



June 13, 2022

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

RE: **Notice of Exempt Modification for ATT
Crown #803934; ATT Site ID CT11531C
400 Main Street, Somers, CT 06071
Latitude: 41° 59' 1.48" / Longitude: -72° 27' 56.87"**

Dear Ms. Bachman:

AT&T currently maintains twelve (12) antennas at the 157-foot level of the existing 190-foot monopole tower at 400 Main Street, Somers, CT. The tower is owned by Crown Castle USA Inc. and the property is owned by the Town of Somers. AT&T now intends to replace nine (9) antennas, install nine (9) new antennas and ancillary equipment at the 157-foot level. This modification may include B2, B5, B17, B14, B29, B30, B66 & n77 hardware that is 4G(LTE) and/or 5GNR capable through remote software configuration and either or both services may be turned on or off at various times.

Panned Modification:

Tower:

Installed New:

- (3) QUINTEL-QD8616-7 Antennas
- (6) Ericsson-AIR6449 B77D + AIR6419 B77G Stacked Antennas w/integrated RRHs
- (3) Ericsson-RRUS 4415 B30 RRUs
- (1) RAYCAP-DC9-48-60-24-8C-EV Squid
- (3) 7/8" 6AWG DC Trunk
- (1) 3/8" 24-Pair Fiber Trunk
- Mount Modifications

Remove:

- (3) KATHREIN-800-10121 Antennas
- (3) CCI-HPA-65R-BU8AA Antennas
- (3) CCI-OPA65R-BU8DA Antennas
- (6) POWERWAVE TECH-LGP 21401 TMAs

Ground:

Install New:

- (1) PURCELL FLX16 on Plinth
- (1) 6648 with XCEDE Cable
- IDLe CABLE
- (1) Outdoor DC12
- (5) Rectifiers in existing power plant

The Foundation for a Wireless World.

CrownCastle.com

Remove:

Decom & Remove UMTS Cabinet
(6) POWERWAVE TECH-LGP 21901 Diplexers

The facility was approved by the Town of Somers in 2001, however approval documents were not able to be located at the time of this application. Nonetheless, the Council has approved several exempt modifications for AT&T, as well as other carriers, since the tower came under the Siting Council's jurisdiction.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to First Selectman Tim Keeney, as both the municipality and property owner, Zoning Enforcement Officer Jennifer Roy, and Crown Castle is the tower owner.

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

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

Sincerely,



Domenica Tatasciore
Site Acquisition Specialist
1800 W. Park Drive
Westborough, MA 01581
(508) 621-9161/ Domenica.Tatasciore@crowncastle.com

Melanie A. Bachman

Page 3

Attachments

cc:

Tim Keeney, First Selectman
Somers Town Hall
600 Main Street
Somers, CT 06071
860-763-8201

Jennifer Roy, Zoning Enforcement Officer
Somers Town Hall
600 Main Street
Somers, CT 06071
860-763-8220

Crown Castle, Tower Owner

From: TrackingUpdates@fedex.com
To: [Tatasciore, Domenica](#)
Subject: FedEx Shipment 777108025350: Your package has been delivered
Date: Tuesday, June 14, 2022 11:25:52 AM

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Hi. Your package was
delivered Tue, 06/14/2022 at
11:24am.



Delivered to 600 MAIN ST, SOMERS, CT 06071
Received by D.MURPHY

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER [777108025350](#)

FROM Domenica Tatasciore
1800 West Park Drive

Suite 200
WESTBOROUGH, MA, US, 01581

TO Somers Town Hall
Tim Keeney, First Selectman
600 Main Street
SOMERS, CT, US, 06071

REFERENCE 799001.7680

SHIPPER REFERENCE 799001.7680

SHIP DATE Mon 6/13/2022 05:38 PM

DELIVERED TO Receptionist/Front Desk

PACKAGING TYPE FedEx Pak

ORIGIN WESTBOROUGH, MA, US, 01581

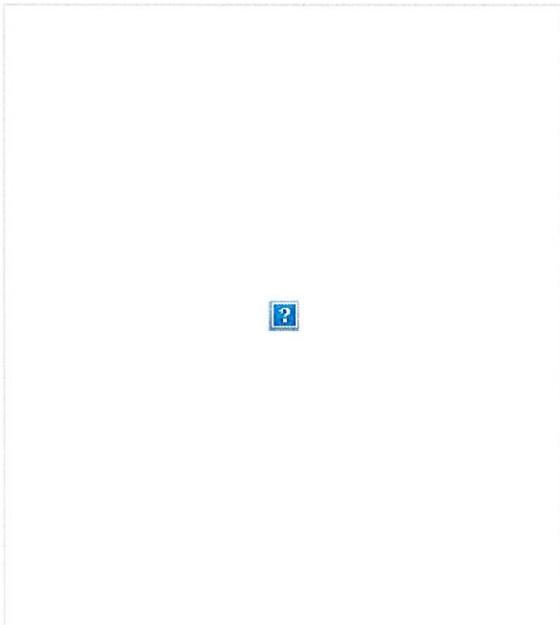
DESTINATION SOMERS, CT, US, 06071

SPECIAL HANDLING Deliver Weekday

NUMBER OF PIECES 1

TOTAL SHIPMENT WEIGHT 1.00 LB

SERVICE TYPE FedEx Priority Overnight



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To: [Tatasciore, Domenica](#)
Subject: FedEx Shipment 777108031389: Your package has been delivered
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fedEx



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TO Somers Town Hall
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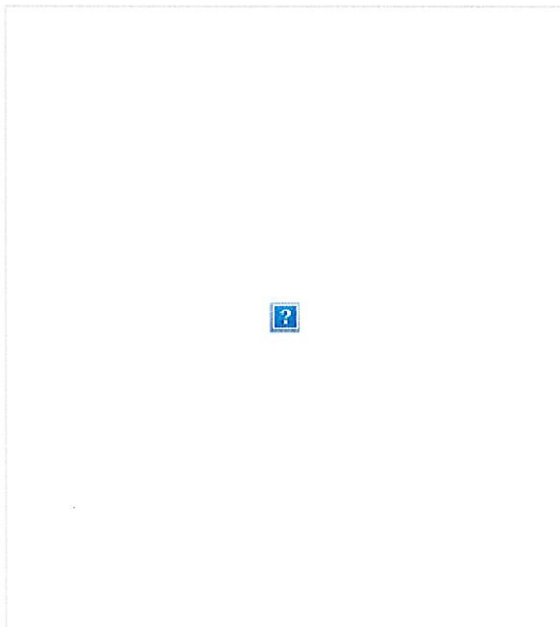
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SPECIAL HANDLING Deliver Weekday

NUMBER OF PIECES 1

TOTAL SHIPMENT WEIGHT 1.00 LB

SERVICE TYPE FedEx Priority Overnight



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Property Information

Property Location	400 MAIN ST
Owner	SOMERS TOWN OF
Co-Owner	FIRE COMPLEX
Mailing Address	400 MAIN STREET SOMERS CT 06071
Land Use	928 Fire Dept
Land Class	E
Zoning Code	A-1
Census Tract	5382.01

Neighborhood	E
Acreage	11
Utilities	,Well,Septic,Well,Septic
Lot Setting/Desc	Clear
Book / Page	0165/0819
Additional Info	

Primary Construction Details

Year Built	2001
Building Desc.	Fire Dept
Building Style	Fire Station
Building Grade	Good/Vg
Stories	1.00
Occupancy	1.00
Exterior Walls	Brick Veneer
Exterior Walls 2	Vinyl/Aluminum
Roof Style	Hip
Roof Cover	Copper
Interior Walls	Drywall
Interior Walls 2	Minim/Masonry
Interior Floors 1	Concr-Finished
Interior Floors 2	Linoleum

Heating Fuel	Oil
Heating Type	Forced Air
AC Type	01
Bedrooms	0
Full Bathrooms	0
Half Bathrooms	0
Extra Fixtures	0
Total Rooms	0
Bath Style	NA
Kitchen Style	NA
Fin Bsmt Area	0
Fin Bsmt Quality	0
Bsmt Gar	0
Fireplaces	0

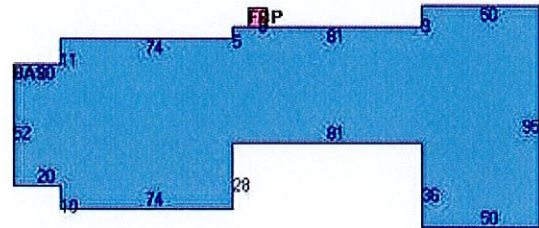
(*Industrial / Commercial Details)

Building Use	Ind/Comm
Building Condition	A
Sprinkler %	NA
Heat / AC	Heat/Ac Pkgs
Frame Type	Wood Frame
Baths / Plumbing	Average
Ceiling / Wall	Sus-Ceil & Wl
Rooms / Prtns	Average
Wall Height	12.00
First Floor Use	NA
Foundation	NA

Photo



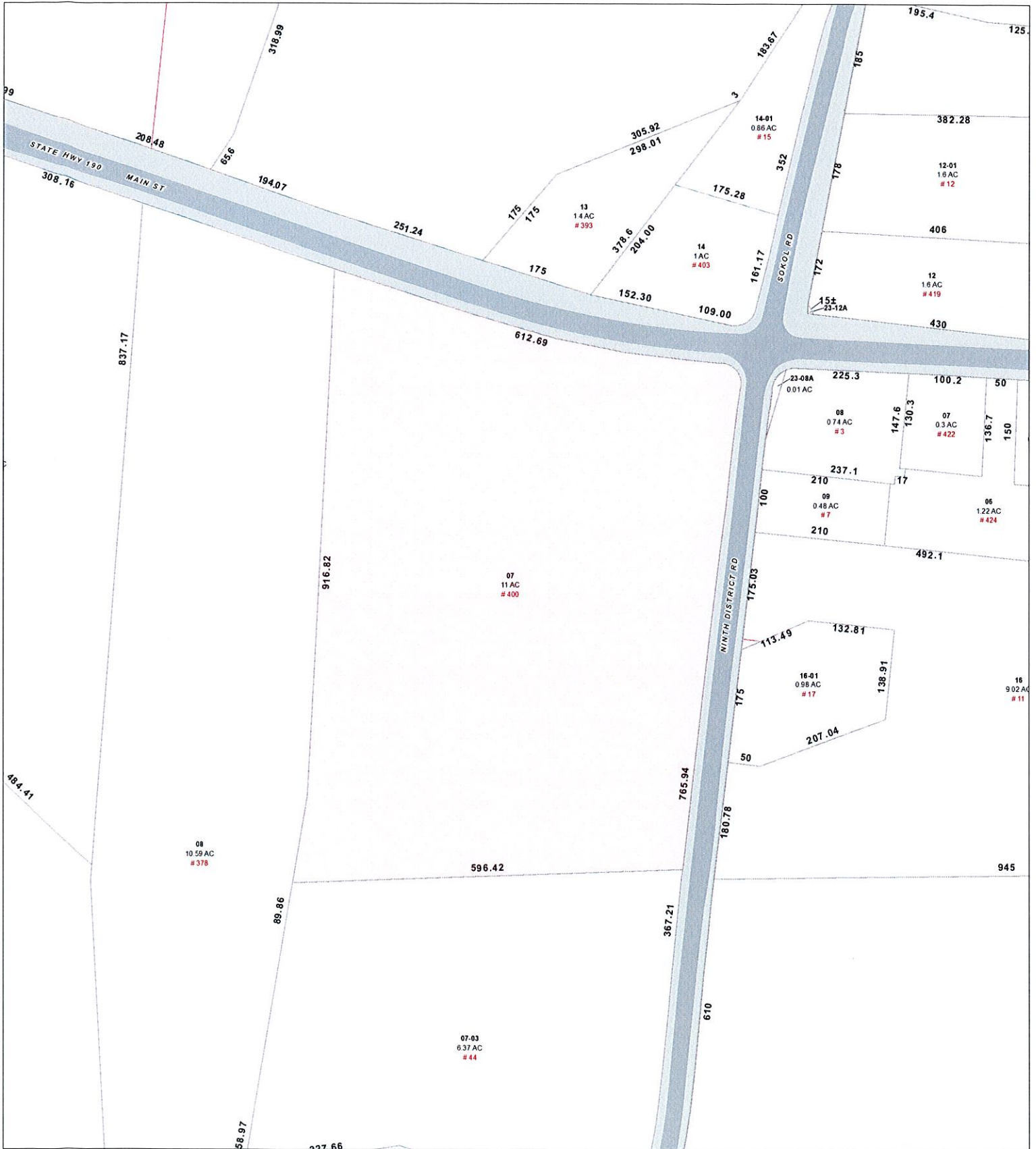
Sketch



Town of Somers, Connecticut - Assessment Parcel Map

Parcel: 05-07

Address: 400 MAIN ST



Approximate Scale: 1 inch = 200 feet

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

Map Produced May 2022

Radio Frequency Safety Survey Report Predictive (RFSSRP) Prepared For AT&T



Site Name:	SOMERS CENTRAL
FA#	10108715
USID:	28058
Site ID:	CTL05857
Address:	400 MAIN STREET SOMERS, CT 06071
County:	TOLLAND
Latitude:	41.9836919
Longitude:	-72.4653989
Structure Type:	MONOPOLE
Property Owner:	SOMERS TOWN
Pace Job:	MRCTB055435
RFDS Technology	5G NR 1SR CBAND

Report Information

Report Writer: Parul

Report Generated Date: 06-02-2022

Compliance Statement

AT&T Mobility Compliance Statement: Based on the information collected, AT&T Mobility will be Compliant when the remediation recommended in section 5 or appropriate remediation determined by AT&T is implemented



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1. Executive Summary

1.1 Site Summary

Max Predictive Spatial Average MPE% & Location on Site (General Public)	26276.10% on Antennas Centerline Level & at AT&T Sec-B antenna no. #B3-2
Max Predictive Spatial Average MPE% on Ground (General Public)	2.35%
AT&T Mobility Site Compliance	AT&T Mobility will be Compliant by implementing remediation recommended as per section 5 in this report.
TABLE 1: Site Summary	

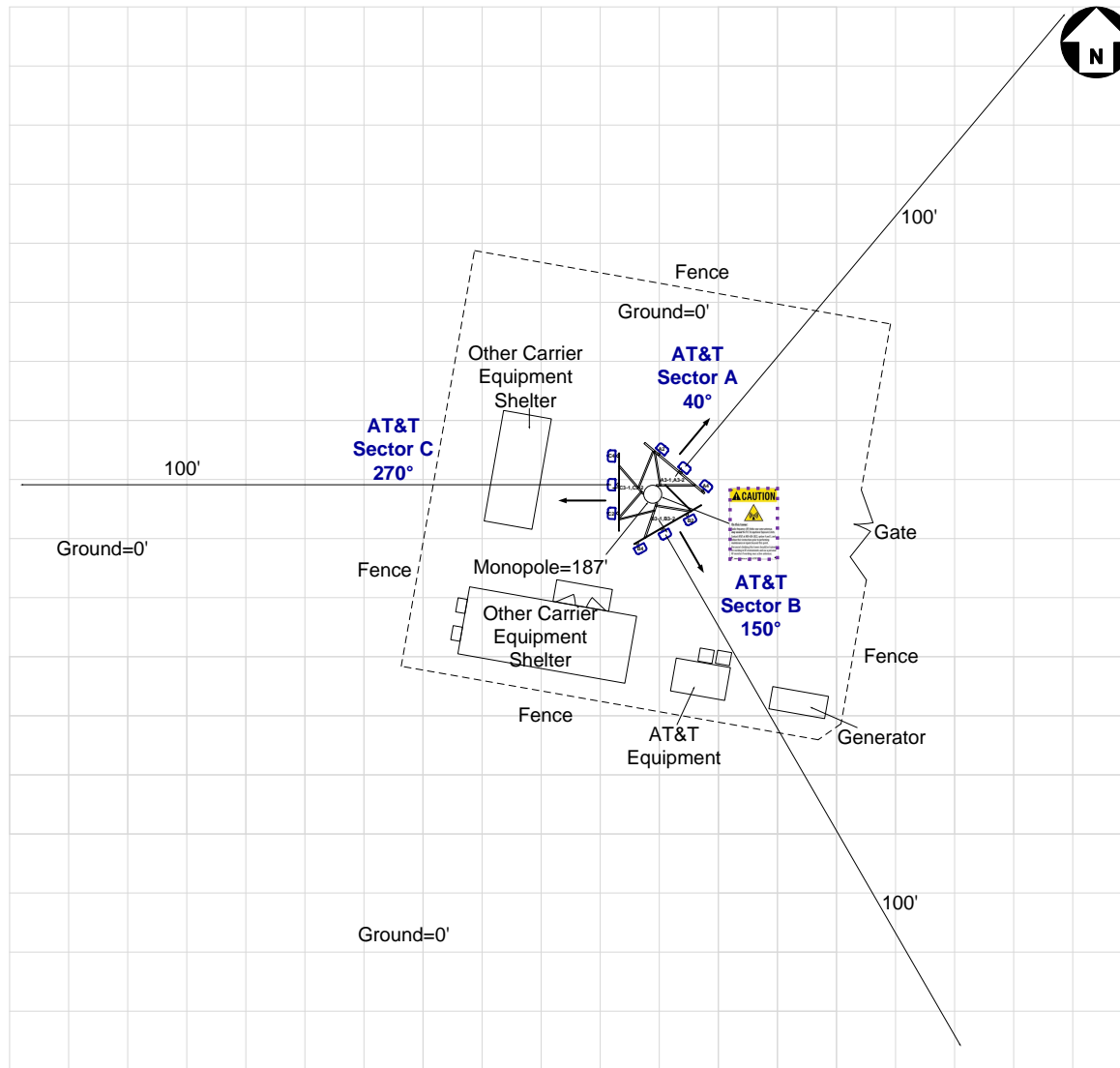
1.2 Signage Summary (Proposed)

AT&T Signage Locations	Sign Type									
	Safety Instructions	Notice Sign 2	Caution Sign 2	Caution Sign 2B	Caution Sign 2C	Caution 7"x7"	Warning Sign 1B	RF Exposure Map	Lock	Barriers
Access Point(s)				1						
Alpha										
Beta										
Gamma										
TABLE 2: Signage Summary (Proposed)										

1.3 List of Documents used to prepare this Report

- CD
- RFDS

2. Site Scale Map



AT&T Antenna		Proposed		Proposed Signage								Map Scale = 10 ft
	Panel		Barrier									
	OMNI		Posts									

3. Antenna Inventory

Ant ID	Operator	Antenna Mfg	Antenna Model	Antenna Type	FREQ. (MHz)	TECH.	AZ. (0)	H B W (0)	Antenna Gain (dBd)	Antenna Aperture (ft)	Transmitter Power (Watts)	Total Loss (dB)	Total ERP (Watts)	Total EIRP (Watts)
A2	AT&T	Commscope	QD8616-7	Panel	700	LTE	40	72	12.75	8	120.00	0.5	2014.56	3305.07
A2	AT&T	Commscope	QD8616-7	Panel	1900	LTE/5G	40	62	15.05	8	120.00	0.5	3421.22	5612.82
A2	AT&T	Commscope	QD8616-7	Panel	2100	LTE/5G	40	62	15.35	8	120.00	0.5	3665.91	6014.25
A3-1	AT&T	Commscope	AIR 6419 B77G^	Panel	3450	5G	40	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
A3-2	AT&T	Commscope	AIR 6449 B77D^	Panel	3840	5G	40	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
A4	AT&T	Commscope	DMP65R-BU8D	Panel	700	LTE	40	75	12.95	8	120.00	0.5	2109.51	3460.84
A4	AT&T	Commscope	DMP65R-BU8D	Panel	850	5G	40	64	13.85	8	120.00	0.5	2595.26	4257.76
A4	AT&T	Commscope	DMP65R-BU8D	Panel	2300	LTE	40	64	15.95	8	75.00	0.5	2630.64	4315.80
B2	AT&T	Commscope	QD8616-7	Panel	700	LTE	150	72	12.75	8	120.00	0.5	2014.56	3305.07
B2	AT&T	Commscope	QD8616-7	Panel	1900	LTE/5G	150	62	15.05	8	120.00	0.5	3421.22	5612.82
B2	AT&T	Commscope	QD8616-7	Panel	2100	LTE/5G	150	62	15.35	8	120.00	0.5	3665.91	6014.25
B3-1	AT&T	Commscope	AIR 6419 B77G^	Panel	3450	5G	150	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
B3-2	AT&T	Commscope	AIR 6449 B77D^	Panel	3840	5G	150	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
B4	AT&T	Commscope	DMP65R-BU8D	Panel	700	LTE	150	75	12.95	8	120.00	0.5	2109.51	3460.84
B4	AT&T	Commscope	DMP65R-BU8D	Panel	850	5G	150	64	13.85	8	120.00	0.5	2595.26	4257.76
B4	AT&T	Commscope	DMP65R-BU8D	Panel	2300	LTE	150	64	15.95	8	75.00	0.5	2630.64	4315.80
C2	AT&T	Commscope	QD8616-7	Panel	700	LTE	270	72	12.75	8	120.00	0.5	2014.56	3305.07
C2	AT&T	Commscope	QD8616-7	Panel	1900	LTE/5G	270	62	15.05	8	120.00	0.5	3421.22	5612.82
C2	AT&T	Commscope	QD8616-7	Panel	2100	LTE/5G	270	62	15.35	8	120.00	0.5	3665.91	6014.25
C3-1	AT&T	Commscope	AIR 6419 B77G^	Panel	3450	5G	270	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
C3-2	AT&T	Commscope	AIR 6449 B77D^	Panel	3840	5G	270	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
C4	AT&T	Commscope	DMP65R-BU8D	Panel	700	LTE	270	75	12.95	8	120.00	0.5	2109.51	3460.84
C4	AT&T	Commscope	DMP65R-BU8D	Panel	850	5G	270	64	13.85	8	120.00	0.5	2595.26	4257.76
C4	AT&T	Commscope	DMP65R-BU8D	Panel	2300	LTE	270	64	15.95	8	75.00	0.5	2630.64	4315.80

Table 3.1: Antenna Inventory Table

Note: ^ **Mechanical Tilt value of "0°" MUST be retained for C-BAND and/or DoD AAS antenna(s) at all times to ensure that "EME (Predictive) Study" shall remain valid.**

* 75% TDD duty Cycle, 1.5dB Power Tolerance & 0.32 Power Reduction factor¹ are used to calculate Transmitter Power & ERP/EIRP

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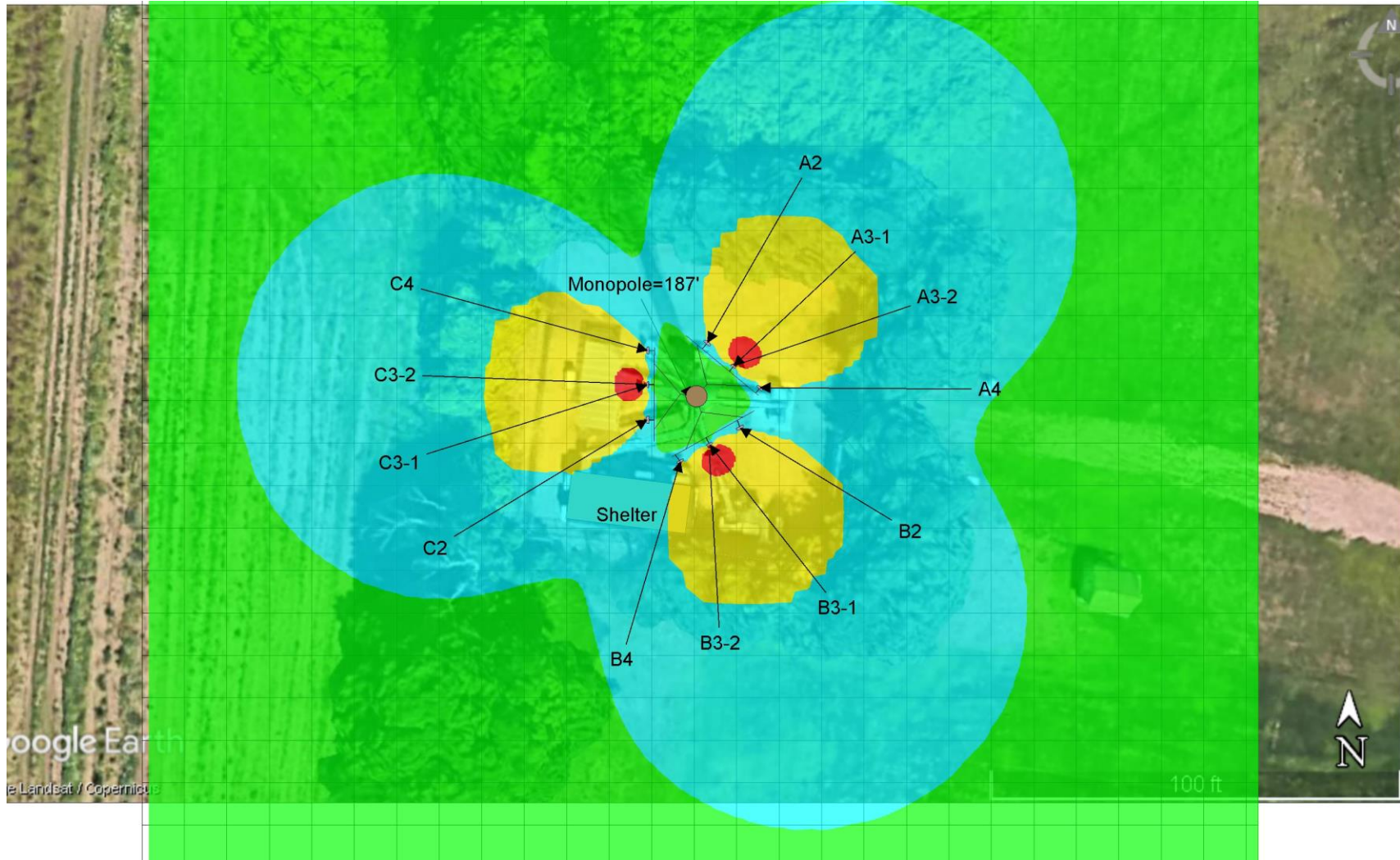
Antenna Heights (Z)

Ant ID	Operator	Antenna Radiation Centerline	Z-Height from Ground
A2	AT&T	157.00	153.00
A3-1	AT&T	158.66	157.39
A3-2	AT&T	155.25	153.98
A4	AT&T	157.00	153.00
B2	AT&T	157.00	153.00
B3-1	AT&T	158.66	157.39
B3-2	AT&T	155.25	153.98
B4	AT&T	157.00	153.00
C2	AT&T	157.00	153.00
C3-1	AT&T	158.66	157.39
C3-2	AT&T	155.25	153.98
C4	AT&T	157.00	153.00

Table 3.2: Antenna Height(s) Summary Table

4. Predicted Emission

4.1 Predictive Cumulative MPE Contribution from All Sources at Antennas Centerline Level (157 ft.)



Max. Predictive Spatial Average MPE% = 26276.10%

% of FCC General Public Exposure Limit (Predictive Spatial Average)

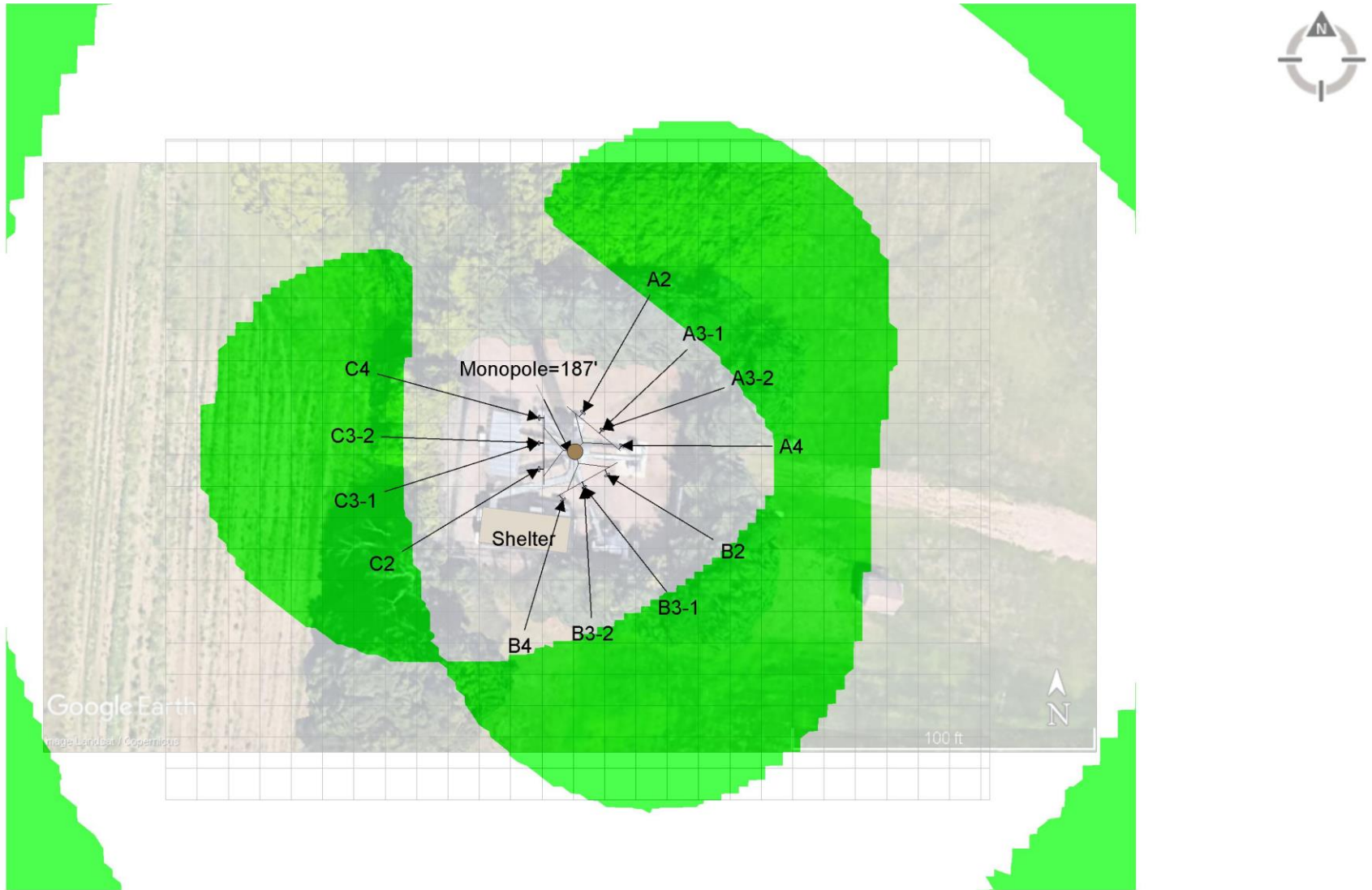
Proposed Barrier

Proposed Posts

Non-Simulated	0-1	1-100	100-500	500-5000	>5000

Map Scale = 10 ft

4.2 Predictive Cumulative MPE Contribution from All Sources at Ground Level (0 ft.)



Max. Predictive Spatial Average MPE% = 2.35%

% of FCC General Public Exposure Limit (Predictive Spatial Average)

Proposed Barrier - - - - -
Proposed Posts ●

Non-Simulated	0-1	1-100	100-500	500-5000	>5000

Map Scale = 10 ft

5. Statement of Compliance

5.1 *Statement of AT&T Mobility Compliance*

At the time of our Analysis, AT&T Mobility is required to take action to fulfill their Obligations to comply with the FCC's mandate as defined in OET-65

Recommendations

AT&T Alpha Sector:

- No actions required.

AT&T Beta Sector:

- No actions required.

AT&T Gamma Sector:

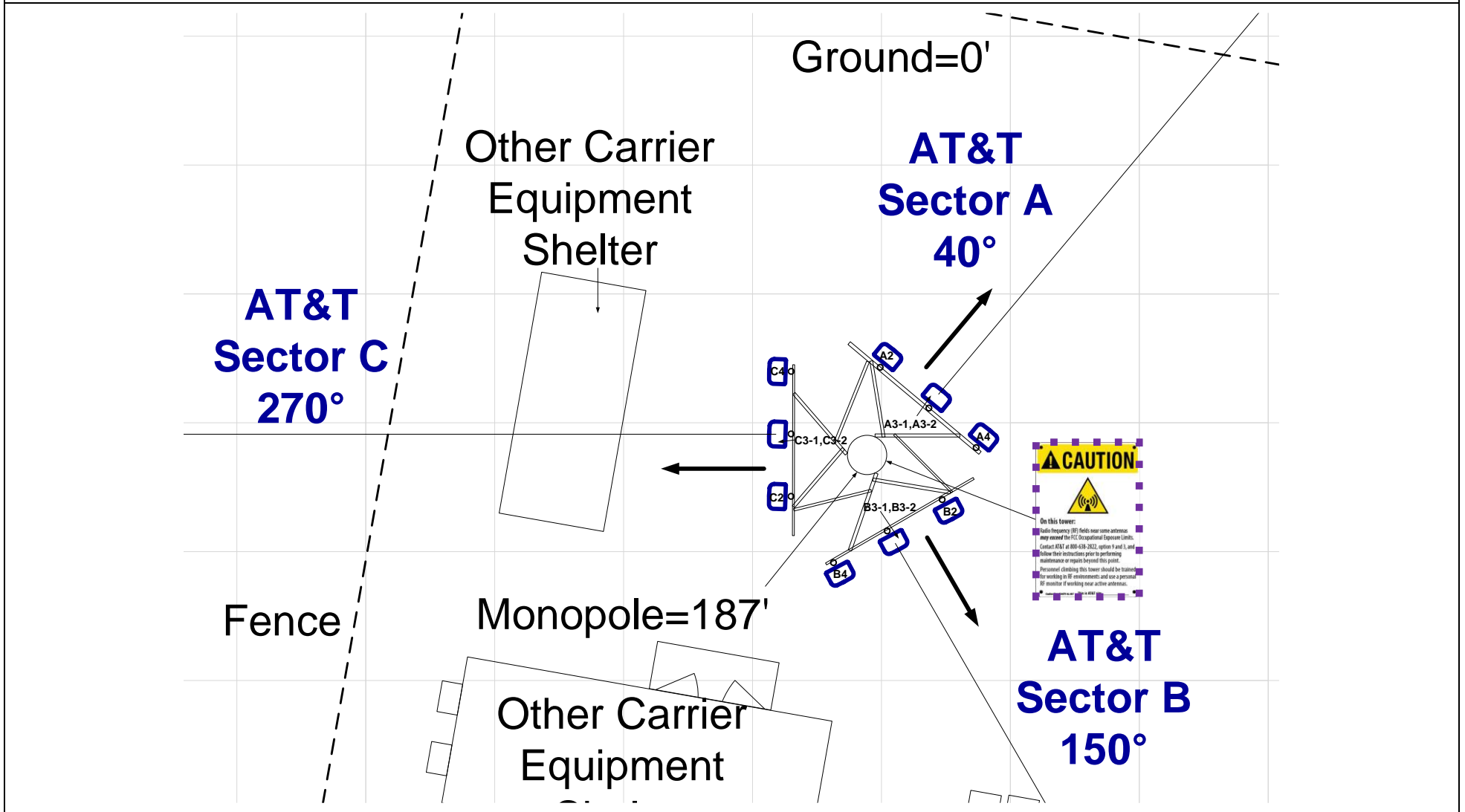
- No actions required.

Monopole:

- One Caution 2B Sign to be posted at the climbing access, facing outwards so approaching people can see as shown in "Recommendations Map – Detailed View" on page 10. (1 Total Sign)

Recommendations Map – Detailed View

AT&T Alpha, Beta & Gamma Sectors



AT&T Antenna Panel OMNI		Proposed Barrier Posts	Proposed Signage								RF Exposure Map 	Lock 	Map Scale = 10 ft
		Safety Instructions 	Notice 2 	Caution 2 	Caution 2B 	Caution 2C 	Caution 7"x7" 	Warning 1B 					

Appendix A – Statement of Limiting Conditions

General Model Assumptions

In this site compliance report, it is assumed that all antennas are operating at full power at all times. AT&T has further recommended to assume a 75% duty cycle of maximum radiated power for all LTE & 5G carriers (& consider 100% duty cycle for all UMTS carriers).

In this site compliance report, it is assumed that Mechanical Tilt value of “0°” MUST be retained for C-BAND and/or DoD AAS[^] antenna(s) at all times to ensure that “EME (Predictive) Study” shall remain valid.

AT&T recommended to consider - For C-BAND and/or DoD AAS[^] antenna(s) 75% TDD duty Cycle, 1.5dB Power Tolerance & 0.32 Power Reduction factor¹ are used to calculate Transmitter Power & ERP/EIRP.

AT&T recommended to use worst-case tilts for the simulations.

¹ **Power Reduction Factor:** IEC Standard 62232: 2017 allows for a statistically conservative power density model to more realistically define the RF exposure area. AT&T recommends a “0.32” factor to calculate the “Actual Maximum” (time averaged) power value, which accounts for “Beam Scanning,” “Scheduling,” and “RBS Utilization” This recommended value is a conservative figure modelled and supported by other vendors and through measurements published in scientific articles and white papers by IEEE and others. Those publication are listed below:

1. IEEE Access, *Time-Averaged Realistic Maximum Power Levels for the Assessment of RF Exposure for 5G Radio Base Stations Using Massive MIMO* (Published Sept. 18, 2017 / BJÖRN THORS, ANDERS FURUSKÅR, DAVIDE COLOMBI, AND CHRISTER TÖRNEVIK)
2. IEEE Explore, *A Statistical Approach for RF Exposure Compliance Boundary Assessment in Massive MIMO Systems* (Published Jan. 25, 2018 / Paolo Baracca, Andreas Weber, Thorsten Wild, Christophe Grangeat)
3. IEEE Access, *In-situ Measurement Methodology for the Assessment of 5G NR Massive MIMO Base Station Exposure at Sub-6 GHz Frequencies* (Published Dec. 20, 2019 / SAM AERTS, LEEN VERLOOCK, MATTHIAS VAN DEN BOSSCHE, DAVIDE COLOMBI, LUC MARTENS, CHRISTER TÖRNEVIK AND WOUT JOSEPH)
4. Applied Sciences, *Analysis of the Actual Power and EMF Exposure from Base Stations in a Commercial 5G Network* (Published July 30, 2020 / Davide Colombi, Paramananda Joshi, Bo Xu, Fatemeh Ghasemifard, Vignesh Narasaraju and Christer Törnevik)
5. Ofcom Technical Report, *Electromagnetic Field (EMF) measurements near 5G mobile phone base stations* (Published Feb. 21, 2020 / Davide Colombi, Paramananda Joshi, Bo Xu, Fatemeh Ghasemifard, Vignesh Narasaraju and Christer Törnevik)

MobileComm believes these areas to be safe for entry by occupationally trained personnel utilizing appropriate personal protective equipment (in most cases, a personal monitor). Thus, at any time, if power density measurements were made, we believe the real time measurements would indicate levels below those depicted in the RF emission diagram(s) in this report. By modelling in this way, MobileComm has conservatively shown exclusion areas – areas that should not be entered without the use of a personal monitor, carriers reducing power, or performing real-time measurements to indicate real-time exposure levels.

Use of Generic Antennas

For the purposes of this report, the use of “Generic” as an antenna model, or “Other Carrier” for an operator means the information about a carrier, their FCC license and/or antenna information was not provided and could not be obtained while on site. In the event of unknown information, MobileComm will use our industry specific knowledge of equipment, antenna models, and transmit power to model the site. Information about similar facilities is used when the service is identified and associated with a particular antenna. If no information is available regarding the transmitting service associated with an unidentified antenna, using the antenna manufacturer’s published data regarding the antenna’s physical characteristics makes more conservative assumptions.

Where the frequency is unknown, MobileComm uses the closest frequency in the antenna’s range that corresponds to the highest Maximum Exposure Limit (MPE), resulting in a conservative analysis.

Appendix B – FCC Guidelines and Emissions Threshold Limits

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

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

General Population/Uncontrolled exposure limits apply to situations in which the general public 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 public 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 ($\mu\text{W}/\text{cm}^2$). The general population exposure limit for the 700 and 800 MHz Bands is approximately $467 \mu\text{W}/\text{cm}^2$ and $567 \mu\text{W}/\text{cm}^2$ respectively, and the general population exposure limit for the 1900 MHz PCS and 2100 MHz AWS bands is $1000 \mu\text{W}/\text{cm}^2$. Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report percent of MPE rather than power density.

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, have been properly trained in RF safety 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, have been trained in RF safety and can exercise control over his or her exposure by leaving the area or by some other appropriate means. The Occupational/Controlled exposure limits all utilized frequency bands is five (5) times the FCC's General Public / Uncontrolled exposure limit.

Additional details can be found in FCC OET 65.

Table 1: Limits for Maximum Permissible Exposure (MPE)				
(A) Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time [E] ² , [H] ² , or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1,500	--	--	f/300	6
1,500-100,000	--	--	5	6
(B) Limits for General Public/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time [E] ² , [H] ² , or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1,500	--	--	f/1,500	30
1,500-100,000	--	--	1.0	30

Appendix C – Rules & Regulations

Explanation of Applicable Rules and Regulations

FCC has set forth guidelines in OET Bulletin 65 for human exposure to radio frequency electromagnetic fields. Currently, there are two different levels of MPE - General Public MPE and Occupational MPE. An individual classified as Occupational can be defined as an individual who has received appropriate RF training and meets the conditions outlined below. General Public is defined as anyone who does not meet the conditions of being Occupational. FCC Rules and Regulations define compliance in terms of total exposure to total RF energy, regardless of location of or proximity to the sources of energy.

It is the responsibility of all licensees to ensure these guidelines are maintained at all times. It is the ongoing responsibility of all licensees composing the site to maintain ongoing compliance with FCC rules and regulations.

A building owner or site manager can use this report as part of an overall RF Health and Safety Policy. It is important for building owners/site managers to identify areas in excess of the General Population MPE and ensure that only persons qualified as Occupational are granted access to those areas.

Occupational Environment Explained

The FCC definition of Occupational exposure limits apply to persons who:

- *are exposed to RF energy as a consequence of their employment;*
- *have been made aware of the possibility of exposure; and*
- *can exercise control over their exposure.*

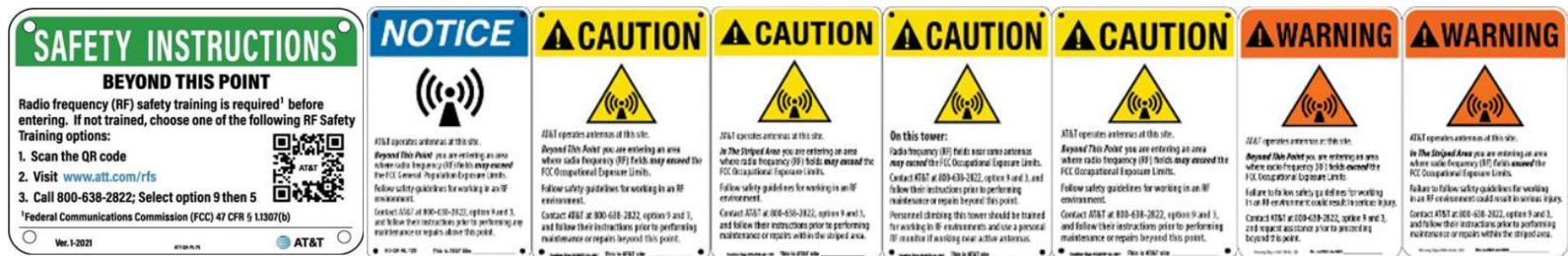
FCC guidelines go further to state that persons must complete RF Safety Awareness training and must be trained in the use of appropriate personal protective equipment.

In order to consider this site an Occupational Environment, the site must be controlled to prevent access by any individuals classified as the General Public. Compliance is also maintained when any non-occupational individuals (the General Public) are prevented from accessing areas indicated as Red or Yellow in the attached RF Emissions diagram. In addition, a person must be aware of the RF environment into which they are entering. This can be accomplished by an RF Safety Awareness class, and by appropriate written documentation such as this Site Compliance Report.

Appendix D – General Safety Recommendations

The following are general recommendations appropriate for any site with accessible areas in excess of 100% General Public MPE. These recommendations are not specific to this site. These are safety recommendations appropriate for typical site management, building management, and other tenant operations.

- All individuals needing access to the main site should be instructed to read and obey all posted placards and signs.
- The site should be routinely inspected and this or similar report updated with the addition of any antennas or upon any changes to the RF environment including:
 - adding new antennas that may have been located on the site
 - removing of any existing antennas
 - changes in the radiating power or number of RF emitters
- Post the appropriate SAFETY INSTRUCTIONS, NOTICE, CAUTION & WARNING sign at the main site access point(s) and other locations as required. Note: Please refer to RF Exposure Diagrams in the report section above, to inform everyone who has access to this site that beyond posted signs there may be levels in excess of the limits prescribed by the FCC. The signs below are examples of signs meeting FCC guidelines.



- Ensure that the site door remains locked (or appropriately controlled) to deny access to the general public if deemed as policy by the building/site owner.
- For a General Public environment the five color levels identified in measured RF emission diagram can be interpreted in the following manner:
 - White represents areas predicted to be greater than or equal to 0% and less than 1% of the MPE general public limits
 - Green represents areas predicted to be greater than or equal to 1% and less than 100% of the MPE general public limits
 - Blue represents areas predicted to be greater than or equal to 100% and lesser than 500% of the MPE general public limits.
 - Yellow represents areas predicted to be greater than or equal to 500% and lesser than 5000% of the MPE general public limits.
 - Red areas indicates safety predicted levels greater than or equal to 5000% of the MPE general public limits.

Appendix E – References

1 - FCC Definition

FCC defines an Occupational or Controlled environment as one where persons are exposed to RF fields as a consequence of their employment and where those persons exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Typical criteria for an Occupational or Controlled environment is restricted access (i.e. locked doors, gates, etc.) to areas where antennas are located coupled with proper RF warning signage.

FCC defines a site as a General Public or Uncontrolled environment when human exposure to RF fields occurs to the general public or in which persons who are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over the exposure. Typical criteria for a General Public or Uncontrolled environment are unrestricted access (i.e. unlocked or no restrictions) to areas where antennas are located without proper RF warning signage being posted.

2 - Physical Testing measurement procedure and Tools

The Narda Broadband Field Meter NBM-550 can make rapid conformance measurements with evaluation in the time domain when used in conjunction EA5091 probe. This probe is a so-called Shaped Probe, i.e. it is frequency weighted so that it automatically takes account of the FCC Occupational limit values. To collect data, the probe is pointed towards the potential source(s) of EME radiation and moved slowly from ground level up to slightly above head height (approx. 6 ft).

Spatial Average Measurement A technique used to average a minimum of ten (10) measurements taken in a ten (10) second interval from zero (0) to six (6) feet. This measurement is intended to model the average energy an average sized human body will absorb while present in an electromagnetic field of energy.

3 - Site Safety Procedures

The following items are general safety recommendations that should be administered on a site by site basis as needed by the carrier.

General Maintenance Work: *Any maintenance personnel required to work immediately in front of antennas and / or in areas indicated as above 100% of the Occupational MPE limits should coordinate with the wireless operators to disable transmitters during their work activities.*

Training and Qualification Verification: *All personnel accessing areas indicated as exceeding the General Population MPE limits should have a basic understanding of EME awareness and RF Safety procedures when working around transmitting antennas. Awareness training increases a workers understanding to potential RF exposure scenarios. Awareness can be achieved in a number of ways (e.g. videos, formal classroom lecture or internet based courses).*

Physical Access Control: *Access restrictions to transmitting antennas locations is the primary element in a site safety plan. Examples of access restrictions are as follows:*

- *Locked door or gate*
- *Alarmed door*
- *Locked ladder access*
- *Restrictive Barrier at antenna locations (e.g. Chain link with posted RF Sign)*

RF Signage: *Everyone should obey all posted signs at all times. RF signs play an important role in properly warning a worker prior to entering into a potential RF Exposure area.*

Assume all antennas are active: *Due to the nature of telecommunications transmissions, an antenna transmits intermittently. Always assume an antenna is transmitting. Never stop in front of an antenna. If you have to pass by an antenna, move through as quickly and safely as possible thereby reducing any exposure to a minimum.*

Maintain a 3 foot clearance from all antennas: *There is a direct correlation between the strength of an EME field and the distance from the transmitting antenna. The further away from an antenna, the lower the corresponding EME field is.*

Rooftop RF Emissions Diagram: *Section 4 of this report contains an RF Emissions Diagram that outlines various theoretical Maximum Permissible Exposure (MPE) areas on the rooftop. This analysis is all theoretical and assumes a duty cycle of 75% for each transmitting antenna at full power. This analysis is a worst case scenario. This analysis is based on one of two access control criteria: General Public criteria means the access to the site is uncontrolled and anyone can gain access. Occupational criteria means the access is restricted and only properly trained individuals can gain access to the antenna locations.*

4 - Definitions

Compliance- *The determination of whether a site is safe or not with regards to Human Exposure to Radio Frequency Radiation from transmitting antennas.*

Decibel (dB) – *A unit for measuring power or strength of a signal.*

Duty Cycle – *The percent of pulse duration to the pulse period of a periodic pulse train. Also, may be a measure of the temporal transmission characteristic of an intermittently transmitting RF source such as a paging antenna by dividing average transmission duration by the average period for transmission. A duty cycle of 75% corresponds to continuous operation.*

Effective (or Equivalent) Isotropic Radiated Power (EIRP) – *The product of the power supplied to the antenna and the antenna gain in a given direction relative to an isotropic antenna, this product is divided by the cable losses*

Effective Radiated Power (ERP) – *In a given direction, the relative gain of a transmitting antenna with respect to the maximum directivity of a half wave dipole multiplied by the net power accepted by the antenna from the connecting transmitter.*

Gain (of an antenna in dbd) – *The ratio of the maximum intensity in a given direction to the maximum radiation in the same direction from a reference dipole. Gain is a measure of the relative efficiency of a directional antennas as compared to a reference dipole.*

General Population/Uncontrolled Environment – *Defined by the FCC, as an area where RFR exposure may occur to persons who are unaware of the potential for exposure and who have no control of their exposure. General Population is also referenced as General Public.*

Generic Antenna – *For the purposes of this report, the use of “Generic” as an antenna model means the antenna information was not provided and could not be obtained while on site. In the event of unknown information, MobileComm will use our industry specific knowledge of antenna models to select a worst case scenario antenna to model the site.*

Isotropic Antenna – *An antenna that is completely non-directional. In other words, an antenna that radiates energy equally in all directions.*

Maximum Measurement – *This measurement represents the single largest measurement recorded when performing a spatial average measurement.*

Maximum Exposure Limit (MPE) – *The RMS and peak electric and magnetic field strength, their squares, or the plane-wave equivalent power densities associated with these fields to which a person may be exposed without harmful effect and with acceptable safety factor.*

Occupational/Controlled Environment – *Defined by the FCC, as an area where Radio Frequency Radiation (RFR) exposure may occur to persons who are aware of the potential for exposure as a condition of employment or specific activity and can exercise control over their exposure.*

Radio Frequency Radiation – *Electromagnetic waves that are propagated from antennas through space.*

Spatial Average Measurement – *A technique used to average a minimum of ten (10) measurements taken in a ten (10) second interval from zero (0) to six (6) feet. This measurement is intended to model the average energy an average sized human body will absorb while present in an electromagnetic field of energy.*

Transmitter Power Output (TPO) – *The radio frequency output power of a transmitter's final radio frequency stage as measured at the output terminal while connected to a load.*

Appendix F – Proprietary Statement

This report was prepared for the use of AT&T Mobility, LLC to meet requirements specified in AT&T's corporate RF safety guidelines. It was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same locale under like circumstances. The conclusions provided by MobileComm are based solely on the information provided by AT&T Mobility and all observations in this report are valid on the date of the investigation. Any additional information that becomes available concerning the site should be provided to MobileComm so that our conclusions may be revised and modified, if necessary. This report has been prepared in accordance with Standard Conditions for Engagement and authorized proposal, both of which are integral parts of this report. No other warranty, expressed or implied, is made.

Date: **May 18, 2022**



MTS Engineering, P.L.L.C.
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630

Subject: **Structural Analysis Report**

Carrier Designation: **AT&T Mobility Co-Locate**
Site Number: CT5857
Site Name: CT SOMERS FD CAC
FA Number: 10108715

Crown Castle Designation: **BU Number:** 803934
Site Name: CT SOMERS FD CAC
JDE Job Number: 686185
Work Order Number: 2115204
Order Number: 586342 Rev. 1

Engineering Firm Designation: **Project Number:** 87311.015.01

Site Data: **400 MAIN STREET, SOMERS, Tolland County, CT**
Latitude 41° 59' 1.48", Longitude -72° 27' 56.87"
187 Foot - Monopole Tower

We are pleased to submit this "**Structural Analysis Report**" to determine the structural integrity of the above-mentioned tower.

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

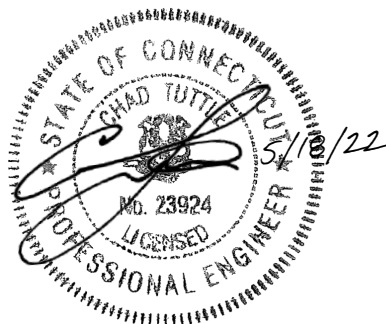
LC7: Proposed Equipment Configuration

Sufficient Capacity

This analysis utilizes an ultimate 3-second gust wind speed of 117 mph as required by the 2018 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Rose Denny

Respectfully submitted by: B+T Engineering, Inc.
COA BER:2386985;



Chad E. Tuttle, P.E.

tnxTower Report - version 8.1.1.0

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1) INTRODUCTION

This tower is a 187 ft. Monopole tower designed by Summit Manufacturing.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	117 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	
154.0	158.5	1	SitePro1	PRK-SFS-L Stabilizer Kit	6 2 3 2 3	1-5/8 1-1/8 7/8 13/16 3/8	
	157.5	1	SitePro1	PRK-SFS-L Stabilizer Kit			
	157.0	157.0	3	CCI Antennas			DMP65R-BU8D
			3	Ericsson			AIR 6419 B77G_CCIV3
			3	Ericsson			RRUS 4415 B30
			3	Ericsson			RRUS 4449 B5/B12
			3	Ericsson			RRUS 4478 B14_CCIV2
			3	Ericsson			RRUS 8843 B2/B66A_CCIV2
			3	Quintel Tech.			QD8616-7
	2	Raycap	DC6-48-60-18-8F				
	1	Raycap	DC9-48-60-24-8C-EV_CCIV2				
	157.0	3	--	13' RAIL-P3 STD Pipe			
	154.0	154.0	1	--			Sector Mount [SM 503-3]
			1	SitePro1			Tieback Kit
153.0	3	Ericsson	AIR 6449 B77D_CCIV2				

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
188.0	193.0	1	Andrew	DB404L-B	4 1	1-1/4 7/8
	190.0	3	Alcatel Lucent	TD-RRH8X20-25		
		2	Rfs Celwave	APXVSPP18-C-A20		
	188.0	1	Rfs Celwave	APXVSPP18-C-A20		
	186.0	3	--	Platform Mount [LP 1201-1]		
186.0	186.0	3	Alcatel Lucent	800MHZ 2X50W RRH W/FILTER	--	--
		3	Alcatel Lucent	PCS 1900MHz 4x45W-65MHz		
		1	--	Side Arm Mount [SO 102-3]		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
177.0	177.0	3	Alcatel Lucent	TME-RRH2X40 700	--	--
		1	--	Side Arm Mount [SO 102-3]		
175.0	175.0	2	Antel	LPA-80063/4CF	13	1-5/8
		4	Antel	LPA-80080-4CF-EDIN-0		
		6	Commscope	NHH-65B-R2B		
		1	Raycap	RVZDC-6627-PF-48		
		3	Samsung Telecomm.	MT6407-77A		
		3	Samsung Telecomm.	RF4439D-25A		
		3	Samsung Telecomm.	RF4440D-13A		
		1	--	Platform Mount [LP 1201-1]		
		1	--	Side Arm Mount [SO 102-3]		
166.0	166.0	3	Ericsson	RADIO 4415 B66A_CCIV3	3	1-5/8
		3	Ericsson	RADIO 4449 B71 B85A_T-MOBILE		
		3	Ericsson	RRUS 4415 B25_CCIV2		
		3	Rfs Celwave	APX16DWV-16DWV-S-E-A20		
		3	Rfs Celwave	APXVAALL24_43-U-NA20_TMO		
		1	--	Platform Mount [LP 1201-1_HR-1]		
150.0	150.0	3	Rfs Celwave	APXV18-206517S-C	6	1-5/8
120.0	125.0	1	Sinclair	SD212-SF2P2SNM	1	7/8
	120.0	1	--	Side Arm Mount [SO 702-1]		
115.0	122.0	1	Sinclair	SD110-SFXPASNM	1	1/2
81.0	82.0	1	Telewave	ANT450D3	1	7/8
	81.0	1	--	Side Arm Mount [SO 309-1]		
48.0	48.0	1	Lucent	KS24019-L112A	1	1/2
		1	--	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Manufacturer Drawing	419873	CCI Sites
Foundation Drawing	1058248	CCI Sites
Geotech Report	1095648	CCI Sites
Crown CAD Package	Date: 05/11/2022	CCI Sites

3.1) Analysis Method

tnxTower (version 8.1.1.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 standard.

3.2) Assumptions

- 1) The tower and structures were maintained in accordance with the - TIA-222 standard.
- 2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	187 - 136	Pole	TP36.201x26x0.25	1	-22.810	1708.402	53.6	Pass
L2	136 - 89.5	Pole	TP45.003x34.801x0.375	2	-34.616	3178.707	61.0	Pass
L3	89.5 - 44.25	Pole	TP53.304x43.103x0.438	3	-50.957	4394.155	65.5	Pass
L4	44.25 - 0	Pole	TP61.28x51.079x0.5	4	-75.082	5924.929	65.0	Pass
							Summary	
						Pole (L3)	65.5	Pass
						Rating =	65.5	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	Base	62.0	Pass
1,2	Base Plate	Base	44.0	Pass
1,2	Base Foundation (Structure)	Base	71.7	Pass
1,2	Base Foundation (Soil Interaction)	Base	53.5	Pass

Structure Rating (max from all components) =	71.7%
---	--------------

Notes:

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

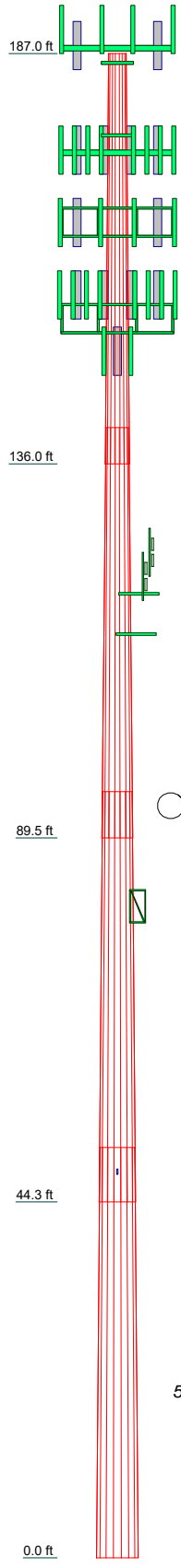
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	1	2	3	4	
Length (ft)	51.000	51.000	51.000	51.000	
Number of Sides	18	18	18	18	
Thickness (in)	0.250	0.375	0.438	0.500	
Socket Length (ft)	4.500	5.750	6.750	6.750	
Top Dia (in)	26.000	34.801	43.103	51.079	
Bot Dia (in)	36.201	45.003	53.304	61.280	
Grade		A607-65			
Weight (K)	4.2	8.2	11.5	15.3	39.3

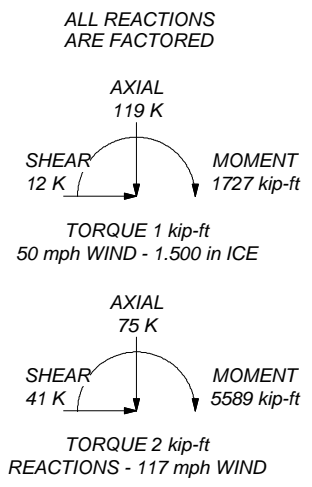


MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A607-65	65 ksi	80 ksi			

TOWER DESIGN NOTES

1. Tower is located in Tolland County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 117 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. TIA-222-H Annex S
9. TOWER RATING: 65.5%



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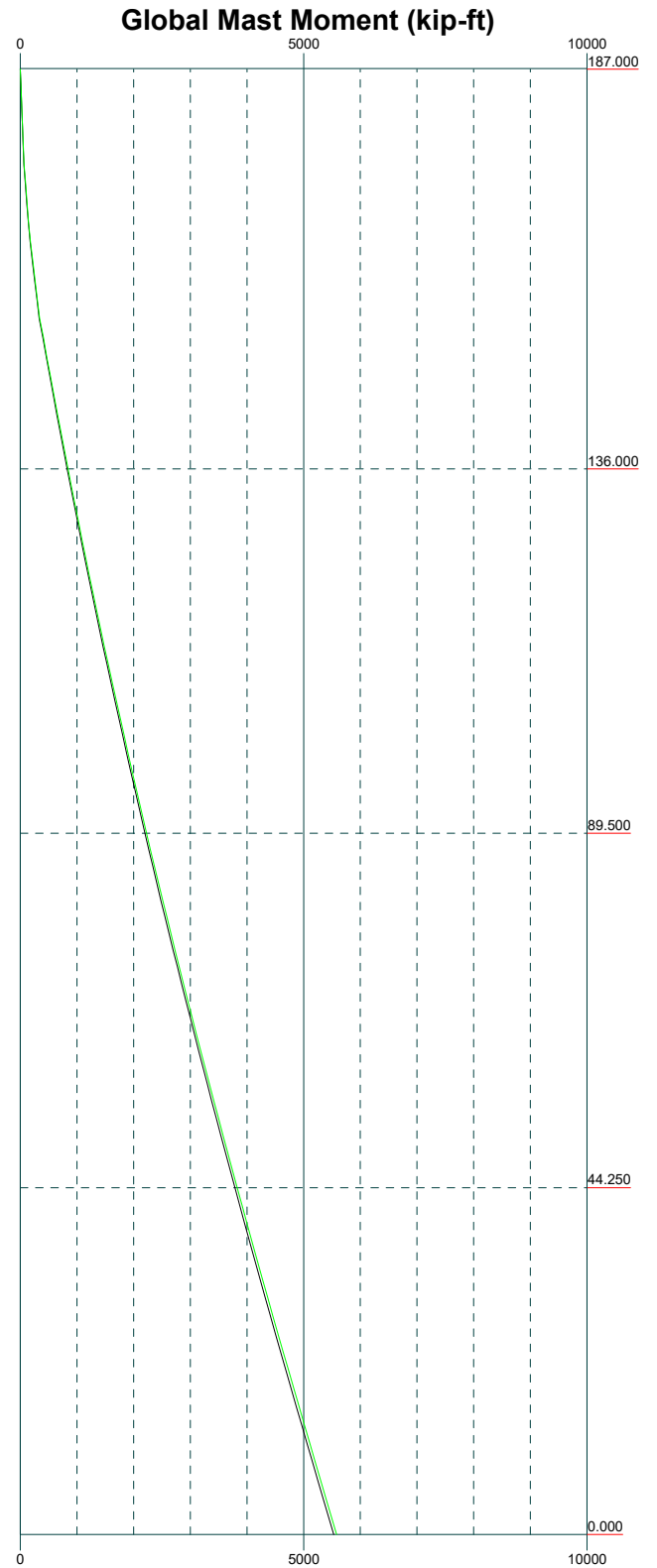
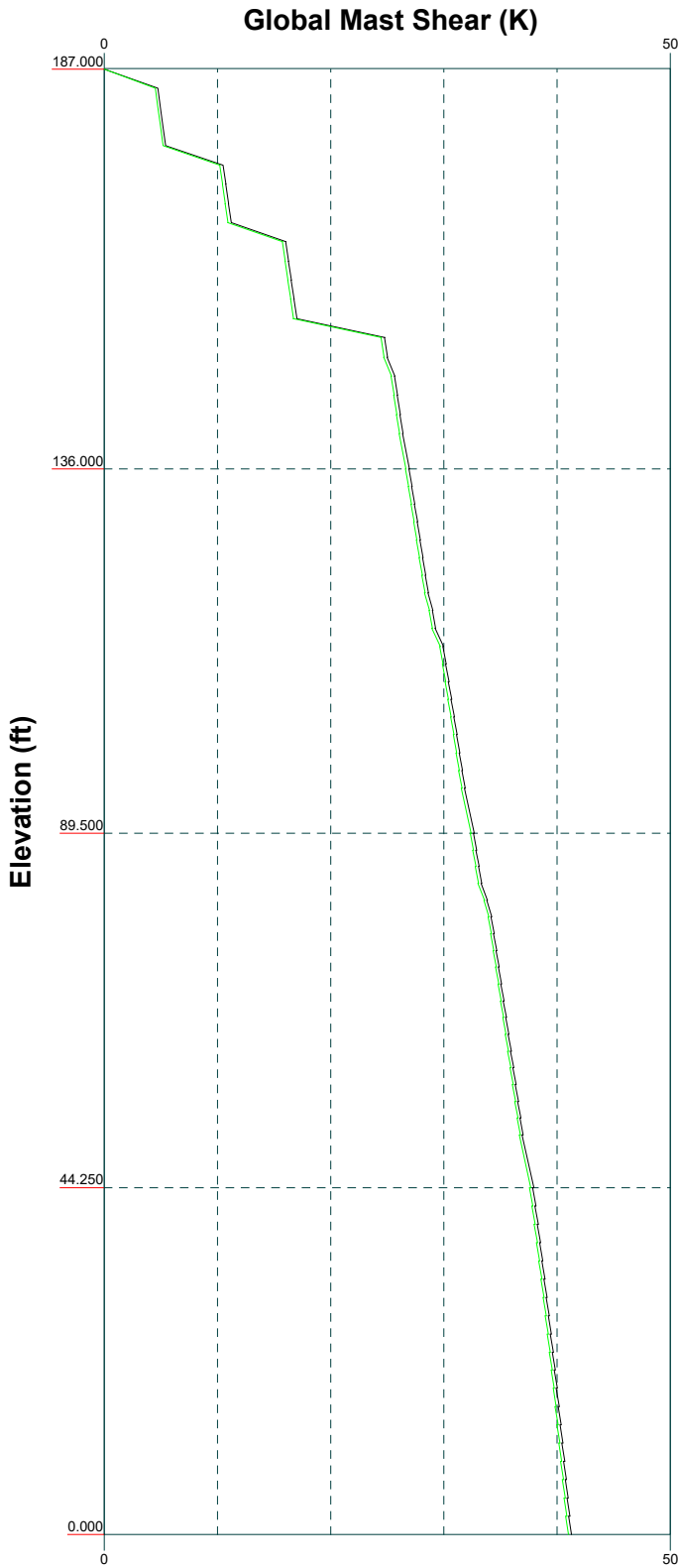
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Project:		
Client: Crown Castle	Drawn by: S. Shet	App'd:
Code: TIA-222-H	Date: 05/18/22	Scale: NTS
Path:	Dwg No. E-1	

Vx

Vz

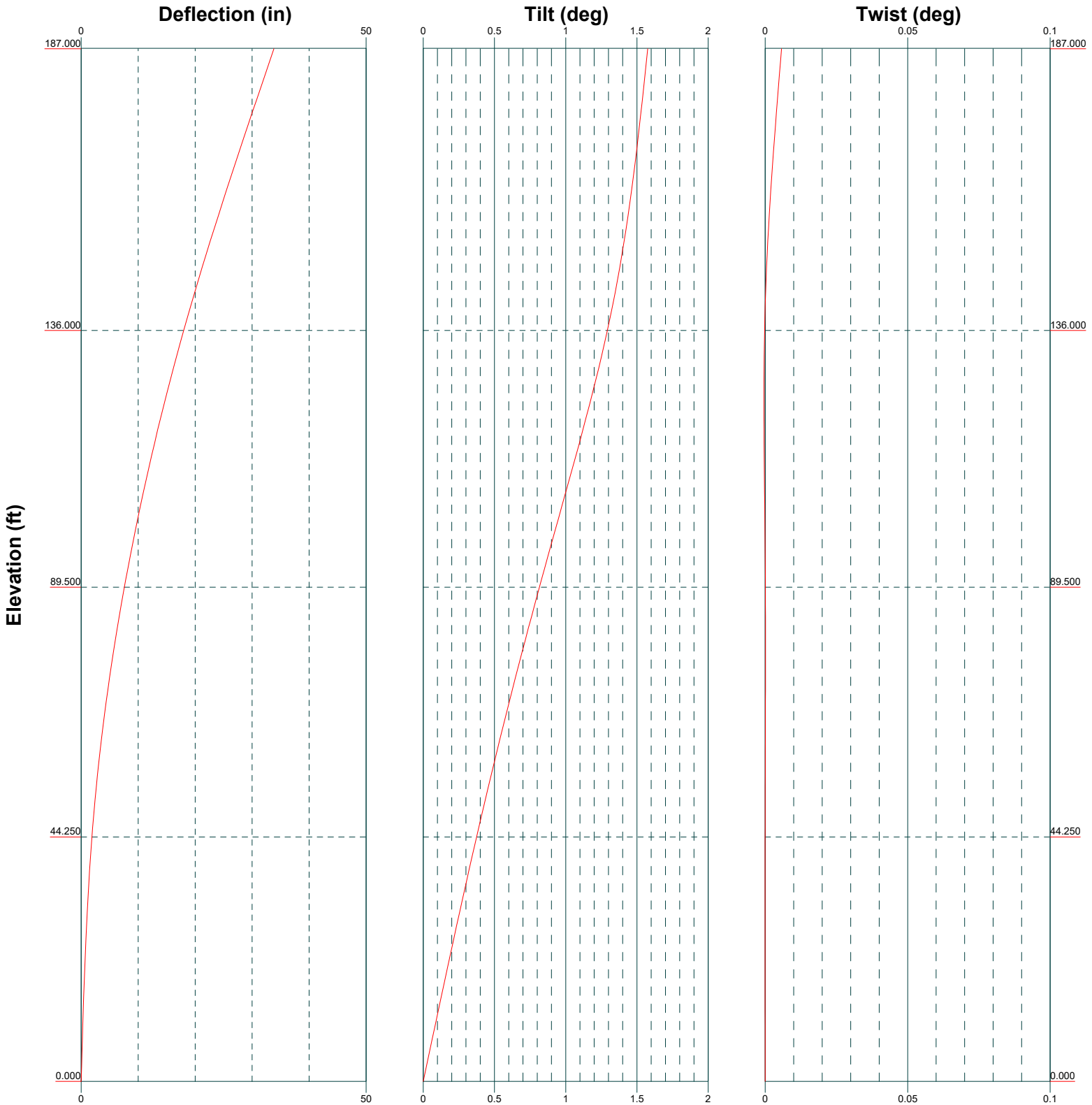
Mx

Mz



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Job: 87311.015.01 - CT SOMERS FD CAC, CT (BU# 80393)		
Project:		
Client: Crown Castle	Drawn by: S. Shet	App'd:
Code: TIA-222-H	Date: 05/18/22	Scale: NTS
Path:	Dwg No. E-4	



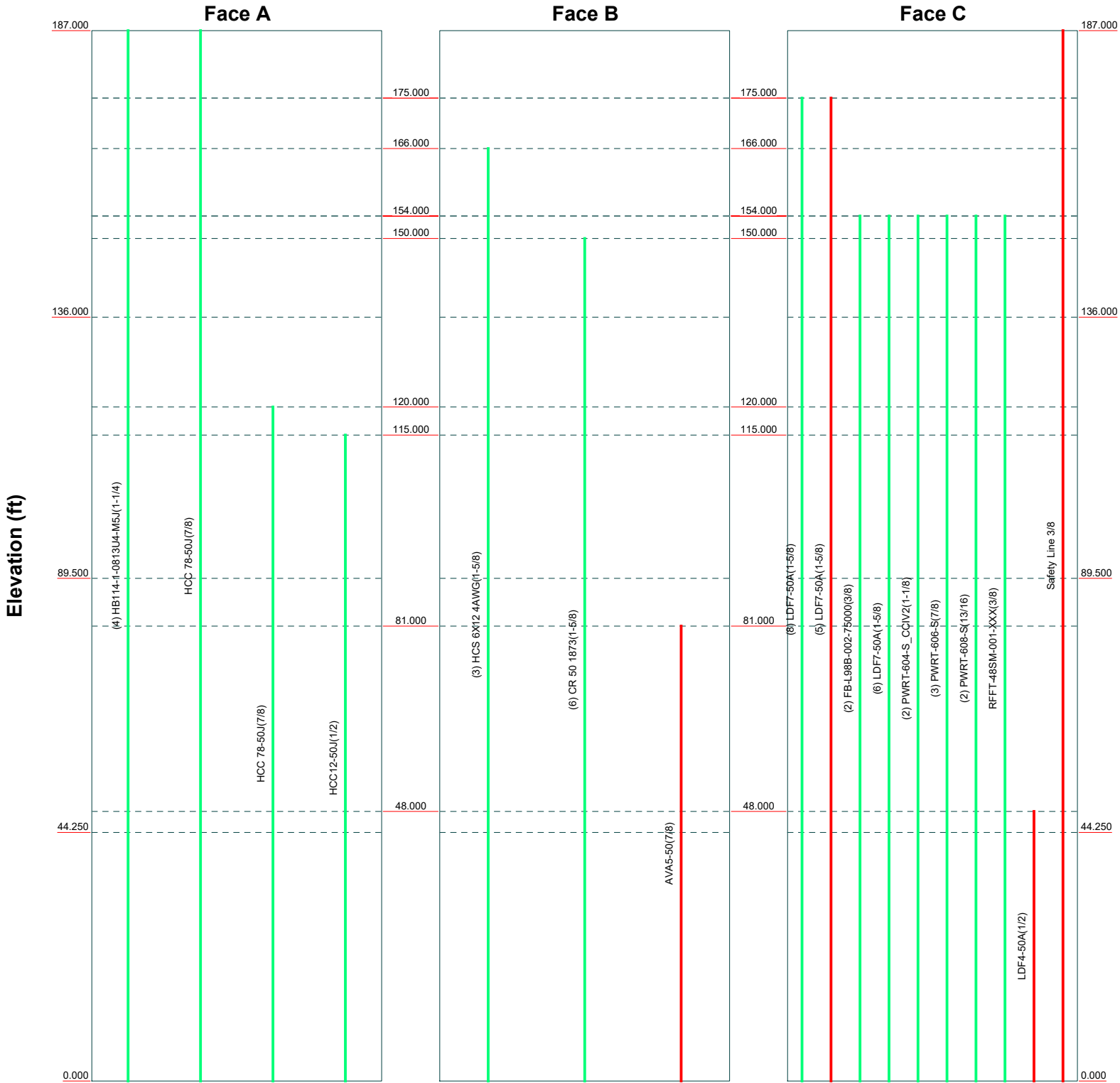
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Job: 87311.015.01 - CT SOMERS FD CAC, CT (BU# 80393)		
Project:		
Client: Crown Castle	Drawn by: S. Shet	App'd:
Code: TIA-222-H	Date: 05/18/22	Scale: NTS
Path:	Dwg No: E-5	

Feed Line Distribution Chart

0' - 187'

— Round
 — Flat
 — App In Face
 — App Out Face
 — Truss Leg



 <p>MTS Engineering, P.L.L.C. 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	Job: 87311.015.01 - CT SOMERS FD CAC, CT (BU# 80393)		
	Project:		
	Client: Crown Castle	Drawn by: S. Shet	App'd:
	Code: TIA-222-H	Date: 05/18/22	Scale: NTS
	Path:	Dwg No: E-7	

<p>tnxTower</p> <p>MTS Engineering, P.L.L.C. 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	Job 87311.015.01 - CT SOMERS FD CAC, CT (BU# 803934)	Page 1 of 23
	Project	Date 10:25:41 05/18/22
	Client Crown Castle	Designed by S. Shet

Tower Input Data

The tower is a monopole.

