	N203		90	6x0.375	Beam	RECT	A36 Gr....	Typical
32	PLATE2	N170	N168A		90	6x0.375	Beam	RECT	A36 Gr....	Typical
33	PLATE1	N167A	N169		90	6x0.375	Beam	RECT	A36 Gr....	Typical
34	MP GAMMA4	N193B	N192C		120	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical
35	MP GAMMA3	N189A	N188A		120	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical
36	MP GAMMA2	N185A	N184A		120	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical
37	MP GAMMA1	N181	N180A		120	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical
38	MP BETA4	N228	N227		240	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical
39	MP BETA3	N224	N223		240	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical
40	MP BETA2	N220	N219		240	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical
41	MP BETA1	N216	N215		240	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical
42	MP ALPHA4	N112A	N111A			PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical
43	MP ALPHA3	N106A	N105			PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical
44	MP ALPHA2	N100	N99			PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical
45	MP ALPHA1	N94	N93A			PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical
46	KICKER3	N196	N198B		76.111	LL2.5x2.5x3x3	Beam	Double Angl...	A36 Gr....	Typical
47	KICKER2	N186B	N188B		180	LL2.5x2.5x3x3	Beam	Double Angl...	A36 Gr....	Typical
48	KICKER1	N191B	N193A		283.889	LL2.5x2.5x3x3	Beam	Double Angl...	A36 Gr....	Typical
49	FACE3	N15	N16			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
50	FACE2	N10	N9A			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical
51	FACE1	N2	N1			PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design R...
52	CR3B	N92	N167			HSS4X4X4_HRA	Beam	SquareTube	A500 G...	Typical
53	CR3A	N168	N93			HSS4X4X4_HRA	Beam	SquareTube	A500 G...	Typical
54	CR2B	N32	N161A			HSS4X4X4_HRA	Beam	SquareTube	A500 G...	Typical
55	CR2A	N33	N162A			HSS4X4X4_HRA	Beam	SquareTube	A500 G...	Typical
56	CR1B	N164	N89B			HSS4X4X4_HRA	Beam	SquareTube	A500 G...	Typical
57	CR1A	N165	N90A			HSS4X4X4_HRA	Beam	SquareTube	A500 G...	Typical
58	CPL6	N173	N4		90	6x0.5	Beam	RECT	A36 Gr...	Typical
59	CPL5	N175A	N191		90	6x0.5	Beam	RECT	A36 Gr...	Typical
60	CPL4	N188	N176A		90	6x0.5	Beam	RECT	A36 Gr...	Typical
61	CPL3	N194	N210		90	6x0.5	Beam	RECT	A36 Gr...	Typical
62	CPL2	N207	N195		90	6x0.5	Beam	RECT	A36 Gr...	Typical
63	CPL1	N3	N176		90	6x0.5	Beam	RECT	A36 Gr...	Typical
64	CORNER3	N4	N175A		90	6x0.5	Beam	RECT	A36 Gr...	Typical
65	CORNER2	N176A	N194		90	6x0.5	Beam	RECT	A36 Gr...	Typical
66	CORNER1	N195	N3		90	6x0.5	Beam	RECT	A36 Gr...	Typical
67	80	N213	N214			RIGID	None	None	RIGID	Typical
68	79	N217	N218			RIGID	None	None	RIGID	Typical
69	78	N221	N222			RIGID	None	None	RIGID	Typical
70	77	N225	N226			RIGID	None	None	RIGID	Typical
71	76	N235	N236			RIGID	None	None	RIGID	Typical
72	75	N233	N234			RIGID	None	None	RIGID	Typical
73	74	N231	N232			RIGID	None	None	RIGID	Typical
74	73	N229	N230			RIGID	None	None	RIGID	Typical
75	72	N178B	N179B		180	RIGID	None	None	RIGID	Typical
76	71	N182A	N183A		180	RIGID	None	None	RIGID	Typical
77	70	N186A	N187A		180	RIGID	None	None	RIGID	Typical
78	69	N190B	N191C		180	RIGID	None	None	RIGID	Typical
79	68	N200	N201A		180	RIGID	None	None	RIGID	Typical
80	67	N198A	N199		180	RIGID	None	None	RIGID	Typical
81	66	N195B	N196			RIGID	None	None	RIGID	Typical
82	65	N196A	N197A		180	RIGID	None	None	RIGID	Typical
83	64	N197B	N198B		120	RIGID	None	None	RIGID	Typical
84	63	N194A	N195A		180	RIGID	None	None	RIGID	Typical
85	62	N190A	N191B		180	RIGID	None	None	RIGID	Typical
86	61	N192B	N193A		240	RIGID	None	None	RIGID	Typical
87	60	N166A	N168C			RIGID	None	None	RIGID	Typical
88	59	N165B	N167C			RIGID	None	None	RIGID	Typical
89	58	N157A	N159A		180	RIGID	None	None	RIGID	Typical
90	57	N156	N158A		180	RIGID	None	None	RIGID	Typical
91	56	N192A	N150			RIGID	None	None	RIGID	Typical
92	55	N191A	N149			RIGID	None	None	RIGID	Typical
93	54	N187C	N188B			RIGID	None	None	RIGID	Typical
94	53	N185C	N186B			RIGID	None	None	RIGID	Typical
95	52	N189	N190			RIGID	None	None	RIGID	Typical
96	43	N161	N162			RIGID	None	None	RIGID	Typical
97	42	N163	N164A			RIGID	None	None	RIGID	Typical
98	41	N165A	N166			RIGID	None	None	RIGID	Typical
99	40	N167B	N168B			RIGID	None	None	RIGID	Typical
100	31	N211	N212			RIGID	None	None	RIGID	Typical
101	30	N208	N209			RIGID	None	None	RIGID	Typical
102	29	N205	N198			RIGID	None	None	RIGID	Typical
103	28	N206	N197			RIGID	None	None	RIGID	Typical
104	27	N192	N193			RIGID	None	None	RIGID	Typical
105	26	N186	N179			RIGID	None	None	RIGID	Typical
106	25	N187	N178A			RIGID	None	None	RIGID	Typical
107	24	N177	N178			RIGID	None	None	RIGID	Typical
108	23	N174	N175			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design R...
109	22	N171	N47			RIGID	None	None	RIGID	Typical
110	21	N172	N38			RIGID	None	None	RIGID	Typical
111	19	N48	N168			RIGID	None	None	RIGID	Typical
112	18	N167	N48			RIGID	None	None	RIGID	Typical
113	17	N164	N40			RIGID	None	None	RIGID	Typical
114	16	N165	N40			RIGID	None	None	RIGID	Typical
115	15	N34	N161A			RIGID	None	None	RIGID	Typical
116	14	N34	N162A			RIGID	None	None	RIGID	Typical
117	13	N107A	N109A			RIGID	None	None	RIGID	Typical
118	12	N101	N103			RIGID	None	None	RIGID	Typical
119	11	N95	N97			RIGID	None	None	RIGID	Typical
120	10	N89D	N91B			RIGID	None	None	RIGID	Typical
121	9	N112	N91A			RIGID	None	None	RIGID	Typical
122	8	N104A	N89			RIGID	None	None	RIGID	Typical
123	7	N109	N87B			RIGID	None	None	RIGID	Typical
124	6	N110	N88A			RIGID	None	None	RIGID	Typical
125	5	N106	N91			RIGID	None	None	RIGID	Typical
126	4	N107	N86A			RIGID	None	None	RIGID	Typical
127	3	N108	N87A			RIGID	None	None	RIGID	Typical
128	2	N111	N90			RIGID	None	None	RIGID	Typical
129	1	N105A	N89A			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	SUP3B	BenPIN	BenPIN				Yes	Default			None
2	SUP3A	BenPIN	BenPIN				Yes	Default			None
3	SUP2B	BenPIN	BenPIN				Yes	Default			None
4	SUP2A	BenPIN	BenPIN				Yes	Default			None
5	SUP1B	BenPIN	BenPIN				Yes	Default			None
6	SUP1A	BenPIN	BenPIN				Yes	Default			None
7	SO3						Yes				None
8	SO2						Yes				None
9	SO1						Yes				None
10	RPL6						Yes				None
11	RPL5						Yes				None
12	RPL4						Yes				None
13	RPL3						Yes				None
14	RPL2						Yes				None
15	RPL1						Yes				None
16	RCORNER3						Yes				None
17	RCORNER2						Yes				None
18	RCORNER1						Yes	Default			None
19	RAIL3						Yes				None
20	RAIL2						Yes				None
21	RAIL1						Yes				None
22	PLATE12						Yes				None
23	PLATE11						Yes				None
24	PLATE10						Yes				None
25	PLATE9						Yes				None
26	PLATE8						Yes				None
27	PLATE7						Yes				None
28	PLATE6						Yes				None
29	PLATE5						Yes				None
30	PLATE4						Yes				None
31	PLATE3						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
32	PLATE2						Yes				None
33	PLATE1						Yes				None
34	MP GAMM...						Yes				None
35	MP GAMM...						Yes				None
36	MP GAMM...						Yes				None
37	MP GAMM...						Yes				None
38	MP BETA4						Yes				None
39	MP BETA3						Yes				None
40	MP BETA2						Yes				None
41	MP BETA1						Yes				None
42	MP ALPHA4						Yes				None
43	MP ALPHA3						Yes				None
44	MP ALPHA2						Yes				None
45	MP ALPHA1						Yes				None
46	KICKER3	OOOOOX	OOOOOX				Yes	Default			None
47	KICKER2	OOOOOX	OOOOOX				Yes	Default			None
48	KICKER1	OOOOOX	OOOOOX				Yes	Default			None
49	FACE3						Yes				None
50	FACE2						Yes				None
51	FACE1						Yes				None
52	CR3B						Yes				None
53	CR3A						Yes				None
54	CR2B						Yes				None
55	CR2A						Yes				None
56	CR1B						Yes				None
57	CR1A						Yes				None
58	CPL6						Yes				None
59	CPL5						Yes				None
60	CPL4						Yes				None
61	CPL3						Yes				None
62	CPL2						Yes				None
63	CPL1						Yes				None
64	CORNER3						Yes				None
65	CORNER2						Yes				None
66	CORNER1						Yes				None
67	80						Yes	** NA **			None
68	79						Yes	** NA **			None
69	78						Yes	** NA **			None
70	77						Yes	** NA **			None
71	76						Yes	** NA **			None
72	75						Yes	** NA **			None
73	74						Yes	** NA **			None
74	73						Yes	** NA **			None
75	72						Yes	** NA **			None
76	71						Yes	** NA **			None
77	70						Yes	** NA **			None
78	69						Yes	** NA **			None
79	68						Yes	** NA **			None
80	67						Yes	** NA **			None
81	66						Yes	** NA **			None
82	65						Yes	** NA **			None
83	64						Yes	** NA **			None
84	63						Yes	** NA **			None
85	62						Yes	** NA **			None
86	61						Yes	** NA **			None
87	60						Yes	** NA **			None
88	59						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
89	58						Yes	** NA **			None
90	57						Yes	** NA **			None
91	56						Yes	** NA **			None
92	55						Yes	** NA **			None
93	54						Yes	** NA **			None
94	53						Yes	** NA **			None
95	52		OOOXOO				Yes	** NA **			None
96	43						Yes	** NA **			None
97	42						Yes	** NA **			None
98	41						Yes	** NA **			None
99	40						Yes	** NA **			None
100	31		OOOXOO				Yes	** NA **			None
101	30		OOOXOO				Yes	** NA **			None
102	29		OOOXOO				Yes	** NA **			None
103	28		OOOXOO				Yes	** NA **			None
104	27		OOOXOO				Yes	** NA **			None
105	26		OOOXOO				Yes	** NA **			None
106	25		OOOXOO				Yes	** NA **			None
107	24		OOOXOO				Yes	** NA **			None
108	23		OOOXOO				Yes	** NA **			None
109	22		OOOXOO				Yes	** NA **			None
110	21		OOOXOO				Yes	** NA **			None
111	19						Yes	** NA **			None
112	18						Yes	** NA **			None
113	17						Yes	** NA **			None
114	16						Yes	** NA **			None
115	15						Yes	** NA **			None
116	14						Yes	** NA **			None
117	13						Yes	** NA **			None
118	12						Yes	** NA **			None
119	11						Yes	** NA **			None
120	10						Yes	** NA **			None
121	9						Yes	** NA **			None
122	8						Yes	** NA **			None
123	7						Yes	** NA **			None
124	6						Yes	** NA **			None
125	5						Yes	** NA **			None
126	4						Yes	** NA **			None
127	3						Yes	** NA **			None
128	2						Yes	** NA **			None
129	1						Yes	** NA **			None

Hot Rolled Steel Properties

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

Member Point Loads (BLC 1 : Live Load)

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

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.107	5.25
2	MP ALPHA1	Y	-.107	2.75
3	MP BETA1	Y	-.074	5.25
4	MP BETA1	Y	-.074	2.75
5	MP GAMMA1	Y	-.057	5.25
6	MP GAMMA1	Y	-.057	2.75
7	MP ALPHA2	Y	-.364	6.5
8	MP ALPHA2	Y	-.364	1.5
9	MP BETA2	Y	-.246	6.5
10	MP BETA2	Y	-.246	1.5
11	MP GAMMA2	Y	-.184	6.5
12	MP GAMMA2	Y	-.184	1.5
13	MP ALPHA3	Y	-.114	4.625
14	MP ALPHA3	Y	-.114	3.375
15	MP BETA3	Y	-.079	4.625
16	MP BETA3	Y	-.079	3.375
17	MP GAMMA3	Y	-.06	4.625
18	MP GAMMA3	Y	-.06	3.375
19	MP ALPHA1	Y	-.094	4
20	MP BETA1	Y	-.078	4
21	MP GAMMA1	Y	-.078	4
22	MP ALPHA2	Y	-.104	4
23	MP BETA2	Y	-.064	4
24	MP GAMMA2	Y	-.064	4

Member Point Loads (BLC 3 : Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Z	-.012	5.25
2	MP ALPHA1	Z	-.012	2.75
3	MP BETA1	Z	-.012	5.25
4	MP BETA1	Z	-.012	2.75
5	MP GAMMA1	Z	-.012	5.25
6	MP GAMMA1	Z	-.012	2.75
7	MP ALPHA2	Z	-.084	6.5
8	MP ALPHA2	Z	-.084	1.5
9	MP BETA2	Z	-.084	6.5
10	MP BETA2	Z	-.084	1.5
11	MP GAMMA2	Z	-.084	6.5
12	MP GAMMA2	Z	-.084	1.5
13	MP ALPHA3	Z	-.042	4.625
14	MP ALPHA3	Z	-.042	3.375
15	MP BETA3	Z	-.042	4.625
16	MP BETA3	Z	-.042	3.375
17	MP GAMMA3	Z	-.042	4.625
18	MP GAMMA3	Z	-.042	3.375
19	MP ALPHA1	Z	-.109	4
20	MP BETA1	Z	-.109	4
21	MP GAMMA1	Z	-.109	4
22	MP ALPHA2	Z	-.084	4
23	MP BETA2	Z	-.084	4
24	MP GAMMA2	Z	-.084	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.073	5.25
2	MP ALPHA1	Y	-.073	2.75
3	MP ALPHA1	X	-.042	5.25
4	MP ALPHA1	X	-.042	2.75
5	MP BETA1	Y	-.045	5.25
6	MP BETA1	Y	-.045	2.75
7	MP BETA1	X	-.026	5.25
8	MP BETA1	X	-.026	2.75
9	MP GAMMA1	Y	-.073	5.25
10	MP GAMMA1	Y	-.073	2.75
11	MP GAMMA1	X	-.042	5.25
12	MP GAMMA1	X	-.042	2.75
13	MP ALPHA2	Y	-.245	6.5
14	MP ALPHA2	Y	-.245	1.5
15	MP ALPHA2	X	-.141	6.5
16	MP ALPHA2	X	-.141	1.5
17	MP BETA2	Y	-.144	6.5
18	MP BETA2	Y	-.144	1.5
19	MP BETA2	X	-.083	6.5
20	MP BETA2	X	-.083	1.5
21	MP GAMMA2	Y	-.245	6.5
22	MP GAMMA2	Y	-.245	1.5
23	MP GAMMA2	X	-.141	6.5
24	MP GAMMA2	X	-.141	1.5
25	MP ALPHA3	Y	-.078	4.625
26	MP ALPHA3	Y	-.078	3.375
27	MP ALPHA3	X	-.045	4.625
28	MP ALPHA3	X	-.045	3.375
29	MP BETA3	Y	-.047	4.625
30	MP BETA3	Y	-.047	3.375
31	MP BETA3	X	-.027	4.625
32	MP BETA3	X	-.027	3.375
33	MP GAMMA3	Y	-.078	4.625
34	MP GAMMA3	Y	-.078	3.375
35	MP GAMMA3	X	-.045	4.625
36	MP GAMMA3	X	-.045	3.375
37	MP ALPHA1	Y	-.077	4
38	MP ALPHA1	X	-.044	4
39	MP BETA1	Y	-.063	4
40	MP BETA1	X	-.036	4
41	MP GAMMA1	Y	-.077	4
42	MP GAMMA1	X	-.044	4
43	MP ALPHA2	Y	-.079	4
44	MP ALPHA2	X	-.045	4
45	MP BETA2	Y	-.044	4
46	MP BETA2	X	-.025	4
47	MP GAMMA2	Y	-.079	4
48	MP GAMMA2	X	-.045	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.028	5.25
2	MP ALPHA1	Y	-.028	2.75
3	MP ALPHA1	X	-.049	5.25
4	MP ALPHA1	X	-.049	2.75
5	MP BETA1	Y	-.028	5.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
6	MP BETA1	Y	-.028	2.75
7	MP BETA1	X	-.049	5.25
8	MP BETA1	X	-.049	2.75
9	MP GAMMA1	Y	-.053	5.25
10	MP GAMMA1	Y	-.053	2.75
11	MP GAMMA1	X	-.092	5.25
12	MP GAMMA1	X	-.092	2.75
13	MP ALPHA2	Y	-.092	6.5
14	MP ALPHA2	Y	-.092	1.5
15	MP ALPHA2	X	-.16	6.5
16	MP ALPHA2	X	-.16	1.5
17	MP BETA2	Y	-.092	6.5
18	MP BETA2	Y	-.092	1.5
19	MP BETA2	X	-.16	6.5
20	MP BETA2	X	-.16	1.5
21	MP GAMMA2	Y	-.182	6.5
22	MP GAMMA2	Y	-.182	1.5
23	MP GAMMA2	X	-.315	6.5
24	MP GAMMA2	X	-.315	1.5
25	MP ALPHA3	Y	-.03	4.625
26	MP ALPHA3	Y	-.03	3.375
27	MP ALPHA3	X	-.052	4.625
28	MP ALPHA3	X	-.052	3.375
29	MP BETA3	Y	-.03	4.625
30	MP BETA3	Y	-.03	3.375
31	MP BETA3	X	-.052	4.625
32	MP BETA3	X	-.052	3.375
33	MP GAMMA3	Y	-.057	4.625
34	MP GAMMA3	Y	-.057	3.375
35	MP GAMMA3	X	-.098	4.625
36	MP GAMMA3	X	-.098	3.375
37	MP ALPHA1	Y	-.039	4
38	MP ALPHA1	X	-.067	4
39	MP BETA1	Y	-.039	4
40	MP BETA1	X	-.067	4
41	MP GAMMA1	Y	-.047	4
42	MP GAMMA1	X	-.081	4
43	MP ALPHA2	Y	-.032	4
44	MP ALPHA2	X	-.055	4
45	MP BETA2	Y	-.032	4
46	MP BETA2	X	-.055	4
47	MP GAMMA2	Y	-.052	4
48	MP GAMMA2	X	-.09	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	-.052	5.25
2	MP ALPHA1	X	-.052	2.75
3	MP BETA1	X	-.084	5.25
4	MP BETA1	X	-.084	2.75
5	MP GAMMA1	X	-.101	5.25
6	MP GAMMA1	X	-.101	2.75
7	MP ALPHA2	X	-.166	6.5
8	MP ALPHA2	X	-.166	1.5
9	MP BETA2	X	-.283	6.5
10	MP BETA2	X	-.283	1.5

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
11	MP GAMMA2	X	-.345	6.5
12	MP GAMMA2	X	-.345	1.5
13	MP ALPHA3	X	-.054	4.625
14	MP ALPHA3	X	-.054	3.375
15	MP BETA3	X	-.09	4.625
16	MP BETA3	X	-.09	3.375
17	MP GAMMA3	X	-.108	4.625
18	MP GAMMA3	X	-.108	3.375
19	MP ALPHA1	X	-.072	4
20	MP BETA1	X	-.088	4
21	MP GAMMA1	X	-.088	4
22	MP ALPHA2	X	-.051	4
23	MP BETA2	X	-.091	4
24	MP GAMMA2	X	-.091	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.037	5.25
2	MP ALPHA1	Y	.037	2.75
3	MP ALPHA1	X	-.064	5.25
4	MP ALPHA1	X	-.064	2.75
5	MP BETA1	Y	.053	5.25
6	MP BETA1	Y	.053	2.75
7	MP BETA1	X	-.092	5.25
8	MP BETA1	X	-.092	2.75
9	MP GAMMA1	Y	.037	5.25
10	MP GAMMA1	Y	.037	2.75
11	MP GAMMA1	X	-.064	5.25
12	MP GAMMA1	X	-.064	2.75
13	MP ALPHA2	Y	.123	6.5
14	MP ALPHA2	Y	.123	1.5
15	MP ALPHA2	X	-.213	6.5
16	MP ALPHA2	X	-.213	1.5
17	MP BETA2	Y	.182	6.5
18	MP BETA2	Y	.182	1.5
19	MP BETA2	X	-.315	6.5
20	MP BETA2	X	-.315	1.5
21	MP GAMMA2	Y	.123	6.5
22	MP GAMMA2	Y	.123	1.5
23	MP GAMMA2	X	-.213	6.5
24	MP GAMMA2	X	-.213	1.5
25	MP ALPHA3	Y	.039	4.625
26	MP ALPHA3	Y	.039	3.375
27	MP ALPHA3	X	-.068	4.625
28	MP ALPHA3	X	-.068	3.375
29	MP BETA3	Y	.057	4.625
30	MP BETA3	Y	.057	3.375
31	MP BETA3	X	-.098	4.625
32	MP BETA3	X	-.098	3.375
33	MP GAMMA3	Y	.039	4.625
34	MP GAMMA3	Y	.039	3.375
35	MP GAMMA3	X	-.068	4.625
36	MP GAMMA3	X	-.068	3.375
37	MP ALPHA1	Y	.039	4
38	MP ALPHA1	X	-.067	4
39	MP BETA1	Y	.047	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
40	MP BETA1	X	-.081	4
41	MP GAMMA1	Y	.039	4
42	MP GAMMA1	X	-.067	4
43	MP ALPHA2	Y	.032	4
44	MP ALPHA2	X	-.055	4
45	MP BETA2	Y	.052	4
46	MP BETA2	X	-.09	4
47	MP GAMMA2	Y	.032	4
48	MP GAMMA2	X	-.055	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.088	5.25
2	MP ALPHA1	Y	.088	2.75
3	MP ALPHA1	X	-.051	5.25
4	MP ALPHA1	X	-.051	2.75
5	MP BETA1	Y	.088	5.25
6	MP BETA1	Y	.088	2.75
7	MP BETA1	X	-.051	5.25
8	MP BETA1	X	-.051	2.75
9	MP GAMMA1	Y	.045	5.25
10	MP GAMMA1	Y	.045	2.75
11	MP GAMMA1	X	-.026	5.25
12	MP GAMMA1	X	-.026	2.75
13	MP ALPHA2	Y	.299	6.5
14	MP ALPHA2	Y	.299	1.5
15	MP ALPHA2	X	-.173	6.5
16	MP ALPHA2	X	-.173	1.5
17	MP BETA2	Y	.299	6.5
18	MP BETA2	Y	.299	1.5
19	MP BETA2	X	-.173	6.5
20	MP BETA2	X	-.173	1.5
21	MP GAMMA2	Y	.144	6.5
22	MP GAMMA2	Y	.144	1.5
23	MP GAMMA2	X	-.083	6.5
24	MP GAMMA2	X	-.083	1.5
25	MP ALPHA3	Y	.094	4.625
26	MP ALPHA3	Y	.094	3.375
27	MP ALPHA3	X	-.054	4.625
28	MP ALPHA3	X	-.054	3.375
29	MP BETA3	Y	.094	4.625
30	MP BETA3	Y	.094	3.375
31	MP BETA3	X	-.054	4.625
32	MP BETA3	X	-.054	3.375
33	MP GAMMA3	Y	.047	4.625
34	MP GAMMA3	Y	.047	3.375
35	MP GAMMA3	X	-.027	4.625
36	MP GAMMA3	X	-.027	3.375
37	MP ALPHA1	Y	.077	4
38	MP ALPHA1	X	-.044	4
39	MP BETA1	Y	.077	4
40	MP BETA1	X	-.044	4
41	MP GAMMA1	Y	.063	4
42	MP GAMMA1	X	-.036	4
43	MP ALPHA2	Y	.079	4
44	MP ALPHA2	X	-.045	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
45	MP BETA2	Y	.079	4
46	MP BETA2	X	-.045	4
47	MP GAMMA2	Y	.044	4
48	MP GAMMA2	X	-.025	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.107	5.25
2	MP ALPHA1	Y	.107	2.75
3	MP BETA1	Y	.074	5.25
4	MP BETA1	Y	.074	2.75
5	MP GAMMA1	Y	.057	5.25
6	MP GAMMA1	Y	.057	2.75
7	MP ALPHA2	Y	.364	6.5
8	MP ALPHA2	Y	.364	1.5
9	MP BETA2	Y	.246	6.5
10	MP BETA2	Y	.246	1.5
11	MP GAMMA2	Y	.184	6.5
12	MP GAMMA2	Y	.184	1.5
13	MP ALPHA3	Y	.114	4.625
14	MP ALPHA3	Y	.114	3.375
15	MP BETA3	Y	.079	4.625
16	MP BETA3	Y	.079	3.375
17	MP GAMMA3	Y	.06	4.625
18	MP GAMMA3	Y	.06	3.375
19	MP ALPHA1	Y	.094	4
20	MP BETA1	Y	.078	4
21	MP GAMMA1	Y	.078	4
22	MP ALPHA2	Y	.104	4
23	MP BETA2	Y	.064	4
24	MP GAMMA2	Y	.064	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.073	5.25
2	MP ALPHA1	Y	.073	2.75
3	MP ALPHA1	X	.042	5.25
4	MP ALPHA1	X	.042	2.75
5	MP BETA1	Y	.045	5.25
6	MP BETA1	Y	.045	2.75
7	MP BETA1	X	.026	5.25
8	MP BETA1	X	.026	2.75
9	MP GAMMA1	Y	.073	5.25
10	MP GAMMA1	Y	.073	2.75
11	MP GAMMA1	X	.042	5.25
12	MP GAMMA1	X	.042	2.75
13	MP ALPHA2	Y	.245	6.5
14	MP ALPHA2	Y	.245	1.5
15	MP ALPHA2	X	.141	6.5
16	MP ALPHA2	X	.141	1.5
17	MP BETA2	Y	.144	6.5
18	MP BETA2	Y	.144	1.5
19	MP BETA2	X	.083	6.5
20	MP BETA2	X	.083	1.5
21	MP GAMMA2	Y	.245	6.5
22	MP GAMMA2	Y	.245	1.5

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
23	MP GAMMA2	X	.141	6.5
24	MP GAMMA2	X	.141	1.5
25	MP ALPHA3	Y	.078	4.625
26	MP ALPHA3	Y	.078	3.375
27	MP ALPHA3	X	.045	4.625
28	MP ALPHA3	X	.045	3.375
29	MP BETA3	Y	.047	4.625
30	MP BETA3	Y	.047	3.375
31	MP BETA3	X	.027	4.625
32	MP BETA3	X	.027	3.375
33	MP GAMMA3	Y	.078	4.625
34	MP GAMMA3	Y	.078	3.375
35	MP GAMMA3	X	.045	4.625
36	MP GAMMA3	X	.045	3.375
37	MP ALPHA1	Y	.077	4
38	MP ALPHA1	X	.044	4
39	MP BETA1	Y	.063	4
40	MP BETA1	X	.036	4
41	MP GAMMA1	Y	.077	4
42	MP GAMMA1	X	.044	4
43	MP ALPHA2	Y	.079	4
44	MP ALPHA2	X	.045	4
45	MP BETA2	Y	.044	4
46	MP BETA2	X	.025	4
47	MP GAMMA2	Y	.079	4
48	MP GAMMA2	X	.045	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.028	5.25
2	MP ALPHA1	Y	.028	2.75
3	MP ALPHA1	X	.049	5.25
4	MP ALPHA1	X	.049	2.75
5	MP BETA1	Y	.028	5.25
6	MP BETA1	Y	.028	2.75
7	MP BETA1	X	.049	5.25
8	MP BETA1	X	.049	2.75
9	MP GAMMA1	Y	.053	5.25
10	MP GAMMA1	Y	.053	2.75
11	MP GAMMA1	X	.092	5.25
12	MP GAMMA1	X	.092	2.75
13	MP ALPHA2	Y	.092	6.5
14	MP ALPHA2	Y	.092	1.5
15	MP ALPHA2	X	.16	6.5
16	MP ALPHA2	X	.16	1.5
17	MP BETA2	Y	.092	6.5
18	MP BETA2	Y	.092	1.5
19	MP BETA2	X	.16	6.5
20	MP BETA2	X	.16	1.5
21	MP GAMMA2	Y	.182	6.5
22	MP GAMMA2	Y	.182	1.5
23	MP GAMMA2	X	.315	6.5
24	MP GAMMA2	X	.315	1.5
25	MP ALPHA3	Y	.03	4.625
26	MP ALPHA3	Y	.03	3.375
27	MP ALPHA3	X	.052	4.625

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
28	MP ALPHA3	X	.052	3.375
29	MP BETA3	Y	.03	4.625
30	MP BETA3	Y	.03	3.375
31	MP BETA3	X	.052	4.625
32	MP BETA3	X	.052	3.375
33	MP GAMMA3	Y	.057	4.625
34	MP GAMMA3	Y	.057	3.375
35	MP GAMMA3	X	.098	4.625
36	MP GAMMA3	X	.098	3.375
37	MP ALPHA1	Y	.039	4
38	MP ALPHA1	X	.067	4
39	MP BETA1	Y	.039	4
40	MP BETA1	X	.067	4
41	MP GAMMA1	Y	.047	4
42	MP GAMMA1	X	.081	4
43	MP ALPHA2	Y	.032	4
44	MP ALPHA2	X	.055	4
45	MP BETA2	Y	.032	4
46	MP BETA2	X	.055	4
47	MP GAMMA2	Y	.052	4
48	MP GAMMA2	X	.09	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	.052	5.25
2	MP ALPHA1	X	.052	2.75
3	MP BETA1	X	.084	5.25
4	MP BETA1	X	.084	2.75
5	MP GAMMA1	X	.101	5.25
6	MP GAMMA1	X	.101	2.75
7	MP ALPHA2	X	.166	6.5
8	MP ALPHA2	X	.166	1.5
9	MP BETA2	X	.283	6.5
10	MP BETA2	X	.283	1.5
11	MP GAMMA2	X	.345	6.5
12	MP GAMMA2	X	.345	1.5
13	MP ALPHA3	X	.054	4.625
14	MP ALPHA3	X	.054	3.375
15	MP BETA3	X	.09	4.625
16	MP BETA3	X	.09	3.375
17	MP GAMMA3	X	.108	4.625
18	MP GAMMA3	X	.108	3.375
19	MP ALPHA1	X	.072	4
20	MP BETA1	X	.088	4
21	MP GAMMA1	X	.088	4
22	MP ALPHA2	X	.051	4
23	MP BETA2	X	.091	4
24	MP GAMMA2	X	.091	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.037	5.25
2	MP ALPHA1	Y	-.037	2.75
3	MP ALPHA1	X	.064	5.25
4	MP ALPHA1	X	.064	2.75
5	MP BETA1	Y	-.053	5.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
6	MP BETA1	Y	-.053	2.75
7	MP BETA1	X	.092	5.25
8	MP BETA1	X	.092	2.75
9	MP GAMMA1	Y	-.037	5.25
10	MP GAMMA1	Y	-.037	2.75
11	MP GAMMA1	X	.064	5.25
12	MP GAMMA1	X	.064	2.75
13	MP ALPHA2	Y	-.123	6.5
14	MP ALPHA2	Y	-.123	1.5
15	MP ALPHA2	X	.213	6.5
16	MP ALPHA2	X	.213	1.5
17	MP BETA2	Y	-.182	6.5
18	MP BETA2	Y	-.182	1.5
19	MP BETA2	X	.315	6.5
20	MP BETA2	X	.315	1.5
21	MP GAMMA2	Y	-.123	6.5
22	MP GAMMA2	Y	-.123	1.5
23	MP GAMMA2	X	.213	6.5
24	MP GAMMA2	X	.213	1.5
25	MP ALPHA3	Y	-.039	4.625
26	MP ALPHA3	Y	-.039	3.375
27	MP ALPHA3	X	.068	4.625
28	MP ALPHA3	X	.068	3.375
29	MP BETA3	Y	-.057	4.625
30	MP BETA3	Y	-.057	3.375
31	MP BETA3	X	.098	4.625
32	MP BETA3	X	.098	3.375
33	MP GAMMA3	Y	-.039	4.625
34	MP GAMMA3	Y	-.039	3.375
35	MP GAMMA3	X	.068	4.625
36	MP GAMMA3	X	.068	3.375
37	MP ALPHA1	Y	-.039	4
38	MP ALPHA1	X	.067	4
39	MP BETA1	Y	-.047	4
40	MP BETA1	X	.081	4
41	MP GAMMA1	Y	-.039	4
42	MP GAMMA1	X	.067	4
43	MP ALPHA2	Y	-.032	4
44	MP ALPHA2	X	.055	4
45	MP BETA2	Y	-.052	4
46	MP BETA2	X	.09	4
47	MP GAMMA2	Y	-.032	4
48	MP GAMMA2	X	.055	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.088	5.25
2	MP ALPHA1	Y	-.088	2.75
3	MP ALPHA1	X	.051	5.25
4	MP ALPHA1	X	.051	2.75
5	MP BETA1	Y	-.088	5.25
6	MP BETA1	Y	-.088	2.75
7	MP BETA1	X	.051	5.25
8	MP BETA1	X	.051	2.75
9	MP GAMMA1	Y	-.045	5.25
10	MP GAMMA1	Y	-.045	2.75

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
11	MP GAMMA1	X	.026	5.25
12	MP GAMMA1	X	.026	2.75
13	MP ALPHA2	Y	-.299	6.5
14	MP ALPHA2	Y	-.299	1.5
15	MP ALPHA2	X	.173	6.5
16	MP ALPHA2	X	.173	1.5
17	MP BETA2	Y	-.299	6.5
18	MP BETA2	Y	-.299	1.5
19	MP BETA2	X	.173	6.5
20	MP BETA2	X	.173	1.5
21	MP GAMMA2	Y	-.144	6.5
22	MP GAMMA2	Y	-.144	1.5
23	MP GAMMA2	X	.083	6.5
24	MP GAMMA2	X	.083	1.5
25	MP ALPHA3	Y	-.094	4.625
26	MP ALPHA3	Y	-.094	3.375
27	MP ALPHA3	X	.054	4.625
28	MP ALPHA3	X	.054	3.375
29	MP BETA3	Y	-.094	4.625
30	MP BETA3	Y	-.094	3.375
31	MP BETA3	X	.054	4.625
32	MP BETA3	X	.054	3.375
33	MP GAMMA3	Y	-.047	4.625
34	MP GAMMA3	Y	-.047	3.375
35	MP GAMMA3	X	.027	4.625
36	MP GAMMA3	X	.027	3.375
37	MP ALPHA1	Y	-.077	4
38	MP ALPHA1	X	.044	4
39	MP BETA1	Y	-.077	4
40	MP BETA1	X	.044	4
41	MP GAMMA1	Y	-.063	4
42	MP GAMMA1	X	.036	4
43	MP ALPHA2	Y	-.079	4
44	MP ALPHA2	X	.045	4
45	MP BETA2	Y	-.079	4
46	MP BETA2	X	.045	4
47	MP GAMMA2	Y	-.044	4
48	MP GAMMA2	X	.025	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.006	5.25
2	MP ALPHA1	Y	-.006	2.75
3	MP BETA1	Y	-.004	5.25
4	MP BETA1	Y	-.004	2.75
5	MP GAMMA1	Y	-.003	5.25
6	MP GAMMA1	Y	-.003	2.75
7	MP ALPHA2	Y	-.022	6.5
8	MP ALPHA2	Y	-.022	1.5
9	MP BETA2	Y	-.015	6.5
10	MP BETA2	Y	-.015	1.5
11	MP GAMMA2	Y	-.011	6.5
12	MP GAMMA2	Y	-.011	1.5
13	MP ALPHA3	Y	-.007	4.625
14	MP ALPHA3	Y	-.007	3.375
15	MP BETA3	Y	-.005	4.625

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
16	MP BETA3	Y	-.005	3.375
17	MP GAMMA3	Y	-.004	4.625
18	MP GAMMA3	Y	-.004	3.375
19	MP ALPHA1	Y	-.006	4
20	MP BETA1	Y	-.005	4
21	MP GAMMA1	Y	-.005	4
22	MP ALPHA2	Y	-.006	4
23	MP BETA2	Y	-.004	4
24	MP GAMMA2	Y	-.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.004	5.25
2	MP ALPHA1	Y	-.004	2.75
3	MP ALPHA1	X	-.003	5.25
4	MP ALPHA1	X	-.003	2.75
5	MP BETA1	Y	-.003	5.25
6	MP BETA1	Y	-.003	2.75
7	MP BETA1	X	-.002	5.25
8	MP BETA1	X	-.002	2.75
9	MP GAMMA1	Y	-.004	5.25
10	MP GAMMA1	Y	-.004	2.75
11	MP GAMMA1	X	-.003	5.25
12	MP GAMMA1	X	-.003	2.75
13	MP ALPHA2	Y	-.015	6.5
14	MP ALPHA2	Y	-.015	1.5
15	MP ALPHA2	X	-.009	6.5
16	MP ALPHA2	X	-.009	1.5
17	MP BETA2	Y	-.009	6.5
18	MP BETA2	Y	-.009	1.5
19	MP BETA2	X	-.005	6.5
20	MP BETA2	X	-.005	1.5
21	MP GAMMA2	Y	-.015	6.5
22	MP GAMMA2	Y	-.015	1.5
23	MP GAMMA2	X	-.009	6.5
24	MP GAMMA2	X	-.009	1.5
25	MP ALPHA3	Y	-.005	4.625
26	MP ALPHA3	Y	-.005	3.375
27	MP ALPHA3	X	-.003	4.625
28	MP ALPHA3	X	-.003	3.375
29	MP BETA3	Y	-.003	4.625
30	MP BETA3	Y	-.003	3.375
31	MP BETA3	X	-.002	4.625
32	MP BETA3	X	-.002	3.375
33	MP GAMMA3	Y	-.005	4.625
34	MP GAMMA3	Y	-.005	3.375
35	MP GAMMA3	X	-.003	4.625
36	MP GAMMA3	X	-.003	3.375
37	MP ALPHA1	Y	-.005	4
38	MP ALPHA1	X	-.003	4
39	MP BETA1	Y	-.004	4
40	MP BETA1	X	-.002	4
41	MP GAMMA1	Y	-.005	4
42	MP GAMMA1	X	-.003	4
43	MP ALPHA2	Y	-.005	4
44	MP ALPHA2	X	-.003	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
45	MP BETA2	Y	-.003	4
46	MP BETA2	X	-.002	4
47	MP GAMMA2	Y	-.005	4
48	MP GAMMA2	X	-.003	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.002	5.25
2	MP ALPHA1	Y	-.002	2.75
3	MP ALPHA1	X	-.003	5.25
4	MP ALPHA1	X	-.003	2.75
5	MP BETA1	Y	-.002	5.25
6	MP BETA1	Y	-.002	2.75
7	MP BETA1	X	-.003	5.25
8	MP BETA1	X	-.003	2.75
9	MP GAMMA1	Y	-.003	5.25
10	MP GAMMA1	Y	-.003	2.75
11	MP GAMMA1	X	-.006	5.25
12	MP GAMMA1	X	-.006	2.75
13	MP ALPHA2	Y	-.006	6.5
14	MP ALPHA2	Y	-.006	1.5
15	MP ALPHA2	X	-.01	6.5
16	MP ALPHA2	X	-.01	1.5
17	MP BETA2	Y	-.006	6.5
18	MP BETA2	Y	-.006	1.5
19	MP BETA2	X	-.01	6.5
20	MP BETA2	X	-.01	1.5
21	MP GAMMA2	Y	-.011	6.5
22	MP GAMMA2	Y	-.011	1.5
23	MP GAMMA2	X	-.019	6.5
24	MP GAMMA2	X	-.019	1.5
25	MP ALPHA3	Y	-.002	4.625
26	MP ALPHA3	Y	-.002	3.375
27	MP ALPHA3	X	-.003	4.625
28	MP ALPHA3	X	-.003	3.375
29	MP BETA3	Y	-.002	4.625
30	MP BETA3	Y	-.002	3.375
31	MP BETA3	X	-.003	4.625
32	MP BETA3	X	-.003	3.375
33	MP GAMMA3	Y	-.003	4.625
34	MP GAMMA3	Y	-.003	3.375
35	MP GAMMA3	X	-.006	4.625
36	MP GAMMA3	X	-.006	3.375
37	MP ALPHA1	Y	-.002	4
38	MP ALPHA1	X	-.004	4
39	MP BETA1	Y	-.002	4
40	MP BETA1	X	-.004	4
41	MP GAMMA1	Y	-.003	4
42	MP GAMMA1	X	-.005	4
43	MP ALPHA2	Y	-.002	4
44	MP ALPHA2	X	-.003	4
45	MP BETA2	Y	-.002	4
46	MP BETA2	X	-.003	4
47	MP GAMMA2	Y	-.003	4
48	MP GAMMA2	X	-.005	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	-.003	5.25
2	MP ALPHA1	X	-.003	2.75
3	MP BETA1	X	-.005	5.25
4	MP BETA1	X	-.005	2.75
5	MP GAMMA1	X	-.006	5.25
6	MP GAMMA1	X	-.006	2.75
7	MP ALPHA2	X	-.01	6.5
8	MP ALPHA2	X	-.01	1.5
9	MP BETA2	X	-.017	6.5
10	MP BETA2	X	-.017	1.5
11	MP GAMMA2	X	-.021	6.5
12	MP GAMMA2	X	-.021	1.5
13	MP ALPHA3	X	-.003	4.625
14	MP ALPHA3	X	-.003	3.375
15	MP BETA3	X	-.005	4.625
16	MP BETA3	X	-.005	3.375
17	MP GAMMA3	X	-.007	4.625
18	MP GAMMA3	X	-.007	3.375
19	MP ALPHA1	X	-.004	4
20	MP BETA1	X	-.005	4
21	MP GAMMA1	X	-.005	4
22	MP ALPHA2	X	-.003	4
23	MP BETA2	X	-.005	4
24	MP GAMMA2	X	-.005	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.002	5.25
2	MP ALPHA1	Y	.002	2.75
3	MP ALPHA1	X	-.004	5.25
4	MP ALPHA1	X	-.004	2.75
5	MP BETA1	Y	.003	5.25
6	MP BETA1	Y	.003	2.75
7	MP BETA1	X	-.006	5.25
8	MP BETA1	X	-.006	2.75
9	MP GAMMA1	Y	.002	5.25
10	MP GAMMA1	Y	.002	2.75
11	MP GAMMA1	X	-.004	5.25
12	MP GAMMA1	X	-.004	2.75
13	MP ALPHA2	Y	.007	6.5
14	MP ALPHA2	Y	.007	1.5
15	MP ALPHA2	X	-.013	6.5
16	MP ALPHA2	X	-.013	1.5
17	MP BETA2	Y	.011	6.5
18	MP BETA2	Y	.011	1.5
19	MP BETA2	X	-.019	6.5
20	MP BETA2	X	-.019	1.5
21	MP GAMMA2	Y	.007	6.5
22	MP GAMMA2	Y	.007	1.5
23	MP GAMMA2	X	-.013	6.5
24	MP GAMMA2	X	-.013	1.5
25	MP ALPHA3	Y	.002	4.625
26	MP ALPHA3	Y	.002	3.375
27	MP ALPHA3	X	-.004	4.625
28	MP ALPHA3	X	-.004	3.375
29	MP BETA3	Y	.003	4.625

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
30	MP BETA3	Y	.003	3.375
31	MP BETA3	X	-.006	4.625
32	MP BETA3	X	-.006	3.375
33	MP GAMMA3	Y	.002	4.625
34	MP GAMMA3	Y	.002	3.375
35	MP GAMMA3	X	-.004	4.625
36	MP GAMMA3	X	-.004	3.375
37	MP ALPHA1	Y	.002	4
38	MP ALPHA1	X	-.004	4
39	MP BETA1	Y	.003	4
40	MP BETA1	X	-.005	4
41	MP GAMMA1	Y	.002	4
42	MP GAMMA1	X	-.004	4
43	MP ALPHA2	Y	.002	4
44	MP ALPHA2	X	-.003	4
45	MP BETA2	Y	.003	4
46	MP BETA2	X	-.005	4
47	MP GAMMA2	Y	.002	4
48	MP GAMMA2	X	-.003	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.005	5.25
2	MP ALPHA1	Y	.005	2.75
3	MP ALPHA1	X	-.003	5.25
4	MP ALPHA1	X	-.003	2.75
5	MP BETA1	Y	.005	5.25
6	MP BETA1	Y	.005	2.75
7	MP BETA1	X	-.003	5.25
8	MP BETA1	X	-.003	2.75
9	MP GAMMA1	Y	.003	5.25
10	MP GAMMA1	Y	.003	2.75
11	MP GAMMA1	X	-.002	5.25
12	MP GAMMA1	X	-.002	2.75
13	MP ALPHA2	Y	.018	6.5
14	MP ALPHA2	Y	.018	1.5
15	MP ALPHA2	X	-.01	6.5
16	MP ALPHA2	X	-.01	1.5
17	MP BETA2	Y	.018	6.5
18	MP BETA2	Y	.018	1.5
19	MP BETA2	X	-.01	6.5
20	MP BETA2	X	-.01	1.5
21	MP GAMMA2	Y	.009	6.5
22	MP GAMMA2	Y	.009	1.5
23	MP GAMMA2	X	-.005	6.5
24	MP GAMMA2	X	-.005	1.5
25	MP ALPHA3	Y	.006	4.625
26	MP ALPHA3	Y	.006	3.375
27	MP ALPHA3	X	-.003	4.625
28	MP ALPHA3	X	-.003	3.375
29	MP BETA3	Y	.006	4.625
30	MP BETA3	Y	.006	3.375
31	MP BETA3	X	-.003	4.625
32	MP BETA3	X	-.003	3.375
33	MP GAMMA3	Y	.003	4.625
34	MP GAMMA3	Y	.003	3.375

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
35	MP GAMMA3	X	-.002	4.625
36	MP GAMMA3	X	-.002	3.375
37	MP ALPHA1	Y	.005	4
38	MP ALPHA1	X	-.003	4
39	MP BETA1	Y	.005	4
40	MP BETA1	X	-.003	4
41	MP GAMMA1	Y	.004	4
42	MP GAMMA1	X	-.002	4
43	MP ALPHA2	Y	.005	4
44	MP ALPHA2	X	-.003	4
45	MP BETA2	Y	.005	4
46	MP BETA2	X	-.003	4
47	MP GAMMA2	Y	.003	4
48	MP GAMMA2	X	-.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.006	5.25
2	MP ALPHA1	Y	.006	2.75
3	MP BETA1	Y	.004	5.25
4	MP BETA1	Y	.004	2.75
5	MP GAMMA1	Y	.003	5.25
6	MP GAMMA1	Y	.003	2.75
7	MP ALPHA2	Y	.022	6.5
8	MP ALPHA2	Y	.022	1.5
9	MP BETA2	Y	.015	6.5
10	MP BETA2	Y	.015	1.5
11	MP GAMMA2	Y	.011	6.5
12	MP GAMMA2	Y	.011	1.5
13	MP ALPHA3	Y	.007	4.625
14	MP ALPHA3	Y	.007	3.375
15	MP BETA3	Y	.005	4.625
16	MP BETA3	Y	.005	3.375
17	MP GAMMA3	Y	.004	4.625
18	MP GAMMA3	Y	.004	3.375
19	MP ALPHA1	Y	.006	4
20	MP BETA1	Y	.005	4
21	MP GAMMA1	Y	.005	4
22	MP ALPHA2	Y	.006	4
23	MP BETA2	Y	.004	4
24	MP GAMMA2	Y	.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.004	5.25
2	MP ALPHA1	Y	.004	2.75
3	MP ALPHA1	X	.003	5.25
4	MP ALPHA1	X	.003	2.75
5	MP BETA1	Y	.003	5.25
6	MP BETA1	Y	.003	2.75
7	MP BETA1	X	.002	5.25
8	MP BETA1	X	.002	2.75
9	MP GAMMA1	Y	.004	5.25
10	MP GAMMA1	Y	.004	2.75
11	MP GAMMA1	X	.003	5.25
12	MP GAMMA1	X	.003	2.75

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
13	MP ALPHA2	Y	.015	6.5
14	MP ALPHA2	Y	.015	1.5
15	MP ALPHA2	X	.009	6.5
16	MP ALPHA2	X	.009	1.5
17	MP BETA2	Y	.009	6.5
18	MP BETA2	Y	.009	1.5
19	MP BETA2	X	.005	6.5
20	MP BETA2	X	.005	1.5
21	MP GAMMA2	Y	.015	6.5
22	MP GAMMA2	Y	.015	1.5
23	MP GAMMA2	X	.009	6.5
24	MP GAMMA2	X	.009	1.5
25	MP ALPHA3	Y	.005	4.625
26	MP ALPHA3	Y	.005	3.375
27	MP ALPHA3	X	.003	4.625
28	MP ALPHA3	X	.003	3.375
29	MP BETA3	Y	.003	4.625
30	MP BETA3	Y	.003	3.375
31	MP BETA3	X	.002	4.625
32	MP BETA3	X	.002	3.375
33	MP GAMMA3	Y	.005	4.625
34	MP GAMMA3	Y	.005	3.375
35	MP GAMMA3	X	.003	4.625
36	MP GAMMA3	X	.003	3.375
37	MP ALPHA1	Y	.005	4
38	MP ALPHA1	X	.003	4
39	MP BETA1	Y	.004	4
40	MP BETA1	X	.002	4
41	MP GAMMA1	Y	.005	4
42	MP GAMMA1	X	.003	4
43	MP ALPHA2	Y	.005	4
44	MP ALPHA2	X	.003	4
45	MP BETA2	Y	.003	4
46	MP BETA2	X	.002	4
47	MP GAMMA2	Y	.005	4
48	MP GAMMA2	X	.003	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.002	5.25
2	MP ALPHA1	Y	.002	2.75
3	MP ALPHA1	X	.003	5.25
4	MP ALPHA1	X	.003	2.75
5	MP BETA1	Y	.002	5.25
6	MP BETA1	Y	.002	2.75
7	MP BETA1	X	.003	5.25
8	MP BETA1	X	.003	2.75
9	MP GAMMA1	Y	.003	5.25
10	MP GAMMA1	Y	.003	2.75
11	MP GAMMA1	X	.006	5.25
12	MP GAMMA1	X	.006	2.75
13	MP ALPHA2	Y	.006	6.5
14	MP ALPHA2	Y	.006	1.5
15	MP ALPHA2	X	.01	6.5
16	MP ALPHA2	X	.01	1.5
17	MP BETA2	Y	.006	6.5

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
18	MP BETA2	Y	.006	1.5
19	MP BETA2	X	.01	6.5
20	MP BETA2	X	.01	1.5
21	MP GAMMA2	Y	.011	6.5
22	MP GAMMA2	Y	.011	1.5
23	MP GAMMA2	X	.019	6.5
24	MP GAMMA2	X	.019	1.5
25	MP ALPHA3	Y	.002	4.625
26	MP ALPHA3	Y	.002	3.375
27	MP ALPHA3	X	.003	4.625
28	MP ALPHA3	X	.003	3.375
29	MP BETA3	Y	.002	4.625
30	MP BETA3	Y	.002	3.375
31	MP BETA3	X	.003	4.625
32	MP BETA3	X	.003	3.375
33	MP GAMMA3	Y	.003	4.625
34	MP GAMMA3	Y	.003	3.375
35	MP GAMMA3	X	.006	4.625
36	MP GAMMA3	X	.006	3.375
37	MP ALPHA1	Y	.002	4
38	MP ALPHA1	X	.004	4
39	MP BETA1	Y	.002	4
40	MP BETA1	X	.004	4
41	MP GAMMA1	Y	.003	4
42	MP GAMMA1	X	.005	4
43	MP ALPHA2	Y	.002	4
44	MP ALPHA2	X	.003	4
45	MP BETA2	Y	.002	4
46	MP BETA2	X	.003	4
47	MP GAMMA2	Y	.003	4
48	MP GAMMA2	X	.005	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	.003	5.25
2	MP ALPHA1	X	.003	2.75
3	MP BETA1	X	.005	5.25
4	MP BETA1	X	.005	2.75
5	MP GAMMA1	X	.006	5.25
6	MP GAMMA1	X	.006	2.75
7	MP ALPHA2	X	.01	6.5
8	MP ALPHA2	X	.01	1.5
9	MP BETA2	X	.017	6.5
10	MP BETA2	X	.017	1.5
11	MP GAMMA2	X	.021	6.5
12	MP GAMMA2	X	.021	1.5
13	MP ALPHA3	X	.003	4.625
14	MP ALPHA3	X	.003	3.375
15	MP BETA3	X	.005	4.625
16	MP BETA3	X	.005	3.375
17	MP GAMMA3	X	.007	4.625
18	MP GAMMA3	X	.007	3.375
19	MP ALPHA1	X	.004	4
20	MP BETA1	X	.005	4
21	MP GAMMA1	X	.005	4
22	MP ALPHA2	X	.003	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
23	MP BETA2	X	.005	4
24	MP GAMMA2	X	.005	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.002	5.25
2	MP ALPHA1	Y	-.002	2.75
3	MP ALPHA1	X	.004	5.25
4	MP ALPHA1	X	.004	2.75
5	MP BETA1	Y	-.003	5.25
6	MP BETA1	Y	-.003	2.75
7	MP BETA1	X	.006	5.25
8	MP BETA1	X	.006	2.75
9	MP GAMMA1	Y	-.002	5.25
10	MP GAMMA1	Y	-.002	2.75
11	MP GAMMA1	X	.004	5.25
12	MP GAMMA1	X	.004	2.75
13	MP ALPHA2	Y	-.007	6.5
14	MP ALPHA2	Y	-.007	1.5
15	MP ALPHA2	X	.013	6.5
16	MP ALPHA2	X	.013	1.5
17	MP BETA2	Y	-.011	6.5
18	MP BETA2	Y	-.011	1.5
19	MP BETA2	X	.019	6.5
20	MP BETA2	X	.019	1.5
21	MP GAMMA2	Y	-.007	6.5
22	MP GAMMA2	Y	-.007	1.5
23	MP GAMMA2	X	.013	6.5
24	MP GAMMA2	X	.013	1.5
25	MP ALPHA3	Y	-.002	4.625
26	MP ALPHA3	Y	-.002	3.375
27	MP ALPHA3	X	.004	4.625
28	MP ALPHA3	X	.004	3.375
29	MP BETA3	Y	-.003	4.625
30	MP BETA3	Y	-.003	3.375
31	MP BETA3	X	.006	4.625
32	MP BETA3	X	.006	3.375
33	MP GAMMA3	Y	-.002	4.625
34	MP GAMMA3	Y	-.002	3.375
35	MP GAMMA3	X	.004	4.625
36	MP GAMMA3	X	.004	3.375
37	MP ALPHA1	Y	-.002	4
38	MP ALPHA1	X	.004	4
39	MP BETA1	Y	-.003	4
40	MP BETA1	X	.005	4
41	MP GAMMA1	Y	-.002	4
42	MP GAMMA1	X	.004	4
43	MP ALPHA2	Y	-.002	4
44	MP ALPHA2	X	.003	4
45	MP BETA2	Y	-.003	4
46	MP BETA2	X	.005	4
47	MP GAMMA2	Y	-.002	4
48	MP GAMMA2	X	.003	4

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

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

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.005	5.25
2	MP ALPHA1	Y	-.005	2.75
3	MP ALPHA1	X	.003	5.25
4	MP ALPHA1	X	.003	2.75
5	MP BETA1	Y	-.005	5.25
6	MP BETA1	Y	-.005	2.75
7	MP BETA1	X	.003	5.25
8	MP BETA1	X	.003	2.75
9	MP GAMMA1	Y	-.003	5.25
10	MP GAMMA1	Y	-.003	2.75
11	MP GAMMA1	X	.002	5.25
12	MP GAMMA1	X	.002	2.75
13	MP ALPHA2	Y	-.018	6.5
14	MP ALPHA2	Y	-.018	1.5
15	MP ALPHA2	X	.01	6.5
16	MP ALPHA2	X	.01	1.5
17	MP BETA2	Y	-.018	6.5
18	MP BETA2	Y	-.018	1.5
19	MP BETA2	X	.01	6.5
20	MP BETA2	X	.01	1.5
21	MP GAMMA2	Y	-.009	6.5
22	MP GAMMA2	Y	-.009	1.5
23	MP GAMMA2	X	.005	6.5
24	MP GAMMA2	X	.005	1.5
25	MP ALPHA3	Y	-.006	4.625
26	MP ALPHA3	Y	-.006	3.375
27	MP ALPHA3	X	.003	4.625
28	MP ALPHA3	X	.003	3.375
29	MP BETA3	Y	-.006	4.625
30	MP BETA3	Y	-.006	3.375
31	MP BETA3	X	.003	4.625
32	MP BETA3	X	.003	3.375
33	MP GAMMA3	Y	-.003	4.625
34	MP GAMMA3	Y	-.003	3.375
35	MP GAMMA3	X	.002	4.625
36	MP GAMMA3	X	.002	3.375
37	MP ALPHA1	Y	-.005	4
38	MP ALPHA1	X	.003	4
39	MP BETA1	Y	-.005	4
40	MP BETA1	X	.003	4
41	MP GAMMA1	Y	-.004	4
42	MP GAMMA1	X	.002	4
43	MP ALPHA2	Y	-.005	4
44	MP ALPHA2	X	.003	4
45	MP BETA2	Y	-.005	4
46	MP BETA2	X	.003	4
47	MP GAMMA2	Y	-.003	4
48	MP GAMMA2	X	.002	4

Member Point Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Z	-.044	5.25
2	MP ALPHA1	Z	-.044	2.75
3	MP BETA1	Z	-.044	5.25
4	MP BETA1	Z	-.044	2.75
5	MP GAMMA1	Z	-.044	5.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
6	MP GAMMA1	Z	-.044	2.75
7	MP ALPHA2	Z	-.138	6.5
8	MP ALPHA2	Z	-.138	1.5
9	MP BETA2	Z	-.138	6.5
10	MP BETA2	Z	-.138	1.5
11	MP GAMMA2	Z	-.138	6.5
12	MP GAMMA2	Z	-.138	1.5
13	MP ALPHA3	Z	-.055	4.625
14	MP ALPHA3	Z	-.055	3.375
15	MP BETA3	Z	-.055	4.625
16	MP BETA3	Z	-.055	3.375
17	MP GAMMA3	Z	-.055	4.625
18	MP GAMMA3	Z	-.055	3.375
19	MP ALPHA1	Z	-.065	4
20	MP BETA1	Z	-.065	4
21	MP GAMMA1	Z	-.065	4
22	MP ALPHA2	Z	-.056	4
23	MP BETA2	Z	-.056	4
24	MP GAMMA2	Z	-.056	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.022	5.25
2	MP ALPHA1	Y	-.022	2.75
3	MP BETA1	Y	-.018	5.25
4	MP BETA1	Y	-.018	2.75
5	MP GAMMA1	Y	-.012	5.25
6	MP GAMMA1	Y	-.012	2.75
7	MP ALPHA2	Y	-.067	6.5
8	MP ALPHA2	Y	-.067	1.5
9	MP BETA2	Y	-.054	6.5
10	MP BETA2	Y	-.054	1.5
11	MP GAMMA2	Y	-.033	6.5
12	MP GAMMA2	Y	-.033	1.5
13	MP ALPHA3	Y	-.022	4.625
14	MP ALPHA3	Y	-.022	3.375
15	MP BETA3	Y	-.018	4.625
16	MP BETA3	Y	-.018	3.375
17	MP GAMMA3	Y	-.011	4.625
18	MP GAMMA3	Y	-.011	3.375
19	MP ALPHA1	Y	-.02	4
20	MP BETA1	Y	-.017	4
21	MP GAMMA1	Y	-.017	4
22	MP ALPHA2	Y	-.022	4
23	MP BETA2	Y	-.015	4
24	MP GAMMA2	Y	-.015	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.014	5.25
2	MP ALPHA1	Y	-.014	2.75
3	MP ALPHA1	X	-.008	5.25
4	MP ALPHA1	X	-.008	2.75
5	MP BETA1	Y	-.011	5.25
6	MP BETA1	Y	-.011	2.75
7	MP BETA1	X	-.006	5.25

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
8	MP BETA1	X	-.006	2.75
9	MP GAMMA1	Y	-.014	5.25
10	MP GAMMA1	Y	-.014	2.75
11	MP GAMMA1	X	-.008	5.25
12	MP GAMMA1	X	-.008	2.75
13	MP ALPHA2	Y	-.042	6.5
14	MP ALPHA2	Y	-.042	1.5
15	MP ALPHA2	X	-.024	6.5
16	MP ALPHA2	X	-.024	1.5
17	MP BETA2	Y	-.031	6.5
18	MP BETA2	Y	-.031	1.5
19	MP BETA2	X	-.018	6.5
20	MP BETA2	X	-.018	1.5
21	MP GAMMA2	Y	-.042	6.5
22	MP GAMMA2	Y	-.042	1.5
23	MP GAMMA2	X	-.024	6.5
24	MP GAMMA2	X	-.024	1.5
25	MP ALPHA3	Y	-.014	4.625
26	MP ALPHA3	Y	-.014	3.375
27	MP ALPHA3	X	-.008	4.625
28	MP ALPHA3	X	-.008	3.375
29	MP BETA3	Y	-.011	4.625
30	MP BETA3	Y	-.011	3.375
31	MP BETA3	X	-.006	4.625
32	MP BETA3	X	-.006	3.375
33	MP GAMMA3	Y	-.014	4.625
34	MP GAMMA3	Y	-.014	3.375
35	MP GAMMA3	X	-.008	4.625
36	MP GAMMA3	X	-.008	3.375
37	MP ALPHA1	Y	-.017	4
38	MP ALPHA1	X	-.01	4
39	MP BETA1	Y	-.014	4
40	MP BETA1	X	-.008	4
41	MP GAMMA1	Y	-.017	4
42	MP GAMMA1	X	-.01	4
43	MP ALPHA2	Y	-.017	4
44	MP ALPHA2	X	-.01	4
45	MP BETA2	Y	-.011	4
46	MP BETA2	X	-.006	4
47	MP GAMMA2	Y	-.017	4
48	MP GAMMA2	X	-.01	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.006	5.25
2	MP ALPHA1	Y	-.006	2.75
3	MP ALPHA1	X	-.01	5.25
4	MP ALPHA1	X	-.01	2.75
5	MP BETA1	Y	-.006	5.25
6	MP BETA1	Y	-.006	2.75
7	MP BETA1	X	-.01	5.25
8	MP BETA1	X	-.01	2.75
9	MP GAMMA1	Y	-.011	5.25
10	MP GAMMA1	Y	-.011	2.75
11	MP GAMMA1	X	-.019	5.25
12	MP GAMMA1	X	-.019	2.75

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
13	MP ALPHA2	Y	-.017	6.5
14	MP ALPHA2	Y	-.017	1.5
15	MP ALPHA2	X	-.029	6.5
16	MP ALPHA2	X	-.029	1.5
17	MP BETA2	Y	-.017	6.5
18	MP BETA2	Y	-.017	1.5
19	MP BETA2	X	-.029	6.5
20	MP BETA2	X	-.029	1.5
21	MP GAMMA2	Y	-.034	6.5
22	MP GAMMA2	Y	-.034	1.5
23	MP GAMMA2	X	-.058	6.5
24	MP GAMMA2	X	-.058	1.5
25	MP ALPHA3	Y	-.006	4.625
26	MP ALPHA3	Y	-.006	3.375
27	MP ALPHA3	X	-.01	4.625
28	MP ALPHA3	X	-.01	3.375
29	MP BETA3	Y	-.006	4.625
30	MP BETA3	Y	-.006	3.375
31	MP BETA3	X	-.01	4.625
32	MP BETA3	X	-.01	3.375
33	MP GAMMA3	Y	-.011	4.625
34	MP GAMMA3	Y	-.011	3.375
35	MP GAMMA3	X	-.019	4.625
36	MP GAMMA3	X	-.019	3.375
37	MP ALPHA1	Y	-.009	4
38	MP ALPHA1	X	-.015	4
39	MP BETA1	Y	-.009	4
40	MP BETA1	X	-.015	4
41	MP GAMMA1	Y	-.01	4
42	MP GAMMA1	X	-.018	4
43	MP ALPHA2	Y	-.007	4
44	MP ALPHA2	X	-.013	4
45	MP BETA2	Y	-.007	4
46	MP BETA2	X	-.013	4
47	MP GAMMA2	Y	-.011	4
48	MP GAMMA2	X	-.019	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	-.013	5.25
2	MP ALPHA1	X	-.013	2.75
3	MP BETA1	X	-.016	5.25
4	MP BETA1	X	-.016	2.75
5	MP GAMMA1	X	-.023	5.25
6	MP GAMMA1	X	-.023	2.75
7	MP ALPHA2	X	-.035	6.5
8	MP ALPHA2	X	-.035	1.5
9	MP BETA2	X	-.049	6.5
10	MP BETA2	X	-.049	1.5
11	MP GAMMA2	X	-.069	6.5
12	MP GAMMA2	X	-.069	1.5
13	MP ALPHA3	X	-.012	4.625
14	MP ALPHA3	X	-.012	3.375
15	MP BETA3	X	-.016	4.625
16	MP BETA3	X	-.016	3.375
17	MP GAMMA3	X	-.023	4.625

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
18	MP GAMMA3	X	-.023	3.375
19	MP ALPHA1	X	-.016	4
20	MP BETA1	X	-.019	4
21	MP GAMMA1	X	-.019	4
22	MP ALPHA2	X	-.012	4
23	MP BETA2	X	-.02	4
24	MP GAMMA2	X	-.02	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.009	5.25
2	MP ALPHA1	Y	.009	2.75
3	MP ALPHA1	X	-.016	5.25
4	MP ALPHA1	X	-.016	2.75
5	MP BETA1	Y	.011	5.25
6	MP BETA1	Y	.011	2.75
7	MP BETA1	X	-.019	5.25
8	MP BETA1	X	-.019	2.75
9	MP GAMMA1	Y	.009	5.25
10	MP GAMMA1	Y	.009	2.75
11	MP GAMMA1	X	-.016	5.25
12	MP GAMMA1	X	-.016	2.75
13	MP ALPHA2	Y	.027	6.5
14	MP ALPHA2	Y	.027	1.5
15	MP ALPHA2	X	-.046	6.5
16	MP ALPHA2	X	-.046	1.5
17	MP BETA2	Y	.034	6.5
18	MP BETA2	Y	.034	1.5
19	MP BETA2	X	-.058	6.5
20	MP BETA2	X	-.058	1.5
21	MP GAMMA2	Y	.027	6.5
22	MP GAMMA2	Y	.027	1.5
23	MP GAMMA2	X	-.046	6.5
24	MP GAMMA2	X	-.046	1.5
25	MP ALPHA3	Y	.009	4.625
26	MP ALPHA3	Y	.009	3.375
27	MP ALPHA3	X	-.016	4.625
28	MP ALPHA3	X	-.016	3.375
29	MP BETA3	Y	.011	4.625
30	MP BETA3	Y	.011	3.375
31	MP BETA3	X	-.019	4.625
32	MP BETA3	X	-.019	3.375
33	MP GAMMA3	Y	.009	4.625
34	MP GAMMA3	Y	.009	3.375
35	MP GAMMA3	X	-.016	4.625
36	MP GAMMA3	X	-.016	3.375
37	MP ALPHA1	Y	.009	4
38	MP ALPHA1	X	-.015	4
39	MP BETA1	Y	.01	4
40	MP BETA1	X	-.018	4
41	MP GAMMA1	Y	.009	4
42	MP GAMMA1	X	-.015	4
43	MP ALPHA2	Y	.007	4
44	MP ALPHA2	X	-.013	4
45	MP BETA2	Y	.011	4
46	MP BETA2	X	-.019	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
47	MP GAMMA2	Y	.007	4
48	MP GAMMA2	X	-.013	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.02	5.25
2	MP ALPHA1	Y	.02	2.75
3	MP ALPHA1	X	-.011	5.25
4	MP ALPHA1	X	-.011	2.75
5	MP BETA1	Y	.02	5.25
6	MP BETA1	Y	.02	2.75
7	MP BETA1	X	-.011	5.25
8	MP BETA1	X	-.011	2.75
9	MP GAMMA1	Y	.011	5.25
10	MP GAMMA1	Y	.011	2.75
11	MP GAMMA1	X	-.006	5.25
12	MP GAMMA1	X	-.006	2.75
13	MP ALPHA2	Y	.06	6.5
14	MP ALPHA2	Y	.06	1.5
15	MP ALPHA2	X	-.035	6.5
16	MP ALPHA2	X	-.035	1.5
17	MP BETA2	Y	.06	6.5
18	MP BETA2	Y	.06	1.5
19	MP BETA2	X	-.035	6.5
20	MP BETA2	X	-.035	1.5
21	MP GAMMA2	Y	.031	6.5
22	MP GAMMA2	Y	.031	1.5
23	MP GAMMA2	X	-.018	6.5
24	MP GAMMA2	X	-.018	1.5
25	MP ALPHA3	Y	.02	4.625
26	MP ALPHA3	Y	.02	3.375
27	MP ALPHA3	X	-.012	4.625
28	MP ALPHA3	X	-.012	3.375
29	MP BETA3	Y	.02	4.625
30	MP BETA3	Y	.02	3.375
31	MP BETA3	X	-.012	4.625
32	MP BETA3	X	-.012	3.375
33	MP GAMMA3	Y	.011	4.625
34	MP GAMMA3	Y	.011	3.375
35	MP GAMMA3	X	-.006	4.625
36	MP GAMMA3	X	-.006	3.375
37	MP ALPHA1	Y	.017	4
38	MP ALPHA1	X	-.01	4
39	MP BETA1	Y	.017	4
40	MP BETA1	X	-.01	4
41	MP GAMMA1	Y	.014	4
42	MP GAMMA1	X	-.008	4
43	MP ALPHA2	Y	.017	4
44	MP ALPHA2	X	-.01	4
45	MP BETA2	Y	.017	4
46	MP BETA2	X	-.01	4
47	MP GAMMA2	Y	.011	4
48	MP GAMMA2	X	-.006	4

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

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

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.022	5.25
2	MP ALPHA1	Y	.022	2.75
3	MP BETA1	Y	.018	5.25
4	MP BETA1	Y	.018	2.75
5	MP GAMMA1	Y	.012	5.25
6	MP GAMMA1	Y	.012	2.75
7	MP ALPHA2	Y	.067	6.5
8	MP ALPHA2	Y	.067	1.5
9	MP BETA2	Y	.054	6.5
10	MP BETA2	Y	.054	1.5
11	MP GAMMA2	Y	.033	6.5
12	MP GAMMA2	Y	.033	1.5
13	MP ALPHA3	Y	.022	4.625
14	MP ALPHA3	Y	.022	3.375
15	MP BETA3	Y	.018	4.625
16	MP BETA3	Y	.018	3.375
17	MP GAMMA3	Y	.011	4.625
18	MP GAMMA3	Y	.011	3.375
19	MP ALPHA1	Y	.02	4
20	MP BETA1	Y	.017	4
21	MP GAMMA1	Y	.017	4
22	MP ALPHA2	Y	.022	4
23	MP BETA2	Y	.015	4
24	MP GAMMA2	Y	.015	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.014	5.25
2	MP ALPHA1	Y	.014	2.75
3	MP ALPHA1	X	.008	5.25
4	MP ALPHA1	X	.008	2.75
5	MP BETA1	Y	.011	5.25
6	MP BETA1	Y	.011	2.75
7	MP BETA1	X	.006	5.25
8	MP BETA1	X	.006	2.75
9	MP GAMMA1	Y	.014	5.25
10	MP GAMMA1	Y	.014	2.75
11	MP GAMMA1	X	.008	5.25
12	MP GAMMA1	X	.008	2.75
13	MP ALPHA2	Y	.042	6.5
14	MP ALPHA2	Y	.042	1.5
15	MP ALPHA2	X	.024	6.5
16	MP ALPHA2	X	.024	1.5
17	MP BETA2	Y	.031	6.5
18	MP BETA2	Y	.031	1.5
19	MP BETA2	X	.018	6.5
20	MP BETA2	X	.018	1.5
21	MP GAMMA2	Y	.042	6.5
22	MP GAMMA2	Y	.042	1.5
23	MP GAMMA2	X	.024	6.5
24	MP GAMMA2	X	.024	1.5
25	MP ALPHA3	Y	.014	4.625
26	MP ALPHA3	Y	.014	3.375
27	MP ALPHA3	X	.008	4.625
28	MP ALPHA3	X	.008	3.375
29	MP BETA3	Y	.011	4.625

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
30	MP BETA3	Y	.011	3.375
31	MP BETA3	X	.006	4.625
32	MP BETA3	X	.006	3.375
33	MP GAMMA3	Y	.014	4.625
34	MP GAMMA3	Y	.014	3.375
35	MP GAMMA3	X	.008	4.625
36	MP GAMMA3	X	.008	3.375
37	MP ALPHA1	Y	.017	4
38	MP ALPHA1	X	.01	4
39	MP BETA1	Y	.014	4
40	MP BETA1	X	.008	4
41	MP GAMMA1	Y	.017	4
42	MP GAMMA1	X	.01	4
43	MP ALPHA2	Y	.017	4
44	MP ALPHA2	X	.01	4
45	MP BETA2	Y	.011	4
46	MP BETA2	X	.006	4
47	MP GAMMA2	Y	.017	4
48	MP GAMMA2	X	.01	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.006	5.25
2	MP ALPHA1	Y	.006	2.75
3	MP ALPHA1	X	.01	5.25
4	MP ALPHA1	X	.01	2.75
5	MP BETA1	Y	.006	5.25
6	MP BETA1	Y	.006	2.75
7	MP BETA1	X	.01	5.25
8	MP BETA1	X	.01	2.75
9	MP GAMMA1	Y	.011	5.25
10	MP GAMMA1	Y	.011	2.75
11	MP GAMMA1	X	.019	5.25
12	MP GAMMA1	X	.019	2.75
13	MP ALPHA2	Y	.017	6.5
14	MP ALPHA2	Y	.017	1.5
15	MP ALPHA2	X	.029	6.5
16	MP ALPHA2	X	.029	1.5
17	MP BETA2	Y	.017	6.5
18	MP BETA2	Y	.017	1.5
19	MP BETA2	X	.029	6.5
20	MP BETA2	X	.029	1.5
21	MP GAMMA2	Y	.034	6.5
22	MP GAMMA2	Y	.034	1.5
23	MP GAMMA2	X	.058	6.5
24	MP GAMMA2	X	.058	1.5
25	MP ALPHA3	Y	.006	4.625
26	MP ALPHA3	Y	.006	3.375
27	MP ALPHA3	X	.01	4.625
28	MP ALPHA3	X	.01	3.375
29	MP BETA3	Y	.006	4.625
30	MP BETA3	Y	.006	3.375
31	MP BETA3	X	.01	4.625
32	MP BETA3	X	.01	3.375
33	MP GAMMA3	Y	.011	4.625
34	MP GAMMA3	Y	.011	3.375

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
35	MP GAMMA3	X	.019	4.625
36	MP GAMMA3	X	.019	3.375
37	MP ALPHA1	Y	.009	4
38	MP ALPHA1	X	.015	4
39	MP BETA1	Y	.009	4
40	MP BETA1	X	.015	4
41	MP GAMMA1	Y	.01	4
42	MP GAMMA1	X	.018	4
43	MP ALPHA2	Y	.007	4
44	MP ALPHA2	X	.013	4
45	MP BETA2	Y	.007	4
46	MP BETA2	X	.013	4
47	MP GAMMA2	Y	.011	4
48	MP GAMMA2	X	.019	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	.013	5.25
2	MP ALPHA1	X	.013	2.75
3	MP BETA1	X	.016	5.25
4	MP BETA1	X	.016	2.75
5	MP GAMMA1	X	.023	5.25
6	MP GAMMA1	X	.023	2.75
7	MP ALPHA2	X	.035	6.5
8	MP ALPHA2	X	.035	1.5
9	MP BETA2	X	.049	6.5
10	MP BETA2	X	.049	1.5
11	MP GAMMA2	X	.069	6.5
12	MP GAMMA2	X	.069	1.5
13	MP ALPHA3	X	.012	4.625
14	MP ALPHA3	X	.012	3.375
15	MP BETA3	X	.016	4.625
16	MP BETA3	X	.016	3.375
17	MP GAMMA3	X	.023	4.625
18	MP GAMMA3	X	.023	3.375
19	MP ALPHA1	X	.016	4
20	MP BETA1	X	.019	4
21	MP GAMMA1	X	.019	4
22	MP ALPHA2	X	.012	4
23	MP BETA2	X	.02	4
24	MP GAMMA2	X	.02	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.009	5.25
2	MP ALPHA1	Y	-.009	2.75
3	MP ALPHA1	X	.016	5.25
4	MP ALPHA1	X	.016	2.75
5	MP BETA1	Y	-.011	5.25
6	MP BETA1	Y	-.011	2.75
7	MP BETA1	X	.019	5.25
8	MP BETA1	X	.019	2.75
9	MP GAMMA1	Y	-.009	5.25
10	MP GAMMA1	Y	-.009	2.75
11	MP GAMMA1	X	.016	5.25
12	MP GAMMA1	X	.016	2.75

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
13	MP ALPHA2	Y	-.027	6.5
14	MP ALPHA2	Y	-.027	1.5
15	MP ALPHA2	X	.046	6.5
16	MP ALPHA2	X	.046	1.5
17	MP BETA2	Y	-.034	6.5
18	MP BETA2	Y	-.034	1.5
19	MP BETA2	X	.058	6.5
20	MP BETA2	X	.058	1.5
21	MP GAMMA2	Y	-.027	6.5
22	MP GAMMA2	Y	-.027	1.5
23	MP GAMMA2	X	.046	6.5
24	MP GAMMA2	X	.046	1.5
25	MP ALPHA3	Y	-.009	4.625
26	MP ALPHA3	Y	-.009	3.375
27	MP ALPHA3	X	.016	4.625
28	MP ALPHA3	X	.016	3.375
29	MP BETA3	Y	-.011	4.625
30	MP BETA3	Y	-.011	3.375
31	MP BETA3	X	.019	4.625
32	MP BETA3	X	.019	3.375
33	MP GAMMA3	Y	-.009	4.625
34	MP GAMMA3	Y	-.009	3.375
35	MP GAMMA3	X	.016	4.625
36	MP GAMMA3	X	.016	3.375
37	MP ALPHA1	Y	-.009	4
38	MP ALPHA1	X	.015	4
39	MP BETA1	Y	-.01	4
40	MP BETA1	X	.018	4
41	MP GAMMA1	Y	-.009	4
42	MP GAMMA1	X	.015	4
43	MP ALPHA2	Y	-.007	4
44	MP ALPHA2	X	.013	4
45	MP BETA2	Y	-.011	4
46	MP BETA2	X	.019	4
47	MP GAMMA2	Y	-.007	4
48	MP GAMMA2	X	.013	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.02	5.25
2	MP ALPHA1	Y	-.02	2.75
3	MP ALPHA1	X	.011	5.25
4	MP ALPHA1	X	.011	2.75
5	MP BETA1	Y	-.02	5.25
6	MP BETA1	Y	-.02	2.75
7	MP BETA1	X	.011	5.25
8	MP BETA1	X	.011	2.75
9	MP GAMMA1	Y	-.011	5.25
10	MP GAMMA1	Y	-.011	2.75
11	MP GAMMA1	X	.006	5.25
12	MP GAMMA1	X	.006	2.75
13	MP ALPHA2	Y	-.06	6.5
14	MP ALPHA2	Y	-.06	1.5
15	MP ALPHA2	X	.035	6.5
16	MP ALPHA2	X	.035	1.5
17	MP BETA2	Y	-.06	6.5

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
18	MP BETA2	Y	-.06	1.5
19	MP BETA2	X	.035	6.5
20	MP BETA2	X	.035	1.5
21	MP GAMMA2	Y	-.031	6.5
22	MP GAMMA2	Y	-.031	1.5
23	MP GAMMA2	X	.018	6.5
24	MP GAMMA2	X	.018	1.5
25	MP ALPHA3	Y	-.02	4.625
26	MP ALPHA3	Y	-.02	3.375
27	MP ALPHA3	X	.012	4.625
28	MP ALPHA3	X	.012	3.375
29	MP BETA3	Y	-.02	4.625
30	MP BETA3	Y	-.02	3.375
31	MP BETA3	X	.012	4.625
32	MP BETA3	X	.012	3.375
33	MP GAMMA3	Y	-.011	4.625
34	MP GAMMA3	Y	-.011	3.375
35	MP GAMMA3	X	.006	4.625
36	MP GAMMA3	X	.006	3.375
37	MP ALPHA1	Y	-.017	4
38	MP ALPHA1	X	.01	4
39	MP BETA1	Y	-.017	4
40	MP BETA1	X	.01	4
41	MP GAMMA1	Y	-.014	4
42	MP GAMMA1	X	.008	4
43	MP ALPHA2	Y	-.017	4
44	MP ALPHA2	X	.01	4
45	MP BETA2	Y	-.017	4
46	MP BETA2	X	.01	4
47	MP GAMMA2	Y	-.011	4
48	MP GAMMA2	X	.006	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	-.001	5.25
2	MP ALPHA1	X	-.001	2.75
3	MP BETA1	X	-.001	5.25
4	MP BETA1	X	-.001	2.75
5	MP GAMMA1	X	-.001	5.25
6	MP GAMMA1	X	-.001	2.75
7	MP ALPHA2	X	-.009	6.5
8	MP ALPHA2	X	-.009	1.5
9	MP BETA2	X	-.009	6.5
10	MP BETA2	X	-.009	1.5
11	MP GAMMA2	X	-.009	6.5
12	MP GAMMA2	X	-.009	1.5
13	MP ALPHA3	X	-.005	4.625
14	MP ALPHA3	X	-.005	3.375
15	MP BETA3	X	-.005	4.625
16	MP BETA3	X	-.005	3.375
17	MP GAMMA3	X	-.005	4.625
18	MP GAMMA3	X	-.005	3.375
19	MP ALPHA1	X	-.012	4
20	MP BETA1	X	-.012	4
21	MP GAMMA1	X	-.012	4
22	MP ALPHA2	X	-.009	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
23	MP BETA2	X	-.009	4
24	MP GAMMA2	X	-.009	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.001	5.25
2	MP ALPHA1	Y	-.001	2.75
3	MP BETA1	Y	-.001	5.25
4	MP BETA1	Y	-.001	2.75
5	MP GAMMA1	Y	-.001	5.25
6	MP GAMMA1	Y	-.001	2.75
7	MP ALPHA2	Y	-.009	6.5
8	MP ALPHA2	Y	-.009	1.5
9	MP BETA2	Y	-.009	6.5
10	MP BETA2	Y	-.009	1.5
11	MP GAMMA2	Y	-.009	6.5
12	MP GAMMA2	Y	-.009	1.5
13	MP ALPHA3	Y	-.005	4.625
14	MP ALPHA3	Y	-.005	3.375
15	MP BETA3	Y	-.005	4.625
16	MP BETA3	Y	-.005	3.375
17	MP GAMMA3	Y	-.005	4.625
18	MP GAMMA3	Y	-.005	3.375
19	MP ALPHA1	Y	-.012	4
20	MP BETA1	Y	-.012	4
21	MP GAMMA1	Y	-.012	4
22	MP ALPHA2	Y	-.009	4
23	MP BETA2	Y	-.009	4
24	MP GAMMA2	Y	-.009	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Z	-.000518	5.25
2	MP ALPHA1	Z	-.000518	2.75
3	MP BETA1	Z	-.000518	5.25
4	MP BETA1	Z	-.000518	2.75
5	MP GAMMA1	Z	-.000518	5.25
6	MP GAMMA1	Z	-.000518	2.75
7	MP ALPHA2	Z	-.004	6.5
8	MP ALPHA2	Z	-.004	1.5
9	MP BETA2	Z	-.004	6.5
10	MP BETA2	Z	-.004	1.5
11	MP GAMMA2	Z	-.004	6.5
12	MP GAMMA2	Z	-.004	1.5
13	MP ALPHA3	Z	-.002	4.625
14	MP ALPHA3	Z	-.002	3.375
15	MP BETA3	Z	-.002	4.625
16	MP BETA3	Z	-.002	3.375
17	MP GAMMA3	Z	-.002	4.625
18	MP GAMMA3	Z	-.002	3.375
19	MP ALPHA1	Z	-.005	4
20	MP BETA1	Z	-.005	4
21	MP GAMMA1	Z	-.005	4
22	MP ALPHA2	Z	-.004	4
23	MP BETA2	Z	-.004	4
24	MP GAMMA2	Z	-.004	4