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

The following design criteria apply:

- Tower is located in Tolland County, Connecticut.
- Tower base elevation above sea level: 198.000 ft.
- Basic wind speed of 117 mph.
- Risk Category II.
- Exposure Category C.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.000 ft.
- Nominal ice thickness of 1.500 in.
- Ice thickness is considered to increase with height.
- Ice density of 56.000 pcf.
- A wind speed of 50 mph is used in combination with ice.
- Temperature drop of 50.000 °F.
- Deflections calculated using a wind speed of 60 mph.
- TIA-222-H Annex S.
- A non-linear (P-delta) analysis was used.
- Pressures are calculated at each section.
- Stress ratio used in pole design is 1.
- Tower analysis based on target reliabilities in accordance with Annex S.
- Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
- Maximum demand-capacity ratio is: 1.05.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> Consider Moments - Legs Consider Moments - Horizontals Consider Moments - Diagonals Use Moment Magnification √ Use Code Stress Ratios √ Use Code Safety Factors - Guys Escalate Ice Always Use Max Kz Use Special Wind Profile Include Bolts In Member Capacity Leg Bolts Are At Top Of Section Secondary Horizontal Braces Leg Use Diamond Inner Bracing (4 Sided) SR Members Have Cut Ends SR Members Are Concentric | <ul style="list-style-type: none"> Distribute Leg Loads As Uniform Assume Legs Pinned √ Assume Rigid Index Plate √ Use Clear Spans For Wind Area Use Clear Spans For KL/r Retension Guys To Initial Tension √ Bypass Mast Stability Checks √ Use Azimuth Dish Coefficients √ Project Wind Area of Appurt. Autocalc Torque Arm Areas Add IBC .6D+W Combination Sort Capacity Reports By Component Triangulate Diamond Inner Bracing Treat Feed Line Bundles As Cylinder Ignore KL/ry For 60 Deg. Angle Legs | <ul style="list-style-type: none"> Use ASCE 10 X-Brace Ly Rules Calculate Redundant Bracing Forces Ignore Redundant Members in FEA SR Leg Bolts Resist Compression All Leg Panels Have Same Allowable Offset Girt At Foundation √ Consider Feed Line Torque Include Angle Block Shear Check Use TIA-222-H Bracing Resist. Exemption Use TIA-222-H Tension Splice Exemption <li style="text-align: center;">Poles √ Include Shear-Torsion Interaction Always Use Sub-Critical Flow Use Top Mounted Sockets Pole Without Linear Attachments Pole With Shroud Or No Appurtenances Outside and Inside Corner Radii Are Known |
|--|---|---|

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Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	187.000-136.000	51.000	4.500	18	26.000	36.201	0.250	1.000	A607-65 (65 ksi)
L2	136.000-89.500	51.000	5.750	18	34.801	45.003	0.375	1.500	A607-65 (65 ksi)
L3	89.500-44.250	51.000	6.750	18	43.103	53.304	0.438	1.750	A607-65 (65 ksi)
L4	44.250-0.000	51.000		18	51.079	61.280	0.500	2.000	A607-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in ²	I in ⁴	r in	C in	I/C in ³	J in ⁴	I ² /Q in ²	w in	w/t
L1	26.363	20.433	1711.654	9.141	13.208	129.592	3425.561	10.218	4.136	16.544
	36.721	28.527	4658.191	12.763	18.390	253.299	9322.512	14.266	5.931	23.726
L2	36.194	40.975	6135.246	12.221	17.679	347.039	12278.566	20.492	5.465	14.573
	45.639	53.118	13365.891	15.843	22.862	584.646	26749.369	26.564	7.261	19.361
L3	44.868	59.246	13625.291	15.146	21.896	622.267	27268.510	29.629	6.816	15.58
	54.059	73.412	25921.737	18.768	27.078	957.284	51877.583	36.713	8.612	19.683
L4	53.161	80.269	25943.042	17.955	25.948	999.807	51920.220	40.142	8.110	16.22
	62.148	96.458	45019.064	21.577	31.130	1446.152	90097.366	48.238	9.905	19.811

Tower Elevation ft	Gusset Area (per face) ft ²	Gusset Thickness in	Gusset Grade	Adjust. Factor A _f	Adjust. Factor A _r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
187.000-136.000				1	1	1			
136.000-89.500				1	1	1			
89.500-44.250				1	1	1			
44.250-0.000				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
* LDF7-50A(1-5/8)	C	No	Surface Ar (CaAa)	175.000 - 0.000	5	5	0.300 - 0.400	1.980		0.001
* AVA5-50(7/8)	B	No	Surface Ar	81.000 -	1	1	-0.220	1.102		0.000

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Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
*			(CaAa)	0.000			-0.200			
LDF4-50A(1/2)	C	No	Surface Ar (CaAa)	48.000 - 0.000	1	1	0.250 0.260	0.630		0.000
*										
Safety Line 3/8	C	No	Surface Ar (CaAa)	187.000 - 0.000	1	1	0.000 0.010	0.375		0.000
*										

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C _A A _A ft ² /ft	Weight klf
HB114-1-0813U4-M 5J(1-1/4)	A	No	No	Inside Pole	187.000 - 0.000	4	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.001 0.001 0.001 0.001
*									
HCC 78-50J(7/8)	A	No	No	Inside Pole	187.000 - 0.000	1	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.001 0.001 0.001 0.001
LDF7-50A(1-5/8)	C	No	No	Inside Pole	175.000 - 0.000	8	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.001 0.001 0.001 0.001
*									
HCS 6X12 4AWG(1-5/8)	B	No	No	Inside Pole	166.000 - 0.000	3	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.002 0.002 0.002 0.002
*									
FB-L98B-002-75000 (3/8)	C	No	No	Inside Pole	154.000 - 0.000	2	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000
LDF7-50A(1-5/8)	C	No	No	Inside Pole	154.000 - 0.000	6	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.001 0.001 0.001 0.001
PWRT-604-S_CCIV 2(1-1/8)	C	No	No	Inside Pole	154.000 - 0.000	2	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.001 0.001 0.001 0.001
PWRT-606-S(7/8)	C	No	No	Inside Pole	154.000 - 0.000	3	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.001 0.001 0.001 0.001
PWRT-608-S(13/16)	C	No	No	Inside Pole	154.000 - 0.000	2	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.001 0.001 0.001 0.001
RFFT-48SM-001-XX(3/8)	C	No	No	Inside Pole	154.000 - 0.000	1	No Ice 1/2" Ice 1" Ice	0.000 0.000 0.000	0.000 0.000 0.000

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Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C _A A _A ft ² /ft	Weight klf
*							2" Ice	0.000	0.000
CR 50 1873(1-5/8)	B	No	No	Inside Pole	150.000 - 0.000	6	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.001 0.001 0.001 0.001
*									
HCC 78-50J(7/8)	A	No	No	Inside Pole	120.000 - 0.000	1	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.001 0.001 0.001 0.001
*									
HCC12-50J(1/2)	A	No	No	Inside Pole	115.000 - 0.000	1	No Ice 1/2" Ice 1" Ice 2" Ice	0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000
*									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
L1	187.000-136.000	A	0.000	0.000	0.000	0.000	0.272
		B	0.000	0.000	0.000	0.000	0.286
		C	0.000	0.000	40.523	0.000	0.634
L2	136.000-89.500	A	0.000	0.000	0.000	0.000	0.270
		B	0.000	0.000	0.000	0.000	0.566
		C	0.000	0.000	47.779	0.000	1.041
L3	89.500-44.250	A	0.000	0.000	0.000	0.000	0.276
		B	0.000	0.000	4.050	0.000	0.562
		C	0.000	0.000	46.731	0.000	1.014
L4	44.250-0.000	A	0.000	0.000	0.000	0.000	0.270
		B	0.000	0.000	4.876	0.000	0.552
		C	0.000	0.000	48.255	0.000	0.997

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
L1	187.000-136.000	A	1.493	0.000	0.000	0.000	0.000	0.272
		B		0.000	0.000	0.000	0.000	0.286
		C		0.000	0.000	79.967	0.000	1.465
L2	136.000-89.500	A	1.441	0.000	0.000	0.000	0.000	0.270
		B		0.000	0.000	0.000	0.000	0.566
		C		0.000	0.000	90.535	0.000	1.983
L3	89.500-44.250	A	1.368	0.000	0.000	0.000	0.000	0.276
		B		0.000	0.000	14.640	0.000	0.727
		C		0.000	0.000	88.350	0.000	1.905
L4	44.250-0.000	A	1.227	0.000	0.000	0.000	0.000	0.270

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Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _{AA} In Face ft ²	C _{AA} Out Face ft ²	Weight K
		B		0.000	0.000	16.981	0.000	0.735
		C		0.000	0.000	98.545	0.000	1.952

Feed Line Center of Pressure

Section	Elevation ft	CP _x in	CP _z in	CP _x Ice in	CP _z Ice in
L1	187.000-136.000	-3.202	3.771	-2.581	3.818
L2	136.000-89.500	-3.989	4.645	-3.294	4.632
L3	89.500-44.250	-3.775	4.321	-2.830	3.957
L4	44.250-0.000	-3.950	4.599	-3.231	4.627

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
L1	8	LDF7-50A(1-5/8)	136.00 - 175.00	1.0000	1.0000
L1	33	Safety Line 3/8	136.00 - 187.00	1.0000	1.0000
L2	8	LDF7-50A(1-5/8)	89.50 - 136.00	1.0000	1.0000
L2	33	Safety Line 3/8	89.50 - 136.00	1.0000	1.0000
L3	8	LDF7-50A(1-5/8)	44.25 - 89.50	1.0000	1.0000
L3	29	AVA5-50(7/8)	44.25 - 81.00	1.0000	1.0000
L3	31	LDF4-50A(1/2)	44.25 - 48.00	1.0000	1.0000
L3	33	Safety Line 3/8	44.25 - 89.50	1.0000	1.0000
L4	8	LDF7-50A(1-5/8)	0.00 - 44.25	1.0000	1.0000
L4	29	AVA5-50(7/8)	0.00 - 44.25	1.0000	1.0000
L4	31	LDF4-50A(1/2)	0.00 - 44.25	1.0000	1.0000
L4	33	Safety Line 3/8	0.00 - 44.25	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft	C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
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Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral						Vert	°	ft	ft^{2}	ft^{2}	K
Town of Somers									
DB404L-B	A	From Leg	4.000	0.000	188.000	No Ice	1.140	1.140	0.014
			0.000	0.000		1/2" Ice	2.052	2.052	0.018
			5.000	0.000		1" Ice	2.964	2.964	0.022
				0.000		2" Ice	4.788	4.788	0.031
3' x 2" Pipe Mount	A	From Leg	0.500	0.000	190.000	No Ice	0.583	0.583	0.011
			0.000	0.000		1/2" Ice	0.770	0.770	0.017
			0.000	0.000		1" Ice	0.967	0.967	0.024
				0.000		2" Ice	1.388	1.388	0.047
6' x 2" Mount Pipe	B	From Leg	0.500	0.000	190.000	No Ice	1.425	1.425	0.022
			0.000	0.000		1/2" Ice	1.925	1.925	0.033
			0.000	0.000		1" Ice	2.294	2.294	0.048
				0.000		2" Ice	3.060	3.060	0.090
Sprint									
APXVSPP18-C-A20 w/ Mount Pipe	A	From Leg	4.000	0.000	188.000	No Ice	4.600	4.010	0.095
			0.000	0.000		1/2" Ice	5.050	4.450	0.160
			0.000	0.000		1" Ice	5.500	4.890	0.235
				0.000		2" Ice	6.440	5.820	0.419
APXVSPP18-C-A20 w/ Mount Pipe	B	From Leg	4.000	0.000	188.000	No Ice	4.600	4.010	0.095
			0.000	0.000		1/2" Ice	5.050	4.450	0.160
			2.000	0.000		1" Ice	5.500	4.890	0.235
				0.000		2" Ice	6.440	5.820	0.419
APXVSPP18-C-A20 w/ Mount Pipe	C	From Leg	4.000	0.000	188.000	No Ice	4.600	4.010	0.095
			0.000	0.000		1/2" Ice	5.050	4.450	0.160
			2.000	0.000		1" Ice	5.500	4.890	0.235
				0.000		2" Ice	6.440	5.820	0.419
APXVTM14-C-120 w/ Mount Pipe	A	From Leg	4.000	0.000	188.000	No Ice	4.090	2.860	0.077
			0.000	0.000		1/2" Ice	4.480	3.230	0.127
			-2.000	0.000		1" Ice	4.880	3.610	0.185
				0.000		2" Ice	5.710	4.400	0.331
APXVTM14-C-120 w/ Mount Pipe	B	From Leg	4.000	0.000	188.000	No Ice	4.090	2.860	0.077
			0.000	0.000		1/2" Ice	4.480	3.230	0.127
			-2.000	0.000		1" Ice	4.880	3.610	0.185
				0.000		2" Ice	5.710	4.400	0.331
APXVTM14-C-120 w/ Mount Pipe	C	From Leg	4.000	0.000	188.000	No Ice	4.090	2.860	0.077
			0.000	0.000		1/2" Ice	4.480	3.230	0.127
			-2.000	0.000		1" Ice	4.880	3.610	0.185
				0.000		2" Ice	5.710	4.400	0.331
TD-RRH8X20-25	A	From Leg	4.000	0.000	188.000	No Ice	4.045	1.535	0.070
			0.000	0.000		1/2" Ice	4.298	1.714	0.097
			2.000	0.000		1" Ice	4.557	1.901	0.128
				0.000		2" Ice	5.098	2.295	0.201
TD-RRH8X20-25	B	From Leg	4.000	0.000	188.000	No Ice	4.045	1.535	0.070
			0.000	0.000		1/2" Ice	4.298	1.714	0.097
			2.000	0.000		1" Ice	4.557	1.901	0.128
				0.000		2" Ice	5.098	2.295	0.201
TD-RRH8X20-25	C	From Leg	4.000	0.000	188.000	No Ice	4.045	1.535	0.070
			0.000	0.000		1/2" Ice	4.298	1.714	0.097
			2.000	0.000		1" Ice	4.557	1.901	0.128
				0.000		2" Ice	5.098	2.295	0.201
(2) 6' x 2" Mount Pipe	A	From Leg	4.000	0.000	188.000	No Ice	1.425	1.425	0.022
			0.000	0.000		1/2" Ice	1.925	1.925	0.033
			0.000	0.000		1" Ice	2.294	2.294	0.048
				0.000		2" Ice	3.060	3.060	0.090
(2) 6' x 2" Mount Pipe	B	From Leg	4.000	0.000	188.000	No Ice	1.425	1.425	0.022
			0.000	0.000		1/2" Ice	1.925	1.925	0.033
			0.000	0.000		1" Ice	2.294	2.294	0.048
				0.000		2" Ice	3.060	3.060	0.090

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Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight	
			Horz	Lateral						Vert	°	ft	ft^{2}	ft^{2}	K
(2) 6' x 2" Mount Pipe	C	From Leg	4.000	0.000	0.000	188.000	2" Ice	3.060	3.060	0.090
			0.000	0.000			No Ice	1.425	1.425	0.022
			0.000	0.000			1/2" Ice	1.925	1.925	0.033
			0.000	0.000			1" Ice	2.294	2.294	0.048
6' x 2" Mount Pipe	A	From Leg	4.000	0.000	0.000	188.000	2" Ice	3.060	3.060	0.090
			0.000	0.000			No Ice	0.000	1.425	0.022
			0.000	0.000			1/2" Ice	0.000	1.925	0.033
			0.000	0.000			1" Ice	0.000	2.294	0.048
6' x 2" Mount Pipe	A	From Leg	4.000	0.000	0.000	188.000	2" Ice	0.000	3.060	0.090
			0.000	0.000			No Ice	0.000	1.425	0.022
			0.000	0.000			1/2" Ice	0.000	1.925	0.033
			0.000	0.000			1" Ice	0.000	2.294	0.048
6' x 2" Mount Pipe	A	From Leg	4.000	0.000	0.000	188.000	2" Ice	0.000	3.060	0.090
			0.000	0.000			No Ice	0.000	1.425	0.022
			0.000	0.000			1/2" Ice	0.000	1.925	0.033
			0.000	0.000			1" Ice	0.000	2.294	0.048
Platform Mount [LP 1201-1]	C	None		0.000	0.000	188.000	2" Ice	0.000	3.060	0.090
							No Ice	18.380	18.380	2.100
							1/2" Ice	22.110	22.110	2.652
							1" Ice	25.870	25.870	3.263
* PCS 1900MHz 4x45W-65MHz	A	From Leg	2.000	0.000	0.000	186.000	2" Ice	33.470	33.470	4.662
			0.000	0.000			No Ice	2.322	2.238	0.060
			0.000	0.000			1/2" Ice	2.527	2.441	0.083
			0.000	0.000			1" Ice	2.739	2.651	0.110
PCS 1900MHz 4x45W-65MHz	B	From Leg	2.000	0.000	0.000	186.000	2" Ice	3.185	3.093	0.173
			0.000	0.000			No Ice	2.322	2.238	0.060
			0.000	0.000			1/2" Ice	2.527	2.441	0.083
			0.000	0.000			1" Ice	2.739	2.651	0.110
PCS 1900MHz 4x45W-65MHz	C	From Leg	2.000	0.000	0.000	186.000	2" Ice	3.185	3.093	0.173
			0.000	0.000			No Ice	2.322	2.238	0.060
			0.000	0.000			1/2" Ice	2.527	2.441	0.083
			0.000	0.000			1" Ice	2.739	2.651	0.110
800MHZ 2X50W RRH W/FILTER	A	From Leg	2.000	0.000	0.000	186.000	2" Ice	3.185	3.093	0.173
			0.000	0.000			No Ice	2.058	1.932	0.064
			0.000	0.000			1/2" Ice	2.240	2.109	0.086
			0.000	0.000			1" Ice	2.429	2.293	0.111
800MHZ 2X50W RRH W/FILTER	B	From Leg	2.000	0.000	0.000	186.000	2" Ice	2.829	2.684	0.172
			0.000	0.000			No Ice	2.058	1.932	0.064
			0.000	0.000			1/2" Ice	2.240	2.109	0.086
			0.000	0.000			1" Ice	2.429	2.293	0.111
800MHZ 2X50W RRH W/FILTER	C	From Leg	2.000	0.000	0.000	186.000	2" Ice	2.829	2.684	0.172
			0.000	0.000			No Ice	2.058	1.932	0.064
			0.000	0.000			1/2" Ice	2.240	2.109	0.086
			0.000	0.000			1" Ice	2.429	2.293	0.111
3' x 2" Pipe Mount	A	From Leg	1.000	0.000	0.000	186.000	2" Ice	2.829	2.684	0.172
			0.000	0.000			No Ice	0.583	0.583	0.011
			0.000	0.000			1/2" Ice	0.770	0.770	0.017
			0.000	0.000			1" Ice	0.967	0.967	0.024
3' x 2" Pipe Mount	B	From Leg	1.000	0.000	0.000	186.000	2" Ice	1.388	1.388	0.047
			0.000	0.000			No Ice	0.583	0.583	0.011
			0.000	0.000			1/2" Ice	0.770	0.770	0.017
			0.000	0.000			1" Ice	0.967	0.967	0.024
3' x 2" Pipe Mount	C	From Leg	1.000	0.000	0.000	186.000	2" Ice	1.388	1.388	0.047
			0.000	0.000			No Ice	0.583	0.583	0.011
			0.000	0.000			1/2" Ice	0.770	0.770	0.017
			0.000	0.000			1" Ice	0.967	0.967	0.024

<p style="text-align: center;">tnxTower</p> <p style="text-align: center;">MTS Engineering, P.L.L.C. 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	Job 87311.015.01 - CT SOMERS FD CAC, CT (BU# 803934)						Page 8 of 23		
	Project						Date 10:25:41 05/18/22		
	Client Crown Castle						Designed by S. Shet		

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment °	Placement ft	C _{AA}		Weight K
			Horz Lateral ft	Vert ft			Front ft ²	Side ft ²	
Side Arm Mount [SO 102-3]	C	None			0.000	186.000	2" Ice 1.388 No Ice 3.600 1/2" Ice 4.180 1" Ice 4.750 2" Ice 5.900	1.388 3.600 4.180 4.750 5.900	0.047 0.075 0.105 0.135 0.195
* TME-RRH2X40 700	A	From Leg	2.000 0.000 0.000		0.000	177.000	No Ice 1.962 1/2" Ice 2.137 1" Ice 2.318 2" Ice 2.704	1.034 1.168 1.311 1.617	0.050 0.067 0.086 0.134
TME-RRH2X40 700	B	From Leg	2.000 0.000 0.000		0.000	177.000	No Ice 1.962 1/2" Ice 2.137 1" Ice 2.318 2" Ice 2.704	1.034 1.168 1.311 1.617	0.050 0.067 0.086 0.134
TME-RRH2X40 700	C	From Leg	2.000 0.000 0.000		0.000	177.000	No Ice 1.962 1/2" Ice 2.137 1" Ice 2.318 2" Ice 2.704	1.034 1.168 1.311 1.617	0.050 0.067 0.086 0.134
Side Arm Mount [SO 102-3]	C	None			0.000	177.000	No Ice 3.600 1/2" Ice 4.180 1" Ice 4.750 2" Ice 5.900	3.600 4.180 4.750 5.900	0.075 0.105 0.135 0.195
* (2) LPA-80080-4CF-EDIN-0 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000		0.000	175.000	No Ice 2.040 1/2" Ice 2.420 1" Ice 2.820 2" Ice 3.650	5.220 5.670 6.130 7.090	0.042 0.084 0.134 0.258
(2) LPA-80080-4CF-EDIN-0 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000		0.000	175.000	No Ice 2.040 1/2" Ice 2.420 1" Ice 2.820 2" Ice 3.650	5.220 5.670 6.130 7.090	0.042 0.084 0.134 0.258
(2) LPA-80063/4CF w/ Mount Pipe	C	From Leg	4.000 0.000 0.000		0.000	175.000	No Ice 6.385 1/2" Ice 6.784 1" Ice 7.192 2" Ice 8.035	6.603 7.232 7.876 9.214	0.038 0.104 0.176 0.344
(2) NHH-65B-R2B w/ Mount Pipe	A	From Leg	4.000 0.000 0.000		0.000	175.000	No Ice 4.090 1/2" Ice 4.480 1" Ice 4.880 2" Ice 5.700	3.290 3.670 4.060 4.860	0.069 0.132 0.205 0.385
(2) NHH-65B-R2B w/ Mount Pipe	B	From Leg	4.000 0.000 0.000		0.000	175.000	No Ice 4.090 1/2" Ice 4.480 1" Ice 4.880 2" Ice 5.700	3.290 3.670 4.060 4.860	0.069 0.132 0.205 0.385
(2) NHH-65B-R2B w/ Mount Pipe	C	From Leg	4.000 0.000 0.000		0.000	175.000	No Ice 4.090 1/2" Ice 4.480 1" Ice 4.880 2" Ice 5.700	3.290 3.670 4.060 4.860	0.069 0.132 0.205 0.385
MT6407-77A w/ Mount Pipe	A	From Leg	4.000 0.000 0.000		0.000	175.000	No Ice 4.907 1/2" Ice 5.256 1" Ice 5.615 2" Ice 6.362	2.682 3.145 3.624 4.631	0.096 0.136 0.180 0.288
MT6407-77A w/ Mount Pipe	B	From Leg	4.000 0.000 0.000		0.000	175.000	No Ice 4.907 1/2" Ice 5.256 1" Ice 5.615 2" Ice 6.362	2.682 3.145 3.624 4.631	0.096 0.136 0.180 0.288
MT6407-77A w/ Mount Pipe	C	From Leg	4.000 0.000		0.000	175.000	No Ice 4.907 1/2" Ice 5.256	2.682 3.145	0.096 0.136

tnxTower MTS Engineering, P.L.L.C. 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job		87311.015.01 - CT SOMERS FD CAC, CT (BU# 803934)		Page		9 of 23	
	Project				Date		10:25:41 05/18/22	
	Client		Crown Castle		Designed by		S. Shet	

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft	C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
			0.000			1" Ice 5.615	3.624	0.180
						2" Ice 6.362	4.631	0.288
RF4439D-25A	A	From Leg	4.000	0.000	175.000	No Ice 1.865	1.252	0.075
			0.000			1/2" Ice 2.035	1.394	0.093
			0.000			1" Ice 2.212	1.544	0.114
						2" Ice 2.589	1.866	0.165
RF4439D-25A	B	From Leg	4.000	0.000	175.000	No Ice 1.865	1.252	0.075
			0.000			1/2" Ice 2.035	1.394	0.093
			0.000			1" Ice 2.212	1.544	0.114
						2" Ice 2.589	1.866	0.165
RF4439D-25A	C	From Leg	4.000	0.000	175.000	No Ice 1.865	1.252	0.075
			0.000			1/2" Ice 2.035	1.394	0.093
			0.000			1" Ice 2.212	1.544	0.114
						2" Ice 2.589	1.866	0.165
RVZDC-6627-PF-48	A	From Leg	4.000	0.000	175.000	No Ice 3.792	2.514	0.032
			0.000			1/2" Ice 4.044	2.727	0.063
			0.000			1" Ice 4.303	2.947	0.099
						2" Ice 4.844	3.417	0.181
RF4440D-13A	A	From Leg	4.000	0.000	175.000	No Ice 1.865	1.129	0.073
			0.000			1/2" Ice 2.035	1.267	0.090
			0.000			1" Ice 2.212	1.411	0.110
						2" Ice 2.589	1.723	0.159
RF4440D-13A	B	From Leg	4.000	0.000	175.000	No Ice 1.865	1.129	0.073
			0.000			1/2" Ice 2.035	1.267	0.090
			0.000			1" Ice 2.212	1.411	0.110
						2" Ice 2.589	1.723	0.159
RF4440D-13A	C	From Leg	4.000	0.000	175.000	No Ice 1.865	1.129	0.073
			0.000			1/2" Ice 2.035	1.267	0.090
			0.000			1" Ice 2.212	1.411	0.110
						2" Ice 2.589	1.723	0.159
Platform Mount [LP 1201-1]	C	None		0.000	175.000	No Ice 18.380	18.380	2.100
						1/2" Ice 22.110	22.110	2.652
						1" Ice 25.870	25.870	3.263
						2" Ice 33.470	33.470	4.662
Side Arm Mount [SO 102-3]	C	None		0.000	175.000	No Ice 3.600	3.600	0.075
						1/2" Ice 4.180	4.180	0.105
						1" Ice 4.750	4.750	0.135
						2" Ice 5.900	5.900	0.195
* APX16DWV-16DWV-S-E-A 20 w/ Mount Pipe	A	From Leg	4.000	0.000	166.000	No Ice 6.290	2.760	0.061
			0.000			1/2" Ice 6.860	3.270	0.105
			0.000			1" Ice 7.450	3.790	0.157
						2" Ice 8.680	4.900	0.290
APX16DWV-16DWV-S-E-A 20 w/ Mount Pipe	B	From Leg	4.000	0.000	166.000	No Ice 6.290	2.760	0.061
			0.000			1/2" Ice 6.860	3.270	0.105
			0.000			1" Ice 7.450	3.790	0.157
						2" Ice 8.680	4.900	0.290
APX16DWV-16DWV-S-E-A 20 w/ Mount Pipe	C	From Leg	4.000	0.000	166.000	No Ice 6.290	2.760	0.061
			0.000			1/2" Ice 6.860	3.270	0.105
			0.000			1" Ice 7.450	3.790	0.157
						2" Ice 8.680	4.900	0.290
APXVAALL24_43-U-NA20 _TMO w/ Mount Pipe	A	From Leg	4.000	0.000	166.000	No Ice 14.690	6.870	0.183
			0.000			1/2" Ice 15.460	7.550	0.311
			0.000			1" Ice 16.230	8.250	0.453
						2" Ice 17.820	9.670	0.782
APXVAALL24_43-U-NA20 _TMO w/ Mount Pipe	B	From Leg	4.000	0.000	166.000	No Ice 14.690	6.870	0.183
			0.000			1/2" Ice 15.460	7.550	0.311

<p style="text-align: center;">tnxTower</p> <p style="text-align: center;">MTS Engineering, P.L.L.C. 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	Job		87311.015.01 - CT SOMERS FD CAC, CT (BU# 803934)		Page		10 of 23	
	Project				Date		10:25:41 05/18/22	
	Client		Crown Castle		Designed by		S. Shet	

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight	
			Horz	Lateral						Vert	°	ft	ft^{2}	ft^{2}	K
			ft	ft						
			0.000				1" Ice	16.230	8.250	0.453
							2" Ice	17.820	9.670	0.782
APXVAALL24_43-U-NA20	C	From Leg	4.000	0.000	166.000		No Ice	14.690	6.870	0.183
_TMO w/ Mount Pipe			0.000				1/2" Ice	15.460	7.550	0.311
			0.000				1" Ice	16.230	8.250	0.453
							2" Ice	17.820	9.670	0.782
RADIO 4415 B66A_CCIV3	A	From Leg	4.000	0.000	166.000		No Ice	1.639	0.677	0.046
			0.000				1/2" Ice	1.799	0.789	0.059
			0.000				1" Ice	1.966	0.911	0.073
							2" Ice	2.323	1.181	0.111
RADIO 4415 B66A_CCIV3	B	From Leg	4.000	0.000	166.000		No Ice	1.639	0.677	0.046
			0.000				1/2" Ice	1.799	0.789	0.059
			0.000				1" Ice	1.966	0.911	0.073
							2" Ice	2.323	1.181	0.111
RADIO 4415 B66A_CCIV3	C	From Leg	4.000	0.000	166.000		No Ice	1.639	0.677	0.046
			0.000				1/2" Ice	1.799	0.789	0.059
			0.000				1" Ice	1.966	0.911	0.073
							2" Ice	2.323	1.181	0.111
RADIO 4449 B71	A	From Leg	4.000	0.000	166.000		No Ice	1.970	1.587	0.073
B85A_T-MOBILE			0.000				1/2" Ice	2.147	1.749	0.093
			0.000				1" Ice	2.331	1.918	0.116
							2" Ice	2.721	2.280	0.170
RADIO 4449 B71	B	From Leg	4.000	0.000	166.000		No Ice	1.970	1.587	0.073
B85A_T-MOBILE			0.000				1/2" Ice	2.147	1.749	0.093
			0.000				1" Ice	2.331	1.918	0.116
							2" Ice	2.721	2.280	0.170
RADIO 4449 B71	C	From Leg	4.000	0.000	166.000		No Ice	1.970	1.587	0.073
B85A_T-MOBILE			0.000				1/2" Ice	2.147	1.749	0.093
			0.000				1" Ice	2.331	1.918	0.116
							2" Ice	2.721	2.280	0.170
RRUS 4415 B25_CCIV2	A	From Leg	4.000	0.000	166.000		No Ice	1.843	0.820	0.046
			0.000				1/2" Ice	2.012	0.943	0.060
			0.000				1" Ice	2.190	1.075	0.077
							2" Ice	2.566	1.368	0.118
RRUS 4415 B25_CCIV2	B	From Leg	4.000	0.000	166.000		No Ice	1.843	0.820	0.046
			0.000				1/2" Ice	2.012	0.943	0.060
			0.000				1" Ice	2.190	1.075	0.077
							2" Ice	2.566	1.368	0.118
RRUS 4415 B25_CCIV2	C	From Leg	4.000	0.000	166.000		No Ice	1.843	0.820	0.046
			0.000				1/2" Ice	2.012	0.943	0.060
			0.000				1" Ice	2.190	1.075	0.077
							2" Ice	2.566	1.368	0.118
6' x 2" Mount Pipe	A	From Leg	4.000	0.000	166.000		No Ice	1.425	1.425	0.022
			0.000				1/2" Ice	1.925	1.925	0.033
			0.000				1" Ice	2.294	2.294	0.048
							2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	B	From Leg	4.000	0.000	166.000		No Ice	1.425	1.425	0.022
			0.000				1/2" Ice	1.925	1.925	0.033
			0.000				1" Ice	2.294	2.294	0.048
							2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	C	From Leg	4.000	0.000	166.000		No Ice	1.425	1.425	0.022
			0.000				1/2" Ice	1.925	1.925	0.033
			0.000				1" Ice	2.294	2.294	0.048
							2" Ice	3.060	3.060	0.090
(2) L 2.5x2.5x3/16x6'	A	From Leg	3.000	0.000	166.000		No Ice	1.500	0.005	0.025
			0.000				1/2" Ice	1.918	0.024	0.034
			1.000				1" Ice	2.343	0.049	0.048

<p style="text-align: center;">tnxTower</p> <p style="text-align: center;">MTS Engineering, P.L.L.C. 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	Job		87311.015.01 - CT SOMERS FD CAC, CT (BU# 803934)		Page		11 of 23	
	Project				Date		10:25:41 05/18/22	
	Client		Crown Castle		Designed by		S. Shet	

Description	Face or Leg	Offset Type	Offsets:			Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral	Vert						°	ft	ft^{2}	ft^{2}	K
(2) L 2.5x2.5x3/16x6'	B	From Leg	3.000	0.000	166.000	2" Ice	3.215	0.123	0.091	
			0.000			No Ice	1.500	0.005	0.025	
			1.000			1/2" Ice	1.918	0.024	0.034	
						1" Ice	2.343	0.049	0.048	
(2) L 2.5x2.5x3/16x6'	C	From Leg	3.000	0.000	166.000	2" Ice	3.215	0.123	0.091	
			0.000			No Ice	1.500	0.005	0.025	
			1.000			1/2" Ice	1.918	0.024	0.034	
						1" Ice	2.343	0.049	0.048	
Side Arm Mount [SO 102-3]	C	None		0.000	166.000	2" Ice	3.215	0.123	0.091	
						No Ice	3.600	3.600	0.075	
						1/2" Ice	4.180	4.180	0.105	
						1" Ice	4.750	4.750	0.135	
Platform Mount [LP 1201-1_HR-1]	C	None		0.000	166.000	2" Ice	5.900	5.900	0.195	
						No Ice	26.390	26.390	2.356	
						1/2" Ice	31.400	31.400	3.061	
						1" Ice	36.200	36.200	3.864	
* DMP65R-BU8D w/ Mount Pipe	A	From Leg	4.000	0.000	154.000	2" Ice	45.400	45.400	5.764	
			0.000			No Ice	15.890	7.890	0.139	
			3.000			1/2" Ice	16.810	8.740	0.252	
						1" Ice	17.760	9.600	0.380	
DMP65R-BU8D w/ Mount Pipe	B	From Leg	4.000	0.000	154.000	2" Ice	19.700	11.370	0.679	
			0.000			No Ice	15.890	7.890	0.139	
			3.000			1/2" Ice	16.810	8.740	0.252	
						1" Ice	17.760	9.600	0.380	
DMP65R-BU8D w/ Mount Pipe	C	From Leg	4.000	0.000	154.000	2" Ice	19.700	11.370	0.679	
			0.000			No Ice	15.890	7.890	0.139	
			3.000			1/2" Ice	16.810	8.740	0.252	
						1" Ice	17.760	9.600	0.380	
DC6-48-60-18-8F	A	From Leg	4.000	0.000	154.000	2" Ice	19.700	11.370	0.679	
			0.000			No Ice	1.212	1.212	0.033	
			3.000			1/2" Ice	1.892	1.892	0.055	
						1" Ice	2.105	2.105	0.080	
DC6-48-60-18-8F	B	From Leg	4.000	0.000	154.000	2" Ice	2.570	2.570	0.138	
			0.000			No Ice	1.212	1.212	0.033	
			3.000			1/2" Ice	1.892	1.892	0.055	
						1" Ice	2.105	2.105	0.080	
RRUS 4478 B14_CCIV2	A	From Leg	4.000	0.000	154.000	2" Ice	2.570	2.570	0.138	
			0.000			No Ice	2.021	1.246	0.059	
			3.000			1/2" Ice	2.200	1.396	0.077	
						1" Ice	2.386	1.554	0.097	
RRUS 4478 B14_CCIV2	B	From Leg	4.000	0.000	154.000	2" Ice	2.780	1.891	0.147	
			0.000			No Ice	2.021	1.246	0.059	
			3.000			1/2" Ice	2.200	1.396	0.077	
						1" Ice	2.386	1.554	0.097	
RRUS 4478 B14_CCIV2	C	From Leg	4.000	0.000	154.000	2" Ice	2.780	1.891	0.147	
			0.000			No Ice	2.021	1.246	0.059	
			3.000			1/2" Ice	2.200	1.396	0.077	
						1" Ice	2.386	1.554	0.097	
RRUS 8843 B2/B66A_CCIV2	A	From Leg	4.000	0.000	154.000	2" Ice	2.780	1.891	0.147	
			0.000			No Ice	1.980	1.695	0.075	
			3.000			1/2" Ice	2.157	1.861	0.096	
						1" Ice	2.341	2.035	0.119	
RRUS 8843 B2/B66A_CCIV2	B	From Leg	4.000	0.000	154.000	2" Ice	2.733	2.405	0.176	
			0.000			No Ice	1.980	1.695	0.075	
			3.000			1/2" Ice	2.157	1.861	0.096	
						1" Ice	2.341	2.035	0.119	

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	Project				Date		10:25:41 05/18/22	
	Client		Crown Castle		Designed by		S. Shet	

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral						Vert	°	ft	ft^{2}	ft^{2}	K
RRUS 8843 B2/B66A_CCIV2	C	From Leg	4.000	0.000	154.000	2" Ice	2.733	2.405	0.176
			0.000			No Ice	1.980	1.695	0.075
			3.000			1/2" Ice	2.157	1.861	0.096
						1" Ice	2.341	2.035	0.119
RRUS 4449 B5/B12	A	From Leg	4.000	0.000	154.000	2" Ice	2.733	2.405	0.176
			0.000			No Ice	1.968	1.408	0.071
			3.000			1/2" Ice	2.144	1.564	0.090
						1" Ice	2.328	1.727	0.111
RRUS 4449 B5/B12	B	From Leg	4.000	0.000	154.000	2" Ice	2.718	2.075	0.163
			0.000			No Ice	1.968	1.408	0.071
			3.000			1/2" Ice	2.144	1.564	0.090
						1" Ice	2.328	1.727	0.111
RRUS 4449 B5/B12	C	From Leg	4.000	0.000	154.000	2" Ice	2.718	2.075	0.163
			0.000			No Ice	1.968	1.408	0.071
			3.000			1/2" Ice	2.144	1.564	0.090
						1" Ice	2.328	1.727	0.111
QD8616-7 w/ Mount Pipe	A	From Leg	4.000	0.000	154.000	2" Ice	2.718	2.075	0.163
			0.000			No Ice	16.930	9.310	0.183
			3.000			1/2" Ice	17.870	10.170	0.308
						1" Ice	18.830	11.050	0.448
QD8616-7 w/ Mount Pipe	B	From Leg	4.000	0.000	154.000	2" Ice	20.790	12.860	0.772
			0.000			No Ice	16.930	9.310	0.183
			3.000			1/2" Ice	17.870	10.170	0.308
						1" Ice	18.830	11.050	0.448
QD8616-7 w/ Mount Pipe	C	From Leg	4.000	0.000	154.000	2" Ice	20.790	12.860	0.772
			0.000			No Ice	16.930	9.310	0.183
			3.000			1/2" Ice	17.870	10.170	0.308
						1" Ice	18.830	11.050	0.448
AIR 6419 B77G_CCIV3 w/ Mount Pipe	A	From Leg	4.000	0.000	154.000	2" Ice	20.790	12.860	0.772
			0.000			No Ice	4.380	2.760	0.057
			3.000			1/2" Ice	4.708	3.191	0.096
						1" Ice	5.045	3.639	0.140
AIR 6419 B77G_CCIV3 w/ Mount Pipe	B	From Leg	4.000	0.000	154.000	2" Ice	5.750	4.583	0.244
			0.000			No Ice	4.380	2.760	0.057
			3.000			1/2" Ice	4.708	3.191	0.096
						1" Ice	5.045	3.639	0.140
AIR 6419 B77G_CCIV3 w/ Mount Pipe	C	From Leg	4.000	0.000	154.000	2" Ice	5.750	4.583	0.244
			0.000			No Ice	4.380	2.760	0.057
			3.000			1/2" Ice	4.708	3.191	0.096
						1" Ice	5.045	3.639	0.140
AIR 6449 B77D_CCIV2 w/ Mount Pipe	A	From Leg	4.000	0.000	154.000	2" Ice	5.750	4.583	0.244
			0.000			No Ice	3.580	2.310	0.095
			-1.000			1/2" Ice	3.920	2.600	0.130
						1" Ice	4.270	2.910	0.173
AIR 6449 B77D_CCIV2 w/ Mount Pipe	B	From Leg	4.000	0.000	154.000	2" Ice	5.020	3.570	0.277
			0.000			No Ice	3.580	2.310	0.095
			-1.000			1/2" Ice	3.920	2.600	0.130
						1" Ice	4.270	2.910	0.173
AIR 6449 B77D_CCIV2 w/ Mount Pipe	C	From Leg	4.000	0.000	154.000	2" Ice	5.020	3.570	0.277
			0.000			No Ice	3.580	2.310	0.095
			-1.000			1/2" Ice	3.920	2.600	0.130
						1" Ice	4.270	2.910	0.173
RRUS 4415 B30	A	From Leg	4.000	0.000	154.000	2" Ice	5.020	3.570	0.277
			0.000			No Ice	1.843	0.820	0.047
			3.000			1/2" Ice	2.012	0.943	0.061
						1" Ice	2.190	1.075	0.078
			2" Ice	2.566	1.368	0.120			

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	Client		Crown Castle		Designed by		S. Shet	

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral						°	ft	ft^{2}	ft^{2}	K
			0.000						
			0.000			1/2" Ice	2.050	0.040	0.290
						1" Ice	2.640	0.090	0.044
						2" Ice	3.520	0.210	0.089
6' x 2" Mount Pipe	A	From Leg	3.000	0.000	154.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	B	From Leg	3.000	0.000	154.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
6' x 2" Mount Pipe	C	From Leg	3.000	0.000	154.000	No Ice	1.425	1.425	0.022
			0.000			1/2" Ice	1.925	1.925	0.033
			0.000			1" Ice	2.294	2.294	0.048
						2" Ice	3.060	3.060	0.090
Sector Mount [SM 503-3]	C	None		0.000	154.000	No Ice	30.430	30.430	1.690
						1/2" Ice	43.020	43.020	2.296
						1" Ice	55.430	55.430	3.097
						2" Ice	79.890	79.890	5.269
Pipe Mount [PM 601-3]	C	None		0.000	154.000	No Ice	3.170	3.170	0.195
						1/2" Ice	3.790	3.790	0.232
						1" Ice	4.420	4.420	0.279
						2" Ice	5.760	5.760	0.401
*									
APXV18-206517S-C w/ Mount Pipe	A	From Leg	0.500	0.000	150.000	No Ice	3.790	3.160	0.053
			0.000			1/2" Ice	4.380	3.750	0.094
			0.000			1" Ice	4.990	4.350	0.145
						2" Ice	6.250	5.590	0.281
APXV18-206517S-C w/ Mount Pipe	B	From Leg	0.500	0.000	150.000	No Ice	3.790	3.160	0.053
			0.000			1/2" Ice	4.380	3.750	0.094
			0.000			1" Ice	4.990	4.350	0.145
						2" Ice	6.250	5.590	0.281
APXV18-206517S-C w/ Mount Pipe	C	From Leg	0.500	0.000	150.000	No Ice	3.790	3.160	0.053
			0.000			1/2" Ice	4.380	3.750	0.094
			0.000			1" Ice	4.990	4.350	0.145
						2" Ice	6.250	5.590	0.281
*									
SD212-SF2P2SNM	B	From Leg	3.000	0.000	120.000	No Ice	2.160	2.160	0.021
			0.000			1/2" Ice	3.960	3.960	0.050
			5.000			1" Ice	5.760	5.760	0.079
						2" Ice	9.360	9.360	0.137
Side Arm Mount [SO 702-1]	B	From Leg	1.500	0.000	120.000	No Ice	0.620	1.490	0.027
			0.000			1/2" Ice	0.740	2.070	0.042
			0.000			1" Ice	0.890	2.540	0.063
						2" Ice	1.250	3.550	0.122
*									
SD110-SFXPASNM	B	From Leg	2.000	0.000	115.000	No Ice	6.333	6.333	0.025
			0.000			1/2" Ice	7.917	7.917	0.069
			7.000			1" Ice	9.501	9.501	0.112
						2" Ice	12.669	12.669	0.199
15' x 2" Pipe Mount	B	From Leg	1.000	0.000	115.000	No Ice	3.563	3.563	0.055
			0.000			1/2" Ice	5.091	5.091	0.081
			0.000			1" Ice	6.635	6.635	0.118
						2" Ice	9.775	9.775	0.219
*									
ANT450D3	B	From Leg	2.000	0.000	81.000	No Ice	1.431	1.431	0.088
			0.000			1/2" Ice	2.185	2.185	0.100

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	Client Crown Castle	Designed by S. Shet

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment °	Placement ft	C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
			Horz ft	Lateral ft					
			1.000						
						1" Ice	2.939	2.939	0.112
						2" Ice	4.446	4.446	0.136
Side Arm Mount [SO 309-1]	B	From Leg	1.000	0.000	81.000	No Ice	1.220	2.630	0.040
			0.000			1/2" Ice	1.800	3.930	0.061
			0.000			1" Ice	2.400	5.470	0.090
						2" Ice	3.700	9.560	0.170
Side Arm Mount [SO 102-3]	C	None		0.000	83.000	No Ice	3.600	3.600	0.075
						1/2" Ice	4.180	4.180	0.105
						1" Ice	4.750	4.750	0.135
						2" Ice	5.900	5.900	0.195
Side Arm Mount [SO 102-3]	C	None		0.000	79.000	No Ice	3.600	3.600	0.075
						1/2" Ice	4.180	4.180	0.105
						1" Ice	4.750	4.750	0.135
						2" Ice	5.900	5.900	0.195
*									
KS24019-L112A	A	From Leg	3.000	0.000	48.000	No Ice	0.141	0.141	0.005
			0.000			1/2" Ice	0.198	0.198	0.007
			0.000			1" Ice	0.262	0.262	0.009
						2" Ice	0.415	0.415	0.018
Side Arm Mount [SO 701-1]	A	From Leg	1.500	0.000	48.000	No Ice	0.850	1.670	0.065
			0.000			1/2" Ice	1.140	2.340	0.079
			0.000			1" Ice	1.430	3.010	0.093
						2" Ice	2.010	4.350	0.121
*									

Load Combinations

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

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

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	187 - 136	Pole	Max Tension	15	0.000	-0.001	0.000
			Max. Compression	26	-52.575	0.397	0.292
			Max. Mx	8	-22.814	-721.790	4.178
			Max. My	2	-22.872	-4.075	708.842
			Max. Vy	8	26.392	-721.790	4.178
			Max. Vx	14	26.087	3.508	-707.834
			Max. Torque	20			-1.651
L2	136 - 89.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-68.827	-1.328	-2.876
			Max. Mx	8	-34.620	-2042.969	9.067
			Max. My	14	-34.659	8.593	-2015.904
			Max. Vy	8	31.891	-2042.969	9.067
			Max. Vx	14	31.608	8.593	-2015.904
			Max. Torque	18			-1.631
L3	89.5 - 44.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-89.848	-2.404	-5.454
			Max. Mx	8	-50.961	-3574.677	14.706
			Max. My	14	-50.980	14.449	-3536.315
			Max. Vy	8	37.003	-3574.677	14.706
			Max. Vx	14	36.756	14.449	-3536.315
			Max. Torque	2			-1.708
L4	44.25 - 0	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-119.243	-2.867	-7.952
			Max. Mx	8	-75.082	-5582.256	21.906
			Max. My	14	-75.082	21.934	-5530.463

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	<p>Client Crown Castle</p>	<p>Designed by S. Shet</p>

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vy	8	41.272	-5582.256	21.906
			Max. Vx	14	41.010	21.934	-5530.463
			Max. Torque	2			-1.704

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	30	119.243	-12.269	0.036
	Max. H _x	21	56.334	41.217	-0.144
	Max. H _z	2	75.112	-0.144	40.956
	Max. M _x	2	5527.981	-0.144	40.956
	Max. M _z	8	5582.256	-41.217	0.144
	Max. Torsion	14	1.696	0.144	-40.956
	Min. Vert	25	56.334	20.484	35.397
	Min. H _x	9	56.334	-41.217	0.144
	Min. H _z	15	56.334	0.144	-40.956
	Min. M _x	14	-5530.463	0.144	-40.956
	Min. M _z	20	-5579.783	41.217	-0.144
	Min. Torsion	2	-1.702	-0.144	40.956

Tower Mast Reaction Summary

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
Dead Only	62.593	0.000	0.000	1.002	-0.956	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	75.112	0.144	-40.956	-5527.981	-24.391	1.702
0.9 Dead+1.0 Wind 0 deg - No Ice	56.334	0.144	-40.956	-5444.005	-23.691	1.695
1.2 Dead+1.0 Wind 30 deg - No Ice	75.112	20.733	-35.541	-4798.670	-2811.865	1.302
0.9 Dead+1.0 Wind 30 deg - No Ice	56.334	20.733	-35.541	-4725.804	-2768.583	1.301
1.2 Dead+1.0 Wind 60 deg - No Ice	75.112	35.767	-20.602	-2783.291	-4846.118	0.541
0.9 Dead+1.0 Wind 60 deg - No Ice	56.334	35.767	-20.602	-2741.147	-4771.774	0.546
1.2 Dead+1.0 Wind 90 deg - No Ice	75.112	41.217	-0.144	-21.906	-5582.256	-0.375
0.9 Dead+1.0 Wind 90 deg - No Ice	56.334	41.217	-0.144	-21.854	-5496.652	-0.364
1.2 Dead+1.0 Wind 120 deg - No Ice	75.112	35.624	20.354	2745.757	-4823.084	-1.189
0.9 Dead+1.0 Wind 120 deg - No Ice	56.334	35.624	20.354	2703.613	-4749.108	-1.175
1.2 Dead+1.0 Wind 150 deg - No Ice	75.112	20.484	35.397	4778.136	-2771.814	-1.672
0.9 Dead+1.0 Wind 150 deg - No Ice	56.334	20.484	35.397	4704.995	-2729.179	-1.660
1.2 Dead+1.0 Wind 180 deg -	75.112	-0.144	40.956	5530.463	21.935	-1.696

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	<p>Client Crown Castle</p>	<p>Designed by S. Shet</p>

Load Combination	Vertical K	Shear _x K	Shear _z K	Overturning Moment, M _x kip-ft	Overturning Moment, M _z kip-ft	Torque kip-ft
No Ice						
0.9 Dead+1.0 Wind 180 deg - No Ice	56.334	-0.144	40.956	5445.819	21.886	-1.689
1.2 Dead+1.0 Wind 210 deg - No Ice	75.112	-20.733	35.541	4801.152	2809.392	-1.268
0.9 Dead+1.0 Wind 210 deg - No Ice	56.334	-20.733	35.541	4727.649	2766.767	-1.268
1.2 Dead+1.0 Wind 240 deg - No Ice	75.112	-35.767	20.602	2785.788	4843.637	-0.513
0.9 Dead+1.0 Wind 240 deg - No Ice	56.334	-35.767	20.602	2743.002	4769.952	-0.519
1.2 Dead+1.0 Wind 270 deg - No Ice	75.112	-41.217	0.144	24.418	5579.783	0.369
0.9 Dead+1.0 Wind 270 deg - No Ice	56.334	-41.217	0.144	23.720	5494.836	0.359
1.2 Dead+1.0 Wind 300 deg - No Ice	75.112	-35.624	-20.354	-2743.246	4820.628	1.156
0.9 Dead+1.0 Wind 300 deg - No Ice	56.334	-35.624	-20.354	-2701.747	4747.303	1.143
1.2 Dead+1.0 Wind 330 deg - No Ice	75.112	-20.484	-35.397	-4775.639	2769.366	1.644
0.9 Dead+1.0 Wind 330 deg - No Ice	56.334	-20.484	-35.397	-4703.139	2727.380	1.633
1.2 Dead+1.0 Ice+1.0 Temp	119.243	0.000	0.000	7.952	-2.867	-0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	119.243	0.036	-12.199	-1699.789	-8.206	0.868
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	119.243	6.166	-10.583	-1473.516	-869.460	0.680
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	119.243	10.643	-6.131	-850.165	-1498.554	0.308
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	119.243	12.269	-0.036	3.231	-1726.927	-0.148
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	119.243	10.607	6.069	858.010	-1493.389	-0.563
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	119.243	6.103	10.547	1485.134	-860.514	-0.827
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	119.243	-0.036	12.199	1716.564	2.119	-0.868
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	119.243	-6.166	10.583	1490.290	863.365	-0.677
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	119.243	-10.643	6.131	866.946	1492.454	-0.305
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	119.243	-12.269	0.036	13.557	1720.830	0.147
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	119.243	-10.607	-6.069	-841.221	1487.300	0.561
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	119.243	-6.103	-10.547	-1468.351	854.430	0.825
Dead+Wind 0 deg - Service	62.593	0.036	-10.147	-1357.085	-6.708	0.428
Dead+Wind 30 deg - Service	62.593	5.136	-8.805	-1177.973	-691.385	0.323
Dead+Wind 60 deg - Service	62.593	8.861	-5.104	-682.948	-1191.078	0.131
Dead+Wind 90 deg - Service	62.593	10.211	-0.036	-4.653	-1371.897	-0.096
Dead+Wind 120 deg - Service	62.593	8.825	5.042	675.167	-1185.394	-0.298
Dead+Wind 150 deg - Service	62.593	5.075	8.769	1174.354	-681.538	-0.419
Dead+Wind 180 deg - Service	62.593	-0.036	10.147	1359.149	4.663	-0.427
Dead+Wind 210 deg - Service	62.593	-5.136	8.805	1180.037	689.339	-0.321
Dead+Wind 240 deg - Service	62.593	-8.861	5.104	685.012	1189.032	-0.130
Dead+Wind 270 deg - Service	62.593	-10.211	0.036	6.718	1369.852	0.096
Dead+Wind 300 deg - Service	62.593	-8.825	-5.042	-673.102	1183.349	0.296
Dead+Wind 330 deg - Service	62.593	-5.075	-8.769	-1172.289	679.494	0.418

<p>tnxTower</p> <p>MTS Engineering, P.L.L.C. 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<p>Job 87311.015.01 - CT SOMERS FD CAC, CT (BU# 803934)</p>	<p>Page 19 of 23</p>
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	<p>Client Crown Castle</p>	<p>Designed by S. Shet</p>

Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
1	0.000	-62.593	0.000	0.000	62.593	0.000	0.000%
2	0.144	-75.112	-40.956	-0.144	75.112	40.956	0.000%
3	0.144	-56.334	-40.956	-0.144	56.334	40.956	0.000%
4	20.733	-75.112	-35.541	-20.733	75.112	35.541	0.000%
5	20.733	-56.334	-35.541	-20.733	56.334	35.541	0.000%
6	35.767	-75.112	-20.602	-35.767	75.112	20.602	0.000%
7	35.767	-56.334	-20.602	-35.767	56.334	20.602	0.000%
8	41.217	-75.112	-0.144	-41.217	75.112	0.144	0.000%
9	41.217	-56.334	-0.144	-41.217	56.334	0.144	0.000%
10	35.624	-75.112	20.354	-35.624	75.112	-20.354	0.000%
11	35.624	-56.334	20.354	-35.624	56.334	-20.354	0.000%
12	20.484	-75.112	35.397	-20.484	75.112	-35.397	0.000%
13	20.484	-56.334	35.397	-20.484	56.334	-35.397	0.000%
14	-0.144	-75.112	40.956	0.144	75.112	-40.956	0.000%
15	-0.144	-56.334	40.956	0.144	56.334	-40.956	0.000%
16	-20.733	-75.112	35.541	20.733	75.112	-35.541	0.000%
17	-20.733	-56.334	35.541	20.733	56.334	-35.541	0.000%
18	-35.767	-75.112	20.602	35.767	75.112	-20.602	0.000%
19	-35.767	-56.334	20.602	35.767	56.334	-20.602	0.000%
20	-41.217	-75.112	0.144	41.217	75.112	-0.144	0.000%
21	-41.217	-56.334	0.144	41.217	56.334	-0.144	0.000%
22	-35.624	-75.112	-20.354	35.624	75.112	20.354	0.000%
23	-35.624	-56.334	-20.354	35.624	56.334	20.354	0.000%
24	-20.484	-75.112	-35.397	20.484	75.112	35.397	0.000%
25	-20.484	-56.334	-35.397	20.484	56.334	35.397	0.000%
26	0.000	-119.243	0.000	-0.000	119.243	-0.000	0.000%
27	0.036	-119.243	-12.199	-0.036	119.243	12.199	0.000%
28	6.166	-119.243	-10.583	-6.166	119.243	10.583	0.000%
29	10.643	-119.243	-6.131	-10.643	119.243	6.131	0.000%
30	12.269	-119.243	-0.036	-12.269	119.243	0.036	0.000%
31	10.607	-119.243	6.069	-10.607	119.243	-6.069	0.000%
32	6.103	-119.243	10.547	-6.103	119.243	-10.547	0.000%
33	-0.036	-119.243	12.199	0.036	119.243	-12.199	0.000%
34	-6.166	-119.243	10.583	6.166	119.243	-10.583	0.000%
35	-10.643	-119.243	6.131	10.643	119.243	-6.131	0.000%
36	-12.269	-119.243	0.036	12.269	119.243	-0.036	0.000%
37	-10.607	-119.243	-6.069	10.607	119.243	6.069	0.000%
38	-6.103	-119.243	-10.547	6.103	119.243	10.547	0.000%
39	0.036	-62.593	-10.147	-0.036	62.593	10.147	0.000%
40	5.136	-62.593	-8.805	-5.136	62.593	8.805	0.000%
41	8.861	-62.593	-5.104	-8.861	62.593	5.104	0.000%
42	10.211	-62.593	-0.036	-10.211	62.593	0.036	0.000%
43	8.825	-62.593	5.042	-8.825	62.593	-5.042	0.000%
44	5.075	-62.593	8.769	-5.075	62.593	-8.769	0.000%
45	-0.036	-62.593	10.147	0.036	62.593	-10.147	0.000%
46	-5.136	-62.593	8.805	5.136	62.593	-8.805	0.000%
47	-8.861	-62.593	5.104	8.861	62.593	-5.104	0.000%
48	-10.211	-62.593	0.036	10.211	62.593	-0.036	0.000%
49	-8.825	-62.593	-5.042	8.825	62.593	5.042	0.000%
50	-5.075	-62.593	-8.769	5.075	62.593	8.769	0.000%

<p>tnxTower</p> <p>MTS Engineering, P.L.L.C. 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	Job 87311.015.01 - CT SOMERS FD CAC, CT (BU# 803934)	Page 20 of 23
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Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.0000001	0.0000001
2	Yes	5	0.0000001	0.00010425
3	Yes	5	0.0000001	0.00004901
4	Yes	6	0.0000001	0.00025244
5	Yes	6	0.0000001	0.00008338
6	Yes	6	0.0000001	0.00025252
7	Yes	6	0.0000001	0.00008329
8	Yes	5	0.0000001	0.00008857
9	Yes	4	0.0000001	0.00092947
10	Yes	6	0.0000001	0.00024511
11	Yes	6	0.0000001	0.00008100
12	Yes	6	0.0000001	0.00024937
13	Yes	6	0.0000001	0.00008269
14	Yes	5	0.0000001	0.00004719
15	Yes	4	0.0000001	0.00064305
16	Yes	6	0.0000001	0.00024998
17	Yes	6	0.0000001	0.00008249
18	Yes	6	0.0000001	0.00025183
19	Yes	6	0.0000001	0.00008307
20	Yes	5	0.0000001	0.00004440
21	Yes	4	0.0000001	0.00062812
22	Yes	6	0.0000001	0.00024984
23	Yes	6	0.0000001	0.00008280
24	Yes	6	0.0000001	0.00024369
25	Yes	6	0.0000001	0.00008064
26	Yes	4	0.0000001	0.00002592
27	Yes	6	0.0000001	0.00016016
28	Yes	6	0.0000001	0.00023682
29	Yes	6	0.0000001	0.00023637
30	Yes	6	0.0000001	0.00016282
31	Yes	6	0.0000001	0.00023544
32	Yes	6	0.0000001	0.00023767
33	Yes	6	0.0000001	0.00016140
34	Yes	6	0.0000001	0.00023610
35	Yes	6	0.0000001	0.00023830
36	Yes	6	0.0000001	0.00016225
37	Yes	6	0.0000001	0.00023475
38	Yes	6	0.0000001	0.00023086
39	Yes	4	0.0000001	0.00013924
40	Yes	4	0.0000001	0.00092039
41	Yes	4	0.0000001	0.00091591
42	Yes	4	0.0000001	0.00013523
43	Yes	4	0.0000001	0.00086430
44	Yes	4	0.0000001	0.00091478
45	Yes	4	0.0000001	0.00013289
46	Yes	4	0.0000001	0.00089313
47	Yes	4	0.0000001	0.00090817
48	Yes	4	0.0000001	0.00013027
49	Yes	4	0.0000001	0.00091330
50	Yes	4	0.0000001	0.00085279

Maximum Tower Deflections - Service Wind

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Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	187 - 136	33.813	41	1.574	0.003
L2	140.5 - 89.5	19.238	41	1.327	0.001
L3	95.25 - 44.25	8.626	41	0.874	0.001
L4	51 - 0	2.435	41	0.437	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
190.000	3' x 2" Pipe Mount	41	33.813	1.574	0.003	53823
188.000	DB404L-B	41	33.813	1.574	0.003	53823
186.000	PCS 1900MHz 4x45W-65MHz	41	33.483	1.570	0.003	53823
177.000	TME-RRH2X40 700	41	30.525	1.533	0.002	26911
175.000	(2) LPA-80080-4CF-EDIN-0 w/ Mount Pipe	41	29.871	1.524	0.002	22426
166.000	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	41	26.961	1.483	0.002	12814
154.000	DMP65R-BU8D w/ Mount Pipe	41	23.206	1.419	0.001	8154
150.000	APXV18-206517S-C w/ Mount Pipe	41	21.997	1.394	0.001	7272
120.000	SD212-SF2P2SNM	41	13.907	1.139	0.001	5821
115.000	SD110-SFXPASNM	41	12.739	1.087	0.001	5830
83.000	Side Arm Mount [SO 102-3]	41	6.479	0.746	0.000	5578
81.000	ANT450D3	41	6.159	0.726	0.000	5533
79.000	Side Arm Mount [SO 102-3]	41	5.847	0.706	0.000	5490
48.000	KS24019-L112A	41	2.179	0.410	0.000	5261

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	187 - 136	137.657	8	6.420	0.012
L2	140.5 - 89.5	78.354	6	5.414	0.003
L3	95.25 - 44.25	35.142	6	3.566	0.002
L4	51 - 0	9.919	6	1.781	0.001

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
190.000	3' x 2" Pipe Mount	8	137.657	6.420	0.012	13479
188.000	DB404L-B	8	137.657	6.420	0.012	13479
186.000	PCS 1900MHz 4x45W-65MHz	8	136.316	6.403	0.012	13479
177.000	TME-RRH2X40 700	8	124.275	6.252	0.009	6738
175.000	(2) LPA-80080-4CF-EDIN-0 w/ Mount Pipe	8	121.615	6.218	0.009	5615
166.000	APX16DWV-16DWV-S-E-A20 w/	6	109.774	6.051	0.007	3206

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Elevation	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
	Mount Pipe					
154.000	DMP65R-BU8D w/ Mount Pipe	6	94.498	5.790	0.005	2037
150.000	APXV18-206517S-C w/ Mount Pipe	6	89.581	5.689	0.005	1816
120.000	SD212-SF2P2SNM	6	56.654	4.645	0.003	1444
115.000	SD110-SFXPASNM	6	51.896	4.433	0.002	1445
83.000	Side Arm Mount [SO 102-3]	6	26.396	3.044	0.002	1375
81.000	ANT450D3	6	25.091	2.961	0.002	1364
79.000	Side Arm Mount [SO 102-3]	6	23.822	2.878	0.002	1353
48.000	KS24019-L112A	6	8.875	1.670	0.001	1292

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
L1	187 - 136 (1)	TP36.201x26x0.25	51.000	0.000	0.0	27.813	-22.810	1627.050	0.014
L2	136 - 89.5 (2)	TP45.003x34.801x0.375	51.000	0.000	0.0	51.749	-34.616	3027.340	0.011
L3	89.5 - 44.25 (3)	TP53.304x43.103x0.438	51.000	0.000	0.0	71.537	-50.957	4184.910	0.012
L4	44.25 - 0 (4)	TP61.28x51.079x0.5	51.000	0.000	0.0	96.458	-75.082	5642.790	0.013

Pole Bending Design Data

Section No.	Elevation ft	Size	M _{ux} kip-ft	φM _{ux} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	M _{uy} kip-ft	φM _{uy} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{uy}}$
L1	187 - 136 (1)	TP36.201x26x0.25	721.965	1321.717	0.546	0.000	1321.717	0.000
L2	136 - 89.5 (2)	TP45.003x34.801x0.375	2044.125	3254.917	0.628	0.000	3254.917	0.000
L3	89.5 - 44.25 (3)	TP53.304x43.103x0.438	3578.017	5306.567	0.674	0.000	5306.567	0.000
L4	44.25 - 0 (4)	TP61.28x51.079x0.5	5588.517	8358.583	0.669	0.000	8358.583	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V _u K	φV _n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T _u kip-ft	φT _n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	187 - 136 (1)	TP36.201x26x0.25	26.412	488.116	0.054	1.605	1498.317	0.001
L2	136 - 89.5 (2)	TP45.003x34.801x0.375	31.931	908.202	0.035	0.261	3458.042	0.000
L3	89.5 - 44.25 (3)	TP53.304x43.103x0.438	37.071	1255.470	0.030	0.761	5664.117	0.000
L4	44.25 - 0 (4)	TP61.28x51.079x0.5	41.331	1692.840	0.024	0.541	9010.667	0.000

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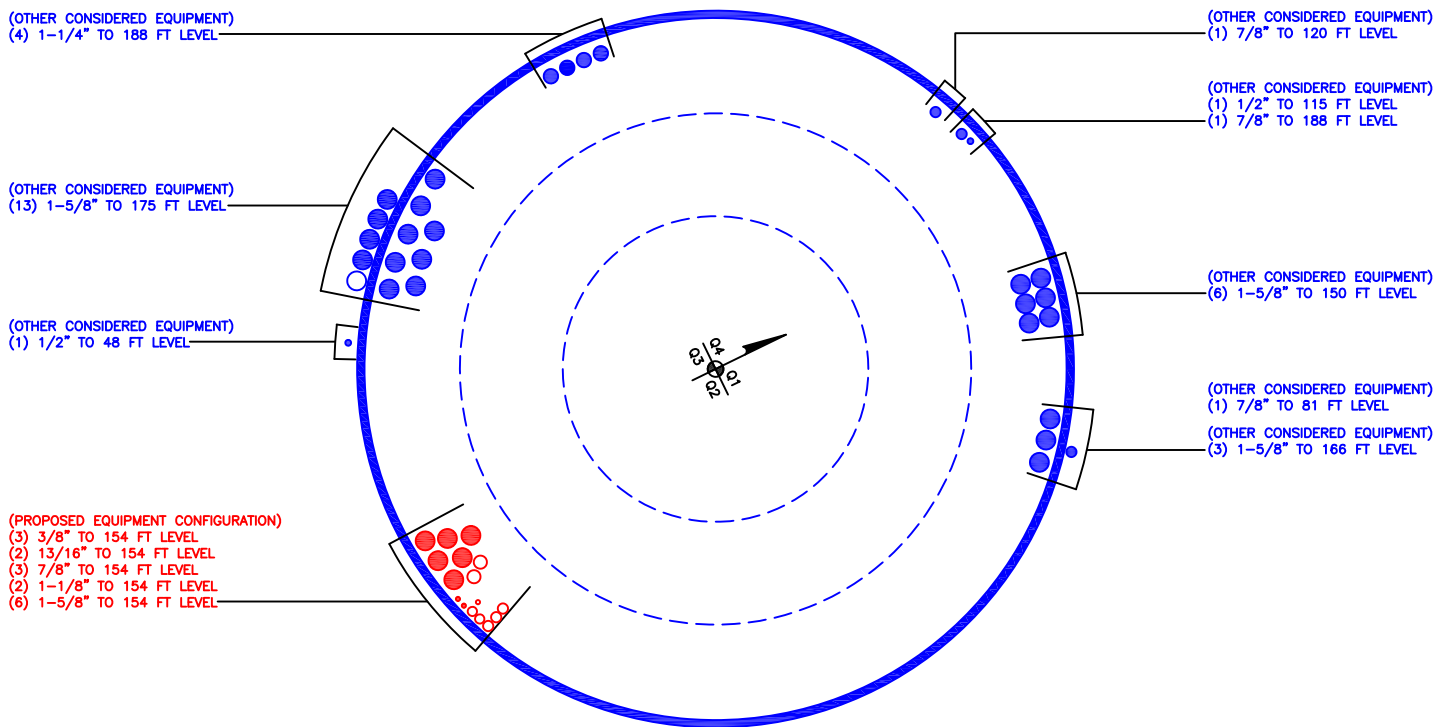
Pole Interaction Design Data

Section No.	Elevation ft	Ratio	Ratio	Ratio	Ratio	Ratio	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
		P_u	M_{ux}	M_{uy}	V_u	T_u			
L1	187 - 136 (1)	0.014	0.546	0.000	0.054	0.001	0.563	1.050	4.8.2 ✓
L2	136 - 89.5 (2)	0.011	0.628	0.000	0.035	0.000	0.641	1.050	4.8.2 ✓
L3	89.5 - 44.25 (3)	0.012	0.674	0.000	0.030	0.000	0.687	1.050	4.8.2 ✓
L4	44.25 - 0 (4)	0.013	0.669	0.000	0.024	0.000	0.683	1.050	4.8.2 ✓

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	187 - 136	Pole	TP36.201x26x0.25	1	-22.810	1708.402	53.6	Pass
L2	136 - 89.5	Pole	TP45.003x34.801x0.375	2	-34.616	3178.707	61.0	Pass
L3	89.5 - 44.25	Pole	TP53.304x43.103x0.438	3	-50.957	4394.155	65.5	Pass
L4	44.25 - 0	Pole	TP61.28x51.079x0.5	4	-75.082	5924.929	65.0	Pass
Summary								
Pole (L3)							65.5	Pass
RATING =							65.5	Pass

APPENDIX B
BASE LEVEL DRAWING



BUSINESS UNIT: 803934

APPENDIX C
ADDITIONAL CALCULATIONS

Monopole Base Plate Connection

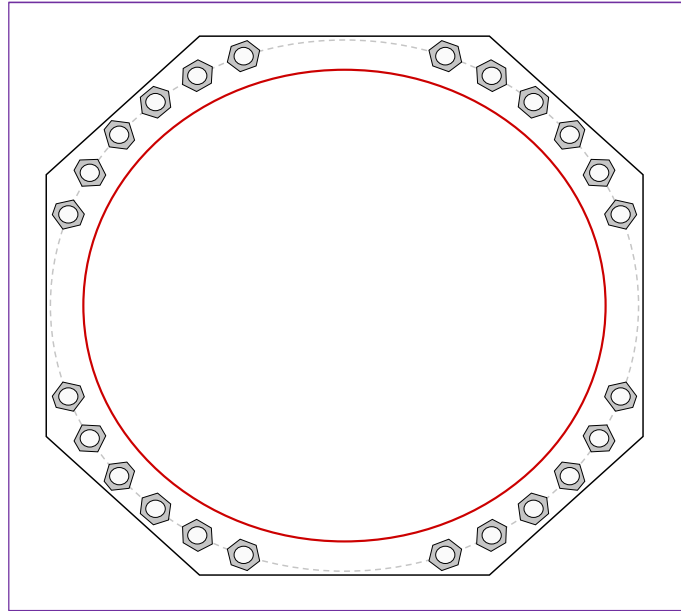


Site Info	
BU #	803934
Site Name	CT SOMERS FD CAC, CT
Order #	586342, Rev# 1

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

Applied Loads	
Moment (kip-ft)	5588.52
Axial Force (kips)	75.08
Shear Force (kips)	41.33

*TIA-222-H Section 15.5 Applied



Connection Properties	Analysis Results
-----------------------	------------------

Anchor Rod Data
(24) 2-1/4" ϕ bolts (A615-75 N; $F_y=75$ ksi, $F_u=100$ ksi) on 69" BC <i>Anchor Spacing: 6 in</i>
Base Plate Data
70" W x 3.25" Plate (A572-55; $F_y=55$ ksi, $F_u=70$ ksi); Clip: 18 in
Stiffener Data
N/A
Pole Data
61.28" x 0.5" 18-sided pole (A607-65; $F_y=65$ ksi, $F_u=80$ ksi)

Anchor Rod Summary	<i>(units of kips, kip-in)</i>	
$Pu_t = 158.79$	$\phi Pn_t = 243.75$	Stress Rating
$Vu = 1.72$	$\phi Vn = 149.1$	62.0%
$Mu = n/a$	$\phi Mn = n/a$	Pass
Base Plate Summary		
Max Stress (ksi):	22.87	(Flexural)
Allowable Stress (ksi):	49.5	
Stress Rating:	44.0%	Pass

Drilled Pier Foundation

BU # :	803934
Site Name:	CT SOMERS FD CAC, CT
Order Number:	586342, Rev# 1
TIA-222 Revision:	H
Tower Type:	Monopole

Report File:



Applied Loads		
	Comp.	Uplift
Moment (kip-ft)	5589	
Axial Force (kips)	75	
Shear Force (kips)	41	

Material Properties		
Concrete Strength, f _c :	3	ksi
Rebar Strength, F _y :	60	ksi
Tie Yield Strength, F _y t:	40	ksi

Pier Design Data	
Depth	29 ft
Ext. Above Grade	0.5 ft
Pier Section 1	
<i>From 0.5' above grade to 29' below grade</i>	
Pier Diameter	8 ft
Rebar Quantity	32
Rebar Size	11
Clear Cover to Ties	4 in
Tie Size	5
Tie Spacing	18 in

Rebar 2, F_y Override (ksi)

Rebar 3, F_y Override (ksi)

[Rebar & Pier Options](#)

[Embedded Pole Inputs](#)

[Belled Pier Inputs](#)

Analysis Results		
Soil Lateral Check	Compression	Uplift
D _{ve0} (ft from TOC)	6.52	-
Soil Safety Factor	2.37	-
Max Moment (kip-ft)	5847.27	-
Rating*	53.5%	-

Soil Vertical Check	Compression	Uplift
Skin Friction (kips)	282.74	-
End Bearing (kips)	904.78	-
Weight of Concrete (kips)	174.64	-
Total Capacity (kips)	1187.52	-
Axial (kips)	249.64	-
Rating*	20.0%	-

Reinforced Concrete Flexure	Compression	Uplift
Critical Depth (ft from TOC)	6.40	-
Critical Moment (kip-ft)	5847.12	-
Critical Moment Capacity	9002.33	-
Rating*	61.9%	-

Reinforced Concrete Shear	Compression	Uplift
Critical Depth (ft from TOC)	20.83	-
Critical Shear (kip)	544.35	-
Critical Shear Capacity	722.75	-
Rating*	71.7%	-

Structural Foundation Rating*	71.7%
Soil Interaction Rating*	53.5%

*Rating per TIA-222-H Section 15.5

Check Limitation	
Apply TIA-222-H Section 15.5:	<input checked="" type="checkbox"/>
N/A	<input type="checkbox"/>
Additional Longitudinal Rebar	
Input Effective Depths (else Actual):	<input type="checkbox"/>
Shear Design Options	
Check Shear along Depth of Pier:	<input checked="" type="checkbox"/>
Utilize Shear-Friction Methodology:	<input type="checkbox"/>
Override Critical Depth:	<input type="checkbox"/>

[Go to Soil Calculations](#)

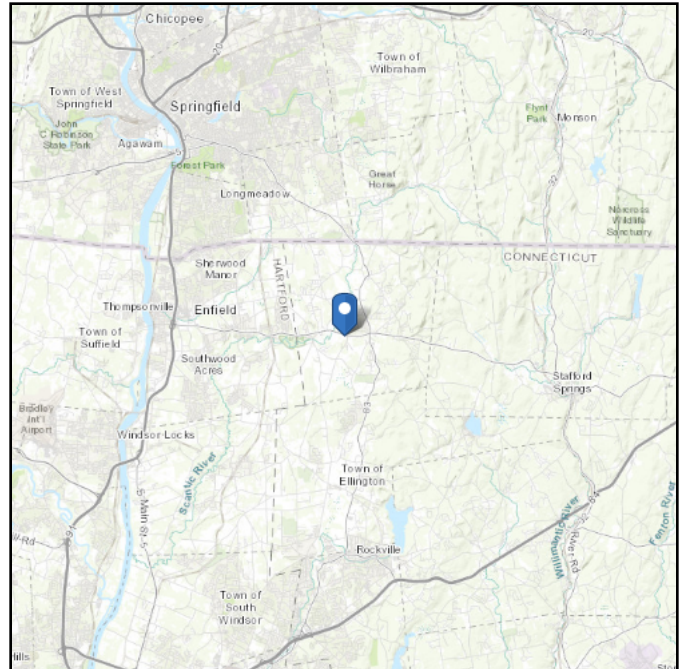
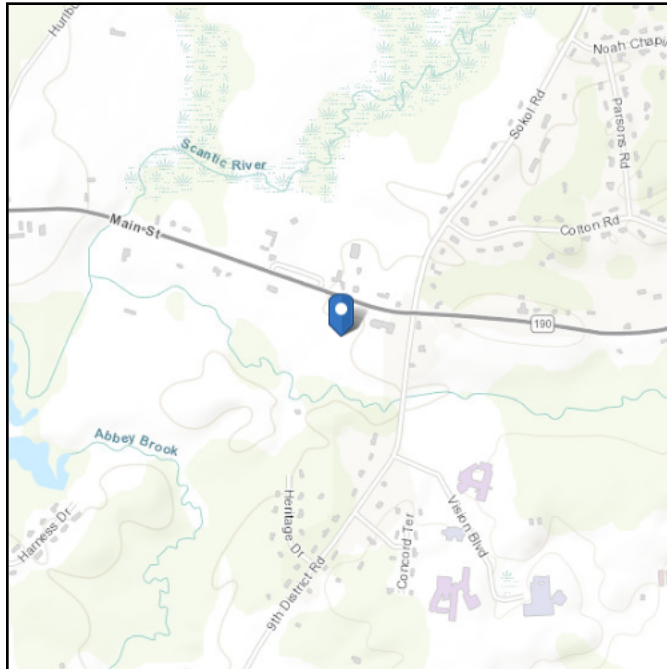
Soil Profile														
Groundwater Depth		4.5		# of Layers		3								
Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ _{soil} (pcf)	γ _{concrete} (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Gross Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	4	4	120	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	4	4.5	0.5	120	150	0	34	0.000	0.000	0.60	0.60			Cohesionless
3	4.5	29	24.5	60	87.6	0	34	0.000	0.000	0.60	0.60	24		Cohesionless

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Default (see Section 11.4.3)

Elevation: 197.69 ft (NAVD 88)
Latitude: 41.983744
Longitude: -72.465797



Wind

Results:

Wind Speed	117 Vmph
10-year MRI	75 Vmph
25-year MRI	83 Vmph
50-year MRI	90 Vmph
100-year MRI	97 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Tue May 17 2022