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.006	-.006	0	0
2	SUP3A	PY	-.006	-.006	0	0
3	SUP2B	PY	-.006	-.006	0	0
4	SUP2A	PY	-.006	-.006	0	0
5	SUP1B	PY	-.006	-.006	0	0
6	SUP1A	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	RPL6	PY	-.018	-.018	0	0
11	RPL5	PY	-.018	-.018	0	0
12	RPL4	PY	-.018	-.018	0	0
13	RPL3	PY	-.018	-.018	0	0
14	RPL2	PY	-.018	-.018	0	0
15	RPL1	PY	-.018	-.018	0	0
16	RCORNER3	PY	-.008	-.008	0	0
17	RCORNER2	PY	-.008	-.008	0	0
18	RCORNER1	PY	-.008	-.008	0	0
19	RAIL3	PY	-.005	-.005	0	0
20	RAIL2	PY	-.005	-.005	0	0
21	RAIL1	PY	-.003	-.003	0	0
22	PLATE12	PY	-.018	-.018	0	0
23	PLATE11	PY	-.018	-.018	0	0
24	PLATE10	PY	-.018	-.018	0	0
25	PLATE9	PY	-.018	-.018	0	0
26	PLATE8	PY	-.018	-.018	0	0
27	PLATE7	PY	-.018	-.018	0	0
28	PLATE6	PY	-.018	-.018	0	0
29	PLATE5	PY	-.018	-.018	0	0
30	PLATE4	PY	-.018	-.018	0	0
31	PLATE3	PY	-.018	-.018	0	0
32	PLATE2	PY	-.018	-.018	0	0
33	PLATE1	PY	-.018	-.018	0	0
34	MP GAMMA4	PY	-.011	-.011	0	0
35	MP GAMMA3	PY	-.011	-.011	0	0
36	MP GAMMA2	PY	-.011	-.011	0	0
37	MP GAMMA1	PY	-.011	-.011	0	0
38	MP BETA4	PY	-.011	-.011	0	0
39	MP BETA3	PY	-.011	-.011	0	0
40	MP BETA2	PY	-.011	-.011	0	0
41	MP BETA1	PY	-.011	-.011	0	0
42	MP ALPHA4	PY	-.011	-.011	0	0
43	MP ALPHA3	PY	-.011	-.011	0	0
44	MP ALPHA2	PY	-.011	-.011	0	0
45	MP ALPHA1	PY	-.011	-.011	0	0
46	KICKER3	PY	-.008	-.008	0	0
47	KICKER2	PY	-.008	-.008	0	0
48	KICKER1	PY	-.008	-.008	0	0
49	FACE3	PY	-.008	-.008	0	0
50	FACE2	PY	-.008	-.008	0	0
51	FACE1	PY	-.004	-.004	0	0
52	CR3B	PY	-.008	-.008	0	0
53	CR3A	PY	-.008	-.008	0	0
54	CR2B	PY	-.008	-.008	0	0
55	CR2A	PY	-.008	-.008	0	0
56	CR1B	PY	-.008	-.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
57	CR1A	PY	-.008	-.008	0	0
58	CPL6	PY	-.018	-.018	0	0
59	CPL5	PY	-.018	-.018	0	0
60	CPL4	PY	-.018	-.018	0	0
61	CPL3	PY	-.018	-.018	0	0
62	CPL2	PY	-.018	-.018	0	0
63	CPL1	PY	-.018	-.018	0	0
64	CORNER3	PY	-.018	-.018	0	0
65	CORNER2	PY	-.018	-.018	0	0
66	CORNER1	PY	-.018	-.018	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.005	-.005	0	0
2	SUP3A	PY	-.005	-.005	0	0
3	SUP2B	PY	-.005	-.005	0	0
4	SUP2A	PY	-.005	-.005	0	0
5	SUP1B	PY	-.005	-.005	0	0
6	SUP1A	PY	-.005	-.005	0	0
7	SO3	PY	-.007	-.007	0	0
8	SO2	PY	-.007	-.007	0	0
9	SO1	PY	-.007	-.007	0	0
10	RPL6	PY	-.016	-.016	0	0
11	RPL5	PY	-.016	-.016	0	0
12	RPL4	PY	-.016	-.016	0	0
13	RPL3	PY	-.016	-.016	0	0
14	RPL2	PY	-.016	-.016	0	0
15	RPL1	PY	-.016	-.016	0	0
16	RCORNER3	PY	-.007	-.007	0	0
17	RCORNER2	PY	-.007	-.007	0	0
18	RCORNER1	PY	-.007	-.007	0	0
19	RAIL3	PY	-.005	-.005	0	0
20	RAIL2	PY	-.005	-.005	0	0
21	RAIL1	PY	-.002	-.002	0	0
22	PLATE12	PY	-.016	-.016	0	0
23	PLATE11	PY	-.016	-.016	0	0
24	PLATE10	PY	-.016	-.016	0	0
25	PLATE9	PY	-.016	-.016	0	0
26	PLATE8	PY	-.016	-.016	0	0
27	PLATE7	PY	-.016	-.016	0	0
28	PLATE6	PY	-.016	-.016	0	0
29	PLATE5	PY	-.016	-.016	0	0
30	PLATE4	PY	-.016	-.016	0	0
31	PLATE3	PY	-.016	-.016	0	0
32	PLATE2	PY	-.016	-.016	0	0
33	PLATE1	PY	-.016	-.016	0	0
34	MP GAMMA4	PY	-.009	-.009	0	0
35	MP GAMMA3	PY	-.009	-.009	0	0
36	MP GAMMA2	PY	-.009	-.009	0	0
37	MP GAMMA1	PY	-.009	-.009	0	0
38	MP BETA4	PY	-.009	-.009	0	0
39	MP BETA3	PY	-.009	-.009	0	0
40	MP BETA2	PY	-.009	-.009	0	0
41	MP BETA1	PY	-.009	-.009	0	0
42	MP ALPHA4	PY	-.009	-.009	0	0
43	MP ALPHA3	PY	-.009	-.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
44	MP ALPHA2	PY	-.009	-.009	0	0
45	MP ALPHA1	PY	-.009	-.009	0	0
46	KICKER3	PY	-.007	-.007	0	0
47	KICKER2	PY	-.007	-.007	0	0
48	KICKER1	PY	-.007	-.007	0	0
49	FACE3	PY	-.007	-.007	0	0
50	FACE2	PY	-.007	-.007	0	0
51	FACE1	PY	-.003	-.003	0	0
52	CR3B	PY	-.007	-.007	0	0
53	CR3A	PY	-.007	-.007	0	0
54	CR2B	PY	-.007	-.007	0	0
55	CR2A	PY	-.007	-.007	0	0
56	CR1B	PY	-.007	-.007	0	0
57	CR1A	PY	-.007	-.007	0	0
58	CPL6	PY	-.016	-.016	0	0
59	CPL5	PY	-.016	-.016	0	0
60	CPL4	PY	-.016	-.016	0	0
61	CPL3	PY	-.016	-.016	0	0
62	CPL2	PY	-.016	-.016	0	0
63	CPL1	PY	-.016	-.016	0	0
64	CORNER3	PY	-.016	-.016	0	0
65	CORNER2	PY	-.016	-.016	0	0
66	CORNER1	PY	-.016	-.016	0	0
67	SUP3B	PX	-.003	-.003	0	0
68	SUP3A	PX	-.003	-.003	0	0
69	SUP2B	PX	-.003	-.003	0	0
70	SUP2A	PX	-.003	-.003	0	0
71	SUP1B	PX	-.003	-.003	0	0
72	SUP1A	PX	-.003	-.003	0	0
73	SO3	PX	-.004	-.004	0	0
74	SO2	PX	-.004	-.004	0	0
75	SO1	PX	-.004	-.004	0	0
76	RPL6	PX	-.009	-.009	0	0
77	RPL5	PX	-.009	-.009	0	0
78	RPL4	PX	-.009	-.009	0	0
79	RPL3	PX	-.009	-.009	0	0
80	RPL2	PX	-.009	-.009	0	0
81	RPL1	PX	-.009	-.009	0	0
82	RCORNER3	PX	-.004	-.004	0	0
83	RCORNER2	PX	-.004	-.004	0	0
84	RCORNER1	PX	-.004	-.004	0	0
85	RAIL3	PX	-.003	-.003	0	0
86	RAIL2	PX	-.003	-.003	0	0
87	RAIL1	PX	-.001	-.001	0	0
88	PLATE12	PX	-.009	-.009	0	0
89	PLATE11	PX	-.009	-.009	0	0
90	PLATE10	PX	-.009	-.009	0	0
91	PLATE9	PX	-.009	-.009	0	0
92	PLATE8	PX	-.009	-.009	0	0
93	PLATE7	PX	-.009	-.009	0	0
94	PLATE6	PX	-.009	-.009	0	0
95	PLATE5	PX	-.009	-.009	0	0
96	PLATE4	PX	-.009	-.009	0	0
97	PLATE3	PX	-.009	-.009	0	0
98	PLATE2	PX	-.009	-.009	0	0
99	PLATE1	PX	-.009	-.009	0	0
100	MP GAMMA4	PX	-.005	-.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
101	MP GAMMA3	PX	-.005	-.005	0	0
102	MP GAMMA2	PX	-.005	-.005	0	0
103	MP GAMMA1	PX	-.005	-.005	0	0
104	MP BETA4	PX	-.005	-.005	0	0
105	MP BETA3	PX	-.005	-.005	0	0
106	MP BETA2	PX	-.005	-.005	0	0
107	MP BETA1	PX	-.005	-.005	0	0
108	MP ALPHA4	PX	-.005	-.005	0	0
109	MP ALPHA3	PX	-.005	-.005	0	0
110	MP ALPHA2	PX	-.005	-.005	0	0
111	MP ALPHA1	PX	-.005	-.005	0	0
112	KICKER3	PX	-.004	-.004	0	0
113	KICKER2	PX	-.004	-.004	0	0
114	KICKER1	PX	-.004	-.004	0	0
115	FACE3	PX	-.004	-.004	0	0
116	FACE2	PX	-.004	-.004	0	0
117	FACE1	PX	-.002	-.002	0	0
118	CR3B	PX	-.004	-.004	0	0
119	CR3A	PX	-.004	-.004	0	0
120	CR2B	PX	-.004	-.004	0	0
121	CR2A	PX	-.004	-.004	0	0
122	CR1B	PX	-.004	-.004	0	0
123	CR1A	PX	-.004	-.004	0	0
124	CPL6	PX	-.009	-.009	0	0
125	CPL5	PX	-.009	-.009	0	0
126	CPL4	PX	-.009	-.009	0	0
127	CPL3	PX	-.009	-.009	0	0
128	CPL2	PX	-.009	-.009	0	0
129	CPL1	PX	-.009	-.009	0	0
130	CORNER3	PX	-.009	-.009	0	0
131	CORNER2	PX	-.009	-.009	0	0
132	CORNER1	PX	-.009	-.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.003	-.003	0	0
2	SUP3A	PY	-.003	-.003	0	0
3	SUP2B	PY	-.003	-.003	0	0
4	SUP2A	PY	-.003	-.003	0	0
5	SUP1B	PY	-.003	-.003	0	0
6	SUP1A	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	RPL6	PY	-.009	-.009	0	0
11	RPL5	PY	-.009	-.009	0	0
12	RPL4	PY	-.009	-.009	0	0
13	RPL3	PY	-.009	-.009	0	0
14	RPL2	PY	-.009	-.009	0	0
15	RPL1	PY	-.009	-.009	0	0
16	RCORNER3	PY	-.004	-.004	0	0
17	RCORNER2	PY	-.004	-.004	0	0
18	RCORNER1	PY	-.004	-.004	0	0
19	RAIL3	PY	-.003	-.003	0	0
20	RAIL2	PY	-.003	-.003	0	0
21	RAIL1	PY	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	PLATE12	PY	-.009	-.009	0	0
23	PLATE11	PY	-.009	-.009	0	0
24	PLATE10	PY	-.009	-.009	0	0
25	PLATE9	PY	-.009	-.009	0	0
26	PLATE8	PY	-.009	-.009	0	0
27	PLATE7	PY	-.009	-.009	0	0
28	PLATE6	PY	-.009	-.009	0	0
29	PLATE5	PY	-.009	-.009	0	0
30	PLATE4	PY	-.009	-.009	0	0
31	PLATE3	PY	-.009	-.009	0	0
32	PLATE2	PY	-.009	-.009	0	0
33	PLATE1	PY	-.009	-.009	0	0
34	MP GAMMA4	PY	-.005	-.005	0	0
35	MP GAMMA3	PY	-.005	-.005	0	0
36	MP GAMMA2	PY	-.005	-.005	0	0
37	MP GAMMA1	PY	-.005	-.005	0	0
38	MP BETA4	PY	-.005	-.005	0	0
39	MP BETA3	PY	-.005	-.005	0	0
40	MP BETA2	PY	-.005	-.005	0	0
41	MP BETA1	PY	-.005	-.005	0	0
42	MP ALPHA4	PY	-.005	-.005	0	0
43	MP ALPHA3	PY	-.005	-.005	0	0
44	MP ALPHA2	PY	-.005	-.005	0	0
45	MP ALPHA1	PY	-.005	-.005	0	0
46	KICKER3	PY	-.004	-.004	0	0
47	KICKER2	PY	-.004	-.004	0	0
48	KICKER1	PY	-.004	-.004	0	0
49	FACE3	PY	-.004	-.004	0	0
50	FACE2	PY	-.004	-.004	0	0
51	FACE1	PY	-.002	-.002	0	0
52	CR3B	PY	-.004	-.004	0	0
53	CR3A	PY	-.004	-.004	0	0
54	CR2B	PY	-.004	-.004	0	0
55	CR2A	PY	-.004	-.004	0	0
56	CR1B	PY	-.004	-.004	0	0
57	CR1A	PY	-.004	-.004	0	0
58	CPL6	PY	-.009	-.009	0	0
59	CPL5	PY	-.009	-.009	0	0
60	CPL4	PY	-.009	-.009	0	0
61	CPL3	PY	-.009	-.009	0	0
62	CPL2	PY	-.009	-.009	0	0
63	CPL1	PY	-.009	-.009	0	0
64	CORNER3	PY	-.009	-.009	0	0
65	CORNER2	PY	-.009	-.009	0	0
66	CORNER1	PY	-.009	-.009	0	0
67	SUP3B	PX	-.005	-.005	0	0
68	SUP3A	PX	-.005	-.005	0	0
69	SUP2B	PX	-.005	-.005	0	0
70	SUP2A	PX	-.005	-.005	0	0
71	SUP1B	PX	-.005	-.005	0	0
72	SUP1A	PX	-.005	-.005	0	0
73	SO3	PX	-.007	-.007	0	0
74	SO2	PX	-.007	-.007	0	0
75	SO1	PX	-.007	-.007	0	0
76	RPL6	PX	-.016	-.016	0	0
77	RPL5	PX	-.016	-.016	0	0
78	RPL4	PX	-.016	-.016	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	RPL3	PX	-.016	-.016	0	0
80	RPL2	PX	-.016	-.016	0	0
81	RPL1	PX	-.016	-.016	0	0
82	RCORNER3	PX	-.007	-.007	0	0
83	RCORNER2	PX	-.007	-.007	0	0
84	RCORNER1	PX	-.007	-.007	0	0
85	RAIL3	PX	-.005	-.005	0	0
86	RAIL2	PX	-.005	-.005	0	0
87	RAIL1	PX	-.002	-.002	0	0
88	PLATE12	PX	-.016	-.016	0	0
89	PLATE11	PX	-.016	-.016	0	0
90	PLATE10	PX	-.016	-.016	0	0
91	PLATE9	PX	-.016	-.016	0	0
92	PLATE8	PX	-.016	-.016	0	0
93	PLATE7	PX	-.016	-.016	0	0
94	PLATE6	PX	-.016	-.016	0	0
95	PLATE5	PX	-.016	-.016	0	0
96	PLATE4	PX	-.016	-.016	0	0
97	PLATE3	PX	-.016	-.016	0	0
98	PLATE2	PX	-.016	-.016	0	0
99	PLATE1	PX	-.016	-.016	0	0
100	MP GAMMA4	PX	-.009	-.009	0	0
101	MP GAMMA3	PX	-.009	-.009	0	0
102	MP GAMMA2	PX	-.009	-.009	0	0
103	MP GAMMA1	PX	-.009	-.009	0	0
104	MP BETA4	PX	-.009	-.009	0	0
105	MP BETA3	PX	-.009	-.009	0	0
106	MP BETA2	PX	-.009	-.009	0	0
107	MP BETA1	PX	-.009	-.009	0	0
108	MP ALPHA4	PX	-.009	-.009	0	0
109	MP ALPHA3	PX	-.009	-.009	0	0
110	MP ALPHA2	PX	-.009	-.009	0	0
111	MP ALPHA1	PX	-.009	-.009	0	0
112	KICKER3	PX	-.007	-.007	0	0
113	KICKER2	PX	-.007	-.007	0	0
114	KICKER1	PX	-.007	-.007	0	0
115	FACE3	PX	-.007	-.007	0	0
116	FACE2	PX	-.007	-.007	0	0
117	FACE1	PX	-.003	-.003	0	0
118	CR3B	PX	-.007	-.007	0	0
119	CR3A	PX	-.007	-.007	0	0
120	CR2B	PX	-.007	-.007	0	0
121	CR2A	PX	-.007	-.007	0	0
122	CR1B	PX	-.007	-.007	0	0
123	CR1A	PX	-.007	-.007	0	0
124	CPL6	PX	-.016	-.016	0	0
125	CPL5	PX	-.016	-.016	0	0
126	CPL4	PX	-.016	-.016	0	0
127	CPL3	PX	-.016	-.016	0	0
128	CPL2	PX	-.016	-.016	0	0
129	CPL1	PX	-.016	-.016	0	0
130	CORNER3	PX	-.016	-.016	0	0
131	CORNER2	PX	-.016	-.016	0	0
132	CORNER1	PX	-.016	-.016	0	0

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

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

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PX	-.006	-.006	0	0
2	SUP3A	PX	-.006	-.006	0	0
3	SUP2B	PX	-.006	-.006	0	0
4	SUP2A	PX	-.006	-.006	0	0
5	SUP1B	PX	-.006	-.006	0	0
6	SUP1A	PX	-.006	-.006	0	0
7	SO3	PX	-.008	-.008	0	0
8	SO2	PX	-.008	-.008	0	0
9	SO1	PX	-.008	-.008	0	0
10	RPL6	PX	-.018	-.018	0	0
11	RPL5	PX	-.018	-.018	0	0
12	RPL4	PX	-.018	-.018	0	0
13	RPL3	PX	-.018	-.018	0	0
14	RPL2	PX	-.018	-.018	0	0
15	RPL1	PX	-.018	-.018	0	0
16	RCORNER3	PX	-.008	-.008	0	0
17	RCORNER2	PX	-.008	-.008	0	0
18	RCORNER1	PX	-.008	-.008	0	0
19	RAIL1	PX	-.005	-.005	0	0
20	RAIL3	PX	-.005	-.005	0	0
21	RAIL2	PX	-.003	-.003	0	0
22	PLATE12	PX	-.018	-.018	0	0
23	PLATE11	PX	-.018	-.018	0	0
24	PLATE10	PX	-.018	-.018	0	0
25	PLATE9	PX	-.018	-.018	0	0
26	PLATE8	PX	-.018	-.018	0	0
27	PLATE7	PX	-.018	-.018	0	0
28	PLATE6	PX	-.018	-.018	0	0
29	PLATE5	PX	-.018	-.018	0	0
30	PLATE4	PX	-.018	-.018	0	0
31	PLATE3	PX	-.018	-.018	0	0
32	PLATE2	PX	-.018	-.018	0	0
33	PLATE1	PX	-.018	-.018	0	0
34	MP GAMMA4	PX	-.011	-.011	0	0
35	MP GAMMA3	PX	-.011	-.011	0	0
36	MP GAMMA2	PX	-.011	-.011	0	0
37	MP GAMMA1	PX	-.011	-.011	0	0
38	MP BETA4	PX	-.011	-.011	0	0
39	MP BETA3	PX	-.011	-.011	0	0
40	MP BETA2	PX	-.011	-.011	0	0
41	MP BETA1	PX	-.011	-.011	0	0
42	MP ALPHA4	PX	-.011	-.011	0	0
43	MP ALPHA3	PX	-.011	-.011	0	0
44	MP ALPHA2	PX	-.011	-.011	0	0
45	MP ALPHA1	PX	-.011	-.011	0	0
46	KICKER3	PX	-.008	-.008	0	0
47	KICKER2	PX	-.008	-.008	0	0
48	KICKER1	PX	-.008	-.008	0	0
49	FACE1	PX	-.008	-.008	0	0
50	FACE3	PX	-.008	-.008	0	0
51	FACE2	PX	-.004	-.004	0	0
52	CR3B	PX	-.008	-.008	0	0
53	CR3A	PX	-.008	-.008	0	0
54	CR2B	PX	-.008	-.008	0	0
55	CR2A	PX	-.008	-.008	0	0
56	CR1B	PX	-.008	-.008	0	0
57	CR1A	PX	-.008	-.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	CPL6	PX	-.018	-.018	0	0
59	CPL5	PX	-.018	-.018	0	0
60	CPL4	PX	-.018	-.018	0	0
61	CPL3	PX	-.018	-.018	0	0
62	CPL2	PX	-.018	-.018	0	0
63	CPL1	PX	-.018	-.018	0	0
64	CORNER3	PX	-.018	-.018	0	0
65	CORNER2	PX	-.018	-.018	0	0
66	CORNER1	PX	-.018	-.018	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.003	.003	0	0
2	SUP3A	PY	.003	.003	0	0
3	SUP2B	PY	.003	.003	0	0
4	SUP2A	PY	.003	.003	0	0
5	SUP1B	PY	.003	.003	0	0
6	SUP1A	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	RPL6	PY	.009	.009	0	0
11	RPL5	PY	.009	.009	0	0
12	RPL4	PY	.009	.009	0	0
13	RPL3	PY	.009	.009	0	0
14	RPL2	PY	.009	.009	0	0
15	RPL1	PY	.009	.009	0	0
16	RCORNER3	PY	.004	.004	0	0
17	RCORNER2	PY	.004	.004	0	0
18	RCORNER1	PY	.004	.004	0	0
19	RAIL1	PY	.003	.003	0	0
20	RAIL3	PY	.003	.003	0	0
21	RAIL2	PY	.001	.001	0	0
22	PLATE12	PY	.009	.009	0	0
23	PLATE11	PY	.009	.009	0	0
24	PLATE10	PY	.009	.009	0	0
25	PLATE9	PY	.009	.009	0	0
26	PLATE8	PY	.009	.009	0	0
27	PLATE7	PY	.009	.009	0	0
28	PLATE6	PY	.009	.009	0	0
29	PLATE5	PY	.009	.009	0	0
30	PLATE4	PY	.009	.009	0	0
31	PLATE3	PY	.009	.009	0	0
32	PLATE2	PY	.009	.009	0	0
33	PLATE1	PY	.009	.009	0	0
34	MP GAMMA4	PY	.005	.005	0	0
35	MP GAMMA3	PY	.005	.005	0	0
36	MP GAMMA2	PY	.005	.005	0	0
37	MP GAMMA1	PY	.005	.005	0	0
38	MP BETA4	PY	.005	.005	0	0
39	MP BETA3	PY	.005	.005	0	0
40	MP BETA2	PY	.005	.005	0	0
41	MP BETA1	PY	.005	.005	0	0
42	MP ALPHA4	PY	.005	.005	0	0
43	MP ALPHA3	PY	.005	.005	0	0
44	MP ALPHA2	PY	.005	.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	MP ALPHA1	PY	.005	.005	0	0
46	KICKER3	PY	.004	.004	0	0
47	KICKER2	PY	.004	.004	0	0
48	KICKER1	PY	.004	.004	0	0
49	FACE1	PY	.004	.004	0	0
50	FACE3	PY	.004	.004	0	0
51	FACE2	PY	.002	.002	0	0
52	CR3B	PY	.004	.004	0	0
53	CR3A	PY	.004	.004	0	0
54	CR2B	PY	.004	.004	0	0
55	CR2A	PY	.004	.004	0	0
56	CR1B	PY	.004	.004	0	0
57	CR1A	PY	.004	.004	0	0
58	CPL6	PY	.009	.009	0	0
59	CPL5	PY	.009	.009	0	0
60	CPL4	PY	.009	.009	0	0
61	CPL3	PY	.009	.009	0	0
62	CPL2	PY	.009	.009	0	0
63	CPL1	PY	.009	.009	0	0
64	CORNER3	PY	.009	.009	0	0
65	CORNER2	PY	.009	.009	0	0
66	CORNER1	PY	.009	.009	0	0
67	SUP3B	PX	-.005	-.005	0	0
68	SUP3A	PX	-.005	-.005	0	0
69	SUP2B	PX	-.005	-.005	0	0
70	SUP2A	PX	-.005	-.005	0	0
71	SUP1B	PX	-.005	-.005	0	0
72	SUP1A	PX	-.005	-.005	0	0
73	SO3	PX	-.007	-.007	0	0
74	SO2	PX	-.007	-.007	0	0
75	SO1	PX	-.007	-.007	0	0
76	RPL6	PX	-.016	-.016	0	0
77	RPL5	PX	-.016	-.016	0	0
78	RPL4	PX	-.016	-.016	0	0
79	RPL3	PX	-.016	-.016	0	0
80	RPL2	PX	-.016	-.016	0	0
81	RPL1	PX	-.016	-.016	0	0
82	RCORNER3	PX	-.007	-.007	0	0
83	RCORNER2	PX	-.007	-.007	0	0
84	RCORNER1	PX	-.007	-.007	0	0
85	RAIL1	PX	-.005	-.005	0	0
86	RAIL3	PX	-.005	-.005	0	0
87	RAIL2	PX	-.002	-.002	0	0
88	PLATE12	PX	-.016	-.016	0	0
89	PLATE11	PX	-.016	-.016	0	0
90	PLATE10	PX	-.016	-.016	0	0
91	PLATE9	PX	-.016	-.016	0	0
92	PLATE8	PX	-.016	-.016	0	0
93	PLATE7	PX	-.016	-.016	0	0
94	PLATE6	PX	-.016	-.016	0	0
95	PLATE5	PX	-.016	-.016	0	0
96	PLATE4	PX	-.016	-.016	0	0
97	PLATE3	PX	-.016	-.016	0	0
98	PLATE2	PX	-.016	-.016	0	0
99	PLATE1	PX	-.016	-.016	0	0
100	MP GAMMA4	PX	-.009	-.009	0	0
101	MP GAMMA3	PX	-.009	-.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
102	MP GAMMA2	PX	-.009	-.009	0	0
103	MP GAMMA1	PX	-.009	-.009	0	0
104	MP BETA4	PX	-.009	-.009	0	0
105	MP BETA3	PX	-.009	-.009	0	0
106	MP BETA2	PX	-.009	-.009	0	0
107	MP BETA1	PX	-.009	-.009	0	0
108	MP ALPHA4	PX	-.009	-.009	0	0
109	MP ALPHA3	PX	-.009	-.009	0	0
110	MP ALPHA2	PX	-.009	-.009	0	0
111	MP ALPHA1	PX	-.009	-.009	0	0
112	KICKER3	PX	-.007	-.007	0	0
113	KICKER2	PX	-.007	-.007	0	0
114	KICKER1	PX	-.007	-.007	0	0
115	FACE1	PX	-.007	-.007	0	0
116	FACE3	PX	-.007	-.007	0	0
117	FACE2	PX	-.003	-.003	0	0
118	CR3B	PX	-.007	-.007	0	0
119	CR3A	PX	-.007	-.007	0	0
120	CR2B	PX	-.007	-.007	0	0
121	CR2A	PX	-.007	-.007	0	0
122	CR1B	PX	-.007	-.007	0	0
123	CR1A	PX	-.007	-.007	0	0
124	CPL6	PX	-.016	-.016	0	0
125	CPL5	PX	-.016	-.016	0	0
126	CPL4	PX	-.016	-.016	0	0
127	CPL3	PX	-.016	-.016	0	0
128	CPL2	PX	-.016	-.016	0	0
129	CPL1	PX	-.016	-.016	0	0
130	CORNER3	PX	-.016	-.016	0	0
131	CORNER2	PX	-.016	-.016	0	0
132	CORNER1	PX	-.016	-.016	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.005	.005	0	0
2	SUP3A	PY	.005	.005	0	0
3	SUP2B	PY	.005	.005	0	0
4	SUP2A	PY	.005	.005	0	0
5	SUP1B	PY	.005	.005	0	0
6	SUP1A	PY	.005	.005	0	0
7	SO3	PY	.007	.007	0	0
8	SO2	PY	.007	.007	0	0
9	SO1	PY	.007	.007	0	0
10	RPL6	PY	.016	.016	0	0
11	RPL5	PY	.016	.016	0	0
12	RPL4	PY	.016	.016	0	0
13	RPL3	PY	.016	.016	0	0
14	RPL2	PY	.016	.016	0	0
15	RPL1	PY	.016	.016	0	0
16	RCORNER3	PY	.007	.007	0	0
17	RCORNER2	PY	.007	.007	0	0
18	RCORNER1	PY	.007	.007	0	0
19	RAIL1	PY	.005	.005	0	0
20	RAIL3	PY	.005	.005	0	0
21	RAIL2	PY	.002	.002	0	0
22	PLATE12	PY	.016	.016	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	PLATE11	PY	.016	.016	0	0
24	PLATE10	PY	.016	.016	0	0
25	PLATE9	PY	.016	.016	0	0
26	PLATE8	PY	.016	.016	0	0
27	PLATE7	PY	.016	.016	0	0
28	PLATE6	PY	.016	.016	0	0
29	PLATE5	PY	.016	.016	0	0
30	PLATE4	PY	.016	.016	0	0
31	PLATE3	PY	.016	.016	0	0
32	PLATE2	PY	.016	.016	0	0
33	PLATE1	PY	.016	.016	0	0
34	MP GAMMA4	PY	.009	.009	0	0
35	MP GAMMA3	PY	.009	.009	0	0
36	MP GAMMA2	PY	.009	.009	0	0
37	MP GAMMA1	PY	.009	.009	0	0
38	MP BETA4	PY	.009	.009	0	0
39	MP BETA3	PY	.009	.009	0	0
40	MP BETA2	PY	.009	.009	0	0
41	MP BETA1	PY	.009	.009	0	0
42	MP ALPHA4	PY	.009	.009	0	0
43	MP ALPHA3	PY	.009	.009	0	0
44	MP ALPHA2	PY	.009	.009	0	0
45	MP ALPHA1	PY	.009	.009	0	0
46	KICKER3	PY	.007	.007	0	0
47	KICKER2	PY	.007	.007	0	0
48	KICKER1	PY	.007	.007	0	0
49	FACE1	PY	.007	.007	0	0
50	FACE3	PY	.007	.007	0	0
51	FACE2	PY	.003	.003	0	0
52	CR3B	PY	.007	.007	0	0
53	CR3A	PY	.007	.007	0	0
54	CR2B	PY	.007	.007	0	0
55	CR2A	PY	.007	.007	0	0
56	CR1B	PY	.007	.007	0	0
57	CR1A	PY	.007	.007	0	0
58	CPL6	PY	.016	.016	0	0
59	CPL5	PY	.016	.016	0	0
60	CPL4	PY	.016	.016	0	0
61	CPL3	PY	.016	.016	0	0
62	CPL2	PY	.016	.016	0	0
63	CPL1	PY	.016	.016	0	0
64	CORNER3	PY	.016	.016	0	0
65	CORNER2	PY	.016	.016	0	0
66	CORNER1	PY	.016	.016	0	0
67	SUP3B	PX	-.003	-.003	0	0
68	SUP3A	PX	-.003	-.003	0	0
69	SUP2B	PX	-.003	-.003	0	0
70	SUP2A	PX	-.003	-.003	0	0
71	SUP1B	PX	-.003	-.003	0	0
72	SUP1A	PX	-.003	-.003	0	0
73	SO3	PX	-.004	-.004	0	0
74	SO2	PX	-.004	-.004	0	0
75	SO1	PX	-.004	-.004	0	0
76	RPL6	PX	-.009	-.009	0	0
77	RPL5	PX	-.009	-.009	0	0
78	RPL4	PX	-.009	-.009	0	0
79	RPL3	PX	-.009	-.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	RPL2	PX	-.009	-.009	0	0
81	RPL1	PX	-.009	-.009	0	0
82	RCORNER3	PX	-.004	-.004	0	0
83	RCORNER2	PX	-.004	-.004	0	0
84	RCORNER1	PX	-.004	-.004	0	0
85	RAIL1	PX	-.003	-.003	0	0
86	RAIL3	PX	-.003	-.003	0	0
87	RAIL2	PX	-.001	-.001	0	0
88	PLATE12	PX	-.009	-.009	0	0
89	PLATE11	PX	-.009	-.009	0	0
90	PLATE10	PX	-.009	-.009	0	0
91	PLATE9	PX	-.009	-.009	0	0
92	PLATE8	PX	-.009	-.009	0	0
93	PLATE7	PX	-.009	-.009	0	0
94	PLATE6	PX	-.009	-.009	0	0
95	PLATE5	PX	-.009	-.009	0	0
96	PLATE4	PX	-.009	-.009	0	0
97	PLATE3	PX	-.009	-.009	0	0
98	PLATE2	PX	-.009	-.009	0	0
99	PLATE1	PX	-.009	-.009	0	0
100	MP GAMMA4	PX	-.005	-.005	0	0
101	MP GAMMA3	PX	-.005	-.005	0	0
102	MP GAMMA2	PX	-.005	-.005	0	0
103	MP GAMMA1	PX	-.005	-.005	0	0
104	MP BETA4	PX	-.005	-.005	0	0
105	MP BETA3	PX	-.005	-.005	0	0
106	MP BETA2	PX	-.005	-.005	0	0
107	MP BETA1	PX	-.005	-.005	0	0
108	MP ALPHA4	PX	-.005	-.005	0	0
109	MP ALPHA3	PX	-.005	-.005	0	0
110	MP ALPHA2	PX	-.005	-.005	0	0
111	MP ALPHA1	PX	-.005	-.005	0	0
112	KICKER3	PX	-.004	-.004	0	0
113	KICKER2	PX	-.004	-.004	0	0
114	KICKER1	PX	-.004	-.004	0	0
115	FACE1	PX	-.004	-.004	0	0
116	FACE3	PX	-.004	-.004	0	0
117	FACE2	PX	-.002	-.002	0	0
118	CR3B	PX	-.004	-.004	0	0
119	CR3A	PX	-.004	-.004	0	0
120	CR2B	PX	-.004	-.004	0	0
121	CR2A	PX	-.004	-.004	0	0
122	CR1B	PX	-.004	-.004	0	0
123	CR1A	PX	-.004	-.004	0	0
124	CPL6	PX	-.009	-.009	0	0
125	CPL5	PX	-.009	-.009	0	0
126	CPL4	PX	-.009	-.009	0	0
127	CPL3	PX	-.009	-.009	0	0
128	CPL2	PX	-.009	-.009	0	0
129	CPL1	PX	-.009	-.009	0	0
130	CORNER3	PX	-.009	-.009	0	0
131	CORNER2	PX	-.009	-.009	0	0
132	CORNER1	PX	-.009	-.009	0	0