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

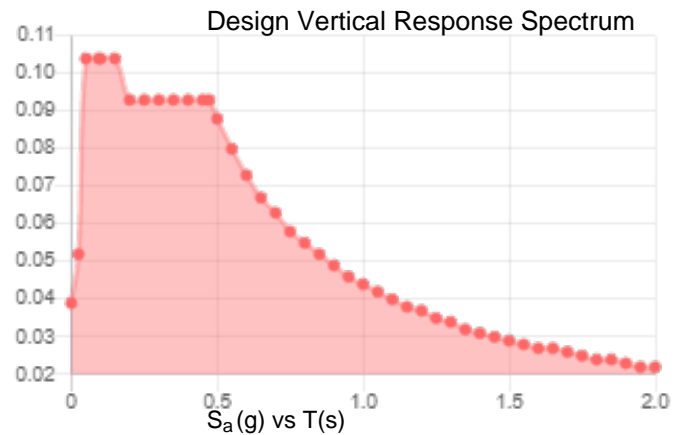
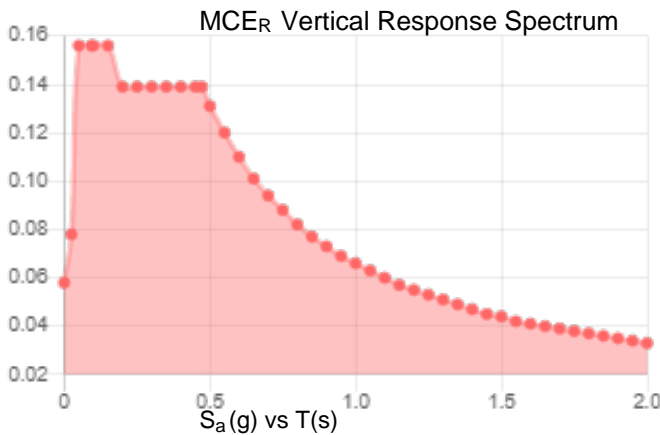
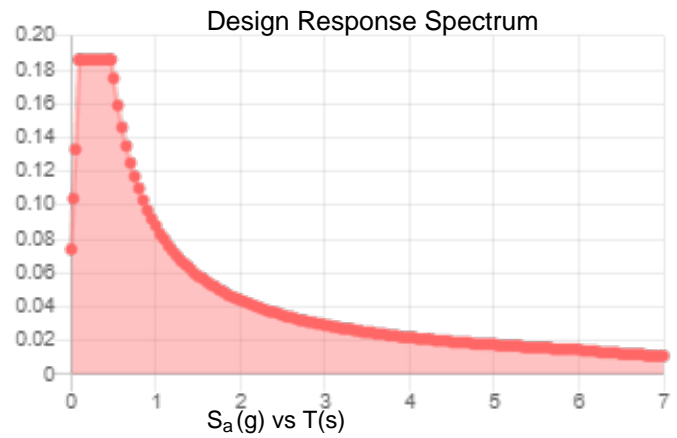
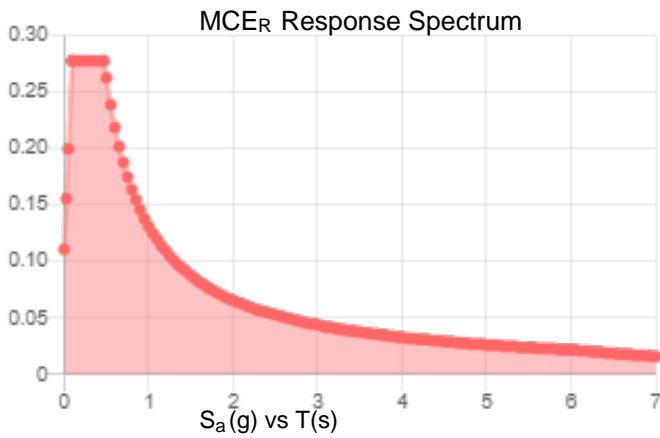
Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

Site Soil Class: D - Default (see Section 11.4.3)

Results:

S_s :	0.174	S_{D1} :	0.088
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.091
F_v :	2.4	PGA _M :	0.146
S_{MS} :	0.278	F_{PGA} :	1.6
S_{M1} :	0.131	I_e :	1
S_{DS} :	0.186	C_v :	0.7

Seismic Design Category B



Data Accessed: Tue May 17 2022

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness: 1.50 in.
Concurrent Temperature: 5 F
Gust Speed 50 mph

Data Source: Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8

Date Accessed: Tue May 17 2022

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

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

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

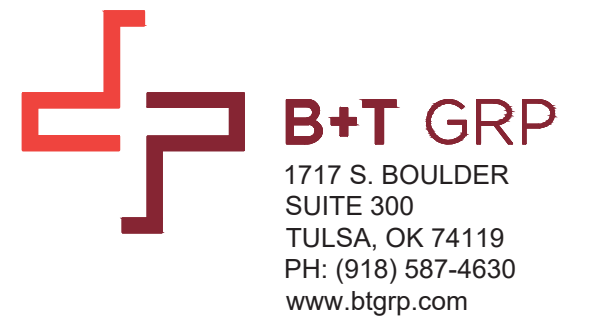
ASCE does not intend, nor should anyone interpret, the results provided by this Tool to replace the sound judgment of a competent professional, having knowledge and experience in the appropriate field(s) of practice, nor to substitute for the standard of care required of such professionals in interpreting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

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



AT&T SITE NUMBER: CTL05857
AT&T SITE NAME: SOMERS CENTRAL
AT&T FA CODE: 10108715
AT&T PACE NUMBER: MRCTB055435, MRCTB053738, MRCTB053297, MRCTB056499, MRCTB055931,
AT&T PROJECT: MRCTB062287
BBU RECONFIGURATION WITH NEW IDS, 5G NR ACTIVATION, 5G NR 1SR CBAND, LTE 6C

BUSINESS UNIT #: 803934
SITE ADDRESS: 400 MAIN STREET
SOMERS, CT 06071
COUNTY: TOLLAND
SITE TYPE: MONOPOLE
TOWER HEIGHT: 187'-0"



AT&T SITE NUMBER: CTL05857

BU #: 803934
CT SOMERS FD CAC

400 MAIN STREET
 SOMERS, CT 06071

EXISTING
 187'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	04/22/22	LR	PRELIMINARY REVIEW	LR
0	5/23/22	LR	CONSTRUCTION	LR

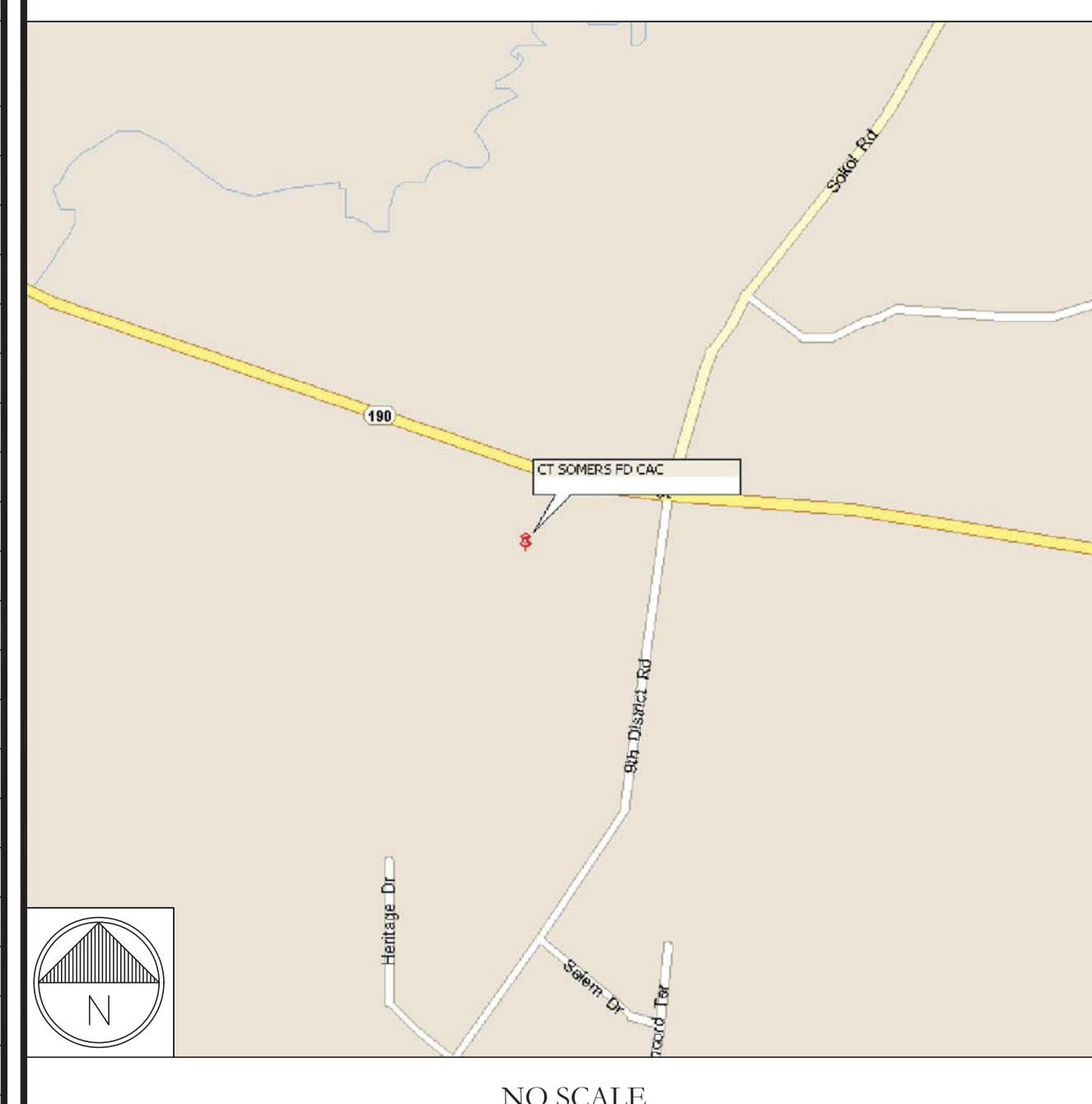
SITE INFORMATION

CROWN CASTLE USA INC. CT SOMERS FD CAC
 SITE NAME:
 SITE ADDRESS: 400 MAIN STREET
 SOMERS, CT 06071
 COUNTY: TOLLAND
 MAP/PARCEL #: 05-07
 AREA OF CONSTRUCTION: EXISTING
 LATITUDE: 41.983739°
 LONGITUDE: -72.465512°
 LAT/LONG TYPE: NAD83
 GROUND ELEVATION: 198'
 CURRENT ZONING: A-1
 JURISDICTION: CONNECTICUT SITING COUNCIL
 OCCUPANCY CLASSIFICATION: U
 TYPE OF CONSTRUCTION: IIB
 A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
 PROPERTY OWNER: SOMERS TOWN OF
 400 MAIN STREET
 SOMERS, CT 06071
 TOWER OWNER: CROWN CASTLE USA INC
 2000 CORPORATE DRIVE
 CANONSBURG, PA 15317
 CARRIER/APPLICANT: AT&T TOWER ASSET GROUP
 575 MOROSGO DRIVE
 ATLANTA, GA 30324-3300
 ELECTRIC PROVIDER: CONNECTICUT LIGHT & POWER CO
 (800)-286-2000
 TELCO PROVIDER: LIGHTTOWER
 (855) 91-FIBER

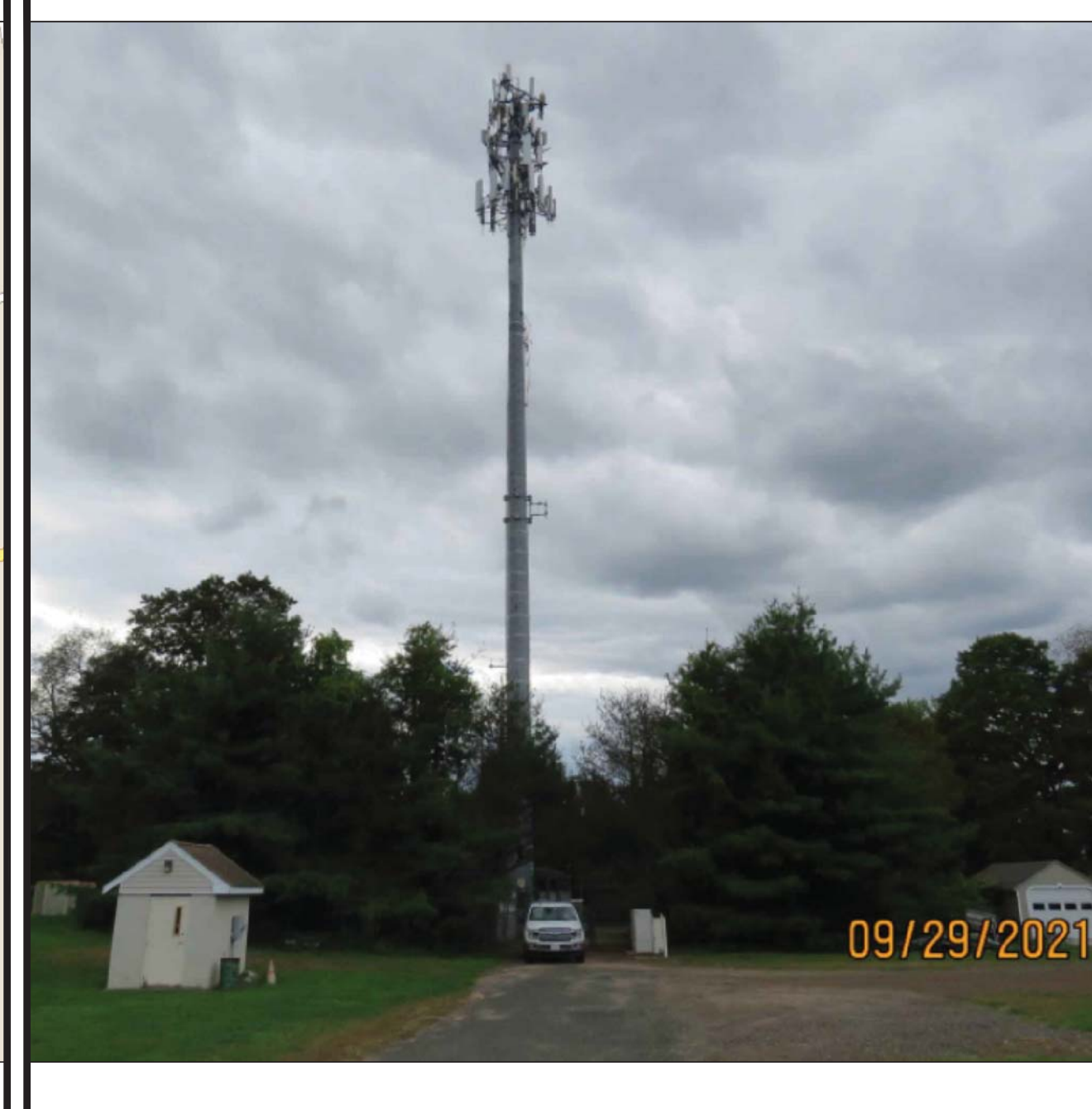
DRAWING INDEX

SHEET #	SHEET DESCRIPTION
T-1	TITLE SHEET
T-2	GENERAL NOTES
C-1.1	SITE PLAN
C-1.2	EQUIPMENT PLANS
C-2	TOWER ELEVATION & ANTENNA PLANS
C-3	ANTENNA SCHEDULE
C-4	EQUIPMENT DETAILS
C-5	EQUIPMENT SPECS.
G-1	GROUNDING DETAILS
G-2	GROUNDING DETAILS
S-1	SABRE OVP MOUNT ASSEMBLY
ATTACHED	PLUMBING DIAGRAMS
ATTACHED	MOUNT MODIFICATION DRAWINGS
ATTACHED	SPECIFICATIONS

LOCATION MAP



SITE PHOTO



PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE WIRELESS FACILITY.
 TOWER SCOPE OF WORK:
 • REMOVE (3) KATHREIN - 800-10121 ANTENNAS
 • REMOVE (3) CCI - HPA-65R-BU8AA ANTENNAS
 • REMOVE (3) CCI - OPA65R-BU8DA ANTENNAS
 • REMOVE (6) POWERWAVE TECH - LGP 21401 TMAS
 • RELOCATE (3) ERICSSON - RRUS 4478 B14 RRHs
 • RELOCATE (3) ERICSSON - RRUS 4449 B5/B12 RRHs
 • RELOCATE (3) BACK TO BACK MOUNT
 • INSTALL (3) QUINTEL - QD8616-7 ANTENNAS
 • INSTALL (6) ERICSSON - AIR6449 B77D+AIR6419 B77G STACKED ANTENNAS WITH INTEGRATED RRHs
 • INSTALL (3) ERICSSON - RRUS 4415 B30 RRUs
 • INSTALL (1) RAYCAP - DC9-48-60-24-8C-EV SQUID
 • INSTALL (3) 7/8" 6AWG DC TRUNK
 • INSTALL (1) 3/8" 24-PAIR FIBER TRUNK
 • INSTALL MOUNT MODIFICATION AS PER MOUNT MODIFICATION DOCUMENT BY POD GROUP DATED 5/13/22
 GROUND SCOPE OF WORK:
 • DECOM AND REMOVE UMTS CABINET
 • REMOVE (6) POWERWAVE TECH - LGP21901 DIPLEXERS
 • INSTALL (1) PURCELL FLX16 ON PLINTH
 • INSTALL (1) 6648 WITH XCEDE CABLE
 • INSTALL IDLe CABLE
 • INSTALL (1) OUTDOOR DC12
 • INSTALL (5) RECTIFIERS IN EXISTING PP

APPLICABLE CODES & REFERENCE DOCUMENTS

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

CODE TYPE	CODE
BUILDING	2018 CONNECTICUT SBC/2015 IBC
MECHANICAL	2018 CONNECTICUT SBC/2015 IMC
ELECTRICAL	2018 CONNECTICUT SBC/2017 NEC

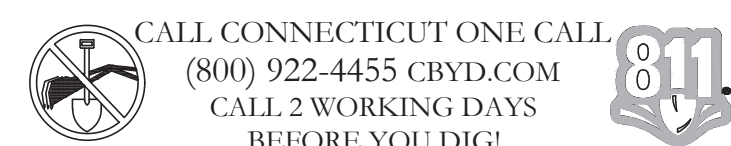
REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS:	B+T GROUP
DATED:	5/18/22
MOUNT MODIFICATION:	POD GROUP
DATED:	5/13/22
RFDS REVISION:	PRELIMINARY
DATED:	2/25/22
ORDER ID:	586342
REVISION:	1

PROJECT TEAM

A&E FIRM: B+T GROUP
 1717 S. BOULDER AVE.
 TULSA, OK 74119
 MARVIN PHILLIPS
 MARVIN.PHILLIPS@BTGRP.COM
 CROWN CASTLE USA INC. DISTRICT CONTACTS:
 3530 TORINGDON WAY, SUITE 300
 CHARLOTTE, NC 28277
 VERONICA CHAPMAN - PROJECT MANAGER
 VERONICA.CHAPMAN@CROWNCastle.COM
 JASON D'AMICO - CONSTRUCTION MANAGER
 JASON.DAMICO@CROWNCastle.COM

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 24X36. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



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



B&T ENGINEERING, INC.
 PEC.0001564
 Expires 2/10/23

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

SHEET NUMBER: **T-1** REVISION: **0**

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

- 1. NOTICE TO PROCEED- NO WORK SHALL COMMENCE PRIOR TO CROWN CASTLE USA INC. WRITTEN NOTICE TO PROCEED (NTP) AND THE ISSUANCE OF A PURCHASE ORDER. PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN CASTLE USA INC. NOC AT 800-788-7011 & THE CROWN CASTLE USA INC. CONSTRUCTION MANAGER.
2. "LOOK UP" - CROWN CASTLE USA INC. SAFETY CLIMB REQUIREMENT: THE INTEGRITY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE CONSIDERED DURING ALL STAGES OF DESIGN, INSTALLATION, AND INSPECTION.
3. PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED JURISDICTIONAL PERMITS SHALL BE OBTAINED. THIS INCLUDES, BUT IS NOT LIMITED TO, BUILDING, ELECTRICAL, MECHANICAL, FIRE, FLOOD ZONE, ENVIRONMENTAL, AND ZONING.
4. ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN, AND SHALL MEET ANSI/ASSE A10.48 (LATEST EDITION); FEDERAL, STATE, AND LOCAL REGULATIONS; AND ANY APPLICABLE INDUSTRY CONSENSUS STANDARDS RELATED TO THE CONSTRUCTION ACTIVITIES BEING PERFORMED.
5. ALL SITE WORK TO COMPLY WITH QAS-STD-10068 "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE," CED-STD-10294 "STANDARD FOR INSTALLATION OF MOUNTS AND APPURTENANCES," AND LATEST VERSION OF ANSI/TIA-1019-A-2012 "STANDARD FOR INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS."
6. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY CROWN CASTLE USA INC. PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
7. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
8. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
9. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
10. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING AND EXCAVATION E) CONSTRUCTION SAFETY PROCEDURES.
11. ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT SPECIFICATIONS, LATEST APPROVED REVISION.
12. CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH AT THE COMPLETION OF THE WORK. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
13. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF CONTRACTOR, TOWER OWNER, CROWN CASTLE USA INC., AND/OR LOCAL UTILITIES.
14. THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE REQUIRED BY LOCAL JURISDICTION AND SIGNAGE REQUIRED ON INDIVIDUAL PIECES OF EQUIPMENT, ROOMS, AND SHELTERS.
15. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE CARRIER'S EQUIPMENT AND TOWER AREAS.
16. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
17. THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION AS SPECIFIED ON THE CONSTRUCTION DRAWINGS AND/OR PROJECT SPECIFICATIONS.
18. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
19. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
20. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
21. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.
22. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.

GREENFIELD GROUNDING NOTES:

- 1. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GES'S) SHALL BE BONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
2. THE CONTRACTOR SHALL PERFORM IEEE FALL-OFF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS, THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT AND PROVIDE TESTING RESULTS.
4. METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
5. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
6. EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, #6 STRANDED COPPER OR LARGER FOR INDOOR BTS; #2 BARE SOLID TINNED COPPER FOR OUTDOOR BTS.
7. CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED BACK TO BACK CONNECTIONS ON OPPOSITE SIDE OF THE GROUND BUS ARE PERMITTED.
8. ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
9. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
10. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED.
11. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
12. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.
13. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
14. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR.
15. APPROVED ANTI-OXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
16. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
17. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
18. BOND ALL METALLIC OBJECTS WITHIN 6 FT. OF MAIN GROUND RING WITH (1) #2 BARE SOLID TINNED COPPER GROUND CONDUCTOR.
19. GROUND CONDUCTORS USED FOR THE FACILITY GROUNDING AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERIAL SUCH AS PVC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (i.e., NONMETALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.
20. ALL GROUNDS THAT TRANSITION FROM BELOW GRADE TO ABOVE GRADE MUST BE #2 BARE SOLID TINNED COPPER IN 3/4" NON-METALLIC, FLEXIBLE CONDUIT FROM 24" BELOW GRADE TO WITHIN 3" TO 6" OF CAD-WELD TERMINATION POINT. THE EXPOSED END OF THE CONDUIT MUST BE SEALED WITH SILICONE CAULK. (ADD TRANSITIONING GROUND STANDARD DETAIL AS WELL).
21. BUILDINGS WHERE THE MAIN GROUNDING CONDUCTORS ARE REQUIRED TO BE ROUTED TO GRADE, THE CONTRACTOR SHALL ROUTE TWO GROUNDING CONDUCTORS FROM THE ROOFTOP, TOWERS, AND WATER TOWERS GROUNDING RING, TO THE EXISTING GROUNDING SYSTEM, THE GROUNDING CONDUCTORS SHALL NOT BE SMALLER THAN 2/0 COPPER. ROOFTOP GROUNDING RING SHALL BE BONDED TO THE EXISTING GROUNDING SYSTEM, THE BUILDING STEEL COLUMNS, LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY).

GENERAL NOTES:

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

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

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

ELECTRICAL INSTALLATION NOTES:

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

Table with 2 columns: SYSTEM, CONDUCTOR COLOR. Rows include 120/240V, 10, 120/208V, 30, 277/480V, 30, and DC VOLTAGE with color codes for A, B, C, GROUND, NEUTRAL, POS, and NEG phases.

APWA UNIFORM COLOR CODE:

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

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

ABBREVIATIONS:

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

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CROWN CASTLE logo and address: 3530 TORINGDON WAY, SUITE 300, CHARLOTTE, NC 28277

B+T GRP logo and address: 1717 S. BOULDER SUITE 300, TULSA, OK 74119, PH: (918) 587-4630, www.btgrp.com

AT&T SITE NUMBER: CTL05857

BU #: 803934 CT SOMERS FD CAC

400 MAIN STREET SOMERS, CT 06071

EXISTING 187'-0" MONOPOLE

ISSUED FOR:

Table with 5 columns: REV, DATE, DRWN, DESCRIPTION, DES./QA. Row 1: A, 04/22/22, LR, PRELIMINARY REVIEW, LR. Row 2: 0, 5/23/22, LR, CONSTRUCTION, LR.

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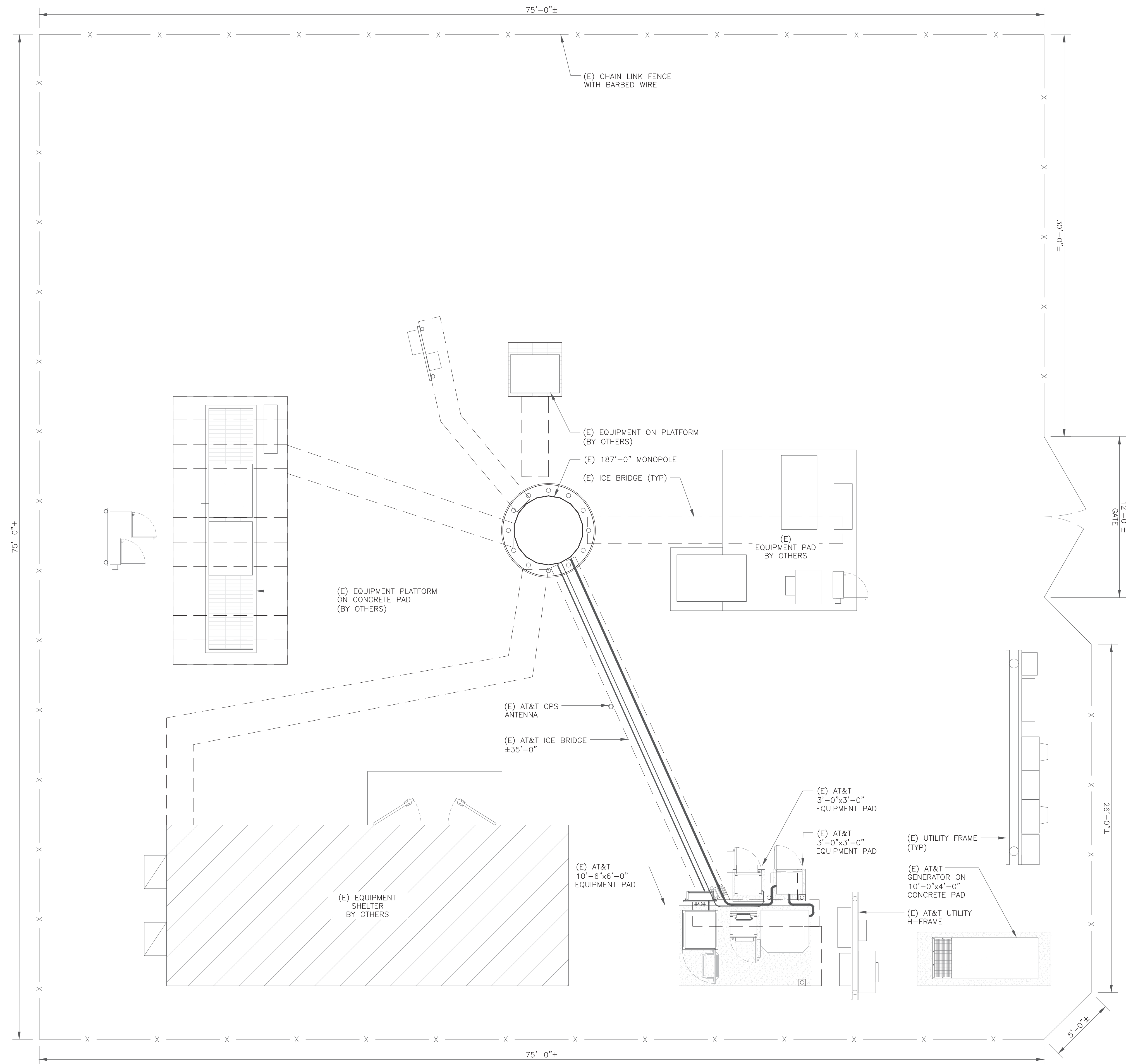
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SHEET NUMBER:

T-2

REVISION:

0



1 SITE PLAN
 SCALE: 1/4"=1'-0" (FULL SIZE)
 1/8"=1'-0" (11x17)

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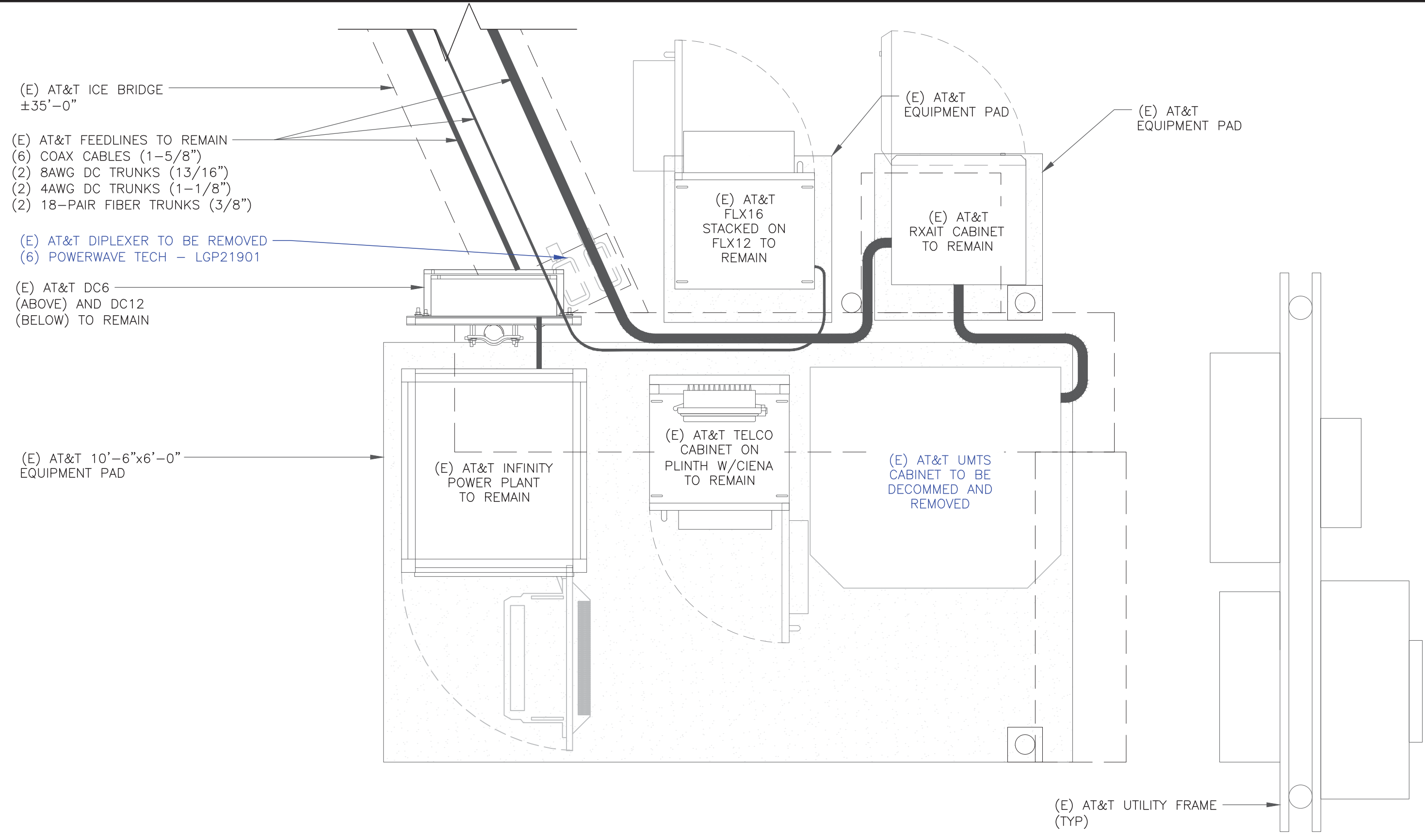
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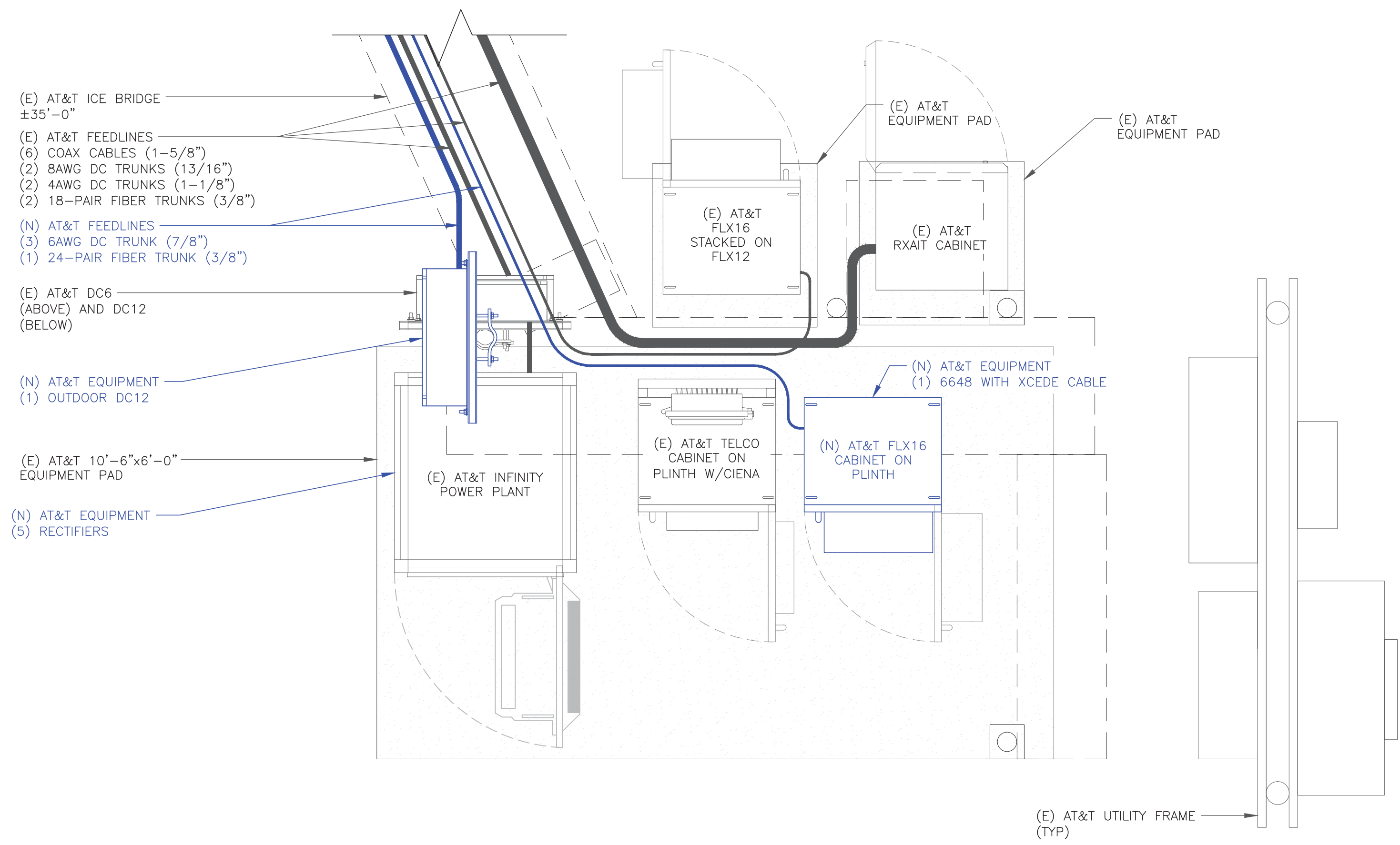
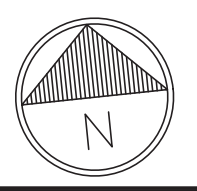
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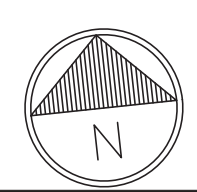
- (E) AT&T ICE BRIDGE
±35'-0"
- (E) AT&T FEEDLINES TO REMAIN
- (6) COAX CABLES (1-5/8")
- (2) 8AWG DC TRUNKS (13/16")
- (2) 4AWG DC TRUNKS (1-1/8")
- (2) 18-PAIR FIBER TRUNKS (3/8")
- (E) AT&T DIPLEXER TO BE REMOVED
- (6) POWERWAVE TECH - LGP21901
- (E) AT&T DC6
(ABOVE) AND DC12
(BELOW) TO REMAIN

1 EXISTING EQUIPMENT PLAN
SCALE: 3/4"=1'-0" (FULL SIZE)
3/8"=1'-0" (11x17)



- (E) AT&T ICE BRIDGE
±35'-0"
- (E) AT&T FEEDLINES
- (6) COAX CABLES (1-5/8")
- (2) 8AWG DC TRUNKS (13/16")
- (2) 4AWG DC TRUNKS (1-1/8")
- (2) 18-PAIR FIBER TRUNKS (3/8")
- (N) AT&T FEEDLINES
- (3) 6AWG DC TRUNK (7/8")
- (1) 24-PAIR FIBER TRUNK (3/8")
- (E) AT&T DC6
(ABOVE) AND DC12
(BELOW)
- (N) AT&T EQUIPMENT
(1) OUTDOOR DC12
- (E) AT&T 10'-6"x6'-0"
EQUIPMENT PAD
- (N) AT&T EQUIPMENT
(5) RECTIFIERS

2 FINAL EQUIPMENT PLAN
SCALE: 3/4"=1'-0" (FULL SIZE)
3/8"=1'-0" (11x17)



GROUND SCOPE OF WORK:

- DECOM AND REMOVE UMTS CABINET
- REMOVE (6) POWERWAVE TECH - LGP21901 DIPLEXERS
- INSTALL (1) PURCELL FLX16 ON PLINTH
- INSTALL (1) 6648 WITH XCEDE CABLE
- INSTALL IDLE CABLE
- INSTALL (1) OUTDOOR DC12
- INSTALL (5) RECTIFIERS IN EXISTING PP

NOTE:

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

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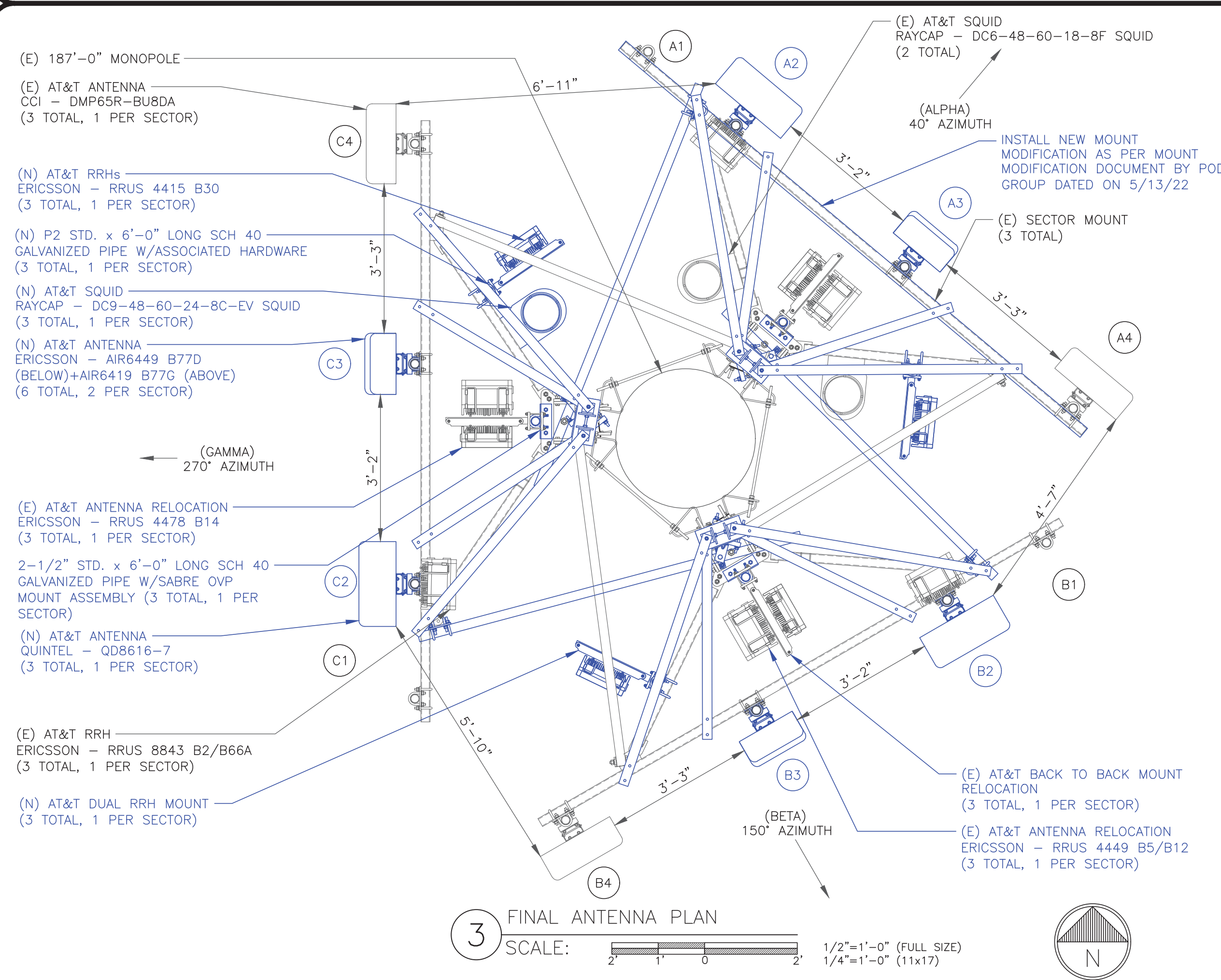
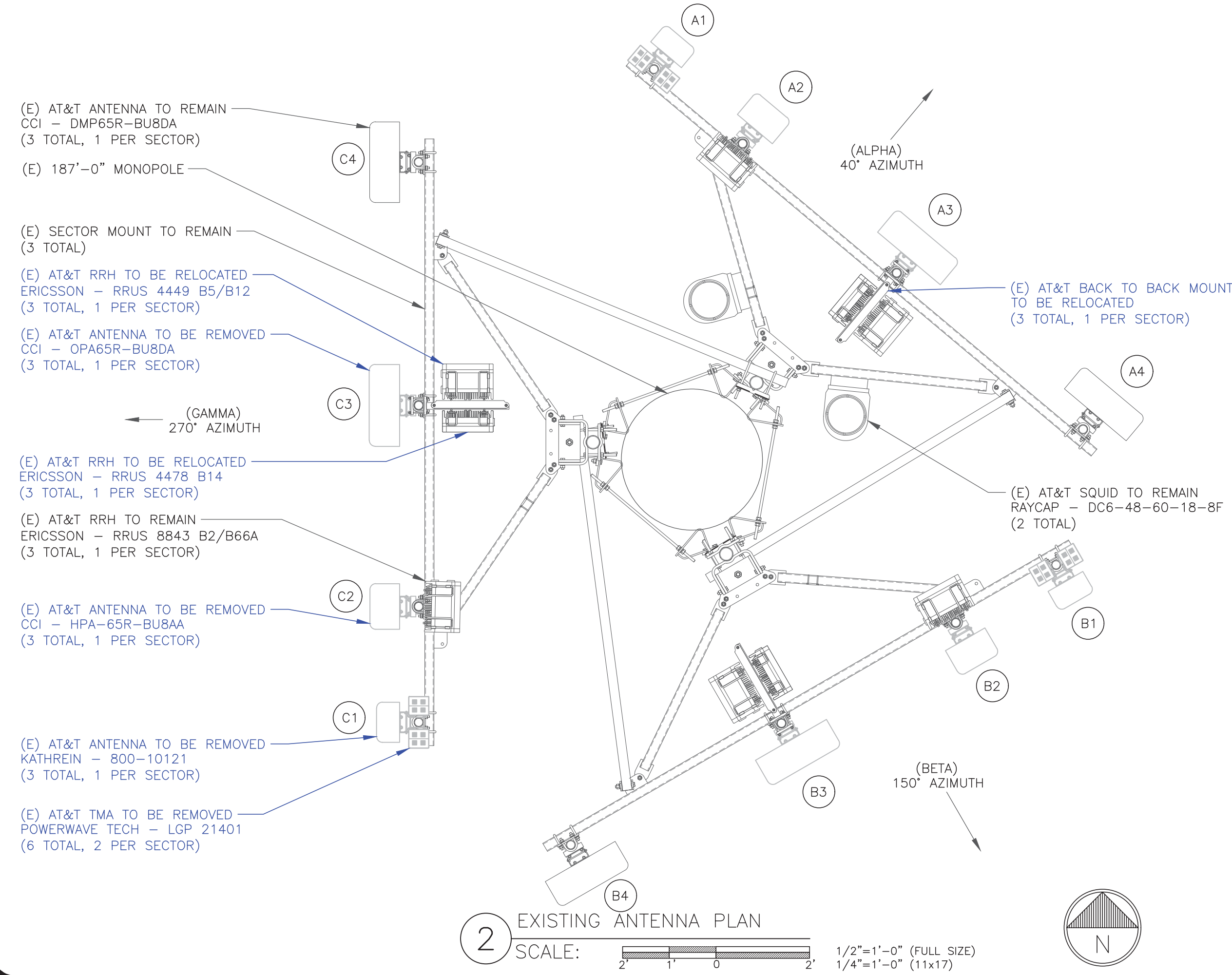
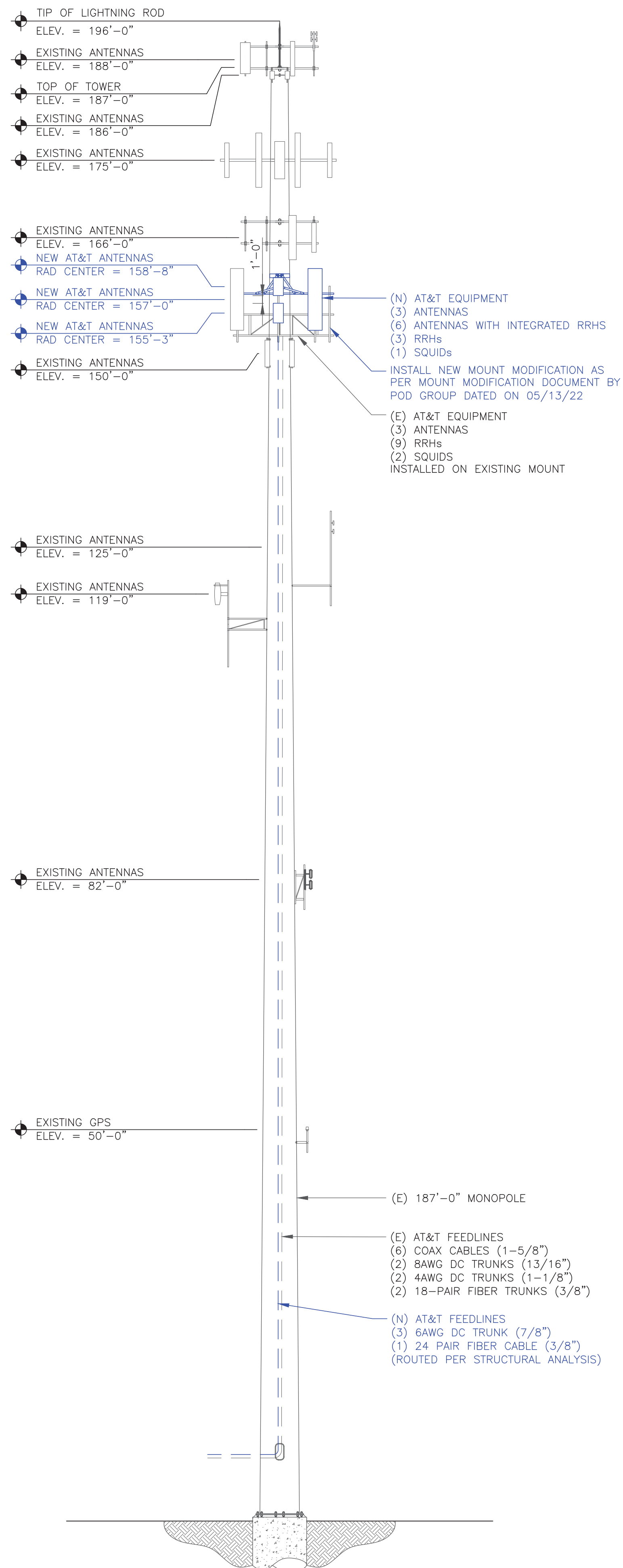
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"LOOK UP" - CROWN CASTLE USA INC. SAFETY CLIMB REQUIREMENT:

THE INTEGRITY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE CONSIDERED DURING ALL STAGES OF DESIGN, INSTALLATION, AND INSPECTION. TOWER MODIFICATION, MOUNT REINFORCEMENTS, AND/OR EQUIPMENT INSTALLATIONS SHALL NOT COMPROMISE THE INTEGRITY OR FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY COMPONENTS OF THE CLIMBING FACILITY ON THE STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: PINCHING OF THE WIRE ROPE, BENDING OF THE WIRE ROPE FROM ITS SUPPORTS, DIRECT CONTACT OR CLOSE PROXIMITY TO THE WIRE ROPE WHICH MAY CAUSE FRICTIONAL WEAR, IMPACT TO THE ANCHORAGE POINTS IN ANY WAY, OR TO IMPEDE/BLOCK ITS INTENDED USE. ANY COMPROMISED SAFETY CLIMB, INCLUDING EXISTING CONDITIONS MUST BE TAGGED OUT AND REPORTED TO YOUR CROWN CASTLE USA INC. POC OR CALL THE NOC TO GENERATE A SAFETY CLIMB MAINTENANCE AND CONTRACTOR NOTICE TICKET.

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

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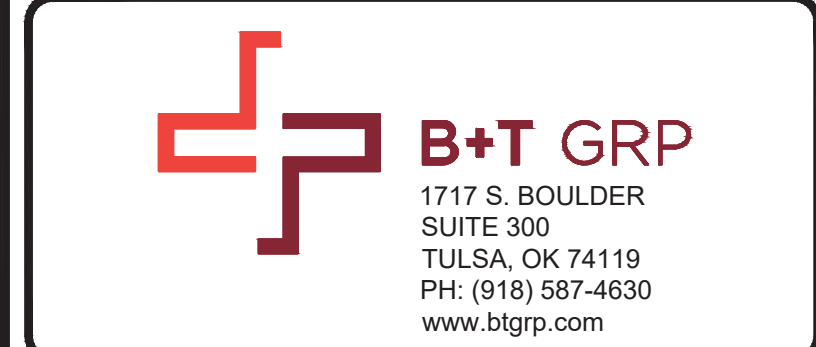
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SHEET NUMBER: **C-2** REVISION: **0**

FINAL EQUIPMENT SCHEDULE
(VERIFY WITH CURRENT RFDS)

POSITION	ANTENNA				RADIO		DIPLEXER		TMA		SURGE PROTECTION		CABLES				
	TECH.	STATUS/MANUFACTURER MODEL	AZIMUTH	RAD CENTER	QTY.	STATUS/MODEL	LOCATION	QTY.	STATUS	LOCATION	QTY.	STATUS/MODEL	QTY.	STATUS/TYPE	SIZE	LENGTH	
A1	-	-	-	-	-	-	-	-	-	-	-	1	(E) RAYCAP - DC6-48-60-18-8F SQUID	2	(E) 8AWG DC TRUNK	13/16"	207'-0"
														1	(E) 18-PAIR FIBER TRUNK	3/8"	207'-0"
A2	LTE/5G	(N) QUINTEL - QD8616-7	40°	157'-0"	1	(E) ERICSSON - RRUS 8843 B2/B66A	TOWER	-	-	-	-	-	-	-	-	-	-
					1	(E) ERICSSON - RRUS 4478 B14	TOWER	-	-	-	-	-	-	-	-	-	-
A3	5G CBAND/5G DoD	(N) ERICSSON - AIR6419 B77G (N) ERICSSON - AIR6449 B77D STACKED	40°	158'-8" 155'-3"	1	INTEGRATED WITHIN	TOWER	-	-	-	-	-	-	-	-	-	-
A4	LTE/5G	(E) CCI - DMP65R-BU8DA	40°	157'-0"	1	(E) ERICSSON - RRUS 4449 B5/B12	TOWER	-	-	-	-	-	-	-	-	-	-
					1	(N) ERICSSON - RRUS 4415 B30	TOWER	-	-	-	-	-	-	-	-	-	-
BETA																	
B1	-	-	-	-	-	-	-	-	-	-	-	1	(E) RAYCAP - DC6-48-60-18-8F SQUID	2	(E) 4AWG DC TRUNK	1-1/8"	207'-0"
														1	(E) 18-PAIR FIBER TRUNK	3/8"	207'-0"
B2	LTE/5G	(N) QUINTEL - QD8616-7	150°	157'-0"	1	(E) ERICSSON - RRUS 8843 B2/B66A	TOWER	-	-	-	-	-	-	-	-	-	-
					1	(E) ERICSSON - RRUS 4478 B14	TOWER	-	-	-	-	-	-	-	-	-	-
B3	5G CBAND/5G DoD	(N) ERICSSON - AIR6419 B77G (N) ERICSSON - AIR6449 B77D STACKED	150°	158'-8" 155'-3"	1	INTEGRATED WITHIN	TOWER	-	-	-	-	-	-	-	-	-	-
B4	LTE/5G	(E) CCI - DMP65R-BU8DA	150°	157'-0"	1	(E) ERICSSON - RRUS 4449 B5/B12	TOWER	-	-	-	-	-	-	-	-	-	-
					1	(N) ERICSSON - RRUS 4415 B30	TOWER	-	-	-	-	-	-	-	-	-	-
GAMMA																	
C1	-	-	-	-	-	-	-	-	-	-	-	1	(N) RAYCAP - DC9-48-60-24-8C-EV SQUID	3	(N) 6AWG DC TRUNK	7/8"	207'-0"
														1	(N) 24-PAIR FIBER TRUNK	3/8"	207'-0"
C2	LTE/5G	(N) QUINTEL - QD8616-7	270°	157'-0"	1	(E) ERICSSON - RRUS 8843 B2/B66A	TOWER	-	-	-	-	-	-	-	-	-	-
					1	(E) ERICSSON - RRUS 4478 B14	TOWER	-	-	-	-	-	-	-	-	-	-
C3	5G CBAND/5G DoD	(N) ERICSSON - AIR6419 B77G (N) ERICSSON - AIR6449 B77D STACKED	270°	158'-8" 155'-3"	1	INTEGRATED WITHIN	TOWER	-	-	-	-	-	-	-	-	-	-
C4	LTE/5G	(E) CCI - DMP65R-BU8DA	270°	157'-0"	1	(E) ERICSSON - RRUS 4449 B5/B12	TOWER	-	-	-	-	-	-	-	-	-	-
					1	(N) ERICSSON - RRUS 4415 B30	TOWER	-	-	-	-	-	-	-	-	-	-
													UNUSED FEEDLINES:	6	(E) COAX CABLE	1-5/8"	207'-0"

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



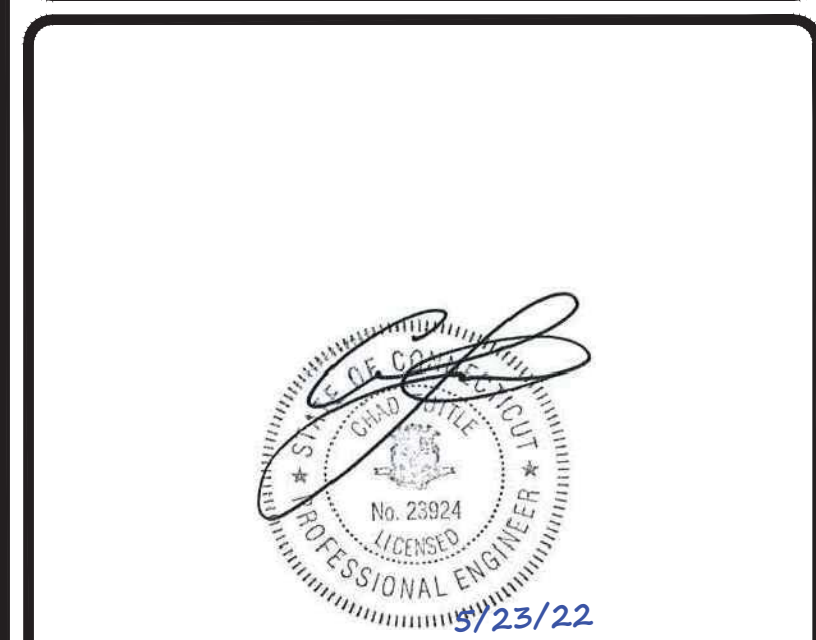
AT&T SITE NUMBER: CTL05857

BU #: 803934
CT SOMERS FD CAC

400 MAIN STREET
SOMERS, CT 06071

EXISTING
187'-0" MONOPOLE

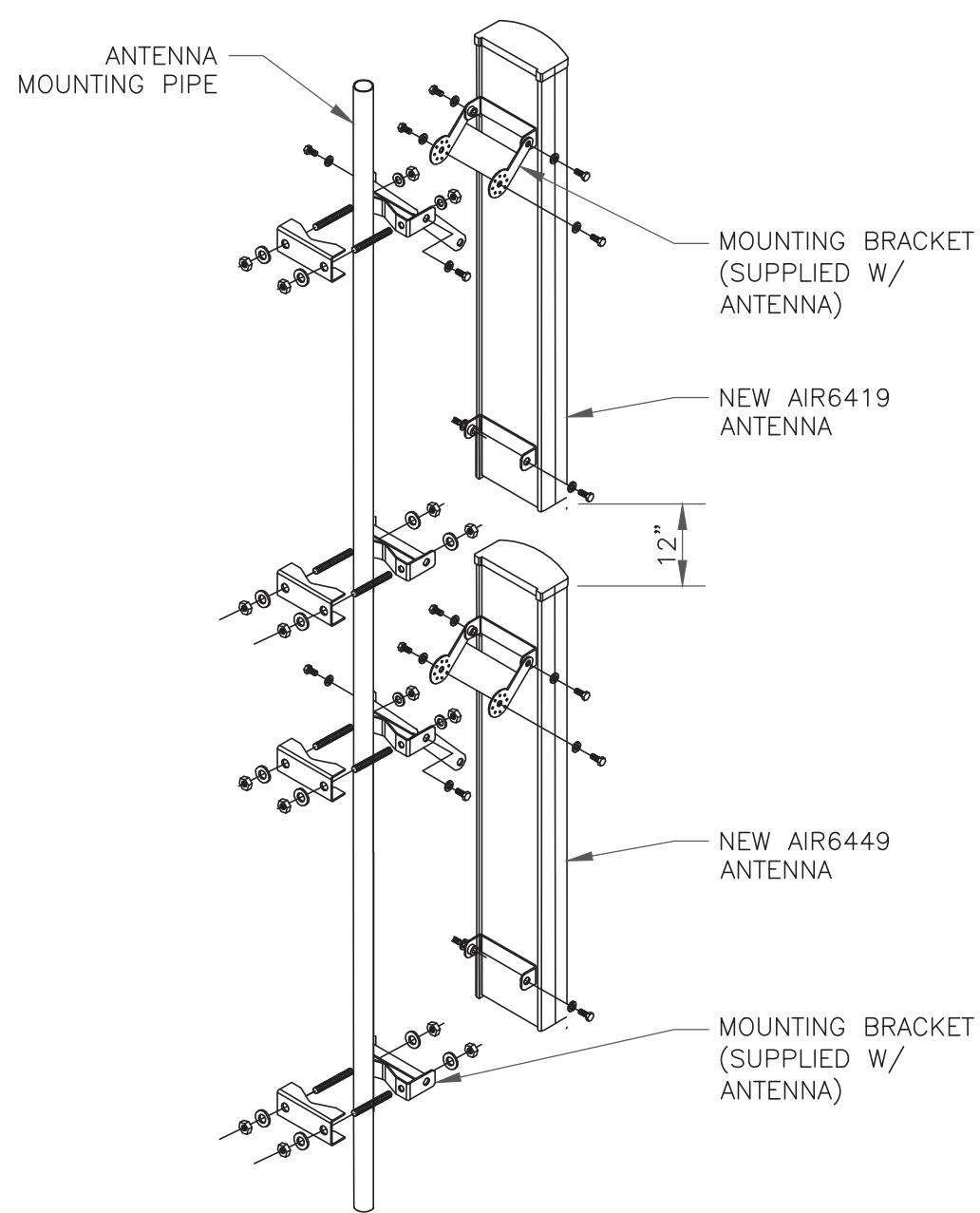
ISSUED FOR:				
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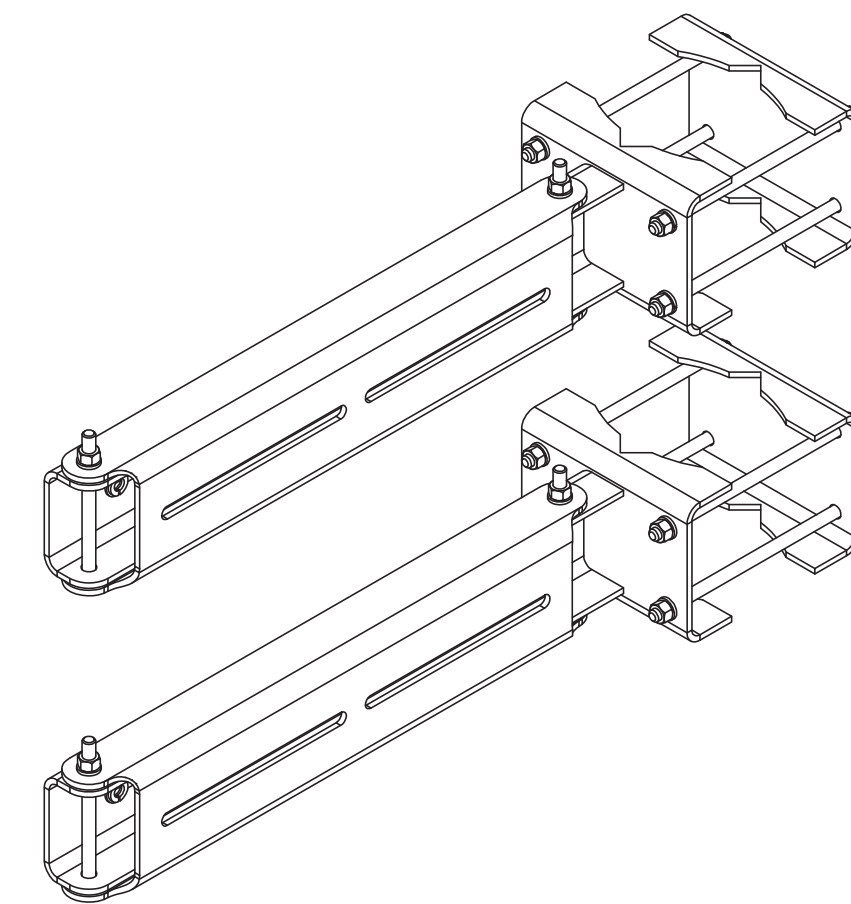
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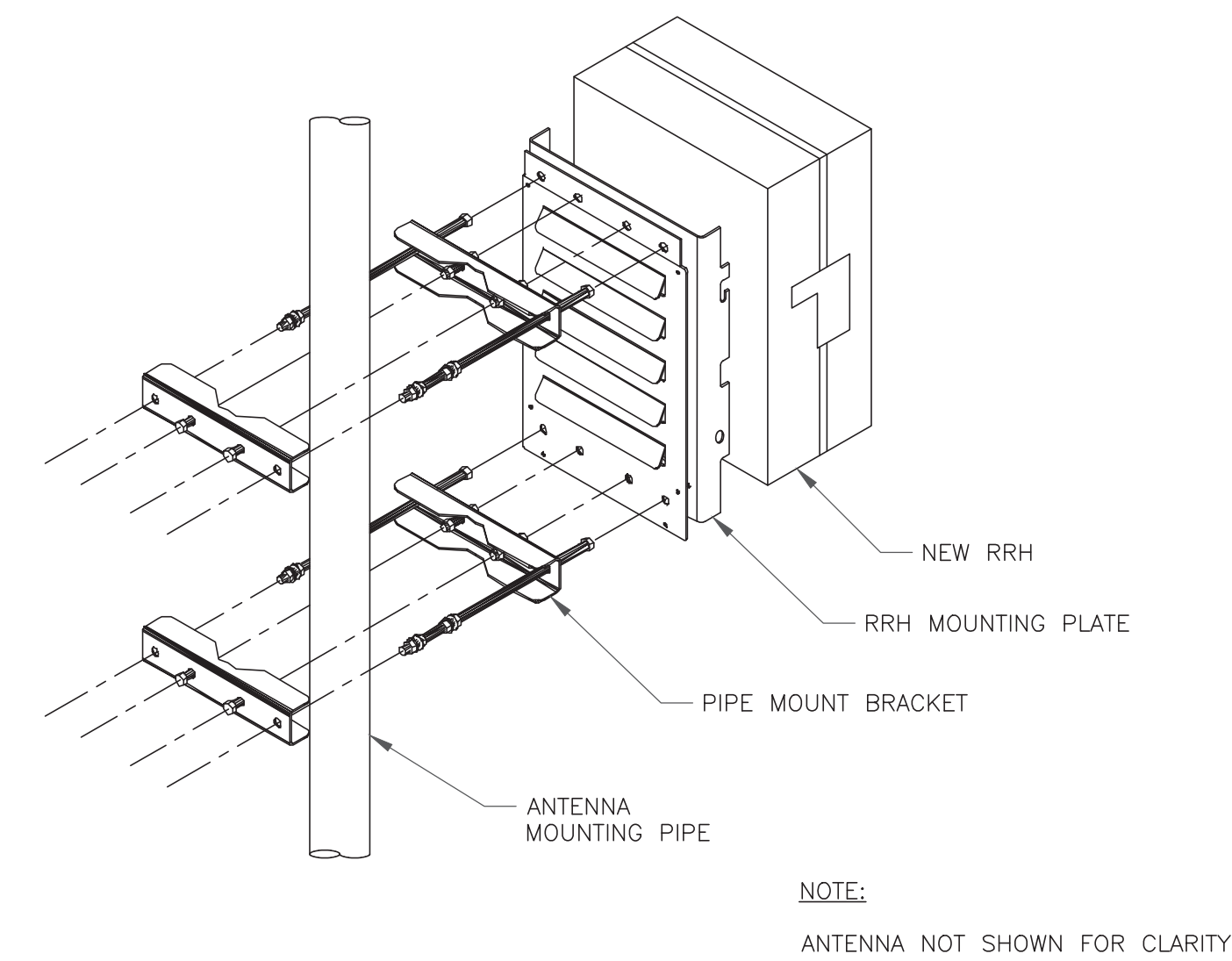
SHEET NUMBER: C-3	REVISION: 0
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1 STACKED ANTENNA MOUNTING DETAIL
SCALE: NOT TO SCALE



2 DUAL RADIO MOUNT
SCALE: NOT TO SCALE

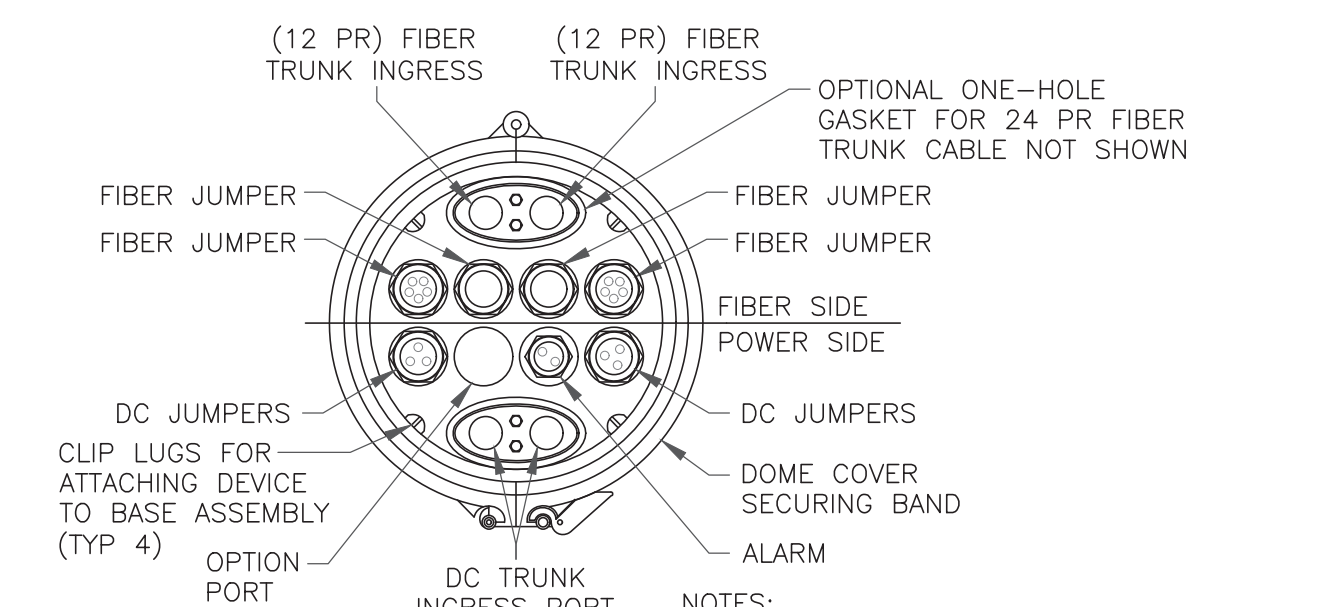
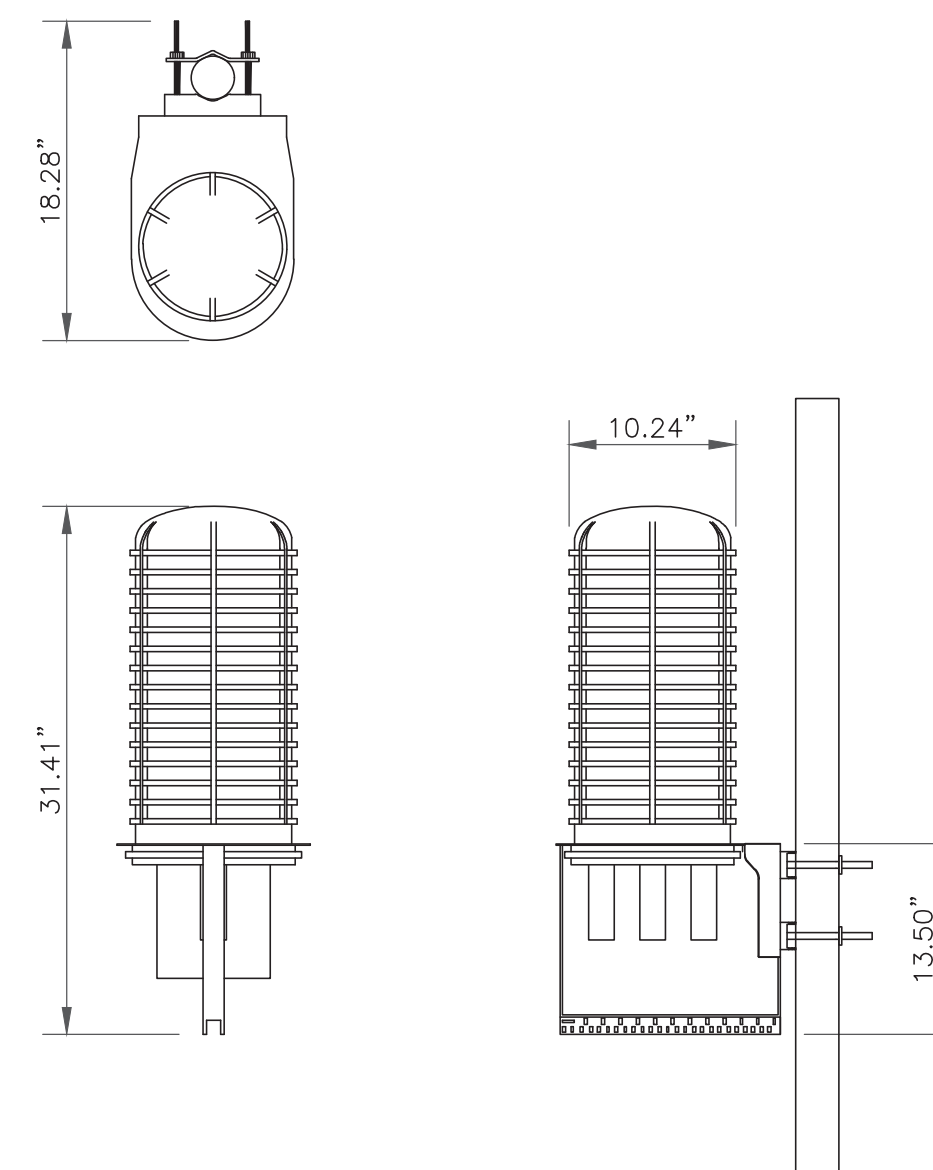


3 SINGLE RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

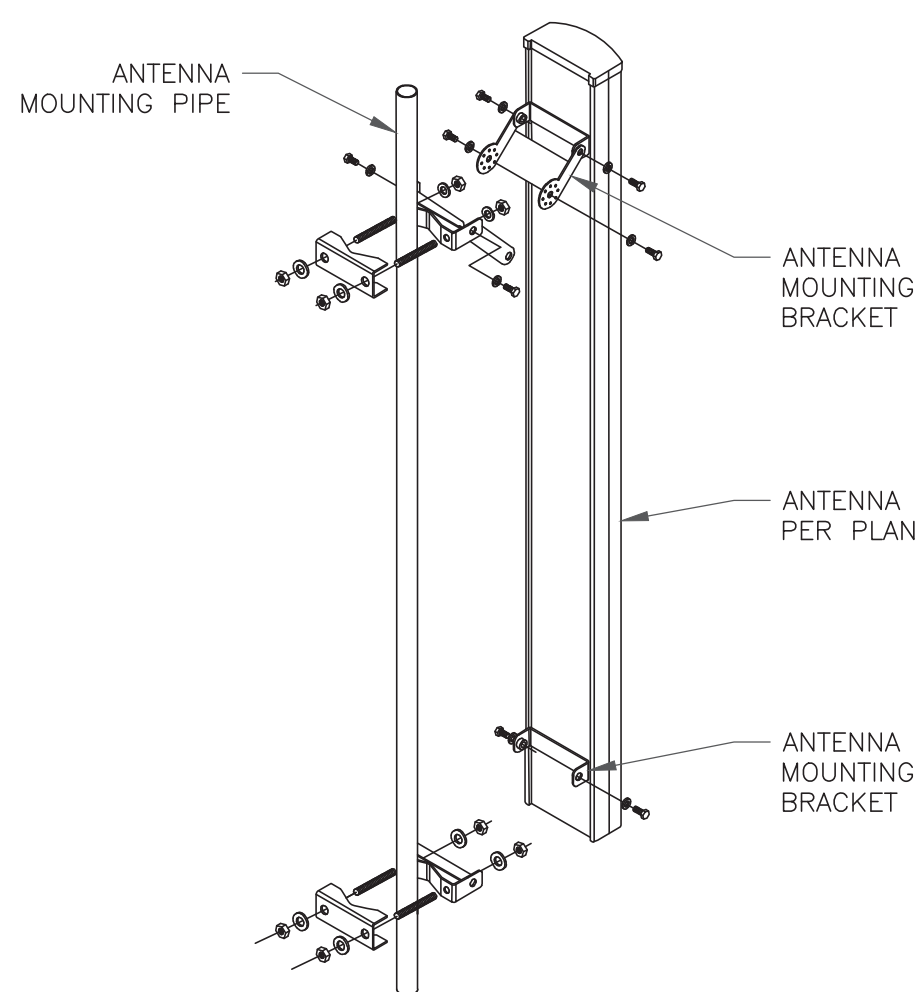
RAYCAP
DC9-48-60-24-8C-EV

RAYCAP -- DC9-48-60-24-8C-EV
SIZE: 10.24x31.40 IN.
WEIGHT: 26.2 LBS
NOMINAL OPERATING VOLTAGE: 48 VDC
VOLTAGE PROTECTION RATING: 330 V
WIND LOADING: 150 MPH SUSTAINED (105.7 LBS)
WIND LOADING: 195 MPH GUST (213.6 LBS)

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



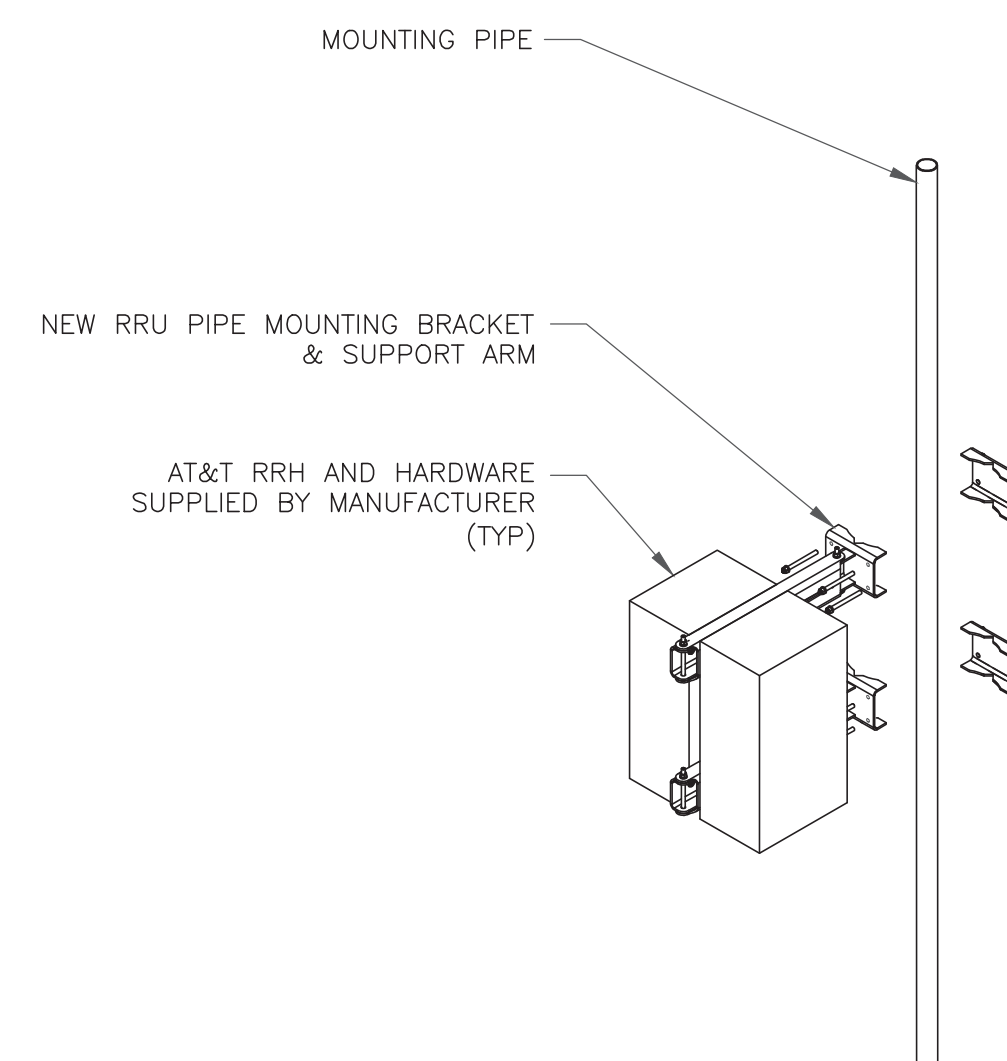
6 SQUID MOUNTING DETAIL
SCALE: NOT TO SCALE



4 ANTENNA MOUNTING DETAIL
SCALE: NOT TO SCALE

INSTALLER NOTES:

1. COMPLY WITH MANUFACTURERS INSTRUCTIONS TO ENSURE THAT ALL RRHs RECEIVE ELECTRICAL POWER WITHIN 24 HOURS OF BEING REMOVED FROM THE MANUFACTURER'S PACKAGING.
2. DO NOT OPEN RRH PACKAGES IN THE RAIN.
3. ALL PIPES, BRACKETS, AND MISCELLANEOUS HARDWARE TO BE GALVANIZED UNLESS NOTED OTHERWISE.
4. RRHs SHALL NOT BE INSTALLED CLOSER THAN 8" TO ANTENNAS.