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

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

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.006	.006	0	0
2	SUP3A	PY	.006	.006	0	0
3	SUP2B	PY	.006	.006	0	0
4	SUP2A	PY	.006	.006	0	0
5	SUP1B	PY	.006	.006	0	0
6	SUP1A	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	RPL6	PY	.018	.018	0	0
11	RPL5	PY	.018	.018	0	0
12	RPL4	PY	.018	.018	0	0
13	RPL3	PY	.018	.018	0	0
14	RPL2	PY	.018	.018	0	0
15	RPL1	PY	.018	.018	0	0
16	RCORNER3	PY	.008	.008	0	0
17	RCORNER2	PY	.008	.008	0	0
18	RCORNER1	PY	.008	.008	0	0
19	RAIL1	PY	.005	.005	0	0
20	RAIL3	PY	.005	.005	0	0
21	RAIL2	PY	.003	.003	0	0
22	PLATE12	PY	.018	.018	0	0
23	PLATE11	PY	.018	.018	0	0
24	PLATE10	PY	.018	.018	0	0
25	PLATE9	PY	.018	.018	0	0
26	PLATE8	PY	.018	.018	0	0
27	PLATE7	PY	.018	.018	0	0
28	PLATE6	PY	.018	.018	0	0
29	PLATE5	PY	.018	.018	0	0
30	PLATE4	PY	.018	.018	0	0
31	PLATE3	PY	.018	.018	0	0
32	PLATE2	PY	.018	.018	0	0
33	PLATE1	PY	.018	.018	0	0
34	MP GAMMA4	PY	.011	.011	0	0
35	MP GAMMA3	PY	.011	.011	0	0
36	MP GAMMA2	PY	.011	.011	0	0
37	MP GAMMA1	PY	.011	.011	0	0
38	MP BETA4	PY	.011	.011	0	0
39	MP BETA3	PY	.011	.011	0	0
40	MP BETA2	PY	.011	.011	0	0
41	MP BETA1	PY	.011	.011	0	0
42	MP ALPHA4	PY	.011	.011	0	0
43	MP ALPHA3	PY	.011	.011	0	0
44	MP ALPHA2	PY	.011	.011	0	0
45	MP ALPHA1	PY	.011	.011	0	0
46	KICKER3	PY	.008	.008	0	0
47	KICKER2	PY	.008	.008	0	0
48	KICKER1	PY	.008	.008	0	0
49	FACE1	PY	.008	.008	0	0
50	FACE3	PY	.008	.008	0	0
51	FACE2	PY	.004	.004	0	0
52	CR3B	PY	.008	.008	0	0
53	CR3A	PY	.008	.008	0	0
54	CR2B	PY	.008	.008	0	0
55	CR2A	PY	.008	.008	0	0
56	CR1B	PY	.008	.008	0	0
57	CR1A	PY	.008	.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	CPL6	PY	.018	.018	0	0
59	CPL5	PY	.018	.018	0	0
60	CPL4	PY	.018	.018	0	0
61	CPL3	PY	.018	.018	0	0
62	CPL2	PY	.018	.018	0	0
63	CPL1	PY	.018	.018	0	0
64	CORNER3	PY	.018	.018	0	0
65	CORNER2	PY	.018	.018	0	0
66	CORNER1	PY	.018	.018	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.005	.005	0	0
2	SUP3A	PY	.005	.005	0	0
3	SUP2B	PY	.005	.005	0	0
4	SUP2A	PY	.005	.005	0	0
5	SUP1B	PY	.005	.005	0	0
6	SUP1A	PY	.005	.005	0	0
7	SO3	PY	.007	.007	0	0
8	SO2	PY	.007	.007	0	0
9	SO1	PY	.007	.007	0	0
10	RPL6	PY	.016	.016	0	0
11	RPL5	PY	.016	.016	0	0
12	RPL4	PY	.016	.016	0	0
13	RPL3	PY	.016	.016	0	0
14	RPL2	PY	.016	.016	0	0
15	RPL1	PY	.016	.016	0	0
16	RCORNER3	PY	.007	.007	0	0
17	RCORNER2	PY	.007	.007	0	0
18	RCORNER1	PY	.007	.007	0	0
19	RAIL1	PY	.005	.005	0	0
20	RAIL2	PY	.005	.005	0	0
21	RAIL3	PY	.002	.002	0	0
22	PLATE12	PY	.016	.016	0	0
23	PLATE11	PY	.016	.016	0	0
24	PLATE10	PY	.016	.016	0	0
25	PLATE9	PY	.016	.016	0	0
26	PLATE8	PY	.016	.016	0	0
27	PLATE7	PY	.016	.016	0	0
28	PLATE6	PY	.016	.016	0	0
29	PLATE5	PY	.016	.016	0	0
30	PLATE4	PY	.016	.016	0	0
31	PLATE3	PY	.016	.016	0	0
32	PLATE2	PY	.016	.016	0	0
33	PLATE1	PY	.016	.016	0	0
34	MP GAMMA4	PY	.009	.009	0	0
35	MP GAMMA3	PY	.009	.009	0	0
36	MP GAMMA2	PY	.009	.009	0	0
37	MP GAMMA1	PY	.009	.009	0	0
38	MP BETA4	PY	.009	.009	0	0
39	MP BETA3	PY	.009	.009	0	0
40	MP BETA2	PY	.009	.009	0	0
41	MP BETA1	PY	.009	.009	0	0
42	MP ALPHA4	PY	.009	.009	0	0
43	MP ALPHA3	PY	.009	.009	0	0
44	MP ALPHA2	PY	.009	.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	MP ALPHA1	PY	.009	.009	0	0
46	KICKER3	PY	.007	.007	0	0
47	KICKER2	PY	.007	.007	0	0
48	KICKER1	PY	.007	.007	0	0
49	FACE1	PY	.007	.007	0	0
50	FACE2	PY	.007	.007	0	0
51	FACE3	PY	.003	.003	0	0
52	CR3B	PY	.007	.007	0	0
53	CR3A	PY	.007	.007	0	0
54	CR2B	PY	.007	.007	0	0
55	CR2A	PY	.007	.007	0	0
56	CR1B	PY	.007	.007	0	0
57	CR1A	PY	.007	.007	0	0
58	CPL6	PY	.016	.016	0	0
59	CPL5	PY	.016	.016	0	0
60	CPL4	PY	.016	.016	0	0
61	CPL3	PY	.016	.016	0	0
62	CPL2	PY	.016	.016	0	0
63	CPL1	PY	.016	.016	0	0
64	CORNER3	PY	.016	.016	0	0
65	CORNER2	PY	.016	.016	0	0
66	CORNER1	PY	.016	.016	0	0
67	SUP3B	PX	.003	.003	0	0
68	SUP3A	PX	.003	.003	0	0
69	SUP2B	PX	.003	.003	0	0
70	SUP2A	PX	.003	.003	0	0
71	SUP1B	PX	.003	.003	0	0
72	SUP1A	PX	.003	.003	0	0
73	SO3	PX	.004	.004	0	0
74	SO2	PX	.004	.004	0	0
75	SO1	PX	.004	.004	0	0
76	RPL6	PX	.009	.009	0	0
77	RPL5	PX	.009	.009	0	0
78	RPL4	PX	.009	.009	0	0
79	RPL3	PX	.009	.009	0	0
80	RPL2	PX	.009	.009	0	0
81	RPL1	PX	.009	.009	0	0
82	RCORNER3	PX	.004	.004	0	0
83	RCORNER2	PX	.004	.004	0	0
84	RCORNER1	PX	.004	.004	0	0
85	RAIL1	PX	.003	.003	0	0
86	RAIL2	PX	.003	.003	0	0
87	RAIL3	PX	.001	.001	0	0
88	PLATE12	PX	.009	.009	0	0
89	PLATE11	PX	.009	.009	0	0
90	PLATE10	PX	.009	.009	0	0
91	PLATE9	PX	.009	.009	0	0
92	PLATE8	PX	.009	.009	0	0
93	PLATE7	PX	.009	.009	0	0
94	PLATE6	PX	.009	.009	0	0
95	PLATE5	PX	.009	.009	0	0
96	PLATE4	PX	.009	.009	0	0
97	PLATE3	PX	.009	.009	0	0
98	PLATE2	PX	.009	.009	0	0
99	PLATE1	PX	.009	.009	0	0
100	MP GAMMA4	PX	.005	.005	0	0
101	MP GAMMA3	PX	.005	.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
102	MP GAMMA2	PX	.005	.005	0	0
103	MP GAMMA1	PX	.005	.005	0	0
104	MP BETA4	PX	.005	.005	0	0
105	MP BETA3	PX	.005	.005	0	0
106	MP BETA2	PX	.005	.005	0	0
107	MP BETA1	PX	.005	.005	0	0
108	MP ALPHA4	PX	.005	.005	0	0
109	MP ALPHA3	PX	.005	.005	0	0
110	MP ALPHA2	PX	.005	.005	0	0
111	MP ALPHA1	PX	.005	.005	0	0
112	KICKER3	PX	.004	.004	0	0
113	KICKER2	PX	.004	.004	0	0
114	KICKER1	PX	.004	.004	0	0
115	FACE1	PX	.004	.004	0	0
116	FACE2	PX	.004	.004	0	0
117	FACE3	PX	.002	.002	0	0
118	CR3B	PX	.004	.004	0	0
119	CR3A	PX	.004	.004	0	0
120	CR2B	PX	.004	.004	0	0
121	CR2A	PX	.004	.004	0	0
122	CR1B	PX	.004	.004	0	0
123	CR1A	PX	.004	.004	0	0
124	CPL6	PX	.009	.009	0	0
125	CPL5	PX	.009	.009	0	0
126	CPL4	PX	.009	.009	0	0
127	CPL3	PX	.009	.009	0	0
128	CPL2	PX	.009	.009	0	0
129	CPL1	PX	.009	.009	0	0
130	CORNER3	PX	.009	.009	0	0
131	CORNER2	PX	.009	.009	0	0
132	CORNER1	PX	.009	.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.003	.003	0	0
2	SUP3A	PY	.003	.003	0	0
3	SUP2B	PY	.003	.003	0	0
4	SUP2A	PY	.003	.003	0	0
5	SUP1B	PY	.003	.003	0	0
6	SUP1A	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	RPL6	PY	.009	.009	0	0
11	RPL5	PY	.009	.009	0	0
12	RPL4	PY	.009	.009	0	0
13	RPL3	PY	.009	.009	0	0
14	RPL2	PY	.009	.009	0	0
15	RPL1	PY	.009	.009	0	0
16	RCORNER3	PY	.004	.004	0	0
17	RCORNER2	PY	.004	.004	0	0
18	RCORNER1	PY	.004	.004	0	0
19	RAIL1	PY	.003	.003	0	0
20	RAIL2	PY	.003	.003	0	0
21	RAIL3	PY	.001	.001	0	0
22	PLATE12	PY	.009	.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	PLATE11	PY	.009	.009	0	0
24	PLATE10	PY	.009	.009	0	0
25	PLATE9	PY	.009	.009	0	0
26	PLATE8	PY	.009	.009	0	0
27	PLATE7	PY	.009	.009	0	0
28	PLATE6	PY	.009	.009	0	0
29	PLATE5	PY	.009	.009	0	0
30	PLATE4	PY	.009	.009	0	0
31	PLATE3	PY	.009	.009	0	0
32	PLATE2	PY	.009	.009	0	0
33	PLATE1	PY	.009	.009	0	0
34	MP GAMMA4	PY	.005	.005	0	0
35	MP GAMMA3	PY	.005	.005	0	0
36	MP GAMMA2	PY	.005	.005	0	0
37	MP GAMMA1	PY	.005	.005	0	0
38	MP BETA4	PY	.005	.005	0	0
39	MP BETA3	PY	.005	.005	0	0
40	MP BETA2	PY	.005	.005	0	0
41	MP BETA1	PY	.005	.005	0	0
42	MP ALPHA4	PY	.005	.005	0	0
43	MP ALPHA3	PY	.005	.005	0	0
44	MP ALPHA2	PY	.005	.005	0	0
45	MP ALPHA1	PY	.005	.005	0	0
46	KICKER3	PY	.004	.004	0	0
47	KICKER2	PY	.004	.004	0	0
48	KICKER1	PY	.004	.004	0	0
49	FACE1	PY	.004	.004	0	0
50	FACE2	PY	.004	.004	0	0
51	FACE3	PY	.002	.002	0	0
52	CR3B	PY	.004	.004	0	0
53	CR3A	PY	.004	.004	0	0
54	CR2B	PY	.004	.004	0	0
55	CR2A	PY	.004	.004	0	0
56	CR1B	PY	.004	.004	0	0
57	CR1A	PY	.004	.004	0	0
58	CPL6	PY	.009	.009	0	0
59	CPL5	PY	.009	.009	0	0
60	CPL4	PY	.009	.009	0	0
61	CPL3	PY	.009	.009	0	0
62	CPL2	PY	.009	.009	0	0
63	CPL1	PY	.009	.009	0	0
64	CORNER3	PY	.009	.009	0	0
65	CORNER2	PY	.009	.009	0	0
66	CORNER1	PY	.009	.009	0	0
67	SUP3B	PX	.005	.005	0	0
68	SUP3A	PX	.005	.005	0	0
69	SUP2B	PX	.005	.005	0	0
70	SUP2A	PX	.005	.005	0	0
71	SUP1B	PX	.005	.005	0	0
72	SUP1A	PX	.005	.005	0	0
73	SO3	PX	.007	.007	0	0
74	SO2	PX	.007	.007	0	0
75	SO1	PX	.007	.007	0	0
76	RPL6	PX	.016	.016	0	0
77	RPL5	PX	.016	.016	0	0
78	RPL4	PX	.016	.016	0	0
79	RPL3	PX	.016	.016	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	RPL2	PX	.016	.016	0	0
81	RPL1	PX	.016	.016	0	0
82	RCORNER3	PX	.007	.007	0	0
83	RCORNER2	PX	.007	.007	0	0
84	RCORNER1	PX	.007	.007	0	0
85	RAIL1	PX	.005	.005	0	0
86	RAIL2	PX	.005	.005	0	0
87	RAIL3	PX	.002	.002	0	0
88	PLATE12	PX	.016	.016	0	0
89	PLATE11	PX	.016	.016	0	0
90	PLATE10	PX	.016	.016	0	0
91	PLATE9	PX	.016	.016	0	0
92	PLATE8	PX	.016	.016	0	0
93	PLATE7	PX	.016	.016	0	0
94	PLATE6	PX	.016	.016	0	0
95	PLATE5	PX	.016	.016	0	0
96	PLATE4	PX	.016	.016	0	0
97	PLATE3	PX	.016	.016	0	0
98	PLATE2	PX	.016	.016	0	0
99	PLATE1	PX	.016	.016	0	0
100	MP GAMMA4	PX	.009	.009	0	0
101	MP GAMMA3	PX	.009	.009	0	0
102	MP GAMMA2	PX	.009	.009	0	0
103	MP GAMMA1	PX	.009	.009	0	0
104	MP BETA4	PX	.009	.009	0	0
105	MP BETA3	PX	.009	.009	0	0
106	MP BETA2	PX	.009	.009	0	0
107	MP BETA1	PX	.009	.009	0	0
108	MP ALPHA4	PX	.009	.009	0	0
109	MP ALPHA3	PX	.009	.009	0	0
110	MP ALPHA2	PX	.009	.009	0	0
111	MP ALPHA1	PX	.009	.009	0	0
112	KICKER3	PX	.007	.007	0	0
113	KICKER2	PX	.007	.007	0	0
114	KICKER1	PX	.007	.007	0	0
115	FACE1	PX	.007	.007	0	0
116	FACE2	PX	.007	.007	0	0
117	FACE3	PX	.003	.003	0	0
118	CR3B	PX	.007	.007	0	0
119	CR3A	PX	.007	.007	0	0
120	CR2B	PX	.007	.007	0	0
121	CR2A	PX	.007	.007	0	0
122	CR1B	PX	.007	.007	0	0
123	CR1A	PX	.007	.007	0	0
124	CPL6	PX	.016	.016	0	0
125	CPL5	PX	.016	.016	0	0
126	CPL4	PX	.016	.016	0	0
127	CPL3	PX	.016	.016	0	0
128	CPL2	PX	.016	.016	0	0
129	CPL1	PX	.016	.016	0	0
130	CORNER3	PX	.016	.016	0	0
131	CORNER2	PX	.016	.016	0	0
132	CORNER1	PX	.016	.016	0	0

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

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

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PX	.006	.006	0	0
2	SUP3A	PX	.006	.006	0	0
3	SUP2B	PX	.006	.006	0	0
4	SUP2A	PX	.006	.006	0	0
5	SUP1B	PX	.006	.006	0	0
6	SUP1A	PX	.006	.006	0	0
7	SO3	PX	.008	.008	0	0
8	SO2	PX	.008	.008	0	0
9	SO1	PX	.008	.008	0	0
10	RPL6	PX	.018	.018	0	0
11	RPL5	PX	.018	.018	0	0
12	RPL4	PX	.018	.018	0	0
13	RPL3	PX	.018	.018	0	0
14	RPL2	PX	.018	.018	0	0
15	RPL1	PX	.018	.018	0	0
16	RCORNER3	PX	.008	.008	0	0
17	RCORNER2	PX	.008	.008	0	0
18	RCORNER1	PX	.008	.008	0	0
19	RAIL1	PX	.005	.005	0	0
20	RAIL2	PX	.005	.005	0	0
21	RAIL3	PX	.003	.003	0	0
22	PLATE12	PX	.018	.018	0	0
23	PLATE11	PX	.018	.018	0	0
24	PLATE10	PX	.018	.018	0	0
25	PLATE9	PX	.018	.018	0	0
26	PLATE8	PX	.018	.018	0	0
27	PLATE7	PX	.018	.018	0	0
28	PLATE6	PX	.018	.018	0	0
29	PLATE5	PX	.018	.018	0	0
30	PLATE4	PX	.018	.018	0	0
31	PLATE3	PX	.018	.018	0	0
32	PLATE2	PX	.018	.018	0	0
33	PLATE1	PX	.018	.018	0	0
34	MP GAMMA4	PX	.011	.011	0	0
35	MP GAMMA3	PX	.011	.011	0	0
36	MP GAMMA2	PX	.011	.011	0	0
37	MP GAMMA1	PX	.011	.011	0	0
38	MP BETA4	PX	.011	.011	0	0
39	MP BETA3	PX	.011	.011	0	0
40	MP BETA2	PX	.011	.011	0	0
41	MP BETA1	PX	.011	.011	0	0
42	MP ALPHA4	PX	.011	.011	0	0
43	MP ALPHA3	PX	.011	.011	0	0
44	MP ALPHA2	PX	.011	.011	0	0
45	MP ALPHA1	PX	.011	.011	0	0
46	KICKER3	PX	.008	.008	0	0
47	KICKER2	PX	.008	.008	0	0
48	KICKER1	PX	.008	.008	0	0
49	FACE1	PX	.008	.008	0	0
50	FACE2	PX	.008	.008	0	0
51	FACE3	PX	.004	.004	0	0
52	CR3B	PX	.008	.008	0	0
53	CR3A	PX	.008	.008	0	0
54	CR2B	PX	.008	.008	0	0
55	CR2A	PX	.008	.008	0	0
56	CR1B	PX	.008	.008	0	0
57	CR1A	PX	.008	.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	CPL6	PX	.018	.018	0	0
59	CPL5	PX	.018	.018	0	0
60	CPL4	PX	.018	.018	0	0
61	CPL3	PX	.018	.018	0	0
62	CPL2	PX	.018	.018	0	0
63	CPL1	PX	.018	.018	0	0
64	CORNER3	PX	.018	.018	0	0
65	CORNER2	PX	.018	.018	0	0
66	CORNER1	PX	.018	.018	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.003	-.003	0	0
2	SUP3A	PY	-.003	-.003	0	0
3	SUP2B	PY	-.003	-.003	0	0
4	SUP2A	PY	-.003	-.003	0	0
5	SUP1B	PY	-.003	-.003	0	0
6	SUP1A	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	RPL6	PY	-.009	-.009	0	0
11	RPL5	PY	-.009	-.009	0	0
12	RPL4	PY	-.009	-.009	0	0
13	RPL3	PY	-.009	-.009	0	0
14	RPL2	PY	-.009	-.009	0	0
15	RPL1	PY	-.009	-.009	0	0
16	RCORNER3	PY	-.004	-.004	0	0
17	RCORNER2	PY	-.004	-.004	0	0
18	RCORNER1	PY	-.004	-.004	0	0
19	RAIL1	PY	-.003	-.003	0	0
20	RAIL2	PY	-.003	-.003	0	0
21	RAIL3	PY	-.001	-.001	0	0
22	PLATE12	PY	-.009	-.009	0	0
23	PLATE11	PY	-.009	-.009	0	0
24	PLATE10	PY	-.009	-.009	0	0
25	PLATE9	PY	-.009	-.009	0	0
26	PLATE8	PY	-.009	-.009	0	0
27	PLATE7	PY	-.009	-.009	0	0
28	PLATE6	PY	-.009	-.009	0	0
29	PLATE5	PY	-.009	-.009	0	0
30	PLATE4	PY	-.009	-.009	0	0
31	PLATE3	PY	-.009	-.009	0	0
32	PLATE2	PY	-.009	-.009	0	0
33	PLATE1	PY	-.009	-.009	0	0
34	MP GAMMA4	PY	-.005	-.005	0	0
35	MP GAMMA3	PY	-.005	-.005	0	0
36	MP GAMMA2	PY	-.005	-.005	0	0
37	MP GAMMA1	PY	-.005	-.005	0	0
38	MP BETA4	PY	-.005	-.005	0	0
39	MP BETA3	PY	-.005	-.005	0	0
40	MP BETA2	PY	-.005	-.005	0	0
41	MP BETA1	PY	-.005	-.005	0	0
42	MP ALPHA4	PY	-.005	-.005	0	0
43	MP ALPHA3	PY	-.005	-.005	0	0
44	MP ALPHA2	PY	-.005	-.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	MP ALPHA1	PY	-.005	-.005	0	0
46	KICKER3	PY	-.004	-.004	0	0
47	KICKER2	PY	-.004	-.004	0	0
48	KICKER1	PY	-.004	-.004	0	0
49	FACE1	PY	-.004	-.004	0	0
50	FACE2	PY	-.004	-.004	0	0
51	FACE3	PY	-.002	-.002	0	0
52	CR3B	PY	-.004	-.004	0	0
53	CR3A	PY	-.004	-.004	0	0
54	CR2B	PY	-.004	-.004	0	0
55	CR2A	PY	-.004	-.004	0	0
56	CR1B	PY	-.004	-.004	0	0
57	CR1A	PY	-.004	-.004	0	0
58	CPL6	PY	-.009	-.009	0	0
59	CPL5	PY	-.009	-.009	0	0
60	CPL4	PY	-.009	-.009	0	0
61	CPL3	PY	-.009	-.009	0	0
62	CPL2	PY	-.009	-.009	0	0
63	CPL1	PY	-.009	-.009	0	0
64	CORNER3	PY	-.009	-.009	0	0
65	CORNER2	PY	-.009	-.009	0	0
66	CORNER1	PY	-.009	-.009	0	0
67	SUP3B	PX	.005	.005	0	0
68	SUP3A	PX	.005	.005	0	0
69	SUP2B	PX	.005	.005	0	0
70	SUP2A	PX	.005	.005	0	0
71	SUP1B	PX	.005	.005	0	0
72	SUP1A	PX	.005	.005	0	0
73	SO3	PX	.007	.007	0	0
74	SO2	PX	.007	.007	0	0
75	SO1	PX	.007	.007	0	0
76	RPL6	PX	.016	.016	0	0
77	RPL5	PX	.016	.016	0	0
78	RPL4	PX	.016	.016	0	0
79	RPL3	PX	.016	.016	0	0
80	RPL2	PX	.016	.016	0	0
81	RPL1	PX	.016	.016	0	0
82	RCORNER3	PX	.007	.007	0	0
83	RCORNER2	PX	.007	.007	0	0
84	RCORNER1	PX	.007	.007	0	0
85	RAIL1	PX	.005	.005	0	0
86	RAIL2	PX	.005	.005	0	0
87	RAIL3	PX	.002	.002	0	0
88	PLATE12	PX	.016	.016	0	0
89	PLATE11	PX	.016	.016	0	0
90	PLATE10	PX	.016	.016	0	0
91	PLATE9	PX	.016	.016	0	0
92	PLATE8	PX	.016	.016	0	0
93	PLATE7	PX	.016	.016	0	0
94	PLATE6	PX	.016	.016	0	0
95	PLATE5	PX	.016	.016	0	0
96	PLATE4	PX	.016	.016	0	0
97	PLATE3	PX	.016	.016	0	0
98	PLATE2	PX	.016	.016	0	0
99	PLATE1	PX	.016	.016	0	0
100	MP GAMMA4	PX	.009	.009	0	0
101	MP GAMMA3	PX	.009	.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
102	MP GAMMA2	PX	.009	.009	0	0
103	MP GAMMA1	PX	.009	.009	0	0
104	MP BETA4	PX	.009	.009	0	0
105	MP BETA3	PX	.009	.009	0	0
106	MP BETA2	PX	.009	.009	0	0
107	MP BETA1	PX	.009	.009	0	0
108	MP ALPHA4	PX	.009	.009	0	0
109	MP ALPHA3	PX	.009	.009	0	0
110	MP ALPHA2	PX	.009	.009	0	0
111	MP ALPHA1	PX	.009	.009	0	0
112	KICKER3	PX	.007	.007	0	0
113	KICKER2	PX	.007	.007	0	0
114	KICKER1	PX	.007	.007	0	0
115	FACE1	PX	.007	.007	0	0
116	FACE2	PX	.007	.007	0	0
117	FACE3	PX	.003	.003	0	0
118	CR3B	PX	.007	.007	0	0
119	CR3A	PX	.007	.007	0	0
120	CR2B	PX	.007	.007	0	0
121	CR2A	PX	.007	.007	0	0
122	CR1B	PX	.007	.007	0	0
123	CR1A	PX	.007	.007	0	0
124	CPL6	PX	.016	.016	0	0
125	CPL5	PX	.016	.016	0	0
126	CPL4	PX	.016	.016	0	0
127	CPL3	PX	.016	.016	0	0
128	CPL2	PX	.016	.016	0	0
129	CPL1	PX	.016	.016	0	0
130	CORNER3	PX	.016	.016	0	0
131	CORNER2	PX	.016	.016	0	0
132	CORNER1	PX	.016	.016	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.005	-.005	0	0
2	SUP3A	PY	-.005	-.005	0	0
3	SUP2B	PY	-.005	-.005	0	0
4	SUP2A	PY	-.005	-.005	0	0
5	SUP1B	PY	-.005	-.005	0	0
6	SUP1A	PY	-.005	-.005	0	0
7	SO3	PY	-.007	-.007	0	0
8	SO2	PY	-.007	-.007	0	0
9	SO1	PY	-.007	-.007	0	0
10	RPL6	PY	-.016	-.016	0	0
11	RPL5	PY	-.016	-.016	0	0
12	RPL4	PY	-.016	-.016	0	0
13	RPL3	PY	-.016	-.016	0	0
14	RPL2	PY	-.016	-.016	0	0
15	RPL1	PY	-.016	-.016	0	0
16	RCORNER3	PY	-.007	-.007	0	0
17	RCORNER2	PY	-.007	-.007	0	0
18	RCORNER1	PY	-.007	-.007	0	0
19	RAIL3	PY	-.005	-.005	0	0
20	RAIL2	PY	-.005	-.005	0	0
21	RAIL1	PY	-.002	-.002	0	0
22	PLATE12	PY	-.016	-.016	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	PLATE11	PY	-.016	-.016	0	0
24	PLATE10	PY	-.016	-.016	0	0
25	PLATE9	PY	-.016	-.016	0	0
26	PLATE8	PY	-.016	-.016	0	0
27	PLATE7	PY	-.016	-.016	0	0
28	PLATE6	PY	-.016	-.016	0	0
29	PLATE5	PY	-.016	-.016	0	0
30	PLATE4	PY	-.016	-.016	0	0
31	PLATE3	PY	-.016	-.016	0	0
32	PLATE2	PY	-.016	-.016	0	0
33	PLATE1	PY	-.016	-.016	0	0
34	MP GAMMA4	PY	-.009	-.009	0	0
35	MP GAMMA3	PY	-.009	-.009	0	0
36	MP GAMMA2	PY	-.009	-.009	0	0
37	MP GAMMA1	PY	-.009	-.009	0	0
38	MP BETA4	PY	-.009	-.009	0	0
39	MP BETA3	PY	-.009	-.009	0	0
40	MP BETA2	PY	-.009	-.009	0	0
41	MP BETA1	PY	-.009	-.009	0	0
42	MP ALPHA4	PY	-.009	-.009	0	0
43	MP ALPHA3	PY	-.009	-.009	0	0
44	MP ALPHA2	PY	-.009	-.009	0	0
45	MP ALPHA1	PY	-.009	-.009	0	0
46	KICKER3	PY	-.007	-.007	0	0
47	KICKER2	PY	-.007	-.007	0	0
48	KICKER1	PY	-.007	-.007	0	0
49	FACE3	PY	-.007	-.007	0	0
50	FACE2	PY	-.007	-.007	0	0
51	FACE1	PY	-.003	-.003	0	0
52	CR3B	PY	-.007	-.007	0	0
53	CR3A	PY	-.007	-.007	0	0
54	CR2B	PY	-.007	-.007	0	0
55	CR2A	PY	-.007	-.007	0	0
56	CR1B	PY	-.007	-.007	0	0
57	CR1A	PY	-.007	-.007	0	0
58	CPL6	PY	-.016	-.016	0	0
59	CPL5	PY	-.016	-.016	0	0
60	CPL4	PY	-.016	-.016	0	0
61	CPL3	PY	-.016	-.016	0	0
62	CPL2	PY	-.016	-.016	0	0
63	CPL1	PY	-.016	-.016	0	0
64	CORNER3	PY	-.016	-.016	0	0
65	CORNER2	PY	-.016	-.016	0	0
66	CORNER1	PY	-.016	-.016	0	0
67	SUP3B	PX	.003	.003	0	0
68	SUP3A	PX	.003	.003	0	0
69	SUP2B	PX	.003	.003	0	0
70	SUP2A	PX	.003	.003	0	0
71	SUP1B	PX	.003	.003	0	0
72	SUP1A	PX	.003	.003	0	0
73	SO3	PX	.004	.004	0	0
74	SO2	PX	.004	.004	0	0
75	SO1	PX	.004	.004	0	0
76	RPL6	PX	.009	.009	0	0
77	RPL5	PX	.009	.009	0	0
78	RPL4	PX	.009	.009	0	0
79	RPL3	PX	.009	.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	RPL2	PX	.009	.009	0	0
81	RPL1	PX	.009	.009	0	0
82	RCORNER3	PX	.004	.004	0	0
83	RCORNER2	PX	.004	.004	0	0
84	RCORNER1	PX	.004	.004	0	0
85	RAIL3	PX	.003	.003	0	0
86	RAIL2	PX	.003	.003	0	0
87	RAIL1	PX	.001	.001	0	0
88	PLATE12	PX	.009	.009	0	0
89	PLATE11	PX	.009	.009	0	0
90	PLATE10	PX	.009	.009	0	0
91	PLATE9	PX	.009	.009	0	0
92	PLATE8	PX	.009	.009	0	0
93	PLATE7	PX	.009	.009	0	0
94	PLATE6	PX	.009	.009	0	0
95	PLATE5	PX	.009	.009	0	0
96	PLATE4	PX	.009	.009	0	0
97	PLATE3	PX	.009	.009	0	0
98	PLATE2	PX	.009	.009	0	0
99	PLATE1	PX	.009	.009	0	0
100	MP GAMMA4	PX	.005	.005	0	0
101	MP GAMMA3	PX	.005	.005	0	0
102	MP GAMMA2	PX	.005	.005	0	0
103	MP GAMMA1	PX	.005	.005	0	0
104	MP BETA4	PX	.005	.005	0	0
105	MP BETA3	PX	.005	.005	0	0
106	MP BETA2	PX	.005	.005	0	0
107	MP BETA1	PX	.005	.005	0	0
108	MP ALPHA4	PX	.005	.005	0	0
109	MP ALPHA3	PX	.005	.005	0	0
110	MP ALPHA2	PX	.005	.005	0	0
111	MP ALPHA1	PX	.005	.005	0	0
112	KICKER3	PX	.004	.004	0	0
113	KICKER2	PX	.004	.004	0	0
114	KICKER1	PX	.004	.004	0	0
115	FACE3	PX	.004	.004	0	0
116	FACE2	PX	.004	.004	0	0
117	FACE1	PX	.002	.002	0	0
118	CR3B	PX	.004	.004	0	0
119	CR3A	PX	.004	.004	0	0
120	CR2B	PX	.004	.004	0	0
121	CR2A	PX	.004	.004	0	0
122	CR1B	PX	.004	.004	0	0
123	CR1A	PX	.004	.004	0	0
124	CPL6	PX	.009	.009	0	0
125	CPL5	PX	.009	.009	0	0
126	CPL4	PX	.009	.009	0	0
127	CPL3	PX	.009	.009	0	0
128	CPL2	PX	.009	.009	0	0
129	CPL1	PX	.009	.009	0	0
130	CORNER3	PX	.009	.009	0	0
131	CORNER2	PX	.009	.009	0	0
132	CORNER1	PX	.009	.009	0	0

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

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

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.000368	-.000368	0	0
2	SUP3A	PY	-.000368	-.000368	0	0
3	SUP2B	PY	-.000368	-.000368	0	0
4	SUP2A	PY	-.000368	-.000368	0	0
5	SUP1B	PY	-.000368	-.000368	0	0
6	SUP1A	PY	-.000368	-.000368	0	0
7	SO3	PY	-.00046	-.00046	0	0
8	SO2	PY	-.00046	-.00046	0	0
9	SO1	PY	-.00046	-.00046	0	0
10	RPL6	PY	-.001	-.001	0	0
11	RPL5	PY	-.001	-.001	0	0
12	RPL4	PY	-.001	-.001	0	0
13	RPL3	PY	-.001	-.001	0	0
14	RPL2	PY	-.001	-.001	0	0
15	RPL1	PY	-.001	-.001	0	0
16	RCORNER3	PY	-.00046	-.00046	0	0
17	RCORNER2	PY	-.00046	-.00046	0	0
18	RCORNER1	PY	-.00046	-.00046	0	0
19	RAIL3	PY	-.000319	-.000319	0	0
20	RAIL2	PY	-.000319	-.000319	0	0
21	RAIL1	PY	-.000159	-.000159	0	0
22	PLATE12	PY	-.001	-.001	0	0
23	PLATE11	PY	-.001	-.001	0	0
24	PLATE10	PY	-.001	-.001	0	0
25	PLATE9	PY	-.001	-.001	0	0
26	PLATE8	PY	-.001	-.001	0	0
27	PLATE7	PY	-.001	-.001	0	0
28	PLATE6	PY	-.001	-.001	0	0
29	PLATE5	PY	-.001	-.001	0	0
30	PLATE4	PY	-.001	-.001	0	0
31	PLATE3	PY	-.001	-.001	0	0
32	PLATE2	PY	-.001	-.001	0	0
33	PLATE1	PY	-.001	-.001	0	0
34	MP GAMMA4	PY	-.000635	-.000635	0	0
35	MP GAMMA3	PY	-.000635	-.000635	0	0
36	MP GAMMA2	PY	-.000635	-.000635	0	0
37	MP GAMMA1	PY	-.000635	-.000635	0	0
38	MP BETA4	PY	-.000635	-.000635	0	0
39	MP BETA3	PY	-.000635	-.000635	0	0
40	MP BETA2	PY	-.000635	-.000635	0	0
41	MP BETA1	PY	-.000635	-.000635	0	0
42	MP ALPHA4	PY	-.000635	-.000635	0	0
43	MP ALPHA3	PY	-.000635	-.000635	0	0
44	MP ALPHA2	PY	-.000635	-.000635	0	0
45	MP ALPHA1	PY	-.000635	-.000635	0	0
46	KICKER3	PY	-.00046	-.00046	0	0
47	KICKER2	PY	-.00046	-.00046	0	0
48	KICKER1	PY	-.00046	-.00046	0	0
49	FACE3	PY	-.00047	-.00047	0	0
50	FACE2	PY	-.00047	-.00047	0	0
51	FACE1	PY	-.000235	-.000235	0	0
52	CR3B	PY	-.00046	-.00046	0	0
53	CR3A	PY	-.00046	-.00046	0	0
54	CR2B	PY	-.00046	-.00046	0	0
55	CR2A	PY	-.00046	-.00046	0	0
56	CR1B	PY	-.00046	-.00046	0	0
57	CR1A	PY	-.00046	-.00046	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	CPL6	PY	-.001	-.001	0	0
59	CPL5	PY	-.001	-.001	0	0
60	CPL4	PY	-.001	-.001	0	0
61	CPL3	PY	-.001	-.001	0	0
62	CPL2	PY	-.001	-.001	0	0
63	CPL1	PY	-.001	-.001	0	0
64	CORNER3	PY	-.001	-.001	0	0
65	CORNER2	PY	-.001	-.001	0	0
66	CORNER1	PY	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.000319	-.000319	0	0
2	SUP3A	PY	-.000319	-.000319	0	0
3	SUP2B	PY	-.000319	-.000319	0	0
4	SUP2A	PY	-.000319	-.000319	0	0
5	SUP1B	PY	-.000319	-.000319	0	0
6	SUP1A	PY	-.000319	-.000319	0	0
7	SO3	PY	-.000399	-.000399	0	0
8	SO2	PY	-.000399	-.000399	0	0
9	SO1	PY	-.000399	-.000399	0	0
10	RPL6	PY	-.000957	-.000957	0	0
11	RPL5	PY	-.000957	-.000957	0	0
12	RPL4	PY	-.000957	-.000957	0	0
13	RPL3	PY	-.000957	-.000957	0	0
14	RPL2	PY	-.000957	-.000957	0	0
15	RPL1	PY	-.000957	-.000957	0	0
16	RCORNER3	PY	-.000399	-.000399	0	0
17	RCORNER2	PY	-.000399	-.000399	0	0
18	RCORNER1	PY	-.000399	-.000399	0	0
19	RAIL3	PY	-.000276	-.000276	0	0
20	RAIL2	PY	-.000276	-.000276	0	0
21	RAIL1	PY	-.000138	-.000138	0	0
22	PLATE12	PY	-.000957	-.000957	0	0
23	PLATE11	PY	-.000957	-.000957	0	0
24	PLATE10	PY	-.000957	-.000957	0	0
25	PLATE9	PY	-.000957	-.000957	0	0
26	PLATE8	PY	-.000957	-.000957	0	0
27	PLATE7	PY	-.000957	-.000957	0	0
28	PLATE6	PY	-.000957	-.000957	0	0
29	PLATE5	PY	-.000957	-.000957	0	0
30	PLATE4	PY	-.000957	-.000957	0	0
31	PLATE3	PY	-.000957	-.000957	0	0
32	PLATE2	PY	-.000957	-.000957	0	0
33	PLATE1	PY	-.000957	-.000957	0	0
34	MP GAMMA4	PY	-.00055	-.00055	0	0
35	MP GAMMA3	PY	-.00055	-.00055	0	0
36	MP GAMMA2	PY	-.00055	-.00055	0	0
37	MP GAMMA1	PY	-.00055	-.00055	0	0
38	MP BETA4	PY	-.00055	-.00055	0	0
39	MP BETA3	PY	-.00055	-.00055	0	0
40	MP BETA2	PY	-.00055	-.00055	0	0
41	MP BETA1	PY	-.00055	-.00055	0	0
42	MP ALPHA4	PY	-.00055	-.00055	0	0
43	MP ALPHA3	PY	-.00055	-.00055	0	0
44	MP ALPHA2	PY	-.00055	-.00055	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	MP ALPHA1	PY	-.00055	-.00055	0	0
46	KICKER3	PY	-.000399	-.000399	0	0
47	KICKER2	PY	-.000399	-.000399	0	0
48	KICKER1	PY	-.000399	-.000399	0	0
49	FACE3	PY	-.000407	-.000407	0	0
50	FACE2	PY	-.000407	-.000407	0	0
51	FACE1	PY	-.000203	-.000203	0	0
52	CR3B	PY	-.000399	-.000399	0	0
53	CR3A	PY	-.000399	-.000399	0	0
54	CR2B	PY	-.000399	-.000399	0	0
55	CR2A	PY	-.000399	-.000399	0	0
56	CR1B	PY	-.000399	-.000399	0	0
57	CR1A	PY	-.000399	-.000399	0	0
58	CPL6	PY	-.000957	-.000957	0	0
59	CPL5	PY	-.000957	-.000957	0	0
60	CPL4	PY	-.000957	-.000957	0	0
61	CPL3	PY	-.000957	-.000957	0	0
62	CPL2	PY	-.000957	-.000957	0	0
63	CPL1	PY	-.000957	-.000957	0	0
64	CORNER3	PY	-.000957	-.000957	0	0
65	CORNER2	PY	-.000957	-.000957	0	0
66	CORNER1	PY	-.000957	-.000957	0	0
67	SUP3B	PX	-.000184	-.000184	0	0
68	SUP3A	PX	-.000184	-.000184	0	0
69	SUP2B	PX	-.000184	-.000184	0	0
70	SUP2A	PX	-.000184	-.000184	0	0
71	SUP1B	PX	-.000184	-.000184	0	0
72	SUP1A	PX	-.000184	-.000184	0	0
73	SO3	PX	-.00023	-.00023	0	0
74	SO2	PX	-.00023	-.00023	0	0
75	SO1	PX	-.00023	-.00023	0	0
76	RPL6	PX	-.000552	-.000552	0	0
77	RPL5	PX	-.000552	-.000552	0	0
78	RPL4	PX	-.000552	-.000552	0	0
79	RPL3	PX	-.000552	-.000552	0	0
80	RPL2	PX	-.000552	-.000552	0	0
81	RPL1	PX	-.000552	-.000552	0	0
82	RCORNER3	PX	-.00023	-.00023	0	0
83	RCORNER2	PX	-.00023	-.00023	0	0
84	RCORNER1	PX	-.00023	-.00023	0	0
85	RAIL3	PX	-.000159	-.000159	0	0
86	RAIL2	PX	-.000159	-.000159	0	0
87	RAIL1	PX	-8e-5	-8e-5	0	0
88	PLATE12	PX	-.000552	-.000552	0	0
89	PLATE11	PX	-.000552	-.000552	0	0
90	PLATE10	PX	-.000552	-.000552	0	0
91	PLATE9	PX	-.000552	-.000552	0	0
92	PLATE8	PX	-.000552	-.000552	0	0
93	PLATE7	PX	-.000552	-.000552	0	0
94	PLATE6	PX	-.000552	-.000552	0	0
95	PLATE5	PX	-.000552	-.000552	0	0
96	PLATE4	PX	-.000552	-.000552	0	0
97	PLATE3	PX	-.000552	-.000552	0	0
98	PLATE2	PX	-.000552	-.000552	0	0
99	PLATE1	PX	-.000552	-.000552	0	0
100	MP GAMMA4	PX	-.000318	-.000318	0	0
101	MP GAMMA3	PX	-.000318	-.000318	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
102	MP GAMMA2	PX	-.000318	-.000318	0	0
103	MP GAMMA1	PX	-.000318	-.000318	0	0
104	MP BETA4	PX	-.000318	-.000318	0	0
105	MP BETA3	PX	-.000318	-.000318	0	0
106	MP BETA2	PX	-.000318	-.000318	0	0
107	MP BETA1	PX	-.000318	-.000318	0	0
108	MP ALPHA4	PX	-.000318	-.000318	0	0
109	MP ALPHA3	PX	-.000318	-.000318	0	0
110	MP ALPHA2	PX	-.000318	-.000318	0	0
111	MP ALPHA1	PX	-.000318	-.000318	0	0
112	KICKER3	PX	-.00023	-.00023	0	0
113	KICKER2	PX	-.00023	-.00023	0	0
114	KICKER1	PX	-.00023	-.00023	0	0
115	FACE3	PX	-.000235	-.000235	0	0
116	FACE2	PX	-.000235	-.000235	0	0
117	FACE1	PX	-.000117	-.000117	0	0
118	CR3B	PX	-.00023	-.00023	0	0
119	CR3A	PX	-.00023	-.00023	0	0
120	CR2B	PX	-.00023	-.00023	0	0
121	CR2A	PX	-.00023	-.00023	0	0
122	CR1B	PX	-.00023	-.00023	0	0
123	CR1A	PX	-.00023	-.00023	0	0
124	CPL6	PX	-.000552	-.000552	0	0
125	CPL5	PX	-.000552	-.000552	0	0
126	CPL4	PX	-.000552	-.000552	0	0
127	CPL3	PX	-.000552	-.000552	0	0
128	CPL2	PX	-.000552	-.000552	0	0
129	CPL1	PX	-.000552	-.000552	0	0
130	CORNER3	PX	-.000552	-.000552	0	0
131	CORNER2	PX	-.000552	-.000552	0	0
132	CORNER1	PX	-.000552	-.000552	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.000184	-.000184	0	0
2	SUP3A	PY	-.000184	-.000184	0	0
3	SUP2B	PY	-.000184	-.000184	0	0
4	SUP2A	PY	-.000184	-.000184	0	0
5	SUP1B	PY	-.000184	-.000184	0	0
6	SUP1A	PY	-.000184	-.000184	0	0
7	SO3	PY	-.00023	-.00023	0	0
8	SO2	PY	-.00023	-.00023	0	0
9	SO1	PY	-.00023	-.00023	0	0
10	RPL6	PY	-.000552	-.000552	0	0
11	RPL5	PY	-.000552	-.000552	0	0
12	RPL4	PY	-.000552	-.000552	0	0
13	RPL3	PY	-.000552	-.000552	0	0
14	RPL2	PY	-.000552	-.000552	0	0
15	RPL1	PY	-.000552	-.000552	0	0
16	RCORNER3	PY	-.00023	-.00023	0	0
17	RCORNER2	PY	-.00023	-.00023	0	0
18	RCORNER1	PY	-.00023	-.00023	0	0
19	RAIL3	PY	-.000159	-.000159	0	0
20	RAIL2	PY	-.000159	-.000159	0	0
21	RAIL1	PY	-8e-5	-8e-5	0	0
22	PLATE12	PY	-.000552	-.000552	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	PLATE11	PY	-.000552	-.000552	0	0
24	PLATE10	PY	-.000552	-.000552	0	0
25	PLATE9	PY	-.000552	-.000552	0	0
26	PLATE8	PY	-.000552	-.000552	0	0
27	PLATE7	PY	-.000552	-.000552	0	0
28	PLATE6	PY	-.000552	-.000552	0	0
29	PLATE5	PY	-.000552	-.000552	0	0
30	PLATE4	PY	-.000552	-.000552	0	0
31	PLATE3	PY	-.000552	-.000552	0	0
32	PLATE2	PY	-.000552	-.000552	0	0
33	PLATE1	PY	-.000552	-.000552	0	0
34	MP GAMMA4	PY	-.000318	-.000318	0	0
35	MP GAMMA3	PY	-.000318	-.000318	0	0
36	MP GAMMA2	PY	-.000318	-.000318	0	0
37	MP GAMMA1	PY	-.000318	-.000318	0	0
38	MP BETA4	PY	-.000318	-.000318	0	0
39	MP BETA3	PY	-.000318	-.000318	0	0
40	MP BETA2	PY	-.000318	-.000318	0	0
41	MP BETA1	PY	-.000318	-.000318	0	0
42	MP ALPHA4	PY	-.000318	-.000318	0	0
43	MP ALPHA3	PY	-.000318	-.000318	0	0
44	MP ALPHA2	PY	-.000318	-.000318	0	0
45	MP ALPHA1	PY	-.000318	-.000318	0	0
46	KICKER3	PY	-.00023	-.00023	0	0
47	KICKER2	PY	-.00023	-.00023	0	0
48	KICKER1	PY	-.00023	-.00023	0	0
49	FACE3	PY	-.000235	-.000235	0	0
50	FACE2	PY	-.000235	-.000235	0	0
51	FACE1	PY	-.000117	-.000117	0	0
52	CR3B	PY	-.00023	-.00023	0	0
53	CR3A	PY	-.00023	-.00023	0	0
54	CR2B	PY	-.00023	-.00023	0	0
55	CR2A	PY	-.00023	-.00023	0	0
56	CR1B	PY	-.00023	-.00023	0	0
57	CR1A	PY	-.00023	-.00023	0	0
58	CPL6	PY	-.000552	-.000552	0	0
59	CPL5	PY	-.000552	-.000552	0	0
60	CPL4	PY	-.000552	-.000552	0	0
61	CPL3	PY	-.000552	-.000552	0	0
62	CPL2	PY	-.000552	-.000552	0	0
63	CPL1	PY	-.000552	-.000552	0	0
64	CORNER3	PY	-.000552	-.000552	0	0
65	CORNER2	PY	-.000552	-.000552	0	0
66	CORNER1	PY	-.000552	-.000552	0	0
67	SUP3B	PX	-.000319	-.000319	0	0
68	SUP3A	PX	-.000319	-.000319	0	0
69	SUP2B	PX	-.000319	-.000319	0	0
70	SUP2A	PX	-.000319	-.000319	0	0
71	SUP1B	PX	-.000319	-.000319	0	0
72	SUP1A	PX	-.000319	-.000319	0	0
73	SO3	PX	-.000399	-.000399	0	0
74	SO2	PX	-.000399	-.000399	0	0
75	SO1	PX	-.000399	-.000399	0	0
76	RPL6	PX	-.000957	-.000957	0	0
77	RPL5	PX	-.000957	-.000957	0	0
78	RPL4	PX	-.000957	-.000957	0	0
79	RPL3	PX	-.000957	-.000957	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	RPL2	PX	-.000957	-.000957	0	0
81	RPL1	PX	-.000957	-.000957	0	0
82	RCORNER3	PX	-.000399	-.000399	0	0
83	RCORNER2	PX	-.000399	-.000399	0	0
84	RCORNER1	PX	-.000399	-.000399	0	0
85	RAIL3	PX	-.000276	-.000276	0	0
86	RAIL2	PX	-.000276	-.000276	0	0
87	RAIL1	PX	-.000138	-.000138	0	0
88	PLATE12	PX	-.000957	-.000957	0	0
89	PLATE11	PX	-.000957	-.000957	0	0
90	PLATE10	PX	-.000957	-.000957	0	0
91	PLATE9	PX	-.000957	-.000957	0	0
92	PLATE8	PX	-.000957	-.000957	0	0
93	PLATE7	PX	-.000957	-.000957	0	0
94	PLATE6	PX	-.000957	-.000957	0	0
95	PLATE5	PX	-.000957	-.000957	0	0
96	PLATE4	PX	-.000957	-.000957	0	0
97	PLATE3	PX	-.000957	-.000957	0	0
98	PLATE2	PX	-.000957	-.000957	0	0
99	PLATE1	PX	-.000957	-.000957	0	0
100	MP GAMMA4	PX	-.00055	-.00055	0	0
101	MP GAMMA3	PX	-.00055	-.00055	0	0
102	MP GAMMA2	PX	-.00055	-.00055	0	0
103	MP GAMMA1	PX	-.00055	-.00055	0	0
104	MP BETA4	PX	-.00055	-.00055	0	0
105	MP BETA3	PX	-.00055	-.00055	0	0
106	MP BETA2	PX	-.00055	-.00055	0	0
107	MP BETA1	PX	-.00055	-.00055	0	0
108	MP ALPHA4	PX	-.00055	-.00055	0	0
109	MP ALPHA3	PX	-.00055	-.00055	0	0
110	MP ALPHA2	PX	-.00055	-.00055	0	0
111	MP ALPHA1	PX	-.00055	-.00055	0	0
112	KICKER3	PX	-.000399	-.000399	0	0
113	KICKER2	PX	-.000399	-.000399	0	0
114	KICKER1	PX	-.000399	-.000399	0	0
115	FACE3	PX	-.000407	-.000407	0	0
116	FACE2	PX	-.000407	-.000407	0	0
117	FACE1	PX	-.000203	-.000203	0	0
118	CR3B	PX	-.000399	-.000399	0	0
119	CR3A	PX	-.000399	-.000399	0	0
120	CR2B	PX	-.000399	-.000399	0	0
121	CR2A	PX	-.000399	-.000399	0	0
122	CR1B	PX	-.000399	-.000399	0	0
123	CR1A	PX	-.000399	-.000399	0	0
124	CPL6	PX	-.000957	-.000957	0	0
125	CPL5	PX	-.000957	-.000957	0	0
126	CPL4	PX	-.000957	-.000957	0	0
127	CPL3	PX	-.000957	-.000957	0	0
128	CPL2	PX	-.000957	-.000957	0	0
129	CPL1	PX	-.000957	-.000957	0	0
130	CORNER3	PX	-.000957	-.000957	0	0
131	CORNER2	PX	-.000957	-.000957	0	0
132	CORNER1	PX	-.000957	-.000957	0	0

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

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

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PX	-.000368	-.000368	0	0
2	SUP3A	PX	-.000368	-.000368	0	0
3	SUP2B	PX	-.000368	-.000368	0	0
4	SUP2A	PX	-.000368	-.000368	0	0
5	SUP1B	PX	-.000368	-.000368	0	0
6	SUP1A	PX	-.000368	-.000368	0	0
7	SO3	PX	-.00046	-.00046	0	0
8	SO2	PX	-.00046	-.00046	0	0
9	SO1	PX	-.00046	-.00046	0	0
10	RPL6	PX	-.001	-.001	0	0
11	RPL5	PX	-.001	-.001	0	0
12	RPL4	PX	-.001	-.001	0	0
13	RPL3	PX	-.001	-.001	0	0
14	RPL2	PX	-.001	-.001	0	0
15	RPL1	PX	-.001	-.001	0	0
16	RCORNER3	PX	-.00046	-.00046	0	0
17	RCORNER2	PX	-.00046	-.00046	0	0
18	RCORNER1	PX	-.00046	-.00046	0	0
19	RAIL1	PX	-.000319	-.000319	0	0
20	RAIL3	PX	-.000319	-.000319	0	0
21	RAIL2	PX	-.000159	-.000159	0	0
22	PLATE12	PX	-.001	-.001	0	0
23	PLATE11	PX	-.001	-.001	0	0
24	PLATE10	PX	-.001	-.001	0	0
25	PLATE9	PX	-.001	-.001	0	0
26	PLATE8	PX	-.001	-.001	0	0
27	PLATE7	PX	-.001	-.001	0	0
28	PLATE6	PX	-.001	-.001	0	0
29	PLATE5	PX	-.001	-.001	0	0
30	PLATE4	PX	-.001	-.001	0	0
31	PLATE3	PX	-.001	-.001	0	0
32	PLATE2	PX	-.001	-.001	0	0
33	PLATE1	PX	-.001	-.001	0	0
34	MP GAMMA4	PX	-.000635	-.000635	0	0
35	MP GAMMA3	PX	-.000635	-.000635	0	0
36	MP GAMMA2	PX	-.000635	-.000635	0	0
37	MP GAMMA1	PX	-.000635	-.000635	0	0
38	MP BETA4	PX	-.000635	-.000635	0	0
39	MP BETA3	PX	-.000635	-.000635	0	0
40	MP BETA2	PX	-.000635	-.000635	0	0
41	MP BETA1	PX	-.000635	-.000635	0	0
42	MP ALPHA4	PX	-.000635	-.000635	0	0
43	MP ALPHA3	PX	-.000635	-.000635	0	0
44	MP ALPHA2	PX	-.000635	-.000635	0	0
45	MP ALPHA1	PX	-.000635	-.000635	0	0
46	KICKER3	PX	-.00046	-.00046	0	0
47	KICKER2	PX	-.00046	-.00046	0	0
48	KICKER1	PX	-.00046	-.00046	0	0
49	FACE1	PX	-.00047	-.00047	0	0
50	FACE3	PX	-.00047	-.00047	0	0
51	FACE2	PX	-.000235	-.000235	0	0
52	CR3B	PX	-.00046	-.00046	0	0
53	CR3A	PX	-.00046	-.00046	0	0
54	CR2B	PX	-.00046	-.00046	0	0
55	CR2A	PX	-.00046	-.00046	0	0
56	CR1B	PX	-.00046	-.00046	0	0
57	CR1A	PX	-.00046	-.00046	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	CPL6	PX	-.001	-.001	0	0
59	CPL5	PX	-.001	-.001	0	0
60	CPL4	PX	-.001	-.001	0	0
61	CPL3	PX	-.001	-.001	0	0
62	CPL2	PX	-.001	-.001	0	0
63	CPL1	PX	-.001	-.001	0	0
64	CORNER3	PX	-.001	-.001	0	0
65	CORNER2	PX	-.001	-.001	0	0
66	CORNER1	PX	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.000184	.000184	0	0
2	SUP3A	PY	.000184	.000184	0	0
3	SUP2B	PY	.000184	.000184	0	0
4	SUP2A	PY	.000184	.000184	0	0
5	SUP1B	PY	.000184	.000184	0	0
6	SUP1A	PY	.000184	.000184	0	0
7	SO3	PY	.00023	.00023	0	0
8	SO2	PY	.00023	.00023	0	0
9	SO1	PY	.00023	.00023	0	0
10	RPL6	PY	.000552	.000552	0	0
11	RPL5	PY	.000552	.000552	0	0
12	RPL4	PY	.000552	.000552	0	0
13	RPL3	PY	.000552	.000552	0	0
14	RPL2	PY	.000552	.000552	0	0
15	RPL1	PY	.000552	.000552	0	0
16	RCORNER3	PY	.00023	.00023	0	0
17	RCORNER2	PY	.00023	.00023	0	0
18	RCORNER1	PY	.00023	.00023	0	0
19	RAIL1	PY	.000159	.000159	0	0
20	RAIL3	PY	.000159	.000159	0	0
21	RAIL2	PY	8e-5	8e-5	0	0
22	PLATE12	PY	.000552	.000552	0	0
23	PLATE11	PY	.000552	.000552	0	0
24	PLATE10	PY	.000552	.000552	0	0
25	PLATE9	PY	.000552	.000552	0	0
26	PLATE8	PY	.000552	.000552	0	0
27	PLATE7	PY	.000552	.000552	0	0
28	PLATE6	PY	.000552	.000552	0	0
29	PLATE5	PY	.000552	.000552	0	0
30	PLATE4	PY	.000552	.000552	0	0
31	PLATE3	PY	.000552	.000552	0	0
32	PLATE2	PY	.000552	.000552	0	0
33	PLATE1	PY	.000552	.000552	0	0
34	MP GAMMA4	PY	.000318	.000318	0	0
35	MP GAMMA3	PY	.000318	.000318	0	0
36	MP GAMMA2	PY	.000318	.000318	0	0
37	MP GAMMA1	PY	.000318	.000318	0	0
38	MP BETA4	PY	.000318	.000318	0	0
39	MP BETA3	PY	.000318	.000318	0	0
40	MP BETA2	PY	.000318	.000318	0	0
41	MP BETA1	PY	.000318	.000318	0	0
42	MP ALPHA4	PY	.000318	.000318	0	0
43	MP ALPHA3	PY	.000318	.000318	0	0
44	MP ALPHA2	PY	.000318	.000318	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	MP ALPHA1	PY	.000318	.000318	0	0
46	KICKER3	PY	.00023	.00023	0	0
47	KICKER2	PY	.00023	.00023	0	0
48	KICKER1	PY	.00023	.00023	0	0
49	FACE1	PY	.000235	.000235	0	0
50	FACE3	PY	.000235	.000235	0	0
51	FACE2	PY	.000117	.000117	0	0
52	CR3B	PY	.00023	.00023	0	0
53	CR3A	PY	.00023	.00023	0	0
54	CR2B	PY	.00023	.00023	0	0
55	CR2A	PY	.00023	.00023	0	0
56	CR1B	PY	.00023	.00023	0	0
57	CR1A	PY	.00023	.00023	0	0
58	CPL6	PY	.000552	.000552	0	0
59	CPL5	PY	.000552	.000552	0	0
60	CPL4	PY	.000552	.000552	0	0
61	CPL3	PY	.000552	.000552	0	0
62	CPL2	PY	.000552	.000552	0	0
63	CPL1	PY	.000552	.000552	0	0
64	CORNER3	PY	.000552	.000552	0	0
65	CORNER2	PY	.000552	.000552	0	0
66	CORNER1	PY	.000552	.000552	0	0
67	SUP3B	PX	-.000319	-.000319	0	0
68	SUP3A	PX	-.000319	-.000319	0	0
69	SUP2B	PX	-.000319	-.000319	0	0
70	SUP2A	PX	-.000319	-.000319	0	0
71	SUP1B	PX	-.000319	-.000319	0	0
72	SUP1A	PX	-.000319	-.000319	0	0
73	SO3	PX	-.000399	-.000399	0	0
74	SO2	PX	-.000399	-.000399	0	0
75	SO1	PX	-.000399	-.000399	0	0
76	RPL6	PX	-.000957	-.000957	0	0
77	RPL5	PX	-.000957	-.000957	0	0
78	RPL4	PX	-.000957	-.000957	0	0
79	RPL3	PX	-.000957	-.000957	0	0
80	RPL2	PX	-.000957	-.000957	0	0
81	RPL1	PX	-.000957	-.000957	0	0
82	RCORNER3	PX	-.000399	-.000399	0	0
83	RCORNER2	PX	-.000399	-.000399	0	0
84	RCORNER1	PX	-.000399	-.000399	0	0
85	RAIL1	PX	-.000276	-.000276	0	0
86	RAIL3	PX	-.000276	-.000276	0	0
87	RAIL2	PX	-.000138	-.000138	0	0
88	PLATE12	PX	-.000957	-.000957	0	0
89	PLATE11	PX	-.000957	-.000957	0	0
90	PLATE10	PX	-.000957	-.000957	0	0
91	PLATE9	PX	-.000957	-.000957	0	0
92	PLATE8	PX	-.000957	-.000957	0	0
93	PLATE7	PX	-.000957	-.000957	0	0
94	PLATE6	PX	-.000957	-.000957	0	0
95	PLATE5	PX	-.000957	-.000957	0	0
96	PLATE4	PX	-.000957	-.000957	0	0
97	PLATE3	PX	-.000957	-.000957	0	0
98	PLATE2	PX	-.000957	-.000957	0	0
99	PLATE1	PX	-.000957	-.000957	0	0
100	MP GAMMA4	PX	-.00055	-.00055	0	0
101	MP GAMMA3	PX	-.00055	-.00055	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
102	MP GAMMA2	PX	-.00055	-.00055	0	0
103	MP GAMMA1	PX	-.00055	-.00055	0	0
104	MP BETA4	PX	-.00055	-.00055	0	0
105	MP BETA3	PX	-.00055	-.00055	0	0
106	MP BETA2	PX	-.00055	-.00055	0	0
107	MP BETA1	PX	-.00055	-.00055	0	0
108	MP ALPHA4	PX	-.00055	-.00055	0	0
109	MP ALPHA3	PX	-.00055	-.00055	0	0
110	MP ALPHA2	PX	-.00055	-.00055	0	0
111	MP ALPHA1	PX	-.00055	-.00055	0	0
112	KICKER3	PX	-.000399	-.000399	0	0
113	KICKER2	PX	-.000399	-.000399	0	0
114	KICKER1	PX	-.000399	-.000399	0	0
115	FACE1	PX	-.000407	-.000407	0	0
116	FACE3	PX	-.000407	-.000407	0	0
117	FACE2	PX	-.000203	-.000203	0	0
118	CR3B	PX	-.000399	-.000399	0	0
119	CR3A	PX	-.000399	-.000399	0	0
120	CR2B	PX	-.000399	-.000399	0	0
121	CR2A	PX	-.000399	-.000399	0	0
122	CR1B	PX	-.000399	-.000399	0	0
123	CR1A	PX	-.000399	-.000399	0	0
124	CPL6	PX	-.000957	-.000957	0	0
125	CPL5	PX	-.000957	-.000957	0	0
126	CPL4	PX	-.000957	-.000957	0	0
127	CPL3	PX	-.000957	-.000957	0	0
128	CPL2	PX	-.000957	-.000957	0	0
129	CPL1	PX	-.000957	-.000957	0	0
130	CORNER3	PX	-.000957	-.000957	0	0
131	CORNER2	PX	-.000957	-.000957	0	0
132	CORNER1	PX	-.000957	-.000957	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.000319	.000319	0	0
2	SUP3A	PY	.000319	.000319	0	0
3	SUP2B	PY	.000319	.000319	0	0
4	SUP2A	PY	.000319	.000319	0	0
5	SUP1B	PY	.000319	.000319	0	0
6	SUP1A	PY	.000319	.000319	0	0
7	SO3	PY	.000399	.000399	0	0
8	SO2	PY	.000399	.000399	0	0
9	SO1	PY	.000399	.000399	0	0
10	RPL6	PY	.000957	.000957	0	0
11	RPL5	PY	.000957	.000957	0	0
12	RPL4	PY	.000957	.000957	0	0
13	RPL3	PY	.000957	.000957	0	0
14	RPL2	PY	.000957	.000957	0	0
15	RPL1	PY	.000957	.000957	0	0
16	RCORNER3	PY	.000399	.000399	0	0
17	RCORNER2	PY	.000399	.000399	0	0
18	RCORNER1	PY	.000399	.000399	0	0
19	RAIL1	PY	.000276	.000276	0	0
20	RAIL3	PY	.000276	.000276	0	0
21	RAIL2	PY	.000138	.000138	0	0
22	PLATE12	PY	.000957	.000957	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	PLATE11	PY	.000957	.000957	0	0
24	PLATE10	PY	.000957	.000957	0	0
25	PLATE9	PY	.000957	.000957	0	0
26	PLATE8	PY	.000957	.000957	0	0
27	PLATE7	PY	.000957	.000957	0	0
28	PLATE6	PY	.000957	.000957	0	0
29	PLATE5	PY	.000957	.000957	0	0
30	PLATE4	PY	.000957	.000957	0	0
31	PLATE3	PY	.000957	.000957	0	0
32	PLATE2	PY	.000957	.000957	0	0
33	PLATE1	PY	.000957	.000957	0	0
34	MP GAMMA4	PY	.00055	.00055	0	0
35	MP GAMMA3	PY	.00055	.00055	0	0
36	MP GAMMA2	PY	.00055	.00055	0	0
37	MP GAMMA1	PY	.00055	.00055	0	0
38	MP BETA4	PY	.00055	.00055	0	0
39	MP BETA3	PY	.00055	.00055	0	0
40	MP BETA2	PY	.00055	.00055	0	0
41	MP BETA1	PY	.00055	.00055	0	0
42	MP ALPHA4	PY	.00055	.00055	0	0
43	MP ALPHA3	PY	.00055	.00055	0	0
44	MP ALPHA2	PY	.00055	.00055	0	0
45	MP ALPHA1	PY	.00055	.00055	0	0
46	KICKER3	PY	.000399	.000399	0	0
47	KICKER2	PY	.000399	.000399	0	0
48	KICKER1	PY	.000399	.000399	0	0
49	FACE1	PY	.000407	.000407	0	0
50	FACE3	PY	.000407	.000407	0	0
51	FACE2	PY	.000203	.000203	0	0
52	CR3B	PY	.000399	.000399	0	0
53	CR3A	PY	.000399	.000399	0	0
54	CR2B	PY	.000399	.000399	0	0
55	CR2A	PY	.000399	.000399	0	0
56	CR1B	PY	.000399	.000399	0	0
57	CR1A	PY	.000399	.000399	0	0
58	CPL6	PY	.000957	.000957	0	0
59	CPL5	PY	.000957	.000957	0	0
60	CPL4	PY	.000957	.000957	0	0
61	CPL3	PY	.000957	.000957	0	0
62	CPL2	PY	.000957	.000957	0	0
63	CPL1	PY	.000957	.000957	0	0
64	CORNER3	PY	.000957	.000957	0	0
65	CORNER2	PY	.000957	.000957	0	0
66	CORNER1	PY	.000957	.000957	0	0
67	SUP3B	PX	-.000184	-.000184	0	0
68	SUP3A	PX	-.000184	-.000184	0	0
69	SUP2B	PX	-.000184	-.000184	0	0
70	SUP2A	PX	-.000184	-.000184	0	0
71	SUP1B	PX	-.000184	-.000184	0	0
72	SUP1A	PX	-.000184	-.000184	0	0
73	SO3	PX	-.00023	-.00023	0	0
74	SO2	PX	-.00023	-.00023	0	0
75	SO1	PX	-.00023	-.00023	0	0
76	RPL6	PX	-.000552	-.000552	0	0
77	RPL5	PX	-.000552	-.000552	0	0
78	RPL4	PX	-.000552	-.000552	0	0
79	RPL3	PX	-.000552	-.000552	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	RPL2	PX	-.000552	-.000552	0	0
81	RPL1	PX	-.000552	-.000552	0	0
82	RCORNER3	PX	-.00023	-.00023	0	0
83	RCORNER2	PX	-.00023	-.00023	0	0
84	RCORNER1	PX	-.00023	-.00023	0	0
85	RAIL1	PX	-.000159	-.000159	0	0
86	RAIL3	PX	-.000159	-.000159	0	0
87	RAIL2	PX	-8e-5	-8e-5	0	0
88	PLATE12	PX	-.000552	-.000552	0	0
89	PLATE11	PX	-.000552	-.000552	0	0
90	PLATE10	PX	-.000552	-.000552	0	0
91	PLATE9	PX	-.000552	-.000552	0	0
92	PLATE8	PX	-.000552	-.000552	0	0
93	PLATE7	PX	-.000552	-.000552	0	0
94	PLATE6	PX	-.000552	-.000552	0	0
95	PLATE5	PX	-.000552	-.000552	0	0
96	PLATE4	PX	-.000552	-.000552	0	0
97	PLATE3	PX	-.000552	-.000552	0	0
98	PLATE2	PX	-.000552	-.000552	0	0
99	PLATE1	PX	-.000552	-.000552	0	0
100	MP GAMMA4	PX	-.000318	-.000318	0	0
101	MP GAMMA3	PX	-.000318	-.000318	0	0
102	MP GAMMA2	PX	-.000318	-.000318	0	0
103	MP GAMMA1	PX	-.000318	-.000318	0	0
104	MP BETA4	PX	-.000318	-.000318	0	0
105	MP BETA3	PX	-.000318	-.000318	0	0
106	MP BETA2	PX	-.000318	-.000318	0	0
107	MP BETA1	PX	-.000318	-.000318	0	0
108	MP ALPHA4	PX	-.000318	-.000318	0	0
109	MP ALPHA3	PX	-.000318	-.000318	0	0
110	MP ALPHA2	PX	-.000318	-.000318	0	0
111	MP ALPHA1	PX	-.000318	-.000318	0	0
112	KICKER3	PX	-.00023	-.00023	0	0
113	KICKER2	PX	-.00023	-.00023	0	0
114	KICKER1	PX	-.00023	-.00023	0	0
115	FACE1	PX	-.000235	-.000235	0	0
116	FACE3	PX	-.000235	-.000235	0	0
117	FACE2	PX	-.000117	-.000117	0	0
118	CR3B	PX	-.00023	-.00023	0	0
119	CR3A	PX	-.00023	-.00023	0	0
120	CR2B	PX	-.00023	-.00023	0	0
121	CR2A	PX	-.00023	-.00023	0	0
122	CR1B	PX	-.00023	-.00023	0	0
123	CR1A	PX	-.00023	-.00023	0	0
124	CPL6	PX	-.000552	-.000552	0	0
125	CPL5	PX	-.000552	-.000552	0	0
126	CPL4	PX	-.000552	-.000552	0	0
127	CPL3	PX	-.000552	-.000552	0	0
128	CPL2	PX	-.000552	-.000552	0	0
129	CPL1	PX	-.000552	-.000552	0	0
130	CORNER3	PX	-.000552	-.000552	0	0
131	CORNER2	PX	-.000552	-.000552	0	0
132	CORNER1	PX	-.000552	-.000552	0	0

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

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

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.000368	.000368	0	0
2	SUP3A	PY	.000368	.000368	0	0
3	SUP2B	PY	.000368	.000368	0	0
4	SUP2A	PY	.000368	.000368	0	0
5	SUP1B	PY	.000368	.000368	0	0
6	SUP1A	PY	.000368	.000368	0	0
7	SO3	PY	.00046	.00046	0	0
8	SO2	PY	.00046	.00046	0	0
9	SO1	PY	.00046	.00046	0	0
10	RPL6	PY	.001	.001	0	0
11	RPL5	PY	.001	.001	0	0
12	RPL4	PY	.001	.001	0	0
13	RPL3	PY	.001	.001	0	0
14	RPL2	PY	.001	.001	0	0
15	RPL1	PY	.001	.001	0	0
16	RCORNER3	PY	.00046	.00046	0	0
17	RCORNER2	PY	.00046	.00046	0	0
18	RCORNER1	PY	.00046	.00046	0	0
19	RAIL1	PY	.000319	.000319	0	0
20	RAIL3	PY	.000319	.000319	0	0
21	RAIL2	PY	.000159	.000159	0	0
22	PLATE12	PY	.001	.001	0	0
23	PLATE11	PY	.001	.001	0	0
24	PLATE10	PY	.001	.001	0	0
25	PLATE9	PY	.001	.001	0	0
26	PLATE8	PY	.001	.001	0	0
27	PLATE7	PY	.001	.001	0	0
28	PLATE6	PY	.001	.001	0	0
29	PLATE5	PY	.001	.001	0	0
30	PLATE4	PY	.001	.001	0	0
31	PLATE3	PY	.001	.001	0	0
32	PLATE2	PY	.001	.001	0	0
33	PLATE1	PY	.001	.001	0	0
34	MP GAMMA4	PY	.000635	.000635	0	0
35	MP GAMMA3	PY	.000635	.000635	0	0
36	MP GAMMA2	PY	.000635	.000635	0	0
37	MP GAMMA1	PY	.000635	.000635	0	0
38	MP BETA4	PY	.000635	.000635	0	0
39	MP BETA3	PY	.000635	.000635	0	0
40	MP BETA2	PY	.000635	.000635	0	0
41	MP BETA1	PY	.000635	.000635	0	0
42	MP ALPHA4	PY	.000635	.000635	0	0
43	MP ALPHA3	PY	.000635	.000635	0	0
44	MP ALPHA2	PY	.000635	.000635	0	0
45	MP ALPHA1	PY	.000635	.000635	0	0
46	KICKER3	PY	.00046	.00046	0	0
47	KICKER2	PY	.00046	.00046	0	0
48	KICKER1	PY	.00046	.00046	0	0
49	FACE1	PY	.00047	.00047	0	0
50	FACE3	PY	.00047	.00047	0	0
51	FACE2	PY	.000235	.000235	0	0
52	CR3B	PY	.00046	.00046	0	0
53	CR3A	PY	.00046	.00046	0	0
54	CR2B	PY	.00046	.00046	0	0
55	CR2A	PY	.00046	.00046	0	0
56	CR1B	PY	.00046	.00046	0	0
57	CR1A	PY	.00046	.00046	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	CPL6	PY	.001	.001	0	0
59	CPL5	PY	.001	.001	0	0
60	CPL4	PY	.001	.001	0	0
61	CPL3	PY	.001	.001	0	0
62	CPL2	PY	.001	.001	0	0
63	CPL1	PY	.001	.001	0	0
64	CORNER3	PY	.001	.001	0	0
65	CORNER2	PY	.001	.001	0	0
66	CORNER1	PY	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.000319	.000319	0	0
2	SUP3A	PY	.000319	.000319	0	0
3	SUP2B	PY	.000319	.000319	0	0
4	SUP2A	PY	.000319	.000319	0	0
5	SUP1B	PY	.000319	.000319	0	0
6	SUP1A	PY	.000319	.000319	0	0
7	SO3	PY	.000399	.000399	0	0
8	SO2	PY	.000399	.000399	0	0
9	SO1	PY	.000399	.000399	0	0
10	RPL6	PY	.000957	.000957	0	0
11	RPL5	PY	.000957	.000957	0	0
12	RPL4	PY	.000957	.000957	0	0
13	RPL3	PY	.000957	.000957	0	0
14	RPL2	PY	.000957	.000957	0	0
15	RPL1	PY	.000957	.000957	0	0
16	RCORNER3	PY	.000399	.000399	0	0
17	RCORNER2	PY	.000399	.000399	0	0
18	RCORNER1	PY	.000399	.000399	0	0
19	RAIL1	PY	.000276	.000276	0	0
20	RAIL2	PY	.000276	.000276	0	0
21	RAIL3	PY	.000138	.000138	0	0
22	PLATE12	PY	.000957	.000957	0	0
23	PLATE11	PY	.000957	.000957	0	0
24	PLATE10	PY	.000957	.000957	0	0
25	PLATE9	PY	.000957	.000957	0	0
26	PLATE8	PY	.000957	.000957	0	0
27	PLATE7	PY	.000957	.000957	0	0
28	PLATE6	PY	.000957	.000957	0	0
29	PLATE5	PY	.000957	.000957	0	0
30	PLATE4	PY	.000957	.000957	0	0
31	PLATE3	PY	.000957	.000957	0	0
32	PLATE2	PY	.000957	.000957	0	0
33	PLATE1	PY	.000957	.000957	0	0
34	MP GAMMA4	PY	.00055	.00055	0	0
35	MP GAMMA3	PY	.00055	.00055	0	0
36	MP GAMMA2	PY	.00055	.00055	0	0
37	MP GAMMA1	PY	.00055	.00055	0	0
38	MP BETA4	PY	.00055	.00055	0	0
39	MP BETA3	PY	.00055	.00055	0	0
40	MP BETA2	PY	.00055	.00055	0	0
41	MP BETA1	PY	.00055	.00055	0	0
42	MP ALPHA4	PY	.00055	.00055	0	0
43	MP ALPHA3	PY	.00055	.00055	0	0
44	MP ALPHA2	PY	.00055	.00055	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	MP ALPHA1	PY	.00055	.00055	0	0
46	KICKER3	PY	.000399	.000399	0	0
47	KICKER2	PY	.000399	.000399	0	0
48	KICKER1	PY	.000399	.000399	0	0
49	FACE1	PY	.000407	.000407	0	0
50	FACE2	PY	.000407	.000407	0	0
51	FACE3	PY	.000203	.000203	0	0
52	CR3B	PY	.000399	.000399	0	0
53	CR3A	PY	.000399	.000399	0	0
54	CR2B	PY	.000399	.000399	0	0
55	CR2A	PY	.000399	.000399	0	0
56	CR1B	PY	.000399	.000399	0	0
57	CR1A	PY	.000399	.000399	0	0
58	CPL6	PY	.000957	.000957	0	0
59	CPL5	PY	.000957	.000957	0	0
60	CPL4	PY	.000957	.000957	0	0
61	CPL3	PY	.000957	.000957	0	0
62	CPL2	PY	.000957	.000957	0	0
63	CPL1	PY	.000957	.000957	0	0
64	CORNER3	PY	.000957	.000957	0	0
65	CORNER2	PY	.000957	.000957	0	0
66	CORNER1	PY	.000957	.000957	0	0
67	SUP3B	PX	.000184	.000184	0	0
68	SUP3A	PX	.000184	.000184	0	0
69	SUP2B	PX	.000184	.000184	0	0
70	SUP2A	PX	.000184	.000184	0	0
71	SUP1B	PX	.000184	.000184	0	0
72	SUP1A	PX	.000184	.000184	0	0
73	SO3	PX	.00023	.00023	0	0
74	SO2	PX	.00023	.00023	0	0
75	SO1	PX	.00023	.00023	0	0
76	RPL6	PX	.000552	.000552	0	0
77	RPL5	PX	.000552	.000552	0	0
78	RPL4	PX	.000552	.000552	0	0
79	RPL3	PX	.000552	.000552	0	0
80	RPL2	PX	.000552	.000552	0	0
81	RPL1	PX	.000552	.000552	0	0
82	RCORNER3	PX	.00023	.00023	0	0
83	RCORNER2	PX	.00023	.00023	0	0
84	RCORNER1	PX	.00023	.00023	0	0
85	RAIL1	PX	.000159	.000159	0	0
86	RAIL2	PX	.000159	.000159	0	0
87	RAIL3	PX	8e-5	8e-5	0	0
88	PLATE12	PX	.000552	.000552	0	0
89	PLATE11	PX	.000552	.000552	0	0
90	PLATE10	PX	.000552	.000552	0	0
91	PLATE9	PX	.000552	.000552	0	0
92	PLATE8	PX	.000552	.000552	0	0
93	PLATE7	PX	.000552	.000552	0	0
94	PLATE6	PX	.000552	.000552	0	0
95	PLATE5	PX	.000552	.000552	0	0
96	PLATE4	PX	.000552	.000552	0	0
97	PLATE3	PX	.000552	.000552	0	0
98	PLATE2	PX	.000552	.000552	0	0
99	PLATE1	PX	.000552	.000552	0	0
100	MP GAMMA4	PX	.000318	.000318	0	0
101	MP GAMMA3	PX	.000318	.000318	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
102	MP GAMMA2	PX	.000318	.000318	0	0
103	MP GAMMA1	PX	.000318	.000318	0	0
104	MP BETA4	PX	.000318	.000318	0	0
105	MP BETA3	PX	.000318	.000318	0	0
106	MP BETA2	PX	.000318	.000318	0	0
107	MP BETA1	PX	.000318	.000318	0	0
108	MP ALPHA4	PX	.000318	.000318	0	0
109	MP ALPHA3	PX	.000318	.000318	0	0
110	MP ALPHA2	PX	.000318	.000318	0	0
111	MP ALPHA1	PX	.000318	.000318	0	0
112	KICKER3	PX	.00023	.00023	0	0
113	KICKER2	PX	.00023	.00023	0	0
114	KICKER1	PX	.00023	.00023	0	0
115	FACE1	PX	.000235	.000235	0	0
116	FACE2	PX	.000235	.000235	0	0
117	FACE3	PX	.000117	.000117	0	0
118	CR3B	PX	.00023	.00023	0	0
119	CR3A	PX	.00023	.00023	0	0
120	CR2B	PX	.00023	.00023	0	0
121	CR2A	PX	.00023	.00023	0	0
122	CR1B	PX	.00023	.00023	0	0
123	CR1A	PX	.00023	.00023	0	0
124	CPL6	PX	.000552	.000552	0	0
125	CPL5	PX	.000552	.000552	0	0
126	CPL4	PX	.000552	.000552	0	0
127	CPL3	PX	.000552	.000552	0	0
128	CPL2	PX	.000552	.000552	0	0
129	CPL1	PX	.000552	.000552	0	0
130	CORNER3	PX	.000552	.000552	0	0
131	CORNER2	PX	.000552	.000552	0	0
132	CORNER1	PX	.000552	.000552	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.000184	.000184	0	0
2	SUP3A	PY	.000184	.000184	0	0
3	SUP2B	PY	.000184	.000184	0	0
4	SUP2A	PY	.000184	.000184	0	0
5	SUP1B	PY	.000184	.000184	0	0
6	SUP1A	PY	.000184	.000184	0	0
7	SO3	PY	.00023	.00023	0	0
8	SO2	PY	.00023	.00023	0	0
9	SO1	PY	.00023	.00023	0	0
10	RPL6	PY	.000552	.000552	0	0
11	RPL5	PY	.000552	.000552	0	0
12	RPL4	PY	.000552	.000552	0	0
13	RPL3	PY	.000552	.000552	0	0
14	RPL2	PY	.000552	.000552	0	0
15	RPL1	PY	.000552	.000552	0	0
16	RCORNER3	PY	.00023	.00023	0	0
17	RCORNER2	PY	.00023	.00023	0	0
18	RCORNER1	PY	.00023	.00023	0	0
19	RAIL1	PY	.000159	.000159	0	0
20	RAIL2	PY	.000159	.000159	0	0
21	RAIL3	PY	8e-5	8e-5	0	0
22	PLATE12	PY	.000552	.000552	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	PLATE11	PY	.000552	.000552	0	0
24	PLATE10	PY	.000552	.000552	0	0
25	PLATE9	PY	.000552	.000552	0	0
26	PLATE8	PY	.000552	.000552	0	0
27	PLATE7	PY	.000552	.000552	0	0
28	PLATE6	PY	.000552	.000552	0	0
29	PLATE5	PY	.000552	.000552	0	0
30	PLATE4	PY	.000552	.000552	0	0
31	PLATE3	PY	.000552	.000552	0	0
32	PLATE2	PY	.000552	.000552	0	0
33	PLATE1	PY	.000552	.000552	0	0
34	MP GAMMA4	PY	.000318	.000318	0	0
35	MP GAMMA3	PY	.000318	.000318	0	0
36	MP GAMMA2	PY	.000318	.000318	0	0
37	MP GAMMA1	PY	.000318	.000318	0	0
38	MP BETA4	PY	.000318	.000318	0	0
39	MP BETA3	PY	.000318	.000318	0	0
40	MP BETA2	PY	.000318	.000318	0	0
41	MP BETA1	PY	.000318	.000318	0	0
42	MP ALPHA4	PY	.000318	.000318	0	0
43	MP ALPHA3	PY	.000318	.000318	0	0
44	MP ALPHA2	PY	.000318	.000318	0	0
45	MP ALPHA1	PY	.000318	.000318	0	0
46	KICKER3	PY	.00023	.00023	0	0
47	KICKER2	PY	.00023	.00023	0	0
48	KICKER1	PY	.00023	.00023	0	0
49	FACE1	PY	.000235	.000235	0	0
50	FACE2	PY	.000235	.000235	0	0
51	FACE3	PY	.000117	.000117	0	0
52	CR3B	PY	.00023	.00023	0	0
53	CR3A	PY	.00023	.00023	0	0
54	CR2B	PY	.00023	.00023	0	0
55	CR2A	PY	.00023	.00023	0	0
56	CR1B	PY	.00023	.00023	0	0
57	CR1A	PY	.00023	.00023	0	0
58	CPL6	PY	.000552	.000552	0	0
59	CPL5	PY	.000552	.000552	0	0
60	CPL4	PY	.000552	.000552	0	0
61	CPL3	PY	.000552	.000552	0	0
62	CPL2	PY	.000552	.000552	0	0
63	CPL1	PY	.000552	.000552	0	0
64	CORNER3	PY	.000552	.000552	0	0
65	CORNER2	PY	.000552	.000552	0	0
66	CORNER1	PY	.000552	.000552	0	0
67	SUP3B	PX	.000319	.000319	0	0
68	SUP3A	PX	.000319	.000319	0	0
69	SUP2B	PX	.000319	.000319	0	0
70	SUP2A	PX	.000319	.000319	0	0
71	SUP1B	PX	.000319	.000319	0	0
72	SUP1A	PX	.000319	.000319	0	0
73	SO3	PX	.000399	.000399	0	0
74	SO2	PX	.000399	.000399	0	0
75	SO1	PX	.000399	.000399	0	0
76	RPL6	PX	.000957	.000957	0	0
77	RPL5	PX	.000957	.000957	0	0
78	RPL4	PX	.000957	.000957	0	0
79	RPL3	PX	.000957	.000957	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	RPL2	PX	.000957	.000957	0	0
81	RPL1	PX	.000957	.000957	0	0
82	RCORNER3	PX	.000399	.000399	0	0
83	RCORNER2	PX	.000399	.000399	0	0
84	RCORNER1	PX	.000399	.000399	0	0
85	RAIL1	PX	.000276	.000276	0	0
86	RAIL2	PX	.000276	.000276	0	0
87	RAIL3	PX	.000138	.000138	0	0
88	PLATE12	PX	.000957	.000957	0	0
89	PLATE11	PX	.000957	.000957	0	0
90	PLATE10	PX	.000957	.000957	0	0
91	PLATE9	PX	.000957	.000957	0	0
92	PLATE8	PX	.000957	.000957	0	0
93	PLATE7	PX	.000957	.000957	0	0
94	PLATE6	PX	.000957	.000957	0	0
95	PLATE5	PX	.000957	.000957	0	0
96	PLATE4	PX	.000957	.000957	0	0
97	PLATE3	PX	.000957	.000957	0	0
98	PLATE2	PX	.000957	.000957	0	0
99	PLATE1	PX	.000957	.000957	0	0
100	MP GAMMA4	PX	.00055	.00055	0	0
101	MP GAMMA3	PX	.00055	.00055	0	0
102	MP GAMMA2	PX	.00055	.00055	0	0
103	MP GAMMA1	PX	.00055	.00055	0	0
104	MP BETA4	PX	.00055	.00055	0	0
105	MP BETA3	PX	.00055	.00055	0	0
106	MP BETA2	PX	.00055	.00055	0	0
107	MP BETA1	PX	.00055	.00055	0	0
108	MP ALPHA4	PX	.00055	.00055	0	0
109	MP ALPHA3	PX	.00055	.00055	0	0
110	MP ALPHA2	PX	.00055	.00055	0	0
111	MP ALPHA1	PX	.00055	.00055	0	0
112	KICKER3	PX	.000399	.000399	0	0
113	KICKER2	PX	.000399	.000399	0	0
114	KICKER1	PX	.000399	.000399	0	0
115	FACE1	PX	.000407	.000407	0	0
116	FACE2	PX	.000407	.000407	0	0
117	FACE3	PX	.000203	.000203	0	0
118	CR3B	PX	.000399	.000399	0	0
119	CR3A	PX	.000399	.000399	0	0
120	CR2B	PX	.000399	.000399	0	0
121	CR2A	PX	.000399	.000399	0	0
122	CR1B	PX	.000399	.000399	0	0
123	CR1A	PX	.000399	.000399	0	0
124	CPL6	PX	.000957	.000957	0	0
125	CPL5	PX	.000957	.000957	0	0
126	CPL4	PX	.000957	.000957	0	0
127	CPL3	PX	.000957	.000957	0	0
128	CPL2	PX	.000957	.000957	0	0
129	CPL1	PX	.000957	.000957	0	0
130	CORNER3	PX	.000957	.000957	0	0
131	CORNER2	PX	.000957	.000957	0	0
132	CORNER1	PX	.000957	.000957	0	0