5 DUAL RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

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ATLANTA, GA 30324-3300

3530 TORINGDON WAY, SUITE 300
CHARLOTTE, NC 28277

1717 S. BOULDER
SUITE 300
TULSA, OK 74119
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BU #: 803934
CT SOMERS FD CAC

400 MAIN STREET
SOMERS, CT 06071

EXISTING
187'-0" MONOPOLE

ISSUED FOR:

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0	5/23/22	LR	CONSTRUCTION	LR

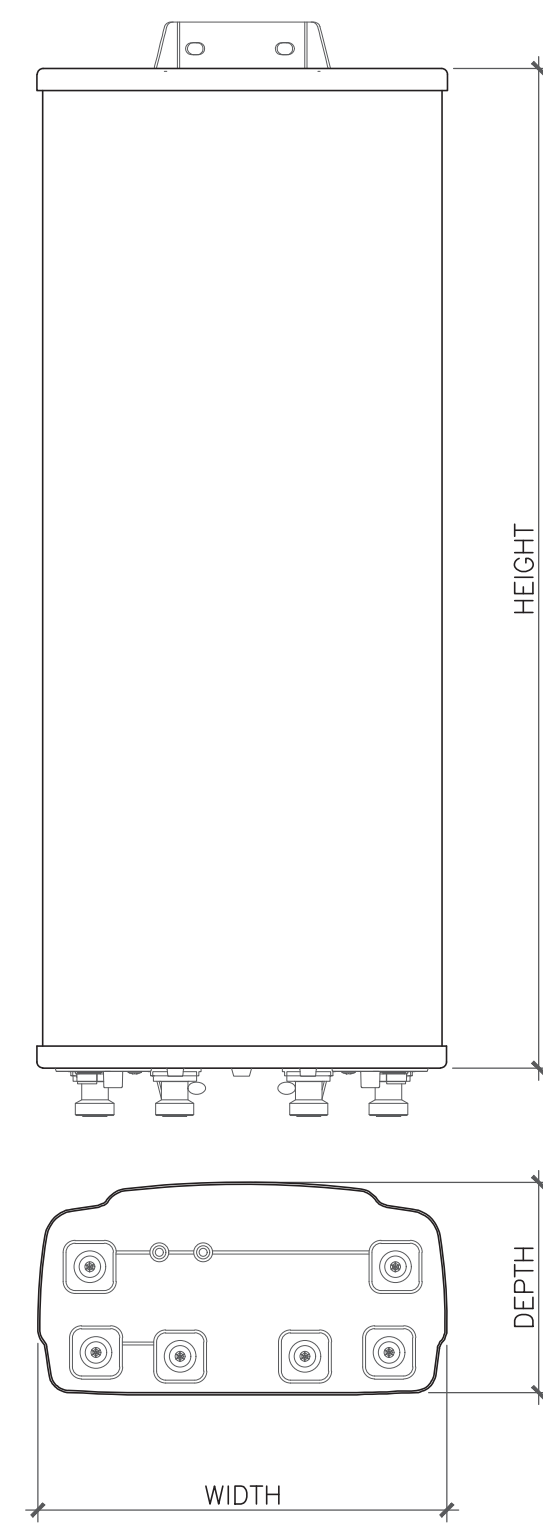


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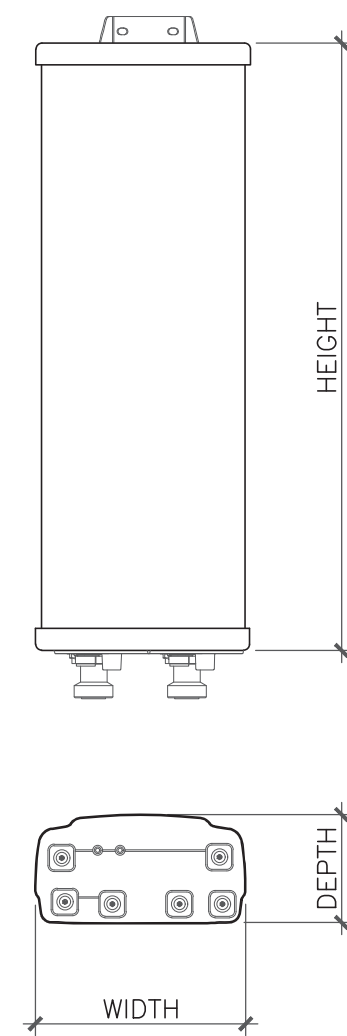
SHEET NUMBER:
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REVISION:
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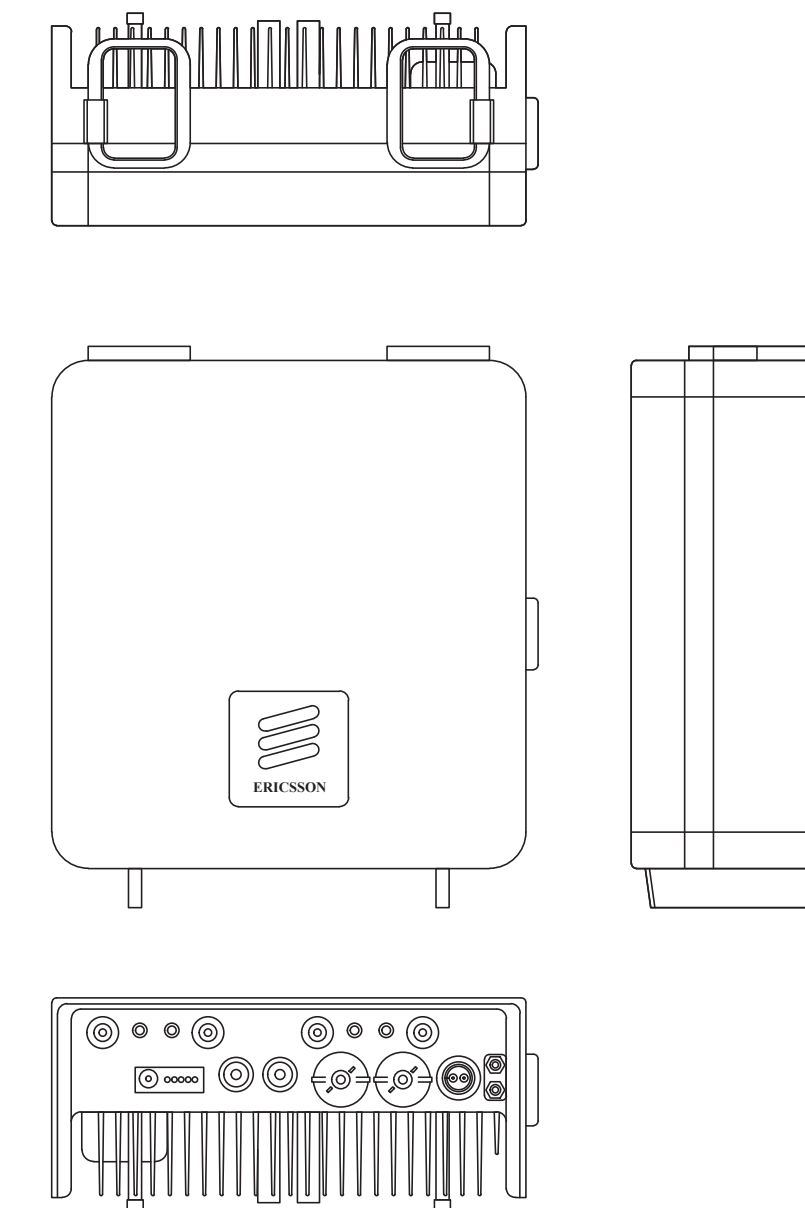
ANTENNA DIMENSIONS (INCHES)				
MODEL	HEIGHT	WIDTH	DEPTH	WEIGHT
QUINTEL – QD8616-7	96"	22.0"	9.6"	150.0 lbs

1 ANTENNA DETAIL
SCALE: NOT TO SCALE



ANTENNA DIMENSIONS (INCHES)				
MODEL	HEIGHT	WIDTH	DEPTH	WEIGHT
ERICSSON – AIR6449 B77D	30.60"	15.87"	8.07"	81.60 lbs
ERICSSON – AIR6419 B77G	27.95"	15.75"	6.68"	66.20 lbs

2 ANTENNA DETAIL
SCALE: NOT TO SCALE



ERICSSON – RADIO 4415
WEIGHT: 60.0 LBS
SIZE (HxWxD): 15.0x13.0x8.0 IN.

3 ERICSSON – RADIO 4415
SCALE: NOT TO SCALE

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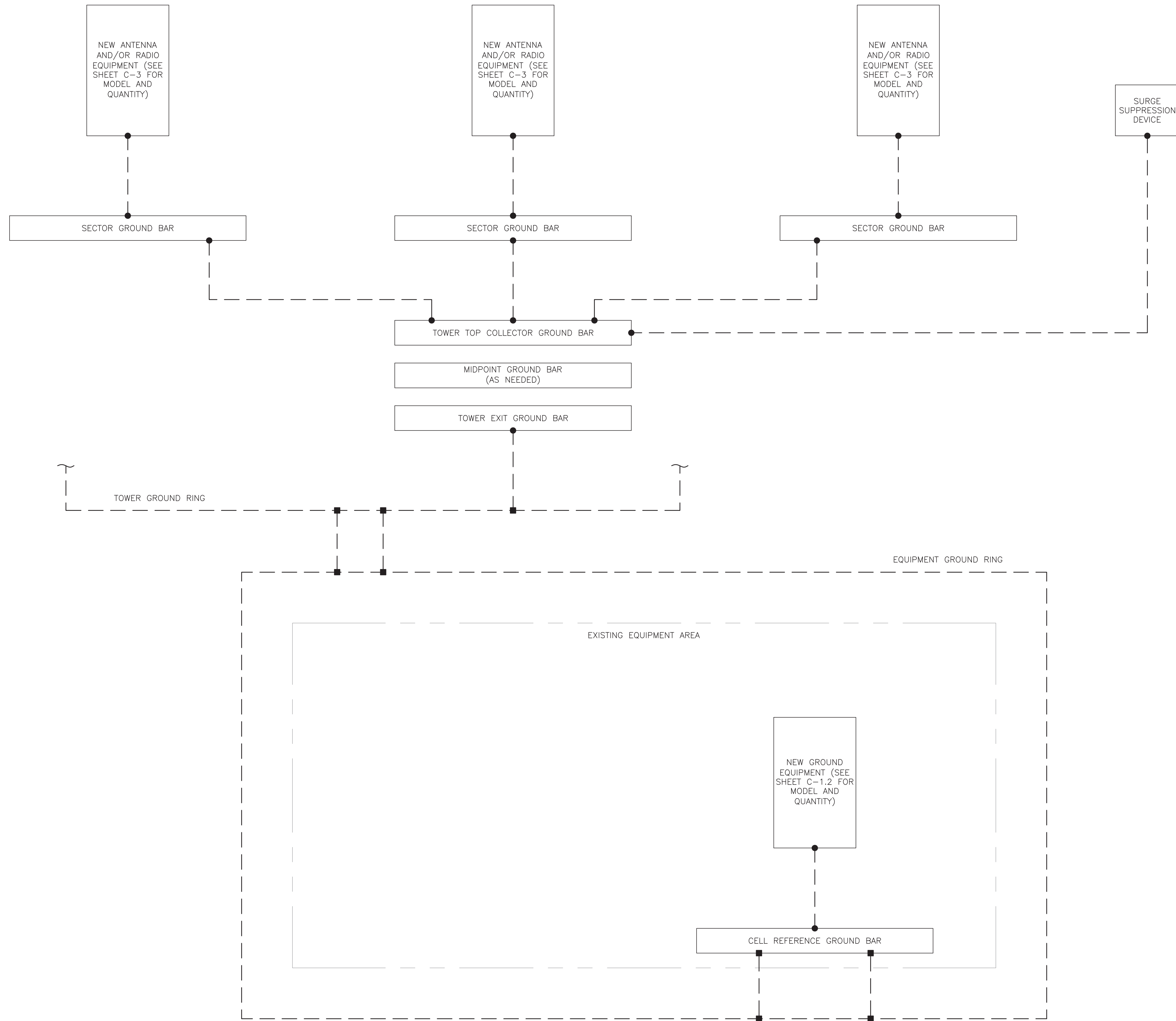
SHEET NUMBER:
C-5

REVISION:
0

4 NOT USED
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE

6 NOT USED
SCALE: NOT TO SCALE



GROUNDING PLAN LEGEND:

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

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

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

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

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

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EXISTING
187'-0" MONOPOLE

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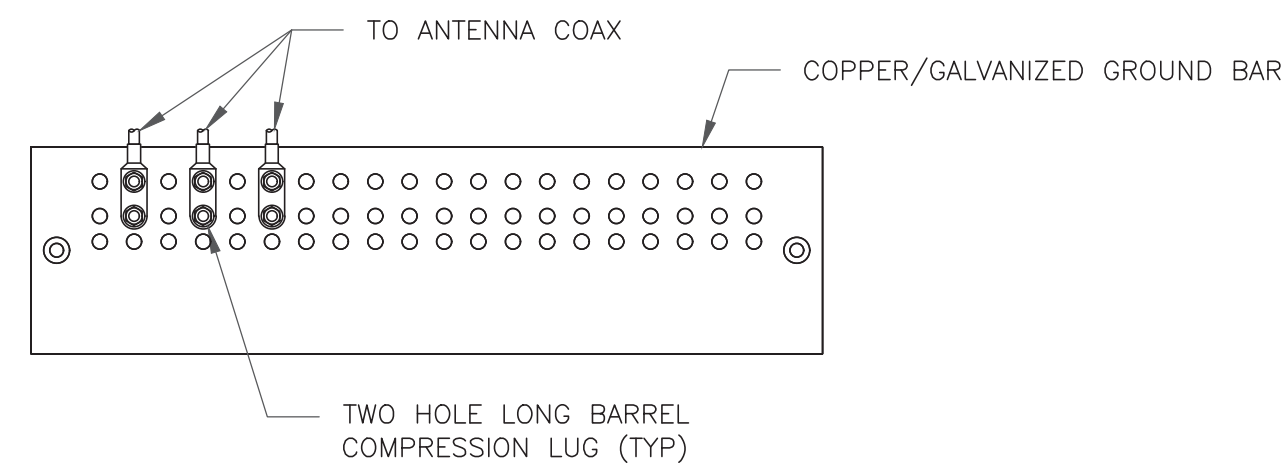
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1 GROUNDING SCHEMATIC
SCALE: NOT TO SCALE

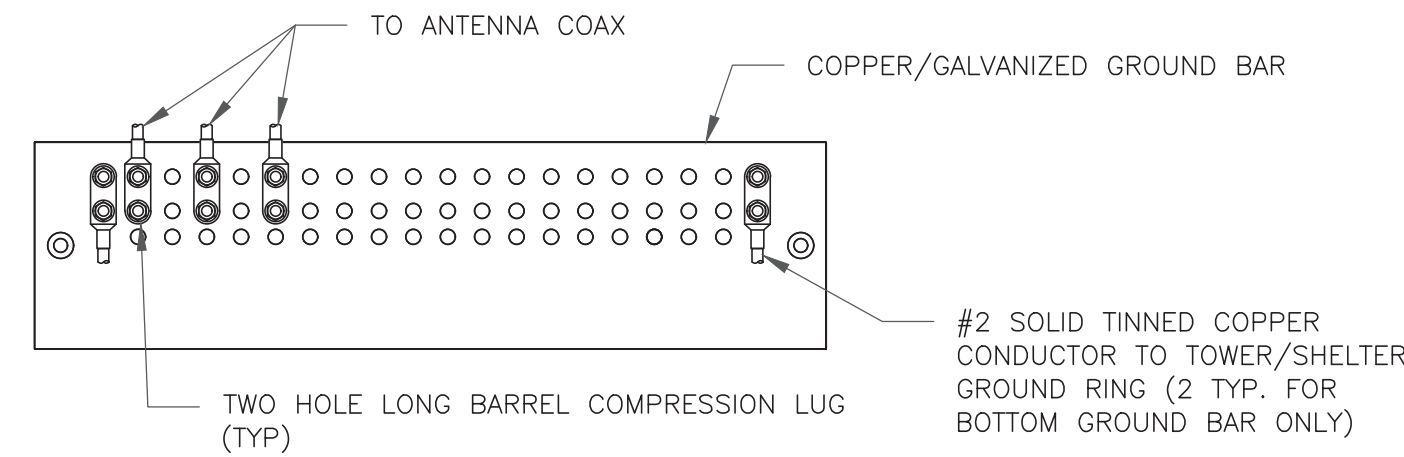
SHEET NUMBER: **G-1** REVISION: **0**



NOTES:

- DOUBLING UP "OR STACKING" OF CONNECTIONS IS NOT PERMITTED.
- EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
- GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO ANTENNA MOUNT STEEL.

1 ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE

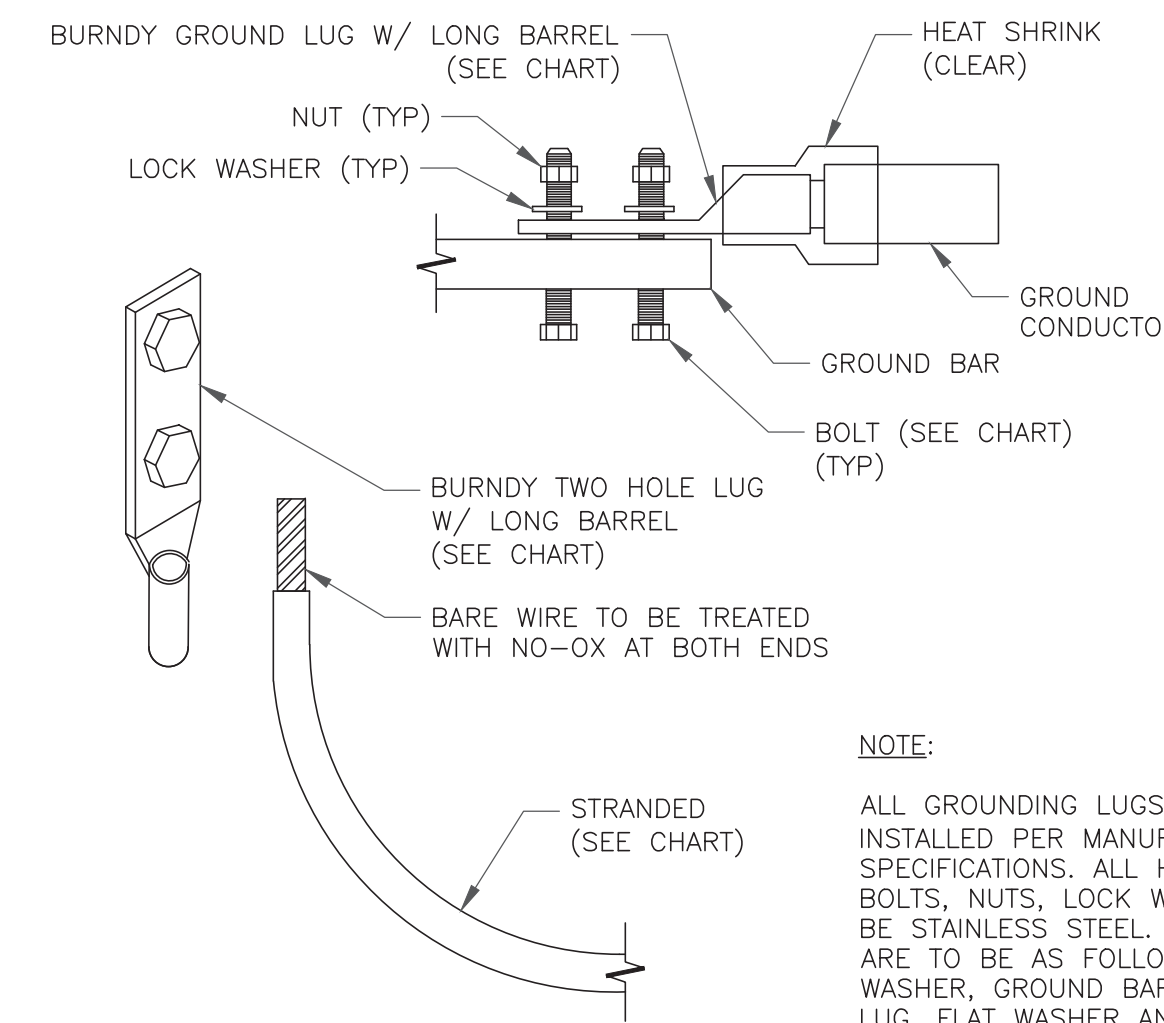


NOTES:

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

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

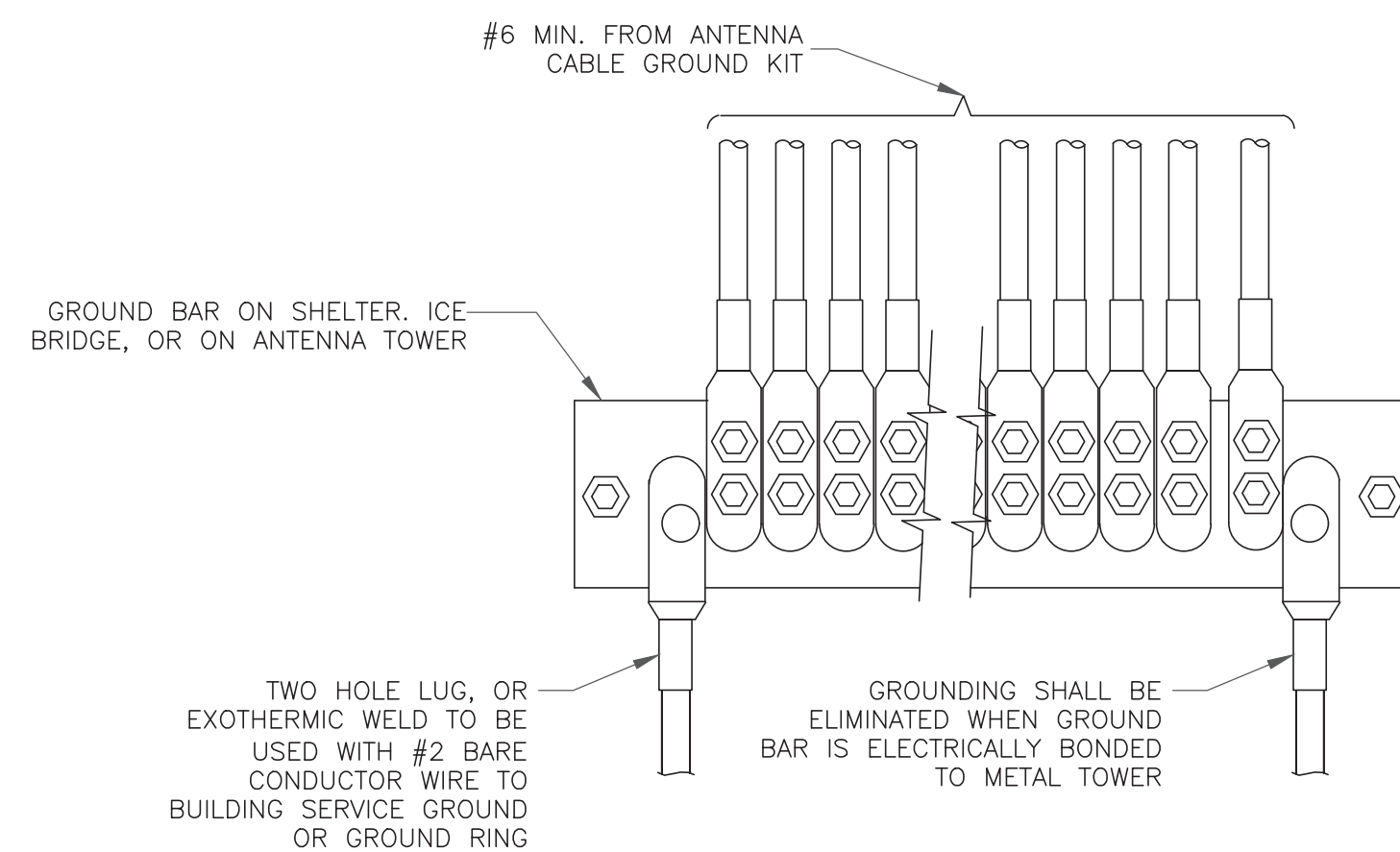
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC SS 2 BOLT
#2 SOLID TINNED	YA3C-2TC38	3/8" - 16 NC SS 2 BOLT
#2 STRANDED	YA2C-2TC38	3/8" - 16 NC SS 2 BOLT
#2/0 STRANDED	YA26-2TC38	3/8" - 16 NC SS 2 BOLT
#4/0 STRANDED	YA28-2N	1/2" - 16 NC SS 2 BOLT



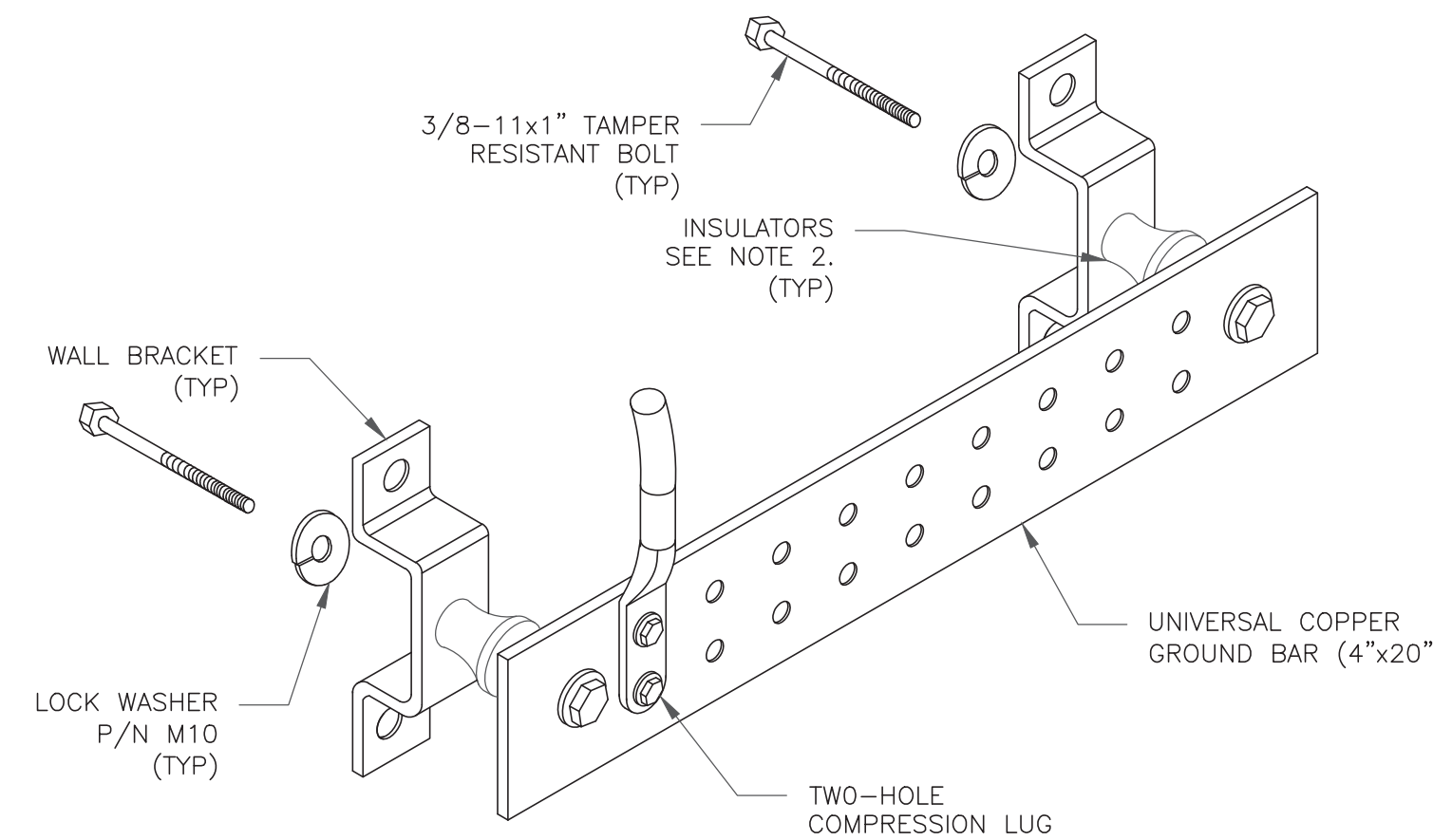
NOTE:

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

3 MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE



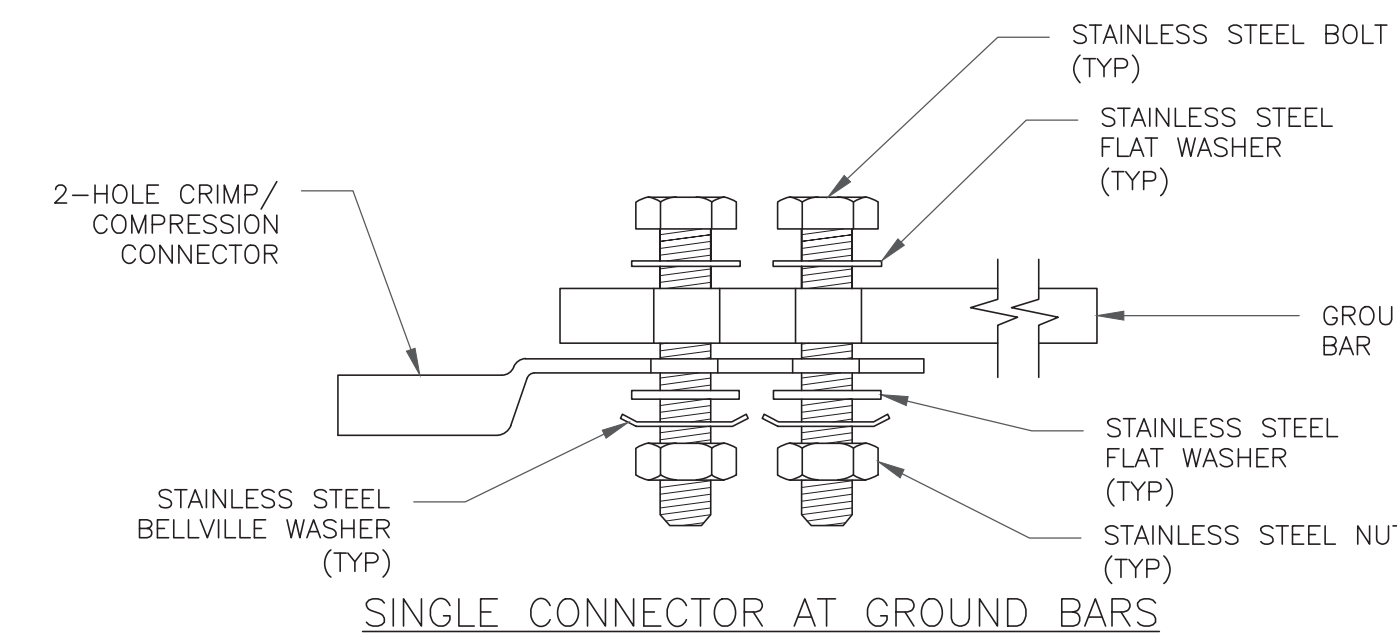
4 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



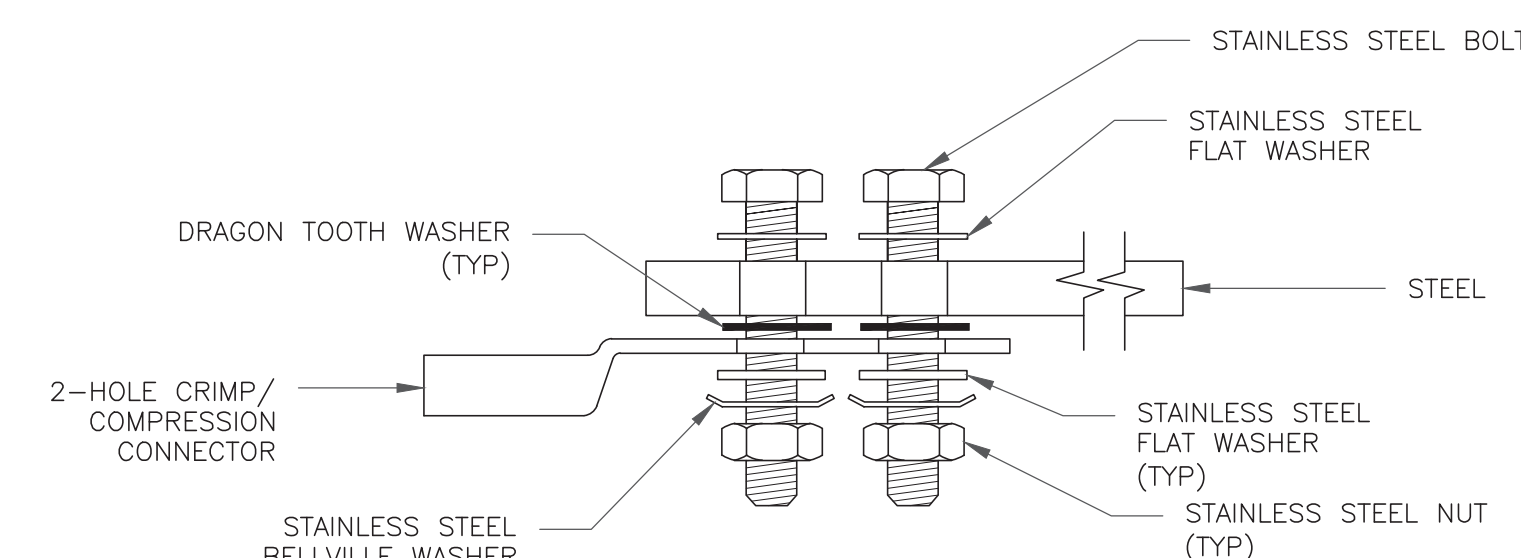
NOTES:

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

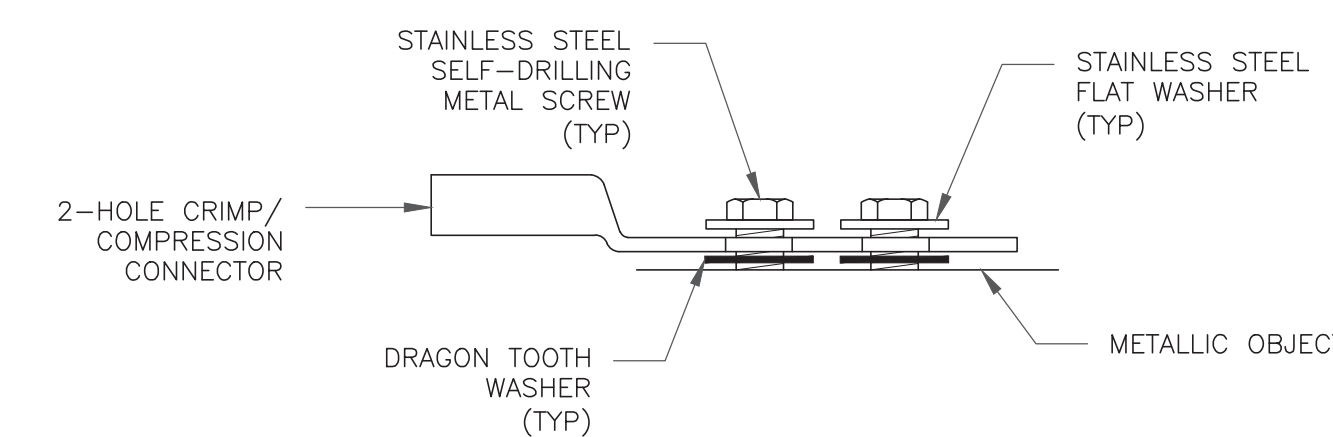
5 GROUND BAR DETAIL
SCALE: NOT TO SCALE



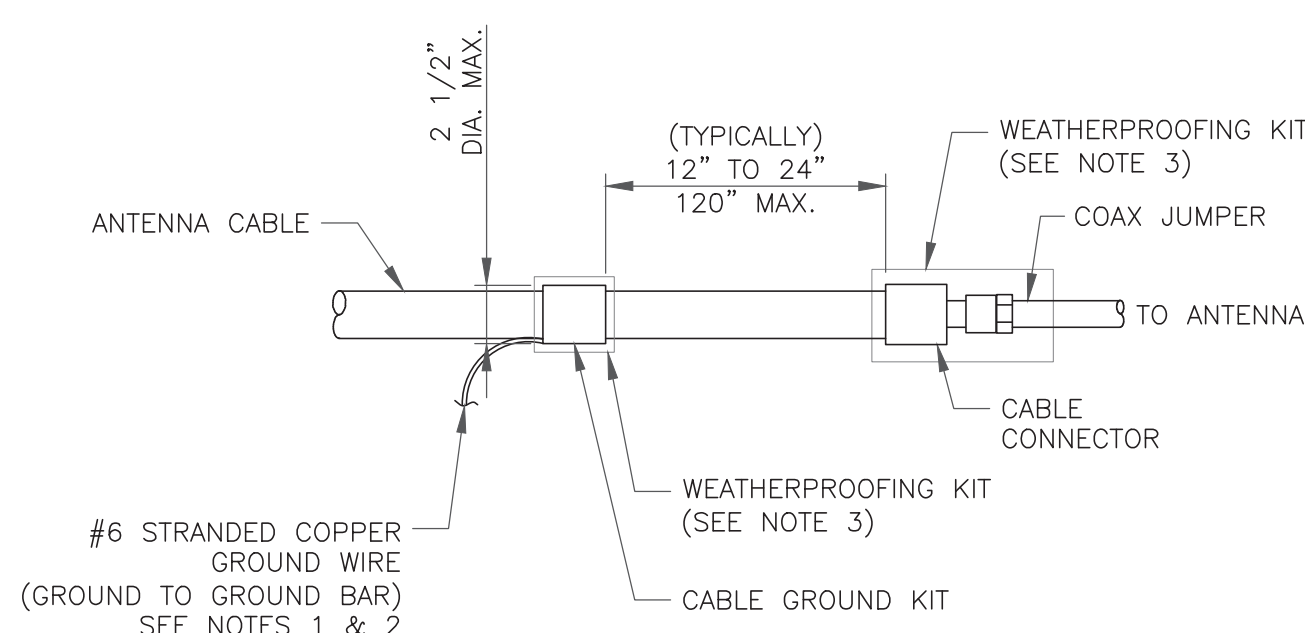
SINGLE CONNECTOR AT GROUND BARS



SINGLE CONNECTOR AT STEEL OBJECTS



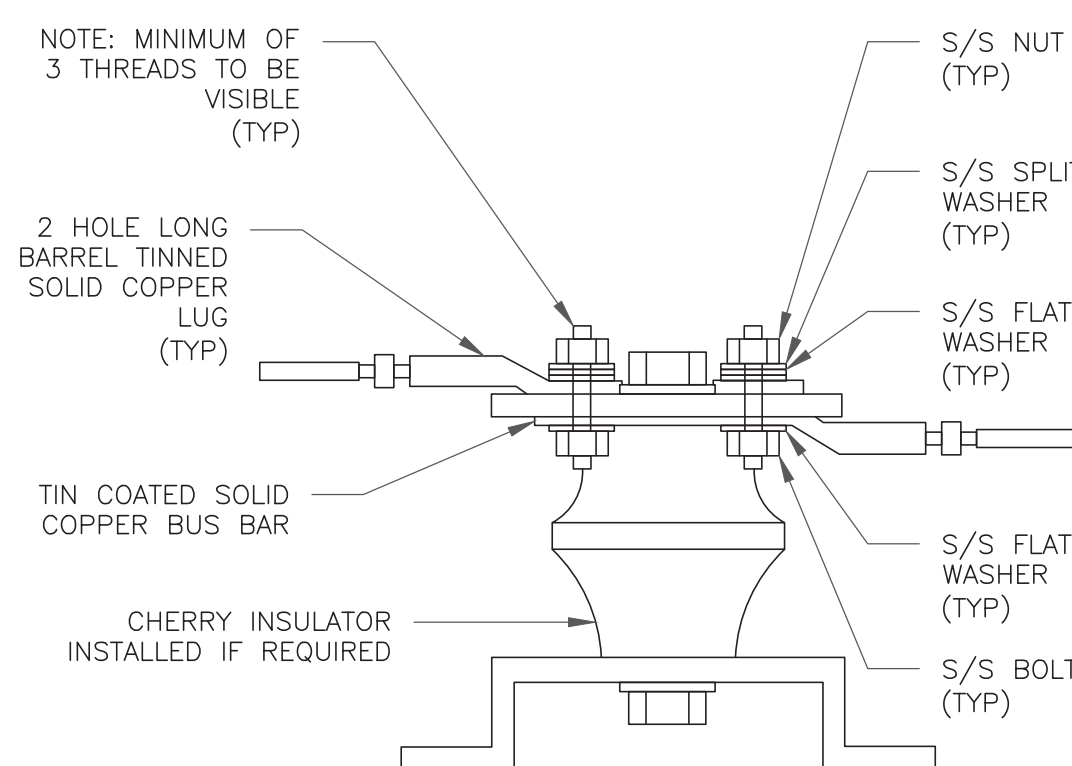
SINGLE CONNECTOR AT METALLIC/STEEL OBJECTS



NOTES:

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

6 CABLE GROUND KIT CONNECTION
SCALE: NOT TO SCALE



7 LUG DETAIL
SCALE: NOT TO SCALE

8 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



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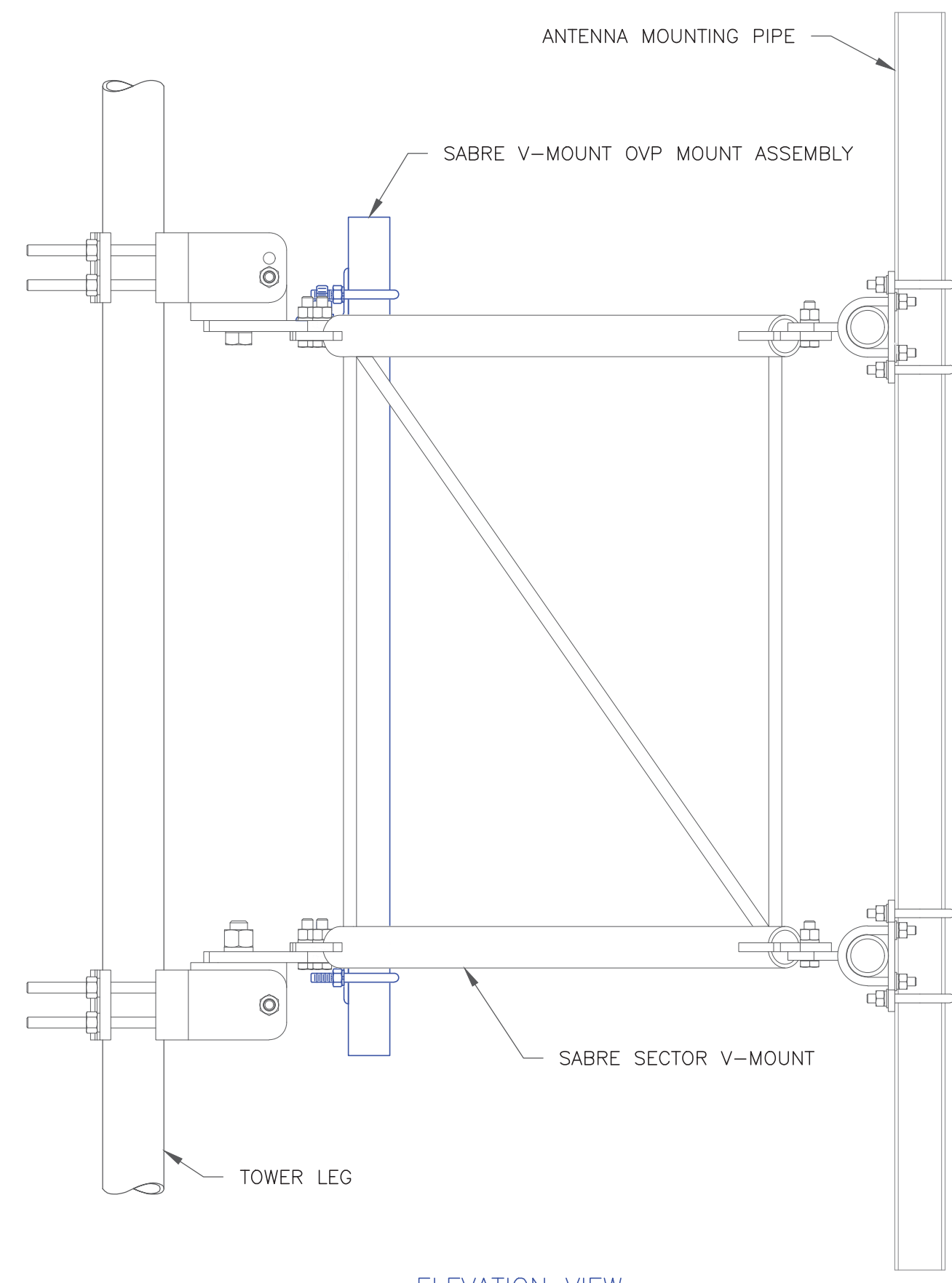
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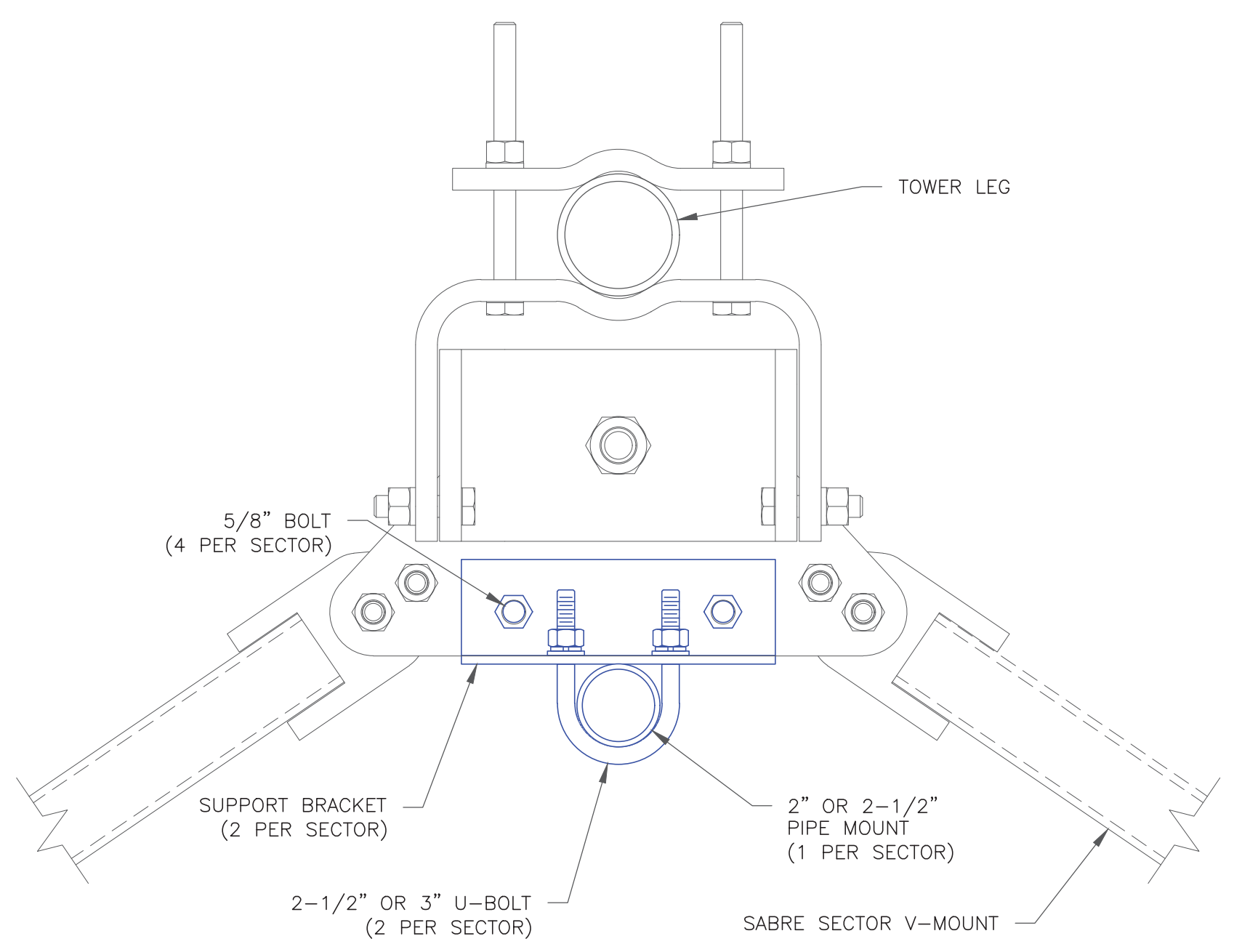
G-2

REVISION:

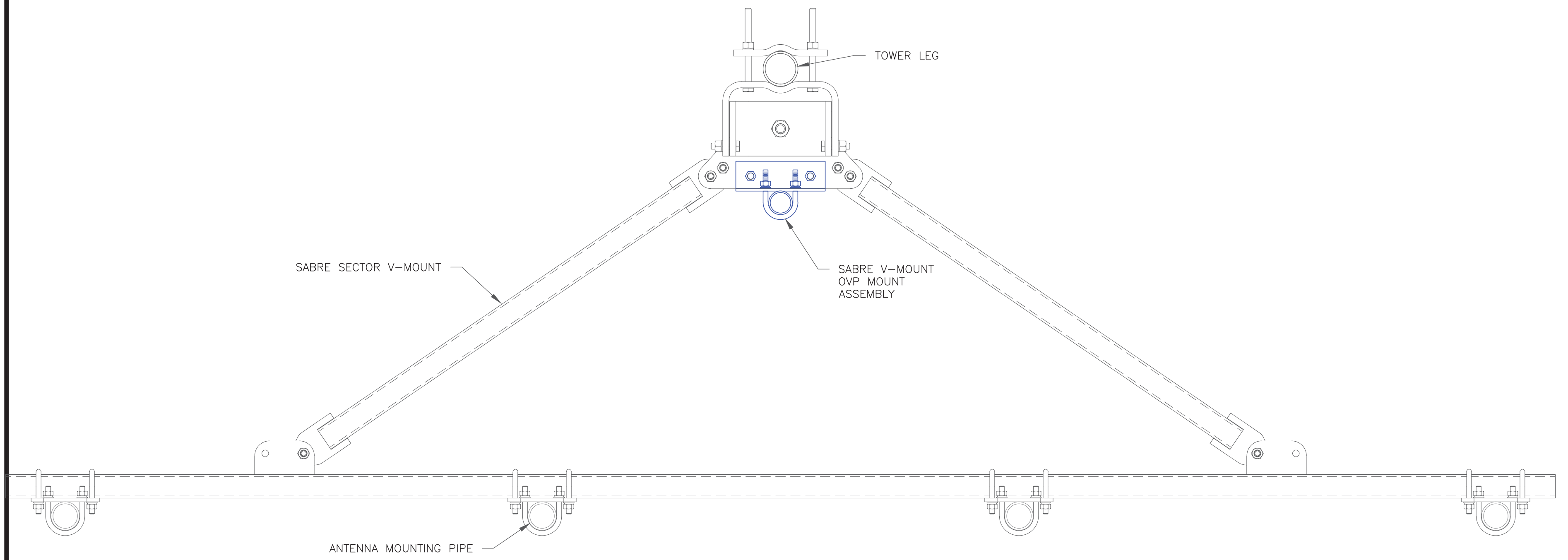
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ELEVATION VIEW

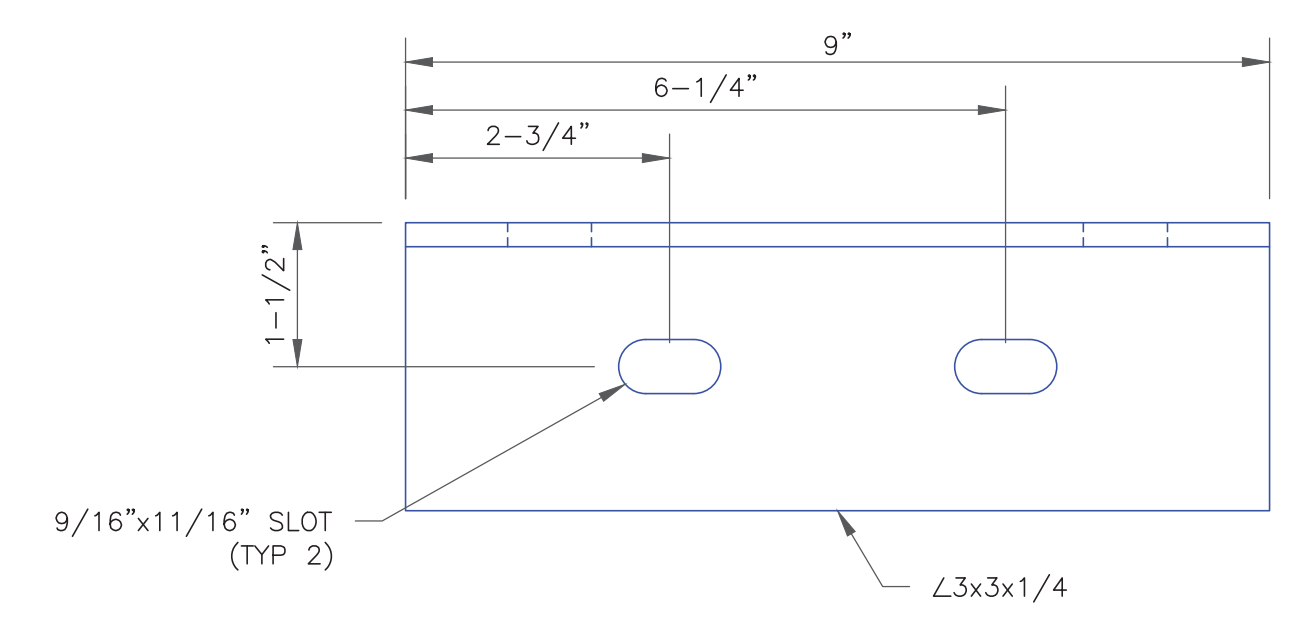


ENLARGED PLAN VIEW

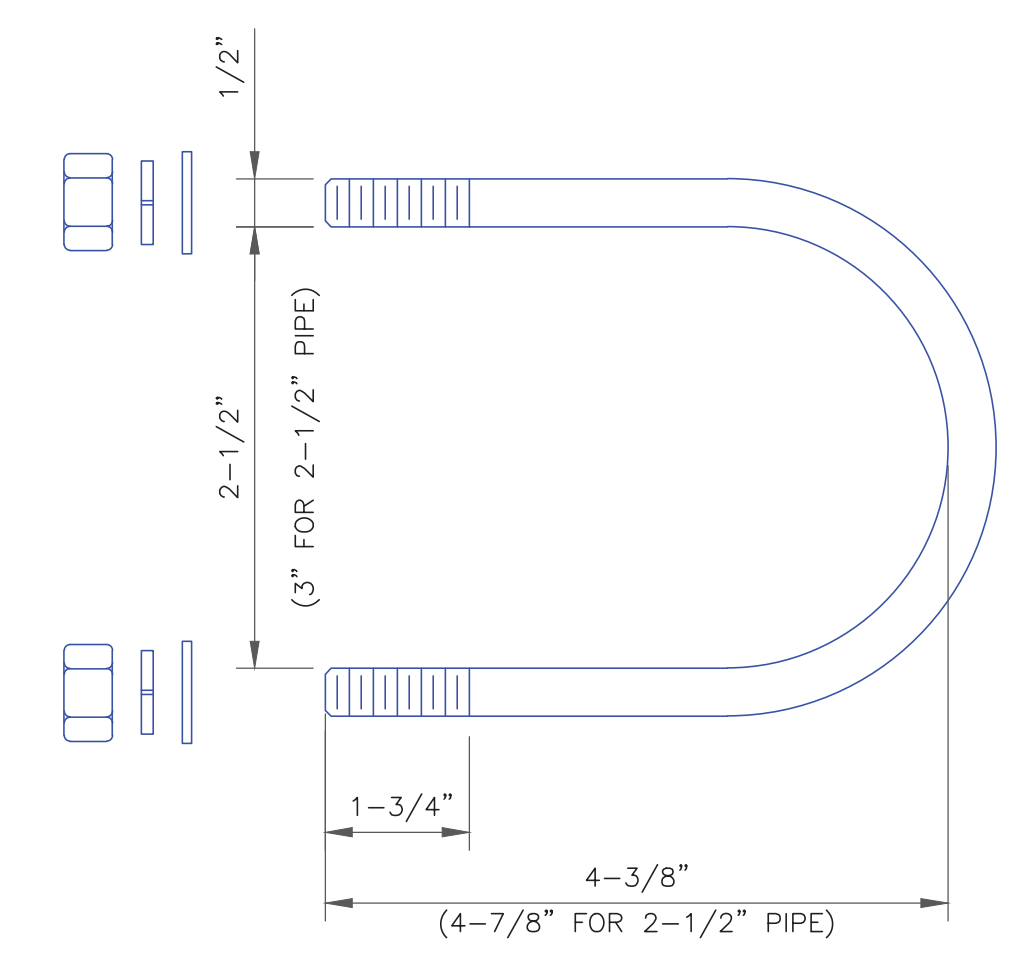
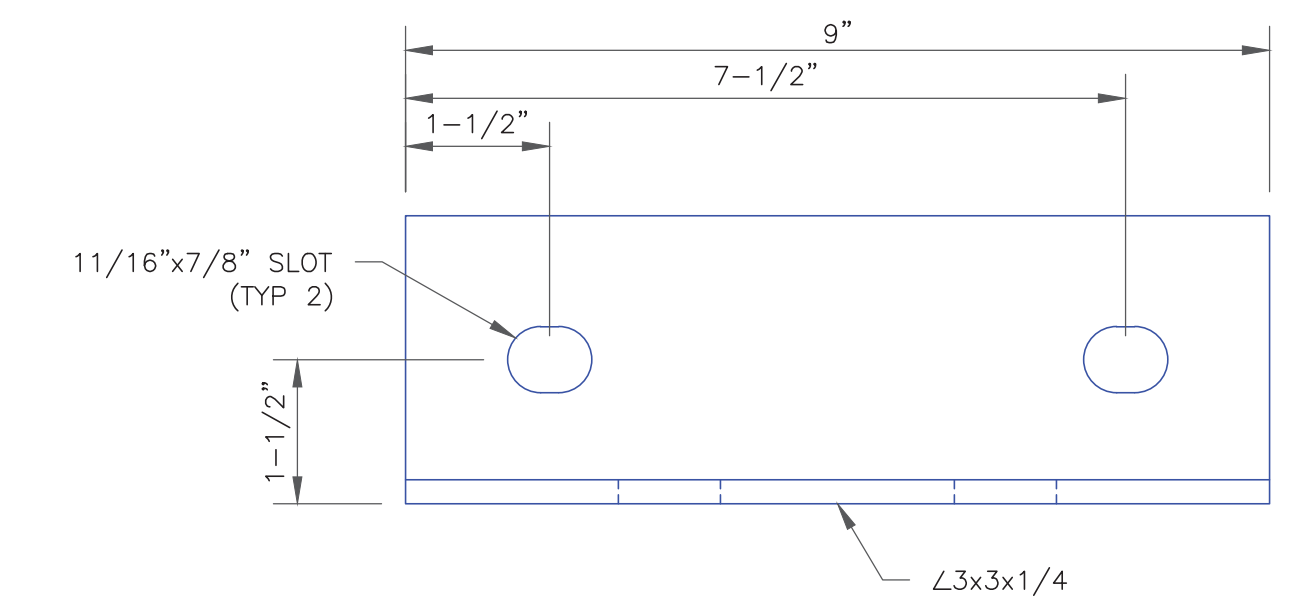


PLAN VIEW

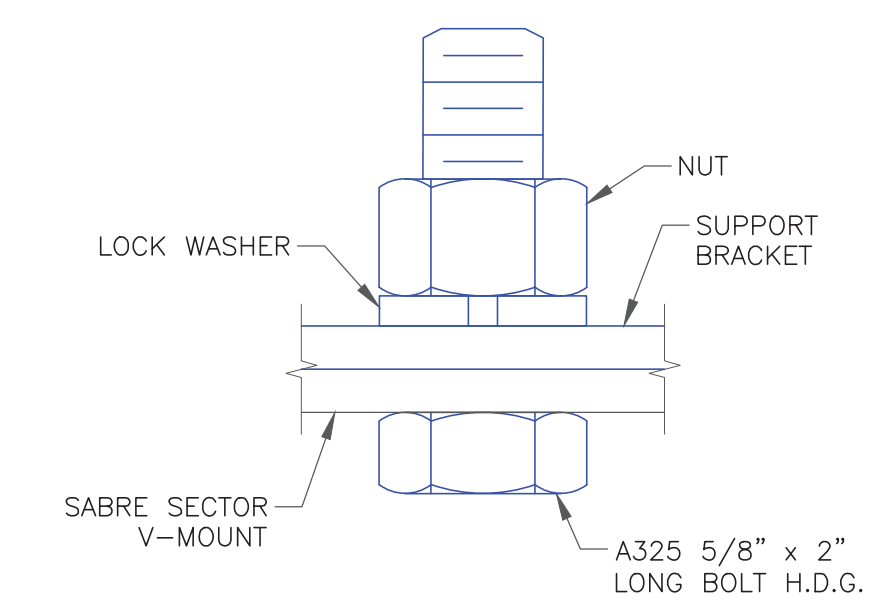
1 SABRE V-MOUNT OVP MOUNT
SCALE: NOT TO SCALE



2 SUPPORT BRACKET
SCALE: NOT TO SCALE



3 OPV PIPE U-BOLT DETAIL
SCALE: NOT TO SCALE



4 BOLT CONNECTION DETAIL
SCALE: NOT TO SCALE

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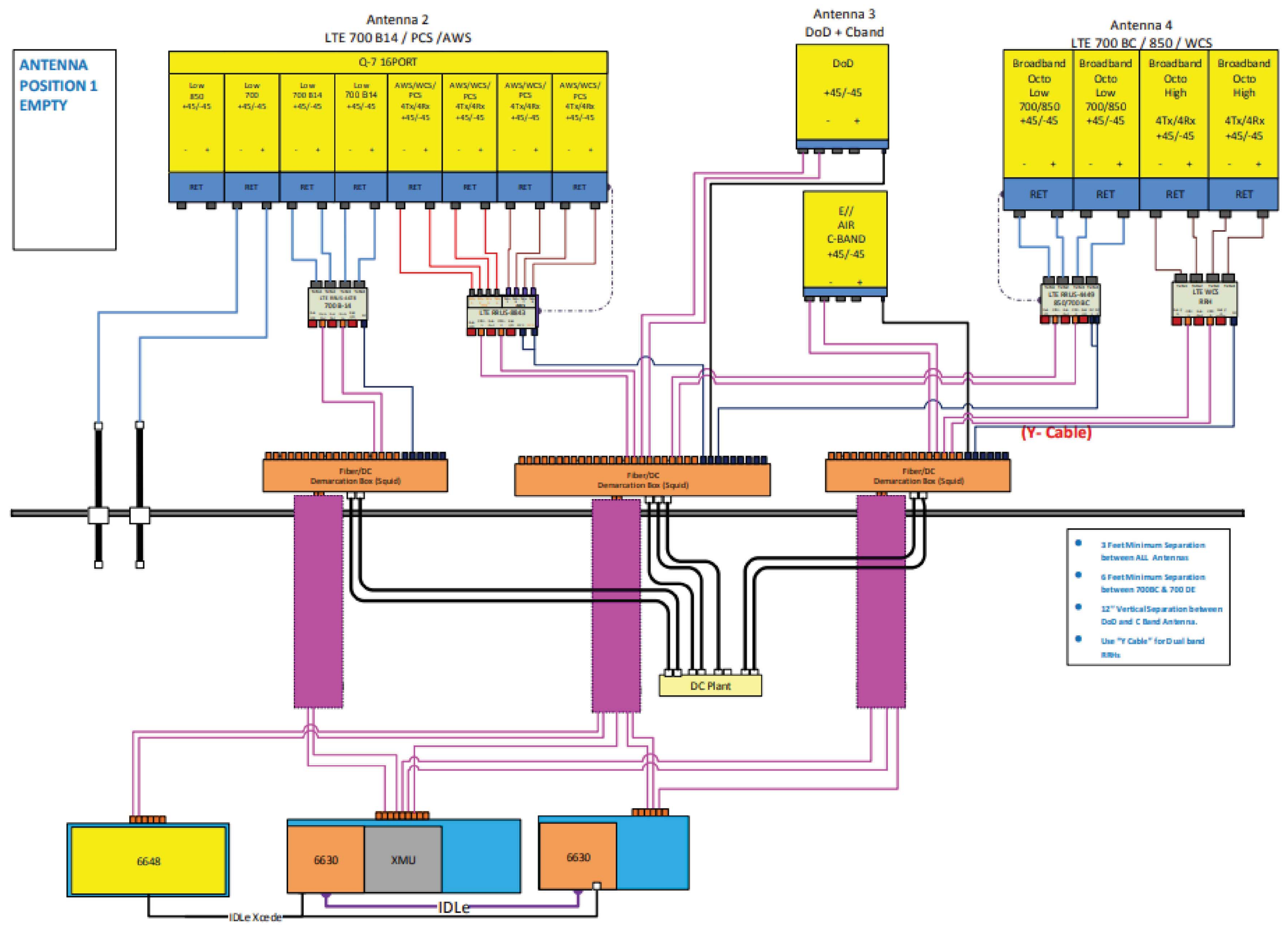
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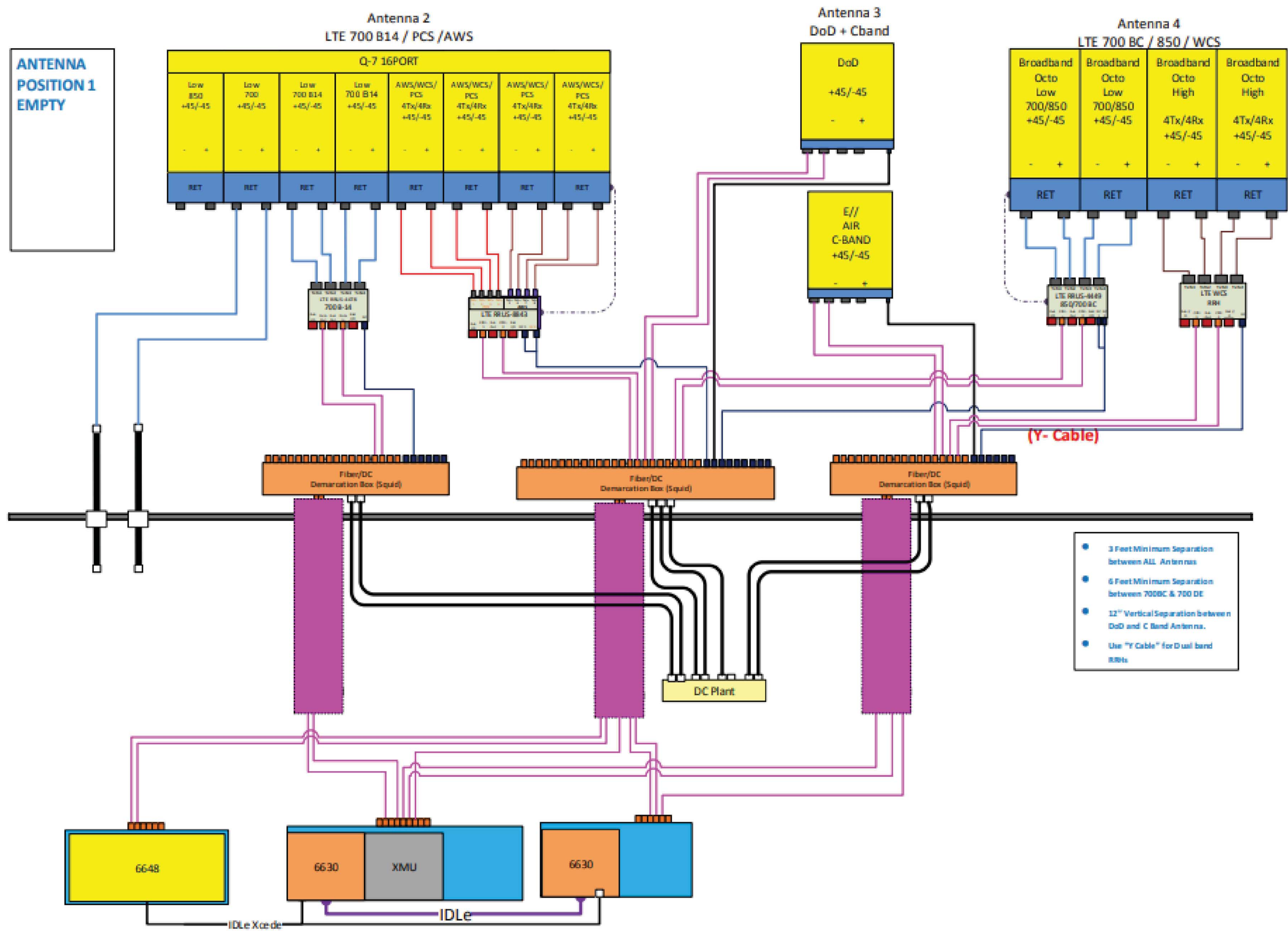


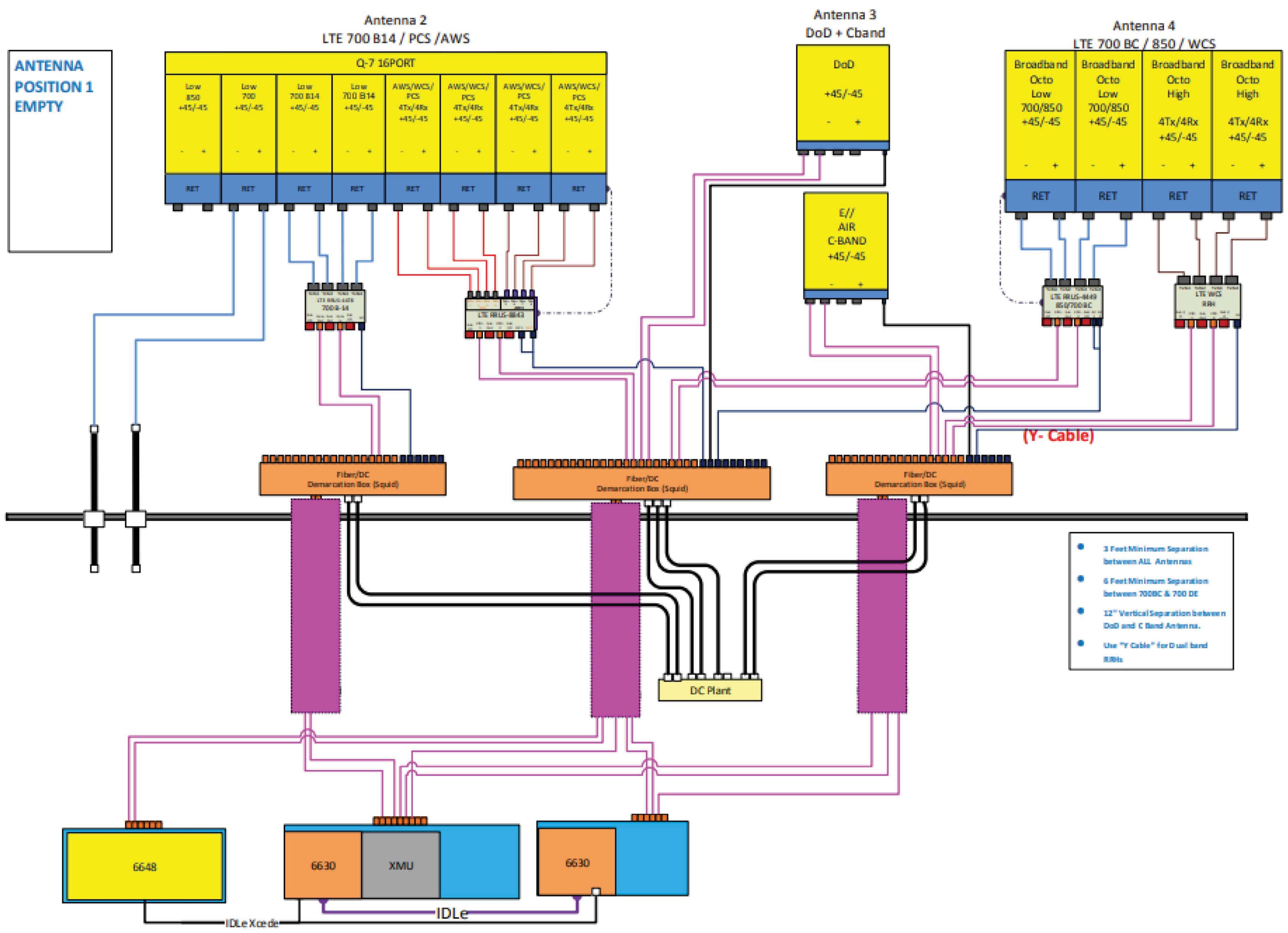
B&T ENGINEERING, INC.
PEC.0001564
Expires 2/10/23

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

SHEET NUMBER: **S-1** REVISION: **0**









SITE:
803934 CT SOMERS FD CAC (10108715)

MODIFICATION DRAWING FOR EXISTING 13' SECTOR FRAMES AT 154' ON A 190' MONOPOLE TOWER

PLANS PREPARED FOR:
CROWN CASTLE

PLANS PREPARED BY:
POD
 POWER OF DESIGN
 1033 E. TURKEYFOOT LAKE RD.
 SUITE 206 AKRON, OHIO 44312
 330-961-7432

CARRIER:
AT&T

DRAWING NOTICE:
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MODIFICATION DRAWING

REV.	DATE	DESCRIPTION

SITE INFORMATION:
CT SOMERS FD CAC (10108715)
 400 MAIN STREET
 SOMERS, CT 06071

SITE NUMBER:
803934

<small>POD NUMBER:</small>	22-125571
<small>DESIGNED BY:</small>	EW
<small>DRAWN BY:</small>	TAJ
<small>CHECKED BY:</small>	JGC
<small>DATE:</small>	04/07/2022

SHEET TITLE:
TITLE SHEET

T-01

SHEET INDEX	
T-01	TITLE SHEET
N-01	NOTES
S-01	PLAN VIEW
S-02	ELEVATION VIEW
MI-01	MODIFICATION CHECKLIST

PROJECT INFORMATION	
<small>COUNTY:</small>	TOLLAND
<small>SITE ADDRESS:</small>	400 MAIN STREET SOMERS, CT 06071
<small>LATITUDE:</small>	41° 59' 1.48"
<small>LONGITUDE:</small>	-72° 27' 56.87"

SCOPE OF WORK:

MOUNT MODIFICATION DRAWINGS INCLUDES:
 INSTALL PROPOSED FACE MEMBER, STABILIZER KITS, & TIEBACK. REPLACE EXISTING MOUNT PIPE CONNECTIONS. RELOCATE EXISTING MOUNT PIPE AS NEEDED.