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

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

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PX	.000368	.000368	0	0
2	SUP3A	PX	.000368	.000368	0	0
3	SUP2B	PX	.000368	.000368	0	0
4	SUP2A	PX	.000368	.000368	0	0
5	SUP1B	PX	.000368	.000368	0	0
6	SUP1A	PX	.000368	.000368	0	0
7	SO3	PX	.00046	.00046	0	0
8	SO2	PX	.00046	.00046	0	0
9	SO1	PX	.00046	.00046	0	0
10	RPL6	PX	.001	.001	0	0
11	RPL5	PX	.001	.001	0	0
12	RPL4	PX	.001	.001	0	0
13	RPL3	PX	.001	.001	0	0
14	RPL2	PX	.001	.001	0	0
15	RPL1	PX	.001	.001	0	0
16	RCORNER3	PX	.00046	.00046	0	0
17	RCORNER2	PX	.00046	.00046	0	0
18	RCORNER1	PX	.00046	.00046	0	0
19	RAIL1	PX	.000319	.000319	0	0
20	RAIL2	PX	.000319	.000319	0	0
21	RAIL3	PX	.000159	.000159	0	0
22	PLATE12	PX	.001	.001	0	0
23	PLATE11	PX	.001	.001	0	0
24	PLATE10	PX	.001	.001	0	0
25	PLATE9	PX	.001	.001	0	0
26	PLATE8	PX	.001	.001	0	0
27	PLATE7	PX	.001	.001	0	0
28	PLATE6	PX	.001	.001	0	0
29	PLATE5	PX	.001	.001	0	0
30	PLATE4	PX	.001	.001	0	0
31	PLATE3	PX	.001	.001	0	0
32	PLATE2	PX	.001	.001	0	0
33	PLATE1	PX	.001	.001	0	0
34	MP GAMMA4	PX	.000635	.000635	0	0
35	MP GAMMA3	PX	.000635	.000635	0	0
36	MP GAMMA2	PX	.000635	.000635	0	0
37	MP GAMMA1	PX	.000635	.000635	0	0
38	MP BETA4	PX	.000635	.000635	0	0
39	MP BETA3	PX	.000635	.000635	0	0
40	MP BETA2	PX	.000635	.000635	0	0
41	MP BETA1	PX	.000635	.000635	0	0
42	MP ALPHA4	PX	.000635	.000635	0	0
43	MP ALPHA3	PX	.000635	.000635	0	0
44	MP ALPHA2	PX	.000635	.000635	0	0
45	MP ALPHA1	PX	.000635	.000635	0	0
46	KICKER3	PX	.00046	.00046	0	0
47	KICKER2	PX	.00046	.00046	0	0
48	KICKER1	PX	.00046	.00046	0	0
49	FACE1	PX	.00047	.00047	0	0
50	FACE2	PX	.00047	.00047	0	0
51	FACE3	PX	.000235	.000235	0	0
52	CR3B	PX	.00046	.00046	0	0
53	CR3A	PX	.00046	.00046	0	0
54	CR2B	PX	.00046	.00046	0	0
55	CR2A	PX	.00046	.00046	0	0
56	CR1B	PX	.00046	.00046	0	0
57	CR1A	PX	.00046	.00046	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	CPL6	PX	.001	.001	0	0
59	CPL5	PX	.001	.001	0	0
60	CPL4	PX	.001	.001	0	0
61	CPL3	PX	.001	.001	0	0
62	CPL2	PX	.001	.001	0	0
63	CPL1	PX	.001	.001	0	0
64	CORNER3	PX	.001	.001	0	0
65	CORNER2	PX	.001	.001	0	0
66	CORNER1	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.000184	-.000184	0	0
2	SUP3A	PY	-.000184	-.000184	0	0
3	SUP2B	PY	-.000184	-.000184	0	0
4	SUP2A	PY	-.000184	-.000184	0	0
5	SUP1B	PY	-.000184	-.000184	0	0
6	SUP1A	PY	-.000184	-.000184	0	0
7	SO3	PY	-.00023	-.00023	0	0
8	SO2	PY	-.00023	-.00023	0	0
9	SO1	PY	-.00023	-.00023	0	0
10	RPL6	PY	-.000552	-.000552	0	0
11	RPL5	PY	-.000552	-.000552	0	0
12	RPL4	PY	-.000552	-.000552	0	0
13	RPL3	PY	-.000552	-.000552	0	0
14	RPL2	PY	-.000552	-.000552	0	0
15	RPL1	PY	-.000552	-.000552	0	0
16	RCORNER3	PY	-.00023	-.00023	0	0
17	RCORNER2	PY	-.00023	-.00023	0	0
18	RCORNER1	PY	-.00023	-.00023	0	0
19	RAIL1	PY	-.000159	-.000159	0	0
20	RAIL2	PY	-.000159	-.000159	0	0
21	RAIL3	PY	-8e-5	-8e-5	0	0
22	PLATE12	PY	-.000552	-.000552	0	0
23	PLATE11	PY	-.000552	-.000552	0	0
24	PLATE10	PY	-.000552	-.000552	0	0
25	PLATE9	PY	-.000552	-.000552	0	0
26	PLATE8	PY	-.000552	-.000552	0	0
27	PLATE7	PY	-.000552	-.000552	0	0
28	PLATE6	PY	-.000552	-.000552	0	0
29	PLATE5	PY	-.000552	-.000552	0	0
30	PLATE4	PY	-.000552	-.000552	0	0
31	PLATE3	PY	-.000552	-.000552	0	0
32	PLATE2	PY	-.000552	-.000552	0	0
33	PLATE1	PY	-.000552	-.000552	0	0
34	MP GAMMA4	PY	-.000318	-.000318	0	0
35	MP GAMMA3	PY	-.000318	-.000318	0	0
36	MP GAMMA2	PY	-.000318	-.000318	0	0
37	MP GAMMA1	PY	-.000318	-.000318	0	0
38	MP BETA4	PY	-.000318	-.000318	0	0
39	MP BETA3	PY	-.000318	-.000318	0	0
40	MP BETA2	PY	-.000318	-.000318	0	0
41	MP BETA1	PY	-.000318	-.000318	0	0
42	MP ALPHA4	PY	-.000318	-.000318	0	0
43	MP ALPHA3	PY	-.000318	-.000318	0	0
44	MP ALPHA2	PY	-.000318	-.000318	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	MP ALPHA1	PY	-.000318	-.000318	0	0
46	KICKER3	PY	-.00023	-.00023	0	0
47	KICKER2	PY	-.00023	-.00023	0	0
48	KICKER1	PY	-.00023	-.00023	0	0
49	FACE1	PY	-.000235	-.000235	0	0
50	FACE2	PY	-.000235	-.000235	0	0
51	FACE3	PY	-.000117	-.000117	0	0
52	CR3B	PY	-.00023	-.00023	0	0
53	CR3A	PY	-.00023	-.00023	0	0
54	CR2B	PY	-.00023	-.00023	0	0
55	CR2A	PY	-.00023	-.00023	0	0
56	CR1B	PY	-.00023	-.00023	0	0
57	CR1A	PY	-.00023	-.00023	0	0
58	CPL6	PY	-.000552	-.000552	0	0
59	CPL5	PY	-.000552	-.000552	0	0
60	CPL4	PY	-.000552	-.000552	0	0
61	CPL3	PY	-.000552	-.000552	0	0
62	CPL2	PY	-.000552	-.000552	0	0
63	CPL1	PY	-.000552	-.000552	0	0
64	CORNER3	PY	-.000552	-.000552	0	0
65	CORNER2	PY	-.000552	-.000552	0	0
66	CORNER1	PY	-.000552	-.000552	0	0
67	SUP3B	PX	.000319	.000319	0	0
68	SUP3A	PX	.000319	.000319	0	0
69	SUP2B	PX	.000319	.000319	0	0
70	SUP2A	PX	.000319	.000319	0	0
71	SUP1B	PX	.000319	.000319	0	0
72	SUP1A	PX	.000319	.000319	0	0
73	SO3	PX	.000399	.000399	0	0
74	SO2	PX	.000399	.000399	0	0
75	SO1	PX	.000399	.000399	0	0
76	RPL6	PX	.000957	.000957	0	0
77	RPL5	PX	.000957	.000957	0	0
78	RPL4	PX	.000957	.000957	0	0
79	RPL3	PX	.000957	.000957	0	0
80	RPL2	PX	.000957	.000957	0	0
81	RPL1	PX	.000957	.000957	0	0
82	RCORNER3	PX	.000399	.000399	0	0
83	RCORNER2	PX	.000399	.000399	0	0
84	RCORNER1	PX	.000399	.000399	0	0
85	RAIL1	PX	.000276	.000276	0	0
86	RAIL2	PX	.000276	.000276	0	0
87	RAIL3	PX	.000138	.000138	0	0
88	PLATE12	PX	.000957	.000957	0	0
89	PLATE11	PX	.000957	.000957	0	0
90	PLATE10	PX	.000957	.000957	0	0
91	PLATE9	PX	.000957	.000957	0	0
92	PLATE8	PX	.000957	.000957	0	0
93	PLATE7	PX	.000957	.000957	0	0
94	PLATE6	PX	.000957	.000957	0	0
95	PLATE5	PX	.000957	.000957	0	0
96	PLATE4	PX	.000957	.000957	0	0
97	PLATE3	PX	.000957	.000957	0	0
98	PLATE2	PX	.000957	.000957	0	0
99	PLATE1	PX	.000957	.000957	0	0
100	MP GAMMA4	PX	.00055	.00055	0	0
101	MP GAMMA3	PX	.00055	.00055	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
102	MP GAMMA2	PX	.00055	.00055	0	0
103	MP GAMMA1	PX	.00055	.00055	0	0
104	MP BETA4	PX	.00055	.00055	0	0
105	MP BETA3	PX	.00055	.00055	0	0
106	MP BETA2	PX	.00055	.00055	0	0
107	MP BETA1	PX	.00055	.00055	0	0
108	MP ALPHA4	PX	.00055	.00055	0	0
109	MP ALPHA3	PX	.00055	.00055	0	0
110	MP ALPHA2	PX	.00055	.00055	0	0
111	MP ALPHA1	PX	.00055	.00055	0	0
112	KICKER3	PX	.000399	.000399	0	0
113	KICKER2	PX	.000399	.000399	0	0
114	KICKER1	PX	.000399	.000399	0	0
115	FACE1	PX	.000407	.000407	0	0
116	FACE2	PX	.000407	.000407	0	0
117	FACE3	PX	.000203	.000203	0	0
118	CR3B	PX	.000399	.000399	0	0
119	CR3A	PX	.000399	.000399	0	0
120	CR2B	PX	.000399	.000399	0	0
121	CR2A	PX	.000399	.000399	0	0
122	CR1B	PX	.000399	.000399	0	0
123	CR1A	PX	.000399	.000399	0	0
124	CPL6	PX	.000957	.000957	0	0
125	CPL5	PX	.000957	.000957	0	0
126	CPL4	PX	.000957	.000957	0	0
127	CPL3	PX	.000957	.000957	0	0
128	CPL2	PX	.000957	.000957	0	0
129	CPL1	PX	.000957	.000957	0	0
130	CORNER3	PX	.000957	.000957	0	0
131	CORNER2	PX	.000957	.000957	0	0
132	CORNER1	PX	.000957	.000957	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.000319	-.000319	0	0
2	SUP3A	PY	-.000319	-.000319	0	0
3	SUP2B	PY	-.000319	-.000319	0	0
4	SUP2A	PY	-.000319	-.000319	0	0
5	SUP1B	PY	-.000319	-.000319	0	0
6	SUP1A	PY	-.000319	-.000319	0	0
7	SO3	PY	-.000399	-.000399	0	0
8	SO2	PY	-.000399	-.000399	0	0
9	SO1	PY	-.000399	-.000399	0	0
10	RPL6	PY	-.000957	-.000957	0	0
11	RPL5	PY	-.000957	-.000957	0	0
12	RPL4	PY	-.000957	-.000957	0	0
13	RPL3	PY	-.000957	-.000957	0	0
14	RPL2	PY	-.000957	-.000957	0	0
15	RPL1	PY	-.000957	-.000957	0	0
16	RCORNER3	PY	-.000399	-.000399	0	0
17	RCORNER2	PY	-.000399	-.000399	0	0
18	RCORNER1	PY	-.000399	-.000399	0	0
19	RAIL3	PY	-.000276	-.000276	0	0
20	RAIL2	PY	-.000276	-.000276	0	0
21	RAIL1	PY	-.000138	-.000138	0	0
22	PLATE12	PY	-.000957	-.000957	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	PLATE11	PY	-.000957	-.000957	0	0
24	PLATE10	PY	-.000957	-.000957	0	0
25	PLATE9	PY	-.000957	-.000957	0	0
26	PLATE8	PY	-.000957	-.000957	0	0
27	PLATE7	PY	-.000957	-.000957	0	0
28	PLATE6	PY	-.000957	-.000957	0	0
29	PLATE5	PY	-.000957	-.000957	0	0
30	PLATE4	PY	-.000957	-.000957	0	0
31	PLATE3	PY	-.000957	-.000957	0	0
32	PLATE2	PY	-.000957	-.000957	0	0
33	PLATE1	PY	-.000957	-.000957	0	0
34	MP GAMMA4	PY	-.00055	-.00055	0	0
35	MP GAMMA3	PY	-.00055	-.00055	0	0
36	MP GAMMA2	PY	-.00055	-.00055	0	0
37	MP GAMMA1	PY	-.00055	-.00055	0	0
38	MP BETA4	PY	-.00055	-.00055	0	0
39	MP BETA3	PY	-.00055	-.00055	0	0
40	MP BETA2	PY	-.00055	-.00055	0	0
41	MP BETA1	PY	-.00055	-.00055	0	0
42	MP ALPHA4	PY	-.00055	-.00055	0	0
43	MP ALPHA3	PY	-.00055	-.00055	0	0
44	MP ALPHA2	PY	-.00055	-.00055	0	0
45	MP ALPHA1	PY	-.00055	-.00055	0	0
46	KICKER3	PY	-.000399	-.000399	0	0
47	KICKER2	PY	-.000399	-.000399	0	0
48	KICKER1	PY	-.000399	-.000399	0	0
49	FACE3	PY	-.000407	-.000407	0	0
50	FACE2	PY	-.000407	-.000407	0	0
51	FACE1	PY	-.000203	-.000203	0	0
52	CR3B	PY	-.000399	-.000399	0	0
53	CR3A	PY	-.000399	-.000399	0	0
54	CR2B	PY	-.000399	-.000399	0	0
55	CR2A	PY	-.000399	-.000399	0	0
56	CR1B	PY	-.000399	-.000399	0	0
57	CR1A	PY	-.000399	-.000399	0	0
58	CPL6	PY	-.000957	-.000957	0	0
59	CPL5	PY	-.000957	-.000957	0	0
60	CPL4	PY	-.000957	-.000957	0	0
61	CPL3	PY	-.000957	-.000957	0	0
62	CPL2	PY	-.000957	-.000957	0	0
63	CPL1	PY	-.000957	-.000957	0	0
64	CORNER3	PY	-.000957	-.000957	0	0
65	CORNER2	PY	-.000957	-.000957	0	0
66	CORNER1	PY	-.000957	-.000957	0	0
67	SUP3B	PX	.000184	.000184	0	0
68	SUP3A	PX	.000184	.000184	0	0
69	SUP2B	PX	.000184	.000184	0	0
70	SUP2A	PX	.000184	.000184	0	0
71	SUP1B	PX	.000184	.000184	0	0
72	SUP1A	PX	.000184	.000184	0	0
73	SO3	PX	.00023	.00023	0	0
74	SO2	PX	.00023	.00023	0	0
75	SO1	PX	.00023	.00023	0	0
76	RPL6	PX	.000552	.000552	0	0
77	RPL5	PX	.000552	.000552	0	0
78	RPL4	PX	.000552	.000552	0	0
79	RPL3	PX	.000552	.000552	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	RPL2	PX	.000552	.000552	0	0
81	RPL1	PX	.000552	.000552	0	0
82	RCORNER3	PX	.00023	.00023	0	0
83	RCORNER2	PX	.00023	.00023	0	0
84	RCORNER1	PX	.00023	.00023	0	0
85	RAIL3	PX	.000159	.000159	0	0
86	RAIL2	PX	.000159	.000159	0	0
87	RAIL1	PX	8e-5	8e-5	0	0
88	PLATE12	PX	.000552	.000552	0	0
89	PLATE11	PX	.000552	.000552	0	0
90	PLATE10	PX	.000552	.000552	0	0
91	PLATE9	PX	.000552	.000552	0	0
92	PLATE8	PX	.000552	.000552	0	0
93	PLATE7	PX	.000552	.000552	0	0
94	PLATE6	PX	.000552	.000552	0	0
95	PLATE5	PX	.000552	.000552	0	0
96	PLATE4	PX	.000552	.000552	0	0
97	PLATE3	PX	.000552	.000552	0	0
98	PLATE2	PX	.000552	.000552	0	0
99	PLATE1	PX	.000552	.000552	0	0
100	MP GAMMA4	PX	.000318	.000318	0	0
101	MP GAMMA3	PX	.000318	.000318	0	0
102	MP GAMMA2	PX	.000318	.000318	0	0
103	MP GAMMA1	PX	.000318	.000318	0	0
104	MP BETA4	PX	.000318	.000318	0	0
105	MP BETA3	PX	.000318	.000318	0	0
106	MP BETA2	PX	.000318	.000318	0	0
107	MP BETA1	PX	.000318	.000318	0	0
108	MP ALPHA4	PX	.000318	.000318	0	0
109	MP ALPHA3	PX	.000318	.000318	0	0
110	MP ALPHA2	PX	.000318	.000318	0	0
111	MP ALPHA1	PX	.000318	.000318	0	0
112	KICKER3	PX	.00023	.00023	0	0
113	KICKER2	PX	.00023	.00023	0	0
114	KICKER1	PX	.00023	.00023	0	0
115	FACE3	PX	.000235	.000235	0	0
116	FACE2	PX	.000235	.000235	0	0
117	FACE1	PX	.000117	.000117	0	0
118	CR3B	PX	.00023	.00023	0	0
119	CR3A	PX	.00023	.00023	0	0
120	CR2B	PX	.00023	.00023	0	0
121	CR2A	PX	.00023	.00023	0	0
122	CR1B	PX	.00023	.00023	0	0
123	CR1A	PX	.00023	.00023	0	0
124	CPL6	PX	.000552	.000552	0	0
125	CPL5	PX	.000552	.000552	0	0
126	CPL4	PX	.000552	.000552	0	0
127	CPL3	PX	.000552	.000552	0	0
128	CPL2	PX	.000552	.000552	0	0
129	CPL1	PX	.000552	.000552	0	0
130	CORNER3	PX	.000552	.000552	0	0
131	CORNER2	PX	.000552	.000552	0	0
132	CORNER1	PX	.000552	.000552	0	0

Member Distributed Loads (BLC 27 : Ice Dead Load)

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

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	Z	-.006	-.006	0	0
2	SUP3A	Z	-.006	-.006	0	0
3	SUP2B	Z	-.006	-.006	0	0
4	SUP2A	Z	-.006	-.006	0	0
5	SUP1B	Z	-.006	-.006	0	0
6	SUP1A	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	RPL6	Z	-.008	-.008	0	0
11	RPL5	Z	-.008	-.008	0	0
12	RPL4	Z	-.008	-.008	0	0
13	RPL3	Z	-.008	-.008	0	0
14	RPL2	Z	-.008	-.008	0	0
15	RPL1	Z	-.008	-.008	0	0
16	RCORNER3	Z	-.007	-.007	0	0
17	RCORNER2	Z	-.007	-.007	0	0
18	RCORNER1	Z	-.007	-.007	0	0
19	RAIL3	Z	-.005	-.005	0	0
20	RAIL2	Z	-.005	-.005	0	0
21	RAIL1	Z	-.005	-.005	0	0
22	PLATE12	Z	-.008	-.008	0	0
23	PLATE11	Z	-.008	-.008	0	0
24	PLATE10	Z	-.008	-.008	0	0
25	PLATE9	Z	-.008	-.008	0	0
26	PLATE8	Z	-.008	-.008	0	0
27	PLATE7	Z	-.008	-.008	0	0
28	PLATE6	Z	-.008	-.008	0	0
29	PLATE5	Z	-.008	-.008	0	0
30	PLATE4	Z	-.008	-.008	0	0
31	PLATE3	Z	-.008	-.008	0	0
32	PLATE2	Z	-.008	-.008	0	0
33	PLATE1	Z	-.008	-.008	0	0
34	MP GAMMA4	Z	-.006	-.006	0	0
35	MP GAMMA3	Z	-.006	-.006	0	0
36	MP GAMMA2	Z	-.006	-.006	0	0
37	MP GAMMA1	Z	-.006	-.006	0	0
38	MP BETA4	Z	-.006	-.006	0	0
39	MP BETA3	Z	-.006	-.006	0	0
40	MP BETA2	Z	-.006	-.006	0	0
41	MP BETA1	Z	-.006	-.006	0	0
42	MP ALPHA4	Z	-.006	-.006	0	0
43	MP ALPHA3	Z	-.006	-.006	0	0
44	MP ALPHA2	Z	-.006	-.006	0	0
45	MP ALPHA1	Z	-.006	-.006	0	0
46	KICKER3	Z	-.011	-.011	0	0
47	KICKER2	Z	-.011	-.011	0	0
48	KICKER1	Z	-.011	-.011	0	0
49	FACE3	Z	-.007	-.007	0	0
50	FACE2	Z	-.007	-.007	0	0
51	FACE1	Z	-.007	-.007	0	0
52	CR3B	Z	-.009	-.009	0	0
53	CR3A	Z	-.009	-.009	0	0
54	CR2B	Z	-.009	-.009	0	0
55	CR2A	Z	-.009	-.009	0	0
56	CR1B	Z	-.009	-.009	0	0
57	CR1A	Z	-.009	-.009	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	CPL6	Z	-.008	-.008	0	0
59	CPL5	Z	-.008	-.008	0	0
60	CPL4	Z	-.008	-.008	0	0
61	CPL3	Z	-.008	-.008	0	0
62	CPL2	Z	-.008	-.008	0	0
63	CPL1	Z	-.008	-.008	0	0
64	CORNER3	Z	-.008	-.008	0	0
65	CORNER2	Z	-.008	-.008	0	0
66	CORNER1	Z	-.008	-.008	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.002	-.002	0	0
2	SUP3A	PY	-.002	-.002	0	0
3	SUP2B	PY	-.002	-.002	0	0
4	SUP2A	PY	-.002	-.002	0	0
5	SUP1B	PY	-.002	-.002	0	0
6	SUP1A	PY	-.002	-.002	0	0
7	SO3	PY	-.001	-.001	0	0
8	SO2	PY	-.001	-.001	0	0
9	SO1	PY	-.001	-.001	0	0
10	RPL6	PY	-.003	-.003	0	0
11	RPL5	PY	-.003	-.003	0	0
12	RPL4	PY	-.003	-.003	0	0
13	RPL3	PY	-.003	-.003	0	0
14	RPL2	PY	-.003	-.003	0	0
15	RPL1	PY	-.003	-.003	0	0
16	RCORNER3	PY	-.002	-.002	0	0
17	RCORNER2	PY	-.002	-.002	0	0
18	RCORNER1	PY	-.002	-.002	0	0
19	RAIL3	PY	-.002	-.002	0	0
20	RAIL2	PY	-.002	-.002	0	0
21	RAIL1	PY	-.001	-.001	0	0
22	PLATE12	PY	-.003	-.003	0	0
23	PLATE11	PY	-.003	-.003	0	0
24	PLATE10	PY	-.003	-.003	0	0
25	PLATE9	PY	-.003	-.003	0	0
26	PLATE8	PY	-.003	-.003	0	0
27	PLATE7	PY	-.003	-.003	0	0
28	PLATE6	PY	-.003	-.003	0	0
29	PLATE5	PY	-.003	-.003	0	0
30	PLATE4	PY	-.003	-.003	0	0
31	PLATE3	PY	-.003	-.003	0	0
32	PLATE2	PY	-.003	-.003	0	0
33	PLATE1	PY	-.003	-.003	0	0
34	MP GAMMA4	PY	-.003	-.003	0	0
35	MP GAMMA3	PY	-.003	-.003	0	0
36	MP GAMMA2	PY	-.003	-.003	0	0
37	MP GAMMA1	PY	-.003	-.003	0	0
38	MP BETA4	PY	-.003	-.003	0	0
39	MP BETA3	PY	-.003	-.003	0	0
40	MP BETA2	PY	-.003	-.003	0	0
41	MP BETA1	PY	-.003	-.003	0	0
42	MP ALPHA4	PY	-.003	-.003	0	0
43	MP ALPHA3	PY	-.003	-.003	0	0
44	MP ALPHA2	PY	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	MP ALPHA1	PY	-.003	-.003	0	0
46	KICKER3	PY	-.002	-.002	0	0
47	KICKER2	PY	-.002	-.002	0	0
48	KICKER1	PY	-.002	-.002	0	0
49	FACE3	PY	-.003	-.003	0	0
50	FACE2	PY	-.003	-.003	0	0
51	FACE1	PY	-.001	-.001	0	0
52	CR3B	PY	-.001	-.001	0	0
53	CR3A	PY	-.001	-.001	0	0
54	CR2B	PY	-.001	-.001	0	0
55	CR2A	PY	-.001	-.001	0	0
56	CR1B	PY	-.001	-.001	0	0
57	CR1A	PY	-.001	-.001	0	0
58	CPL6	PY	-.003	-.003	0	0
59	CPL5	PY	-.003	-.003	0	0
60	CPL4	PY	-.003	-.003	0	0
61	CPL3	PY	-.003	-.003	0	0
62	CPL2	PY	-.003	-.003	0	0
63	CPL1	PY	-.003	-.003	0	0
64	CORNER3	PY	-.003	-.003	0	0
65	CORNER2	PY	-.003	-.003	0	0
66	CORNER1	PY	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.001	-.001	0	0
2	SUP3A	PY	-.001	-.001	0	0
3	SUP2B	PY	-.001	-.001	0	0
4	SUP2A	PY	-.001	-.001	0	0
5	SUP1B	PY	-.001	-.001	0	0
6	SUP1A	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	RPL6	PY	-.003	-.003	0	0
11	RPL5	PY	-.003	-.003	0	0
12	RPL4	PY	-.003	-.003	0	0
13	RPL3	PY	-.003	-.003	0	0
14	RPL2	PY	-.003	-.003	0	0
15	RPL1	PY	-.003	-.003	0	0
16	RCORNER3	PY	-.002	-.002	0	0
17	RCORNER2	PY	-.002	-.002	0	0
18	RCORNER1	PY	-.002	-.002	0	0
19	RAIL3	PY	-.002	-.002	0	0
20	RAIL2	PY	-.002	-.002	0	0
21	RAIL1	PY	-.000891	-.000891	0	0
22	PLATE12	PY	-.003	-.003	0	0
23	PLATE11	PY	-.003	-.003	0	0
24	PLATE10	PY	-.003	-.003	0	0
25	PLATE9	PY	-.003	-.003	0	0
26	PLATE8	PY	-.003	-.003	0	0
27	PLATE7	PY	-.003	-.003	0	0
28	PLATE6	PY	-.003	-.003	0	0
29	PLATE5	PY	-.003	-.003	0	0
30	PLATE4	PY	-.003	-.003	0	0
31	PLATE3	PY	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
32	PLATE2	PY	-.003	-.003	0	0
33	PLATE1	PY	-.003	-.003	0	0
34	MP GAMMA4	PY	-.003	-.003	0	0
35	MP GAMMA3	PY	-.003	-.003	0	0
36	MP GAMMA2	PY	-.003	-.003	0	0
37	MP GAMMA1	PY	-.003	-.003	0	0
38	MP BETA4	PY	-.003	-.003	0	0
39	MP BETA3	PY	-.003	-.003	0	0
40	MP BETA2	PY	-.003	-.003	0	0
41	MP BETA1	PY	-.003	-.003	0	0
42	MP ALPHA4	PY	-.003	-.003	0	0
43	MP ALPHA3	PY	-.003	-.003	0	0
44	MP ALPHA2	PY	-.003	-.003	0	0
45	MP ALPHA1	PY	-.003	-.003	0	0
46	KICKER3	PY	-.002	-.002	0	0
47	KICKER2	PY	-.002	-.002	0	0
48	KICKER1	PY	-.002	-.002	0	0
49	FACE3	PY	-.002	-.002	0	0
50	FACE2	PY	-.002	-.002	0	0
51	FACE1	PY	-.001	-.001	0	0
52	CR3B	PY	-.001	-.001	0	0
53	CR3A	PY	-.001	-.001	0	0
54	CR2B	PY	-.001	-.001	0	0
55	CR2A	PY	-.001	-.001	0	0
56	CR1B	PY	-.001	-.001	0	0
57	CR1A	PY	-.001	-.001	0	0
58	CPL6	PY	-.003	-.003	0	0
59	CPL5	PY	-.003	-.003	0	0
60	CPL4	PY	-.003	-.003	0	0
61	CPL3	PY	-.003	-.003	0	0
62	CPL2	PY	-.003	-.003	0	0
63	CPL1	PY	-.003	-.003	0	0
64	CORNER3	PY	-.003	-.003	0	0
65	CORNER2	PY	-.003	-.003	0	0
66	CORNER1	PY	-.003	-.003	0	0
67	SUP3B	PX	-.000789	-.000789	0	0
68	SUP3A	PX	-.000789	-.000789	0	0
69	SUP2B	PX	-.000789	-.000789	0	0
70	SUP2A	PX	-.000789	-.000789	0	0
71	SUP1B	PX	-.000789	-.000789	0	0
72	SUP1A	PX	-.000789	-.000789	0	0
73	SO3	PX	-.00072	-.00072	0	0
74	SO2	PX	-.00072	-.00072	0	0
75	SO1	PX	-.00072	-.00072	0	0
76	RPL6	PX	-.002	-.002	0	0
77	RPL5	PX	-.002	-.002	0	0
78	RPL4	PX	-.002	-.002	0	0
79	RPL3	PX	-.002	-.002	0	0
80	RPL2	PX	-.002	-.002	0	0
81	RPL1	PX	-.002	-.002	0	0
82	RCORNER3	PX	-.00088	-.00088	0	0
83	RCORNER2	PX	-.00088	-.00088	0	0
84	RCORNER1	PX	-.00088	-.00088	0	0
85	RAIL3	PX	-.001	-.001	0	0
86	RAIL2	PX	-.001	-.001	0	0
87	RAIL1	PX	-.000514	-.000514	0	0
88	PLATE12	PX	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	PLATE11	PX	-.002	-.002	0	0
90	PLATE10	PX	-.002	-.002	0	0
91	PLATE9	PX	-.002	-.002	0	0
92	PLATE8	PX	-.002	-.002	0	0
93	PLATE7	PX	-.002	-.002	0	0
94	PLATE6	PX	-.002	-.002	0	0
95	PLATE5	PX	-.002	-.002	0	0
96	PLATE4	PX	-.002	-.002	0	0
97	PLATE3	PX	-.002	-.002	0	0
98	PLATE2	PX	-.002	-.002	0	0
99	PLATE1	PX	-.002	-.002	0	0
100	MP GAMMA4	PX	-.002	-.002	0	0
101	MP GAMMA3	PX	-.002	-.002	0	0
102	MP GAMMA2	PX	-.002	-.002	0	0
103	MP GAMMA1	PX	-.002	-.002	0	0
104	MP BETA4	PX	-.002	-.002	0	0
105	MP BETA3	PX	-.002	-.002	0	0
106	MP BETA2	PX	-.002	-.002	0	0
107	MP BETA1	PX	-.002	-.002	0	0
108	MP ALPHA4	PX	-.002	-.002	0	0
109	MP ALPHA3	PX	-.002	-.002	0	0
110	MP ALPHA2	PX	-.002	-.002	0	0
111	MP ALPHA1	PX	-.002	-.002	0	0
112	KICKER3	PX	-.00088	-.00088	0	0
113	KICKER2	PX	-.00088	-.00088	0	0
114	KICKER1	PX	-.00088	-.00088	0	0
115	FACE3	PX	-.001	-.001	0	0
116	FACE2	PX	-.001	-.001	0	0
117	FACE1	PX	-.000637	-.000637	0	0
118	CR3B	PX	-.00072	-.00072	0	0
119	CR3A	PX	-.00072	-.00072	0	0
120	CR2B	PX	-.00072	-.00072	0	0
121	CR2A	PX	-.00072	-.00072	0	0
122	CR1B	PX	-.00072	-.00072	0	0
123	CR1A	PX	-.00072	-.00072	0	0
124	CPL6	PX	-.002	-.002	0	0
125	CPL5	PX	-.002	-.002	0	0
126	CPL4	PX	-.002	-.002	0	0
127	CPL3	PX	-.002	-.002	0	0
128	CPL2	PX	-.002	-.002	0	0
129	CPL1	PX	-.002	-.002	0	0
130	CORNER3	PX	-.002	-.002	0	0
131	CORNER2	PX	-.002	-.002	0	0
132	CORNER1	PX	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.000789	-.000789	0	0
2	SUP3A	PY	-.000789	-.000789	0	0
3	SUP2B	PY	-.000789	-.000789	0	0
4	SUP2A	PY	-.000789	-.000789	0	0
5	SUP1B	PY	-.000789	-.000789	0	0
6	SUP1A	PY	-.000789	-.000789	0	0
7	SO3	PY	-.00072	-.00072	0	0
8	SO2	PY	-.00072	-.00072	0	0
9	SO1	PY	-.00072	-.00072	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	RPL6	PY	-.002	-.002	0	0
11	RPL5	PY	-.002	-.002	0	0
12	RPL4	PY	-.002	-.002	0	0
13	RPL3	PY	-.002	-.002	0	0
14	RPL2	PY	-.002	-.002	0	0
15	RPL1	PY	-.002	-.002	0	0
16	RCORNER3	PY	-.00088	-.00088	0	0
17	RCORNER2	PY	-.00088	-.00088	0	0
18	RCORNER1	PY	-.00088	-.00088	0	0
19	RAIL3	PY	-.001	-.001	0	0
20	RAIL2	PY	-.001	-.001	0	0
21	RAIL1	PY	-.000514	-.000514	0	0
22	PLATE12	PY	-.002	-.002	0	0
23	PLATE11	PY	-.002	-.002	0	0
24	PLATE10	PY	-.002	-.002	0	0
25	PLATE9	PY	-.002	-.002	0	0
26	PLATE8	PY	-.002	-.002	0	0
27	PLATE7	PY	-.002	-.002	0	0
28	PLATE6	PY	-.002	-.002	0	0
29	PLATE5	PY	-.002	-.002	0	0
30	PLATE4	PY	-.002	-.002	0	0
31	PLATE3	PY	-.002	-.002	0	0
32	PLATE2	PY	-.002	-.002	0	0
33	PLATE1	PY	-.002	-.002	0	0
34	MP GAMMA4	PY	-.002	-.002	0	0
35	MP GAMMA3	PY	-.002	-.002	0	0
36	MP GAMMA2	PY	-.002	-.002	0	0
37	MP GAMMA1	PY	-.002	-.002	0	0
38	MP BETA4	PY	-.002	-.002	0	0
39	MP BETA3	PY	-.002	-.002	0	0
40	MP BETA2	PY	-.002	-.002	0	0
41	MP BETA1	PY	-.002	-.002	0	0
42	MP ALPHA4	PY	-.002	-.002	0	0
43	MP ALPHA3	PY	-.002	-.002	0	0
44	MP ALPHA2	PY	-.002	-.002	0	0
45	MP ALPHA1	PY	-.002	-.002	0	0
46	KICKER3	PY	-.00088	-.00088	0	0
47	KICKER2	PY	-.00088	-.00088	0	0
48	KICKER1	PY	-.00088	-.00088	0	0
49	FACE3	PY	-.001	-.001	0	0
50	FACE2	PY	-.001	-.001	0	0
51	FACE1	PY	-.000637	-.000637	0	0
52	CR3B	PY	-.00072	-.00072	0	0
53	CR3A	PY	-.00072	-.00072	0	0
54	CR2B	PY	-.00072	-.00072	0	0
55	CR2A	PY	-.00072	-.00072	0	0
56	CR1B	PY	-.00072	-.00072	0	0
57	CR1A	PY	-.00072	-.00072	0	0
58	CPL6	PY	-.002	-.002	0	0
59	CPL5	PY	-.002	-.002	0	0
60	CPL4	PY	-.002	-.002	0	0
61	CPL3	PY	-.002	-.002	0	0
62	CPL2	PY	-.002	-.002	0	0
63	CPL1	PY	-.002	-.002	0	0
64	CORNER3	PY	-.002	-.002	0	0
65	CORNER2	PY	-.002	-.002	0	0
66	CORNER1	PY	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	SUP3B	PX	-.001	-.001	0	0
68	SUP3A	PX	-.001	-.001	0	0
69	SUP2B	PX	-.001	-.001	0	0
70	SUP2A	PX	-.001	-.001	0	0
71	SUP1B	PX	-.001	-.001	0	0
72	SUP1A	PX	-.001	-.001	0	0
73	SO3	PX	-.001	-.001	0	0
74	SO2	PX	-.001	-.001	0	0
75	SO1	PX	-.001	-.001	0	0
76	RPL6	PX	-.003	-.003	0	0
77	RPL5	PX	-.003	-.003	0	0
78	RPL4	PX	-.003	-.003	0	0
79	RPL3	PX	-.003	-.003	0	0
80	RPL2	PX	-.003	-.003	0	0
81	RPL1	PX	-.003	-.003	0	0
82	RCORNER3	PX	-.002	-.002	0	0
83	RCORNER2	PX	-.002	-.002	0	0
84	RCORNER1	PX	-.002	-.002	0	0
85	RAIL3	PX	-.002	-.002	0	0
86	RAIL2	PX	-.002	-.002	0	0
87	RAIL1	PX	-.000891	-.000891	0	0
88	PLATE12	PX	-.003	-.003	0	0
89	PLATE11	PX	-.003	-.003	0	0
90	PLATE10	PX	-.003	-.003	0	0
91	PLATE9	PX	-.003	-.003	0	0
92	PLATE8	PX	-.003	-.003	0	0
93	PLATE7	PX	-.003	-.003	0	0
94	PLATE6	PX	-.003	-.003	0	0
95	PLATE5	PX	-.003	-.003	0	0
96	PLATE4	PX	-.003	-.003	0	0
97	PLATE3	PX	-.003	-.003	0	0
98	PLATE2	PX	-.003	-.003	0	0
99	PLATE1	PX	-.003	-.003	0	0
100	MP GAMMA4	PX	-.003	-.003	0	0
101	MP GAMMA3	PX	-.003	-.003	0	0
102	MP GAMMA2	PX	-.003	-.003	0	0
103	MP GAMMA1	PX	-.003	-.003	0	0
104	MP BETA4	PX	-.003	-.003	0	0
105	MP BETA3	PX	-.003	-.003	0	0
106	MP BETA2	PX	-.003	-.003	0	0
107	MP BETA1	PX	-.003	-.003	0	0
108	MP ALPHA4	PX	-.003	-.003	0	0
109	MP ALPHA3	PX	-.003	-.003	0	0
110	MP ALPHA2	PX	-.003	-.003	0	0
111	MP ALPHA1	PX	-.003	-.003	0	0
112	KICKER3	PX	-.002	-.002	0	0
113	KICKER2	PX	-.002	-.002	0	0
114	KICKER1	PX	-.002	-.002	0	0
115	FACE3	PX	-.002	-.002	0	0
116	FACE2	PX	-.002	-.002	0	0
117	FACE1	PX	-.001	-.001	0	0
118	CR3B	PX	-.001	-.001	0	0
119	CR3A	PX	-.001	-.001	0	0
120	CR2B	PX	-.001	-.001	0	0
121	CR2A	PX	-.001	-.001	0	0
122	CR1B	PX	-.001	-.001	0	0
123	CR1A	PX	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
124	CPL6	PX	-.003	-.003	0	0
125	CPL5	PX	-.003	-.003	0	0
126	CPL4	PX	-.003	-.003	0	0
127	CPL3	PX	-.003	-.003	0	0
128	CPL2	PX	-.003	-.003	0	0
129	CPL1	PX	-.003	-.003	0	0
130	CORNER3	PX	-.003	-.003	0	0
131	CORNER2	PX	-.003	-.003	0	0
132	CORNER1	PX	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PX	-.002	-.002	0	0
2	SUP3A	PX	-.002	-.002	0	0
3	SUP2B	PX	-.002	-.002	0	0
4	SUP2A	PX	-.002	-.002	0	0
5	SUP1B	PX	-.002	-.002	0	0
6	SUP1A	PX	-.002	-.002	0	0
7	SO3	PX	-.001	-.001	0	0
8	SO2	PX	-.001	-.001	0	0
9	SO1	PX	-.001	-.001	0	0
10	RPL6	PX	-.003	-.003	0	0
11	RPL5	PX	-.003	-.003	0	0
12	RPL4	PX	-.003	-.003	0	0
13	RPL3	PX	-.003	-.003	0	0
14	RPL2	PX	-.003	-.003	0	0
15	RPL1	PX	-.003	-.003	0	0
16	RCORNER3	PX	-.002	-.002	0	0
17	RCORNER2	PX	-.002	-.002	0	0
18	RCORNER1	PX	-.002	-.002	0	0
19	RAIL1	PX	-.002	-.002	0	0
20	RAIL3	PX	-.002	-.002	0	0
21	RAIL2	PX	-.001	-.001	0	0
22	PLATE12	PX	-.003	-.003	0	0
23	PLATE11	PX	-.003	-.003	0	0
24	PLATE10	PX	-.003	-.003	0	0
25	PLATE9	PX	-.003	-.003	0	0
26	PLATE8	PX	-.003	-.003	0	0
27	PLATE7	PX	-.003	-.003	0	0
28	PLATE6	PX	-.003	-.003	0	0
29	PLATE5	PX	-.003	-.003	0	0
30	PLATE4	PX	-.003	-.003	0	0
31	PLATE3	PX	-.003	-.003	0	0
32	PLATE2	PX	-.003	-.003	0	0
33	PLATE1	PX	-.003	-.003	0	0
34	MP GAMMA4	PX	-.003	-.003	0	0
35	MP GAMMA3	PX	-.003	-.003	0	0
36	MP GAMMA2	PX	-.003	-.003	0	0
37	MP GAMMA1	PX	-.003	-.003	0	0
38	MP BETA4	PX	-.003	-.003	0	0
39	MP BETA3	PX	-.003	-.003	0	0
40	MP BETA2	PX	-.003	-.003	0	0
41	MP BETA1	PX	-.003	-.003	0	0
42	MP ALPHA4	PX	-.003	-.003	0	0
43	MP ALPHA3	PX	-.003	-.003	0	0
44	MP ALPHA2	PX	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	MP ALPHA1	PX	-.003	-.003	0	0
46	KICKER3	PX	-.002	-.002	0	0
47	KICKER2	PX	-.002	-.002	0	0
48	KICKER1	PX	-.002	-.002	0	0
49	FACE1	PX	-.003	-.003	0	0
50	FACE3	PX	-.003	-.003	0	0
51	FACE2	PX	-.001	-.001	0	0
52	CR3B	PX	-.001	-.001	0	0
53	CR3A	PX	-.001	-.001	0	0
54	CR2B	PX	-.001	-.001	0	0
55	CR2A	PX	-.001	-.001	0	0
56	CR1B	PX	-.001	-.001	0	0
57	CR1A	PX	-.001	-.001	0	0
58	CPL6	PX	-.003	-.003	0	0
59	CPL5	PX	-.003	-.003	0	0
60	CPL4	PX	-.003	-.003	0	0
61	CPL3	PX	-.003	-.003	0	0
62	CPL2	PX	-.003	-.003	0	0
63	CPL1	PX	-.003	-.003	0	0
64	CORNER3	PX	-.003	-.003	0	0
65	CORNER2	PX	-.003	-.003	0	0
66	CORNER1	PX	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.000789	.000789	0	0
2	SUP3A	PY	.000789	.000789	0	0
3	SUP2B	PY	.000789	.000789	0	0
4	SUP2A	PY	.000789	.000789	0	0
5	SUP1B	PY	.000789	.000789	0	0
6	SUP1A	PY	.000789	.000789	0	0
7	SO3	PY	.00072	.00072	0	0
8	SO2	PY	.00072	.00072	0	0
9	SO1	PY	.00072	.00072	0	0
10	RPL6	PY	.002	.002	0	0
11	RPL5	PY	.002	.002	0	0
12	RPL4	PY	.002	.002	0	0
13	RPL3	PY	.002	.002	0	0
14	RPL2	PY	.002	.002	0	0
15	RPL1	PY	.002	.002	0	0
16	RCORNER3	PY	.00088	.00088	0	0
17	RCORNER2	PY	.00088	.00088	0	0
18	RCORNER1	PY	.00088	.00088	0	0
19	RAIL1	PY	.001	.001	0	0
20	RAIL3	PY	.001	.001	0	0
21	RAIL2	PY	.000514	.000514	0	0
22	PLATE12	PY	.002	.002	0	0
23	PLATE11	PY	.002	.002	0	0
24	PLATE10	PY	.002	.002	0	0
25	PLATE9	PY	.002	.002	0	0
26	PLATE8	PY	.002	.002	0	0
27	PLATE7	PY	.002	.002	0	0
28	PLATE6	PY	.002	.002	0	0
29	PLATE5	PY	.002	.002	0	0
30	PLATE4	PY	.002	.002	0	0
31	PLATE3	PY	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
32	PLATE2	PY	.002	.002	0	0
33	PLATE1	PY	.002	.002	0	0
34	MP GAMMA4	PY	.002	.002	0	0
35	MP GAMMA3	PY	.002	.002	0	0
36	MP GAMMA2	PY	.002	.002	0	0
37	MP GAMMA1	PY	.002	.002	0	0
38	MP BETA4	PY	.002	.002	0	0
39	MP BETA3	PY	.002	.002	0	0
40	MP BETA2	PY	.002	.002	0	0
41	MP BETA1	PY	.002	.002	0	0
42	MP ALPHA4	PY	.002	.002	0	0
43	MP ALPHA3	PY	.002	.002	0	0
44	MP ALPHA2	PY	.002	.002	0	0
45	MP ALPHA1	PY	.002	.002	0	0
46	KICKER3	PY	.00088	.00088	0	0
47	KICKER2	PY	.00088	.00088	0	0
48	KICKER1	PY	.00088	.00088	0	0
49	FACE1	PY	.001	.001	0	0
50	FACE3	PY	.001	.001	0	0
51	FACE2	PY	.000637	.000637	0	0
52	CR3B	PY	.00072	.00072	0	0
53	CR3A	PY	.00072	.00072	0	0
54	CR2B	PY	.00072	.00072	0	0
55	CR2A	PY	.00072	.00072	0	0
56	CR1B	PY	.00072	.00072	0	0
57	CR1A	PY	.00072	.00072	0	0
58	CPL6	PY	.002	.002	0	0
59	CPL5	PY	.002	.002	0	0
60	CPL4	PY	.002	.002	0	0
61	CPL3	PY	.002	.002	0	0
62	CPL2	PY	.002	.002	0	0
63	CPL1	PY	.002	.002	0	0
64	CORNER3	PY	.002	.002	0	0
65	CORNER2	PY	.002	.002	0	0
66	CORNER1	PY	.002	.002	0	0
67	SUP3B	PX	-.001	-.001	0	0
68	SUP3A	PX	-.001	-.001	0	0
69	SUP2B	PX	-.001	-.001	0	0
70	SUP2A	PX	-.001	-.001	0	0
71	SUP1B	PX	-.001	-.001	0	0
72	SUP1A	PX	-.001	-.001	0	0
73	SO3	PX	-.001	-.001	0	0
74	SO2	PX	-.001	-.001	0	0
75	SO1	PX	-.001	-.001	0	0
76	RPL6	PX	-.003	-.003	0	0
77	RPL5	PX	-.003	-.003	0	0
78	RPL4	PX	-.003	-.003	0	0
79	RPL3	PX	-.003	-.003	0	0
80	RPL2	PX	-.003	-.003	0	0
81	RPL1	PX	-.003	-.003	0	0
82	RCORNER3	PX	-.002	-.002	0	0
83	RCORNER2	PX	-.002	-.002	0	0
84	RCORNER1	PX	-.002	-.002	0	0
85	RAIL1	PX	-.002	-.002	0	0
86	RAIL3	PX	-.002	-.002	0	0
87	RAIL2	PX	-.000891	-.000891	0	0
88	PLATE12	PX	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	PLATE11	PX	-.003	-.003	0	0
90	PLATE10	PX	-.003	-.003	0	0
91	PLATE9	PX	-.003	-.003	0	0
92	PLATE8	PX	-.003	-.003	0	0
93	PLATE7	PX	-.003	-.003	0	0
94	PLATE6	PX	-.003	-.003	0	0
95	PLATE5	PX	-.003	-.003	0	0
96	PLATE4	PX	-.003	-.003	0	0
97	PLATE3	PX	-.003	-.003	0	0
98	PLATE2	PX	-.003	-.003	0	0
99	PLATE1	PX	-.003	-.003	0	0
100	MP GAMMA4	PX	-.003	-.003	0	0
101	MP GAMMA3	PX	-.003	-.003	0	0
102	MP GAMMA2	PX	-.003	-.003	0	0
103	MP GAMMA1	PX	-.003	-.003	0	0
104	MP BETA4	PX	-.003	-.003	0	0
105	MP BETA3	PX	-.003	-.003	0	0
106	MP BETA2	PX	-.003	-.003	0	0
107	MP BETA1	PX	-.003	-.003	0	0
108	MP ALPHA4	PX	-.003	-.003	0	0
109	MP ALPHA3	PX	-.003	-.003	0	0
110	MP ALPHA2	PX	-.003	-.003	0	0
111	MP ALPHA1	PX	-.003	-.003	0	0
112	KICKER3	PX	-.002	-.002	0	0
113	KICKER2	PX	-.002	-.002	0	0
114	KICKER1	PX	-.002	-.002	0	0
115	FACE1	PX	-.002	-.002	0	0
116	FACE3	PX	-.002	-.002	0	0
117	FACE2	PX	-.001	-.001	0	0
118	CR3B	PX	-.001	-.001	0	0
119	CR3A	PX	-.001	-.001	0	0
120	CR2B	PX	-.001	-.001	0	0
121	CR2A	PX	-.001	-.001	0	0
122	CR1B	PX	-.001	-.001	0	0
123	CR1A	PX	-.001	-.001	0	0
124	CPL6	PX	-.003	-.003	0	0
125	CPL5	PX	-.003	-.003	0	0
126	CPL4	PX	-.003	-.003	0	0
127	CPL3	PX	-.003	-.003	0	0
128	CPL2	PX	-.003	-.003	0	0
129	CPL1	PX	-.003	-.003	0	0
130	CORNER3	PX	-.003	-.003	0	0
131	CORNER2	PX	-.003	-.003	0	0
132	CORNER1	PX	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.001	.001	0	0
2	SUP3A	PY	.001	.001	0	0
3	SUP2B	PY	.001	.001	0	0
4	SUP2A	PY	.001	.001	0	0
5	SUP1B	PY	.001	.001	0	0
6	SUP1A	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