GENERAL NOTES

- THE MODIFICATIONS REPRESENTED IN THESE DRAWINGS ARE BASED ON THE STRUCTURAL DOCUMENTS PROVIDED IN THE STRUCTURAL DOCUMENTS TABLE. THE CONTRACTOR SHALL OBTAIN AND BECOME FAMILIAR WITH ALL REFERENCED DOCUMENTS.
- ALL MODIFICATIONS MUST BE INSTALLED TO BRING THE TOWER INTO CONFORMANCE WITH ALL APPLICABLE CODES.

GOVERNING CODES	TIA-222-H & 2018 IBC
ULTIMATE WIND SPEED	117 MPH 3 SECOND GUST
RADIAL ICE THICKNESS	1.5"
WIND SPEED W/ ICE	50 MPH 3 SECOND GUST
STRUCTURE CLASS	II
EXPOSURE CATEGORY	C
TOPOGRAPHIC CATEGORY	1
SPECTRAL RESPONSE ACCELERATIONS	SS= 0.174 & S1= 0.055
- ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE OR APPROVED BY THE EOR. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE PERFORMING WORK SIMILAR TO THAT DESCRIBED WITHIN THESE DRAWINGS. BY ACCEPTANCE OF THIS PROJECT, THE CONTRACTOR IS ATTESTING THAT HE HAS SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND REGISTERED TO PERFORM THE WORK IN THE PROJECT JURISDICTION.
- WORK SHALL ONLY BE PERFORMED DURING CALM, DRY DAYS (WINDS LESS THAN 10XMPH). IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE INSTILLATION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION AND/OR MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR TIEXDOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.
- ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATIONS. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND EOR. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE EOR SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES AND PROCEDURES.
- THE DESIGN WITHIN THESE DRAWINGS ASSUMES THE TOWER AND ITS FOUNDATIONS HAVE BEEN WELL MAINTAINED, IN GOOD CONDITION AND ARE WITHOUT DEFECT. BENT MEMBERS, CORRODED MEMBER, LOOSE BOLTS, CRACKED WELDS, AND OTHER STRUCTURAL DEFECTS HAVE NOT BEEN CONSIDERED UNLESS SPECIFICALLY NOTED. THE TOWER IS ASSUMED TO BE PLUMB AND THE SITE IS ASSUMED LEVEL. THE OWNER AND/OR EOR SHALL BE NOTIFIED IMMEDIATELY IF ANY VARIANCES ARE FOUND.
- THE CONTRACTOR SHALL ONLY WORK WITHIN THE LIMITS OF THE TOWER OWNER'S PROPERTY, LEASE AREA OR APPROVED EASEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY WORK IS PERFORMED WITHIN THESE BOUNDARIES. CONSTRUCTION STAKING AND BOUNDARY MARKING IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL EMPLOY A SURVEYOR AS REQUIRED. ANY WORK OUTSIDE THESE BOUNDARIES SHALL BE APPROVED IN WRITING BY THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAIN AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT ALL WORK PERFORMED COMPLIES WITH ALL APPLICATION SAFETY CODES AND GOVERNING REGULATIONS.
- ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULES AND MATERIAL DELIVERIES, WITH THE OWNER/RESIDENT LEASING AGENT FOR APPROVAL.
- THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR THIS PROJECT FROM ALL APPLICABLE GOVERNING AGENCIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
- ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDED BUT NOT LIMITED TO ALTERED SIZED AND/OR STRENGTHS, MUST BE APPROVED BY THE EOR.
- UNLESS NOTED OTHERWISE, ALL NEW MEMBERS SHALL MAINTAIN THE EXISTING MEMBER WORKING LINES AND NOT INTRODUCE ECCENTRICITIES INTO THE STRUCTURE.
- ALL DIMENSIONS AND QUANTITIES LISTED WITHIN THESE DRAWINGS ARE INTENDED TO AID THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY ALL DIMENSION AND QUANTITIES PRIOR TO BIDDING AND/OR ORDERING MATERIALS.
- ALL MANUFACTURERS' INSTRUCTIONS SHALL BE FOLLOWED EXACTLY. ANY DEVIATION REQUIRES WRITTEN APPROVAL FROM THE EOR.
- THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARILY REMOVING COAX, BRACKETS, ANTENNAS MOUNTS AND ANY OTHER TOWER APPURTENANCE THAT MAY INTERFERE WITH THE INSTILLATION OF THE TOWER MODIFICATIONS. ALL TOWER APPURTENANCES MUST BE REPLACE AND/OR RESTORED TO ITS ORIGINAL LOCATION. SOME MOUNTS OR ATTACHMENTS MAY REQUIRE CUSTOM MODIFICATION TO PROPERLY FIT THE MODIFIED REGION OF THE STRUCTURE. THESE CUSTOM MOUNTS OR ATTACHMENTS ARE DESIGNED BY OTHERS AND MUST BE APPROVED BY THE OWNER/EOR PRIOR TO REMOVAL. ANY CARRIER DOWNTIME MUST BE COORDINATED WITH THE OWNER IN WRITING.
- DO NOT SCALE DRAWINGS.

REFERENCE DOCUMENTS

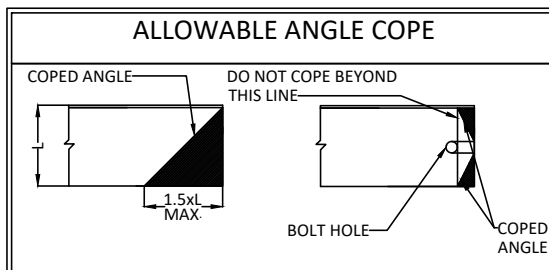
DOCUMENT TYPE	DESIGNATION
MOUNT ANALYSIS	POD PROJECT NUMBER: 22-124726 DATED: 03/24/2022

STRUCTURAL STEEL NOTES

- ALL DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATIONS, LATEST EDITION.
- ALL STRUCTURAL STEEL ELEMENTS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS.

MATERIAL SPECIFICATIONS	
ANGLES	ASTM A36 (36 KSI YIELD STRENGTH)
PIPES	ASTM A53 GR.B (35 KSI YIELD STRENGTH)
BOLTS	ASTM A325N
NUTS	ASTM A563
WASHER	ASTM F436
PLATE	ASTM A36 (36 KSI YIELD STRENGTH)
U-BOLTS	ASTM A307

- ALL CONNECTIONS NOT FULLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE FABRICATOR IN ACCORDANCE WITH AISC SPECIFICATIONS, LATEST EDITION.
- CAULKING SHALL BE PROVIDED AROUND PERIMETER OF ANY AND ALL MODIFICATION MEMBERS TO ENSURE COMPLETE SEAL BETWEEN EXISTING STRUCTURE AND REINFORCING MEMBERS IN FULL CONTACT WITH EXISTING STEEL. SEALANT IS TO BE EXTERIOR GRADE, PAINTABLE SILICONE CAULKING AS MANUFACTURED BY DOW AND ACCEPTABLE TO EOR.
- Holes shall not be flame cut through steel unless approved by the EOR.
- ALL EXPOSED STEEL SHALL BE HOTXDIPPED GALVANIZED PER ASTM A123, ASTM A153/A153M, OR ASTM A653 G90, AS APPLICABLE FOR FULL WEATHER PROTECTION. FOR HIGH STRENGTH STEEL FASTENERS WHERE HOTXDIPPED GALVANIZING IS NOT PERMITTED DACROMET F1136 GRADE 3 COATING SHALL BE USED. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING TOWER STEEL. CONTRACTOR SHALL OBTAIN EOR APPROVAL FOR STEEL PROTECTION BY ANY OTHER MEANS.
- REPAIR DAMAGED PAINTED/GALVANIZED SURFACES WITH TWO COATS OF BRUSH OR ROLL ON ZRC COLD GALVANIZING COMPOUND OR EOR APPROVED COATING. SURFACES MUST BE WIRE BRUSHED AND SOLVENT CLEANED PRIOR TO APPLICATION OF GALVANIZING COMPOUND.
- ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES (LOCKING NUT/PAL NUT) TO BE INSTALLED IN ACCORDANCE WITH TIA/EIAX222 REQUIREMENTS.
- ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT BE AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.



- ALL DIMENSIONS REPRESENTED IN THE ABOVE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
- THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENT.

BOLT SCHEDULE				
BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	SPACING
1/2	9/16	9/16x11/16	7/8	1-1/2
5/8	11/16	11/16x7/8	1-1/8	1-7/8
3/4	13/16	13/16x1	1-1/4	2-1/4
7/8	15/16	15/16x1-1/8	1-1/2	2-5/8
1	1-1/16	1-1/16x1-5/16	1-3/4	3

WORKABLE GAGES			
LEG	2-1/2	----	----
G	1-3/8	----	----



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MODIFICATION DRAWING

REV.	DATE	DESCRIPTION

SITE INFORMATION:
CT SOMERS FD CAC (10108715)
400 MAIN STREET
SOMERS, CT 06071

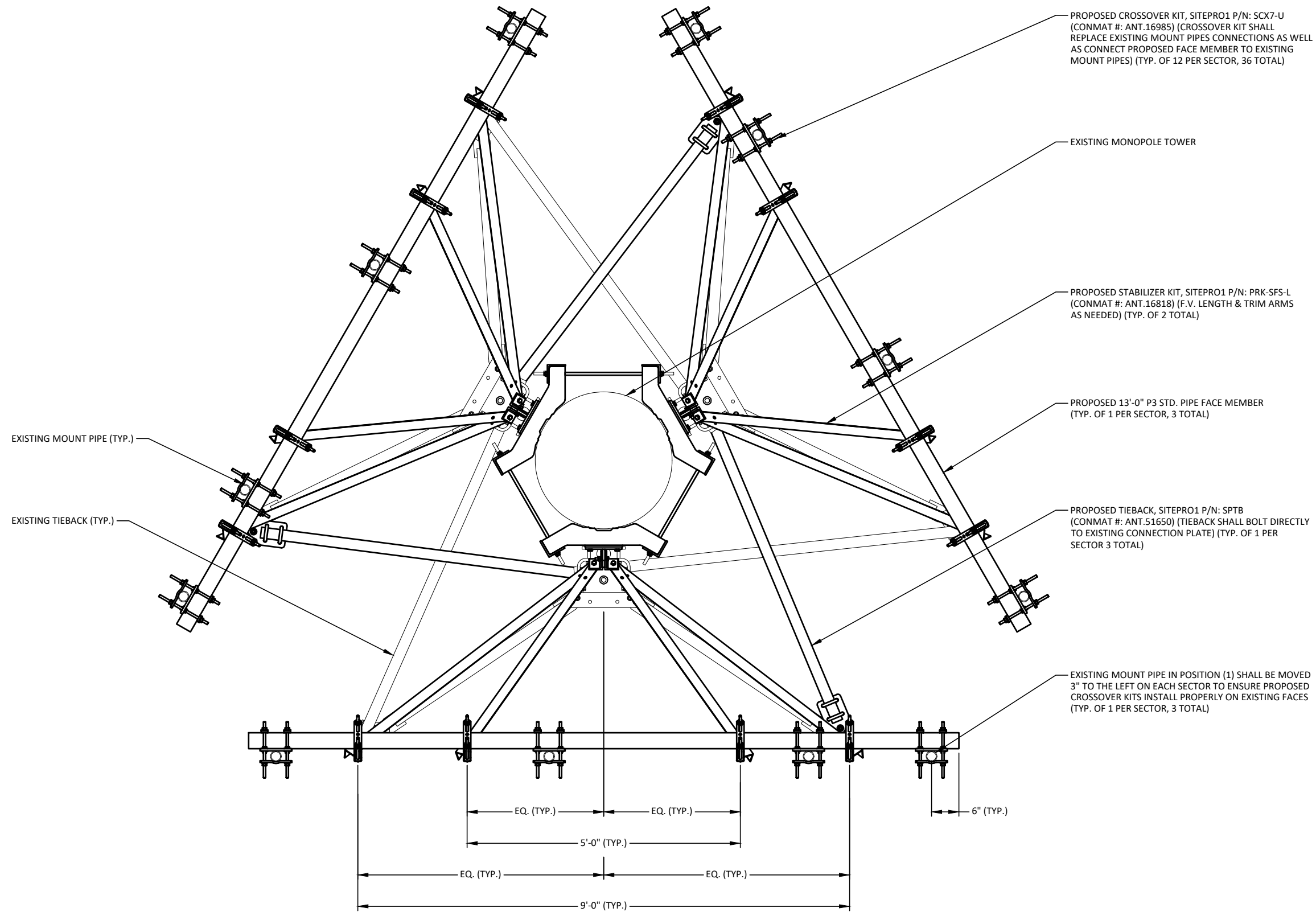
SITE NUMBER:
803934

POD NUMBER: 22-125571
DESIGNED BY: EW
DRAWN BY: TAJ
CHECKED BY: JGC
DATE: 04/07/2022

SHEET TITLE:
NOTES
N-01

NOTES:

- ANTENNAE NOT SHOWN FOR CLARITY
- TIE-BACK IS CONNECTED ON THE TOWER AT THE SAME LEVEL IT IS CONNECTED TO THE MOUNT
- TIE-BACKS CAN BE OFFSET 3"± EITHER DIRECTION TO ALLOW FOR FITTING
- ALL FIELD DRILLED HOLES SHALL BE SOLVENT CLEANED AND TOUCHED UP WITH TWO COATS OF ZRC RICH PAINT
- EXCESS MATERIALS SHALL BE REMOVED AND DISPOSED OFF SITE BY THE CONTRACTOR



PLAN VIEW

1/2" = 1'-0"

PLANS PREPARED FOR:



PLANS PREPARED BY:



1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:



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**CT SOMERS FD CAC
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400 MAIN STREET
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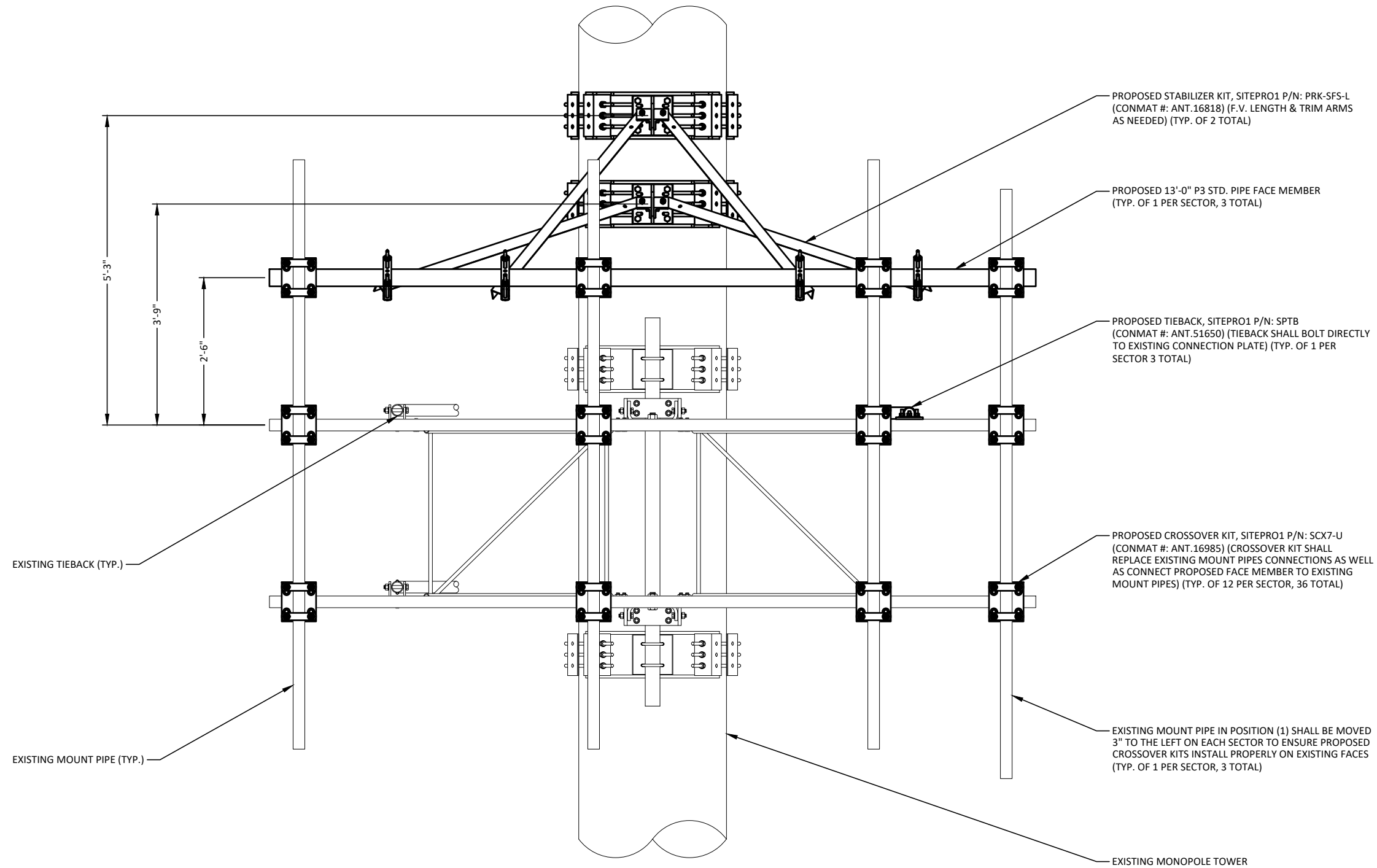
SHEET TITLE:

PLAN VIEW

S-01

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- EXCESS MATERIALS SHALL BE REMOVED AND DISPOSED OFF SITE BY THE CONTRACTOR



ELEVATION VIEW
1/2" = 1'-0"

PLANS PREPARED FOR:



PLANS PREPARED BY:



1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:



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(10108715)

400 MAIN STREET
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SITE NUMBER:

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DESIGNED BY:	EW
DRAWN BY:	TAJ
CHECKED BY:	JGC
DATE:	04/07/2022

SHEET TITLE:

ELEVATION VIEW

S-02

MODIFICATION INSPECTION CHECKLIST					
BEFORE CONSTRUCTION		DURING CONSTRUCTION		AFTER CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTION AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM	CONSTRUCTION/INSTALLATION INSPECTION AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM	CONSTRUCTION/INSTALLATION INSPECTION AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
X	MODIFICATION INSPECTION CHECKLIST DWG	X	CONSTRUCTION INSPECTION (AS REQUIRED BY CROWN)	X	MODIFICATION INSPECTOR REDLINE OR RECORD DRAWING(S)
-	ENGINEER OF RECORD APPROVED SHOP DRAWINGS	-	FOUNDATION INSPECTION	-	POST INSTALLED ANCHOR ROD PULL-OUT TESTING
-	FABRICATION INSPECTION	-	CONCRETE COMP. STRENGTH AND SLUMP TEST	X	PHOTOGRAPHS
X	MATERIAL TEST REPORT	-	POST INSTALLED ANCHOR ROD VERIFICATION	ADDITIONAL TESTING AND INSPECTION	
-	FABRICATOR NDE INSPECTION	-	BASE PLATE GROUT VERIFICATION		
-	NDE REPORT OF MONOPOLE BASEPLATE (AS REQUIRED)	-	THIRD PARTY CERTIFIED WELD INSPECTION		
X	PACKING SLIP	-	EARTHWORK LIFT AND DENSITY (REPORT REQUIRED)		
ADDITIONAL TESTING AND INSPECTION		X	ON SITE COLD GALVANIZING VERIFICATION		
		-	GUY WIRE TENSION REPORT		
		X	GC AS-BUILT DOCUMENTS		
		ADDITIONAL TESTING AND INSPECTION (AS REQUIRED BY CROWN)			

MODIFICATION INSPECTION NOTES:

GENERAL:

- THE MODIFICATION INSPECTION IS A VISUAL INSPECTION OF TOWER MODIFICATION AND A REVIEW OF CONSTRUCTION INSPECTION AND OTHER REPORTS TO ENSURE THE INSTALLATION WAS CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. NAMELY THE MODIFICATION DRAWINGS, AS DESIGNED BY THE ENGINEER OF RECORD.
- THE MODIFICATION INSPECTION IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AN IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF. NOR DOES THE MODIFICATION INSPECTOR TAKE OWNERSHIP OF THE MODIFICATION DESIGN. OWNERSHIP OF THE STRUCTURAL MODIFICATION DESIGN EFFECTIVENESS AND INTENT RESIDES WITH THE ENGINEER OF RECORD AT ALL TIMES.
- TO ENSURE THAT THE REQUIREMENT OF THE MODIFICATION INSPECTION ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MODIFICATION INSPECTOR BEGIN COMMUNICATION AND COORDINATING AS SOON AS A PO OR PAYMENT IS RECEIVED. IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY.

MODIFICATION INSPECTOR:

- THE MODIFICATION INSPECTOR IS REQUIRED TO CONTACT THE GC AS SOON AS RECEIVING A PO OR PAYMENT FOR THE MODIFICATION INSPECTION TO:
 - REVIEW THE REQUIREMENT OF THE MODIFICATION INSPECTION CHECKLIST
 - WORK WITH THE GC TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE INSPECTIONS
 - DISCUSS ANY SITE SPECIFIC INSPECTIONS OR CONCERNS
- THE MODIFICATION INSPECTOR IS RESPONSIBLE FOR COLLECTING ALL GENERAL CONTRACTOR (GC) INSPECTION AND TEST REPORTS. REVIEWING THE DOCUMENTS FOR ADHERENCE TO THE CONTRACT DOCUMENTS, CONDUCTING THE INXFIELD INSPECTIONS, AND SUBMITTING THE MODIFICATION INSPECTION REPORT.

GENERAL CONTRACTOR:

- THE GC IS REQUIRED TO CONTACT THE MODIFICATION INSPECTOR AS SOON AS RECEIVING A PO OR PAYMENT FOR THE MODIFICATION INSTALLATION OR TURNKEY PROJECT TO:

- REVIEW THE REQUIREMENT OF THE MODIFICATION INSPECTION CHECKLIST
 - WORK WITH THE MI INSPECTOR TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE MODIFICATION INSPECTIONS, INCLUDING FOUNDATION INSPECTIONS
 - BETTER UNDERSTAND ALL INSPECTION AND TESTING REQUIREMENTS
- THE GC SHALL PERFORM AND RECORD THE TEST AND INSPECTION RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE MODIFICATION INSPECTION CHECKLIST.

RECOMMENDATIONS:

- IT IS SUGGESTED THAT THE GC PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE, TO THE MODIFICATION INSPECTOR AS TO WHEN THE SITE WILL BE READY FOR HE MODIFICATION INSPECTION TO BE CONDUCTED.
- THE GC AND MODIFICATION INSPECTION COORDINATE CLOSELY THROUGHOUT THE ENTIRE PROJECT.
 - WHEN POSSIBLE IT IS PREFERRED TO HAVE THE MODIFICATION INSPECTOR AND GC ON-SITE SIMULTANEOUSLY FOR ANY GUY WIRE TENSIONING OR REXTENSIONING OPERATIONS.
 - IT MAY BE BENEFICIAL TO INSTALL ALL TOWER MODIFICATIONS PRIOR TO CONDUCTING THE FOUNDATION INSPECTION TO ALLOW FOUNDATION AND MODIFICATION INSPECTION(S) DONE IN ONE SITE VISIT.
 - WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MODIFICATION INSPECTOR ON-SITE DURING THE MODIFICATION INSPECTION. THEREFORE, THE GC MAY CHOOSE TO COORDINATE THE MODIFICATION INSPECTION CAREFULLY TO ENSURE ALL CONSTRUCTION FACILITIES AT THEIR DISPOSAL WHEN THE MI INSPECTOR IS ON SITE.

CANCELLATION OR DELAYS IN SCHEDULED MODIFICATION INSPECTION:

- IF THE GC AND MODIFICATION INSPECTOR AGREE TO A DATE ON WHICH THE MODIFICATION INSPECTION WILL BE CONDUCTED, AND EITHER ARTY CANCELS OR DELAYS, THE TOWER OWNER SHALL NOT BE RESPONSIBLE FOR ANY COSTS, FEES, LOSS OR DEPOSITS AND/OR OTHER PENALTIES RELATE TO THE CANCELLATION OR DELAY INCURRED BY EITHER PARTY FOR ANY TIME. EXCEPTIONS MAY BE MADE IN THE DELAY/ CANCELLATION IS CAUSED BY WEATHER OR OTHER CONDITIONS THAT MAY COMPROMISE THE SAFETY OF THE PARTIES INVOLVED.

CORRECTION OF FAILING MODIFICATION INSPECTION:

- IF THE MODIFICATION INSTALLATION WOULD FAIL THE MODIFICATION

INSPECTION ("FAILED MODIFICATION INSPECTION"), THE GC SHALL WORK WITH MODIFICATION INSPECTOR TO COORDINATE A REMEDIATION PLAN IN ONE OF TWO WAYS:

- CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL CONTRACT DOCUMENTS AND COORDINATE A SUPPLEMENT MODIFICATION INSPECTION. OR, WITH TOWER OWNER'S APPROVAL, THE GC MAY WORK WITH THE ENGINEER OF RECORD TO REXANALYZE THE MODIFICATION/REINFORCEMENT USING AS-BUILT CONDITION.

VERIFICATION INSPECTIONS:

- TOWER OWNER RESERVES THE RIGHT TO CONDUCT A VERIFICATION INSPECTION TO VERIFY THE ACCURACY AND COMPLETENESS OF PREVIOUSLY COMPLETED MODIFICATION AND INSPECTION(S) ON TOWER MODIFICATION PRODUCTS.
- VERIFICATION INSPECTION MAY BE CONDUCTED BY AN INDEPENDENT FIRM AFTER A MODIFICATION PROJECT IS COMPLETED, AS MARKED BY THE DATE OF AN ACCEPTED "PASSING MODIFICATION INSPECTION MODIFICATION INSPECTION" REPORT FOR THE ORIGINAL PROJECT.

REQUIRED PHOTOS:

- BETWEEN THE GC AND THE MI INSPECTOR THE FOLLOWING PHOTOGRAPHS ARE TO BE TAKEN AND INCLUDED IN THE MODIFICATION INSPECTION REPORT:
 - PREXCONSTRUCTION GENERAL SITE CONDITION
 - PHOTOGRAPHS DURING THE REINFORCEMENT MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION
 - RAW MATERIALS
 - PHOTOS OF ALL CRITICAL DETAILS
 - WELD PREPARATION
 - FOUNDATION MODIFICATION
 - BOLT INSTALLATION AND TORQUE
 - FINAL INSTALLED CONDITION
 - SURFACE COATING REPAIR
 - POST CONDITION PHOTOGRAPHS
- FINAL INFIELD CONDITION ANY OTHER PHOTOS DEEMED RELEVANT TO SHOW COMPLETE DENTALS OF MODIFICATIONS
- PHOTOS OF ELEVATED MODIFICATIONS TAKEN FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.



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MODIFICATION DRAWING

REV.	DATE	DESCRIPTION

SITE INFORMATION:

CT SOMERS FD CAC (10108715)

400 MAIN STREET
SOMERS, CT 06071

SITE NUMBER:

803934

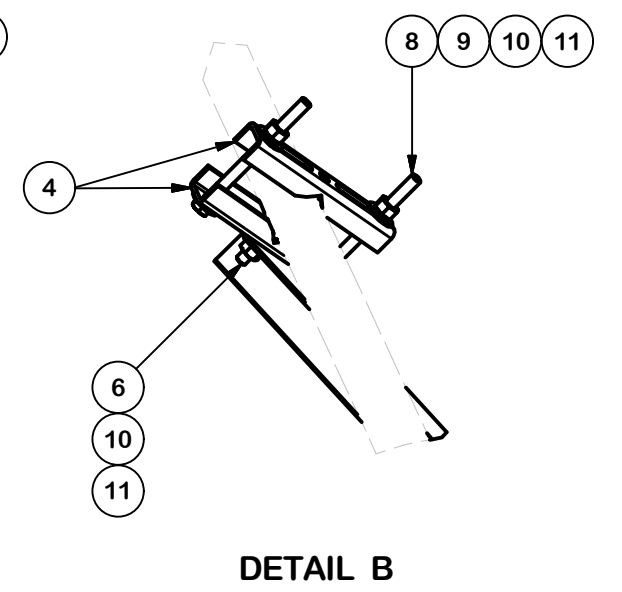
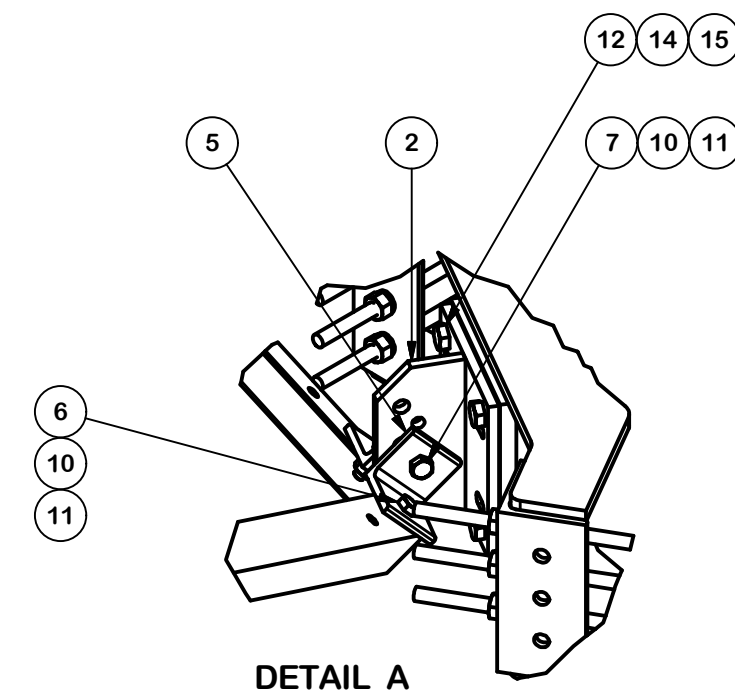
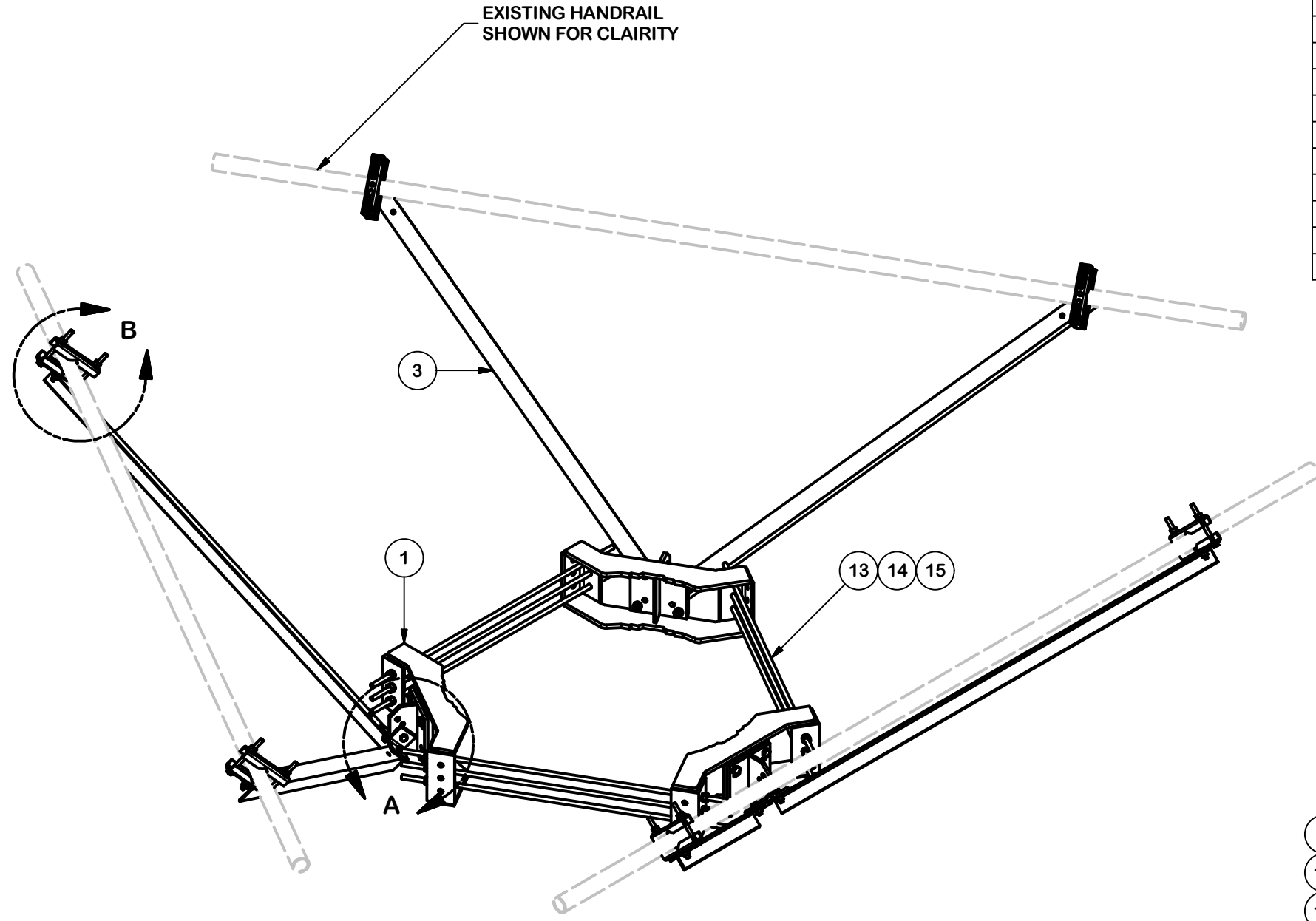
POD NUMBER: 22-125571
DESIGNED BY: EW
DRAWN BY: TAJ
CHECKED BY: JGC
DATE: 04/07/2022

SHEET TITLE:

MODIFICATION CHECKLIST

MI-01

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.81	206.42
2	3	X-TBW	T-BRACKET WELDMENT		13.60	40.80
3	6	X-254924	DIAGONAL ANGLE - SITE PRO 1	72 in	19.71	118.24
4	12	X-STU	STIFF ARM CHANNEL BRACKET	8 1/2 in	1.37	16.46
5	6	SHCM-T	CHAIN MOUNT TIGHTENER BRACKET	3 in	1.86	11.15
6	12	G12112	1/2" x 1-1/2" HDG HEX BOLT GR5	1/2 in	0.15	1.77
7	3	G12212	1/2" x 2-1/2" HDG HEX BOLT GR5	2 1/2 in	0.20	0.61
8	12	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	6 1/2 in	0.41	4.91
9	24	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	0.82
10	27	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.38
11	27	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	1.93
12	12	A582114	5/8" x 2-1/4" HDG A325 HEX BOLT	2 1/4 in	0.31	3.75
13	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)	24 in	0.40	3.59
13	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)	48 in	0.40	3.59
14	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
15	30	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	3.90
					TOTAL WT. #	642.04



REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED MAX. DIA. FOR HANDRAIL CONNECTION	SP1	BC	10/25/2017

REVISION HISTORY

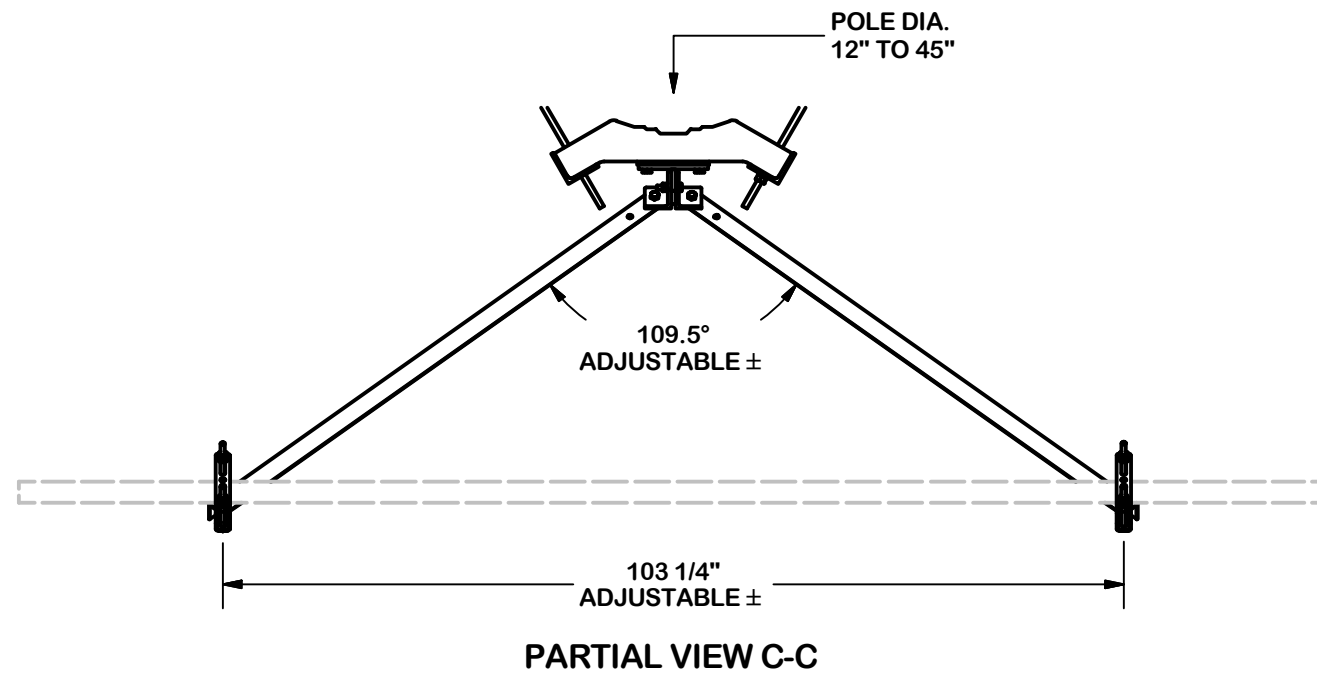
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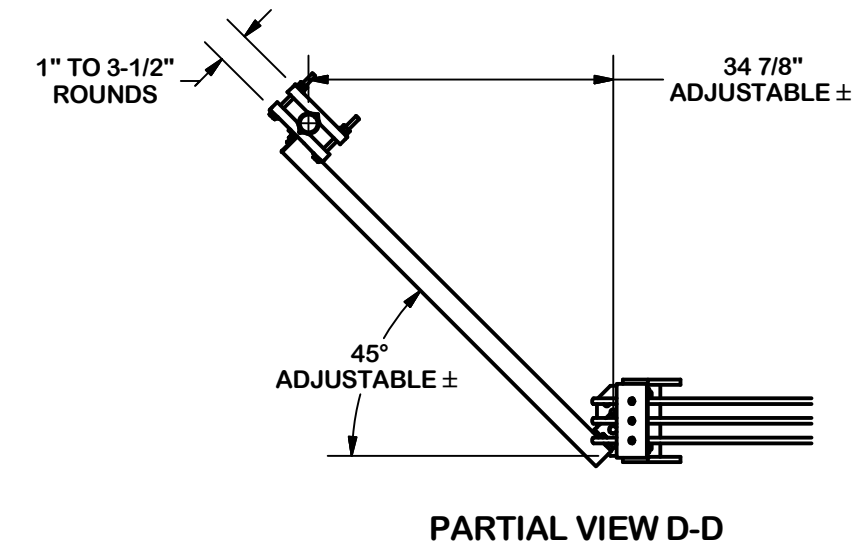
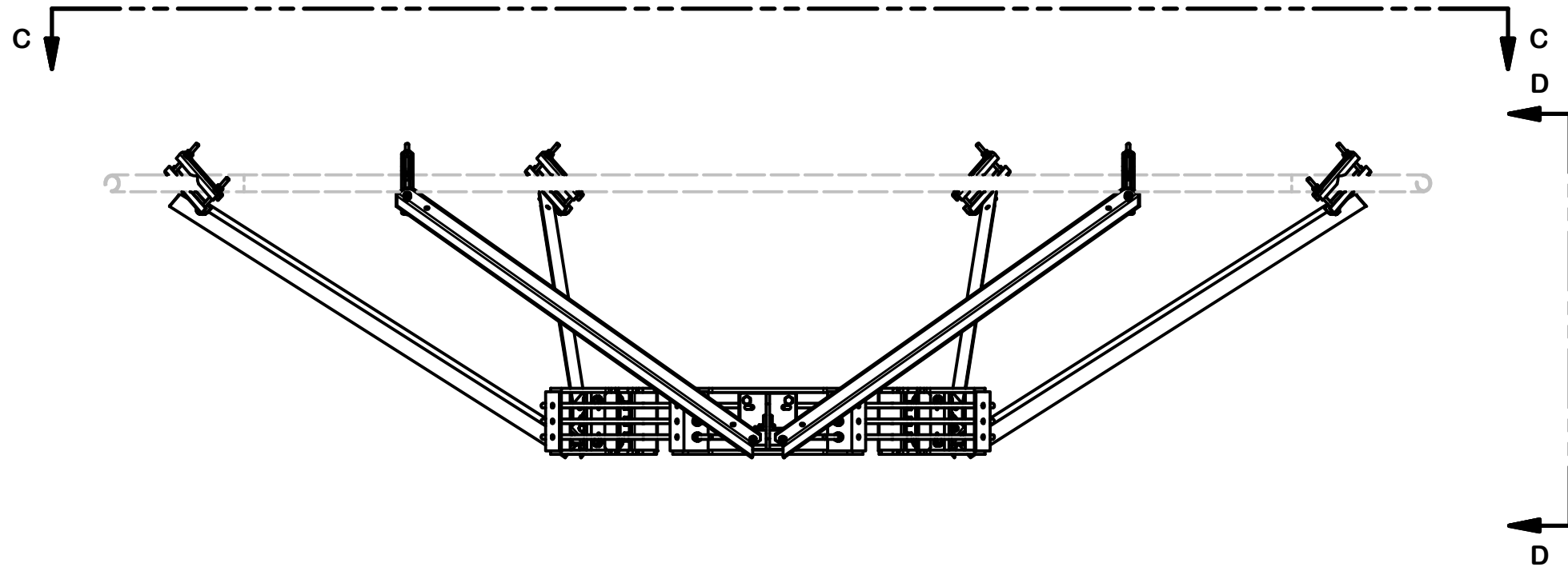
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DESCRIPTION			
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CPD NO.	DRAWN BY	ENG. APPROVAL	
SP1	CSL3 2/23/2017	3RD PARTY	
CLASS	SUB	DRAWING USAGE	CHECKED BY
81	02	SHOP	BMC 9/8/2017

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DWG. NO. PRK-SFS-L		1 OF 3 <small>PAGE</small>



VERTICAL POSITION




REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED MAX. DIA. FOR HANDRAIL CONNECTION	SP1	BC	10/25/2017
REVISION HISTORY				

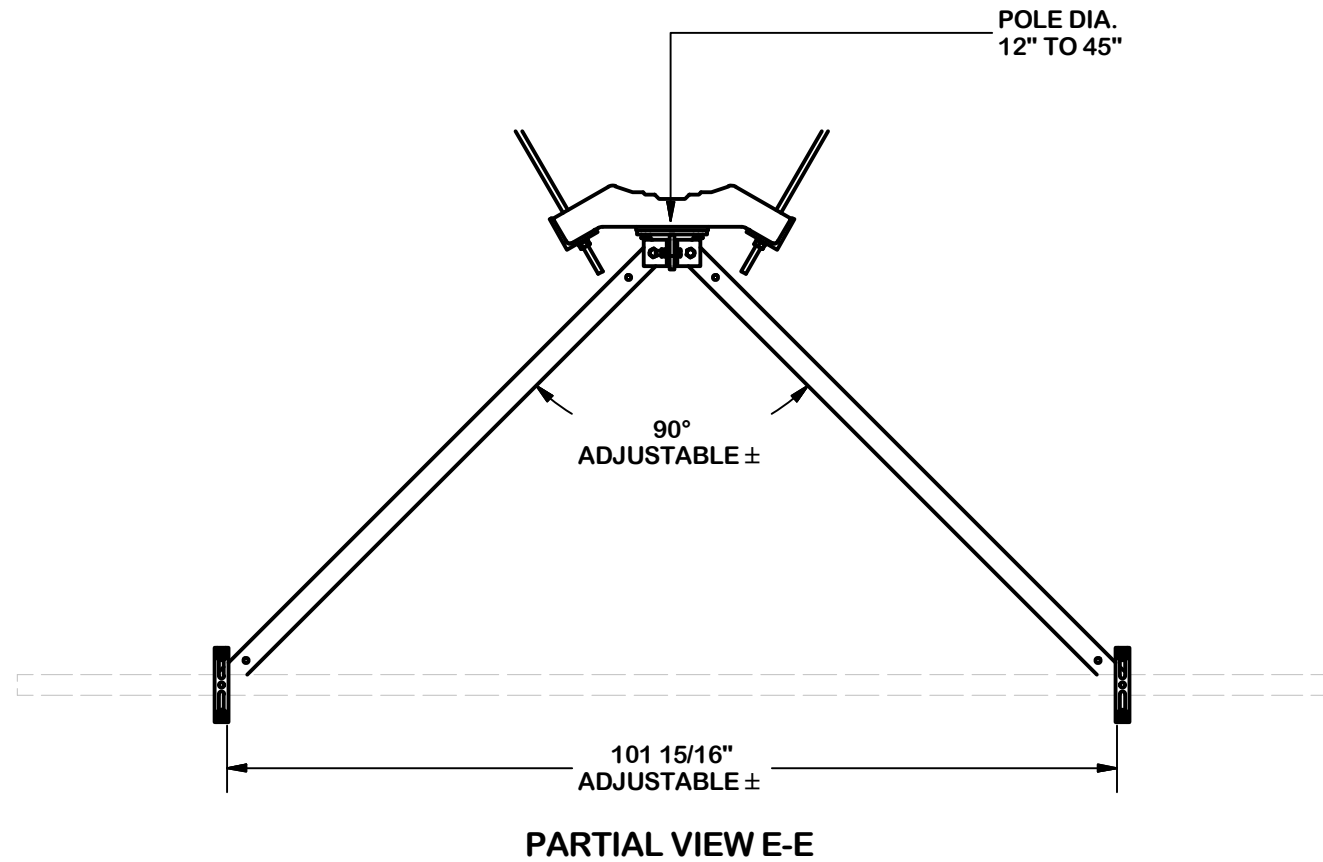
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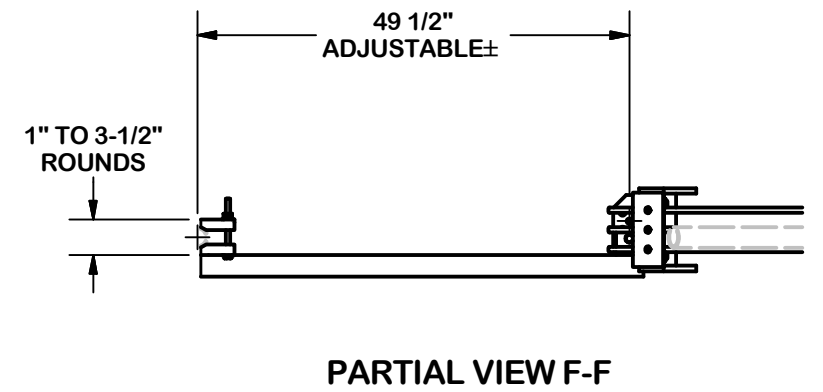
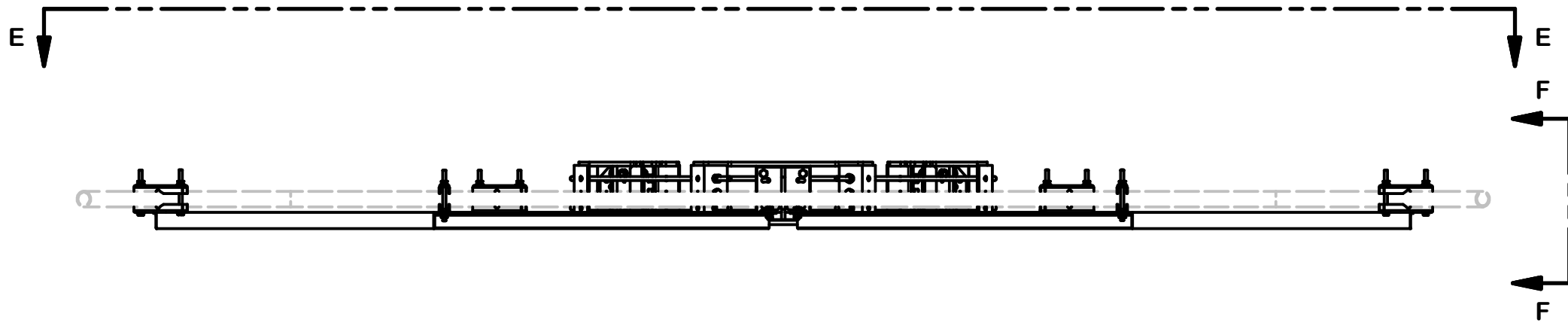
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HORIZONTAL POSITION



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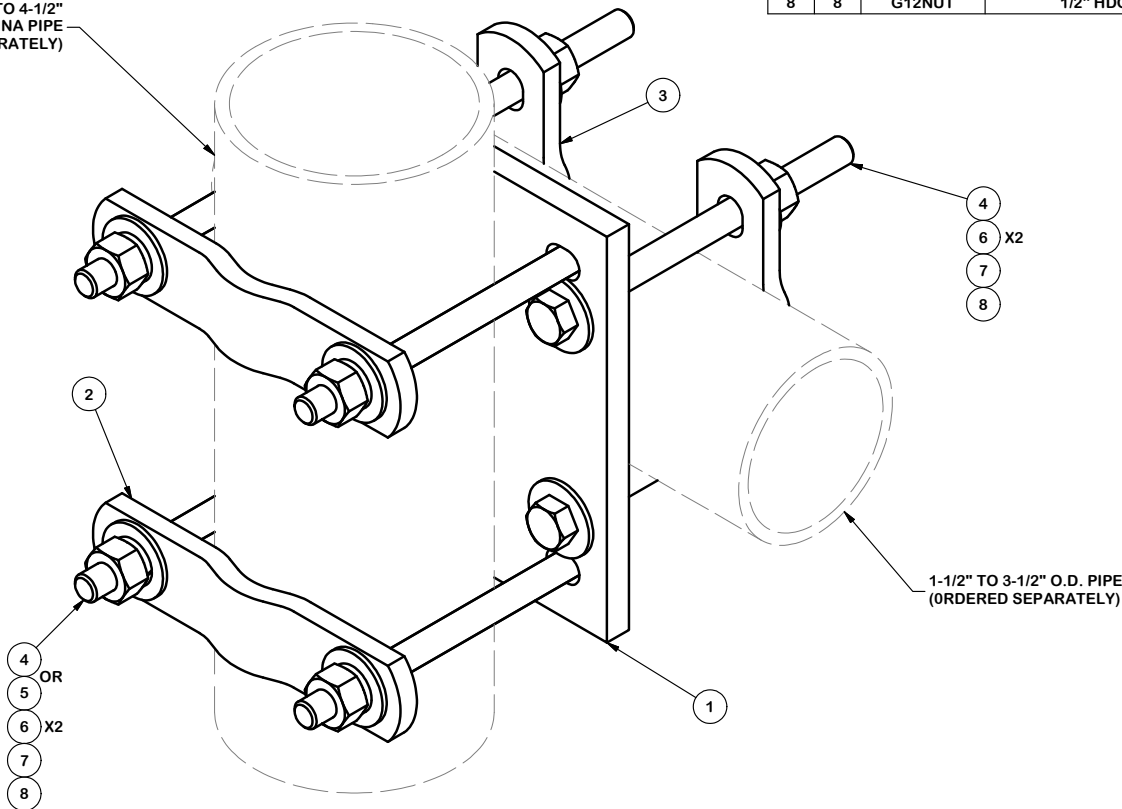
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REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
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REVISION HISTORY				

CPD NO. SP1	DRAWN BY CSL3 2/23/2017	ENG. APPROVAL 3RD PARTY
CLASS 81	SUB 02	DRAWING USAGE SHOP
CHECKED BY BMC 9/8/2017		

PART NO. PRK-SFS-L	3 OF 3 PAGE
DWG. NO. PRK-SFS-L	

1-1/2" TO 4-1/2"
ANTENNA PIPE
(ORDERED SEPARATELY)



1-1/2" TO 3-1/2" O.D. PIPE
(ORDERED SEPARATELY)

PARTS LIST

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	SCX7	CROSSOVER PLATE	8 in	7.55	7.55
2	2	X-115765	5" V-CLAMP		1.02	2.04
3	2	X-100064	CLAMP (S) (4" V-CLAMP) GALVANIZED		0.91	1.83
4	8	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	6 1/2 in	0.41	3.28
5	4	G12045	1/2" x 4.5" HDG HEX BOLT GR5 FULL THREAD	4 1/2 in	0.30	1.19
6	16	G12FW	1/2" HDG USS FLATWASHER		0.03	0.54
7	8	G12LW	1/2" HDG LOCKWASHER		0.01	0.11
8	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
					TOTAL WT. #	16.98

TOLERANCE NOTES

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DESCRIPTION

CROSSOVER PLATE
(V-CLAMP STYLE)

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CLASS	DRAWING USAGE	CHECKED BY
81	01	CUSTOMER
		BMC 10/8/2010

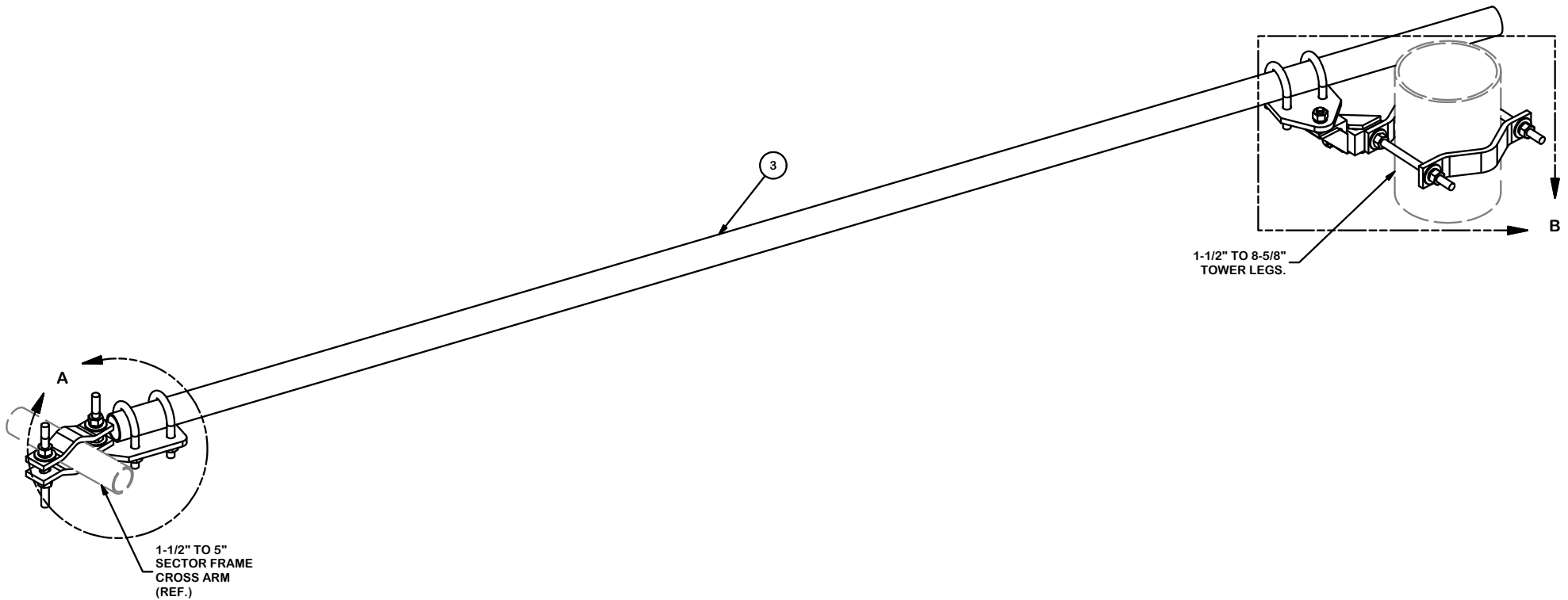


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PART NO.	SCX7-U	PAGE
DWG. NO.	SCX7-U	1 OF 1

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	X-SPTB	SLIDING PIPE TIE BACK PLATE	5 1/2 in	5.87	11.74
2	2	X-TBCA	TIE BACK CLIP ANGLE		2.08	4.16
3	1	P2126	2-3/8" OD X 126" SCH 40 GALVANIZED PIPE	126 in	40.75	40.75
4	2	MCP	CLAMP HALF 1/2" THICK, 11-5/8" LONG	12 1/16 in	3.59	7.19
5	4	DCP	1/2" THICK, 5-3/4" CNTR TO CENTER CLAMP HALF	8 1/8 in	2.42	9.68
6	2	G58R-12	5/8" x 12" THREADED ROD (HDG.)		1.05	2.09
7	4	G58R-8	5/8" x 8" THREADED ROD (HDG.)		0.70	2.79
8	4	X-UB5258	5/8" X 2-5/8" X 4-1/2" X 2" U-BOLT (HDG.)		1.00	4.00
9	4	G5804	5/8" x 4" HDG HEX BOLT GR5		0.44	1.78
10	2	G5802	5/8" x 2" HDG HEX BOLT GR5		0.27	0.54
11	10	G58FW	5/8" HDG USS FLATWASHER	1/8 in	0.07	0.70
12	18	G58LW	5/8" HDG LOCKWASHER		0.03	0.47
13	20	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	2.60
					TOTAL WT. #	88.49



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DESCRIPTION
 SLIDING PIPE
 TIE BACK ASSEMBLY

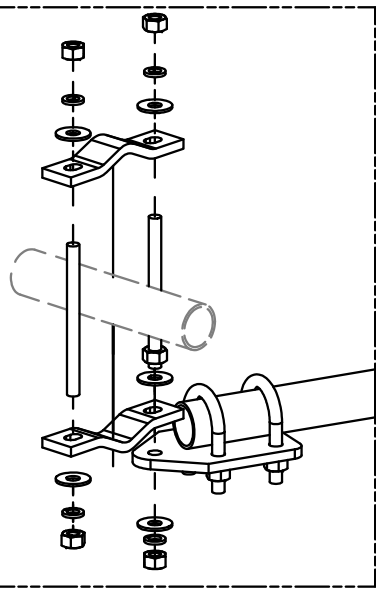
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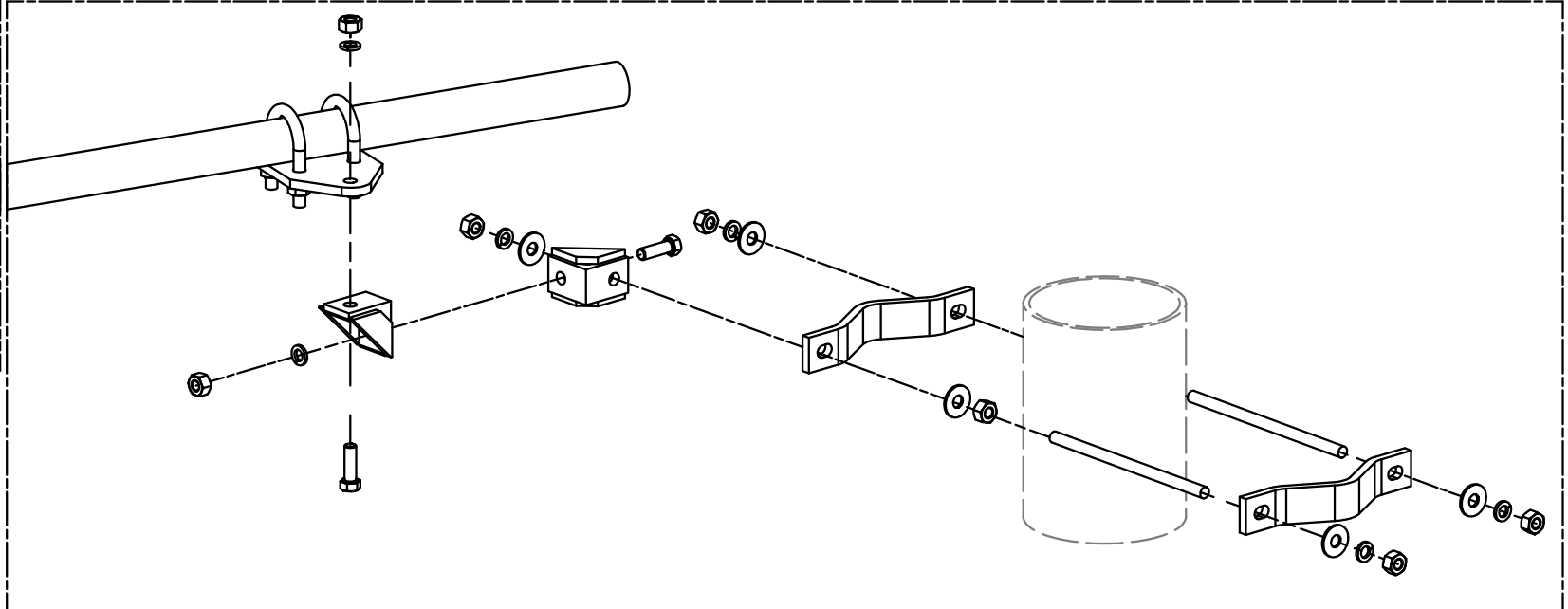
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PART NO.	SPTB	PAGE
DWG. NO.	SPTB	1 OF 3



DETAIL A



DETAIL B

SEE PAGE 3 FOR
HARDWARE DETAILS

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**SLIDING PIPE
TIE BACK ASSEMBLY**

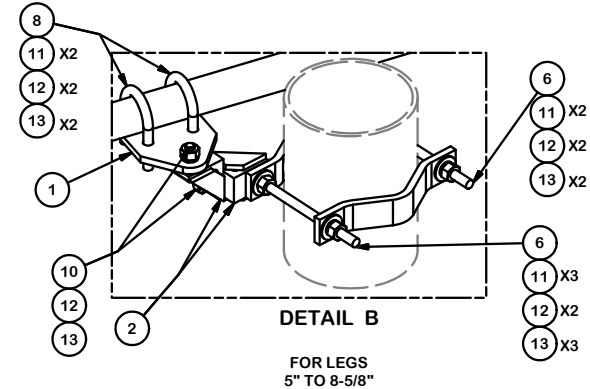
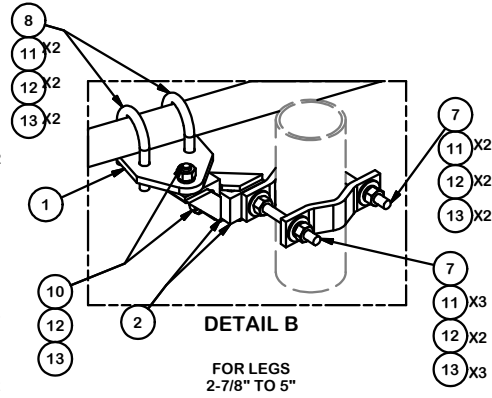
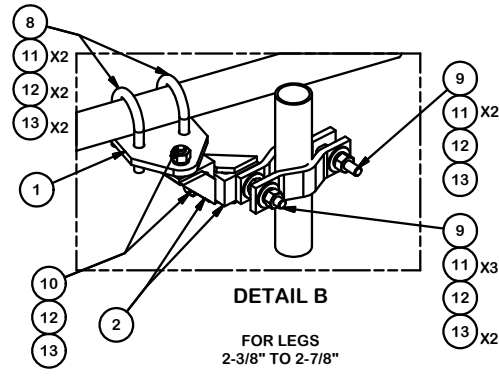
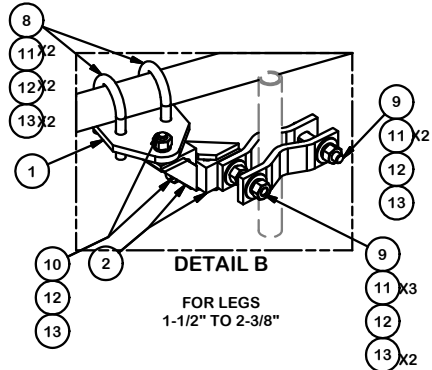
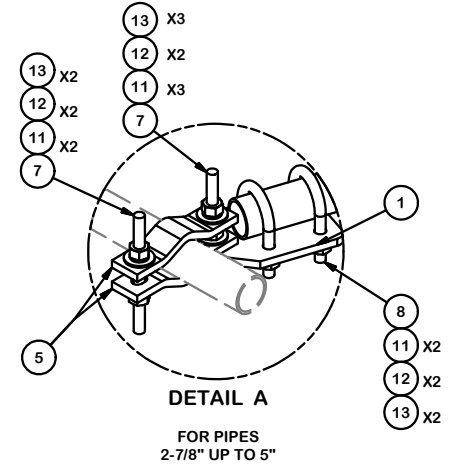
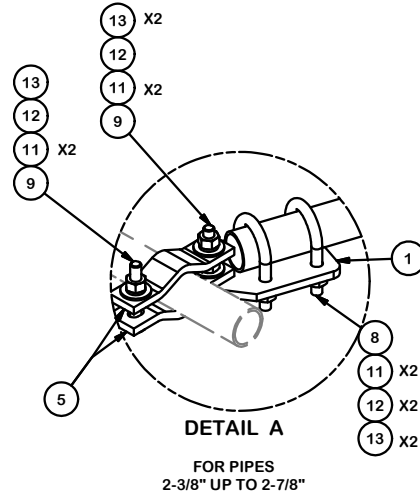
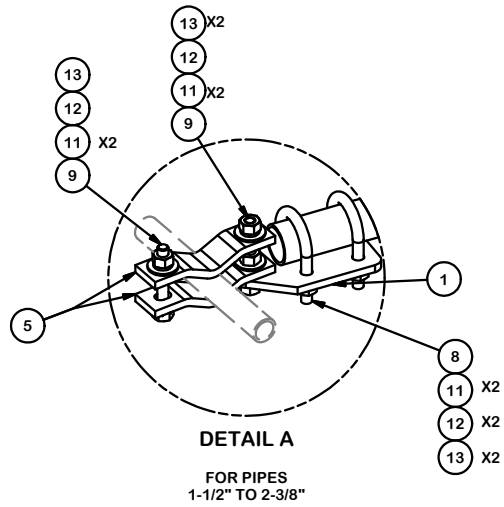
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CLASS 81	SUB 02	DRAWING USAGE CUSTOMER
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PART NO.	SPTB	PAGE 2 OF 3
DWG. NO.	SPTB	



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DESCRIPTION
**SLIDING PIPE
 TIE BACK ASSEMBLY**

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PART NO.	SPTB	PAGE 3 OF 3
DWG. NO.	SPTB	

Date: **May 13, 2022**



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

Subject: **Mount Analysis - Conditional Passing Report**

Carrier Designation: **AT&T Mobility**
Carrier Site Number: **CT5857**
Carrier Site Name: **CT SOMERS FD CAC**
FA Number: **10108715**

Crown Castle Designation: **Crown Castle BU Number:** **803934**
Crown Castle Site Name: **CT SOMERS FD CAC**
Crown Castle JDE Job Number: **686185**
Crown Castle Order Number: **586342 Rev 1**

Engineering Firm Designation: **POD Report Designation:** **22-129726**

Site Data: **400 Main Street, Somers, Tolland County, CT 06071**
Latitude 41° 59' 1.48" Longitude -72° 27' 56.87"

Structure Information: **Tower Height & Type:** **190 ft Monopole**
Mount Elevation: **154 ft**
Mount Type: **13 ft Sector Frame**

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

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

13 ft Sector Frame (Individual Sector) Sufficient*
***See Section 4.1 of this report for the loading and structural modifications required in order for the mount to support the loading listed in Table 1.**

This analysis has been performed in accordance with the 2018 International Building Code based upon an ultimate 3-second gust wind speed of 117 mph. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Mount structural analysis prepared by: Joseph Martin

Respectfully submitted by:

A handwritten signature in black ink, appearing to read "Jason Cheronis", is written over a circular professional engineer seal.

Jason Cheronis, PE
Connecticut PE#: 0032793



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- 1) INTRODUCTION**
- 2) ANALYSIS CRITERIA**
 - Table 1 – Proposed Equipment Configuration
- 3) ANALYSIS PROCEDURE**
 - Table 2 – Documents Provided
 - 3.1) Analysis Method
 - 3.2) Assumptions
- 4) ANALYSIS RESULTS**
 - Table 3 - Mount Component Stresses vs. Capacity
 - 4.1) Recommendations
- 5) APPENDIX A**
 - Wire Frame and Rendered Models
- 6) APPENDIX B**
 - Software Input Calculations
- 7) APPENDIX C**
 - Software Analysis Output
- 8) APPENDIX D**
 - Additional Calculations
- 9) APPENDIX E**
 - Specification Sheets

1) INTRODUCTION

This is an existing 3-sector 13' sector frame, designed by Sabre (P/N: C10857804).

The proposed modifications prepared by POD project #: 22-125571, in April of 2022 have been considered in this analysis. Reinforcement consists of additional faces, stabilizer kits and replaced crossover kits.

2) ANALYSIS CRITERIA

Building Code:	2018 IBC
TIA-222 Revision:	TIA-222-H
Risk Category:	II
Ultimate Wind Speed:	117 mph
Exposure Category:	C
Topographic Factor at Base:	1.000
Topographic Factor at Mount:	1.000
Ice Thickness:	1.5 in
Wind Speed with Ice:	50 mph
Seismic S_s:	0.174
Seismic S₁:	0.055
Live Loading Wind Speed:	30 mph
Man Live Load at Mid/End-Points:	250 lb
Man Live Load at Mount Pipes:	500 lb

Table 1 - Proposed Equipment Configuration

Mount Centerline (ft)	Antenna Centerline (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Mount / Modification Details	Note
154	157	3	ERICSSON	AIR 6419 B77G_CCIV3	13 ft Sector Frame (C10857804)	1
		3	CCI ANTENNAS	DMP65R-BU8D		-
		3	QUINTEL TECHNOLOGY	QD8616-7		
		3	ERICSSON	RRUS 4415 B30		
		3	ERICSSON	RRUS 4449 B5/B12		
		3	ERICSSON	RRUS 4478 B14_CCIV2		
		3	ERICSSON	RRUS 8843 B2/B66A_CCIV2		
		2	RAYCAP	DC6-48-60-18-8F		
	1	RAYCAP	DC9-48-60-24-8C-EV			
153	3	ERICSSON	AIR 6449 B77D_CCIV2		1	

Notes:

- Proposed equipment is to be installed on the same mount pipe with more than 12" of vertical separation

3) ANALYSIS PROCEDURE

Table 2 - Documents Provided

Document	Remarks	Reference	Source
Crown Application	-	Crown Castle App #: 586342 Rev 1 Dated: 03/16/2022	Crown Castle
RFDS	-	AT&T Mobility RFDS Name: CTL05857 Dated: 02/25/2022	Crown Castle
Structural Analysis	-	B+T Group Report #: 87311.013.01 Dated: 04/20/2022	Crown Castle
Previous Mount Modification Analysis & Drawings	-	POD Project #: 22-125571 Dated: 04/08/2022	POD
Mount Specification Sheets	-	Sabre Industries Part #: C10857804 Dated: 09/24/2018	Sabre Industries
Crossover Kit Specification Sheets	-	SitePro1 Part #: SCX7-U Dated: 10/08/2010	SitePro1

3.1) Analysis Method

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

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

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

3.2) Assumptions

- 1) The antenna mounting system was properly fabricated, installed, and maintained in good condition in accordance with its original design, TIA Standards, and/or manufacturer's specifications. This is not a condition assessment of the mount, structure, or foundation.
- 2) The configuration of antennas, mounts, and other appurtenances are as specified in Table 1 and the referenced drawings.
- 3) All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
- 4) The weight of the mount was increased 10% in the analysis to account for connections, coax, and jumpers.
- 5) The purpose of this report is to assess the feasibility of adding appurtenances usually accompanied by transmission lines to the structure. POD Group does not analyze the fabrication of the mount or structure (including welding).
- 6) All structural members shall be verified in accordance with AT&T Mount Technical Directive.
- 7) The analysis will be required to be revised if the existing conditions in the field differ from those shown in the above-referenced documents or assumed in this analysis. No allowance was made for any damaged, missing, or rusted members.
- 8) Prior structural modifications to the tower mounting system are assumed to be installed as shown per POD project #: 22-125571.
- 9) Mount Pipe 1 assumed to be removed on all sectors per comments on CCI.
- 10) Based on the review, POD Group believes this mount is Sabre (P/N: C10857804).
- 11) Steel grades have been used as follows, unless noted otherwise:
 - a. Solid Round, Plate ASTM A572 (GR 50)
 - b. Pipe ASTM A500 (GR B)
 - c. Connection Bolts ASTM A325

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

4) ANALYSIS RESULTS

Table 3 - Mount Component Stresses vs. Capacity (13 ft Sector Frame)

Notes	Component	Critical Member	Centerline (ft)	% Capacity	Pass / Fail
1	Plate	PLATE7	154	90.7	Pass
	Stabilizer	MSTAB1		80.2	Pass
	Face	FACE2		44.1	Pass
	Mount Pipe	MP BETA2		41.7	Pass
	Vertical	VERT2		35.8	Pass
	Kicker	KICKER4		27.5	Pass
	Diagonal	DIAG1		20.9	Pass
	Tieback	TIEBACK1		15.4	Pass
	Bolts	-	13.0	Pass	

Structure Rating (max from all components) =	90.7%
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Notes:

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

4.1) Recommendations

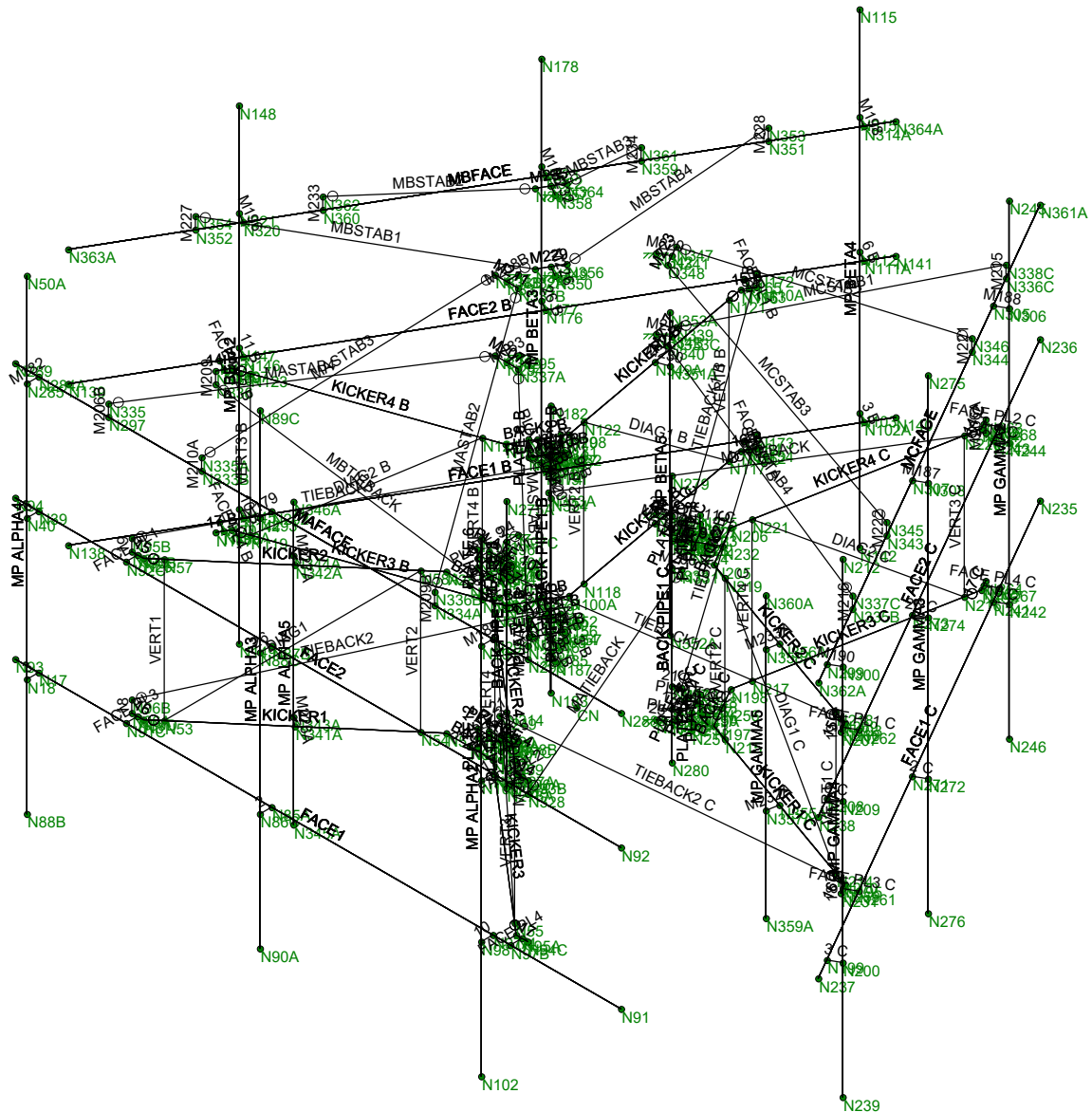
The mount has sufficient capacity to carry the proposed loading configuration. In order for the results of the analysis to be considered valid, the loading modification listed below must be completed.

1. The proposed structural modifications called out in POD project #: 22-125571 must be installed as directed.
2. The installation of 6'-0" P2 STD Mount Pipes (1 per sector, total of 3) on the kickers of the V-frame. Mount pipes are to be installed using crossover kits designed by SitePro1 (P/N: SCX7-U) (CONMAT #: ANT. 16985) (2 per sector, total of 6).
 - o All critical measurements and manufacturer specifications for the above specified modification part shall be field verified prior to material ordering.
 - o The contractor shall provide shop drawings to POD Group prior to material ordering and/or fabrication of the above specified modification part.
 - o Any substitutes, additions, or alterations shall be approved by POD Group prior to material ordering and/or fabrication.

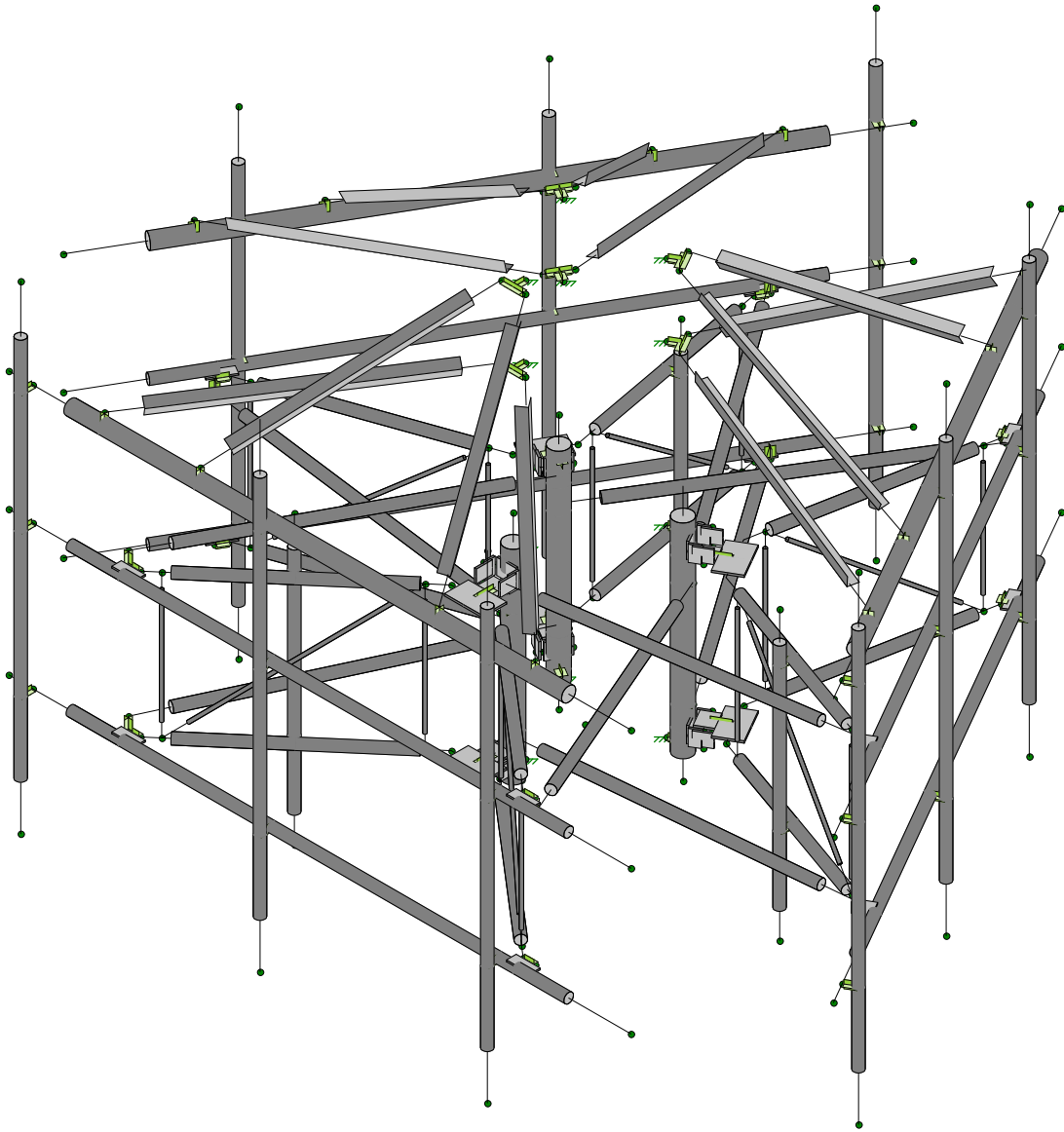
If any of these guidelines are not met, POD Group shall not be held liable.

APPENDIX A

Wire Frame and Rendered Models



POD Group		
JMM	803934	May 13, 2022 at 8:19 AM
22-129726		(SF30) 803934 - LOADING.R3D



POD Group

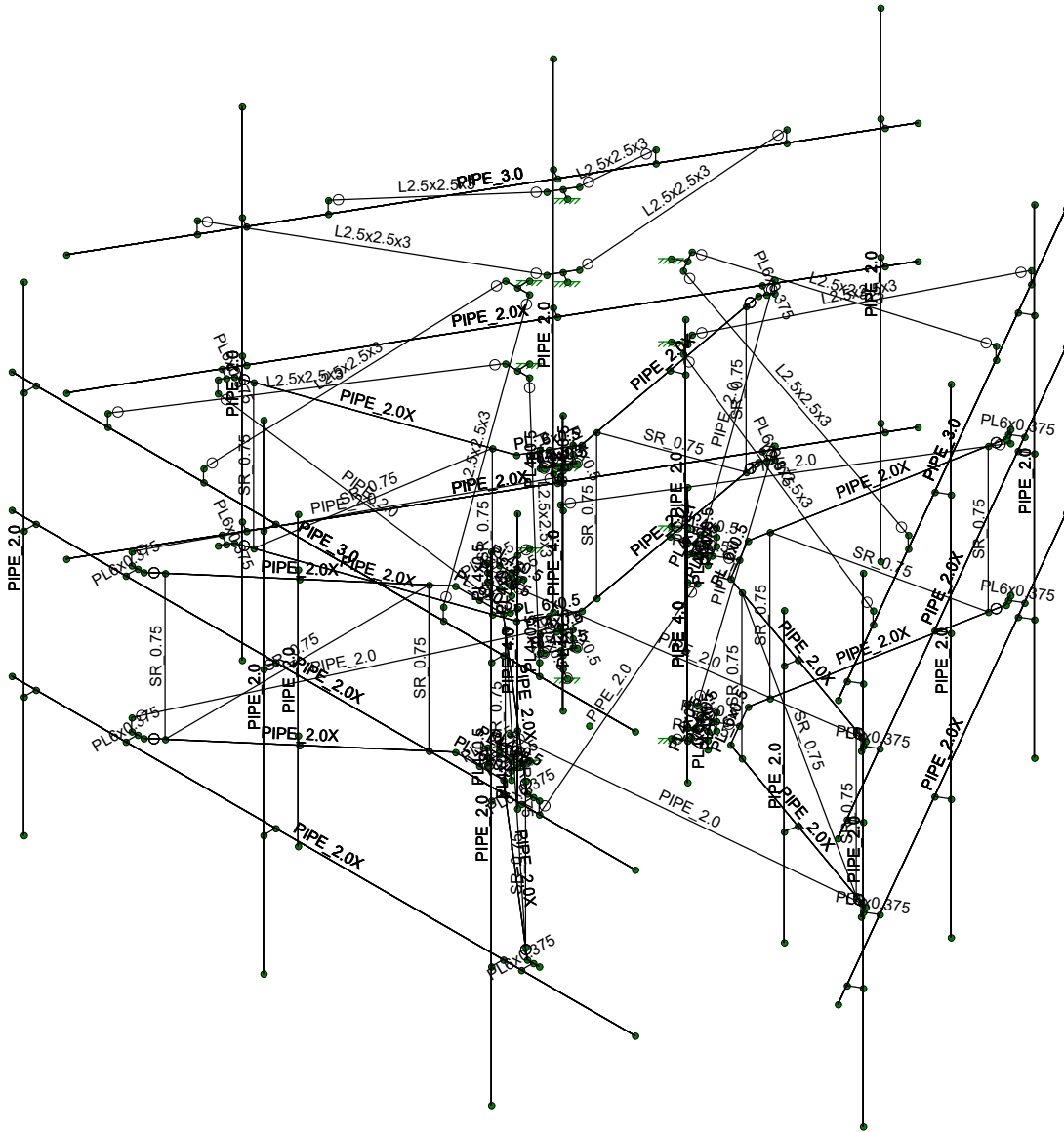
JMM

22-129726

803934

May 13, 2022 at 8:20 AM

(SF30) 803934 - LOADING.R3D



POD Group

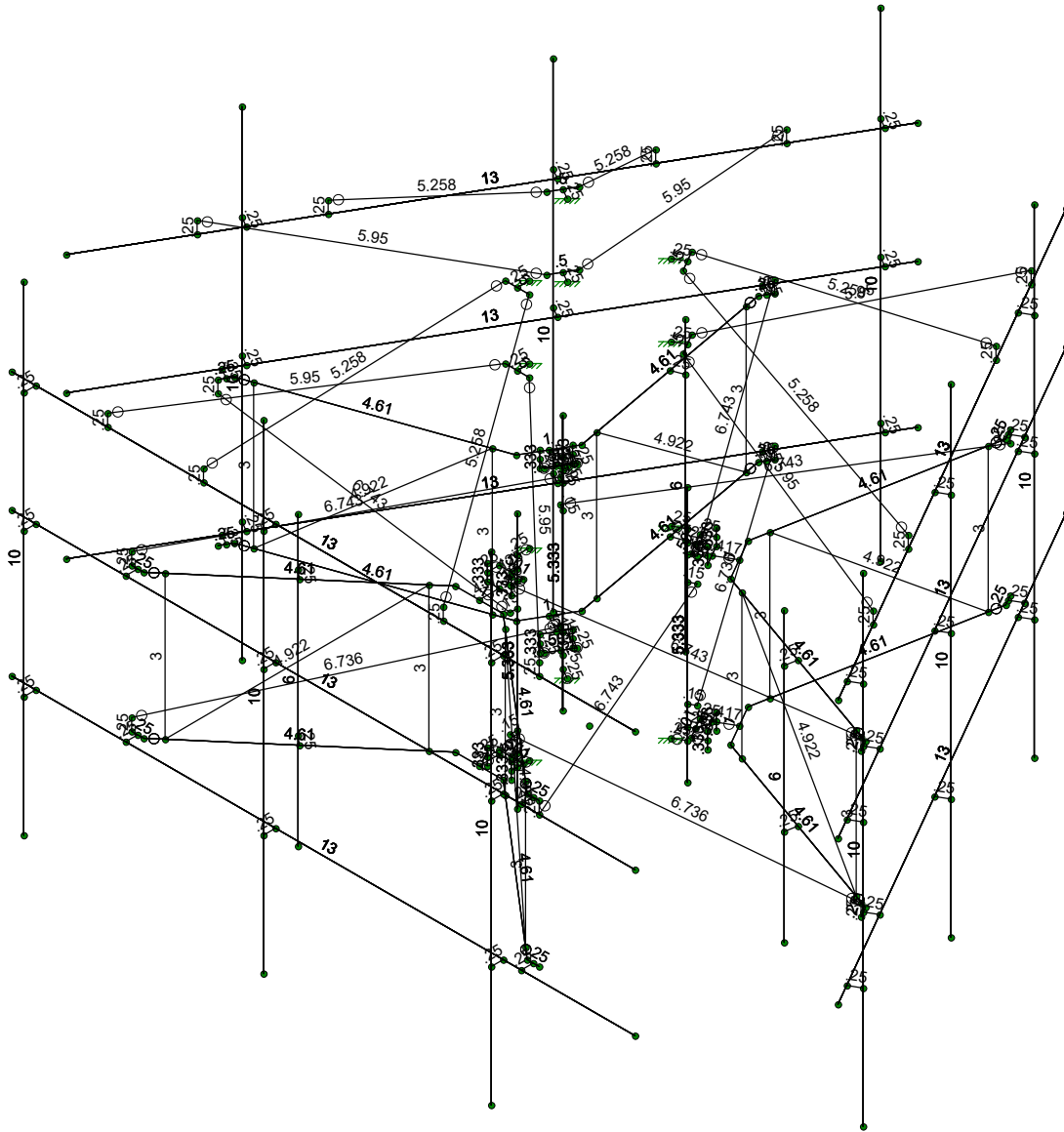
JMM

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803934

May 13, 2022 at 8:20 AM

(SF30) 803934 - LOADING.R3D



Member Length (ft) Displayed

POD Group

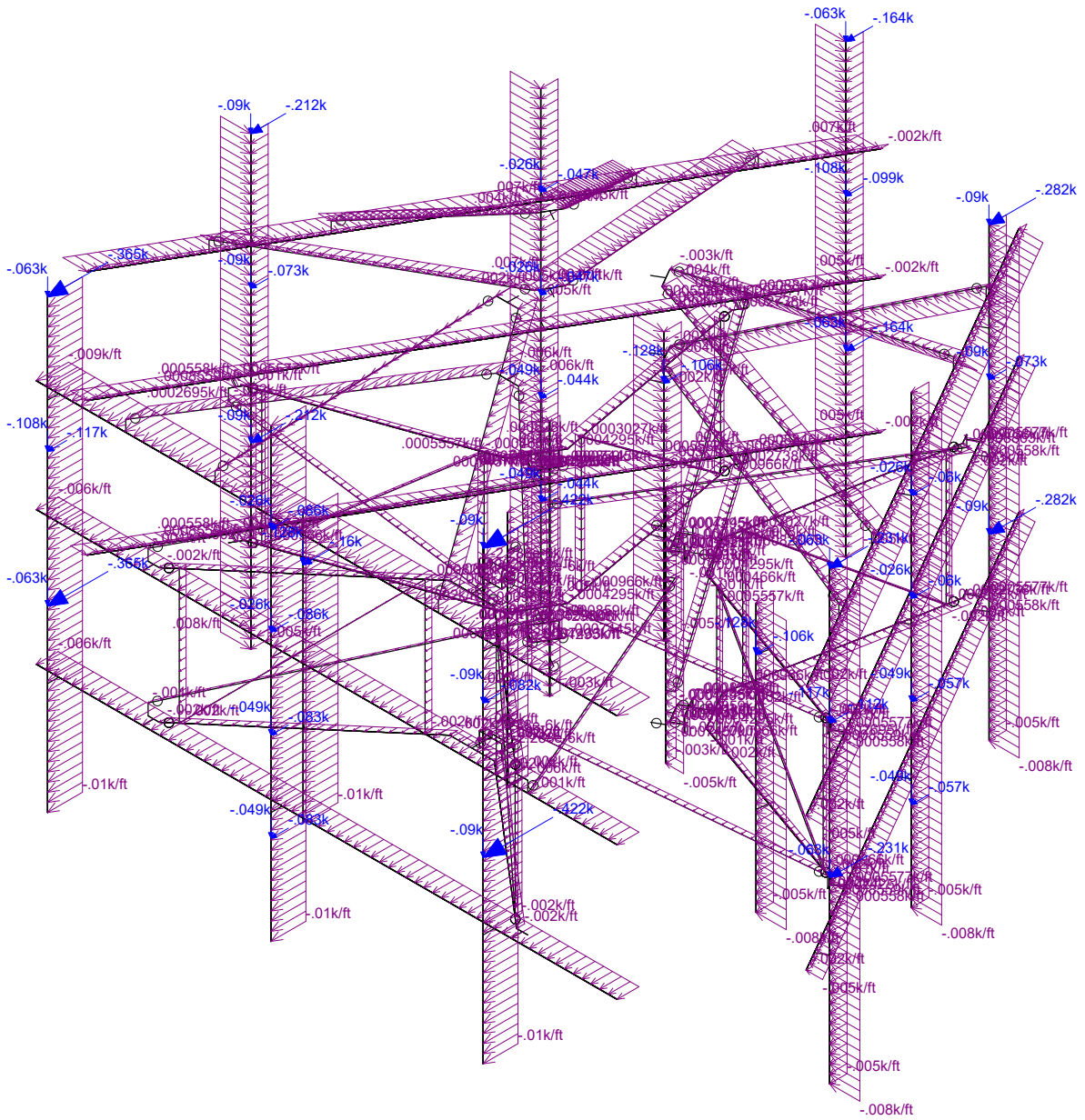
JMM

22-129726

803934

May 13, 2022 at 8:20 AM

(SF30) 803934 - LOADING.R3D



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

POD Group

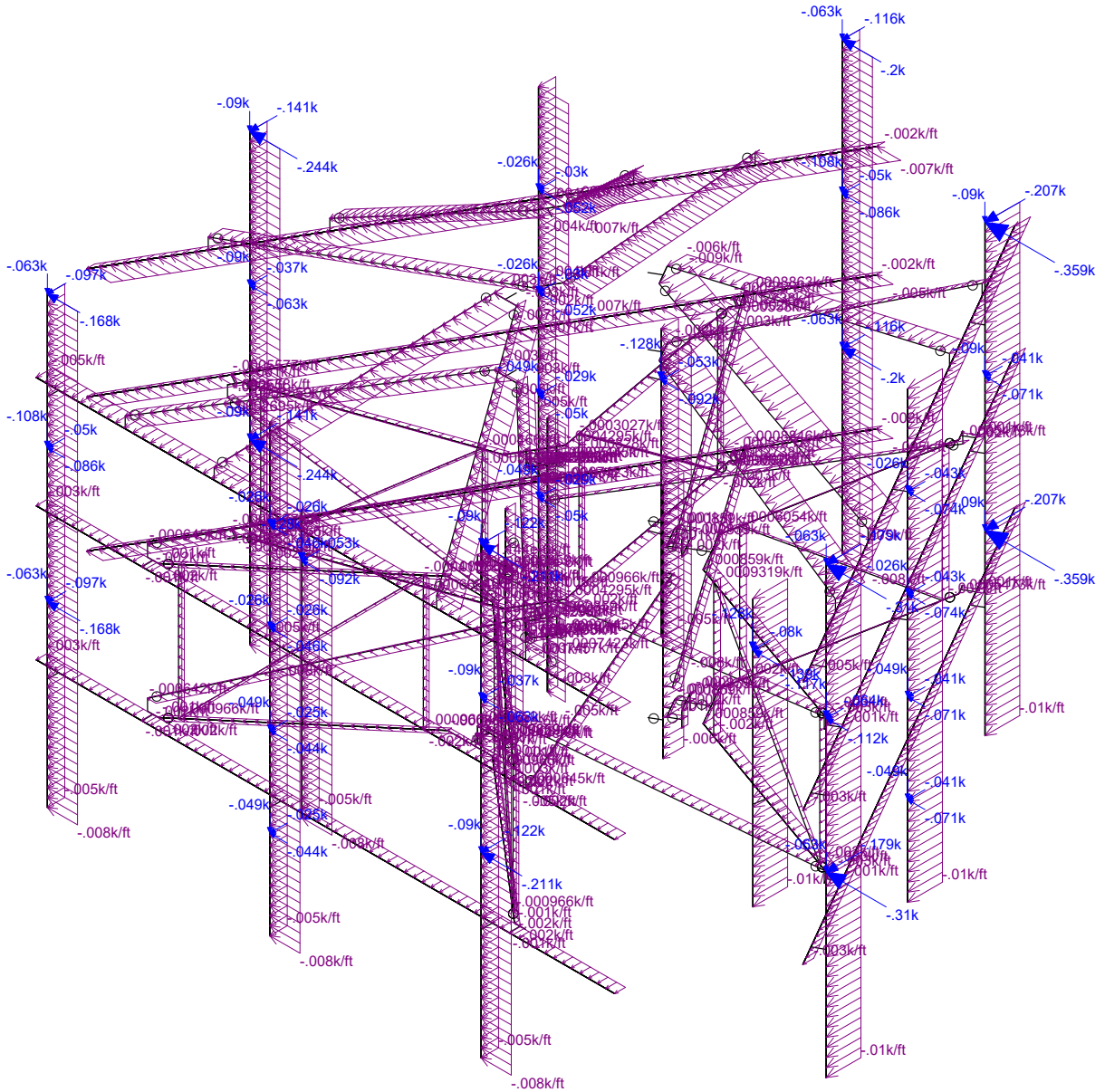
JMM

22-129726

803934

May 13, 2022 at 8:20 AM

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Loads: LC 8, 1.2D + 1.0W(60)

POD Group

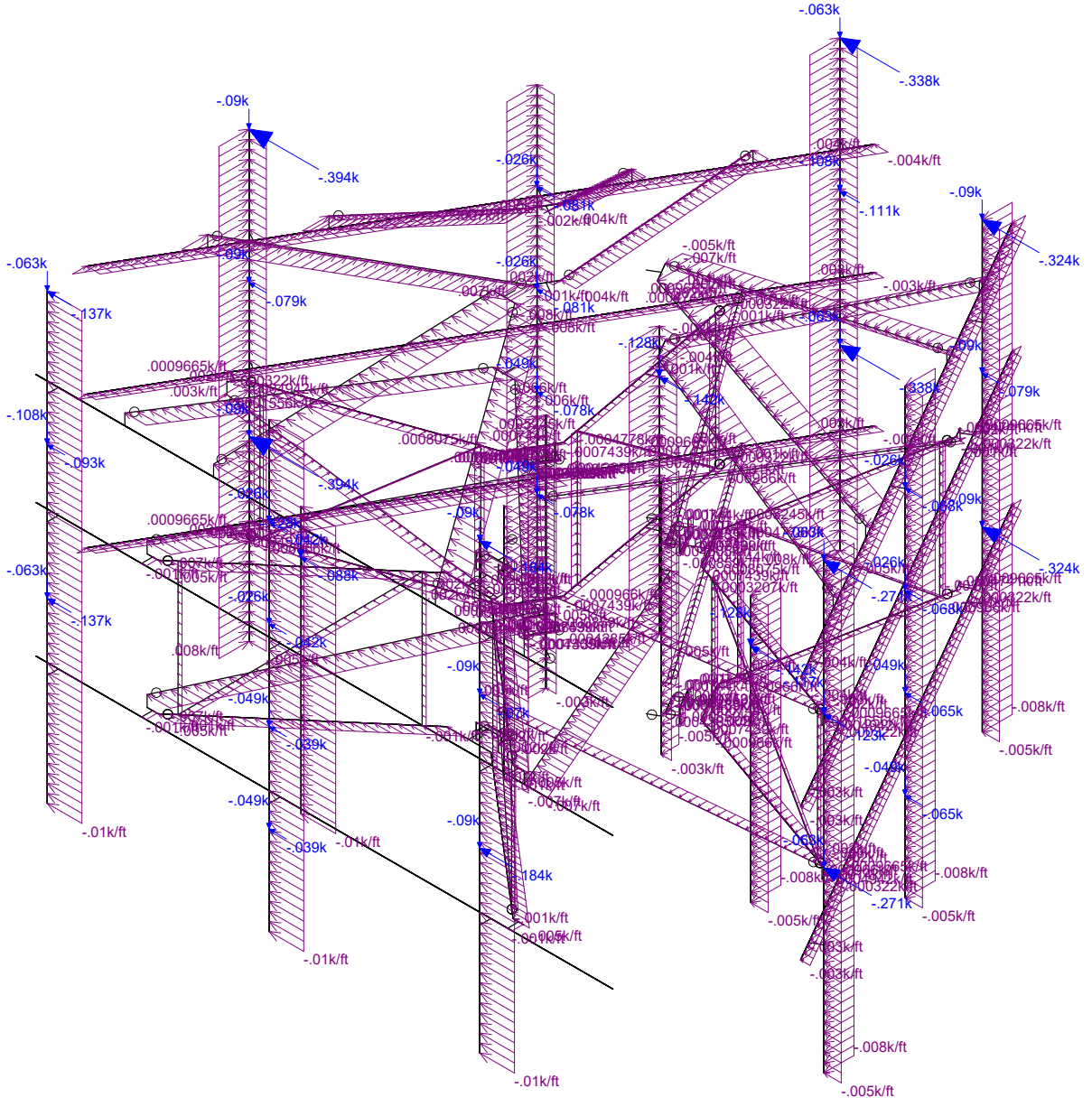
JMM

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803934

May 13, 2022 at 8:20 AM

(SF30) 803934 - LOADING.R3D



Loads: LC 11, 1.2D + 1.0W(90)

POD Group

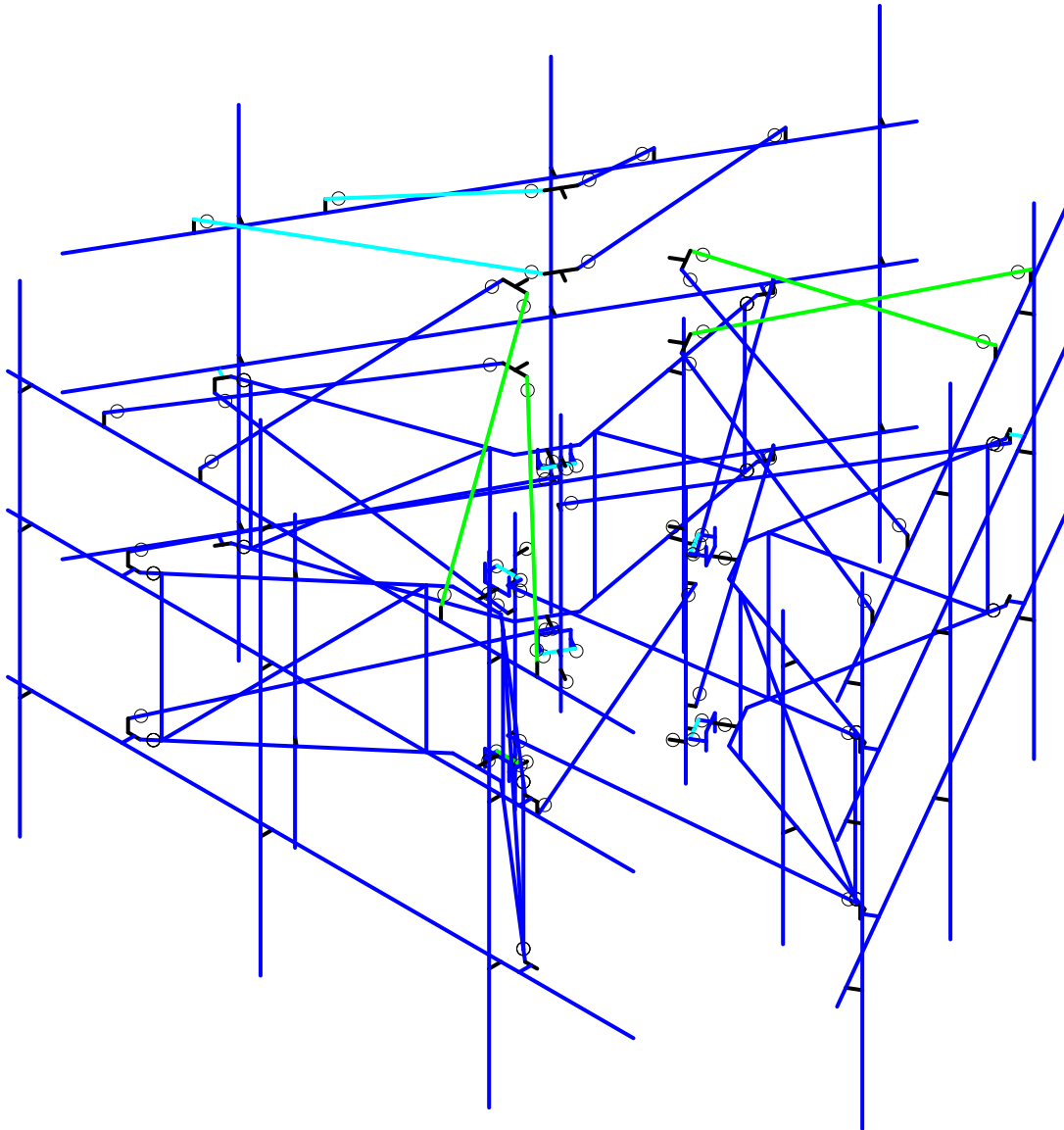
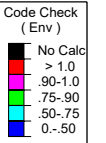
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22-129726

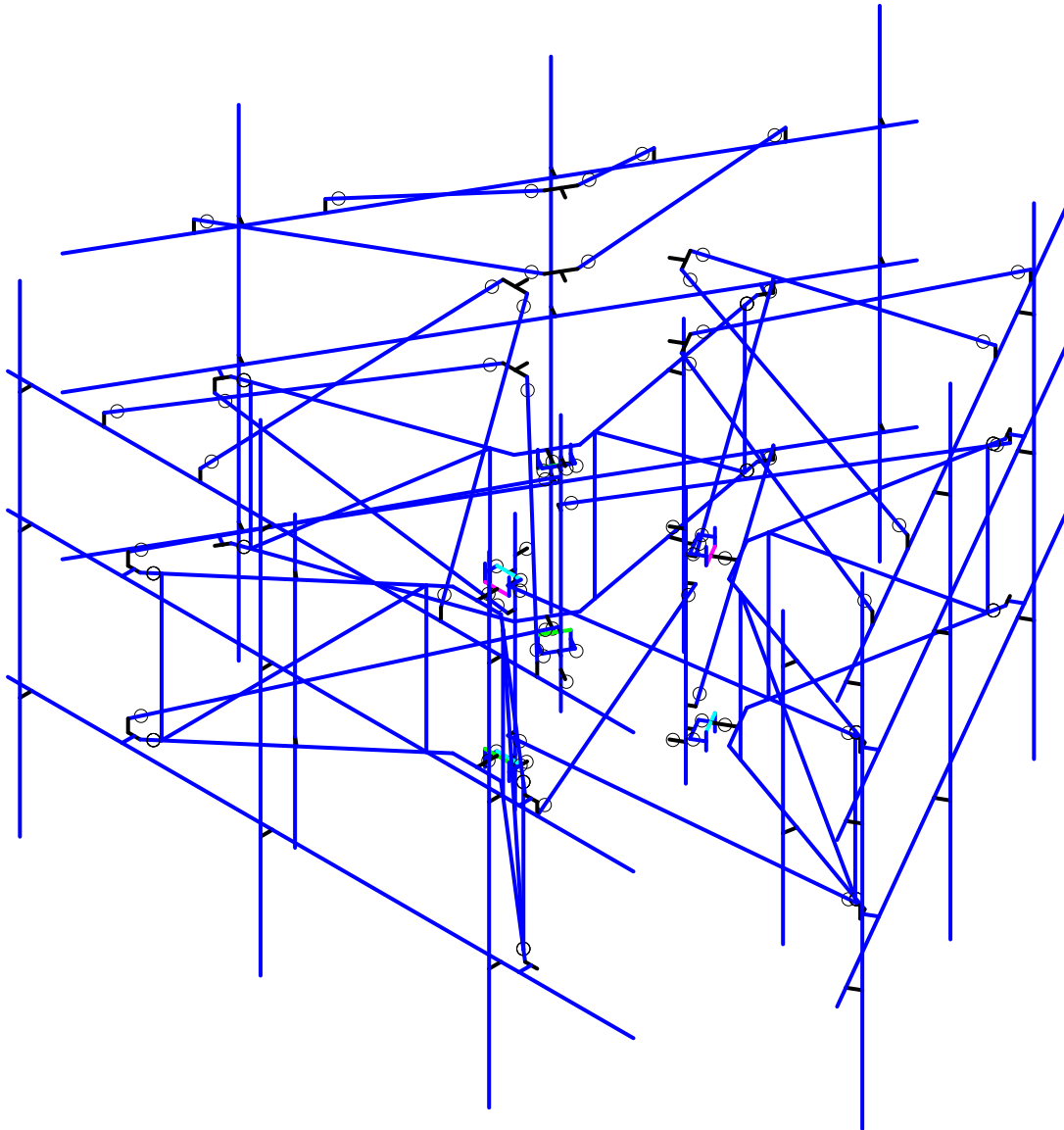
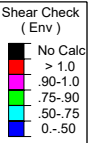
803934

May 13, 2022 at 8:20 AM

(SF30) 803934 - LOADING.R3D



POD Group	803934	May 13, 2022 at 8:21 AM
JMM		(SF30) 803934 - LOADING.R3D
22-129726		



POD Group	803934	May 13, 2022 at 8:21 AM
JMM		(SF30) 803934 - LOADING.R3D
22-129726		

APPENDIX B
Software Input Calculations



POD Job # 22-125571
 Site Number 803934
 Site Name Somers FD

General Site Information

Mount Type	MF	Risk Category	II	I (seismic)	1	Use CFD	Yes
V (Wind Speed)	117	I(ice)	1	Sms	0.278		
Zs	197.69			Sm1	0.132	width (ft)	height (ft)
ti	1.5	Ss	0.174	Sds	0.186	13	3
Vi	50	S1	0.055	Sd1	0.088	4.5	3
Kat	1	Soil Site Class	D (assumed)	Seismic Design Category	B		
Exposure	C	Fa	1.600	Seismic Analysis Not Required		Number of Sectors	3
Zg	900	Fv	2.400	R	2 TIA-222-H 16.7		
α	9.5	Tower Type	Monopole	As	1 TIA-222-H 16.7		
Kmin	0.85	Tower Height	190	Cs, Min	0.03 TIA-222-H 2.7.7.1.1		
G _H	1			Cs	0.0928 TIA-222-H 2.7.7.1.1		
Ke	0.99						
K ₀	0.95						
K _s	0.9						

Appurtenance Information

Model	Shielded	% Shielded	Centerline	Centerline on MP	Spacing (in)	Azimuth	Sector	Quantity	MP #
DMP65R-BU8D			157	7	72	0	A	1	4
DMP65R-BU8D			157	7	72	-10	B/C	1	4
AIR 6419 B77G_CCIV3			157	7	24	0	A	1	3
AIR 6419 B77G_CCIV3			157	7	24	-10	B/C	1	3
AIR 6449 B77D_CCIV2			153	3	24	0	A	1	3
AIR 6449 B77D_CCIV2			153	3	24	-10	B/C	1	3
QD8616-7			157	7	72	0	A	1	2
QD8616-7			157	7	72	-10	B/C	1	2
RRUS 4415 B30			157	5			A/B/C	1	5
RRUS 4449 B5/B12			157	7			A/B/C	1	4
RRUS 4478 B14_CCIV2			157	5			A/B/C	1	5
RRUS 8843 B2/B6GA_CCIV2			157	7			A/B/C	1	2
DC6-48-60-18-8F			157	7			A/B	1	4
DC9-48-60-24-8C-EV			157	7			C	1	4

Mount Information

Elevation (ft)	154	Grating Thickness (in)	0
K _z	1.39	Grating Ice Weight (k/ft ²)	0.016
K _{iz}	1.17		
t _{iz}	1.75		

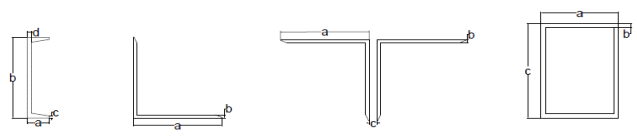
Mount Pipes	Length (ft)	Width (in)	Centerline
	10	2.375	154

Round Members

Member	Length (ft)	Width (in)	Frame Member	# of Members
DIAG	4.922	0.75	Side	2
FACE	13	2.38	Front	2
KICKER	4.61	2.31	Side	4
TIEBACK	6.729	2.38	Side	3
VERT	3	0.75	Front	4
BACK PIPE	3	4.5	No	1
Mface	13	3.5	Front	1

Flat Members

Member	Length (ft)	Width (in)	Shape	A	B	C	D	Frame Member	# of Members
PL	0.501	0.5	Channel	0	4	0	0.5	No	12
BACK PL	1	0.5	Channel	0	6	0	0.5	No	2
FACE PLATE	0.25	0.375	Channel	0	6	0	0.375	No	4
Stab	5.604	2.5	Angle		2.5	0.1875		No	4



Appurtenance Wind Calculations

Model	Height	Width	Depth	Weight (lbs)	Kz	qz (lb/ft ²)	(EPA) _w (ft ²)	(EPA) _s (ft ²)	Wind Force (Kips)				
									Front	Side	Alpha	Beta	Gamma
DMP65R-BU8D	96.0	20.7	7.7	105.6	1.39	46.00	15.86	5.95	0.730	0.274	0.616	0.616	0.274
DMP65R-BU8D	96.0	20.7	7.7	105.6	1.39	46.00	15.86	5.95	0.730	0.274	0.541	0.541	0.287
AIR 6419 B77G_CCV3	31.1	16.1	7.3	44.0	1.39	46.00	3.76	1.81	0.173	0.083	0.150	0.150	0.083
AIR 6419 B77G_CCV3	31.1	16.1	7.3	44.0	1.39	46.00	3.76	1.81	0.173	0.083	0.136	0.136	0.086
AIR 6449 B77D_CCV2	30.4	15.9	8.1	81.6	1.38	45.75	3.64	1.72	0.167	0.079	0.145	0.145	0.079
AIR 6449 B77D_CCV2	30.4	15.9	8.1	81.6	1.38	45.75	3.64	1.72	0.167	0.079	0.130	0.130	0.081
QD8616-7	96.0	22.0	9.6	150.0	1.39	46.00	18.35	7.99	0.844	0.368	0.725	0.725	0.368
QD8616-7	96.0	22.0	9.6	150.0	1.39	46.00	18.35	7.99	0.844	0.368	0.647	0.647	0.382
RRUS 4415 B30	16.5	13.5	6.3	47.4	1.39	46.00	1.67	0.78	0.077	0.036	0.067	0.067	0.036
RRUS 4449 B5/B12	17.9	13.2	9.4	71.0	1.39	46.00	1.77	1.27	0.081	0.058	0.076	0.076	0.058
RRUS 4478 B14_CCV2	18.1	13.4	8.3	59.4	1.39	46.00	1.82	1.12	0.084	0.052	0.076	0.076	0.052
RRUS 8843 B2/B66A_CCV2	18.0	13.2	11.3	75.0	1.39	46.00	1.78	1.53	0.082	0.070	0.079	0.079	0.070
DC6-48-60-18-8F	22.3	11.0	11.0	18.9	1.39	46.00	0.76	0.76	0.035	0.035	0.035	0.035	0.035
DC9-48-60-24-8C-EV	31.4	10.3	10.3	26.2	1.39	46.00	1.03	1.03	0.047	0.047	0.047	0.047	0.047

Appurtenance Ice Calculations

Model	tiz (in)	Height	Width	Depth	Weight (lbs)	Kiz	qz (lb/ft ²)	(EPA) _w (ft ²)	(EPA) _s (ft ²)	Wind Force (Kips)					
										Front	Side	Alpha	Beta	Gamma	
DMP65R-BU8D	1.75	99.51	24.21	24.21	11.21	378.88	1.17	8.40	17.30	8.06	0.145	0.068	0.126	0.126	0.068
DMP65R-BU8D	1.75	99.51	24.21	24.21	11.21	378.88	1.17	8.40	17.30	8.06	0.145	0.068	0.102	0.102	0.072
AIR 6419 B77G_CCV3	1.75	34.61	19.61	10.81	119.16	119.16	1.17	8.40	2.97	1.68	0.025	0.014	0.022	0.022	0.014
AIR 6419 B77G_CCV3	1.75	34.61	19.61	10.81	119.16	119.16	1.17	8.40	2.97	1.68	0.025	0.014	0.018	0.018	0.015
AIR 6449 B77D_CCV2	1.75	33.89	19.37	11.57	119.90	119.90	1.17	8.36	4.47	2.54	0.037	0.021	0.033	0.033	0.021
AIR 6449 B77D_CCV2	1.75	33.89	19.37	11.57	119.90	119.90	1.17	8.36	4.47	2.54	0.037	0.021	0.027	0.027	0.022
QD8616-7	1.75	99.51	25.51	13.11	420.95	420.95	1.17	8.40	19.85	10.19	0.167	0.086	0.146	0.146	0.086
QD8616-7	1.75	99.51	25.51	13.11	420.95	420.95	1.17	8.40	19.85	10.19	0.167	0.086	0.119	0.119	0.091
RRUS 4415 B30	1.75	20.04	16.97	9.80	62.57	62.57	1.17	8.40	1.49	0.86	0.013	0.007	0.011	0.011	0.007
RRUS 4449 B5/B12	1.75	21.41	16.70	12.95	77.72	77.72	1.17	8.40	1.57	1.22	0.013	0.010	0.012	0.012	0.010
RRUS 4478 B14_CCV2	1.75	21.61	16.91	11.77	74.37	74.37	1.17	8.40	1.60	1.12	0.013	0.009	0.012	0.012	0.009
RRUS 8843 B2/B66A_CCV2	1.75	21.51	16.71	14.81	85.39	85.39	1.17	8.40	1.58	1.40	0.013	0.012	0.013	0.013	0.012
DC6-48-60-18-8F	1.75	25.76	14.51	14.51	88.40	88.40	1.17	8.40	1.63	1.63	0.014	0.014	0.014	0.014	0.014
DC9-48-60-24-8C-EV	1.75	34.92	13.76	13.76	107.19	107.19	1.17	8.40	2.10	2.10	0.018	0.018	0.018	0.018	0.018

Round Members

Member	q _w (lb/ft ²)	Ar	C	Wind Calculations			Ice Calculations								
				Rrf	Cas	EPA (ft ²)	Load (k/ft)	Width (in)	Weight (k/ft)	q _w (lb/ft ²)	Arice	Rrfice	Cas	EPA (ft ²)	Load (k/ft)
DIAG	45.82	0.62	8.39	0.62	1.20	0.21	0.001	4.25	0.01	8.37	3.49	0.73	1.20	1.37	0.001
FACE	45.82	5.16	26.63	0.62	1.20	1.74	0.006	5.88	0.01	8.37	12.74	0.73	1.20	5.00	0.003
KICKER	45.82	3.55	25.84	0.62	1.20	0.60	0.003	5.81	0.01	8.37	8.93	0.73	1.20	1.75	0.002
TIEBACK	45.82	4.00	26.63	0.62	1.20	0.90	0.003	5.88	0.01	8.37	9.89	0.73	1.20	2.59	0.002
VERT	45.82	0.75	8.39	0.62	1.20	0.13	0.002	4.25	0.01	8.37	4.25	0.73	1.20	0.83	0.002
BACK PIPE	45.82	1.13	50.35	0.62	1.20	0.76	0.006	8.00	0.01	8.37	2.00	0.73	1.20	1.57	0.002
Mface	45.82	3.79	39.16	0.62	1.20	2.56	0.009	7.00	0.01	8.37	7.58	0.73	1.20	5.95	0.004

Flat Members

Member	q _w (lb/ft ²)	Af	Wind Calculations			Ice Calculations							
			Rrf	Cas	EPA	Load (k/ft)	Width (in)	Weight (k/ft)	q _w (lb/ft ²)	Arice	Rrfice	Cas	EPA	Load (k/ft)
PL	45.82	0.25	2.00	0.04	0.002	4.00	0.01	8.37	2.00	0.73	2.00	0.22	0.002
BACK PL	45.82	0.08	2.00	0.08	0.002	4.00	0.01	8.37	0.67	0.73	2.00	0.44	0.002
FACE PLATE	45.82	0.03	2.00	0.01	0.001	3.87	0.01	8.37	0.32	0.73	2.00	0.11	0.002
Stab	45.82	4.67	2.00	2.10	0.009	6.00	0.01	8.37	11.21	0.73	2.00	3.66	0.003

Appurtenance Seismic Calculations

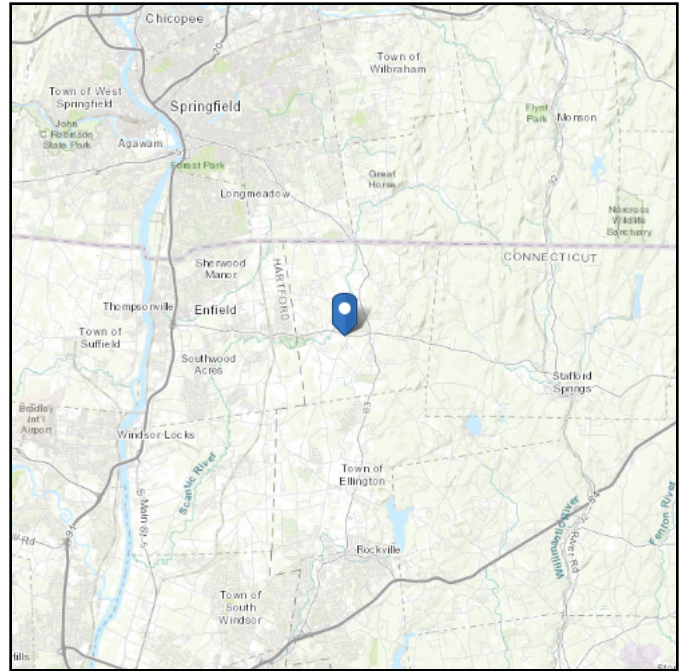
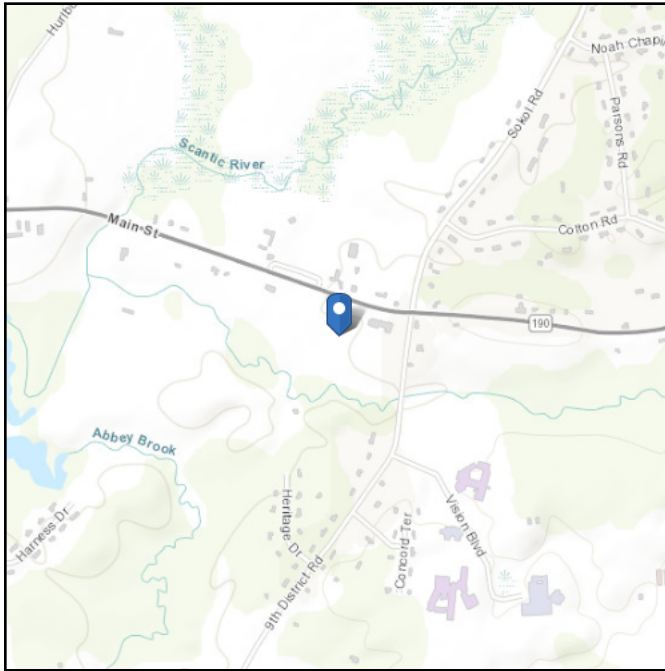
Model	Weight	Sds	ρ	Cs	As	Ev	Eh
DMP65R-BU8D	105.6	0.186	1.000	0.093	1.000	0.004	0.010
DMP65R-BU8D	105.6	0.186	1.000	0.093	1.000	0.004	0.010
AIR 6419 B77G_CCV3	44.0	0.186	1.000	0.093	1.000	0.002	0.004
AIR 6419 B77G_CCV3	44.0	0.186	1.000	0.093	1.000	0.002	0.004
AIR 6449 B77D_CCV2	81.6	0.186	1.000	0.093	1.000	0.003	0.008
AIR 6449 B77D_CCV2	81.6	0.186	1.000	0.093	1.000	0.003	0.008
QD8616-7	150.0	0.186	1.000	0.093	1.000	0.006	0.014
QD8616-7	150.0	0.186	1.000	0.093	1.000	0.006	0.014
RRUS 4415 B30	47.4	0.186	1.000	0.093	1.000	0.002	0.004
RRUS 4449 B5/B12	71.0	0.186	1.000	0.093	1.000	0.003	0.007
RRUS 4478 B14_CCV2	59.4	0.186	1.000	0.093	1.000	0.002	0.006
RRUS 8843 B2/B66A_CCV2	75.0	0.186	1.000	0.093	1.000	0.003	0.007
DC6-48-60-18-8F	18.9	0.186	1.000	0.093	1.000	0.001	0.002
DC9-48-60-24-8C-EV	26.2	0.186	1.000	0.093	1.000	0.001	0.002

ASCE 7 Hazards Report

Address:
No Address at This
Location

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Default (see
Section 11.4.3)

Elevation: 197.69 ft (NAVD 88)
Latitude: 41.983744
Longitude: -72.465797



Wind

Results:

Wind Speed	117 Vmph
10-year MRI	75 Vmph
25-year MRI	83 Vmph
50-year MRI	90 Vmph
100-year MRI	97 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Wed Mar 23 2022

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

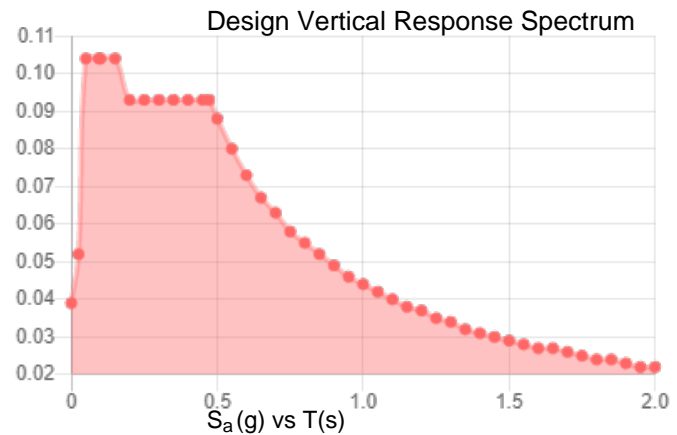
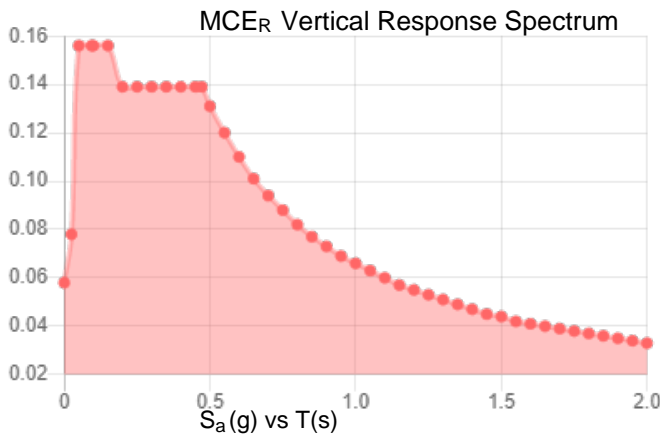
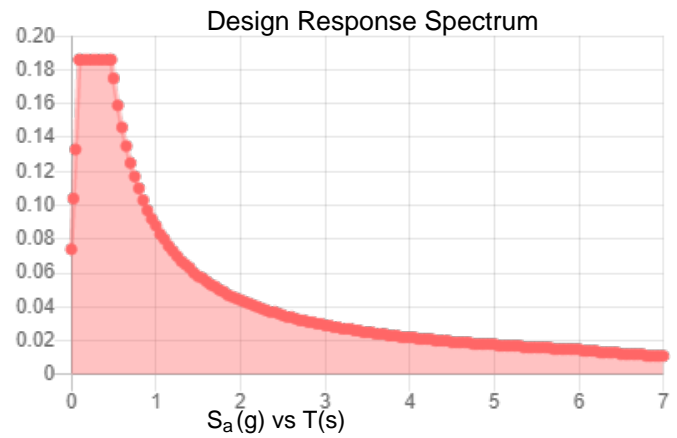
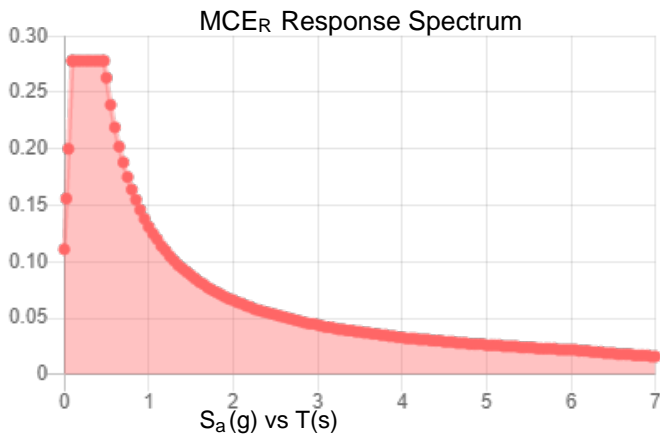
Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

Site Soil Class: D - Default (see Section 11.4.3)

Results:

S_S :	0.174	S_{D1} :	0.088
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.091
F_v :	2.4	PGA _M :	0.146
S_{MS} :	0.278	F_{PGA} :	1.6
S_{M1} :	0.131	I_e :	1
S_{DS} :	0.186	C_v :	0.7

Seismic Design Category B



Data Accessed: Wed Mar 23 2022

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness: 1.50 in.
Concurrent Temperature: 5 F
Gust Speed 50 mph

Data Source: Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8

Date Accessed: Wed Mar 23 2022

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

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

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APPENDIX C
Software Analysis Output



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

May 13, 2022
 8:22 AM
 Checked By: _____

Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[...]	Lcomp bot[...]	L-torg...	Kyy	Kzz	Cb	Functi...
1	BACK PIPE1	PIPE 4.0	5.333			Lbyy						Lateral
2	BACK PIPE1 B	PIPE 4.0	5.333			Lbyy						Lateral
3	BACK PIPE1 C	PIPE 4.0	5.333			Lbyy						Lateral
4	BACK1	PL 6x0.5	1			Lbyy						Lateral
5	BACK1 B	PL 6x0.5	1			Lbyy						Lateral
6	BACK1 C	PL 6x0.5	1			Lbyy						Lateral
7	BACK2	PL 6x0.5	1			Lbyy						Lateral
8	BACK2 B	PL 6x0.5	1			Lbyy						Lateral
9	BACK2 C	PL 6x0.5	1			Lbyy						Lateral
10	DIAG1	SR 0.75	4.922	4.722	4.722	Lbyy			.7	.7		Lateral
11	DIAG1 B	SR 0.75	4.922	4.722	4.722	Lbyy			.7	.7		Lateral
12	DIAG1 C	SR 0.75	4.922	4.722	4.722	Lbyy			.7	.7		Lateral
13	DIAG2	SR 0.75	4.922	4.722	4.722	Lbyy			.7	.7		Lateral
14	DIAG2 B	SR 0.75	4.922	4.722	4.722	Lbyy			.7	.7		Lateral
15	DIAG2 C	SR 0.75	4.922	4.722	4.722	Lbyy			.7	.7		Lateral
16	FACE PL1	PL6x0.375	.25			Lbyy						Lateral
17	FACE PL1 B	PL6x0.375	.25			Lbyy						Lateral
18	FACE PL1 C	PL6x0.375	.25			Lbyy						Lateral
19	FACE PL2	PL6x0.375	.25			Lbyy						Lateral
20	FACE PL2 B	PL6x0.375	.25			Lbyy						Lateral
21	FACE PL2 C	PL6x0.375	.25			Lbyy						Lateral
22	FACE PL3	PL6x0.375	.25			Lbyy						Lateral
23	FACE PL3 B	PL6x0.375	.25			Lbyy						Lateral
24	FACE PL3 C	PL6x0.375	.25			Lbyy						Lateral
25	FACE PL4	PL6x0.375	.25			Lbyy						Lateral
26	FACE PL4 B	PL6x0.375	.25			Lbyy						Lateral
27	FACE PL4 C	PL6x0.375	.25			Lbyy						Lateral
28	FACE1	PIPE 2.0X	13	8.25		Lbyy						Lateral
29	FACE1 B	PIPE 2.0X	13	8.25		Lbyy						Lateral
30	FACE1 C	PIPE 2.0X	13	8.25		Lbyy						Lateral
31	FACE2	PIPE 2.0X	13	8.25		Lbyy						Lateral
32	FACE2 B	PIPE 2.0X	13	8.25		Lbyy						Lateral
33	FACE2 C	PIPE 2.0X	13	8.25		Lbyy						Lateral
34	KICKER1	PIPE 2.0X	4.61	4.11	4.11	Lbyy						Lateral
35	KICKER1 B	PIPE 2.0X	4.61	4.11	4.11	Lbyy						Lateral
36	KICKER1 C	PIPE 2.0X	4.61	4.11	4.11	Lbyy						Lateral
37	KICKER2	PIPE 2.0X	4.61	4.11	3.9	Lbyy						Lateral
38	KICKER2 B	PIPE 2.0X	4.61	4.11	3.9	Lbyy						Lateral
39	KICKER2 C	PIPE 2.0X	4.61	4.11	3.9	Lbyy						Lateral
40	KICKER3	PIPE 2.0X	4.61	4.11	4.11	Lbyy						Lateral
41	KICKER3 B	PIPE 2.0X	4.61	4.11	4.11	Lbyy						Lateral
42	KICKER3 C	PIPE 2.0X	4.61	4.11	4.11	Lbyy						Lateral
43	KICKER4	PIPE 2.0X	4.61		3.9	Lbyy						Lateral
44	KICKER4 B	PIPE 2.0X	4.61		3.9	Lbyy						Lateral
45	KICKER4 C	PIPE 2.0X	4.61		3.9	Lbyy						Lateral
46	MAFACE	PIPE 3.0	13	8.25		Lbyy						Lateral
47	MASTAB1	L2.5x2.5x3	5.95			Lbyy						Lateral
48	MASTAB2	L2.5x2.5x3	5.258			Lbyy						Lateral
49	MASTAB3	L2.5x2.5x3	5.258			Lbyy						Lateral
50	MASTAB4	L2.5x2.5x3	5.95			Lbyy						Lateral
51	MATIEBACK	PIPE 2.0	6.743			Lbyy						Lateral
52	MBFACE	PIPE 3.0	13	8.25		Lbyy						Lateral
53	MBSTAB1	L2.5x2.5x3	5.95			Lbyy						Lateral
54	MBSTAB2	L2.5x2.5x3	5.258			Lbyy						Lateral
55	MBSTAB3	L2.5x2.5x3	5.258			Lbyy						Lateral
56	MBSTAB4	L2.5x2.5x3	5.95			Lbyy						Lateral



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 Designer : JMM
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Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[...]	Lcomp bot[...]	L-torq...	Kyy	Kzz	Cb	Funci...
57	MBTIEBACK	PIPE 2.0	6.743			Lbyy					Lateral
58	MCFACE	PIPE 3.0	13	8.25		Lbyy					Lateral
59	MCSTAB1	L2.5x2.5x3	5.95			Lbyy					Lateral
60	MCSTAB2	L2.5x2.5x3	5.258			Lbyy					Lateral
61	MCSTAB3	L2.5x2.5x3	5.258			Lbyy					Lateral
62	MCSTAB4	L2.5x2.5x3	5.95			Lbyy					Lateral
63	MCTIEBACK	PIPE 2.0	6.743			Lbyy					Lateral
64	MP ALPHA2	PIPE 2.0	10			Lbyy					Lateral
65	MP ALPHA3	PIPE 2.0	10			Lbyy					Lateral
66	MP ALPHA4	PIPE 2.0	10			Lbyy					Lateral
67	MP BETA2	PIPE 2.0	10			Lbyy					Lateral
68	MP BETA3	PIPE 2.0	10			Lbyy					Lateral
69	MP BETA4	PIPE 2.0	10			Lbyy					Lateral
70	MP GAMMA2	PIPE 2.0	10			Lbyy					Lateral
71	MP GAMMA3	PIPE 2.0	10			Lbyy					Lateral
72	MP GAMMA4	PIPE 2.0	10			Lbyy					Lateral
73	PLATE 1	PL4x0.5	.5			Lbyy					Lateral
74	PLATE 1 B	PL4x0.5	.5			Lbyy					Lateral
75	PLATE 1 C	PL4x0.5	.5			Lbyy					Lateral
76	PLATE 2	PL4x0.5	.333			Lbyy					Lateral
77	PLATE 2 B	PL4x0.5	.333			Lbyy					Lateral
78	PLATE 2 C	PL4x0.5	.333			Lbyy					Lateral
79	PLATE 3	PL4x0.5	.25			Lbyy					Lateral
80	PLATE 3 B	PL4x0.5	.25			Lbyy					Lateral
81	PLATE 3 C	PL4x0.5	.25			Lbyy					Lateral
82	PLATE 4	PL4x0.5	.501			Lbyy					Lateral
83	PLATE 4 B	PL4x0.5	.501			Lbyy					Lateral
84	PLATE 4 C	PL4x0.5	.501			Lbyy					Lateral
85	PLATE 5	PL4x0.5	.25			Lbyy					Lateral
86	PLATE 5 B	PL4x0.5	.25			Lbyy					Lateral
87	PLATE 5 C	PL4x0.5	.25			Lbyy					Lateral
88	PLATE 6	PL4x0.5	.333			Lbyy					Lateral
89	PLATE 6 B	PL4x0.5	.333			Lbyy					Lateral
90	PLATE 6 C	PL4x0.5	.333			Lbyy					Lateral
91	PLATE 7	PL4x0.5	.5			Lbyy					Lateral
92	PLATE 7 B	PL4x0.5	.5			Lbyy					Lateral
93	PLATE 7 C	PL4x0.5	.5			Lbyy					Lateral
94	PLATE 8	PL4x0.5	.333			Lbyy					Lateral
95	PLATE 8 B	PL4x0.5	.333			Lbyy					Lateral
96	PLATE 8 C	PL4x0.5	.333			Lbyy					Lateral
97	PLATE 9	PL4x0.5	.25			Lbyy					Lateral
98	PLATE 9 B	PL4x0.5	.25			Lbyy					Lateral
99	PLATE 9 C	PL4x0.5	.25			Lbyy					Lateral
100	PLATE 10	PL4x0.5	.501			Lbyy					Lateral
101	PLATE 10 B	PL4x0.5	.501			Lbyy					Lateral
102	PLATE 10 C	PL4x0.5	.501			Lbyy					Lateral
103	PLATE 11	PL4x0.5	.25			Lbyy					Lateral
104	PLATE 11 B	PL4x0.5	.25			Lbyy					Lateral
105	PLATE 11 C	PL4x0.5	.25			Lbyy					Lateral
106	PLATE12	PL4x0.5	.333			Lbyy					Lateral
107	PLATE12 B	PL4x0.5	.333			Lbyy					Lateral
108	PLATE12 C	PL4x0.5	.333			Lbyy					Lateral
109	TIEBACK1	PIPE 2.0	6.743			Lbyy					Lateral
110	TIEBACK1 B	PIPE 2.0	6.743			Lbyy					Lateral
111	TIEBACK1 C	PIPE 2.0	6.743			Lbyy					Lateral
112	TIEBACK2	PIPE 2.0	6.736			Lbyy					Lateral
113	TIEBACK2 B	PIPE 2.0	6.736			Lbyy					Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[...]	Lcomp bot[...]	L-torq...	Kyy	Kzz	Cb	Functi...
114	TIEBACK2 C	PIPE 2.0	6.736			Lbyy						Lateral
115	VERT1	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
116	VERT1 B	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
117	VERT1 C	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
118	VERT2	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
119	VERT2 B	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
120	VERT2 C	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
121	VERT3	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
122	VERT3 B	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
123	VERT3 C	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
124	VERT4	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
125	VERT4 B	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
126	VERT4 C	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
127	MP ALPHA5	PIPE 2.0	6			Lbyy						Lateral
128	MP BETA5	PIPE 2.0	6			Lbyy						Lateral
129	MP GAMMA5	PIPE 2.0	6			Lbyy						Lateral

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate...	Section/Shape	Type	Design List	Material	Design Rules
1	2	N85A	N86C			RIGID	None	None	RIGID	Typical
2	2 B	N174	N175			RIGID	None	None	RIGID	Typical
3	2 C	N271	N272		180	RIGID	None	None	RIGID	Typical
4	3	N17	N18			RIGID	None	None	RIGID	Typical
5	3 B	N102A	N103			RIGID	None	None	RIGID	Typical
6	3 C	N199	N200		180	RIGID	None	None	RIGID	Typical
7	6	N40	N39			RIGID	None	None	RIGID	Typical
8	6 B	N112	N111A			RIGID	None	None	RIGID	Typical
9	6 C	N209	N208		180	RIGID	None	None	RIGID	Typical
10	8	N89	N58			RIGID	None	None	RIGID	Typical
11	8 B	N135	N125			RIGID	None	None	RIGID	Typical
12	8 C	N232	N222		180	RIGID	None	None	RIGID	Typical
13	9	N87A	N88A			RIGID	None	None	RIGID	Typical
14	9 B	N136	N137			RIGID	None	None	RIGID	Typical
15	9 C	N233	N234		180	RIGID	None	None	RIGID	Typical
16	10	N97A	N98			RIGID	None	None	RIGID	Typical
17	10 B	N144	N145			RIGID	None	None	RIGID	Typical
18	10 C	N241	N242		180	RIGID	None	None	RIGID	Typical
19	11	N100	N99			RIGID	None	None	RIGID	Typical
20	11 B	N147	N146			RIGID	None	None	RIGID	Typical
21	11 C	N244	N243		180	RIGID	None	None	RIGID	Typical
22	12	N88	N79			RIGID	None	None	RIGID	Typical
23	12 B	N159	N150			RIGID	None	None	RIGID	Typical
24	12 C	N256	N247		180	RIGID	None	None	RIGID	Typical
25	13	N89A	N90			RIGID	None	None	RIGID	Typical
26	13 B	N160	N161			RIGID	None	None	RIGID	Typical
27	13 C	N257	N258		180	RIGID	None	None	RIGID	Typical
28	14	N27A	N93B			RIGID	None	None	RIGID	Typical
29	14 B	N107	N166		180	RIGID	None	None	RIGID	Typical
30	14 C	N204	N263		180	RIGID	None	None	RIGID	Typical
31	15	N26	N32			RIGID	None	None	RIGID	Typical
32	15 B	N106	N110A		180	RIGID	None	None	RIGID	Typical
33	15 C	N203	N207		180	RIGID	None	None	RIGID	Typical
34	16	N3	N86A			RIGID	None	None	RIGID	Typical
35	16 B	N98C	N134		180	RIGID	None	None	RIGID	Typical
36	16 C	N195	N231		180	RIGID	None	None	RIGID	Typical



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Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate...	Section/Shape	Type	Design List	Material	Design Rules
37	17	N4	N94C			RIGID	None	None	RIGID	Typical
38	17 B	N99A	N167		180	RIGID	None	None	RIGID	Typical
39	17 C	N196	N264		180	RIGID	None	None	RIGID	Typical
40	18	N86A	N96B			RIGID	None	None	RIGID	Typical
41	18 B	N134	N173		240	RIGID	None	None	RIGID	Typical
42	18 C	N231	N270		120	RIGID	None	None	RIGID	Typical
43	19	N32	N95B			RIGID	None	None	RIGID	Typical
44	19 B	N110A	N172		240	RIGID	None	None	RIGID	Typical
45	19 C	N207	N269		120	RIGID	None	None	RIGID	Typical
46	21	N249	N314			RIGID	None	None	RIGID	Typical
47	21 B	N110	N190			RIGID	None	None	RIGID	Typical
48	21 C	N193	N287		180	RIGID	None	None	RIGID	Typical
49	22	N304	N318			RIGID	None	None	RIGID	Typical
50	22 B	N111	N191			RIGID	None	None	RIGID	Typical
51	22 C	N194	N288		180	RIGID	None	None	RIGID	Typical
52	24	N96	N97C			RIGID	None	None	RIGID	Typical
53	24 B	N184	N186			RIGID	None	None	RIGID	Typical
54	24 C	N281	N283		180	RIGID	None	None	RIGID	Typical
55	25	N97	N98B			RIGID	None	None	RIGID	Typical
56	25 B	N185	N187			RIGID	None	None	RIGID	Typical
57	25 C	N282	N284		180	RIGID	None	None	RIGID	Typical
58	26	N88C	N87B			RIGID	None	None	RIGID	Typical
59	26 B	N177	N176			RIGID	None	None	RIGID	Typical
60	26 C	N274	N273		180	RIGID	None	None	RIGID	Typical
61	BACK PIPE1	N276A	N275A			PIPE 4.0	Beam	Pipe	A500 Gr.B RND	Typical
62	BACK PIPE1 B	N183	N182		240	PIPE 4.0	Beam	Pipe	A500 Gr.B RND	Typical
63	BACK PIPE1 C	N280	N279		120	PIPE 4.0	Beam	Pipe	A500 Gr.B RND	Typical
64	BACK1	N5	N6			PL 6x0.5	Beam	RECT	A572 Gr.50	Typical
65	BACK1 B	N100A	N101A		180	PL 6x0.5	Beam	RECT	A572 Gr.50	Typical
66	BACK1 C	N197	N198		180	PL 6x0.5	Beam	RECT	A572 Gr.50	Typical
67	BACK2	N28	N29			PL 6x0.5	Beam	RECT	A572 Gr.50	Typical
68	BACK2 B	N108	N109		180	PL 6x0.5	Beam	RECT	A572 Gr.50	Typical
69	BACK2 C	N205	N206		180	PL 6x0.5	Beam	RECT	A572 Gr.50	Typical
70	DIAG1	N58A	N53			SR 0.75	Beam	BAR	A572 Gr.50	Typical
71	DIAG1 B	N122	N117		100.511	SR 0.75	Beam	BAR	A572 Gr.50	Typical
72	DIAG1 C	N219	N214		219.696	SR 0.75	Beam	BAR	A572 Gr.50	Typical
73	DIAG2	N60A	N55			SR 0.75	Beam	BAR	A572 Gr.50	Typical
74	DIAG2 B	N124	N119		140.304	SR 0.75	Beam	BAR	A572 Gr.50	Typical
75	DIAG2 C	N221	N216		259.489	SR 0.75	Beam	BAR	A572 Gr.50	Typical
76	FACE PL1	N92C	N90B			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
77	FACE PL1 B	N165	N163			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
78	FACE PL1 C	N262	N260		180	PL6x0.375	Beam	RECT	A572 Gr.50	Typical
79	FACE PL2	N98A	N96A			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
80	FACE PL2 B	N171	N169			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
81	FACE PL2 C	N268	N266		180	PL6x0.375	Beam	RECT	A572 Gr.50	Typical
82	FACE PL3	N91C	N89D			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
83	FACE PL3 B	N164	N162			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
84	FACE PL3 C	N261	N259		180	PL6x0.375	Beam	RECT	A572 Gr.50	Typical
85	FACE PL4	N97B	N95A			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
86	FACE PL4 B	N170	N168			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
87	FACE PL4 C	N267	N265		180	PL6x0.375	Beam	RECT	A572 Gr.50	Typical
88	FACE1	N93	N91			PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
89	FACE1 B	N140	N138		180	PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
90	FACE1 C	N237	N235		180	PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
91	FACE2	N94	N92			PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
92	FACE2 B	N141	N139		180	PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
93	FACE2 C	N238	N236		180	PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical



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Member Primary Data (Continued)

Label	I Joint	J Joint	K Joint	Rotate...	Section/Shape	Type	Design List	Material	Design Rules
94	KICKER1	N3	N5		PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
95	KICKER1 B	N98C	N100A		PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
96	KICKER1 C	N195	N197	180	PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
97	KICKER2	N26	N28		PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
98	KICKER2 B	N106	N108		PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
99	KICKER2 C	N203	N205	180	PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
100	KICKER3	N4	N6		PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
101	KICKER3 B	N99A	N101A	180	PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
102	KICKER3 C	N196	N198		PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
103	KICKER4	N27A	N29		PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
104	KICKER4 B	N107	N109	180	PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
105	KICKER4 C	N204	N206		PIPE 2.0X	Beam	Pipe	A500 Gr.B RND	Typical
106	M179	N293	N292		RIGID	None	None	RIGID	Typical
107	M180	N291	N290		RIGID	None	None	RIGID	Typical
108	M182	N285	N284A		RIGID	None	None	RIGID	Typical
109	M183	N294	N295		RIGID	None	None	RIGID	Typical
110	M187	N308	N307	180	RIGID	None	None	RIGID	Typical
111	M188	N306	N305	180	RIGID	None	None	RIGID	Typical
112	M190	N300	N299	180	RIGID	None	None	RIGID	Typical
113	M195	N323	N322		RIGID	None	None	RIGID	Typical
114	M196	N321	N320		RIGID	None	None	RIGID	Typical
115	M198	N315	N314A		RIGID	None	None	RIGID	Typical
116	M204	N93B	N328		RIGID	None	None	RIGID	Typical
117	M205A	N298	N336A		RIGID	None	None	RIGID	Typical
118	M206	N331	N333		RIGID	None	None	RIGID	Typical
119	M206A	N263	N332	240	RIGID	None	None	RIGID	Typical
120	M206B	N297	N335		RIGID	None	None	RIGID	Typical
121	M207	N333A	N334	180	RIGID	None	None	RIGID	Typical
122	M207A	N338A	N337A		RIGID	None	None	RIGID	Typical
123	M208B	N331A	N332A		RIGID	None	None	RIGID	Typical
124	M209	N166	N336	120	RIGID	None	None	RIGID	Typical
125	M209B	N334A	N336B		RIGID	None	None	RIGID	Typical
126	M210	N337	N338	180	RIGID	None	None	RIGID	Typical
127	M210A	N333B	N335A		RIGID	None	None	RIGID	Typical
128	M211	N338B	N337B		RIGID	None	None	RIGID	Typical
129	M214	N333C	N334B	180	RIGID	None	None	RIGID	Typical
130	M215	N336C	N338C	120	RIGID	None	None	RIGID	Typical
131	M216	N335B	N337C	120	RIGID	None	None	RIGID	Typical
132	M217	N340	N339	180	RIGID	None	None	RIGID	Typical
133	M220	N341	N342	180	RIGID	None	None	RIGID	Typical
134	M221	N344	N346	120	RIGID	None	None	RIGID	Typical
135	M222	N343	N345	120	RIGID	None	None	RIGID	Typical
136	M223	N348	N347	180	RIGID	None	None	RIGID	Typical
137	M226	N349	N350		RIGID	None	None	RIGID	Typical
138	M227	N352	N354	240	RIGID	None	None	RIGID	Typical
139	M228	N351	N353	240	RIGID	None	None	RIGID	Typical
140	M229	N356	N355	180	RIGID	None	None	RIGID	Typical
141	M232	N357	N358		RIGID	None	None	RIGID	Typical
142	M233	N360	N362	240	RIGID	None	None	RIGID	Typical
143	M234	N359	N361	240	RIGID	None	None	RIGID	Typical
144	M235	N364	N363	180	RIGID	None	None	RIGID	Typical
145	MAFACE	N289	N288A		PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical
146	MASTAB1	N337A	N336A	90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
147	MASTAB2	N337B	N336B	113.382	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
148	MASTAB3	N338B	N335A	156.618	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
149	MASTAB4	N338A	N335	180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
150	MATIEBACK	N328	N331		PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical



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Member Primary Data (Continued)

Label	I Joint	J Joint	K Joint	Rotate...	Section/Shape	Type	Design List	Material	Design Rules	
151	MBFACE	N364A	N363A		180	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical
152	MBSTAB1	N355	N354		263.946	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
153	MBSTAB2	N363	N362		258.253	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
154	MBSTAB3	N364	N361		225.655	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
155	MBSTAB4	N356	N353		204.019	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
156	MBTIEBACK	N336	N337		174.723	PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
157	MCFACE	N362A	N361A		180	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical
158	MCSTAB1	N339	N338C		65.981	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
159	MCSTAB2	N347	N346		44.345	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
160	MCSTAB3	N348	N345		11.747	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
161	MCSTAB4	N340	N337C		6.054	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
162	MCTIEBACK	N332	N333A		350.886	PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
163	MP ALPHA2	N102	N101			PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
164	MP ALPHA3	N90A	N89C			PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
165	MP ALPHA4	N88B	N50A			PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
166	MP BETA2	N149	N148		240	PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
167	MP BETA3	N179	N178		240	PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
168	MP BETA4	N142	N115		240	PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
169	MP GAMMA2	N246	N245		120	PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
170	MP GAMMA3	N276	N275		120	PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
171	MP GAMMA4	N239	N212		120	PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
172	PLATE 1	N80	N81			PL4x0.5	Beam	RECT	A572 Gr.50	Typical
173	PLATE 1 B	N151	N152		180	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
174	PLATE 1 C	N248	N249A		180	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
175	PLATE 2	N80	N82			PL4x0.5	Beam	RECT	A572 Gr.50	Typical
176	PLATE 2 B	N151	N153		120	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
177	PLATE 2 C	N248	N250		240	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
178	PLATE 3	N86	N85		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
179	PLATE 3 B	N157	N156		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
180	PLATE 3 C	N254	N253		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
181	PLATE 4	N87C	N86		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
182	PLATE 4 B	N158	N157		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
183	PLATE 4 C	N255	N254		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
184	PLATE 5	N87C	N84		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
185	PLATE 5 B	N158	N155		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
186	PLATE 5 C	N255	N252		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
187	PLATE 6	N60B	N62			PL4x0.5	Beam	RECT	A572 Gr.50	Typical
188	PLATE 6 B	N127	N129		240	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
189	PLATE 6 C	N224	N226		120	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
190	PLATE 7	N59B	N60B			PL4x0.5	Beam	RECT	A572 Gr.50	Typical
191	PLATE 7 B	N126	N127		180	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
192	PLATE 7 C	N223	N224		180	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
193	PLATE 8	N59B	N61A			PL4x0.5	Beam	RECT	A572 Gr.50	Typical
194	PLATE 8 B	N126	N128		240	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
195	PLATE 8 C	N223	N225		120	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
196	PLATE 9	N69	N64		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
197	PLATE 9 B	N132	N131		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
198	PLATE 9 C	N229	N228		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
199	PLATE 10	N70	N69		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
200	PLATE 10 B	N133	N132		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
201	PLATE 10 C	N230	N229		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
202	PLATE 11	N70	N63		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
203	PLATE 11 B	N133	N130		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
204	PLATE 11 C	N230	N227		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
205	PLATE12	N81	N83			PL4x0.5	Beam	RECT	A572 Gr.50	Typical
206	PLATE12 B	N152	N154		120	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
207	PLATE12 C	N249A	N251		240	PL4x0.5	Beam	RECT	A572 Gr.50	Typical