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	RPL6	PY	.003	.003	0	0
11	RPL5	PY	.003	.003	0	0
12	RPL4	PY	.003	.003	0	0
13	RPL3	PY	.003	.003	0	0
14	RPL2	PY	.003	.003	0	0
15	RPL1	PY	.003	.003	0	0
16	RCORNER3	PY	.002	.002	0	0
17	RCORNER2	PY	.002	.002	0	0
18	RCORNER1	PY	.002	.002	0	0
19	RAIL1	PY	.002	.002	0	0
20	RAIL3	PY	.002	.002	0	0
21	RAIL2	PY	.000891	.000891	0	0
22	PLATE12	PY	.003	.003	0	0
23	PLATE11	PY	.003	.003	0	0
24	PLATE10	PY	.003	.003	0	0
25	PLATE9	PY	.003	.003	0	0
26	PLATE8	PY	.003	.003	0	0
27	PLATE7	PY	.003	.003	0	0
28	PLATE6	PY	.003	.003	0	0
29	PLATE5	PY	.003	.003	0	0
30	PLATE4	PY	.003	.003	0	0
31	PLATE3	PY	.003	.003	0	0
32	PLATE2	PY	.003	.003	0	0
33	PLATE1	PY	.003	.003	0	0
34	MP GAMMA4	PY	.003	.003	0	0
35	MP GAMMA3	PY	.003	.003	0	0
36	MP GAMMA2	PY	.003	.003	0	0
37	MP GAMMA1	PY	.003	.003	0	0
38	MP BETA4	PY	.003	.003	0	0
39	MP BETA3	PY	.003	.003	0	0
40	MP BETA2	PY	.003	.003	0	0
41	MP BETA1	PY	.003	.003	0	0
42	MP ALPHA4	PY	.003	.003	0	0
43	MP ALPHA3	PY	.003	.003	0	0
44	MP ALPHA2	PY	.003	.003	0	0
45	MP ALPHA1	PY	.003	.003	0	0
46	KICKER3	PY	.002	.002	0	0
47	KICKER2	PY	.002	.002	0	0
48	KICKER1	PY	.002	.002	0	0
49	FACE1	PY	.002	.002	0	0
50	FACE3	PY	.002	.002	0	0
51	FACE2	PY	.001	.001	0	0
52	CR3B	PY	.001	.001	0	0
53	CR3A	PY	.001	.001	0	0
54	CR2B	PY	.001	.001	0	0
55	CR2A	PY	.001	.001	0	0
56	CR1B	PY	.001	.001	0	0
57	CR1A	PY	.001	.001	0	0
58	CPL6	PY	.003	.003	0	0
59	CPL5	PY	.003	.003	0	0
60	CPL4	PY	.003	.003	0	0
61	CPL3	PY	.003	.003	0	0
62	CPL2	PY	.003	.003	0	0
63	CPL1	PY	.003	.003	0	0
64	CORNER3	PY	.003	.003	0	0
65	CORNER2	PY	.003	.003	0	0
66	CORNER1	PY	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	SUP3B	PX	-.000789	-.000789	0	0
68	SUP3A	PX	-.000789	-.000789	0	0
69	SUP2B	PX	-.000789	-.000789	0	0
70	SUP2A	PX	-.000789	-.000789	0	0
71	SUP1B	PX	-.000789	-.000789	0	0
72	SUP1A	PX	-.000789	-.000789	0	0
73	SO3	PX	-.00072	-.00072	0	0
74	SO2	PX	-.00072	-.00072	0	0
75	SO1	PX	-.00072	-.00072	0	0
76	RPL6	PX	-.002	-.002	0	0
77	RPL5	PX	-.002	-.002	0	0
78	RPL4	PX	-.002	-.002	0	0
79	RPL3	PX	-.002	-.002	0	0
80	RPL2	PX	-.002	-.002	0	0
81	RPL1	PX	-.002	-.002	0	0
82	RCORNER3	PX	-.00088	-.00088	0	0
83	RCORNER2	PX	-.00088	-.00088	0	0
84	RCORNER1	PX	-.00088	-.00088	0	0
85	RAIL1	PX	-.001	-.001	0	0
86	RAIL3	PX	-.001	-.001	0	0
87	RAIL2	PX	-.000514	-.000514	0	0
88	PLATE12	PX	-.002	-.002	0	0
89	PLATE11	PX	-.002	-.002	0	0
90	PLATE10	PX	-.002	-.002	0	0
91	PLATE9	PX	-.002	-.002	0	0
92	PLATE8	PX	-.002	-.002	0	0
93	PLATE7	PX	-.002	-.002	0	0
94	PLATE6	PX	-.002	-.002	0	0
95	PLATE5	PX	-.002	-.002	0	0
96	PLATE4	PX	-.002	-.002	0	0
97	PLATE3	PX	-.002	-.002	0	0
98	PLATE2	PX	-.002	-.002	0	0
99	PLATE1	PX	-.002	-.002	0	0
100	MP GAMMA4	PX	-.002	-.002	0	0
101	MP GAMMA3	PX	-.002	-.002	0	0
102	MP GAMMA2	PX	-.002	-.002	0	0
103	MP GAMMA1	PX	-.002	-.002	0	0
104	MP BETA4	PX	-.002	-.002	0	0
105	MP BETA3	PX	-.002	-.002	0	0
106	MP BETA2	PX	-.002	-.002	0	0
107	MP BETA1	PX	-.002	-.002	0	0
108	MP ALPHA4	PX	-.002	-.002	0	0
109	MP ALPHA3	PX	-.002	-.002	0	0
110	MP ALPHA2	PX	-.002	-.002	0	0
111	MP ALPHA1	PX	-.002	-.002	0	0
112	KICKER3	PX	-.00088	-.00088	0	0
113	KICKER2	PX	-.00088	-.00088	0	0
114	KICKER1	PX	-.00088	-.00088	0	0
115	FACE1	PX	-.001	-.001	0	0
116	FACE3	PX	-.001	-.001	0	0
117	FACE2	PX	-.000637	-.000637	0	0
118	CR3B	PX	-.00072	-.00072	0	0
119	CR3A	PX	-.00072	-.00072	0	0
120	CR2B	PX	-.00072	-.00072	0	0
121	CR2A	PX	-.00072	-.00072	0	0
122	CR1B	PX	-.00072	-.00072	0	0
123	CR1A	PX	-.00072	-.00072	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
124	CPL6	PX	-.002	-.002	0	0
125	CPL5	PX	-.002	-.002	0	0
126	CPL4	PX	-.002	-.002	0	0
127	CPL3	PX	-.002	-.002	0	0
128	CPL2	PX	-.002	-.002	0	0
129	CPL1	PX	-.002	-.002	0	0
130	CORNER3	PX	-.002	-.002	0	0
131	CORNER2	PX	-.002	-.002	0	0
132	CORNER1	PX	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.002	.002	0	0
2	SUP3A	PY	.002	.002	0	0
3	SUP2B	PY	.002	.002	0	0
4	SUP2A	PY	.002	.002	0	0
5	SUP1B	PY	.002	.002	0	0
6	SUP1A	PY	.002	.002	0	0
7	SO3	PY	.001	.001	0	0
8	SO2	PY	.001	.001	0	0
9	SO1	PY	.001	.001	0	0
10	RPL6	PY	.003	.003	0	0
11	RPL5	PY	.003	.003	0	0
12	RPL4	PY	.003	.003	0	0
13	RPL3	PY	.003	.003	0	0
14	RPL2	PY	.003	.003	0	0
15	RPL1	PY	.003	.003	0	0
16	RCORNER3	PY	.002	.002	0	0
17	RCORNER2	PY	.002	.002	0	0
18	RCORNER1	PY	.002	.002	0	0
19	RAIL1	PY	.002	.002	0	0
20	RAIL3	PY	.002	.002	0	0
21	RAIL2	PY	.001	.001	0	0
22	PLATE12	PY	.003	.003	0	0
23	PLATE11	PY	.003	.003	0	0
24	PLATE10	PY	.003	.003	0	0
25	PLATE9	PY	.003	.003	0	0
26	PLATE8	PY	.003	.003	0	0
27	PLATE7	PY	.003	.003	0	0
28	PLATE6	PY	.003	.003	0	0
29	PLATE5	PY	.003	.003	0	0
30	PLATE4	PY	.003	.003	0	0
31	PLATE3	PY	.003	.003	0	0
32	PLATE2	PY	.003	.003	0	0
33	PLATE1	PY	.003	.003	0	0
34	MP GAMMA4	PY	.003	.003	0	0
35	MP GAMMA3	PY	.003	.003	0	0
36	MP GAMMA2	PY	.003	.003	0	0
37	MP GAMMA1	PY	.003	.003	0	0
38	MP BETA4	PY	.003	.003	0	0
39	MP BETA3	PY	.003	.003	0	0
40	MP BETA2	PY	.003	.003	0	0
41	MP BETA1	PY	.003	.003	0	0
42	MP ALPHA4	PY	.003	.003	0	0
43	MP ALPHA3	PY	.003	.003	0	0
44	MP ALPHA2	PY	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	MP ALPHA1	PY	.003	.003	0	0
46	KICKER3	PY	.002	.002	0	0
47	KICKER2	PY	.002	.002	0	0
48	KICKER1	PY	.002	.002	0	0
49	FACE1	PY	.003	.003	0	0
50	FACE3	PY	.003	.003	0	0
51	FACE2	PY	.001	.001	0	0
52	CR3B	PY	.001	.001	0	0
53	CR3A	PY	.001	.001	0	0
54	CR2B	PY	.001	.001	0	0
55	CR2A	PY	.001	.001	0	0
56	CR1B	PY	.001	.001	0	0
57	CR1A	PY	.001	.001	0	0
58	CPL6	PY	.003	.003	0	0
59	CPL5	PY	.003	.003	0	0
60	CPL4	PY	.003	.003	0	0
61	CPL3	PY	.003	.003	0	0
62	CPL2	PY	.003	.003	0	0
63	CPL1	PY	.003	.003	0	0
64	CORNER3	PY	.003	.003	0	0
65	CORNER2	PY	.003	.003	0	0
66	CORNER1	PY	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.001	.001	0	0
2	SUP3A	PY	.001	.001	0	0
3	SUP2B	PY	.001	.001	0	0
4	SUP2A	PY	.001	.001	0	0
5	SUP1B	PY	.001	.001	0	0
6	SUP1A	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	RPL6	PY	.003	.003	0	0
11	RPL5	PY	.003	.003	0	0
12	RPL4	PY	.003	.003	0	0
13	RPL3	PY	.003	.003	0	0
14	RPL2	PY	.003	.003	0	0
15	RPL1	PY	.003	.003	0	0
16	RCORNER3	PY	.002	.002	0	0
17	RCORNER2	PY	.002	.002	0	0
18	RCORNER1	PY	.002	.002	0	0
19	RAIL1	PY	.002	.002	0	0
20	RAIL2	PY	.002	.002	0	0
21	RAIL3	PY	.000891	.000891	0	0
22	PLATE12	PY	.003	.003	0	0
23	PLATE11	PY	.003	.003	0	0
24	PLATE10	PY	.003	.003	0	0
25	PLATE9	PY	.003	.003	0	0
26	PLATE8	PY	.003	.003	0	0
27	PLATE7	PY	.003	.003	0	0
28	PLATE6	PY	.003	.003	0	0
29	PLATE5	PY	.003	.003	0	0
30	PLATE4	PY	.003	.003	0	0
31	PLATE3	PY	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
32	PLATE2	PY	.003	.003	0	0
33	PLATE1	PY	.003	.003	0	0
34	MP GAMMA4	PY	.003	.003	0	0
35	MP GAMMA3	PY	.003	.003	0	0
36	MP GAMMA2	PY	.003	.003	0	0
37	MP GAMMA1	PY	.003	.003	0	0
38	MP BETA4	PY	.003	.003	0	0
39	MP BETA3	PY	.003	.003	0	0
40	MP BETA2	PY	.003	.003	0	0
41	MP BETA1	PY	.003	.003	0	0
42	MP ALPHA4	PY	.003	.003	0	0
43	MP ALPHA3	PY	.003	.003	0	0
44	MP ALPHA2	PY	.003	.003	0	0
45	MP ALPHA1	PY	.003	.003	0	0
46	KICKER3	PY	.002	.002	0	0
47	KICKER2	PY	.002	.002	0	0
48	KICKER1	PY	.002	.002	0	0
49	FACE1	PY	.002	.002	0	0
50	FACE2	PY	.002	.002	0	0
51	FACE3	PY	.001	.001	0	0
52	CR3B	PY	.001	.001	0	0
53	CR3A	PY	.001	.001	0	0
54	CR2B	PY	.001	.001	0	0
55	CR2A	PY	.001	.001	0	0
56	CR1B	PY	.001	.001	0	0
57	CR1A	PY	.001	.001	0	0
58	CPL6	PY	.003	.003	0	0
59	CPL5	PY	.003	.003	0	0
60	CPL4	PY	.003	.003	0	0
61	CPL3	PY	.003	.003	0	0
62	CPL2	PY	.003	.003	0	0
63	CPL1	PY	.003	.003	0	0
64	CORNER3	PY	.003	.003	0	0
65	CORNER2	PY	.003	.003	0	0
66	CORNER1	PY	.003	.003	0	0
67	SUP3B	PX	.000789	.000789	0	0
68	SUP3A	PX	.000789	.000789	0	0
69	SUP2B	PX	.000789	.000789	0	0
70	SUP2A	PX	.000789	.000789	0	0
71	SUP1B	PX	.000789	.000789	0	0
72	SUP1A	PX	.000789	.000789	0	0
73	SO3	PX	.00072	.00072	0	0
74	SO2	PX	.00072	.00072	0	0
75	SO1	PX	.00072	.00072	0	0
76	RPL6	PX	.002	.002	0	0
77	RPL5	PX	.002	.002	0	0
78	RPL4	PX	.002	.002	0	0
79	RPL3	PX	.002	.002	0	0
80	RPL2	PX	.002	.002	0	0
81	RPL1	PX	.002	.002	0	0
82	RCORNER3	PX	.00088	.00088	0	0
83	RCORNER2	PX	.00088	.00088	0	0
84	RCORNER1	PX	.00088	.00088	0	0
85	RAIL1	PX	.001	.001	0	0
86	RAIL2	PX	.001	.001	0	0
87	RAIL3	PX	.000514	.000514	0	0
88	PLATE12	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	PLATE11	PX	.002	.002	0	0
90	PLATE10	PX	.002	.002	0	0
91	PLATE9	PX	.002	.002	0	0
92	PLATE8	PX	.002	.002	0	0
93	PLATE7	PX	.002	.002	0	0
94	PLATE6	PX	.002	.002	0	0
95	PLATE5	PX	.002	.002	0	0
96	PLATE4	PX	.002	.002	0	0
97	PLATE3	PX	.002	.002	0	0
98	PLATE2	PX	.002	.002	0	0
99	PLATE1	PX	.002	.002	0	0
100	MP GAMMA4	PX	.002	.002	0	0
101	MP GAMMA3	PX	.002	.002	0	0
102	MP GAMMA2	PX	.002	.002	0	0
103	MP GAMMA1	PX	.002	.002	0	0
104	MP BETA4	PX	.002	.002	0	0
105	MP BETA3	PX	.002	.002	0	0
106	MP BETA2	PX	.002	.002	0	0
107	MP BETA1	PX	.002	.002	0	0
108	MP ALPHA4	PX	.002	.002	0	0
109	MP ALPHA3	PX	.002	.002	0	0
110	MP ALPHA2	PX	.002	.002	0	0
111	MP ALPHA1	PX	.002	.002	0	0
112	KICKER3	PX	.00088	.00088	0	0
113	KICKER2	PX	.00088	.00088	0	0
114	KICKER1	PX	.00088	.00088	0	0
115	FACE1	PX	.001	.001	0	0
116	FACE2	PX	.001	.001	0	0
117	FACE3	PX	.000637	.000637	0	0
118	CR3B	PX	.00072	.00072	0	0
119	CR3A	PX	.00072	.00072	0	0
120	CR2B	PX	.00072	.00072	0	0
121	CR2A	PX	.00072	.00072	0	0
122	CR1B	PX	.00072	.00072	0	0
123	CR1A	PX	.00072	.00072	0	0
124	CPL6	PX	.002	.002	0	0
125	CPL5	PX	.002	.002	0	0
126	CPL4	PX	.002	.002	0	0
127	CPL3	PX	.002	.002	0	0
128	CPL2	PX	.002	.002	0	0
129	CPL1	PX	.002	.002	0	0
130	CORNER3	PX	.002	.002	0	0
131	CORNER2	PX	.002	.002	0	0
132	CORNER1	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	.000789	.000789	0	0
2	SUP3A	PY	.000789	.000789	0	0
3	SUP2B	PY	.000789	.000789	0	0
4	SUP2A	PY	.000789	.000789	0	0
5	SUP1B	PY	.000789	.000789	0	0
6	SUP1A	PY	.000789	.000789	0	0
7	SO3	PY	.00072	.00072	0	0
8	SO2	PY	.00072	.00072	0	0
9	SO1	PY	.00072	.00072	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	RPL6	PY	.002	.002	0	0
11	RPL5	PY	.002	.002	0	0
12	RPL4	PY	.002	.002	0	0
13	RPL3	PY	.002	.002	0	0
14	RPL2	PY	.002	.002	0	0
15	RPL1	PY	.002	.002	0	0
16	RCORNER3	PY	.00088	.00088	0	0
17	RCORNER2	PY	.00088	.00088	0	0
18	RCORNER1	PY	.00088	.00088	0	0
19	RAIL1	PY	.001	.001	0	0
20	RAIL2	PY	.001	.001	0	0
21	RAIL3	PY	.000514	.000514	0	0
22	PLATE12	PY	.002	.002	0	0
23	PLATE11	PY	.002	.002	0	0
24	PLATE10	PY	.002	.002	0	0
25	PLATE9	PY	.002	.002	0	0
26	PLATE8	PY	.002	.002	0	0
27	PLATE7	PY	.002	.002	0	0
28	PLATE6	PY	.002	.002	0	0
29	PLATE5	PY	.002	.002	0	0
30	PLATE4	PY	.002	.002	0	0
31	PLATE3	PY	.002	.002	0	0
32	PLATE2	PY	.002	.002	0	0
33	PLATE1	PY	.002	.002	0	0
34	MP GAMMA4	PY	.002	.002	0	0
35	MP GAMMA3	PY	.002	.002	0	0
36	MP GAMMA2	PY	.002	.002	0	0
37	MP GAMMA1	PY	.002	.002	0	0
38	MP BETA4	PY	.002	.002	0	0
39	MP BETA3	PY	.002	.002	0	0
40	MP BETA2	PY	.002	.002	0	0
41	MP BETA1	PY	.002	.002	0	0
42	MP ALPHA4	PY	.002	.002	0	0
43	MP ALPHA3	PY	.002	.002	0	0
44	MP ALPHA2	PY	.002	.002	0	0
45	MP ALPHA1	PY	.002	.002	0	0
46	KICKER3	PY	.00088	.00088	0	0
47	KICKER2	PY	.00088	.00088	0	0
48	KICKER1	PY	.00088	.00088	0	0
49	FACE1	PY	.001	.001	0	0
50	FACE2	PY	.001	.001	0	0
51	FACE3	PY	.000637	.000637	0	0
52	CR3B	PY	.00072	.00072	0	0
53	CR3A	PY	.00072	.00072	0	0
54	CR2B	PY	.00072	.00072	0	0
55	CR2A	PY	.00072	.00072	0	0
56	CR1B	PY	.00072	.00072	0	0
57	CR1A	PY	.00072	.00072	0	0
58	CPL6	PY	.002	.002	0	0
59	CPL5	PY	.002	.002	0	0
60	CPL4	PY	.002	.002	0	0
61	CPL3	PY	.002	.002	0	0
62	CPL2	PY	.002	.002	0	0
63	CPL1	PY	.002	.002	0	0
64	CORNER3	PY	.002	.002	0	0
65	CORNER2	PY	.002	.002	0	0
66	CORNER1	PY	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	SUP3B	PX	.001	.001	0	0
68	SUP3A	PX	.001	.001	0	0
69	SUP2B	PX	.001	.001	0	0
70	SUP2A	PX	.001	.001	0	0
71	SUP1B	PX	.001	.001	0	0
72	SUP1A	PX	.001	.001	0	0
73	SO3	PX	.001	.001	0	0
74	SO2	PX	.001	.001	0	0
75	SO1	PX	.001	.001	0	0
76	RPL6	PX	.003	.003	0	0
77	RPL5	PX	.003	.003	0	0
78	RPL4	PX	.003	.003	0	0
79	RPL3	PX	.003	.003	0	0
80	RPL2	PX	.003	.003	0	0
81	RPL1	PX	.003	.003	0	0
82	RCORNER3	PX	.002	.002	0	0
83	RCORNER2	PX	.002	.002	0	0
84	RCORNER1	PX	.002	.002	0	0
85	RAIL1	PX	.002	.002	0	0
86	RAIL2	PX	.002	.002	0	0
87	RAIL3	PX	.000891	.000891	0	0
88	PLATE12	PX	.003	.003	0	0
89	PLATE11	PX	.003	.003	0	0
90	PLATE10	PX	.003	.003	0	0
91	PLATE9	PX	.003	.003	0	0
92	PLATE8	PX	.003	.003	0	0
93	PLATE7	PX	.003	.003	0	0
94	PLATE6	PX	.003	.003	0	0
95	PLATE5	PX	.003	.003	0	0
96	PLATE4	PX	.003	.003	0	0
97	PLATE3	PX	.003	.003	0	0
98	PLATE2	PX	.003	.003	0	0
99	PLATE1	PX	.003	.003	0	0
100	MP GAMMA4	PX	.003	.003	0	0
101	MP GAMMA3	PX	.003	.003	0	0
102	MP GAMMA2	PX	.003	.003	0	0
103	MP GAMMA1	PX	.003	.003	0	0
104	MP BETA4	PX	.003	.003	0	0
105	MP BETA3	PX	.003	.003	0	0
106	MP BETA2	PX	.003	.003	0	0
107	MP BETA1	PX	.003	.003	0	0
108	MP ALPHA4	PX	.003	.003	0	0
109	MP ALPHA3	PX	.003	.003	0	0
110	MP ALPHA2	PX	.003	.003	0	0
111	MP ALPHA1	PX	.003	.003	0	0
112	KICKER3	PX	.002	.002	0	0
113	KICKER2	PX	.002	.002	0	0
114	KICKER1	PX	.002	.002	0	0
115	FACE1	PX	.002	.002	0	0
116	FACE2	PX	.002	.002	0	0
117	FACE3	PX	.001	.001	0	0
118	CR3B	PX	.001	.001	0	0
119	CR3A	PX	.001	.001	0	0
120	CR2B	PX	.001	.001	0	0
121	CR2A	PX	.001	.001	0	0
122	CR1B	PX	.001	.001	0	0
123	CR1A	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
124	CPL6	PX	.003	.003	0	0
125	CPL5	PX	.003	.003	0	0
126	CPL4	PX	.003	.003	0	0
127	CPL3	PX	.003	.003	0	0
128	CPL2	PX	.003	.003	0	0
129	CPL1	PX	.003	.003	0	0
130	CORNER3	PX	.003	.003	0	0
131	CORNER2	PX	.003	.003	0	0
132	CORNER1	PX	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PX	.002	.002	0	0
2	SUP3A	PX	.002	.002	0	0
3	SUP2B	PX	.002	.002	0	0
4	SUP2A	PX	.002	.002	0	0
5	SUP1B	PX	.002	.002	0	0
6	SUP1A	PX	.002	.002	0	0
7	SO3	PX	.001	.001	0	0
8	SO2	PX	.001	.001	0	0
9	SO1	PX	.001	.001	0	0
10	RPL6	PX	.003	.003	0	0
11	RPL5	PX	.003	.003	0	0
12	RPL4	PX	.003	.003	0	0
13	RPL3	PX	.003	.003	0	0
14	RPL2	PX	.003	.003	0	0
15	RPL1	PX	.003	.003	0	0
16	RCORNER3	PX	.002	.002	0	0
17	RCORNER2	PX	.002	.002	0	0
18	RCORNER1	PX	.002	.002	0	0
19	RAIL1	PX	.002	.002	0	0
20	RAIL2	PX	.002	.002	0	0
21	RAIL3	PX	.001	.001	0	0
22	PLATE12	PX	.003	.003	0	0
23	PLATE11	PX	.003	.003	0	0
24	PLATE10	PX	.003	.003	0	0
25	PLATE9	PX	.003	.003	0	0
26	PLATE8	PX	.003	.003	0	0
27	PLATE7	PX	.003	.003	0	0
28	PLATE6	PX	.003	.003	0	0
29	PLATE5	PX	.003	.003	0	0
30	PLATE4	PX	.003	.003	0	0
31	PLATE3	PX	.003	.003	0	0
32	PLATE2	PX	.003	.003	0	0
33	PLATE1	PX	.003	.003	0	0
34	MP GAMMA4	PX	.003	.003	0	0
35	MP GAMMA3	PX	.003	.003	0	0
36	MP GAMMA2	PX	.003	.003	0	0
37	MP GAMMA1	PX	.003	.003	0	0
38	MP BETA4	PX	.003	.003	0	0
39	MP BETA3	PX	.003	.003	0	0
40	MP BETA2	PX	.003	.003	0	0
41	MP BETA1	PX	.003	.003	0	0
42	MP ALPHA4	PX	.003	.003	0	0
43	MP ALPHA3	PX	.003	.003	0	0
44	MP ALPHA2	PX	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	MP ALPHA1	PX	.003	.003	0	0
46	KICKER3	PX	.002	.002	0	0
47	KICKER2	PX	.002	.002	0	0
48	KICKER1	PX	.002	.002	0	0
49	FACE1	PX	.003	.003	0	0
50	FACE2	PX	.003	.003	0	0
51	FACE3	PX	.001	.001	0	0
52	CR3B	PX	.001	.001	0	0
53	CR3A	PX	.001	.001	0	0
54	CR2B	PX	.001	.001	0	0
55	CR2A	PX	.001	.001	0	0
56	CR1B	PX	.001	.001	0	0
57	CR1A	PX	.001	.001	0	0
58	CPL6	PX	.003	.003	0	0
59	CPL5	PX	.003	.003	0	0
60	CPL4	PX	.003	.003	0	0
61	CPL3	PX	.003	.003	0	0
62	CPL2	PX	.003	.003	0	0
63	CPL1	PX	.003	.003	0	0
64	CORNER3	PX	.003	.003	0	0
65	CORNER2	PX	.003	.003	0	0
66	CORNER1	PX	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.000789	-.000789	0	0
2	SUP3A	PY	-.000789	-.000789	0	0
3	SUP2B	PY	-.000789	-.000789	0	0
4	SUP2A	PY	-.000789	-.000789	0	0
5	SUP1B	PY	-.000789	-.000789	0	0
6	SUP1A	PY	-.000789	-.000789	0	0
7	SO3	PY	-.00072	-.00072	0	0
8	SO2	PY	-.00072	-.00072	0	0
9	SO1	PY	-.00072	-.00072	0	0
10	RPL6	PY	-.002	-.002	0	0
11	RPL5	PY	-.002	-.002	0	0
12	RPL4	PY	-.002	-.002	0	0
13	RPL3	PY	-.002	-.002	0	0
14	RPL2	PY	-.002	-.002	0	0
15	RPL1	PY	-.002	-.002	0	0
16	RCORNER3	PY	-.00088	-.00088	0	0
17	RCORNER2	PY	-.00088	-.00088	0	0
18	RCORNER1	PY	-.00088	-.00088	0	0
19	RAIL1	PY	-.001	-.001	0	0
20	RAIL2	PY	-.001	-.001	0	0
21	RAIL3	PY	-.000514	-.000514	0	0
22	PLATE12	PY	-.002	-.002	0	0
23	PLATE11	PY	-.002	-.002	0	0
24	PLATE10	PY	-.002	-.002	0	0
25	PLATE9	PY	-.002	-.002	0	0
26	PLATE8	PY	-.002	-.002	0	0
27	PLATE7	PY	-.002	-.002	0	0
28	PLATE6	PY	-.002	-.002	0	0
29	PLATE5	PY	-.002	-.002	0	0
30	PLATE4	PY	-.002	-.002	0	0
31	PLATE3	PY	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
32	PLATE2	PY	-.002	-.002	0	0
33	PLATE1	PY	-.002	-.002	0	0
34	MP GAMMA4	PY	-.002	-.002	0	0
35	MP GAMMA3	PY	-.002	-.002	0	0
36	MP GAMMA2	PY	-.002	-.002	0	0
37	MP GAMMA1	PY	-.002	-.002	0	0
38	MP BETA4	PY	-.002	-.002	0	0
39	MP BETA3	PY	-.002	-.002	0	0
40	MP BETA2	PY	-.002	-.002	0	0
41	MP BETA1	PY	-.002	-.002	0	0
42	MP ALPHA4	PY	-.002	-.002	0	0
43	MP ALPHA3	PY	-.002	-.002	0	0
44	MP ALPHA2	PY	-.002	-.002	0	0
45	MP ALPHA1	PY	-.002	-.002	0	0
46	KICKER3	PY	-.00088	-.00088	0	0
47	KICKER2	PY	-.00088	-.00088	0	0
48	KICKER1	PY	-.00088	-.00088	0	0
49	FACE1	PY	-.001	-.001	0	0
50	FACE2	PY	-.001	-.001	0	0
51	FACE3	PY	-.000637	-.000637	0	0
52	CR3B	PY	-.00072	-.00072	0	0
53	CR3A	PY	-.00072	-.00072	0	0
54	CR2B	PY	-.00072	-.00072	0	0
55	CR2A	PY	-.00072	-.00072	0	0
56	CR1B	PY	-.00072	-.00072	0	0
57	CR1A	PY	-.00072	-.00072	0	0
58	CPL6	PY	-.002	-.002	0	0
59	CPL5	PY	-.002	-.002	0	0
60	CPL4	PY	-.002	-.002	0	0
61	CPL3	PY	-.002	-.002	0	0
62	CPL2	PY	-.002	-.002	0	0
63	CPL1	PY	-.002	-.002	0	0
64	CORNER3	PY	-.002	-.002	0	0
65	CORNER2	PY	-.002	-.002	0	0
66	CORNER1	PY	-.002	-.002	0	0
67	SUP3B	PX	.001	.001	0	0
68	SUP3A	PX	.001	.001	0	0
69	SUP2B	PX	.001	.001	0	0
70	SUP2A	PX	.001	.001	0	0
71	SUP1B	PX	.001	.001	0	0
72	SUP1A	PX	.001	.001	0	0
73	SO3	PX	.001	.001	0	0
74	SO2	PX	.001	.001	0	0
75	SO1	PX	.001	.001	0	0
76	RPL6	PX	.003	.003	0	0
77	RPL5	PX	.003	.003	0	0
78	RPL4	PX	.003	.003	0	0
79	RPL3	PX	.003	.003	0	0
80	RPL2	PX	.003	.003	0	0
81	RPL1	PX	.003	.003	0	0
82	RCORNER3	PX	.002	.002	0	0
83	RCORNER2	PX	.002	.002	0	0
84	RCORNER1	PX	.002	.002	0	0
85	RAIL1	PX	.002	.002	0	0
86	RAIL2	PX	.002	.002	0	0
87	RAIL3	PX	.000891	.000891	0	0
88	PLATE12	PX	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	PLATE11	PX	.003	.003	0	0
90	PLATE10	PX	.003	.003	0	0
91	PLATE9	PX	.003	.003	0	0
92	PLATE8	PX	.003	.003	0	0
93	PLATE7	PX	.003	.003	0	0
94	PLATE6	PX	.003	.003	0	0
95	PLATE5	PX	.003	.003	0	0
96	PLATE4	PX	.003	.003	0	0
97	PLATE3	PX	.003	.003	0	0
98	PLATE2	PX	.003	.003	0	0
99	PLATE1	PX	.003	.003	0	0
100	MP GAMMA4	PX	.003	.003	0	0
101	MP GAMMA3	PX	.003	.003	0	0
102	MP GAMMA2	PX	.003	.003	0	0
103	MP GAMMA1	PX	.003	.003	0	0
104	MP BETA4	PX	.003	.003	0	0
105	MP BETA3	PX	.003	.003	0	0
106	MP BETA2	PX	.003	.003	0	0
107	MP BETA1	PX	.003	.003	0	0
108	MP ALPHA4	PX	.003	.003	0	0
109	MP ALPHA3	PX	.003	.003	0	0
110	MP ALPHA2	PX	.003	.003	0	0
111	MP ALPHA1	PX	.003	.003	0	0
112	KICKER3	PX	.002	.002	0	0
113	KICKER2	PX	.002	.002	0	0
114	KICKER1	PX	.002	.002	0	0
115	FACE1	PX	.002	.002	0	0
116	FACE2	PX	.002	.002	0	0
117	FACE3	PX	.001	.001	0	0
118	CR3B	PX	.001	.001	0	0
119	CR3A	PX	.001	.001	0	0
120	CR2B	PX	.001	.001	0	0
121	CR2A	PX	.001	.001	0	0
122	CR1B	PX	.001	.001	0	0
123	CR1A	PX	.001	.001	0	0
124	CPL6	PX	.003	.003	0	0
125	CPL5	PX	.003	.003	0	0
126	CPL4	PX	.003	.003	0	0
127	CPL3	PX	.003	.003	0	0
128	CPL2	PX	.003	.003	0	0
129	CPL1	PX	.003	.003	0	0
130	CORNER3	PX	.003	.003	0	0
131	CORNER2	PX	.003	.003	0	0
132	CORNER1	PX	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP3B	PY	-.001	-.001	0	0
2	SUP3A	PY	-.001	-.001	0	0
3	SUP2B	PY	-.001	-.001	0	0
4	SUP2A	PY	-.001	-.001	0	0
5	SUP1B	PY	-.001	-.001	0	0
6	SUP1A	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