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	Label	I Joint	J Joint	K Joint	Rotate...	Section/Shape	Type	Design List	Material	Design Rules
208	TIEBACK1	N95B	N111			PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
209	TIEBACK1 B	N172	N194		9.114	PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
210	TIEBACK1 C	N269	N304		185.277	PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
211	TIEBACK2	N96B	N110			PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
212	TIEBACK2 B	N173	N193			PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
213	TIEBACK2 C	N270	N249		180	PIPE 2.0	Beam	Pipe	A500 Gr.B RND	Typical
214	VERT1	N53	N57			SR 0.75	Beam	BAR	A572 Gr.50	Typical
215	VERT1 B	N117	N121		240	SR 0.75	Beam	BAR	A572 Gr.50	Typical
216	VERT1 C	N214	N218		120	SR 0.75	Beam	BAR	A572 Gr.50	Typical
217	VERT2	N54	N58A			SR 0.75	Beam	BAR	A572 Gr.50	Typical
218	VERT2 B	N118	N122		240	SR 0.75	Beam	BAR	A572 Gr.50	Typical
219	VERT2 C	N215	N219		120	SR 0.75	Beam	BAR	A572 Gr.50	Typical
220	VERT3	N55	N59			SR 0.75	Beam	BAR	A572 Gr.50	Typical
221	VERT3 B	N119	N123		240	SR 0.75	Beam	BAR	A572 Gr.50	Typical
222	VERT3 C	N216	N220		120	SR 0.75	Beam	BAR	A572 Gr.50	Typical
223	VERT4	N56	N60A			SR 0.75	Beam	BAR	A572 Gr.50	Typical
224	VERT4 B	N120	N124		240	SR 0.75	Beam	BAR	A572 Gr.50	Typical
225	VERT4 C	N217	N221		120	SR 0.75	Beam	BAR	A572 Gr.50	Typical
226	M226A	N343A	N341A			RIGID	None	None	RIGID	Typical
227	M227A	N344A	N342A			RIGID	None	None	RIGID	Typical
228	MP ALPHA5	N345A	N346A			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
229	M229A	N350A	N348A		180	RIGID	None	None	RIGID	Typical
230	M230	N351A	N349A		180	RIGID	None	None	RIGID	Typical
231	MP BETA5	N352A	N353A		240	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
232	M232A	N357A	N355A			RIGID	None	None	RIGID	Typical
233	M233A	N358A	N356A			RIGID	None	None	RIGID	Typical
234	MP GAMMA5	N359A	N360A		120	PIPE 2.0	Beam	Pipe	A53 Gr.B	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	2						Yes	** NA **			None
2	2 B						Yes	** NA **			None
3	2 C						Yes	** NA **			None
4	3						Yes	** NA **			None
5	3 B						Yes	** NA **			None
6	3 C						Yes	** NA **			None
7	6						Yes	** NA **			None
8	6 B						Yes	** NA **			None
9	6 C						Yes	** NA **			None
10	8	OOOOOX					Yes	** NA **			None
11	8 B	OOOOOX					Yes	** NA **			None
12	8 C	OOOOOX					Yes	** NA **			None
13	9						Yes	** NA **			None
14	9 B						Yes	** NA **			None
15	9 C						Yes	** NA **			None
16	10						Yes	** NA **			None
17	10 B						Yes	** NA **			None
18	10 C						Yes	** NA **			None
19	11						Yes	** NA **			None
20	11 B						Yes	** NA **			None
21	11 C						Yes	** NA **			None
22	12	OOOOOX					Yes	** NA **			None
23	12 B	OOOOOX					Yes	** NA **			None
24	12 C	OOOOOX					Yes	** NA **			None
25	13						Yes	** NA **			None



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	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
26	13 B						Yes	** NA **			None
27	13 C						Yes	** NA **			None
28	14						Yes	** NA **			None
29	14 B						Yes	** NA **			None
30	14 C						Yes	** NA **			None
31	15						Yes	** NA **			None
32	15 B						Yes	** NA **			None
33	15 C						Yes	** NA **			None
34	16						Yes	** NA **			None
35	16 B						Yes	** NA **			None
36	16 C						Yes	** NA **			None
37	17						Yes	** NA **			None
38	17 B						Yes	** NA **			None
39	17 C						Yes	** NA **			None
40	18						Yes	** NA **			None
41	18 B						Yes	** NA **			None
42	18 C						Yes	** NA **			None
43	19						Yes	** NA **			None
44	19 B						Yes	** NA **			None
45	19 C						Yes	** NA **			None
46	21						Yes	** NA **			None
47	21 B						Yes	** NA **			None
48	21 C						Yes	** NA **			None
49	22						Yes	** NA **			None
50	22 B						Yes	** NA **			None
51	22 C						Yes	** NA **			None
52	24	OOOOOX					Yes	** NA **			None
53	24 B	OOOOOX					Yes	** NA **			None
54	24 C	OOOOOX					Yes	** NA **			None
55	25	OOOOOX					Yes	** NA **			None
56	25 B	OOOOOX					Yes	** NA **			None
57	25 C	OOOOOX					Yes	** NA **			None
58	26						Yes	** NA **			None
59	26 B						Yes	** NA **			None
60	26 C						Yes	** NA **			None
61	BACK PIPE1						Yes				None
62	BACK PIP...						Yes				None
63	BACK PIP...						Yes	Default			None
64	BACK1						Yes				None
65	BACK1 B						Yes				None
66	BACK1 C						Yes				None
67	BACK2						Yes	Default			None
68	BACK2 B						Yes	Default			None
69	BACK2 C						Yes	Default			None
70	DIAG1					Tension ...	Yes	Default			None
71	DIAG1 B					Tension ...	Yes	Default			None
72	DIAG1 C					Tension ...	Yes	Default			None
73	DIAG2					Tension ...	Yes				None
74	DIAG2 B					Tension ...	Yes				None
75	DIAG2 C					Tension ...	Yes				None
76	FACE PL1						Yes				None
77	FACE PL1 B						Yes				None
78	FACE PL1 C						Yes				None
79	FACE PL2						Yes				None
80	FACE PL2 B						Yes				None
81	FACE PL2 C						Yes				None
82	FACE PL3						Yes				None



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	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
83	FACE PL3 B						Yes				None
84	FACE PL3 C						Yes				None
85	FACE PL4						Yes				None
86	FACE PL4 B						Yes				None
87	FACE PL4 C						Yes				None
88	FACE1						Yes	Default			None
89	FACE1 B						Yes	Default			None
90	FACE1 C						Yes	Default			None
91	FACE2						Yes	Default			None
92	FACE2 B						Yes	Default			None
93	FACE2 C						Yes	Default			None
94	KICKER1	OOOOOX					Yes	Default			None
95	KICKER1 B	OOOOOX					Yes	Default			None
96	KICKER1 C	OOOOOX					Yes	Default			None
97	KICKER2	OOOOOX					Yes	Default			None
98	KICKER2 B	OOOOOX					Yes	Default			None
99	KICKER2 C	OOOOOX					Yes	Default			None
100	KICKER3	OOOOOX					Yes	Default			None
101	KICKER3 B	OOOOOX					Yes	Default			None
102	KICKER3 C	OOOOOX					Yes	Default			None
103	KICKER4	OOOOOX					Yes	Default			None
104	KICKER4 B	OOOOOX					Yes	Default			None
105	KICKER4 C	OOOOOX					Yes	Default			None
106	M179						Yes	** NA **			None
107	M180						Yes	** NA **			None
108	M182						Yes	** NA **			None
109	M183						Yes	** NA **			None
110	M187						Yes	** NA **			None
111	M188						Yes	** NA **			None
112	M190						Yes	** NA **			None
113	M195						Yes	** NA **			None
114	M196						Yes	** NA **			None
115	M198						Yes	** NA **			None
116	M204						Yes	** NA **			None
117	M205A						Yes	** NA **			None
118	M206						Yes	** NA **			None
119	M206A						Yes	** NA **			None
120	M206B						Yes	** NA **			None
121	M207						Yes	** NA **			None
122	M207A						Yes	** NA **			None
123	M208B						Yes	** NA **			None
124	M209						Yes	** NA **			None
125	M209B						Yes	** NA **			None
126	M210						Yes	** NA **			None
127	M210A						Yes	** NA **			None
128	M211						Yes	** NA **			None
129	M214						Yes	** NA **			None
130	M215						Yes	** NA **			None
131	M216						Yes	** NA **			None
132	M217						Yes	** NA **			None
133	M220						Yes	** NA **			None
134	M221						Yes	** NA **			None
135	M222						Yes	** NA **			None
136	M223						Yes	** NA **			None
137	M226						Yes	** NA **			None
138	M227						Yes	** NA **			None
139	M228						Yes	** NA **			None



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	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
140	M229						Yes	** NA **			None
141	M232						Yes	** NA **			None
142	M233						Yes	** NA **			None
143	M234						Yes	** NA **			None
144	M235						Yes	** NA **			None
145	MAFACE						Yes	Default			None
146	MASTAB1	OOOOXO	OOOOXO				Yes	Default			None
147	MASTAB2	OOOOXO	OOOOXO				Yes	Default			None
148	MASTAB3	OOOOOX	OOOOOX				Yes	Default			None
149	MASTAB4	OOOOOX	OOOOOX				Yes	Default			None
150	MATIEBACK	BenPIN	BenPIN				Yes	Default			None
151	MBFACE						Yes	Default			None
152	MBSTAB1	OOOOXO	OOOOXO				Yes	Default			None
153	MBSTAB2	OOOOXO	OOOOXO				Yes	Default			None
154	MBSTAB3	OOOOOX	OOOOOX				Yes	Default			None
155	MBSTAB4	OOOOOX	OOOOOX				Yes	Default			None
156	MBTIEBACK	BenPIN	BenPIN				Yes	Default			None
157	MCFACE						Yes	Default			None
158	MCSTAB1	OOOOXO	OOOOXO				Yes	Default			None
159	MCSTAB2	OOOOXO	OOOOXO				Yes	Default			None
160	MCSTAB3	OOOOOX	OOOOOX				Yes	Default			None
161	MCSTAB4	OOOOOX	OOOOOX				Yes	Default			None
162	MCTIEBACK	BenPIN	BenPIN				Yes	Default			None
163	MP ALPHA2						Yes				None
164	MP ALPHA3						Yes				None
165	MP ALPHA4						Yes				None
166	MP BETA2						Yes				None
167	MP BETA3						Yes				None
168	MP BETA4						Yes				None
169	MP GAMM...						Yes				None
170	MP GAMM...						Yes				None
171	MP GAMM...						Yes				None
172	PLATE 1						Yes	Default			None
173	PLATE 1 B						Yes	Default			None
174	PLATE 1 C						Yes	Default			None
175	PLATE 2						Yes	Default			None
176	PLATE 2 B						Yes	Default			None
177	PLATE 2 C						Yes	Default			None
178	PLATE 3		OOOOOO				Yes	Default			None
179	PLATE 3 B		OOOOOO				Yes	Default			None
180	PLATE 3 C		OOOOOO				Yes	Default			None
181	PLATE 4						Yes				None
182	PLATE 4 B						Yes				None
183	PLATE 4 C						Yes				None
184	PLATE 5		OOOOOO				Yes	Default			None
185	PLATE 5 B		OOOOOO				Yes	Default			None
186	PLATE 5 C		OOOOOO				Yes	Default			None
187	PLATE 6						Yes	Default			None
188	PLATE 6 B						Yes	Default			None
189	PLATE 6 C						Yes	Default			None
190	PLATE 7						Yes	Default			None
191	PLATE 7 B						Yes	Default			None
192	PLATE 7 C						Yes	Default			None
193	PLATE 8						Yes	Default			None
194	PLATE 8 B						Yes	Default			None
195	PLATE 8 C						Yes	Default			None
196	PLATE 9		OOOOOO				Yes	Default			None



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Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
197	PLATE 9 B		000000				Yes	Default			None
198	PLATE 9 C		000000				Yes	Default			None
199	PLATE 10						Yes				None
200	PLATE 10 B						Yes				None
201	PLATE 10 C						Yes				None
202	PLATE 11		000000				Yes	Default			None
203	PLATE 11 B		000000				Yes	Default			None
204	PLATE 11 C		000000				Yes	Default			None
205	PLATE12						Yes	Default			None
206	PLATE12 B						Yes	Default			None
207	PLATE12 C						Yes	Default			None
208	TIEBACK1	BenPIN	BenPIN				Yes	Default			None
209	TIEBACK1 B	BenPIN	BenPIN				Yes	Default			None
210	TIEBACK1 C	BenPIN	BenPIN				Yes	Default			None
211	TIEBACK2	BenPIN	BenPIN				Yes	Default			None
212	TIEBACK2 B	BenPIN	BenPIN				Yes	Default			None
213	TIEBACK2 C	BenPIN	BenPIN				Yes	Default			None
214	VERT1						Yes				None
215	VERT1 B						Yes				None
216	VERT1 C						Yes				None
217	VERT2						Yes	Default			None
218	VERT2 B						Yes	Default			None
219	VERT2 C						Yes	Default			None
220	VERT3						Yes				None
221	VERT3 B						Yes				None
222	VERT3 C						Yes				None
223	VERT4						Yes				None
224	VERT4 B						Yes				None
225	VERT4 C						Yes				None
226	M226A						Yes	** NA **			None
227	M227A						Yes	** NA **			None
228	MP ALPHA5						Yes				None
229	M229A						Yes	** NA **			None
230	M230						Yes	** NA **			None
231	MP BETA5						Yes				None
232	M232A						Yes	** NA **			None
233	M233A						Yes	** NA **			None
234	MP GAMM...						Yes				None

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E5 F)	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3
8	A500 Gr.C RND	29000	11154	.3	.65	.527	50	1.5	62	1.2
9	A500 Gr.C Rect	29000	11154	.3	.65	.527	50	1.5	62	1.2



Member Point Loads (BLC 1 : Live Load)

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

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.365	10
2	MP ALPHA4	Y	-.365	4
3	MP BETA4	Y	-.164	10
4	MP BETA4	Y	-.164	4
5	MP GAMMA4	Y	-.231	10
6	MP GAMMA4	Y	-.231	4
7	MP ALPHA3	Y	-.086	8
8	MP ALPHA3	Y	-.086	6
9	MP BETA3	Y	-.047	8
10	MP BETA3	Y	-.047	6
11	MP GAMMA3	Y	-.06	8
12	MP GAMMA3	Y	-.06	6
13	MP ALPHA3	Y	-.083	4
14	MP ALPHA3	Y	-.083	2
15	MP BETA3	Y	-.044	4
16	MP BETA3	Y	-.044	2
17	MP GAMMA3	Y	-.057	4
18	MP GAMMA3	Y	-.057	2
19	MP ALPHA2	Y	-.422	10
20	MP ALPHA2	Y	-.422	4
21	MP BETA2	Y	-.212	10
22	MP BETA2	Y	-.212	4
23	MP GAMMA2	Y	-.282	10
24	MP GAMMA2	Y	-.282	4
25	MP ALPHA5	Y	-.077	5
26	MP BETA5	Y	-.046	5
27	MP GAMMA5	Y	-.046	5
28	MP ALPHA4	Y	-.081	7
29	MP BETA4	Y	-.064	7
30	MP GAMMA4	Y	-.064	7
31	MP ALPHA5	Y	-.084	5
32	MP BETA5	Y	-.06	5
33	MP GAMMA5	Y	-.06	5
34	MP ALPHA2	Y	-.082	7
35	MP BETA2	Y	-.073	7
36	MP GAMMA2	Y	-.073	7
37	MP ALPHA4	Y	-.035	7
38	MP BETA4	Y	-.035	7
39	MP GAMMA4	Y	-.047	7

Member Point Loads (BLC 3 : Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Z	-.053	10
2	MP ALPHA4	Z	-.053	4
3	MP BETA4	Z	-.053	10
4	MP BETA4	Z	-.053	4
5	MP GAMMA4	Z	-.053	10
6	MP GAMMA4	Z	-.053	4
7	MP ALPHA3	Z	-.022	8



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
8	MP ALPHA3	Z	-.022	6
9	MP BETA3	Z	-.022	8
10	MP BETA3	Z	-.022	6
11	MP GAMMA3	Z	-.022	8
12	MP GAMMA3	Z	-.022	6
13	MP ALPHA3	Z	-.041	4
14	MP ALPHA3	Z	-.041	2
15	MP BETA3	Z	-.041	4
16	MP BETA3	Z	-.041	2
17	MP GAMMA3	Z	-.041	4
18	MP GAMMA3	Z	-.041	2
19	MP ALPHA2	Z	-.075	10
20	MP ALPHA2	Z	-.075	4
21	MP BETA2	Z	-.075	10
22	MP BETA2	Z	-.075	4
23	MP GAMMA2	Z	-.075	10
24	MP GAMMA2	Z	-.075	4
25	MP ALPHA5	Z	-.047	5
26	MP BETA5	Z	-.047	5
27	MP GAMMA5	Z	-.047	5
28	MP ALPHA4	Z	-.071	7
29	MP BETA4	Z	-.071	7
30	MP GAMMA4	Z	-.071	7
31	MP ALPHA5	Z	-.059	5
32	MP BETA5	Z	-.059	5
33	MP GAMMA5	Z	-.059	5
34	MP ALPHA2	Z	-.075	7
35	MP BETA2	Z	-.075	7
36	MP GAMMA2	Z	-.075	7
37	MP ALPHA4	Z	-.019	7
38	MP BETA4	Z	-.019	7
39	MP GAMMA4	Z	-.026	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.267	10
2	MP ALPHA4	Y	-.267	4
3	MP ALPHA4	X	-.154	10
4	MP ALPHA4	X	-.154	4
5	MP BETA4	Y	-.124	10
6	MP BETA4	Y	-.124	4
7	MP BETA4	X	-.072	10
8	MP BETA4	X	-.072	4
9	MP GAMMA4	Y	-.293	10
10	MP GAMMA4	Y	-.293	4
11	MP GAMMA4	X	-.169	10
12	MP GAMMA4	X	-.169	4
13	MP ALPHA3	Y	-.065	8
14	MP ALPHA3	Y	-.065	6
15	MP ALPHA3	X	-.038	8
16	MP ALPHA3	X	-.038	6
17	MP BETA3	Y	-.037	8
18	MP BETA3	Y	-.037	6
19	MP BETA3	X	-.022	8
20	MP BETA3	X	-.022	6
21	MP GAMMA3	Y	-.07	8



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP GAMMA3	Y	-.07	6
23	MP GAMMA3	X	-.041	8
24	MP GAMMA3	X	-.041	6
25	MP ALPHA3	Y	-.063	4
26	MP ALPHA3	Y	-.063	2
27	MP ALPHA3	X	-.036	4
28	MP ALPHA3	X	-.036	2
29	MP BETA3	Y	-.035	4
30	MP BETA3	Y	-.035	2
31	MP BETA3	X	-.02	4
32	MP BETA3	X	-.02	2
33	MP GAMMA3	Y	-.068	4
34	MP GAMMA3	Y	-.068	2
35	MP GAMMA3	X	-.039	4
36	MP GAMMA3	X	-.039	2
37	MP ALPHA2	Y	-.314	10
38	MP ALPHA2	Y	-.314	4
39	MP ALPHA2	X	-.181	10
40	MP ALPHA2	X	-.181	4
41	MP BETA2	Y	-.165	10
42	MP BETA2	Y	-.165	4
43	MP BETA2	X	-.095	10
44	MP BETA2	X	-.095	4
45	MP GAMMA2	Y	-.341	10
46	MP GAMMA2	Y	-.341	4
47	MP GAMMA2	X	-.197	10
48	MP GAMMA2	X	-.197	4
49	MP ALPHA5	Y	-.058	5
50	MP ALPHA5	X	-.033	5
51	MP BETA5	Y	-.031	5
52	MP BETA5	X	-.018	5
53	MP GAMMA5	Y	-.058	5
54	MP GAMMA5	X	-.033	5
55	MP ALPHA4	Y	-.066	7
56	MP ALPHA4	X	-.038	7
57	MP BETA4	Y	-.05	7
58	MP BETA4	X	-.029	7
59	MP GAMMA4	Y	-.066	7
60	MP GAMMA4	X	-.038	7
61	MP ALPHA5	Y	-.066	5
62	MP ALPHA5	X	-.038	5
63	MP BETA5	Y	-.045	5
64	MP BETA5	X	-.026	5
65	MP GAMMA5	Y	-.066	5
66	MP GAMMA5	X	-.038	5
67	MP ALPHA2	Y	-.068	7
68	MP ALPHA2	X	-.04	7
69	MP BETA2	Y	-.061	7
70	MP BETA2	X	-.035	7
71	MP GAMMA2	Y	-.068	7
72	MP GAMMA2	X	-.04	7
73	MP ALPHA4	Y	-.03	7
74	MP ALPHA4	X	-.018	7
75	MP BETA4	Y	-.03	7
76	MP BETA4	X	-.018	7
77	MP GAMMA4	Y	-.041	7
78	MP GAMMA4	X	-.024	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.097	10
2	MP ALPHA4	Y	-.097	4
3	MP ALPHA4	X	-.168	10
4	MP ALPHA4	X	-.168	4
5	MP BETA4	Y	-.116	10
6	MP BETA4	Y	-.116	4
7	MP BETA4	X	-.2	10
8	MP BETA4	X	-.2	4
9	MP GAMMA4	Y	-.179	10
10	MP GAMMA4	Y	-.179	4
11	MP GAMMA4	X	-.31	10
12	MP GAMMA4	X	-.31	4
13	MP ALPHA3	Y	-.026	8
14	MP ALPHA3	Y	-.026	6
15	MP ALPHA3	X	-.046	8
16	MP ALPHA3	X	-.046	6
17	MP BETA3	Y	-.03	8
18	MP BETA3	Y	-.03	6
19	MP BETA3	X	-.052	8
20	MP BETA3	X	-.052	6
21	MP GAMMA3	Y	-.043	8
22	MP GAMMA3	Y	-.043	6
23	MP GAMMA3	X	-.074	8
24	MP GAMMA3	X	-.074	6
25	MP ALPHA3	Y	-.025	4
26	MP ALPHA3	Y	-.025	2
27	MP ALPHA3	X	-.044	4
28	MP ALPHA3	X	-.044	2
29	MP BETA3	Y	-.029	4
30	MP BETA3	Y	-.029	2
31	MP BETA3	X	-.05	4
32	MP BETA3	X	-.05	2
33	MP GAMMA3	Y	-.041	4
34	MP GAMMA3	Y	-.041	2
35	MP GAMMA3	X	-.071	4
36	MP GAMMA3	X	-.071	2
37	MP ALPHA2	Y	-.122	10
38	MP ALPHA2	Y	-.122	4
39	MP ALPHA2	X	-.211	10
40	MP ALPHA2	X	-.211	4
41	MP BETA2	Y	-.141	10
42	MP BETA2	Y	-.141	4
43	MP BETA2	X	-.244	10
44	MP BETA2	X	-.244	4
45	MP GAMMA2	Y	-.207	10
46	MP GAMMA2	Y	-.207	4
47	MP GAMMA2	X	-.359	10
48	MP GAMMA2	X	-.359	4
49	MP ALPHA5	Y	-.023	5
50	MP ALPHA5	X	-.04	5
51	MP BETA5	Y	-.023	5
52	MP BETA5	X	-.04	5
53	MP GAMMA5	Y	-.038	5
54	MP GAMMA5	X	-.066	5
55	MP ALPHA4	Y	-.032	7
56	MP ALPHA4	X	-.056	7
57	MP BETA4	Y	-.032	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
58	MP BETA4	X	-.056	7
59	MP GAMMA4	Y	-.041	7
60	MP GAMMA4	X	-.071	7
61	MP ALPHA5	Y	-.03	5
62	MP ALPHA5	X	-.052	5
63	MP BETA5	Y	-.03	5
64	MP BETA5	X	-.052	5
65	MP GAMMA5	Y	-.042	5
66	MP GAMMA5	X	-.072	5
67	MP ALPHA2	Y	-.037	7
68	MP ALPHA2	X	-.063	7
69	MP BETA2	Y	-.037	7
70	MP BETA2	X	-.063	7
71	MP GAMMA2	Y	-.041	7
72	MP GAMMA2	X	-.071	7
73	MP ALPHA4	Y	-.018	7
74	MP ALPHA4	X	-.03	7
75	MP BETA4	Y	-.018	7
76	MP BETA4	X	-.03	7
77	MP GAMMA4	Y	-.024	7
78	MP GAMMA4	X	-.041	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	X	-.137	10
2	MP ALPHA4	X	-.137	4
3	MP BETA4	X	-.338	10
4	MP BETA4	X	-.338	4
5	MP GAMMA4	X	-.271	10
6	MP GAMMA4	X	-.271	4
7	MP ALPHA3	X	-.042	8
8	MP ALPHA3	X	-.042	6
9	MP BETA3	X	-.081	8
10	MP BETA3	X	-.081	6
11	MP GAMMA3	X	-.068	8
12	MP GAMMA3	X	-.068	6
13	MP ALPHA3	X	-.039	4
14	MP ALPHA3	X	-.039	2
15	MP BETA3	X	-.078	4
16	MP BETA3	X	-.078	2
17	MP GAMMA3	X	-.065	4
18	MP GAMMA3	X	-.065	2
19	MP ALPHA2	X	-.184	10
20	MP ALPHA2	X	-.184	4
21	MP BETA2	X	-.394	10
22	MP BETA2	X	-.394	4
23	MP GAMMA2	X	-.324	10
24	MP GAMMA2	X	-.324	4
25	MP ALPHA5	X	-.036	5
26	MP BETA5	X	-.067	5
27	MP GAMMA5	X	-.067	5
28	MP ALPHA4	X	-.058	7
29	MP BETA4	X	-.076	7
30	MP GAMMA4	X	-.076	7
31	MP ALPHA5	X	-.052	5
32	MP BETA5	X	-.076	5



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
33	MP GAMMA5	X	-.076	5
34	MP ALPHA2	X	-.07	7
35	MP BETA2	X	-.079	7
36	MP GAMMA2	X	-.079	7
37	MP ALPHA4	X	-.035	7
38	MP BETA4	X	-.035	7
39	MP GAMMA4	X	-.047	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.097	10
2	MP ALPHA4	Y	.097	4
3	MP ALPHA4	X	-.168	10
4	MP ALPHA4	X	-.168	4
5	MP BETA4	Y	.179	10
6	MP BETA4	Y	.179	4
7	MP BETA4	X	-.31	10
8	MP BETA4	X	-.31	4
9	MP GAMMA4	Y	.082	10
10	MP GAMMA4	Y	.082	4
11	MP GAMMA4	X	-.142	10
12	MP GAMMA4	X	-.142	4
13	MP ALPHA3	Y	.026	8
14	MP ALPHA3	Y	.026	6
15	MP ALPHA3	X	-.046	8
16	MP ALPHA3	X	-.046	6
17	MP BETA3	Y	.043	8
18	MP BETA3	Y	.043	6
19	MP BETA3	X	-.074	8
20	MP BETA3	X	-.074	6
21	MP GAMMA3	Y	.023	8
22	MP GAMMA3	Y	.023	6
23	MP GAMMA3	X	-.041	8
24	MP GAMMA3	X	-.041	6
25	MP ALPHA3	Y	.025	4
26	MP ALPHA3	Y	.025	2
27	MP ALPHA3	X	-.044	4
28	MP ALPHA3	X	-.044	2
29	MP BETA3	Y	.041	4
30	MP BETA3	Y	.041	2
31	MP BETA3	X	-.071	4
32	MP BETA3	X	-.071	2
33	MP GAMMA3	Y	.022	4
34	MP GAMMA3	Y	.022	2
35	MP GAMMA3	X	-.039	4
36	MP GAMMA3	X	-.039	2
37	MP ALPHA2	Y	.122	10
38	MP ALPHA2	Y	.122	4
39	MP ALPHA2	X	-.211	10
40	MP ALPHA2	X	-.211	4
41	MP BETA2	Y	.207	10
42	MP BETA2	Y	.207	4
43	MP BETA2	X	-.359	10
44	MP BETA2	X	-.359	4
45	MP GAMMA2	Y	.106	10
46	MP GAMMA2	Y	.106	4



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
47	MP GAMMA2	X	-.183	10
48	MP GAMMA2	X	-.183	4
49	MP ALPHA5	Y	.023	5
50	MP ALPHA5	X	-.04	5
51	MP BETA5	Y	.038	5
52	MP BETA5	X	-.066	5
53	MP GAMMA5	Y	.023	5
54	MP GAMMA5	X	-.04	5
55	MP ALPHA4	Y	.032	7
56	MP ALPHA4	X	-.056	7
57	MP BETA4	Y	.041	7
58	MP BETA4	X	-.071	7
59	MP GAMMA4	Y	.032	7
60	MP GAMMA4	X	-.056	7
61	MP ALPHA5	Y	.03	5
62	MP ALPHA5	X	-.052	5
63	MP BETA5	Y	.042	5
64	MP BETA5	X	-.072	5
65	MP GAMMA5	Y	.03	5
66	MP GAMMA5	X	-.052	5
67	MP ALPHA2	Y	.037	7
68	MP ALPHA2	X	-.063	7
69	MP BETA2	Y	.041	7
70	MP BETA2	X	-.071	7
71	MP GAMMA2	Y	.037	7
72	MP GAMMA2	X	-.063	7
73	MP ALPHA4	Y	.018	7
74	MP ALPHA4	X	-.03	7
75	MP BETA4	Y	.018	7
76	MP BETA4	X	-.03	7
77	MP GAMMA4	Y	.024	7
78	MP GAMMA4	X	-.041	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.267	10
2	MP ALPHA4	Y	.267	4
3	MP ALPHA4	X	-.154	10
4	MP ALPHA4	X	-.154	4
5	MP BETA4	Y	.234	10
6	MP BETA4	Y	.234	4
7	MP BETA4	X	-.135	10
8	MP BETA4	X	-.135	4
9	MP GAMMA4	Y	.124	10
10	MP GAMMA4	Y	.124	4
11	MP GAMMA4	X	-.072	10
12	MP GAMMA4	X	-.072	4
13	MP ALPHA3	Y	.065	8
14	MP ALPHA3	Y	.065	6
15	MP ALPHA3	X	-.038	8
16	MP ALPHA3	X	-.038	6
17	MP BETA3	Y	.059	8
18	MP BETA3	Y	.059	6
19	MP BETA3	X	-.034	8
20	MP BETA3	X	-.034	6
21	MP GAMMA3	Y	.037	8



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP GAMMA3	Y	.037	6
23	MP GAMMA3	X	-.022	8
24	MP GAMMA3	X	-.022	6
25	MP ALPHA3	Y	.063	4
26	MP ALPHA3	Y	.063	2
27	MP ALPHA3	X	-.036	4
28	MP ALPHA3	X	-.036	2
29	MP BETA3	Y	.056	4
30	MP BETA3	Y	.056	2
31	MP BETA3	X	-.033	4
32	MP BETA3	X	-.033	2
33	MP GAMMA3	Y	.035	4
34	MP GAMMA3	Y	.035	2
35	MP GAMMA3	X	-.02	4
36	MP GAMMA3	X	-.02	2
37	MP ALPHA2	Y	.314	10
38	MP ALPHA2	Y	.314	4
39	MP ALPHA2	X	-.181	10
40	MP ALPHA2	X	-.181	4
41	MP BETA2	Y	.28	10
42	MP BETA2	Y	.28	4
43	MP BETA2	X	-.162	10
44	MP BETA2	X	-.162	4
45	MP GAMMA2	Y	.165	10
46	MP GAMMA2	Y	.165	4
47	MP GAMMA2	X	-.095	10
48	MP GAMMA2	X	-.095	4
49	MP ALPHA5	Y	.058	5
50	MP ALPHA5	X	-.033	5
51	MP BETA5	Y	.058	5
52	MP BETA5	X	-.033	5
53	MP GAMMA5	Y	.031	5
54	MP GAMMA5	X	-.018	5
55	MP ALPHA4	Y	.066	7
56	MP ALPHA4	X	-.038	7
57	MP BETA4	Y	.066	7
58	MP BETA4	X	-.038	7
59	MP GAMMA4	Y	.05	7
60	MP GAMMA4	X	-.029	7
61	MP ALPHA5	Y	.066	5
62	MP ALPHA5	X	-.038	5
63	MP BETA5	Y	.066	5
64	MP BETA5	X	-.038	5
65	MP GAMMA5	Y	.045	5
66	MP GAMMA5	X	-.026	5
67	MP ALPHA2	Y	.068	7
68	MP ALPHA2	X	-.04	7
69	MP BETA2	Y	.068	7
70	MP BETA2	X	-.04	7
71	MP GAMMA2	Y	.061	7
72	MP GAMMA2	X	-.035	7
73	MP ALPHA4	Y	.03	7
74	MP ALPHA4	X	-.018	7
75	MP BETA4	Y	.03	7
76	MP BETA4	X	-.018	7
77	MP GAMMA4	Y	.041	7
78	MP GAMMA4	X	-.024	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.365	10
2	MP ALPHA4	Y	.365	4
3	MP BETA4	Y	.164	10
4	MP BETA4	Y	.164	4
5	MP GAMMA4	Y	.231	10
6	MP GAMMA4	Y	.231	4
7	MP ALPHA3	Y	.086	8
8	MP ALPHA3	Y	.086	6
9	MP BETA3	Y	.047	8
10	MP BETA3	Y	.047	6
11	MP GAMMA3	Y	.06	8
12	MP GAMMA3	Y	.06	6
13	MP ALPHA3	Y	.083	4
14	MP ALPHA3	Y	.083	2
15	MP BETA3	Y	.044	4
16	MP BETA3	Y	.044	2
17	MP GAMMA3	Y	.057	4
18	MP GAMMA3	Y	.057	2
19	MP ALPHA2	Y	.422	10
20	MP ALPHA2	Y	.422	4
21	MP BETA2	Y	.212	10
22	MP BETA2	Y	.212	4
23	MP GAMMA2	Y	.282	10
24	MP GAMMA2	Y	.282	4
25	MP ALPHA5	Y	.077	5
26	MP BETA5	Y	.046	5
27	MP GAMMA5	Y	.046	5
28	MP ALPHA4	Y	.081	7
29	MP BETA4	Y	.064	7
30	MP GAMMA4	Y	.064	7
31	MP ALPHA5	Y	.084	5
32	MP BETA5	Y	.06	5
33	MP GAMMA5	Y	.06	5
34	MP ALPHA2	Y	.082	7
35	MP BETA2	Y	.073	7
36	MP GAMMA2	Y	.073	7
37	MP ALPHA4	Y	.035	7
38	MP BETA4	Y	.035	7
39	MP GAMMA4	Y	.047	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.267	10
2	MP ALPHA4	Y	.267	4
3	MP ALPHA4	X	.154	10
4	MP ALPHA4	X	.154	4
5	MP BETA4	Y	.124	10
6	MP BETA4	Y	.124	4
7	MP BETA4	X	.072	10
8	MP BETA4	X	.072	4
9	MP GAMMA4	Y	.293	10
10	MP GAMMA4	Y	.293	4
11	MP GAMMA4	X	.169	10
12	MP GAMMA4	X	.169	4
13	MP ALPHA3	Y	.065	8
14	MP ALPHA3	Y	.065	6



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
15	MP ALPHA3	X	.038	8
16	MP ALPHA3	X	.038	6
17	MP BETA3	Y	.037	8
18	MP BETA3	Y	.037	6
19	MP BETA3	X	.022	8
20	MP BETA3	X	.022	6
21	MP GAMMA3	Y	.07	8
22	MP GAMMA3	Y	.07	6
23	MP GAMMA3	X	.041	8
24	MP GAMMA3	X	.041	6
25	MP ALPHA3	Y	.063	4
26	MP ALPHA3	Y	.063	2
27	MP ALPHA3	X	.036	4
28	MP ALPHA3	X	.036	2
29	MP BETA3	Y	.035	4
30	MP BETA3	Y	.035	2
31	MP BETA3	X	.02	4
32	MP BETA3	X	.02	2
33	MP GAMMA3	Y	.068	4
34	MP GAMMA3	Y	.068	2
35	MP GAMMA3	X	.039	4
36	MP GAMMA3	X	.039	2
37	MP ALPHA2	Y	.314	10
38	MP ALPHA2	Y	.314	4
39	MP ALPHA2	X	.181	10
40	MP ALPHA2	X	.181	4
41	MP BETA2	Y	.165	10
42	MP BETA2	Y	.165	4
43	MP BETA2	X	.095	10
44	MP BETA2	X	.095	4
45	MP GAMMA2	Y	.341	10
46	MP GAMMA2	Y	.341	4
47	MP GAMMA2	X	.197	10
48	MP GAMMA2	X	.197	4
49	MP ALPHA5	Y	.058	5
50	MP ALPHA5	X	.033	5
51	MP BETA5	Y	.031	5
52	MP BETA5	X	.018	5
53	MP GAMMA5	Y	.058	5
54	MP GAMMA5	X	.033	5
55	MP ALPHA4	Y	.066	7
56	MP ALPHA4	X	.038	7
57	MP BETA4	Y	.05	7
58	MP BETA4	X	.029	7
59	MP GAMMA4	Y	.066	7
60	MP GAMMA4	X	.038	7
61	MP ALPHA5	Y	.066	5
62	MP ALPHA5	X	.038	5
63	MP BETA5	Y	.045	5
64	MP BETA5	X	.026	5
65	MP GAMMA5	Y	.066	5
66	MP GAMMA5	X	.038	5
67	MP ALPHA2	Y	.068	7
68	MP ALPHA2	X	.04	7
69	MP BETA2	Y	.061	7
70	MP BETA2	X	.035	7
71	MP GAMMA2	Y	.068	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
72	MP GAMMA2	X	.04	7
73	MP ALPHA4	Y	.03	7
74	MP ALPHA4	X	.018	7
75	MP BETA4	Y	.03	7
76	MP BETA4	X	.018	7
77	MP GAMMA4	Y	.041	7
78	MP GAMMA4	X	.024	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.097	10
2	MP ALPHA4	Y	.097	4
3	MP ALPHA4	X	.168	10
4	MP ALPHA4	X	.168	4
5	MP BETA4	Y	.116	10
6	MP BETA4	Y	.116	4
7	MP BETA4	X	.2	10
8	MP BETA4	X	.2	4
9	MP GAMMA4	Y	.179	10
10	MP GAMMA4	Y	.179	4
11	MP GAMMA4	X	.31	10
12	MP GAMMA4	X	.31	4
13	MP ALPHA3	Y	.026	8
14	MP ALPHA3	Y	.026	6
15	MP ALPHA3	X	.046	8
16	MP ALPHA3	X	.046	6
17	MP BETA3	Y	.03	8
18	MP BETA3	Y	.03	6
19	MP BETA3	X	.052	8
20	MP BETA3	X	.052	6
21	MP GAMMA3	Y	.043	8
22	MP GAMMA3	Y	.043	6
23	MP GAMMA3	X	.074	8
24	MP GAMMA3	X	.074	6
25	MP ALPHA3	Y	.025	4
26	MP ALPHA3	Y	.025	2
27	MP ALPHA3	X	.044	4
28	MP ALPHA3	X	.044	2
29	MP BETA3	Y	.029	4
30	MP BETA3	Y	.029	2
31	MP BETA3	X	.05	4
32	MP BETA3	X	.05	2
33	MP GAMMA3	Y	.041	4
34	MP GAMMA3	Y	.041	2
35	MP GAMMA3	X	.071	4
36	MP GAMMA3	X	.071	2
37	MP ALPHA2	Y	.122	10
38	MP ALPHA2	Y	.122	4
39	MP ALPHA2	X	.211	10
40	MP ALPHA2	X	.211	4
41	MP BETA2	Y	.141	10
42	MP BETA2	Y	.141	4
43	MP BETA2	X	.244	10
44	MP BETA2	X	.244	4
45	MP GAMMA2	Y	.207	10
46	MP GAMMA2	Y	.207	4



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
47	MP GAMMA2	X	.359	10
48	MP GAMMA2	X	.359	4
49	MP ALPHA5	Y	.023	5
50	MP ALPHA5	X	.04	5
51	MP BETA5	Y	.023	5
52	MP BETA5	X	.04	5
53	MP GAMMA5	Y	.038	5
54	MP GAMMA5	X	.066	5
55	MP ALPHA4	Y	.032	7
56	MP ALPHA4	X	.056	7
57	MP BETA4	Y	.032	7
58	MP BETA4	X	.056	7
59	MP GAMMA4	Y	.041	7
60	MP GAMMA4	X	.071	7
61	MP ALPHA5	Y	.03	5
62	MP ALPHA5	X	.052	5
63	MP BETA5	Y	.03	5
64	MP BETA5	X	.052	5
65	MP GAMMA5	Y	.042	5
66	MP GAMMA5	X	.072	5
67	MP ALPHA2	Y	.037	7
68	MP ALPHA2	X	.063	7
69	MP BETA2	Y	.037	7
70	MP BETA2	X	.063	7
71	MP GAMMA2	Y	.041	7
72	MP GAMMA2	X	.071	7
73	MP ALPHA4	Y	.018	7
74	MP ALPHA4	X	.03	7
75	MP BETA4	Y	.018	7
76	MP BETA4	X	.03	7
77	MP GAMMA4	Y	.024	7
78	MP GAMMA4	X	.041	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	X	.137	10
2	MP ALPHA4	X	.137	4
3	MP BETA4	X	.338	10
4	MP BETA4	X	.338	4
5	MP GAMMA4	X	.271	10
6	MP GAMMA4	X	.271	4
7	MP ALPHA3	X	.042	8
8	MP ALPHA3	X	.042	6
9	MP BETA3	X	.081	8
10	MP BETA3	X	.081	6
11	MP GAMMA3	X	.068	8
12	MP GAMMA3	X	.068	6
13	MP ALPHA3	X	.039	4
14	MP ALPHA3	X	.039	2
15	MP BETA3	X	.078	4
16	MP BETA3	X	.078	2
17	MP GAMMA3	X	.065	4
18	MP GAMMA3	X	.065	2
19	MP ALPHA2	X	.184	10
20	MP ALPHA2	X	.184	4
21	MP BETA2	X	.394	10



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP BETA2	X	.394	4
23	MP GAMMA2	X	.324	10
24	MP GAMMA2	X	.324	4
25	MP ALPHA5	X	.036	5
26	MP BETA5	X	.067	5
27	MP GAMMA5	X	.067	5
28	MP ALPHA4	X	.058	7
29	MP BETA4	X	.076	7
30	MP GAMMA4	X	.076	7
31	MP ALPHA5	X	.052	5
32	MP BETA5	X	.076	5
33	MP GAMMA5	X	.076	5
34	MP ALPHA2	X	.07	7
35	MP BETA2	X	.079	7
36	MP GAMMA2	X	.079	7
37	MP ALPHA4	X	.035	7
38	MP BETA4	X	.035	7
39	MP GAMMA4	X	.047	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.097	10
2	MP ALPHA4	Y	-.097	4
3	MP ALPHA4	X	.168	10
4	MP ALPHA4	X	.168	4
5	MP BETA4	Y	-.179	10
6	MP BETA4	Y	-.179	4
7	MP BETA4	X	.31	10
8	MP BETA4	X	.31	4
9	MP GAMMA4	Y	-.082	10
10	MP GAMMA4	Y	-.082	4
11	MP GAMMA4	X	.142	10
12	MP GAMMA4	X	.142	4
13	MP ALPHA3	Y	-.026	8
14	MP ALPHA3	Y	-.026	6
15	MP ALPHA3	X	.046	8
16	MP ALPHA3	X	.046	6
17	MP BETA3	Y	-.043	8
18	MP BETA3	Y	-.043	6
19	MP BETA3	X	.074	8
20	MP BETA3	X	.074	6
21	MP GAMMA3	Y	-.023	8
22	MP GAMMA3	Y	-.023	6
23	MP GAMMA3	X	.041	8
24	MP GAMMA3	X	.041	6
25	MP ALPHA3	Y	-.025	4
26	MP ALPHA3	Y	-.025	2
27	MP ALPHA3	X	.044	4
28	MP ALPHA3	X	.044	2
29	MP BETA3	Y	-.041	4
30	MP BETA3	Y	-.041	2
31	MP BETA3	X	.071	4
32	MP BETA3	X	.071	2
33	MP GAMMA3	Y	-.022	4
34	MP GAMMA3	Y	-.022	2
35	MP GAMMA3	X	.039	4



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
36	MP GAMMA3	X	.039	2
37	MP ALPHA2	Y	-.122	10
38	MP ALPHA2	Y	-.122	4
39	MP ALPHA2	X	.211	10
40	MP ALPHA2	X	.211	4
41	MP BETA2	Y	-.207	10
42	MP BETA2	Y	-.207	4
43	MP BETA2	X	.359	10
44	MP BETA2	X	.359	4
45	MP GAMMA2	Y	-.106	10
46	MP GAMMA2	Y	-.106	4
47	MP GAMMA2	X	.183	10
48	MP GAMMA2	X	.183	4
49	MP ALPHA5	Y	-.023	5
50	MP ALPHA5	X	.04	5
51	MP BETA5	Y	-.038	5
52	MP BETA5	X	.066	5
53	MP GAMMA5	Y	-.023	5
54	MP GAMMA5	X	.04	5
55	MP ALPHA4	Y	-.032	7
56	MP ALPHA4	X	.056	7
57	MP BETA4	Y	-.041	7
58	MP BETA4	X	.071	7
59	MP GAMMA4	Y	-.032	7
60	MP GAMMA4	X	.056	7
61	MP ALPHA5	Y	-.03	5
62	MP ALPHA5	X	.052	5
63	MP BETA5	Y	-.042	5
64	MP BETA5	X	.072	5
65	MP GAMMA5	Y	-.03	5
66	MP GAMMA5	X	.052	5
67	MP ALPHA2	Y	-.037	7
68	MP ALPHA2	X	.063	7
69	MP BETA2	Y	-.041	7
70	MP BETA2	X	.071	7
71	MP GAMMA2	Y	-.037	7
72	MP GAMMA2	X	.063	7
73	MP ALPHA4	Y	-.018	7
74	MP ALPHA4	X	.03	7
75	MP BETA4	Y	-.018	7
76	MP BETA4	X	.03	7
77	MP GAMMA4	Y	-.024	7
78	MP GAMMA4	X	.041	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.267	10
2	MP ALPHA4	Y	-.267	4
3	MP ALPHA4	X	.154	10
4	MP ALPHA4	X	.154	4
5	MP BETA4	Y	-.234	10
6	MP BETA4	Y	-.234	4
7	MP BETA4	X	.135	10
8	MP BETA4	X	.135	4
9	MP GAMMA4	Y	-.124	10
10	MP GAMMA4	Y	-.124	4



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
11	MP GAMMA4	X	.072	10
12	MP GAMMA4	X	.072	4
13	MP ALPHA3	Y	-.065	8
14	MP ALPHA3	Y	-.065	6
15	MP ALPHA3	X	.038	8
16	MP ALPHA3	X	.038	6
17	MP BETA3	Y	-.059	8
18	MP BETA3	Y	-.059	6
19	MP BETA3	X	.034	8
20	MP BETA3	X	.034	6
21	MP GAMMA3	Y	-.037	8
22	MP GAMMA3	Y	-.037	6
23	MP GAMMA3	X	.022	8
24	MP GAMMA3	X	.022	6
25	MP ALPHA3	Y	-.063	4
26	MP ALPHA3	Y	-.063	2
27	MP ALPHA3	X	.036	4
28	MP ALPHA3	X	.036	2
29	MP BETA3	Y	-.056	4
30	MP BETA3	Y	-.056	2
31	MP BETA3	X	.033	4
32	MP BETA3	X	.033	2
33	MP GAMMA3	Y	-.035	4
34	MP GAMMA3	Y	-.035	2
35	MP GAMMA3	X	.02	4
36	MP GAMMA3	X	.02	2
37	MP ALPHA2	Y	-.314	10
38	MP ALPHA2	Y	-.314	4
39	MP ALPHA2	X	.181	10
40	MP ALPHA2	X	.181	4
41	MP BETA2	Y	-.28	10
42	MP BETA2	Y	-.28	4
43	MP BETA2	X	.162	10
44	MP BETA2	X	.162	4
45	MP GAMMA2	Y	-.165	10
46	MP GAMMA2	Y	-.165	4
47	MP GAMMA2	X	.095	10
48	MP GAMMA2	X	.095	4
49	MP ALPHA5	Y	-.058	5
50	MP ALPHA5	X	.033	5
51	MP BETA5	Y	-.058	5
52	MP BETA5	X	.033	5
53	MP GAMMA5	Y	-.031	5
54	MP GAMMA5	X	.018	5
55	MP ALPHA4	Y	-.066	7
56	MP ALPHA4	X	.038	7
57	MP BETA4	Y	-.066	7
58	MP BETA4	X	.038	7
59	MP GAMMA4	Y	-.05	7
60	MP GAMMA4	X	.029	7
61	MP ALPHA5	Y	-.066	5
62	MP ALPHA5	X	.038	5
63	MP BETA5	Y	-.066	5
64	MP BETA5	X	.038	5
65	MP GAMMA5	Y	-.045	5
66	MP GAMMA5	X	.026	5
67	MP ALPHA2	Y	-.068	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
68	MP ALPHA2	X	.04	7
69	MP BETA2	Y	-.068	7
70	MP BETA2	X	.04	7
71	MP GAMMA2	Y	-.061	7
72	MP GAMMA2	X	.035	7
73	MP ALPHA4	Y	-.03	7
74	MP ALPHA4	X	.018	7
75	MP BETA4	Y	-.03	7
76	MP BETA4	X	.018	7
77	MP GAMMA4	Y	-.041	7
78	MP GAMMA4	X	.024	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.024	10
2	MP ALPHA4	Y	-.024	4
3	MP BETA4	Y	-.011	10
4	MP BETA4	Y	-.011	4
5	MP GAMMA4	Y	-.015	10
6	MP GAMMA4	Y	-.015	4
7	MP ALPHA3	Y	-.006	8
8	MP ALPHA3	Y	-.006	6
9	MP BETA3	Y	-.003	8
10	MP BETA3	Y	-.003	6
11	MP GAMMA3	Y	-.004	8
12	MP GAMMA3	Y	-.004	6
13	MP ALPHA3	Y	-.005	4
14	MP ALPHA3	Y	-.005	2
15	MP BETA3	Y	-.003	4
16	MP BETA3	Y	-.003	2
17	MP GAMMA3	Y	-.004	4
18	MP GAMMA3	Y	-.004	2
19	MP ALPHA2	Y	-.028	10
20	MP ALPHA2	Y	-.028	4
21	MP BETA2	Y	-.014	10
22	MP BETA2	Y	-.014	4
23	MP GAMMA2	Y	-.019	10
24	MP GAMMA2	Y	-.019	4
25	MP ALPHA5	Y	-.005	5
26	MP BETA5	Y	-.003	5
27	MP GAMMA5	Y	-.003	5
28	MP ALPHA4	Y	-.005	7
29	MP BETA4	Y	-.004	7
30	MP GAMMA4	Y	-.004	7
31	MP ALPHA5	Y	-.006	5
32	MP BETA5	Y	-.004	5
33	MP GAMMA5	Y	-.004	5
34	MP ALPHA2	Y	-.005	7
35	MP BETA2	Y	-.005	7
36	MP GAMMA2	Y	-.005	7
37	MP ALPHA4	Y	-.002	7
38	MP BETA4	Y	-.002	7
39	MP GAMMA4	Y	-.003	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
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Member Point Loads (BLC 16 : Maintenance (30)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.018	10
2	MP ALPHA4	Y	-.018	4
3	MP ALPHA4	X	-.01	10
4	MP ALPHA4	X	-.01	4
5	MP BETA4	Y	-.008	10
6	MP BETA4	Y	-.008	4
7	MP BETA4	X	-.005	10
8	MP BETA4	X	-.005	4
9	MP GAMMA4	Y	-.019	10
10	MP GAMMA4	Y	-.019	4
11	MP GAMMA4	X	-.011	10
12	MP GAMMA4	X	-.011	4
13	MP ALPHA3	Y	-.004	8
14	MP ALPHA3	Y	-.004	6
15	MP ALPHA3	X	-.002	8
16	MP ALPHA3	X	-.002	6
17	MP BETA3	Y	-.002	8
18	MP BETA3	Y	-.002	6
19	MP BETA3	X	-.001	8
20	MP BETA3	X	-.001	6
21	MP GAMMA3	Y	-.005	8
22	MP GAMMA3	Y	-.005	6
23	MP GAMMA3	X	-.003	8
24	MP GAMMA3	X	-.003	6
25	MP ALPHA3	Y	-.004	4
26	MP ALPHA3	Y	-.004	2
27	MP ALPHA3	X	-.002	4
28	MP ALPHA3	X	-.002	2
29	MP BETA3	Y	-.002	4
30	MP BETA3	Y	-.002	2
31	MP BETA3	X	-.001	4
32	MP BETA3	X	-.001	2
33	MP GAMMA3	Y	-.004	4
34	MP GAMMA3	Y	-.004	2
35	MP GAMMA3	X	-.003	4
36	MP GAMMA3	X	-.003	2
37	MP ALPHA2	Y	-.021	10
38	MP ALPHA2	Y	-.021	4
39	MP ALPHA2	X	-.012	10
40	MP ALPHA2	X	-.012	4
41	MP BETA2	Y	-.011	10
42	MP BETA2	Y	-.011	4
43	MP BETA2	X	-.006	10
44	MP BETA2	X	-.006	4
45	MP GAMMA2	Y	-.022	10
46	MP GAMMA2	Y	-.022	4
47	MP GAMMA2	X	-.013	10
48	MP GAMMA2	X	-.013	4
49	MP ALPHA5	Y	-.004	5
50	MP ALPHA5	X	-.002	5
51	MP BETA5	Y	-.002	5
52	MP BETA5	X	-.001	5
53	MP GAMMA5	Y	-.004	5
54	MP GAMMA5	X	-.002	5
55	MP ALPHA4	Y	-.004	7
56	MP ALPHA4	X	-.002	7
57	MP BETA4	Y	-.003	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
58	MP BETA4	X	-.002	7
59	MP GAMMA4	Y	-.004	7
60	MP GAMMA4	X	-.002	7
61	MP ALPHA5	Y	-.004	5
62	MP ALPHA5	X	-.002	5
63	MP BETA5	Y	-.003	5
64	MP BETA5	X	-.002	5
65	MP GAMMA5	Y	-.004	5
66	MP GAMMA5	X	-.002	5
67	MP ALPHA2	Y	-.004	7
68	MP ALPHA2	X	-.003	7
69	MP BETA2	Y	-.004	7
70	MP BETA2	X	-.002	7
71	MP GAMMA2	Y	-.004	7
72	MP GAMMA2	X	-.003	7
73	MP ALPHA4	Y	-.002	7
74	MP ALPHA4	X	-.001	7
75	MP BETA4	Y	-.002	7
76	MP BETA4	X	-.001	7
77	MP GAMMA4	Y	-.003	7
78	MP GAMMA4	X	-.002	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.006	10
2	MP ALPHA4	Y	-.006	4
3	MP ALPHA4	X	-.011	10
4	MP ALPHA4	X	-.011	4
5	MP BETA4	Y	-.008	10
6	MP BETA4	Y	-.008	4
7	MP BETA4	X	-.013	10
8	MP BETA4	X	-.013	4
9	MP GAMMA4	Y	-.012	10
10	MP GAMMA4	Y	-.012	4
11	MP GAMMA4	X	-.02	10
12	MP GAMMA4	X	-.02	4
13	MP ALPHA3	Y	-.002	8
14	MP ALPHA3	Y	-.002	6
15	MP ALPHA3	X	-.003	8
16	MP ALPHA3	X	-.003	6
17	MP BETA3	Y	-.002	8
18	MP BETA3	Y	-.002	6
19	MP BETA3	X	-.003	8
20	MP BETA3	X	-.003	6
21	MP GAMMA3	Y	-.003	8
22	MP GAMMA3	Y	-.003	6
23	MP GAMMA3	X	-.005	8
24	MP GAMMA3	X	-.005	6
25	MP ALPHA3	Y	-.002	4
26	MP ALPHA3	Y	-.002	2
27	MP ALPHA3	X	-.003	4
28	MP ALPHA3	X	-.003	2
29	MP BETA3	Y	-.002	4
30	MP BETA3	Y	-.002	2
31	MP BETA3	X	-.003	4
32	MP BETA3	X	-.003	2



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
33	MP GAMMA3	Y	-.003	4
34	MP GAMMA3	Y	-.003	2
35	MP GAMMA3	X	-.005	4
36	MP GAMMA3	X	-.005	2
37	MP ALPHA2	Y	-.008	10
38	MP ALPHA2	Y	-.008	4
39	MP ALPHA2	X	-.014	10
40	MP ALPHA2	X	-.014	4
41	MP BETA2	Y	-.009	10
42	MP BETA2	Y	-.009	4
43	MP BETA2	X	-.016	10
44	MP BETA2	X	-.016	4
45	MP GAMMA2	Y	-.014	10
46	MP GAMMA2	Y	-.014	4
47	MP GAMMA2	X	-.024	10
48	MP GAMMA2	X	-.024	4
49	MP ALPHA5	Y	-.002	5
50	MP ALPHA5	X	-.003	5
51	MP BETA5	Y	-.002	5
52	MP BETA5	X	-.003	5
53	MP GAMMA5	Y	-.003	5
54	MP GAMMA5	X	-.004	5
55	MP ALPHA4	Y	-.002	7
56	MP ALPHA4	X	-.004	7
57	MP BETA4	Y	-.002	7
58	MP BETA4	X	-.004	7
59	MP GAMMA4	Y	-.003	7
60	MP GAMMA4	X	-.005	7
61	MP ALPHA5	Y	-.002	5
62	MP ALPHA5	X	-.003	5
63	MP BETA5	Y	-.002	5
64	MP BETA5	X	-.003	5
65	MP GAMMA5	Y	-.003	5
66	MP GAMMA5	X	-.005	5
67	MP ALPHA2	Y	-.002	7
68	MP ALPHA2	X	-.004	7
69	MP BETA2	Y	-.002	7
70	MP BETA2	X	-.004	7
71	MP GAMMA2	Y	-.003	7
72	MP GAMMA2	X	-.005	7
73	MP ALPHA4	Y	-.001	7
74	MP ALPHA4	X	-.002	7
75	MP BETA4	Y	-.001	7
76	MP BETA4	X	-.002	7
77	MP GAMMA4	Y	-.002	7
78	MP GAMMA4	X	-.003	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	X	-.009	10
2	MP ALPHA4	X	-.009	4
3	MP BETA4	X	-.022	10
4	MP BETA4	X	-.022	4
5	MP GAMMA4	X	-.018	10
6	MP GAMMA4	X	-.018	4
7	MP ALPHA3	X	-.003	8



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
8	MP ALPHA3	X	-.003	6
9	MP BETA3	X	-.005	8
10	MP BETA3	X	-.005	6
11	MP GAMMA3	X	-.004	8
12	MP GAMMA3	X	-.004	6
13	MP ALPHA3	X	-.003	4
14	MP ALPHA3	X	-.003	2
15	MP BETA3	X	-.005	4
16	MP BETA3	X	-.005	2
17	MP GAMMA3	X	-.004	4
18	MP GAMMA3	X	-.004	2
19	MP ALPHA2	X	-.012	10
20	MP ALPHA2	X	-.012	4
21	MP BETA2	X	-.026	10
22	MP BETA2	X	-.026	4
23	MP GAMMA2	X	-.021	10
24	MP GAMMA2	X	-.021	4
25	MP ALPHA5	X	-.002	5
26	MP BETA5	X	-.004	5
27	MP GAMMA5	X	-.004	5
28	MP ALPHA4	X	-.004	7
29	MP BETA4	X	-.005	7
30	MP GAMMA4	X	-.005	7
31	MP ALPHA5	X	-.003	5
32	MP BETA5	X	-.005	5
33	MP GAMMA5	X	-.005	5
34	MP ALPHA2	X	-.005	7
35	MP BETA2	X	-.005	7
36	MP GAMMA2	X	-.005	7
37	MP ALPHA4	X	-.002	7
38	MP BETA4	X	-.002	7
39	MP GAMMA4	X	-.003	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.006	10
2	MP ALPHA4	Y	.006	4
3	MP ALPHA4	X	-.011	10
4	MP ALPHA4	X	-.011	4
5	MP BETA4	Y	.012	10
6	MP BETA4	Y	.012	4
7	MP BETA4	X	-.02	10
8	MP BETA4	X	-.02	4
9	MP GAMMA4	Y	.005	10
10	MP GAMMA4	Y	.005	4
11	MP GAMMA4	X	-.009	10
12	MP GAMMA4	X	-.009	4
13	MP ALPHA3	Y	.002	8
14	MP ALPHA3	Y	.002	6
15	MP ALPHA3	X	-.003	8
16	MP ALPHA3	X	-.003	6
17	MP BETA3	Y	.003	8
18	MP BETA3	Y	.003	6
19	MP BETA3	X	-.005	8
20	MP BETA3	X	-.005	6
21	MP GAMMA3	Y	.002	8



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP GAMMA3	Y	.002	6
23	MP GAMMA3	X	-.003	8
24	MP GAMMA3	X	-.003	6
25	MP ALPHA3	Y	.002	4
26	MP ALPHA3	Y	.002	2
27	MP ALPHA3	X	-.003	4
28	MP ALPHA3	X	-.003	2
29	MP BETA3	Y	.003	4
30	MP BETA3	Y	.003	2
31	MP BETA3	X	-.005	4
32	MP BETA3	X	-.005	2
33	MP GAMMA3	Y	.001	4
34	MP GAMMA3	Y	.001	2
35	MP GAMMA3	X	-.003	4
36	MP GAMMA3	X	-.003	2
37	MP ALPHA2	Y	.008	10
38	MP ALPHA2	Y	.008	4
39	MP ALPHA2	X	-.014	10
40	MP ALPHA2	X	-.014	4
41	MP BETA2	Y	.014	10
42	MP BETA2	Y	.014	4
43	MP BETA2	X	-.024	10
44	MP BETA2	X	-.024	4
45	MP GAMMA2	Y	.007	10
46	MP GAMMA2	Y	.007	4
47	MP GAMMA2	X	-.012	10
48	MP GAMMA2	X	-.012	4
49	MP ALPHA5	Y	.002	5
50	MP ALPHA5	X	-.003	5
51	MP BETA5	Y	.003	5
52	MP BETA5	X	-.004	5
53	MP GAMMA5	Y	.002	5
54	MP GAMMA5	X	-.003	5
55	MP ALPHA4	Y	.002	7
56	MP ALPHA4	X	-.004	7
57	MP BETA4	Y	.003	7
58	MP BETA4	X	-.005	7
59	MP GAMMA4	Y	.002	7
60	MP GAMMA4	X	-.004	7
61	MP ALPHA5	Y	.002	5
62	MP ALPHA5	X	-.003	5
63	MP BETA5	Y	.003	5
64	MP BETA5	X	-.005	5
65	MP GAMMA5	Y	.002	5
66	MP GAMMA5	X	-.003	5
67	MP ALPHA2	Y	.002	7
68	MP ALPHA2	X	-.004	7
69	MP BETA2	Y	.003	7
70	MP BETA2	X	-.005	7
71	MP GAMMA2	Y	.002	7
72	MP GAMMA2	X	-.004	7
73	MP ALPHA4	Y	.001	7
74	MP ALPHA4	X	-.002	7
75	MP BETA4	Y	.001	7
76	MP BETA4	X	-.002	7
77	MP GAMMA4	Y	.002	7
78	MP GAMMA4	X	-.003	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.018	10
2	MP ALPHA4	Y	.018	4
3	MP ALPHA4	X	-.01	10
4	MP ALPHA4	X	-.01	4
5	MP BETA4	Y	.015	10
6	MP BETA4	Y	.015	4
7	MP BETA4	X	-.009	10
8	MP BETA4	X	-.009	4
9	MP GAMMA4	Y	.008	10
10	MP GAMMA4	Y	.008	4
11	MP GAMMA4	X	-.005	10
12	MP GAMMA4	X	-.005	4
13	MP ALPHA3	Y	.004	8
14	MP ALPHA3	Y	.004	6
15	MP ALPHA3	X	-.002	8
16	MP ALPHA3	X	-.002	6
17	MP BETA3	Y	.004	8
18	MP BETA3	Y	.004	6
19	MP BETA3	X	-.002	8
20	MP BETA3	X	-.002	6
21	MP GAMMA3	Y	.002	8
22	MP GAMMA3	Y	.002	6
23	MP GAMMA3	X	-.001	8
24	MP GAMMA3	X	-.001	6
25	MP ALPHA3	Y	.004	4
26	MP ALPHA3	Y	.004	2
27	MP ALPHA3	X	-.002	4
28	MP ALPHA3	X	-.002	2
29	MP BETA3	Y	.004	4
30	MP BETA3	Y	.004	2
31	MP BETA3	X	-.002	4
32	MP BETA3	X	-.002	2
33	MP GAMMA3	Y	.002	4
34	MP GAMMA3	Y	.002	2
35	MP GAMMA3	X	-.001	4
36	MP GAMMA3	X	-.001	2
37	MP ALPHA2	Y	.021	10
38	MP ALPHA2	Y	.021	4
39	MP ALPHA2	X	-.012	10
40	MP ALPHA2	X	-.012	4
41	MP BETA2	Y	.018	10
42	MP BETA2	Y	.018	4
43	MP BETA2	X	-.011	10
44	MP BETA2	X	-.011	4
45	MP GAMMA2	Y	.011	10
46	MP GAMMA2	Y	.011	4
47	MP GAMMA2	X	-.006	10
48	MP GAMMA2	X	-.006	4
49	MP ALPHA5	Y	.004	5
50	MP ALPHA5	X	-.002	5
51	MP BETA5	Y	.004	5
52	MP BETA5	X	-.002	5
53	MP GAMMA5	Y	.002	5
54	MP GAMMA5	X	-.001	5
55	MP ALPHA4	Y	.004	7
56	MP ALPHA4	X	-.002	7
57	MP BETA4	Y	.004	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
58	MP BETA4	X	-.002	7
59	MP GAMMA4	Y	.003	7
60	MP GAMMA4	X	-.002	7
61	MP ALPHA5	Y	.004	5
62	MP ALPHA5	X	-.002	5
63	MP BETA5	Y	.004	5
64	MP BETA5	X	-.002	5
65	MP GAMMA5	Y	.003	5
66	MP GAMMA5	X	-.002	5
67	MP ALPHA2	Y	.004	7
68	MP ALPHA2	X	-.003	7
69	MP BETA2	Y	.004	7
70	MP BETA2	X	-.003	7
71	MP GAMMA2	Y	.004	7
72	MP GAMMA2	X	-.002	7
73	MP ALPHA4	Y	.002	7
74	MP ALPHA4	X	-.001	7
75	MP BETA4	Y	.002	7
76	MP BETA4	X	-.001	7
77	MP GAMMA4	Y	.003	7
78	MP GAMMA4	X	-.002	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.024	10
2	MP ALPHA4	Y	.024	4
3	MP BETA4	Y	.011	10
4	MP BETA4	Y	.011	4
5	MP GAMMA4	Y	.015	10
6	MP GAMMA4	Y	.015	4
7	MP ALPHA3	Y	.006	8
8	MP ALPHA3	Y	.006	6
9	MP BETA3	Y	.003	8
10	MP BETA3	Y	.003	6
11	MP GAMMA3	Y	.004	8
12	MP GAMMA3	Y	.004	6
13	MP ALPHA3	Y	.005	4
14	MP ALPHA3	Y	.005	2
15	MP BETA3	Y	.003	4
16	MP BETA3	Y	.003	2
17	MP GAMMA3	Y	.004	4
18	MP GAMMA3	Y	.004	2
19	MP ALPHA2	Y	.028	10
20	MP ALPHA2	Y	.028	4
21	MP BETA2	Y	.014	10
22	MP BETA2	Y	.014	4
23	MP GAMMA2	Y	.019	10
24	MP GAMMA2	Y	.019	4
25	MP ALPHA5	Y	.005	5
26	MP BETA5	Y	.003	5
27	MP GAMMA5	Y	.003	5
28	MP ALPHA4	Y	.005	7
29	MP BETA4	Y	.004	7
30	MP GAMMA4	Y	.004	7
31	MP ALPHA5	Y	.006	5
32	MP BETA5	Y	.004	5



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
33	MP GAMMA5	Y	.004	5
34	MP ALPHA2	Y	.005	7
35	MP BETA2	Y	.005	7
36	MP GAMMA2	Y	.005	7
37	MP ALPHA4	Y	.002	7
38	MP BETA4	Y	.002	7
39	MP GAMMA4	Y	.003	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.018	10
2	MP ALPHA4	Y	.018	4
3	MP ALPHA4	X	.01	10
4	MP ALPHA4	X	.01	4
5	MP BETA4	Y	.008	10
6	MP BETA4	Y	.008	4
7	MP BETA4	X	.005	10
8	MP BETA4	X	.005	4
9	MP GAMMA4	Y	.019	10
10	MP GAMMA4	Y	.019	4
11	MP GAMMA4	X	.011	10
12	MP GAMMA4	X	.011	4
13	MP ALPHA3	Y	.004	8
14	MP ALPHA3	Y	.004	6
15	MP ALPHA3	X	.002	8
16	MP ALPHA3	X	.002	6
17	MP BETA3	Y	.002	8
18	MP BETA3	Y	.002	6
19	MP BETA3	X	.001	8
20	MP BETA3	X	.001	6
21	MP GAMMA3	Y	.005	8
22	MP GAMMA3	Y	.005	6
23	MP GAMMA3	X	.003	8
24	MP GAMMA3	X	.003	6
25	MP ALPHA3	Y	.004	4
26	MP ALPHA3	Y	.004	2
27	MP ALPHA3	X	.002	4
28	MP ALPHA3	X	.002	2
29	MP BETA3	Y	.002	4
30	MP BETA3	Y	.002	2
31	MP BETA3	X	.001	4
32	MP BETA3	X	.001	2
33	MP GAMMA3	Y	.004	4
34	MP GAMMA3	Y	.004	2
35	MP GAMMA3	X	.003	4
36	MP GAMMA3	X	.003	2
37	MP ALPHA2	Y	.021	10
38	MP ALPHA2	Y	.021	4
39	MP ALPHA2	X	.012	10
40	MP ALPHA2	X	.012	4
41	MP BETA2	Y	.011	10
42	MP BETA2	Y	.011	4
43	MP BETA2	X	.006	10
44	MP BETA2	X	.006	4
45	MP GAMMA2	Y	.022	10
46	MP GAMMA2	Y	.022	4



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
47	MP GAMMA2	X	.013	10
48	MP GAMMA2	X	.013	4
49	MP ALPHA5	Y	.004	5
50	MP ALPHA5	X	.002	5
51	MP BETA5	Y	.002	5
52	MP BETA5	X	.001	5
53	MP GAMMA5	Y	.004	5
54	MP GAMMA5	X	.002	5
55	MP ALPHA4	Y	.004	7
56	MP ALPHA4	X	.002	7
57	MP BETA4	Y	.003	7
58	MP BETA4	X	.002	7
59	MP GAMMA4	Y	.004	7
60	MP GAMMA4	X	.002	7
61	MP ALPHA5	Y	.004	5
62	MP ALPHA5	X	.002	5
63	MP BETA5	Y	.003	5
64	MP BETA5	X	.002	5
65	MP GAMMA5	Y	.004	5
66	MP GAMMA5	X	.002	5
67	MP ALPHA2	Y	.004	7
68	MP ALPHA2	X	.003	7
69	MP BETA2	Y	.004	7
70	MP BETA2	X	.002	7
71	MP GAMMA2	Y	.004	7
72	MP GAMMA2	X	.003	7
73	MP ALPHA4	Y	.002	7
74	MP ALPHA4	X	.001	7
75	MP BETA4	Y	.002	7
76	MP BETA4	X	.001	7
77	MP GAMMA4	Y	.003	7
78	MP GAMMA4	X	.002	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.006	10
2	MP ALPHA4	Y	.006	4
3	MP ALPHA4	X	.011	10
4	MP ALPHA4	X	.011	4
5	MP BETA4	Y	.008	10
6	MP BETA4	Y	.008	4
7	MP BETA4	X	.013	10
8	MP BETA4	X	.013	4
9	MP GAMMA4	Y	.012	10
10	MP GAMMA4	Y	.012	4
11	MP GAMMA4	X	.02	10
12	MP GAMMA4	X	.02	4
13	MP ALPHA3	Y	.002	8
14	MP ALPHA3	Y	.002	6
15	MP ALPHA3	X	.003	8
16	MP ALPHA3	X	.003	6
17	MP BETA3	Y	.002	8
18	MP BETA3	Y	.002	6
19	MP BETA3	X	.003	8
20	MP BETA3	X	.003	6
21	MP GAMMA3	Y	.003	8



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP GAMMA3	Y	.003	6
23	MP GAMMA3	X	.005	8
24	MP GAMMA3	X	.005	6
25	MP ALPHA3	Y	.002	4
26	MP ALPHA3	Y	.002	2
27	MP ALPHA3	X	.003	4
28	MP ALPHA3	X	.003	2
29	MP BETA3	Y	.002	4
30	MP BETA3	Y	.002	2
31	MP BETA3	X	.003	4
32	MP BETA3	X	.003	2
33	MP GAMMA3	Y	.003	4
34	MP GAMMA3	Y	.003	2
35	MP GAMMA3	X	.005	4
36	MP GAMMA3	X	.005	2
37	MP ALPHA2	Y	.008	10
38	MP ALPHA2	Y	.008	4
39	MP ALPHA2	X	.014	10
40	MP ALPHA2	X	.014	4
41	MP BETA2	Y	.009	10
42	MP BETA2	Y	.009	4
43	MP BETA2	X	.016	10
44	MP BETA2	X	.016	4
45	MP GAMMA2	Y	.014	10
46	MP GAMMA2	Y	.014	4
47	MP GAMMA2	X	.024	10
48	MP GAMMA2	X	.024	4
49	MP ALPHA5	Y	.002	5
50	MP ALPHA5	X	.003	5
51	MP BETA5	Y	.002	5
52	MP BETA5	X	.003	5
53	MP GAMMA5	Y	.003	5
54	MP GAMMA5	X	.004	5
55	MP ALPHA4	Y	.002	7
56	MP ALPHA4	X	.004	7
57	MP BETA4	Y	.002	7
58	MP BETA4	X	.004	7
59	MP GAMMA4	Y	.003	7
60	MP GAMMA4	X	.005	7
61	MP ALPHA5	Y	.002	5
62	MP ALPHA5	X	.003	5
63	MP BETA5	Y	.002	5
64	MP BETA5	X	.003	5
65	MP GAMMA5	Y	.003	5
66	MP GAMMA5	X	.005	5
67	MP ALPHA2	Y	.002	7
68	MP ALPHA2	X	.004	7
69	MP BETA2	Y	.002	7
70	MP BETA2	X	.004	7
71	MP GAMMA2	Y	.003	7
72	MP GAMMA2	X	.005	7
73	MP ALPHA4	Y	.001	7
74	MP ALPHA4	X	.002	7
75	MP BETA4	Y	.001	7
76	MP BETA4	X	.002	7
77	MP GAMMA4	Y	.002	7
78	MP GAMMA4	X	.003	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	X	.009	10
2	MP ALPHA4	X	.009	4
3	MP BETA4	X	.022	10
4	MP BETA4	X	.022	4
5	MP GAMMA4	X	.018	10
6	MP GAMMA4	X	.018	4
7	MP ALPHA3	X	.003	8
8	MP ALPHA3	X	.003	6
9	MP BETA3	X	.005	8
10	MP BETA3	X	.005	6
11	MP GAMMA3	X	.004	8
12	MP GAMMA3	X	.004	6
13	MP ALPHA3	X	.003	4
14	MP ALPHA3	X	.003	2
15	MP BETA3	X	.005	4
16	MP BETA3	X	.005	2
17	MP GAMMA3	X	.004	4
18	MP GAMMA3	X	.004	2
19	MP ALPHA2	X	.012	10
20	MP ALPHA2	X	.012	4
21	MP BETA2	X	.026	10
22	MP BETA2	X	.026	4
23	MP GAMMA2	X	.021	10
24	MP GAMMA2	X	.021	4
25	MP ALPHA5	X	.002	5
26	MP BETA5	X	.004	5
27	MP GAMMA5	X	.004	5
28	MP ALPHA4	X	.004	7
29	MP BETA4	X	.005	7
30	MP GAMMA4	X	.005	7
31	MP ALPHA5	X	.003	5
32	MP BETA5	X	.005	5
33	MP GAMMA5	X	.005	5
34	MP ALPHA2	X	.005	7
35	MP BETA2	X	.005	7
36	MP GAMMA2	X	.005	7
37	MP ALPHA4	X	.002	7
38	MP BETA4	X	.002	7
39	MP GAMMA4	X	.003	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.006	10
2	MP ALPHA4	Y	-.006	4
3	MP ALPHA4	X	.011	10
4	MP ALPHA4	X	.011	4
5	MP BETA4	Y	-.012	10
6	MP BETA4	Y	-.012	4
7	MP BETA4	X	.02	10
8	MP BETA4	X	.02	4
9	MP GAMMA4	Y	-.005	10
10	MP GAMMA4	Y	-.005	4
11	MP GAMMA4	X	.009	10
12	MP GAMMA4	X	.009	4
13	MP ALPHA3	Y	-.002	8
14	MP ALPHA3	Y	-.002	6