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	RPL6	PY	-.003	-.003	0	0
11	RPL5	PY	-.003	-.003	0	0
12	RPL4	PY	-.003	-.003	0	0
13	RPL3	PY	-.003	-.003	0	0
14	RPL2	PY	-.003	-.003	0	0
15	RPL1	PY	-.003	-.003	0	0
16	RCORNER3	PY	-.002	-.002	0	0
17	RCORNER2	PY	-.002	-.002	0	0
18	RCORNER1	PY	-.002	-.002	0	0
19	RAIL3	PY	-.002	-.002	0	0
20	RAIL2	PY	-.002	-.002	0	0
21	RAIL1	PY	-.000891	-.000891	0	0
22	PLATE12	PY	-.003	-.003	0	0
23	PLATE11	PY	-.003	-.003	0	0
24	PLATE10	PY	-.003	-.003	0	0
25	PLATE9	PY	-.003	-.003	0	0
26	PLATE8	PY	-.003	-.003	0	0
27	PLATE7	PY	-.003	-.003	0	0
28	PLATE6	PY	-.003	-.003	0	0
29	PLATE5	PY	-.003	-.003	0	0
30	PLATE4	PY	-.003	-.003	0	0
31	PLATE3	PY	-.003	-.003	0	0
32	PLATE2	PY	-.003	-.003	0	0
33	PLATE1	PY	-.003	-.003	0	0
34	MP GAMMA4	PY	-.003	-.003	0	0
35	MP GAMMA3	PY	-.003	-.003	0	0
36	MP GAMMA2	PY	-.003	-.003	0	0
37	MP GAMMA1	PY	-.003	-.003	0	0
38	MP BETA4	PY	-.003	-.003	0	0
39	MP BETA3	PY	-.003	-.003	0	0
40	MP BETA2	PY	-.003	-.003	0	0
41	MP BETA1	PY	-.003	-.003	0	0
42	MP ALPHA4	PY	-.003	-.003	0	0
43	MP ALPHA3	PY	-.003	-.003	0	0
44	MP ALPHA2	PY	-.003	-.003	0	0
45	MP ALPHA1	PY	-.003	-.003	0	0
46	KICKER3	PY	-.002	-.002	0	0
47	KICKER2	PY	-.002	-.002	0	0
48	KICKER1	PY	-.002	-.002	0	0
49	FACE3	PY	-.002	-.002	0	0
50	FACE2	PY	-.002	-.002	0	0
51	FACE1	PY	-.001	-.001	0	0
52	CR3B	PY	-.001	-.001	0	0
53	CR3A	PY	-.001	-.001	0	0
54	CR2B	PY	-.001	-.001	0	0
55	CR2A	PY	-.001	-.001	0	0
56	CR1B	PY	-.001	-.001	0	0
57	CR1A	PY	-.001	-.001	0	0
58	CPL6	PY	-.003	-.003	0	0
59	CPL5	PY	-.003	-.003	0	0
60	CPL4	PY	-.003	-.003	0	0
61	CPL3	PY	-.003	-.003	0	0
62	CPL2	PY	-.003	-.003	0	0
63	CPL1	PY	-.003	-.003	0	0
64	CORNER3	PY	-.003	-.003	0	0
65	CORNER2	PY	-.003	-.003	0	0
66	CORNER1	PY	-.003	-.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	SUP3B	PX	.000789	.000789	0	0
68	SUP3A	PX	.000789	.000789	0	0
69	SUP2B	PX	.000789	.000789	0	0
70	SUP2A	PX	.000789	.000789	0	0
71	SUP1B	PX	.000789	.000789	0	0
72	SUP1A	PX	.000789	.000789	0	0
73	SO3	PX	.00072	.00072	0	0
74	SO2	PX	.00072	.00072	0	0
75	SO1	PX	.00072	.00072	0	0
76	RPL6	PX	.002	.002	0	0
77	RPL5	PX	.002	.002	0	0
78	RPL4	PX	.002	.002	0	0
79	RPL3	PX	.002	.002	0	0
80	RPL2	PX	.002	.002	0	0
81	RPL1	PX	.002	.002	0	0
82	RCORNER3	PX	.00088	.00088	0	0
83	RCORNER2	PX	.00088	.00088	0	0
84	RCORNER1	PX	.00088	.00088	0	0
85	RAIL3	PX	.001	.001	0	0
86	RAIL2	PX	.001	.001	0	0
87	RAIL1	PX	.000514	.000514	0	0
88	PLATE12	PX	.002	.002	0	0
89	PLATE11	PX	.002	.002	0	0
90	PLATE10	PX	.002	.002	0	0
91	PLATE9	PX	.002	.002	0	0
92	PLATE8	PX	.002	.002	0	0
93	PLATE7	PX	.002	.002	0	0
94	PLATE6	PX	.002	.002	0	0
95	PLATE5	PX	.002	.002	0	0
96	PLATE4	PX	.002	.002	0	0
97	PLATE3	PX	.002	.002	0	0
98	PLATE2	PX	.002	.002	0	0
99	PLATE1	PX	.002	.002	0	0
100	MP GAMMA4	PX	.002	.002	0	0
101	MP GAMMA3	PX	.002	.002	0	0
102	MP GAMMA2	PX	.002	.002	0	0
103	MP GAMMA1	PX	.002	.002	0	0
104	MP BETA4	PX	.002	.002	0	0
105	MP BETA3	PX	.002	.002	0	0
106	MP BETA2	PX	.002	.002	0	0
107	MP BETA1	PX	.002	.002	0	0
108	MP ALPHA4	PX	.002	.002	0	0
109	MP ALPHA3	PX	.002	.002	0	0
110	MP ALPHA2	PX	.002	.002	0	0
111	MP ALPHA1	PX	.002	.002	0	0
112	KICKER3	PX	.00088	.00088	0	0
113	KICKER2	PX	.00088	.00088	0	0
114	KICKER1	PX	.00088	.00088	0	0
115	FACE3	PX	.001	.001	0	0
116	FACE2	PX	.001	.001	0	0
117	FACE1	PX	.000637	.000637	0	0
118	CR3B	PX	.00072	.00072	0	0
119	CR3A	PX	.00072	.00072	0	0
120	CR2B	PX	.00072	.00072	0	0
121	CR2A	PX	.00072	.00072	0	0
122	CR1B	PX	.00072	.00072	0	0
123	CR1A	PX	.00072	.00072	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
124	CPL6	PX	.002	.002	0	0
125	CPL5	PX	.002	.002	0	0
126	CPL4	PX	.002	.002	0	0
127	CPL3	PX	.002	.002	0	0
128	CPL2	PX	.002	.002	0	0
129	CPL1	PX	.002	.002	0	0
130	CORNER3	PX	.002	.002	0	0
131	CORNER2	PX	.002	.002	0	0
132	CORNER1	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP1B	Z	-.002	-.011	0	1.347
2	SUP1B	Z	-.011	-.014	1.347	2.694
3	SUP1B	Z	-.014	-.009	2.694	4.041
4	SUP1A	Z	-.015	-.009	0	1.617
5	SUP1A	Z	-.009	-.003	1.617	3.233
6	SUP2B	Z	-.002	-.011	0	1.347
7	SUP2B	Z	-.011	-.014	1.347	2.694
8	SUP2B	Z	-.014	-.009	2.694	4.041
9	SUP2A	Z	-.003	-.009	.808	2.425
10	SUP2A	Z	-.009	-.015	2.425	4.041
11	SUP3B	Z	-.002	-.011	0	1.347
12	SUP3B	Z	-.011	-.014	1.347	2.694
13	SUP3B	Z	-.014	-.009	2.694	4.041
14	SUP3A	Z	-.015	-.009	0	1.617
15	SUP3A	Z	-.009	-.003	1.617	3.233

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUP1B	Z	-.003	-.016	0	1.347
2	SUP1B	Z	-.016	-.019	1.347	2.694
3	SUP1B	Z	-.019	-.013	2.694	4.041
4	SUP1A	Z	-.022	-.013	0	1.617
5	SUP1A	Z	-.013	-.004	1.617	3.233
6	SUP2B	Z	-.003	-.016	0	1.347
7	SUP2B	Z	-.016	-.019	1.347	2.694
8	SUP2B	Z	-.019	-.013	2.694	4.041
9	SUP2A	Z	-.004	-.013	.808	2.425
10	SUP2A	Z	-.013	-.022	2.425	4.041
11	SUP3B	Z	-.003	-.016	0	1.347
12	SUP3B	Z	-.016	-.019	1.347	2.694
13	SUP3B	Z	-.019	-.013	2.694	4.041
14	SUP3A	Z	-.022	-.013	0	1.617
15	SUP3A	Z	-.013	-.004	1.617	3.233

Member Area Loads (BLC 3 : Dead Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87A	N89A	N90		Z	Two Way	-.01
2	N91A	N89	N87B		Z	Two Way	-.01
3	N88A	N91	N86A		Z	Two Way	-.01

Member Area Loads (BLC 27 : Ice Dead Load)

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87A	N89A	N90		Z	Two Way	-.014
2	N91A	N89	N87B		Z	Two Way	-.014
3	N88A	N91	N86A		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	N21	max	1.441	11	1.776	2	1.35	3	1.721	6	.377	11	1.656	29
2		min	-1.474	29	-4.354	20	.656	23	.778	23	-.634	29	-1.584	11
3	N185B	max	3.794	11	2.133	2	1.353	30	.163	17	1.67	18	1.622	17
4		min	-1.542	29	-.867	20	.659	11	-.81	35	.59	35	-1.551	35
5	N187B	max	1.586	14	2.72	35	1.35	15	-.162	23	-.397	2	1.333	5
6		min	-3.776	32	-1.431	17	.654	35	-1.164	6	-1.403	21	-1.26	23
7	N185C	max	.058	23	2.785	21	1.365	21	.341	21	.054	23	.069	5
8		min	-.024	5	.212	2	.116	2	.029	2	-.03	5	-.129	23
9	N190A	max	-.25	26	-.151	26	1.371	9	.022	29	.309	7	.122	29
10		min	-2.444	9	-1.441	10	.152	26	-.206	12	.027	23	-.187	11
11	N195B	max	2.401	33	-.09	14	1.37	33	.03	11	-.01	17	.107	17
12		min	.14	14	-1.429	33	.093	14	-.165	29	-.312	36	-.17	35
13	Totals:	max	4.722	11	4.779	2	7.763	18						
14		min	-4.722	29	-4.819	20	3.989	35						

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

	Member	Shape	Code Check	Lo...	LC	Shear Check	Lo...	...	phi*...	phi*...	phi*...	phi*...	...	Eqn
1	SUP3B	L2x2x3	.179	2....	30	.015	4....	z 6	10.3...	23.3...	.558	1.084	...	H2-1
2	SUP3A	L2x2x3	.160	1.81	35	.013	0	z ...	10.3...	23.3...	.558	1.092	...	H2-1
3	SUP2B	L2x2x3	.179	2....	18	.015	4....	z ...	10.3...	23.3...	.558	1.084	...	H2-1
4	SUP2A	L2x2x3	.148	2....	23	.013	4....	y 9	10.3...	23.3...	.558	1.088	...	H2-1
5	SUP1B	L2x2x3	.178	2....	6	.015	4....	z ...	10.3...	23.3...	.558	1.084	...	H2-1
6	SUP1A	L2x2x3	.152	1.81	11	.013	0	z ...	10.3...	23.3...	.558	1.09	...	H2-1
7	SO3	HSS4X...	.160	5....	29	.085	5....	y ...	124....	139....	16.1...	16.1...	...	H1-...
8	SO2	HSS4X...	.140	5....	5	.077	5....	y 5	124....	139....	16.1...	16.1...	...	H1-...
9	SO1	HSS4X...	.158	5....	17	.088	5....	y ...	124....	139....	16.1...	16.1...	...	H1-...
10	RPL6	6x0.375	.000	.125	20	.000	.125	y ...	70.0...	72.9	.57	9.113	...	H1-...
11	RPL5	6x0.375	.000	.125	26	.000	.125	y ...	70.0...	72.9	.57	9.113	...	H1-...
12	RPL4	6x0.375	.000	.125	8	.000	.125	y ...	70.0...	72.9	.57	9.113	...	H1-...
13	RPL3	6x0.375	.000	.125	32	.000	.125	y ...	70.0...	72.9	.57	9.113	...	H1-...
14	RPL2	6x0.375	.000	.125	14	.000	.125	y ...	70.0...	72.9	.57	9.113	...	H1-...
15	RPL1	6x0.375	.000	.125	20	.000	.125	y ...	70.0...	72.9	.57	9.113	...	H1-...
16	RCORN...	L2.5x2...	.225	0	2	.057	0	z 2	36.7...	38.5...	1.114	2.537	...	H2-1
17	RCORN...	L2.5x2...	.219	0	26	.058	0	y ...	36.7...	38.5...	1.114	2.537	...	H2-1
18	RCORN...	L2.5x2...	.226	0	14	.062	0	y ...	36.7...	38.5...	1.114	2.537	...	H2-1
19	RAIL3	PIPE_...	.237	11...	2	.183	11...	...	6.295	32.13	1.872	1.872	...	H1-...
20	RAIL2	PIPE_...	.232	11...	26	.202	.521	...	6.295	32.13	1.872	1.872	...	H1-...
21	RAIL1	PIPE_...	.241	.521	14	.194	.651	...	6.295	32.13	1.872	1.872	...	H1-...
22	PLATE12	6x0.375	.120	.169	29	.387	.169	y ...	67.6...	72.9	.57	9.113	...	H1-...
23	PLATE11	6x0.375	.196	.169	35	.415	.169	y ...	67.6...	72.9	.57	9.113	...	H1-...
24	PLATE10	6x0.375	.193	.169	20	.408	.169	y ...	67.6...	72.9	.57	9.113	...	H1-...
25	PLATE9	6x0.375	.103	.169	5	.371	.169	y 8	67.6...	72.9	.57	9.113	...	H1-...
26	PLATE8	6x0.375	.203	.169	11	.400	.169	y 8	67.6...	72.9	.57	9.113	...	H1-...
27	PLATE7	6x0.375	.126	.169	17	.387	.169	y ...	67.6...	72.9	.57	9.113	...	H1-...
28	PLATE6	6x0.375	.113	.146	5	.385	.292	y ...	68.9...	72.9	.57	9.113	...	H1-...
29	PLATE5	6x0.375	.210	.146	8	.400	0	y ...	68.9...	72.9	.57	9.113	...	H1-...
30	PLATE4	6x0.375	.134	.146	29	.405	.292	y ...	68.9...	72.9	.57	9.113	...	H1-...
31	PLATE3	6x0.375	.198	.146	32	.417	0	y ...	68.9...	72.9	.57	9.113	...	H1-...

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

	Member	Shape	Code Check	Lo...	LC	Shear Check	Lo...	...	...	phi*...	phi*...	phi*...	phi*...	...	Eqn
32	PLATE2	6x0.375	.140	.146	17	.399	.292	y	2	68.9...	72.9	.57	9.113	...	H1-...
33	PLATE1	6x0.375	.198	.146	20	.406	0	y	2	68.9...	72.9	.57	9.113	...	H1-...
34	MP GAM...	PIPE_...	.142	2.5	32	.084	2.5		5	30.0...	50.7...	3.596	3.596	...	H1-...
35	MP GAM...	PIPE_...	.204	2.5	35	.087	2.5		...	30.0...	50.7...	3.596	3.596	...	H1-...
36	MP GAM...	PIPE_...	.250	2.5	8	.069	5.5		...	30.0...	50.7...	3.596	3.596	...	H1-...
37	MP GAM...	PIPE_...	.172	2.5	20	.124	5.5		...	30.0...	50.7...	3.596	3.596	...	H1-...
38	MP BETA4	PIPE_...	.142	2.5	20	.090	2.5		...	30.0...	50.7...	3.596	3.596	...	H1-...
39	MP BETA3	PIPE_...	.200	2.5	26	.089	2.5		...	30.0...	50.7...	3.596	3.596	...	H1-...
40	MP BETA2	PIPE_...	.253	2.5	32	.069	5.5		...	30.0...	50.7...	3.596	3.596	...	H1-...
41	MP BETA1	PIPE_...	.167	2....	8	.128	5....		...	24.2...	50.7...	3.596	3.596	...	H1-...
42	MP ALP...	PIPE_...	.131	2.5	11	.098	2.5		...	30.0...	50.7...	3.596	3.596	...	H1-...
43	MP ALP...	PIPE_...	.213	2.5	14	.084	2.5		2	30.0...	50.7...	3.596	3.596	...	H1-...
44	MP ALP...	PIPE_...	.251	2.5	20	.076	5.5		...	30.0...	50.7...	3.596	3.596	...	H1-...
45	MP ALP...	PIPE_...	.183	2.5	32	.125	5.5		2	30.0...	50.7...	3.596	3.596	...	H1-...
46	KICKER3	LL2.5x...	.094	4....	2	.008	4....	z	2	43.1...	58.32	3.954	2.55	...	H1-...
47	KICKER2	LL2.5x...	.091	4....	26	.008	4....	z	...	43.1...	58.32	3.954	2.55	...	H1-...
48	KICKER1	LL2.5x...	.099	4....	14	.009	4....	z	...	43.1...	58.32	3.954	2.55	...	H1-...
49	FACE3	PIPE_...	.087	4....	35	.095	4....		8	28.2...	65.2...	5.749	5.749	...	H1-...
50	FACE2	PIPE_...	.085	4....	23	.095	4....		...	28.2...	65.2...	5.749	5.749	...	H1-...
51	FACE1	PIPE_...	.083	8....	11	.092	8....		...	28.2...	65.2...	5.749	5.749	...	H1-...
52	CR3B	HSS4X...	.093	2.38	12	.027	2.38	z	...	136....	139....	16.1...	16.1...	...	H1-...
53	CR3A	HSS4X...	.105	0	18	.037	1.86	y	...	136....	139....	16.1...	16.1...	...	H1-...
54	CR2B	HSS4X...	.093	2.38	36	.027	.521	y	...	136....	139....	16.1...	16.1...	...	H1-...
55	CR2A	HSS4X...	.103	2.38	6	.034	.521	y	...	136....	139....	16.1...	16.1...	...	H1-...
56	CR1B	HSS4X...	.092	0	24	.027	0	z	...	136....	139....	16.1...	16.1...	...	H1-...
57	CR1A	HSS4X...	.104	0	30	.035	1.86	y	...	136....	139....	16.1...	16.1...	...	H1-...
58	CPL6	6x0.5	.080	.3	11	.419	.3	y	2	94.0...	97.2	1.012	12.15	...	H1-...
59	CPL5	6x0.5	.089	0	35	.357	0	y	...	94.0...	97.2	1.012	12.15	...	H1-...
60	CPL4	6x0.5	.083	.3	35	.415	.3	y	...	94.0...	97.2	1.012	12.15	...	H1-...
61	CPL3	6x0.5	.083	0	23	.378	0	y	...	94.0...	97.2	1.012	12.15	...	H1-...
62	CPL2	6x0.5	.075	.3	23	.435	.3	y	...	94.0...	97.2	1.012	12.15	...	H1-...
63	CPL1	6x0.5	.085	0	11	.385	0	y	...	94.0...	97.2	1.012	12.15	...	H1-...
64	CORNER3	6x0.5	.180	.524	35	.136	.524	y	...	65.1...	97.2	1.012	12.15	...	H1-...
65	CORNER2	6x0.5	.168	.524	23	.137	.524	y	...	65.1...	97.2	1.012	12.15	...	H1-...
66	CORNER1	6x0.5	.171	.524	11	.140	.524	y	...	65.1...	97.2	1.012	12.15	...	H1-...

POD
POWER OF DESIGN

POD Job #	**22-139020**
Site Number	**302496**
Site Name	**Clch - Colchester,CT**

Calculations Based on *TIA-222-H*

Reactions from RISA-3D

			RISA Members to Check
Torque	-0.182	ft-kip	SO3
Moment (y-y)	0.021	ft-kip	SO2
Moment (z-z)	0.028	ft-kip	SO1
Axial	-0.661	kips	
Shear (y)	-0.053	kips	
Shear (z)	1.055	kips	

Capacities

Bolts	*0.1%*
Flange Plate	*2.3%*
Load Combination	32
Member	SO2

Bolt Information

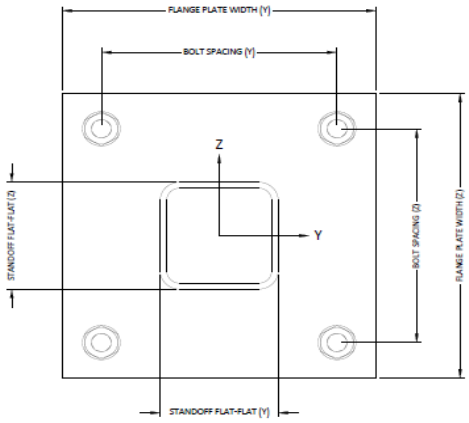
Grade	A325	
Threads in Shear Plane	Included	
Diameter	0.625	in.
Bolt Spacing (y)	6	in.
Bolt Spacing (z)	6	in.
Number of Rods	4	

Flange Plate Information

Width (y)	8	in.
Width (z)	8	in.
Thickness	0.75	in.
Grade	A36	

Standoff Information

Standoff Member	HSS	
Thickness	0.25	in.
Flat-Flat (y)	4	in.
Flat-Flat (z)	4	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	0.45	kips
F	0.21	kips
Capacity	0.1%	

Flange Plate Calculations

ϕ	0.9	
Fy	36	ksi
t_{min}	0.04	in
W	5.83	in
Z	0.8	in^3
ϕM_n	26.6	in-kip
M_u	0.6	in-kip
Capacity	2.3%	

POD
POWER OF DESIGN

POD Job #	**22-139020**
Site Number	**302496**
Site Name	**Clch - Colchester,CT**

Connection Type	Double Shear

RISA 3D Forces

Axial (Bolts)	3.053	kips
Shear (Bolts)	0.062	kips
Axial Force (Member)	0.062	kips

Bolt/Member Information

Member Label	KICKER2	
# of Bolts	1	
Diameter	0.625	inches
Bolt Grade	A325	
Member Grade	A36	
Threads Included?	Yes	
L_b	0	inches
L_c	1	inches
t	0.1875	inches

Shear Capacity	**0.2%**
Axial Capacity	**15.0%**
Bearing Capacity	**0.5%**

Ver 1.0 - 2/28/2020

AMERICAN TOWER®
CORPORATION

LETTER OF AUTHORIZATION FOR PERMITTING

ATC SITE#/NAME/PROJECT: 302496 / CLCH - COLCHESTER / 13674383
SITE ADDRESS: CHESTNUT HILL ROAD, COLCHESTER, CT 06415
LICENSEE: T-MOBILE NORTHEAST LLC dba T-MOBILE
SITE ACQUISITION VENDOR: TRANSCEND WIRELESS LLC

I, Margaret Robinson, Vice President, UST Legal for American Tower*, owner/operator of the tower facility located at the address identified above (the "Tower Facility"), do hereby authorize **T-MOBILE NORTHEAST LLC dba T-MOBILE, TRANSCEND WIRELESS LLC** their successors and assigns, and/or their agent, (collectively, the "Licensee") to act as American Tower's non-exclusive agent for the sole purpose of filing and consummating any land-use, building, or electrical permit application(s) as may be required by the applicable permitting authorities for Licensee's telecommunications' installation on the Tower Facility.

American Tower understands that this application may be denied, modified or approved with conditions. The above authorization is limited to the acceptance by Licensee only of conditions related to Licensee's installation and any such conditions of approval or modifications will be Licensee's sole responsibility.

Signature:

Print Name: Margaret Robinson
Vice President, UST Legal
American Tower*

NOTARY BLOCK

Commonwealth of MASSACHUSETTS
County of Middlesex

This instrument was acknowledged before me by Margaret Robinson, Vice President, UST Legal for American Tower*, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same.

WITNESS my hand and official seal, this 1st day of November, 2022

NOTARY SEAL

MELISSA ANN METZLER
Notary Public
Commonwealth of Massachusetts
My Commission Expires March 14, 2025

Notary Public
My Commission Expires: March 14, 2025

* American Tower is defined as American Tower Corporation and any of its affiliates or subsidiaries.

EBI Consulting

environmental | engineering | due diligence

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

T-Mobile Existing Facility

Site ID: CTHA255A

CTHA255A
58 Chestnut Hill Road
Colchester, Connecticut 06415

December 1, 2022

EBI Project Number: 6222006573

Site Compliance Summary	
Compliance Status:	**COMPLIANT**
Site total MPE% of FCC general population allowable limit:	**3.59%**

December 1, 2022

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

Emissions Analysis for Site: CTHA255A - CTHA255A

EBI Consulting was directed to analyze the proposed T-Mobile facility located at **58 Chestnut Hill Road** in **Colchester, Connecticut** for the purpose of determining whether the emissions from the Proposed T-Mobile Antenna Installation located on this property are within specified federal limits.

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

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

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

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

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Additional details can be found in FCC OET 65.

CALCULATIONS

Calculations were done for the proposed T-Mobile Wireless antenna facility located at 58 Chestnut Hill Road in Colchester, Connecticut using the equipment information listed below. Modeling of the antennas and associated equipment was completed using RoofMaster™ software, which is a widely-used predictive modeling program that has been developed to predict RF power density values for rooftop and tower telecommunications sites produced by vertical collinear antennas that are typically used in the cellular, PCS, paging and other communications services. Using the computational methods set forth in Federal Communications (FCC) Office of Engineering & Technology (OET) Bulletin 65, "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields" (OET-65), RoofMaster™ calculates predicted power density in a scalable grid based on the contributions of all RF sources characterized in the study scenario. At each grid location, the cumulative power density is expressed as a percentage of the FCC limits. Manufacturer antenna pattern data is utilized in these calculations. RoofMaster™ models consist of the Far Field model as specified in OET-65 and an implementation of the OET-65 Cylindrical Model (Sula9). The models utilize several operational specifications for different types of antennas to produce a plot of spatially-averaged power densities that can be expressed as a percentage of the applicable exposure limit.

Since T-Mobile is proposing highly focused directional panel antennas, which project most of the emitted energy out toward the horizon, all calculations were performed assuming a lobe representing the maximum gain of the antenna per the antenna manufacturer's supplied specifications, minus 10 dB for directional panel antennas and 20 dB for highly focused parabolic microwave dishes, was focused at the base of the tower. For this report, the sample point is the top of a 6-foot person standing at the base of the tower. For power density calculations, the broadcast footprint of the AIR6449 or similar SON antenna has been considered. Due to the beamforming nature of these antennas, the actual beam locations vary depending on demand and are narrow in nature. Using the broadcast footprint accounts for the potential location of beams at any given time.

For all calculations, telecommunications equipment was modeled using the following assumptions:

1) 1 LTE channel (600 MHz Band) was considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

2) 1 NR channel (600 MHz Band) was considered for each sector of the proposed installation. This Channel has a transmit power of 80 Watts.

3) 1 LTE channel (700 MHz Band) was considered for each sector of the proposed installation. These Channels have a transmit power of 40 Watts per Channel.

4) 1 LTE channel (PCS Band - 1900 MHz) was considered for each sector of the proposed installation. These Channels have a transmit power of 120/160 Watts per Channel.

5) 1 LTE channel (AWS Band – 2100 MHz) was considered for each sector of the proposed installation. These Channels have a transmit power of 120/160 Watts per Channel.

6) 1 LTE Traffic channel (LTE 1C and 2C BRS Band - 2500 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 45 Watts.

7) 1 LTE Broadcast channel (LTE 1C and 2C BRS Band - 2500 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 15 Watts.

8) 1 NR Traffic channel (BRS Band - 2500 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 90 Watts.

9) 1 NR Broadcast channel (BRS Band - 2500 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 30 Watts.

10) 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.

11) 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.

12) The antennas used in this modeling are the COMMSCOPE VV-65A-R1 02DT 1900 for the 1900 MHz / 1900 MHz channel(s), the RFS APXVAALL24_43-U-NA20 02DT 600 for the 600 MHz / 600 MHz / 700 MHz channel(s), the ERICSSON SON_AIR6419 B41 LTE TB 02.09.21 2500 TMO for the 2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz channel(s) in Sector A, the COMMSCOPE VV-65A-R1 02DT 1900 for the 1900 MHz / 2100 MHz channel(s), the RFS APXVAALL24_43-U-NA20 02DT 600 for the 600 MHz / 600 MHz / 700 MHz channel(s), the ERICSSON SON_AIR6419 B41 LTE TB 02.09.21 2500 TMO for the 2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz channel(s) in Sector B, the COMMSCOPE VV-65A-R1 02DT 1900 for the 1900 MHz / 2100 MHz channel(s), the RFS APXVAALL24_43-U-NA20 02DT 600 for the 600 MHz / 600 MHz / 700 MHz channel(s), the ERICSSON SON_AIR6419 B41 LTE TB 02.09.21 2500 TMO for the 2500 MHz / 2500 MHz / 2500 MHz / 2500 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.

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

14) Emissions values for additional carriers were taken from the Connecticut Siting Council active database or documents available on the Connecticut Siting Council website (https://portal.ct.gov/CSC). Values in the database are provided by the individual carriers themselves.

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

T-Mobile Site Inventory and Power Data

Sector:	A	Sector:	B	Sector:	C
Antenna #:	1	Antenna #:	1	Antenna #:	1
Make / Model:	COMMSCOPE VV-65A-R1 02DT 1900	Make / Model:	COMMSCOPE VV-65A-R1 02DT 1900	Make / Model:	COMMSCOPE VV-65A-R1 02DT 1900
Frequency Bands:	1900 MHz / 1900 MHz	Frequency Bands:	1900 MHz / 2100 MHz	Frequency Bands:	1900 MHz / 2100 MHz
Gain:	15.77 dBd / 16.47 dBd	Gain:	15.77 dBd / 16.47 dBd	Gain:	15.77 dBd / 16.47 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):	320.00 Watts	Total TX Power (W):	320.00 Watts	Total TX Power (W):	320.00 Watts
ERP (W):	11,390.92	ERP (W):	11,390.92	ERP (W):	11,390.92
Antenna A1 MPE %:	**1.58%**	Antenna B1 MPE %:	**1.58%**	Antenna C1 MPE %:	**1.58%**
Antenna #:	**2**	Antenna #:	**2**	Antenna #:	**2**
Make / Model:	RFS APXVAALL24_43-U-NA20 02DT 600	Make / Model:	RFS APXVAALL24_43-U-NA20 02DT 600	Make / Model:	RFS APXVAALL24_43-U-NA20 02DT 600
Frequency Bands:	600 MHz / 600 MHz / 700 MHz	Frequency Bands:	600 MHz / 600 MHz / 700 MHz	Frequency Bands:	600 MHz / 600 MHz / 700 MHz
Gain:	12.95 dBd / 12.95 dBd / 13.65 dBd	Gain:	12.95 dBd / 12.95 dBd / 13.65 dBd	Gain:	12.95 dBd / 12.95 dBd / 13.65 dBd
Height (AGL):	167 feet	Height (AGL):	167 feet	Height (AGL):	167 feet
Channel Count:	3	Channel Count:	3	Channel Count:	3
Total TX Power (W):	160.00 Watts	Total TX Power (W):	160.00 Watts	Total TX Power (W):	160.00 Watts
ERP (W):	2,878.76	ERP (W):	2,878.76	ERP (W):	2,878.76
Antenna A2 MPE %:	**0.96%**	Antenna B2 MPE %:	**0.96%**	Antenna C2 MPE %:	**0.96%**
Antenna #:	**3**	Antenna #:	**3**	Antenna #:	**3**
Make / Model:	ERICSSON SON_AIR6419 B41 LTE TB 02.09.21 2500 TMO	Make / Model:	ERICSSON SON_AIR6419 B41 LTE TB 02.09.21 2500 TMO	Make / Model:	ERICSSON SON_AIR6419 B41 LTE TB 02.09.21 2500 TMO
Frequency Bands:	2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz	Frequency Bands:	2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz	Frequency Bands:	2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz
Gain:	22.05 dBd / 22.05 dBd / 15.55 dBd / 15.55 dBd	Gain:	22.05 dBd / 22.05 dBd / 15.55 dBd / 15.55 dBd	Gain:	22.05 dBd / 22.05 dBd / 15.55 dBd / 15.55 dBd
Height (AGL):	167 feet	Height (AGL):	167 feet	Height (AGL):	167 feet
Channel Count:	4	Channel Count:	4	Channel Count:	4
Total TX Power (W):	180.00 Watts	Total TX Power (W):	180.00 Watts	Total TX Power (W):	180.00 Watts
ERP (W):	23,258.96	ERP (W):	23,258.96	ERP (W):	23,258.96
Antenna A3 MPE %:	**3.23%**	Antenna B3 MPE %:	**3.23%**	Antenna C3 MPE %:	**3.23%**

Site Composite MPE %	
Carrier	MPE %
T-Mobile (Combined Sectors):	0.51%
AT&T	1.94%
Dish	1.14%
Site Total MPE % :	3.59%

T-Mobile MPE % Per Sector	
T-Mobile Sector A Total:	0.51%
T-Mobile Sector B Total:	0.50%
T-Mobile Sector C Total:	0.50%
T-Mobile Total MPE % :	0.51%

T-Mobile Maximum MPE Power Values (Sector A)

T-Mobile Frequency Band / Technology (Sector A)	# Channels	Watts ERP (Per Channel)	Height (feet)	Total Power Density (μW/cm²)	Frequency (MHz)	Allowable MPE (μW/cm²)	Calculated % MPE
T-Mobile 1900 MHz LTE	1	5237.451118	167	7.264149474	1900 MHz LTE	1000.0	0.73%
T-Mobile 2100 MHz LTE	1	6153.468513	167	8.534631456	2100 MHz LTE	1000.0	0.85%
T-Mobile 600 MHz LTE	1	689.5408364	167	0.956367437	600 MHz LTE	400.0	0.24%
T-Mobile 600 MHz NR	1	1379.081673	167	1.912734875	600 MHz NR	400.0	0.48%
T-Mobile 700 MHz LTE	1	810.1398427	167	1.123633764	700 MHz LTE	467.0	0.24%
T-Mobile 2500 MHz LTE	1	7214.604258	167	10.00638718	2500 MHz LTE	1000.0	1.00%
T-Mobile 2500 MHz NR	1	14429.20852	167	20.01277436	2500 MHz NR	1000.0	2.00%
T-Mobile 2500 MHz LTE	1	538.382902	167	0.746717017	2500 MHz LTE	1000.0	0.07%
T-Mobile 2500 MHz NR	1	1076.765804	167	1.493434033	2500 MHz NR	1000.0	0.15%
						T-Mobile Total:	**0.51%**

• NOTE: Total T-Mobile MPE values reflect all T-Mobile antennas as reported by RoofMaster™ combined modeling.
• NOTE: Totals may vary by approximately 0.01% due to summation of remainders in calculations.

Summary

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

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

T-Mobile Sector	Power Density Value (%)
Sector A:	0.51%
Sector B:	0.50%
Sector C:	0.50%
T-Mobile Maximum MPE % (Sector A):	0.51%
T-Mobile Combined Sectors MPE %:	0.51%
Site Total:	3.59%
Site Compliance Status:	**COMPLIANT**

The anticipated composite MPE value for this site assuming all carriers present is **3.59%** 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 or documents available on the Connecticut Siting Council website.

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.

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

CTHA255A_Replacement_1_draft

Print Name: Standard
PORs: Replacement_ATC Incentive

Section 1 - Site Information

Site ID: CTHA255A
Status: Draft
Version: 1
Project Type: Replacement
Approved: Not approved
Approved By: Not approved
Last Modified: 10/11/2022 9:06:59 AM
Last Modified By: Michael.Low1@T-Mobile.com

Site Name: CTHA255A
Site Class: Monopole
Site Type: Structure Non Building
Plan Year: 2021
Market: CONNECTICUT CT
Vendor: Ericsson
Landlord: Not Specified

Latitude: 41.56894444
Longitude: -72.3037
Address: 58 Chestnut Hill Rd
City, State: Colchester, CT
Region: NORTHEAST

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

Section 2 - Existing Template Images

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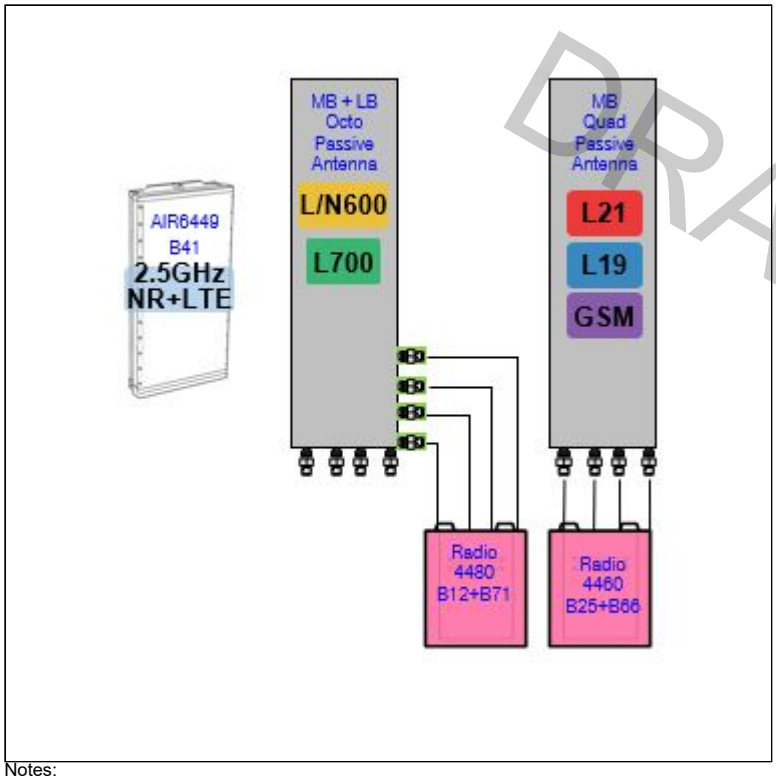
Section 3 - Proposed Template Images

67E5A998E.JPG



Notes:

Section 4 - Siteplan Images

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

CTHA255A_Replacement_1_draft

Print Name: Standard
PORs: Replacement_ATC Incentive

Section 5 - RAN Equipment

Existing RAN Equipment

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

Proposed RAN Equipment

Template: 67E5D998E 6160

Enclosure	1	2
Enclosure Type	Enclosure 6160 AC V1	B160
Baseband	RP 6651: N600, L600, L700, L1900, L2100 / RP 6651: N2500, L2500	
Transport System	CSR IXRe V2 (Gen2)	
Functionality Groups	Ericsson Hybrid Trunk 6/24 4AWG *Select Length* (x 3)	
Hybrid Cable System	PSU 4813 vR4A (Kit) (x 2)	

RAN Scope of Work:

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

CTHA255A_Replacement_1_draft

Print Name: Standard
PORs: Replacement_ATC Incentive

Section 6 - A&L Equipment

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

Sector 1 (Proposed) view from behind

Coverage Type	A - Outdoor Macro							
Antenna	1		2				3	
Antenna Model	Commscope_VV-65A-R1 (Quad)		RFS - APXVAALL24_43-U-NA20 (Octo)				AIR 6419 B41 (Active Antenna - Massive MIMO)	
Azimuth	10		10				10	
M. Tilt	0		0				0	
Height	167		167				167	
Ports	P1	P2	P3	P4	P5	P6	P7	P8
Active Tech	L2100 L1900	L2100 L1900	L700 L600 N600	L700 L600 N600			L2500 N2500	L2500 N2500
Dark Tech								
Restricted Tech								
Decomm. Tech								
E. Tilt	2	2	2	2	2	2	2	2
Cables	Coax Jumper **(x2)**	Coax Jumper **(x2)**	Coax Jumper **(x2)**	Coax Jumper **(x2)**				
TMAs								
Diplexer / Combiners								
Radio	Radio 4460 B25+B66 (At Antenna)	Radio 4460 B25+B66 (At Antenna)	Radio 4480 B71+B85 (At Antenna)	Radio 4480 B71+B85 (At Antenna)				
Sector Equipment								

Unconnected Equipment:

Scope of Work:

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

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

CTHA255A_Replacement_1_draft

Print Name: Standard
PORs: Replacement_ATC Incentive

Sector 2 (Proposed) view from behind

Coverage Type	A - Outdoor Macro							
Antenna	1		2				3	
Antenna Model	Commscope_VV-65A-R1 (Quad)		RFS - APXVAALL24_43-U-NA20 (Octo)				AIR 6419 B41 (Active Antenna - Massive MIMO)	
Azimuth	120		120				120	
M. Tilt	0		0				0	
Height	167		167				167	
Ports	P1	P2	P3	P4	P5	P6	P7	P8
Active Tech	L2100 L1900	L2100 L1900	L700 L600 N600	L700 L600 N600			L2500 N2500	L2500 N2500
Dark Tech								
Restricted Tech								
Decomm. Tech								
E. Tilt	2	2	2	2	2	2	2	2
Cables	Coax Jumper **(x2)**	Coax Jumper **(x2)**	Coax Jumper **(x2)**	Coax Jumper **(x2)**				
TMAs								
Diplexer / Combiners								
Radio	Radio 4460 B25+B66 (At Antenna)	SHARED Radio 4460 B25+B66 (At Antenna)	Radio 4480 B71+B85 (At Antenna)	SHARED Radio 4480 B71+B85 (At Antenna)				
Sector Equipment								

Unconnected Equipment:

Scope of Work:

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

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

CTHA255A_Replacement_1_draft

Print Name: Standard
PORs: Replacement_ATC Incentive

Sector 3 (Proposed) view from behind

Coverage Type	A - Outdoor Macro							
Antenna	1		2				3	
Antenna Model	Commscope_VV-65A-R1 (Quad)		RFS - APXVAALL24_43-U-NA20 (Octo)				AIR 6419 B41 (Active Antenna - Massive MIMO)	
Azimuth	260		260				260	
M. Tilt	0		0				0	
Height	167		167				167	
Ports	P1	P2	P3	P4	P5	P6	P7	P8
Active Tech	L2100 L1900	L2100 L1900	L700 L600 N600	L700 L600 N600			L2500 N2500	L2500 N2500
Dark Tech								
Restricted Tech								
Decomm. Tech								
E. Tilt	2	2	2	2	2	2	2	2
Cables	Coax Jumper **(x2)**	Coax Jumper **(x2)**	Coax Jumper **(x2)**	Coax Jumper **(x2)**				
TMAs								
Diplexer / Combiners								
Radio	Radio 4460 B25+B66 (At Antenna)	SHARED Radio 4460 B25+B66 (At Antenna)	Radio 4480 B71+B85 (At Antenna)	SHARED Radio 4480 B71+B85 (At Antenna)				
Sector Equipment								

Unconnected Equipment:

Scope of Work:

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