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
15	MP ALPHA3	X	.003	8
16	MP ALPHA3	X	.003	6
17	MP BETA3	Y	-.003	8
18	MP BETA3	Y	-.003	6
19	MP BETA3	X	.005	8
20	MP BETA3	X	.005	6
21	MP GAMMA3	Y	-.002	8
22	MP GAMMA3	Y	-.002	6
23	MP GAMMA3	X	.003	8
24	MP GAMMA3	X	.003	6
25	MP ALPHA3	Y	-.002	4
26	MP ALPHA3	Y	-.002	2
27	MP ALPHA3	X	.003	4
28	MP ALPHA3	X	.003	2
29	MP BETA3	Y	-.003	4
30	MP BETA3	Y	-.003	2
31	MP BETA3	X	.005	4
32	MP BETA3	X	.005	2
33	MP GAMMA3	Y	-.001	4
34	MP GAMMA3	Y	-.001	2
35	MP GAMMA3	X	.003	4
36	MP GAMMA3	X	.003	2
37	MP ALPHA2	Y	-.008	10
38	MP ALPHA2	Y	-.008	4
39	MP ALPHA2	X	.014	10
40	MP ALPHA2	X	.014	4
41	MP BETA2	Y	-.014	10
42	MP BETA2	Y	-.014	4
43	MP BETA2	X	.024	10
44	MP BETA2	X	.024	4
45	MP GAMMA2	Y	-.007	10
46	MP GAMMA2	Y	-.007	4
47	MP GAMMA2	X	.012	10
48	MP GAMMA2	X	.012	4
49	MP ALPHA5	Y	-.002	5
50	MP ALPHA5	X	.003	5
51	MP BETA5	Y	-.003	5
52	MP BETA5	X	.004	5
53	MP GAMMA5	Y	-.002	5
54	MP GAMMA5	X	.003	5
55	MP ALPHA4	Y	-.002	7
56	MP ALPHA4	X	.004	7
57	MP BETA4	Y	-.003	7
58	MP BETA4	X	.005	7
59	MP GAMMA4	Y	-.002	7
60	MP GAMMA4	X	.004	7
61	MP ALPHA5	Y	-.002	5
62	MP ALPHA5	X	.003	5
63	MP BETA5	Y	-.003	5
64	MP BETA5	X	.005	5
65	MP GAMMA5	Y	-.002	5
66	MP GAMMA5	X	.003	5
67	MP ALPHA2	Y	-.002	7
68	MP ALPHA2	X	.004	7
69	MP BETA2	Y	-.003	7
70	MP BETA2	X	.005	7
71	MP GAMMA2	Y	-.002	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
72	MP GAMMA2	X	.004	7
73	MP ALPHA4	Y	-.001	7
74	MP ALPHA4	X	.002	7
75	MP BETA4	Y	-.001	7
76	MP BETA4	X	.002	7
77	MP GAMMA4	Y	-.002	7
78	MP GAMMA4	X	.003	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.018	10
2	MP ALPHA4	Y	-.018	4
3	MP ALPHA4	X	.01	10
4	MP ALPHA4	X	.01	4
5	MP BETA4	Y	-.015	10
6	MP BETA4	Y	-.015	4
7	MP BETA4	X	.009	10
8	MP BETA4	X	.009	4
9	MP GAMMA4	Y	-.008	10
10	MP GAMMA4	Y	-.008	4
11	MP GAMMA4	X	.005	10
12	MP GAMMA4	X	.005	4
13	MP ALPHA3	Y	-.004	8
14	MP ALPHA3	Y	-.004	6
15	MP ALPHA3	X	.002	8
16	MP ALPHA3	X	.002	6
17	MP BETA3	Y	-.004	8
18	MP BETA3	Y	-.004	6
19	MP BETA3	X	.002	8
20	MP BETA3	X	.002	6
21	MP GAMMA3	Y	-.002	8
22	MP GAMMA3	Y	-.002	6
23	MP GAMMA3	X	.001	8
24	MP GAMMA3	X	.001	6
25	MP ALPHA3	Y	-.004	4
26	MP ALPHA3	Y	-.004	2
27	MP ALPHA3	X	.002	4
28	MP ALPHA3	X	.002	2
29	MP BETA3	Y	-.004	4
30	MP BETA3	Y	-.004	2
31	MP BETA3	X	.002	4
32	MP BETA3	X	.002	2
33	MP GAMMA3	Y	-.002	4
34	MP GAMMA3	Y	-.002	2
35	MP GAMMA3	X	.001	4
36	MP GAMMA3	X	.001	2
37	MP ALPHA2	Y	-.021	10
38	MP ALPHA2	Y	-.021	4
39	MP ALPHA2	X	.012	10
40	MP ALPHA2	X	.012	4
41	MP BETA2	Y	-.018	10
42	MP BETA2	Y	-.018	4
43	MP BETA2	X	.011	10
44	MP BETA2	X	.011	4
45	MP GAMMA2	Y	-.011	10
46	MP GAMMA2	Y	-.011	4



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
47	MP GAMMA2	X	.006	10
48	MP GAMMA2	X	.006	4
49	MP ALPHA5	Y	-.004	5
50	MP ALPHA5	X	.002	5
51	MP BETA5	Y	-.004	5
52	MP BETA5	X	.002	5
53	MP GAMMA5	Y	-.002	5
54	MP GAMMA5	X	.001	5
55	MP ALPHA4	Y	-.004	7
56	MP ALPHA4	X	.002	7
57	MP BETA4	Y	-.004	7
58	MP BETA4	X	.002	7
59	MP GAMMA4	Y	-.003	7
60	MP GAMMA4	X	.002	7
61	MP ALPHA5	Y	-.004	5
62	MP ALPHA5	X	.002	5
63	MP BETA5	Y	-.004	5
64	MP BETA5	X	.002	5
65	MP GAMMA5	Y	-.003	5
66	MP GAMMA5	X	.002	5
67	MP ALPHA2	Y	-.004	7
68	MP ALPHA2	X	.003	7
69	MP BETA2	Y	-.004	7
70	MP BETA2	X	.003	7
71	MP GAMMA2	Y	-.004	7
72	MP GAMMA2	X	.002	7
73	MP ALPHA4	Y	-.002	7
74	MP ALPHA4	X	.001	7
75	MP BETA4	Y	-.002	7
76	MP BETA4	X	.001	7
77	MP GAMMA4	Y	-.003	7
78	MP GAMMA4	X	.002	7

Member Point Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Z	-.189	10
2	MP ALPHA4	Z	-.189	4
3	MP BETA4	Z	-.189	10
4	MP BETA4	Z	-.189	4
5	MP GAMMA4	Z	-.189	10
6	MP GAMMA4	Z	-.189	4
7	MP ALPHA3	Z	-.06	8
8	MP ALPHA3	Z	-.06	6
9	MP BETA3	Z	-.06	8
10	MP BETA3	Z	-.06	6
11	MP GAMMA3	Z	-.06	8
12	MP GAMMA3	Z	-.06	6
13	MP ALPHA3	Z	-.06	4
14	MP ALPHA3	Z	-.06	2
15	MP BETA3	Z	-.06	4
16	MP BETA3	Z	-.06	2
17	MP GAMMA3	Z	-.06	4
18	MP GAMMA3	Z	-.06	2
19	MP ALPHA2	Z	-.21	10
20	MP ALPHA2	Z	-.21	4
21	MP BETA2	Z	-.21	10



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
22	MP BETA2	Z	-.21	4
23	MP GAMMA2	Z	-.21	10
24	MP GAMMA2	Z	-.21	4
25	MP ALPHA5	Z	-.063	5
26	MP BETA5	Z	-.063	5
27	MP GAMMA5	Z	-.063	5
28	MP ALPHA4	Z	-.078	7
29	MP BETA4	Z	-.078	7
30	MP GAMMA4	Z	-.078	7
31	MP ALPHA5	Z	-.074	5
32	MP BETA5	Z	-.074	5
33	MP GAMMA5	Z	-.074	5
34	MP ALPHA2	Z	-.085	7
35	MP BETA2	Z	-.085	7
36	MP GAMMA2	Z	-.085	7
37	MP ALPHA4	Z	-.088	7
38	MP BETA4	Z	-.088	7
39	MP GAMMA4	Z	-.107	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.073	10
2	MP ALPHA4	Y	-.073	4
3	MP BETA4	Y	-.034	10
4	MP BETA4	Y	-.034	4
5	MP GAMMA4	Y	-.055	10
6	MP GAMMA4	Y	-.055	4
7	MP ALPHA3	Y	-.012	8
8	MP ALPHA3	Y	-.012	6
9	MP BETA3	Y	-.007	8
10	MP BETA3	Y	-.007	6
11	MP GAMMA3	Y	-.01	8
12	MP GAMMA3	Y	-.01	6
13	MP ALPHA3	Y	-.019	4
14	MP ALPHA3	Y	-.019	2
15	MP BETA3	Y	-.01	4
16	MP BETA3	Y	-.01	2
17	MP GAMMA3	Y	-.016	4
18	MP GAMMA3	Y	-.016	2
19	MP ALPHA2	Y	-.083	10
20	MP ALPHA2	Y	-.083	4
21	MP BETA2	Y	-.042	10
22	MP BETA2	Y	-.042	4
23	MP GAMMA2	Y	-.067	10
24	MP GAMMA2	Y	-.067	4
25	MP ALPHA5	Y	-.013	5
26	MP BETA5	Y	-.009	5
27	MP GAMMA5	Y	-.009	5
28	MP ALPHA4	Y	-.013	7
29	MP BETA4	Y	-.011	7
30	MP GAMMA4	Y	-.011	7
31	MP ALPHA5	Y	-.013	5
32	MP BETA5	Y	-.01	5
33	MP GAMMA5	Y	-.01	5
34	MP ALPHA2	Y	-.013	7
35	MP BETA2	Y	-.012	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
36	MP GAMMA2	Y	-.012	7
37	MP ALPHA4	Y	-.014	7
38	MP BETA4	Y	-.014	7
39	MP GAMMA4	Y	-.018	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.055	10
2	MP ALPHA4	Y	-.055	4
3	MP ALPHA4	X	-.031	10
4	MP ALPHA4	X	-.031	4
5	MP BETA4	Y	-.031	10
6	MP BETA4	Y	-.031	4
7	MP BETA4	X	-.018	10
8	MP BETA4	X	-.018	4
9	MP GAMMA4	Y	-.063	10
10	MP GAMMA4	Y	-.063	4
11	MP GAMMA4	X	-.036	10
12	MP GAMMA4	X	-.036	4
13	MP ALPHA3	Y	-.01	8
14	MP ALPHA3	Y	-.01	6
15	MP ALPHA3	X	-.006	8
16	MP ALPHA3	X	-.006	6
17	MP BETA3	Y	-.006	8
18	MP BETA3	Y	-.006	6
19	MP BETA3	X	-.004	8
20	MP BETA3	X	-.004	6
21	MP GAMMA3	Y	-.011	8
22	MP GAMMA3	Y	-.011	6
23	MP GAMMA3	X	-.006	8
24	MP GAMMA3	X	-.006	6
25	MP ALPHA3	Y	-.014	4
26	MP ALPHA3	Y	-.014	2
27	MP ALPHA3	X	-.008	4
28	MP ALPHA3	X	-.008	2
29	MP BETA3	Y	-.01	4
30	MP BETA3	Y	-.01	2
31	MP BETA3	X	-.006	4
32	MP BETA3	X	-.006	2
33	MP GAMMA3	Y	-.017	4
34	MP GAMMA3	Y	-.017	2
35	MP GAMMA3	X	-.01	4
36	MP GAMMA3	X	-.01	2
37	MP ALPHA2	Y	-.063	10
38	MP ALPHA2	Y	-.063	4
39	MP ALPHA2	X	-.037	10
40	MP ALPHA2	X	-.037	4
41	MP BETA2	Y	-.039	10
42	MP BETA2	Y	-.039	4
43	MP BETA2	X	-.023	10
44	MP BETA2	X	-.023	4
45	MP GAMMA2	Y	-.073	10
46	MP GAMMA2	Y	-.073	4
47	MP GAMMA2	X	-.042	10
48	MP GAMMA2	X	-.042	4
49	MP ALPHA5	Y	-.01	5



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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
50	MP ALPHA5	X	-0.06	5
51	MP BETA5	Y	-0.06	5
52	MP BETA5	X	-0.04	5
53	MP GAMMA5	Y	-.01	5
54	MP GAMMA5	X	-0.06	5
55	MP ALPHA4	Y	-0.11	7
56	MP ALPHA4	X	-0.06	7
57	MP BETA4	Y	-0.09	7
58	MP BETA4	X	-0.05	7
59	MP GAMMA4	Y	-0.11	7
60	MP GAMMA4	X	-0.06	7
61	MP ALPHA5	Y	-0.11	5
62	MP ALPHA5	X	-0.06	5
63	MP BETA5	Y	-0.08	5
64	MP BETA5	X	-0.05	5
65	MP GAMMA5	Y	-0.11	5
66	MP GAMMA5	X	-0.06	5
67	MP ALPHA2	Y	-0.11	7
68	MP ALPHA2	X	-0.06	7
69	MP BETA2	Y	-.01	7
70	MP BETA2	X	-0.06	7
71	MP GAMMA2	Y	-0.11	7
72	MP GAMMA2	X	-0.06	7
73	MP ALPHA4	Y	-0.12	7
74	MP ALPHA4	X	-0.07	7
75	MP BETA4	Y	-0.12	7
76	MP BETA4	X	-0.07	7
77	MP GAMMA4	Y	-0.15	7
78	MP GAMMA4	X	-0.09	7

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
1	MP ALPHA4	Y	-0.22	10
2	MP ALPHA4	Y	-0.22	4
3	MP ALPHA4	X	-0.38	10
4	MP ALPHA4	X	-0.38	4
5	MP BETA4	Y	-0.28	10
6	MP BETA4	Y	-0.28	4
7	MP BETA4	X	-0.48	10
8	MP BETA4	X	-0.48	4
9	MP GAMMA4	Y	-0.35	10
10	MP GAMMA4	Y	-0.35	4
11	MP GAMMA4	X	-0.61	10
12	MP GAMMA4	X	-0.61	4
13	MP ALPHA3	Y	-0.04	8
14	MP ALPHA3	Y	-0.04	6
15	MP ALPHA3	X	-0.07	8
16	MP ALPHA3	X	-0.07	6
17	MP BETA3	Y	-0.05	8
18	MP BETA3	Y	-0.05	6
19	MP BETA3	X	-0.09	8
20	MP BETA3	X	-0.09	6
21	MP GAMMA3	Y	-0.06	8
22	MP GAMMA3	Y	-0.06	6
23	MP GAMMA3	X	-.01	8
24	MP GAMMA3	X	-.01	6



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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
25	MP ALPHA3	Y	-0.06	4
26	MP ALPHA3	Y	-0.06	2
27	MP ALPHA3	X	-0.11	4
28	MP ALPHA3	X	-0.11	2
29	MP BETA3	Y	-0.08	4
30	MP BETA3	Y	-0.08	2
31	MP BETA3	X	-0.14	4
32	MP BETA3	X	-0.14	2
33	MP GAMMA3	Y	-0.09	4
34	MP GAMMA3	Y	-0.09	2
35	MP GAMMA3	X	-0.16	4
36	MP GAMMA3	X	-0.16	2
37	MP ALPHA2	Y	-0.26	10
38	MP ALPHA2	Y	-0.26	4
39	MP ALPHA2	X	-0.46	10
40	MP ALPHA2	X	-0.46	4
41	MP BETA2	Y	-0.33	10
42	MP BETA2	Y	-0.33	4
43	MP BETA2	X	-0.58	10
44	MP BETA2	X	-0.58	4
45	MP GAMMA2	Y	-0.4	10
46	MP GAMMA2	Y	-0.4	4
47	MP GAMMA2	X	-0.7	10
48	MP GAMMA2	X	-0.7	4
49	MP ALPHA5	Y	-0.04	5
50	MP ALPHA5	X	-0.07	5
51	MP BETA5	Y	-0.04	5
52	MP BETA5	X	-0.07	5
53	MP GAMMA5	Y	-0.06	5
54	MP GAMMA5	X	-0.11	5
55	MP ALPHA4	Y	-0.05	7
56	MP ALPHA4	X	-0.09	7
57	MP BETA4	Y	-0.05	7
58	MP BETA4	X	-0.09	7
59	MP GAMMA4	Y	-0.07	7
60	MP GAMMA4	X	-0.11	7
61	MP ALPHA5	Y	-0.05	5
62	MP ALPHA5	X	-0.09	5
63	MP BETA5	Y	-0.05	5
64	MP BETA5	X	-0.09	5
65	MP GAMMA5	Y	-0.07	5
66	MP GAMMA5	X	-0.12	5
67	MP ALPHA2	Y	-0.06	7
68	MP ALPHA2	X	-0.1	7
69	MP BETA2	Y	-0.06	7
70	MP BETA2	X	-0.1	7
71	MP GAMMA2	Y	-0.07	7
72	MP GAMMA2	X	-0.11	7
73	MP ALPHA4	Y	-0.07	7
74	MP ALPHA4	X	-0.12	7
75	MP BETA4	Y	-0.07	7
76	MP BETA4	X	-0.12	7
77	MP GAMMA4	Y	-0.09	7
78	MP GAMMA4	X	-0.15	7

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
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Member Point Loads (BLC 31 : Ice Wind Load (90)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	X	-.034	10
2	MP ALPHA4	X	-.034	4
3	MP BETA4	X	-.073	10
4	MP BETA4	X	-.073	4
5	MP GAMMA4	X	-.051	10
6	MP GAMMA4	X	-.051	4
7	MP ALPHA3	X	-.007	8
8	MP ALPHA3	X	-.007	6
9	MP BETA3	X	-.013	8
10	MP BETA3	X	-.013	6
11	MP GAMMA3	X	-.009	8
12	MP GAMMA3	X	-.009	6
13	MP ALPHA3	X	-.011	4
14	MP ALPHA3	X	-.011	2
15	MP BETA3	X	-.019	4
16	MP BETA3	X	-.019	2
17	MP GAMMA3	X	-.014	4
18	MP GAMMA3	X	-.014	2
19	MP ALPHA2	X	-.043	10
20	MP ALPHA2	X	-.043	4
21	MP BETA2	X	-.084	10
22	MP BETA2	X	-.084	4
23	MP GAMMA2	X	-.06	10
24	MP GAMMA2	X	-.06	4
25	MP ALPHA5	X	-.007	5
26	MP BETA5	X	-.011	5
27	MP GAMMA5	X	-.011	5
28	MP ALPHA4	X	-.01	7
29	MP BETA4	X	-.012	7
30	MP GAMMA4	X	-.012	7
31	MP ALPHA5	X	-.009	5
32	MP BETA5	X	-.012	5
33	MP GAMMA5	X	-.012	5
34	MP ALPHA2	X	-.012	7
35	MP BETA2	X	-.013	7
36	MP GAMMA2	X	-.013	7
37	MP ALPHA4	X	-.014	7
38	MP BETA4	X	-.014	7
39	MP GAMMA4	X	-.018	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.022	10
2	MP ALPHA4	Y	.022	4
3	MP ALPHA4	X	-.038	10
4	MP ALPHA4	X	-.038	4
5	MP BETA4	Y	.035	10
6	MP BETA4	Y	.035	4
7	MP BETA4	X	-.061	10
8	MP BETA4	X	-.061	4
9	MP GAMMA4	Y	.017	10
10	MP GAMMA4	Y	.017	4
11	MP GAMMA4	X	-.029	10
12	MP GAMMA4	X	-.029	4
13	MP ALPHA3	Y	.004	8
14	MP ALPHA3	Y	.004	6



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
15	MP ALPHA3	X	-.007	8
16	MP ALPHA3	X	-.007	6
17	MP BETA3	Y	.006	8
18	MP BETA3	Y	.006	6
19	MP BETA3	X	-.01	8
20	MP BETA3	X	-.01	6
21	MP GAMMA3	Y	.003	8
22	MP GAMMA3	Y	.003	6
23	MP GAMMA3	X	-.006	8
24	MP GAMMA3	X	-.006	6
25	MP ALPHA3	Y	.006	4
26	MP ALPHA3	Y	.006	2
27	MP ALPHA3	X	-.011	4
28	MP ALPHA3	X	-.011	2
29	MP BETA3	Y	.009	4
30	MP BETA3	Y	.009	2
31	MP BETA3	X	-.016	4
32	MP BETA3	X	-.016	2
33	MP GAMMA3	Y	.005	4
34	MP GAMMA3	Y	.005	2
35	MP GAMMA3	X	-.009	4
36	MP GAMMA3	X	-.009	2
37	MP ALPHA2	Y	.026	10
38	MP ALPHA2	Y	.026	4
39	MP ALPHA2	X	-.046	10
40	MP ALPHA2	X	-.046	4
41	MP BETA2	Y	.04	10
42	MP BETA2	Y	.04	4
43	MP BETA2	X	-.07	10
44	MP BETA2	X	-.07	4
45	MP GAMMA2	Y	.021	10
46	MP GAMMA2	Y	.021	4
47	MP GAMMA2	X	-.036	10
48	MP GAMMA2	X	-.036	4
49	MP ALPHA5	Y	.004	5
50	MP ALPHA5	X	-.007	5
51	MP BETA5	Y	.006	5
52	MP BETA5	X	-.011	5
53	MP GAMMA5	Y	.004	5
54	MP GAMMA5	X	-.007	5
55	MP ALPHA4	Y	.005	7
56	MP ALPHA4	X	-.009	7
57	MP BETA4	Y	.007	7
58	MP BETA4	X	-.011	7
59	MP GAMMA4	Y	.005	7
60	MP GAMMA4	X	-.009	7
61	MP ALPHA5	Y	.005	5
62	MP ALPHA5	X	-.009	5
63	MP BETA5	Y	.007	5
64	MP BETA5	X	-.012	5
65	MP GAMMA5	Y	.005	5
66	MP GAMMA5	X	-.009	5
67	MP ALPHA2	Y	.006	7
68	MP ALPHA2	X	-.01	7
69	MP BETA2	Y	.007	7
70	MP BETA2	X	-.011	7
71	MP GAMMA2	Y	.006	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
72	MP GAMMA2	X	-.01	7
73	MP ALPHA4	Y	.007	7
74	MP ALPHA4	X	-.012	7
75	MP BETA4	Y	.007	7
76	MP BETA4	X	-.012	7
77	MP GAMMA4	Y	.009	7
78	MP GAMMA4	X	-.015	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.055	10
2	MP ALPHA4	Y	.055	4
3	MP ALPHA4	X	-.031	10
4	MP ALPHA4	X	-.031	4
5	MP BETA4	Y	.044	10
6	MP BETA4	Y	.044	4
7	MP BETA4	X	-.026	10
8	MP BETA4	X	-.026	4
9	MP GAMMA4	Y	.031	10
10	MP GAMMA4	Y	.031	4
11	MP GAMMA4	X	-.018	10
12	MP GAMMA4	X	-.018	4
13	MP ALPHA3	Y	.01	8
14	MP ALPHA3	Y	.01	6
15	MP ALPHA3	X	-.006	8
16	MP ALPHA3	X	-.006	6
17	MP BETA3	Y	.008	8
18	MP BETA3	Y	.008	6
19	MP BETA3	X	-.005	8
20	MP BETA3	X	-.005	6
21	MP GAMMA3	Y	.006	8
22	MP GAMMA3	Y	.006	6
23	MP GAMMA3	X	-.004	8
24	MP GAMMA3	X	-.004	6
25	MP ALPHA3	Y	.014	4
26	MP ALPHA3	Y	.014	2
27	MP ALPHA3	X	-.008	4
28	MP ALPHA3	X	-.008	2
29	MP BETA3	Y	.012	4
30	MP BETA3	Y	.012	2
31	MP BETA3	X	-.007	4
32	MP BETA3	X	-.007	2
33	MP GAMMA3	Y	.01	4
34	MP GAMMA3	Y	.01	2
35	MP GAMMA3	X	-.006	4
36	MP GAMMA3	X	-.006	2
37	MP ALPHA2	Y	.063	10
38	MP ALPHA2	Y	.063	4
39	MP ALPHA2	X	-.037	10
40	MP ALPHA2	X	-.037	4
41	MP BETA2	Y	.052	10
42	MP BETA2	Y	.052	4
43	MP BETA2	X	-.03	10
44	MP BETA2	X	-.03	4
45	MP GAMMA2	Y	.039	10
46	MP GAMMA2	Y	.039	4



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
47	MP GAMMA2	X	-.023	10
48	MP GAMMA2	X	-.023	4
49	MP ALPHA5	Y	.01	5
50	MP ALPHA5	X	-.006	5
51	MP BETA5	Y	.01	5
52	MP BETA5	X	-.006	5
53	MP GAMMA5	Y	.006	5
54	MP GAMMA5	X	-.004	5
55	MP ALPHA4	Y	.011	7
56	MP ALPHA4	X	-.006	7
57	MP BETA4	Y	.011	7
58	MP BETA4	X	-.006	7
59	MP GAMMA4	Y	.009	7
60	MP GAMMA4	X	-.005	7
61	MP ALPHA5	Y	.011	5
62	MP ALPHA5	X	-.006	5
63	MP BETA5	Y	.011	5
64	MP BETA5	X	-.006	5
65	MP GAMMA5	Y	.008	5
66	MP GAMMA5	X	-.005	5
67	MP ALPHA2	Y	.011	7
68	MP ALPHA2	X	-.006	7
69	MP BETA2	Y	.011	7
70	MP BETA2	X	-.006	7
71	MP GAMMA2	Y	.01	7
72	MP GAMMA2	X	-.006	7
73	MP ALPHA4	Y	.012	7
74	MP ALPHA4	X	-.007	7
75	MP BETA4	Y	.012	7
76	MP BETA4	X	-.007	7
77	MP GAMMA4	Y	.015	7
78	MP GAMMA4	X	-.009	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.073	10
2	MP ALPHA4	Y	.073	4
3	MP BETA4	Y	.034	10
4	MP BETA4	Y	.034	4
5	MP GAMMA4	Y	.055	10
6	MP GAMMA4	Y	.055	4
7	MP ALPHA3	Y	.012	8
8	MP ALPHA3	Y	.012	6
9	MP BETA3	Y	.007	8
10	MP BETA3	Y	.007	6
11	MP GAMMA3	Y	.01	8
12	MP GAMMA3	Y	.01	6
13	MP ALPHA3	Y	.019	4
14	MP ALPHA3	Y	.019	2
15	MP BETA3	Y	.01	4
16	MP BETA3	Y	.01	2
17	MP GAMMA3	Y	.016	4
18	MP GAMMA3	Y	.016	2
19	MP ALPHA2	Y	.083	10
20	MP ALPHA2	Y	.083	4
21	MP BETA2	Y	.042	10



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
22	MP BETA2	Y	.042	4
23	MP GAMMA2	Y	.067	10
24	MP GAMMA2	Y	.067	4
25	MP ALPHA5	Y	.013	5
26	MP BETA5	Y	.009	5
27	MP GAMMA5	Y	.009	5
28	MP ALPHA4	Y	.013	7
29	MP BETA4	Y	.011	7
30	MP GAMMA4	Y	.011	7
31	MP ALPHA5	Y	.013	5
32	MP BETA5	Y	.01	5
33	MP GAMMA5	Y	.01	5
34	MP ALPHA2	Y	.013	7
35	MP BETA2	Y	.012	7
36	MP GAMMA2	Y	.012	7
37	MP ALPHA4	Y	.014	7
38	MP BETA4	Y	.014	7
39	MP GAMMA4	Y	.018	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.055	10
2	MP ALPHA4	Y	.055	4
3	MP ALPHA4	X	.031	10
4	MP ALPHA4	X	.031	4
5	MP BETA4	Y	.031	10
6	MP BETA4	Y	.031	4
7	MP BETA4	X	.018	10
8	MP BETA4	X	.018	4
9	MP GAMMA4	Y	.063	10
10	MP GAMMA4	Y	.063	4
11	MP GAMMA4	X	.036	10
12	MP GAMMA4	X	.036	4
13	MP ALPHA3	Y	.01	8
14	MP ALPHA3	Y	.01	6
15	MP ALPHA3	X	.006	8
16	MP ALPHA3	X	.006	6
17	MP BETA3	Y	.006	8
18	MP BETA3	Y	.006	6
19	MP BETA3	X	.004	8
20	MP BETA3	X	.004	6
21	MP GAMMA3	Y	.011	8
22	MP GAMMA3	Y	.011	6
23	MP GAMMA3	X	.006	8
24	MP GAMMA3	X	.006	6
25	MP ALPHA3	Y	.014	4
26	MP ALPHA3	Y	.014	2
27	MP ALPHA3	X	.008	4
28	MP ALPHA3	X	.008	2
29	MP BETA3	Y	.01	4
30	MP BETA3	Y	.01	2
31	MP BETA3	X	.006	4
32	MP BETA3	X	.006	2
33	MP GAMMA3	Y	.017	4
34	MP GAMMA3	Y	.017	2
35	MP GAMMA3	X	.01	4



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
36	MP GAMMA3	X	.01	2
37	MP ALPHA2	Y	.063	10
38	MP ALPHA2	Y	.063	4
39	MP ALPHA2	X	.037	10
40	MP ALPHA2	X	.037	4
41	MP BETA2	Y	.039	10
42	MP BETA2	Y	.039	4
43	MP BETA2	X	.023	10
44	MP BETA2	X	.023	4
45	MP GAMMA2	Y	.073	10
46	MP GAMMA2	Y	.073	4
47	MP GAMMA2	X	.042	10
48	MP GAMMA2	X	.042	4
49	MP ALPHA5	Y	.01	5
50	MP ALPHA5	X	.006	5
51	MP BETA5	Y	.006	5
52	MP BETA5	X	.004	5
53	MP GAMMA5	Y	.01	5
54	MP GAMMA5	X	.006	5
55	MP ALPHA4	Y	.011	7
56	MP ALPHA4	X	.006	7
57	MP BETA4	Y	.009	7
58	MP BETA4	X	.005	7
59	MP GAMMA4	Y	.011	7
60	MP GAMMA4	X	.006	7
61	MP ALPHA5	Y	.011	5
62	MP ALPHA5	X	.006	5
63	MP BETA5	Y	.008	5
64	MP BETA5	X	.005	5
65	MP GAMMA5	Y	.011	5
66	MP GAMMA5	X	.006	5
67	MP ALPHA2	Y	.011	7
68	MP ALPHA2	X	.006	7
69	MP BETA2	Y	.01	7
70	MP BETA2	X	.006	7
71	MP GAMMA2	Y	.011	7
72	MP GAMMA2	X	.006	7
73	MP ALPHA4	Y	.012	7
74	MP ALPHA4	X	.007	7
75	MP BETA4	Y	.012	7
76	MP BETA4	X	.007	7
77	MP GAMMA4	Y	.015	7
78	MP GAMMA4	X	.009	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.022	10
2	MP ALPHA4	Y	.022	4
3	MP ALPHA4	X	.038	10
4	MP ALPHA4	X	.038	4
5	MP BETA4	Y	.028	10
6	MP BETA4	Y	.028	4
7	MP BETA4	X	.048	10
8	MP BETA4	X	.048	4
9	MP GAMMA4	Y	.035	10
10	MP GAMMA4	Y	.035	4



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
11	MP GAMMA4	X	.061	10
12	MP GAMMA4	X	.061	4
13	MP ALPHA3	Y	.004	8
14	MP ALPHA3	Y	.004	6
15	MP ALPHA3	X	.007	8
16	MP ALPHA3	X	.007	6
17	MP BETA3	Y	.005	8
18	MP BETA3	Y	.005	6
19	MP BETA3	X	.009	8
20	MP BETA3	X	.009	6
21	MP GAMMA3	Y	.006	8
22	MP GAMMA3	Y	.006	6
23	MP GAMMA3	X	.01	8
24	MP GAMMA3	X	.01	6
25	MP ALPHA3	Y	.006	4
26	MP ALPHA3	Y	.006	2
27	MP ALPHA3	X	.011	4
28	MP ALPHA3	X	.011	2
29	MP BETA3	Y	.008	4
30	MP BETA3	Y	.008	2
31	MP BETA3	X	.014	4
32	MP BETA3	X	.014	2
33	MP GAMMA3	Y	.009	4
34	MP GAMMA3	Y	.009	2
35	MP GAMMA3	X	.016	4
36	MP GAMMA3	X	.016	2
37	MP ALPHA2	Y	.026	10
38	MP ALPHA2	Y	.026	4
39	MP ALPHA2	X	.046	10
40	MP ALPHA2	X	.046	4
41	MP BETA2	Y	.033	10
42	MP BETA2	Y	.033	4
43	MP BETA2	X	.058	10
44	MP BETA2	X	.058	4
45	MP GAMMA2	Y	.04	10
46	MP GAMMA2	Y	.04	4
47	MP GAMMA2	X	.07	10
48	MP GAMMA2	X	.07	4
49	MP ALPHA5	Y	.004	5
50	MP ALPHA5	X	.007	5
51	MP BETA5	Y	.004	5
52	MP BETA5	X	.007	5
53	MP GAMMA5	Y	.006	5
54	MP GAMMA5	X	.011	5
55	MP ALPHA4	Y	.005	7
56	MP ALPHA4	X	.009	7
57	MP BETA4	Y	.005	7
58	MP BETA4	X	.009	7
59	MP GAMMA4	Y	.007	7
60	MP GAMMA4	X	.011	7
61	MP ALPHA5	Y	.005	5
62	MP ALPHA5	X	.009	5
63	MP BETA5	Y	.005	5
64	MP BETA5	X	.009	5
65	MP GAMMA5	Y	.007	5
66	MP GAMMA5	X	.012	5
67	MP ALPHA2	Y	.006	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
68	MP ALPHA2	X	.01	7
69	MP BETA2	Y	.006	7
70	MP BETA2	X	.01	7
71	MP GAMMA2	Y	.007	7
72	MP GAMMA2	X	.011	7
73	MP ALPHA4	Y	.007	7
74	MP ALPHA4	X	.012	7
75	MP BETA4	Y	.007	7
76	MP BETA4	X	.012	7
77	MP GAMMA4	Y	.009	7
78	MP GAMMA4	X	.015	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	X	.034	10
2	MP ALPHA4	X	.034	4
3	MP BETA4	X	.073	10
4	MP BETA4	X	.073	4
5	MP GAMMA4	X	.051	10
6	MP GAMMA4	X	.051	4
7	MP ALPHA3	X	.007	8
8	MP ALPHA3	X	.007	6
9	MP BETA3	X	.013	8
10	MP BETA3	X	.013	6
11	MP GAMMA3	X	.009	8
12	MP GAMMA3	X	.009	6
13	MP ALPHA3	X	.011	4
14	MP ALPHA3	X	.011	2
15	MP BETA3	X	.019	4
16	MP BETA3	X	.019	2
17	MP GAMMA3	X	.014	4
18	MP GAMMA3	X	.014	2
19	MP ALPHA2	X	.043	10
20	MP ALPHA2	X	.043	4
21	MP BETA2	X	.084	10
22	MP BETA2	X	.084	4
23	MP GAMMA2	X	.06	10
24	MP GAMMA2	X	.06	4
25	MP ALPHA5	X	.007	5
26	MP BETA5	X	.011	5
27	MP GAMMA5	X	.011	5
28	MP ALPHA4	X	.01	7
29	MP BETA4	X	.012	7
30	MP GAMMA4	X	.012	7
31	MP ALPHA5	X	.009	5
32	MP BETA5	X	.012	5
33	MP GAMMA5	X	.012	5
34	MP ALPHA2	X	.012	7
35	MP BETA2	X	.013	7
36	MP GAMMA2	X	.013	7
37	MP ALPHA4	X	.014	7
38	MP BETA4	X	.014	7
39	MP GAMMA4	X	.018	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
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Member Point Loads (BLC 38 : Ice Wind Load (300)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.022	10
2	MP ALPHA4	Y	-.022	4
3	MP ALPHA4	X	.038	10
4	MP ALPHA4	X	.038	4
5	MP BETA4	Y	-.035	10
6	MP BETA4	Y	-.035	4
7	MP BETA4	X	.061	10
8	MP BETA4	X	.061	4
9	MP GAMMA4	Y	-.017	10
10	MP GAMMA4	Y	-.017	4
11	MP GAMMA4	X	.029	10
12	MP GAMMA4	X	.029	4
13	MP ALPHA3	Y	-.004	8
14	MP ALPHA3	Y	-.004	6
15	MP ALPHA3	X	.007	8
16	MP ALPHA3	X	.007	6
17	MP BETA3	Y	-.006	8
18	MP BETA3	Y	-.006	6
19	MP BETA3	X	.01	8
20	MP BETA3	X	.01	6
21	MP GAMMA3	Y	-.003	8
22	MP GAMMA3	Y	-.003	6
23	MP GAMMA3	X	.006	8
24	MP GAMMA3	X	.006	6
25	MP ALPHA3	Y	-.006	4
26	MP ALPHA3	Y	-.006	2
27	MP ALPHA3	X	.011	4
28	MP ALPHA3	X	.011	2
29	MP BETA3	Y	-.009	4
30	MP BETA3	Y	-.009	2
31	MP BETA3	X	.016	4
32	MP BETA3	X	.016	2
33	MP GAMMA3	Y	-.005	4
34	MP GAMMA3	Y	-.005	2
35	MP GAMMA3	X	.009	4
36	MP GAMMA3	X	.009	2
37	MP ALPHA2	Y	-.026	10
38	MP ALPHA2	Y	-.026	4
39	MP ALPHA2	X	.046	10
40	MP ALPHA2	X	.046	4
41	MP BETA2	Y	-.04	10
42	MP BETA2	Y	-.04	4
43	MP BETA2	X	.07	10
44	MP BETA2	X	.07	4
45	MP GAMMA2	Y	-.021	10
46	MP GAMMA2	Y	-.021	4
47	MP GAMMA2	X	.036	10
48	MP GAMMA2	X	.036	4
49	MP ALPHA5	Y	-.004	5
50	MP ALPHA5	X	.007	5
51	MP BETA5	Y	-.006	5
52	MP BETA5	X	.011	5
53	MP GAMMA5	Y	-.004	5
54	MP GAMMA5	X	.007	5
55	MP ALPHA4	Y	-.005	7
56	MP ALPHA4	X	.009	7
57	MP BETA4	Y	-.007	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
58	MP BETA4	X	.011	7
59	MP GAMMA4	Y	-.005	7
60	MP GAMMA4	X	.009	7
61	MP ALPHA5	Y	-.005	5
62	MP ALPHA5	X	.009	5
63	MP BETA5	Y	-.007	5
64	MP BETA5	X	.012	5
65	MP GAMMA5	Y	-.005	5
66	MP GAMMA5	X	.009	5
67	MP ALPHA2	Y	-.006	7
68	MP ALPHA2	X	.01	7
69	MP BETA2	Y	-.007	7
70	MP BETA2	X	.011	7
71	MP GAMMA2	Y	-.006	7
72	MP GAMMA2	X	.01	7
73	MP ALPHA4	Y	-.007	7
74	MP ALPHA4	X	.012	7
75	MP BETA4	Y	-.007	7
76	MP BETA4	X	.012	7
77	MP GAMMA4	Y	-.009	7
78	MP GAMMA4	X	.015	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.055	10
2	MP ALPHA4	Y	-.055	4
3	MP ALPHA4	X	.031	10
4	MP ALPHA4	X	.031	4
5	MP BETA4	Y	-.044	10
6	MP BETA4	Y	-.044	4
7	MP BETA4	X	.026	10
8	MP BETA4	X	.026	4
9	MP GAMMA4	Y	-.031	10
10	MP GAMMA4	Y	-.031	4
11	MP GAMMA4	X	.018	10
12	MP GAMMA4	X	.018	4
13	MP ALPHA3	Y	-.01	8
14	MP ALPHA3	Y	-.01	6
15	MP ALPHA3	X	.006	8
16	MP ALPHA3	X	.006	6
17	MP BETA3	Y	-.008	8
18	MP BETA3	Y	-.008	6
19	MP BETA3	X	.005	8
20	MP BETA3	X	.005	6
21	MP GAMMA3	Y	-.006	8
22	MP GAMMA3	Y	-.006	6
23	MP GAMMA3	X	.004	8
24	MP GAMMA3	X	.004	6
25	MP ALPHA3	Y	-.014	4
26	MP ALPHA3	Y	-.014	2
27	MP ALPHA3	X	.008	4
28	MP ALPHA3	X	.008	2
29	MP BETA3	Y	-.012	4
30	MP BETA3	Y	-.012	2
31	MP BETA3	X	.007	4
32	MP BETA3	X	.007	2



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
33	MP GAMMA3	Y	-.01	4
34	MP GAMMA3	Y	-.01	2
35	MP GAMMA3	X	.006	4
36	MP GAMMA3	X	.006	2
37	MP ALPHA2	Y	-.063	10
38	MP ALPHA2	Y	-.063	4
39	MP ALPHA2	X	.037	10
40	MP ALPHA2	X	.037	4
41	MP BETA2	Y	-.052	10
42	MP BETA2	Y	-.052	4
43	MP BETA2	X	.03	10
44	MP BETA2	X	.03	4
45	MP GAMMA2	Y	-.039	10
46	MP GAMMA2	Y	-.039	4
47	MP GAMMA2	X	.023	10
48	MP GAMMA2	X	.023	4
49	MP ALPHA5	Y	-.01	5
50	MP ALPHA5	X	.006	5
51	MP BETA5	Y	-.01	5
52	MP BETA5	X	.006	5
53	MP GAMMA5	Y	-.006	5
54	MP GAMMA5	X	.004	5
55	MP ALPHA4	Y	-.011	7
56	MP ALPHA4	X	.006	7
57	MP BETA4	Y	-.011	7
58	MP BETA4	X	.006	7
59	MP GAMMA4	Y	-.009	7
60	MP GAMMA4	X	.005	7
61	MP ALPHA5	Y	-.011	5
62	MP ALPHA5	X	.006	5
63	MP BETA5	Y	-.011	5
64	MP BETA5	X	.006	5
65	MP GAMMA5	Y	-.008	5
66	MP GAMMA5	X	.005	5
67	MP ALPHA2	Y	-.011	7
68	MP ALPHA2	X	.006	7
69	MP BETA2	Y	-.011	7
70	MP BETA2	X	.006	7
71	MP GAMMA2	Y	-.01	7
72	MP GAMMA2	X	.006	7
73	MP ALPHA4	Y	-.012	7
74	MP ALPHA4	X	.007	7
75	MP BETA4	Y	-.012	7
76	MP BETA4	X	.007	7
77	MP GAMMA4	Y	-.015	7
78	MP GAMMA4	X	.009	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	X	-.005	10
2	MP ALPHA4	X	-.005	4
3	MP BETA4	X	-.005	10
4	MP BETA4	X	-.005	4
5	MP GAMMA4	X	-.005	10
6	MP GAMMA4	X	-.005	4
7	MP ALPHA3	X	-.002	8



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
8	MP ALPHA3	X	-.002	6
9	MP BETA3	X	-.002	8
10	MP BETA3	X	-.002	6
11	MP GAMMA3	X	-.002	8
12	MP GAMMA3	X	-.002	6
13	MP ALPHA3	X	-.004	4
14	MP ALPHA3	X	-.004	2
15	MP BETA3	X	-.004	4
16	MP BETA3	X	-.004	2
17	MP GAMMA3	X	-.004	4
18	MP GAMMA3	X	-.004	2
19	MP ALPHA2	X	-.007	10
20	MP ALPHA2	X	-.007	4
21	MP BETA2	X	-.007	10
22	MP BETA2	X	-.007	4
23	MP GAMMA2	X	-.007	10
24	MP GAMMA2	X	-.007	4
25	MP ALPHA5	X	-.004	5
26	MP BETA5	X	-.004	5
27	MP GAMMA5	X	-.004	5
28	MP ALPHA4	X	-.007	7
29	MP BETA4	X	-.007	7
30	MP GAMMA4	X	-.007	7
31	MP ALPHA5	X	-.006	5
32	MP BETA5	X	-.006	5
33	MP GAMMA5	X	-.006	5
34	MP ALPHA2	X	-.007	7
35	MP BETA2	X	-.007	7
36	MP GAMMA2	X	-.007	7
37	MP ALPHA4	X	-.002	7
38	MP BETA4	X	-.002	7
39	MP GAMMA4	X	-.002	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.005	10
2	MP ALPHA4	Y	-.005	4
3	MP BETA4	Y	-.005	10
4	MP BETA4	Y	-.005	4
5	MP GAMMA4	Y	-.005	10
6	MP GAMMA4	Y	-.005	4
7	MP ALPHA3	Y	-.002	8
8	MP ALPHA3	Y	-.002	6
9	MP BETA3	Y	-.002	8
10	MP BETA3	Y	-.002	6
11	MP GAMMA3	Y	-.002	8
12	MP GAMMA3	Y	-.002	6
13	MP ALPHA3	Y	-.004	4
14	MP ALPHA3	Y	-.004	2
15	MP BETA3	Y	-.004	4
16	MP BETA3	Y	-.004	2
17	MP GAMMA3	Y	-.004	4
18	MP GAMMA3	Y	-.004	2
19	MP ALPHA2	Y	-.007	10
20	MP ALPHA2	Y	-.007	4
21	MP BETA2	Y	-.007	10



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
22	MP BETA2	Y	-.007	4
23	MP GAMMA2	Y	-.007	10
24	MP GAMMA2	Y	-.007	4
25	MP ALPHA5	Y	-.004	5
26	MP BETA5	Y	-.004	5
27	MP GAMMA5	Y	-.004	5
28	MP ALPHA4	Y	-.007	7
29	MP BETA4	Y	-.007	7
30	MP GAMMA4	Y	-.007	7
31	MP ALPHA5	Y	-.006	5
32	MP BETA5	Y	-.006	5
33	MP GAMMA5	Y	-.006	5
34	MP ALPHA2	Y	-.007	7
35	MP BETA2	Y	-.007	7
36	MP GAMMA2	Y	-.007	7
37	MP ALPHA4	Y	-.002	7
38	MP BETA4	Y	-.002	7
39	MP GAMMA4	Y	-.002	7

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Z	-.002	10
2	MP ALPHA4	Z	-.002	4
3	MP BETA4	Z	-.002	10
4	MP BETA4	Z	-.002	4
5	MP GAMMA4	Z	-.002	10
6	MP GAMMA4	Z	-.002	4
7	MP ALPHA3	Z	-.000817	8
8	MP ALPHA3	Z	-.000817	6
9	MP BETA3	Z	-.000817	8
10	MP BETA3	Z	-.000817	6
11	MP GAMMA3	Z	-.000817	8
12	MP GAMMA3	Z	-.000817	6
13	MP ALPHA3	Z	-.002	4
14	MP ALPHA3	Z	-.002	2
15	MP BETA3	Z	-.002	4
16	MP BETA3	Z	-.002	2
17	MP GAMMA3	Z	-.002	4
18	MP GAMMA3	Z	-.002	2
19	MP ALPHA2	Z	-.003	10
20	MP ALPHA2	Z	-.003	4
21	MP BETA2	Z	-.003	10
22	MP BETA2	Z	-.003	4
23	MP GAMMA2	Z	-.003	10
24	MP GAMMA2	Z	-.003	4
25	MP ALPHA5	Z	-.002	5
26	MP BETA5	Z	-.002	5
27	MP GAMMA5	Z	-.002	5
28	MP ALPHA4	Z	-.003	7
29	MP BETA4	Z	-.003	7
30	MP GAMMA4	Z	-.003	7
31	MP ALPHA5	Z	-.002	5
32	MP BETA5	Z	-.002	5
33	MP GAMMA5	Z	-.002	5
34	MP ALPHA2	Z	-.003	7
35	MP BETA2	Z	-.003	7



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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
36	MP GAMMA2	Z	-.003	7
37	MP ALPHA4	Z	-.000702	7
38	MP BETA4	Z	-.000702	7
39	MP GAMMA4	Z	-.000973	7

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

	Member Label	Direction	Start Magnitude[k/f...]	End Magnitude[k/f...]	Start Location[ft,%]	End Location[ft,%]
1	VERT4	PY	-.002	-.002	0	0
2	VERT3	PY	-.002	-.002	0	0
3	VERT2	PY	-.002	-.002	0	0
4	VERT1	PY	-.002	-.002	0	0
5	TIEBACK2	PY	-.003	-.003	0	0
6	TIEBACK1	PY	-.003	-.003	0	0
7	PLATE12	PY	-.002	-.002	0	0
8	PLATE 11	PY	-.002	-.002	0	0
9	PLATE 10	PY	-.002	-.002	0	0
10	PLATE 9	PY	-.002	-.002	0	0
11	PLATE 8	PY	-.002	-.002	0	0
12	PLATE 7	PY	-.002	-.002	0	0
13	PLATE 6	PY	-.002	-.002	0	0
14	PLATE 5	PY	-.002	-.002	0	0
15	PLATE 4	PY	-.002	-.002	0	0
16	PLATE 3	PY	-.002	-.002	0	0
17	PLATE 2	PY	-.002	-.002	0	0
18	PLATE 1	PY	-.002	-.002	0	0
19	MP ALPHA4	PY	-.01	-.01	0	0
20	MP ALPHA3	PY	-.01	-.01	0	0
21	MP ALPHA2	PY	-.01	-.01	0	0
22	MP ALPHA5	PY	-.01	-.01	0	0
23	KICKER4	PY	-.003	-.003	0	0
24	KICKER3	PY	-.003	-.003	0	0
25	KICKER2	PY	-.003	-.003	0	0
26	KICKER1	PY	-.003	-.003	0	0
27	FACE2	PY	-.006	-.006	0	0
28	FACE1	PY	-.006	-.006	0	0
29	FACE PL4	PY	-.001	-.001	0	0
30	FACE PL3	PY	-.001	-.001	0	0
31	FACE PL2	PY	-.001	-.001	0	0
32	FACE PL1	PY	-.001	-.001	0	0
33	DIAG2	PY	-.000966	-.000966	0	0
34	DIAG1	PY	-.000966	-.000966	0	0
35	BACK2	PY	-.002	-.002	0	0
36	BACK1	PY	-.002	-.002	0	0
37	BACK PIPE1	PY	-.006	-.006	0	0
38	MAFACE	PY	-.009	-.009	0	0
39	MASTAB1	PY	-.009	-.009	0	0
40	MASTAB2	PY	-.009	-.009	0	0
41	MASTAB3	PY	-.009	-.009	0	0
42	MASTAB4	PY	-.009	-.009	0	0
43	MATIEBACK	PY	-.003	-.003	0	0
44	VERT4 B	PY	-.000966	-.000966	0	0
45	VERT3 B	PY	-.000966	-.000966	0	0
46	VERT2 B	PY	-.000966	-.000966	0	0
47	VERT1 B	PY	-.000966	-.000966	0	0
48	TIEBACK2 B	PY	-.002	-.002	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
49	TIEBACK1 B	PY	-0.002	-0.002	0	0
50	PLATE12 B	PY	-0.000859	-0.000859	0	0
51	PLATE 11 B	PY	-0.000859	-0.000859	0	0
52	PLATE 10 B	PY	-0.000859	-0.000859	0	0
53	PLATE 9 B	PY	-0.000859	-0.000859	0	0
54	PLATE 8 B	PY	-0.000859	-0.000859	0	0
55	PLATE 7 B	PY	-0.000859	-0.000859	0	0
56	PLATE 6 B	PY	-0.000859	-0.000859	0	0
57	PLATE 5 B	PY	-0.000859	-0.000859	0	0
58	PLATE 4 B	PY	-0.000859	-0.000859	0	0
59	PLATE 3 B	PY	-0.000859	-0.000859	0	0
60	PLATE 2 B	PY	-0.000859	-0.000859	0	0
61	PLATE 1 B	PY	-0.000859	-0.000859	0	0
62	MP BETA4	PY	-0.005	-0.005	0	0
63	MP BETA3	PY	-0.005	-0.005	0	0
64	MP BETA2	PY	-0.005	-0.005	0	0
65	MP BETA5	PY	-0.005	-0.005	0	0
66	KICKER4 B	PY	-0.001	-0.001	0	0
67	KICKER3 B	PY	-0.001	-0.001	0	0
68	KICKER2 B	PY	-0.001	-0.001	0	0
69	KICKER1 B	PY	-0.001	-0.001	0	0
70	FACE2 B	PY	-0.003	-0.003	0	0
71	FACE1 B	PY	-0.003	-0.003	0	0
72	FACE PL4 B	PY	-0.000644	-0.000644	0	0
73	FACE PL3 B	PY	-0.000644	-0.000644	0	0
74	FACE PL2 B	PY	-0.000644	-0.000644	0	0
75	FACE PL1 B	PY	-0.000644	-0.000644	0	0
76	DIAG2 B	PY	-0.000483	-0.000483	0	0
77	DIAG1 B	PY	-0.000483	-0.000483	0	0
78	BACK2 B	PY	-0.000859	-0.000859	0	0
79	BACK1 B	PY	-0.000859	-0.000859	0	0
80	BACK PIPE1 B	PY	-0.003	-0.003	0	0
81	MBFACE	PY	-0.005	-0.005	0	0
82	MBSTAB1	PY	-0.004	-0.004	0	0
83	MBSTAB2	PY	-0.004	-0.004	0	0
84	MBSTAB3	PY	-0.004	-0.004	0	0
85	MBSTAB4	PY	-0.004	-0.004	0	0
86	MBTIEBACK	PY	-0.002	-0.002	0	0
87	VERT4 C	PY	-0.000966	-0.000966	0	0
88	VERT3 C	PY	-0.000966	-0.000966	0	0
89	VERT2 C	PY	-0.000966	-0.000966	0	0
90	VERT1 C	PY	-0.000966	-0.000966	0	0
91	TIEBACK2 C	PY	-0.002	-0.002	0	0
92	TIEBACK1 C	PY	-0.002	-0.002	0	0
93	PLATE12 C	PY	-0.000859	-0.000859	0	0
94	PLATE 11 C	PY	-0.000859	-0.000859	0	0
95	PLATE 10 C	PY	-0.000859	-0.000859	0	0
96	PLATE 9 C	PY	-0.000859	-0.000859	0	0
97	PLATE 8 C	PY	-0.000859	-0.000859	0	0
98	PLATE 7 C	PY	-0.000859	-0.000859	0	0
99	PLATE 6 C	PY	-0.000859	-0.000859	0	0
100	PLATE 5 C	PY	-0.000859	-0.000859	0	0
101	PLATE 4 C	PY	-0.000859	-0.000859	0	0
102	PLATE 3 C	PY	-0.000859	-0.000859	0	0
103	PLATE 2 C	PY	-0.000859	-0.000859	0	0
104	PLATE 1 C	PY	-0.000859	-0.000859	0	0
105	MP GAMMA4	PY	-0.005	-0.005	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
106	MP GAMMA3	PY	-0.005	-0.005	0	0
107	MP GAMMA2	PY	-0.005	-0.005	0	0
108	MP GAMMA5	PY	-0.005	-0.005	0	0
109	KICKER4 C	PY	-0.001	-0.001	0	0
110	KICKER3 C	PY	-0.001	-0.001	0	0
111	KICKER2 C	PY	-0.001	-0.001	0	0
112	KICKER1 C	PY	-0.001	-0.001	0	0
113	FACE2 C	PY	-0.003	-0.003	0	0
114	FACE1 C	PY	-0.003	-0.003	0	0
115	FACE PL4 C	PY	-0.00644	-0.00644	0	0
116	FACE PL3 C	PY	-0.00644	-0.00644	0	0
117	FACE PL2 C	PY	-0.00644	-0.00644	0	0
118	FACE PL1 C	PY	-0.00644	-0.00644	0	0
119	DIAG2 C	PY	-0.00483	-0.00483	0	0
120	DIAG1 C	PY	-0.00483	-0.00483	0	0
121	BACK2 C	PY	-0.00859	-0.00859	0	0
122	BACK1 C	PY	-0.00859	-0.00859	0	0
123	BACK PIPE1 C	PY	-0.003	-0.003	0	0
124	MCFACE	PY	-0.005	-0.005	0	0
125	MCSTAB1	PY	-0.004	-0.004	0	0
126	MCSTAB2	PY	-0.004	-0.004	0	0
127	MCSTAB3	PY	-0.004	-0.004	0	0
128	MCSTAB4	PY	-0.004	-0.004	0	0
129	MCTIEBACK	PY	-0.002	-0.002	0	0
130	VERT4 B	PX	.002	.002	0	0
131	VERT3 B	PX	.002	.002	0	0
132	VERT2 B	PX	.002	.002	0	0
133	VERT1 B	PX	.002	.002	0	0
134	TIEBACK2 B	PX	.003	.003	0	0
135	TIEBACK1 B	PX	.003	.003	0	0
136	PLATE12 B	PX	.001	.001	0	0
137	PLATE 11 B	PX	.001	.001	0	0
138	PLATE 10 B	PX	.001	.001	0	0
139	PLATE 9 B	PX	.001	.001	0	0
140	PLATE 8 B	PX	.001	.001	0	0
141	PLATE 7 B	PX	.001	.001	0	0
142	PLATE 6 B	PX	.001	.001	0	0
143	PLATE 5 B	PX	.001	.001	0	0
144	PLATE 4 B	PX	.001	.001	0	0
145	PLATE 3 B	PX	.001	.001	0	0
146	PLATE 2 B	PX	.001	.001	0	0
147	PLATE 1 B	PX	.001	.001	0	0
148	MP BETA4	PX	.008	.008	0	0
149	MP BETA3	PX	.008	.008	0	0
150	MP BETA2	PX	.008	.008	0	0
151	MP BETA5	PX	.008	.008	0	0
152	KICKER4 B	PX	.003	.003	0	0
153	KICKER3 B	PX	.003	.003	0	0
154	KICKER2 B	PX	.003	.003	0	0
155	KICKER1 B	PX	.003	.003	0	0
156	FACE2 B	PX	.005	.005	0	0
157	FACE1 B	PX	.005	.005	0	0
158	FACE PL4 B	PX	.001	.001	0	0
159	FACE PL3 B	PX	.001	.001	0	0
160	FACE PL2 B	PX	.001	.001	0	0
161	FACE PL1 B	PX	.001	.001	0	0
162	DIAG2 B	PX	.000837	.000837	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
163	DIAG1 B	PX	.000837	.000837	0	0
164	BACK2 B	PX	.001	.001	0	0
165	BACK1 B	PX	.001	.001	0	0
166	BACK PIPE1 B	PX	.005	.005	0	0
167	MBFACE	PX	.008	.008	0	0
168	MBSTAB1	PX	.007	.007	0	0
169	MBSTAB2	PX	.007	.007	0	0
170	MBSTAB3	PX	.007	.007	0	0
171	MBSTAB4	PX	.007	.007	0	0
172	MBTIEBACK	PX	.003	.003	0	0
173	VERT4 C	PX	-.002	-.002	0	0
174	VERT3 C	PX	-.002	-.002	0	0
175	VERT2 C	PX	-.002	-.002	0	0
176	VERT1 C	PX	-.002	-.002	0	0
177	TIEBACK2 C	PX	-.003	-.003	0	0
178	TIEBACK1 C	PX	-.003	-.003	0	0
179	PLATE12 C	PX	-.001	-.001	0	0
180	PLATE 11 C	PX	-.001	-.001	0	0
181	PLATE 10 C	PX	-.001	-.001	0	0
182	PLATE 9 C	PX	-.001	-.001	0	0
183	PLATE 8 C	PX	-.001	-.001	0	0
184	PLATE 7 C	PX	-.001	-.001	0	0
185	PLATE 6 C	PX	-.001	-.001	0	0
186	PLATE 5 C	PX	-.001	-.001	0	0
187	PLATE 4 C	PX	-.001	-.001	0	0
188	PLATE 3 C	PX	-.001	-.001	0	0
189	PLATE 2 C	PX	-.001	-.001	0	0
190	PLATE 1 C	PX	-.001	-.001	0	0
191	MP GAMMA4	PX	-.008	-.008	0	0
192	MP GAMMA3	PX	-.008	-.008	0	0
193	MP GAMMA2	PX	-.008	-.008	0	0
194	MP GAMMA5	PX	-.008	-.008	0	0
195	KICKER4 C	PX	-.003	-.003	0	0
196	KICKER3 C	PX	-.003	-.003	0	0
197	KICKER2 C	PX	-.003	-.003	0	0
198	KICKER1 C	PX	-.003	-.003	0	0
199	FACE2 C	PX	-.005	-.005	0	0
200	FACE1 C	PX	-.005	-.005	0	0
201	FACE PL4 C	PX	-.001	-.001	0	0
202	FACE PL3 C	PX	-.001	-.001	0	0
203	FACE PL2 C	PX	-.001	-.001	0	0
204	FACE PL1 C	PX	-.001	-.001	0	0
205	DIAG2 C	PX	-.000837	-.000837	0	0
206	DIAG1 C	PX	-.000837	-.000837	0	0
207	BACK2 C	PX	-.001	-.001	0	0
208	BACK1 C	PX	-.001	-.001	0	0
209	BACK PIPE1 C	PX	-.005	-.005	0	0
210	MCFACE	PX	-.008	-.008	0	0
211	MCSTAB1	PX	-.007	-.007	0	0
212	MCSTAB2	PX	-.007	-.007	0	0
213	MCSTAB3	PX	-.007	-.007	0	0
214	MCSTAB4	PX	-.007	-.007	0	0
215	MCTIEBACK	PX	-.003	-.003	0	0

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

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



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	-0.02	-0.02	0	0
2	VERT3	PY	-0.02	-0.02	0	0
3	VERT2	PY	-0.02	-0.02	0	0
4	VERT1	PY	-0.02	-0.02	0	0
5	TIEBACK2	PY	-0.03	-0.03	0	0
6	TIEBACK1	PY	-0.03	-0.03	0	0
7	PLATE12	PY	-0.01	-0.01	0	0
8	PLATE 11	PY	-0.01	-0.01	0	0
9	PLATE 10	PY	-0.01	-0.01	0	0
10	PLATE 9	PY	-0.01	-0.01	0	0
11	PLATE 8	PY	-0.01	-0.01	0	0
12	PLATE 7	PY	-0.01	-0.01	0	0
13	PLATE 6	PY	-0.01	-0.01	0	0
14	PLATE 5	PY	-0.01	-0.01	0	0
15	PLATE 4	PY	-0.01	-0.01	0	0
16	PLATE 3	PY	-0.01	-0.01	0	0
17	PLATE 2	PY	-0.01	-0.01	0	0
18	PLATE 1	PY	-0.01	-0.01	0	0
19	MP ALPHA4	PY	-0.08	-0.08	0	0
20	MP ALPHA3	PY	-0.08	-0.08	0	0
21	MP ALPHA2	PY	-0.08	-0.08	0	0
22	MP ALPHA5	PY	-0.08	-0.08	0	0
23	KICKER4	PY	-0.03	-0.03	0	0
24	KICKER3	PY	-0.03	-0.03	0	0
25	KICKER2	PY	-0.03	-0.03	0	0
26	KICKER1	PY	-0.03	-0.03	0	0
27	FACE2	PY	-0.05	-0.05	0	0
28	FACE1	PY	-0.05	-0.05	0	0
29	FACE PL4	PY	-0.01	-0.01	0	0
30	FACE PL3	PY	-0.01	-0.01	0	0
31	FACE PL2	PY	-0.01	-0.01	0	0
32	FACE PL1	PY	-0.01	-0.01	0	0
33	DIAG2	PY	-0.000837	-0.000837	0	0
34	DIAG1	PY	-0.000837	-0.000837	0	0
35	BACK2	PY	-0.01	-0.01	0	0
36	BACK1	PY	-0.01	-0.01	0	0
37	BACK PIPE1	PY	-0.05	-0.05	0	0
38	MAFACE	PY	-0.08	-0.08	0	0
39	MASTAB1	PY	-0.07	-0.07	0	0
40	MASTAB2	PY	-0.07	-0.07	0	0
41	MASTAB3	PY	-0.07	-0.07	0	0
42	MASTAB4	PY	-0.07	-0.07	0	0
43	MATIEBACK	PY	-0.03	-0.03	0	0
44	VERT4 B	PX	-0.01	-0.01	0	0
45	VERT3 B	PX	-0.01	-0.01	0	0
46	VERT2 B	PX	-0.01	-0.01	0	0
47	VERT1 B	PX	-0.01	-0.01	0	0
48	TIEBACK2 B	PX	-0.07	-0.07	0	0
49	TIEBACK1 B	PX	-0.07	-0.07	0	0
50	PLATE12 B	PX	-0.02	-0.02	0	0
51	PLATE 11 B	PX	-0.02	-0.02	0	0
52	PLATE 10 B	PX	-0.02	-0.02	0	0
53	PLATE 9 B	PX	-0.02	-0.02	0	0
54	PLATE 8 B	PX	-0.02	-0.02	0	0
55	PLATE 7 B	PX	-0.02	-0.02	0	0
56	PLATE 6 B	PX	-0.02	-0.02	0	0
57	PLATE 5 B	PX	-0.02	-0.02	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
58	PLATE 4 B	PX	-0.02	-0.02	0	0
59	PLATE 3 B	PX	-0.02	-0.02	0	0
60	PLATE 2 B	PX	-0.02	-0.02	0	0
61	PLATE 1 B	PX	-0.02	-0.02	0	0
62	MP BETA4	PX	-0.01	-0.01	0	0
63	MP BETA3	PX	-0.01	-0.01	0	0
64	MP BETA2	PX	-0.01	-0.01	0	0
65	MP BETA5	PX	-0.01	-0.01	0	0
66	KICKER4 B	PX	-0.007	-0.007	0	0
67	KICKER3 B	PX	-0.007	-0.007	0	0
68	KICKER2 B	PX	-0.007	-0.007	0	0
69	KICKER1 B	PX	-0.007	-0.007	0	0
70	FACE2 B	PX	-0.004	-0.004	0	0
71	FACE1 B	PX	-0.004	-0.004	0	0
72	FACE PL4 B	PX	-0.001	-0.001	0	0
73	FACE PL3 B	PX	-0.001	-0.001	0	0
74	FACE PL2 B	PX	-0.001	-0.001	0	0
75	FACE PL1 B	PX	-0.001	-0.001	0	0
76	DIAG2 B	PX	-0.002	-0.002	0	0
77	DIAG1 B	PX	-0.002	-0.002	0	0
78	BACK2 B	PX	-0.002	-0.002	0	0
79	BACK1 B	PX	-0.002	-0.002	0	0
80	BACK PIPE1 B	PX	-0.007	-0.007	0	0
81	MBFACE	PX	-0.005	-0.005	0	0
82	MBSTAB1	PX	-0.009	-0.009	0	0
83	MBSTAB2	PX	-0.009	-0.009	0	0
84	MBSTAB3	PX	-0.009	-0.009	0	0
85	MBSTAB4	PX	-0.009	-0.009	0	0
86	MBTIEBACK	PX	-0.007	-0.007	0	0
87	VERT4 C	PY	-0.002	-0.002	0	0
88	VERT3 C	PY	-0.002	-0.002	0	0
89	VERT2 C	PY	-0.002	-0.002	0	0
90	VERT1 C	PY	-0.002	-0.002	0	0
91	TIEBACK2 C	PY	-0.003	-0.003	0	0
92	TIEBACK1 C	PY	-0.003	-0.003	0	0
93	PLATE12 C	PY	-0.001	-0.001	0	0
94	PLATE 11 C	PY	-0.001	-0.001	0	0
95	PLATE 10 C	PY	-0.001	-0.001	0	0
96	PLATE 9 C	PY	-0.001	-0.001	0	0
97	PLATE 8 C	PY	-0.001	-0.001	0	0
98	PLATE 7 C	PY	-0.001	-0.001	0	0
99	PLATE 6 C	PY	-0.001	-0.001	0	0
100	PLATE 5 C	PY	-0.001	-0.001	0	0
101	PLATE 4 C	PY	-0.001	-0.001	0	0
102	PLATE 3 C	PY	-0.001	-0.001	0	0
103	PLATE 2 C	PY	-0.001	-0.001	0	0
104	PLATE 1 C	PY	-0.001	-0.001	0	0
105	MP GAMMA4	PY	-0.008	-0.008	0	0
106	MP GAMMA3	PY	-0.008	-0.008	0	0
107	MP GAMMA2	PY	-0.008	-0.008	0	0
108	MP GAMMA5	PY	-0.008	-0.008	0	0
109	KICKER4 C	PY	-0.003	-0.003	0	0
110	KICKER3 C	PY	-0.003	-0.003	0	0
111	KICKER2 C	PY	-0.003	-0.003	0	0
112	KICKER1 C	PY	-0.003	-0.003	0	0
113	FACE2 C	PY	-0.005	-0.005	0	0
114	FACE1 C	PY	-0.005	-0.005	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
115	FACE PL4 C	PY	-0.001	-0.001	0	0
116	FACE PL3 C	PY	-0.001	-0.001	0	0
117	FACE PL2 C	PY	-0.001	-0.001	0	0
118	FACE PL1 C	PY	-0.001	-0.001	0	0
119	DIAG2 C	PY	-0.000837	-0.000837	0	0
120	DIAG1 C	PY	-0.000837	-0.000837	0	0
121	BACK2 C	PY	-0.001	-0.001	0	0
122	BACK1 C	PY	-0.001	-0.001	0	0
123	BACK PIPE1 C	PY	-0.005	-0.005	0	0
124	MCFACE	PY	-0.008	-0.008	0	0
125	MCSTAB1	PY	-0.007	-0.007	0	0
126	MCSTAB2	PY	-0.007	-0.007	0	0
127	MCSTAB3	PY	-0.007	-0.007	0	0
128	MCSTAB4	PY	-0.007	-0.007	0	0
129	MCTIEBACK	PY	-0.003	-0.003	0	0
130	VERT4	PX	-0.000966	-0.000966	0	0
131	VERT3	PX	-0.000966	-0.000966	0	0
132	VERT2	PX	-0.000966	-0.000966	0	0
133	VERT1	PX	-0.000966	-0.000966	0	0
134	TIEBACK2	PX	-0.002	-0.002	0	0
135	TIEBACK1	PX	-0.002	-0.002	0	0
136	PLATE12	PX	-0.000859	-0.000859	0	0
137	PLATE 11	PX	-0.000859	-0.000859	0	0
138	PLATE 10	PX	-0.000859	-0.000859	0	0
139	PLATE 9	PX	-0.000859	-0.000859	0	0
140	PLATE 8	PX	-0.000859	-0.000859	0	0
141	PLATE 7	PX	-0.000859	-0.000859	0	0
142	PLATE 6	PX	-0.000859	-0.000859	0	0
143	PLATE 5	PX	-0.000859	-0.000859	0	0
144	PLATE 4	PX	-0.000859	-0.000859	0	0
145	PLATE 3	PX	-0.000859	-0.000859	0	0
146	PLATE 2	PX	-0.000859	-0.000859	0	0
147	PLATE 1	PX	-0.000859	-0.000859	0	0
148	MP ALPHA4	PX	-0.005	-0.005	0	0
149	MP ALPHA3	PX	-0.005	-0.005	0	0
150	MP ALPHA2	PX	-0.005	-0.005	0	0
151	MP ALPHA5	PX	-0.005	-0.005	0	0
152	KICKER4	PX	-0.001	-0.001	0	0
153	KICKER3	PX	-0.001	-0.001	0	0
154	KICKER2	PX	-0.001	-0.001	0	0
155	KICKER1	PX	-0.001	-0.001	0	0
156	FACE2	PX	-0.003	-0.003	0	0
157	FACE1	PX	-0.003	-0.003	0	0
158	FACE PL4	PX	-0.000644	-0.000644	0	0
159	FACE PL3	PX	-0.000644	-0.000644	0	0
160	FACE PL2	PX	-0.000644	-0.000644	0	0
161	FACE PL1	PX	-0.000644	-0.000644	0	0
162	DIAG2	PX	-0.000483	-0.000483	0	0
163	DIAG1	PX	-0.000483	-0.000483	0	0
164	BACK2	PX	-0.000859	-0.000859	0	0
165	BACK1	PX	-0.000859	-0.000859	0	0
166	BACK PIPE1	PX	-0.003	-0.003	0	0
167	MAFACE	PX	-0.005	-0.005	0	0
168	MASTAB1	PX	-0.004	-0.004	0	0
169	MASTAB2	PX	-0.004	-0.004	0	0
170	MASTAB3	PX	-0.004	-0.004	0	0
171	MASTAB4	PX	-0.004	-0.004	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft.%]	End Location[ft.%]
172	MATIEBACK	PX	-0.002	-0.002	0	0
173	VERT4 C	PX	-0.000966	-0.000966	0	0
174	VERT3 C	PX	-0.000966	-0.000966	0	0
175	VERT2 C	PX	-0.000966	-0.000966	0	0
176	VERT1 C	PX	-0.000966	-0.000966	0	0
177	TIEBACK2 C	PX	-0.002	-0.002	0	0
178	TIEBACK1 C	PX	-0.002	-0.002	0	0
179	PLATE12 C	PX	-0.000859	-0.000859	0	0
180	PLATE 11 C	PX	-0.000859	-0.000859	0	0
181	PLATE 10 C	PX	-0.000859	-0.000859	0	0
182	PLATE 9 C	PX	-0.000859	-0.000859	0	0
183	PLATE 8 C	PX	-0.000859	-0.000859	0	0
184	PLATE 7 C	PX	-0.000859	-0.000859	0	0
185	PLATE 6 C	PX	-0.000859	-0.000859	0	0
186	PLATE 5 C	PX	-0.000859	-0.000859	0	0
187	PLATE 4 C	PX	-0.000859	-0.000859	0	0
188	PLATE 3 C	PX	-0.000859	-0.000859	0	0
189	PLATE 2 C	PX	-0.000859	-0.000859	0	0
190	PLATE 1 C	PX	-0.000859	-0.000859	0	0
191	MP GAMMA4	PX	-0.005	-0.005	0	0
192	MP GAMMA3	PX	-0.005	-0.005	0	0
193	MP GAMMA2	PX	-0.005	-0.005	0	0
194	MP GAMMA5	PX	-0.005	-0.005	0	0
195	KICKER4 C	PX	-0.001	-0.001	0	0
196	KICKER3 C	PX	-0.001	-0.001	0	0
197	KICKER2 C	PX	-0.001	-0.001	0	0
198	KICKER1 C	PX	-0.001	-0.001	0	0
199	FACE2 C	PX	-0.003	-0.003	0	0
200	FACE1 C	PX	-0.003	-0.003	0	0
201	FACE PL4 C	PX	-0.000644	-0.000644	0	0
202	FACE PL3 C	PX	-0.000644	-0.000644	0	0
203	FACE PL2 C	PX	-0.000644	-0.000644	0	0
204	FACE PL1 C	PX	-0.000644	-0.000644	0	0
205	DIAG2 C	PX	-0.000483	-0.000483	0	0
206	DIAG1 C	PX	-0.000483	-0.000483	0	0
207	BACK2 C	PX	-0.000859	-0.000859	0	0
208	BACK1 C	PX	-0.000859	-0.000859	0	0
209	BACK PIPE1 C	PX	-0.003	-0.003	0	0
210	MCFACE	PX	-0.005	-0.005	0	0
211	MCSTAB1	PX	-0.004	-0.004	0	0
212	MCSTAB2	PX	-0.004	-0.004	0	0
213	MCSTAB3	PX	-0.004	-0.004	0	0
214	MCSTAB4	PX	-0.004	-0.004	0	0
215	MCTIEBACK	PX	-0.002	-0.002	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft.%]	End Location[ft.%]
1	VERT4	PY	-0.000966	-0.000966	0	0
2	VERT3	PY	-0.000966	-0.000966	0	0
3	VERT2	PY	-0.000966	-0.000966	0	0
4	VERT1	PY	-0.000966	-0.000966	0	0
5	TIEBACK2	PY	-0.002	-0.002	0	0
6	TIEBACK1	PY	-0.002	-0.002	0	0
7	PLATE12	PY	-0.000859	-0.000859	0	0
8	PLATE 11	PY	-0.000859	-0.000859	0	0
9	PLATE 10	PY	-0.000859	-0.000859	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
10	PLATE 9	PY	-0.00859	-0.00859	0	0
11	PLATE 8	PY	-0.00859	-0.00859	0	0
12	PLATE 7	PY	-0.00859	-0.00859	0	0
13	PLATE 6	PY	-0.00859	-0.00859	0	0
14	PLATE 5	PY	-0.00859	-0.00859	0	0
15	PLATE 4	PY	-0.00859	-0.00859	0	0
16	PLATE 3	PY	-0.00859	-0.00859	0	0
17	PLATE 2	PY	-0.00859	-0.00859	0	0
18	PLATE 1	PY	-0.00859	-0.00859	0	0
19	MP ALPHA4	PY	-0.005	-0.005	0	0
20	MP ALPHA3	PY	-0.005	-0.005	0	0
21	MP ALPHA2	PY	-0.005	-0.005	0	0
22	MP ALPHA5	PY	-0.005	-0.005	0	0
23	KICKER4	PY	-0.001	-0.001	0	0
24	KICKER3	PY	-0.001	-0.001	0	0
25	KICKER2	PY	-0.001	-0.001	0	0
26	KICKER1	PY	-0.001	-0.001	0	0
27	FACE2	PY	-0.003	-0.003	0	0
28	FACE1	PY	-0.003	-0.003	0	0
29	FACE PL4	PY	-0.00644	-0.00644	0	0
30	FACE PL3	PY	-0.00644	-0.00644	0	0
31	FACE PL2	PY	-0.00644	-0.00644	0	0
32	FACE PL1	PY	-0.00644	-0.00644	0	0
33	DIAG2	PY	-0.00483	-0.00483	0	0
34	DIAG1	PY	-0.00483	-0.00483	0	0
35	BACK2	PY	-0.00859	-0.00859	0	0
36	BACK1	PY	-0.00859	-0.00859	0	0
37	BACK PIPE1	PY	-0.003	-0.003	0	0
38	MAFACE	PY	-0.005	-0.005	0	0
39	MASTAB1	PY	-0.004	-0.004	0	0
40	MASTAB2	PY	-0.004	-0.004	0	0
41	MASTAB3	PY	-0.004	-0.004	0	0
42	MASTAB4	PY	-0.004	-0.004	0	0
43	MATIEBACK	PY	-0.002	-0.002	0	0
44	VERT4 B	PY	-0.00966	-0.00966	0	0
45	VERT3 B	PY	-0.00966	-0.00966	0	0
46	VERT2 B	PY	-0.00966	-0.00966	0	0
47	VERT1 B	PY	-0.00966	-0.00966	0	0
48	TIEBACK2 B	PY	-0.002	-0.002	0	0
49	TIEBACK1 B	PY	-0.002	-0.002	0	0
50	PLATE12 B	PY	-0.00859	-0.00859	0	0
51	PLATE 11 B	PY	-0.00859	-0.00859	0	0
52	PLATE 10 B	PY	-0.00859	-0.00859	0	0
53	PLATE 9 B	PY	-0.00859	-0.00859	0	0
54	PLATE 8 B	PY	-0.00859	-0.00859	0	0
55	PLATE 7 B	PY	-0.00859	-0.00859	0	0
56	PLATE 6 B	PY	-0.00859	-0.00859	0	0
57	PLATE 5 B	PY	-0.00859	-0.00859	0	0
58	PLATE 4 B	PY	-0.00859	-0.00859	0	0
59	PLATE 3 B	PY	-0.00859	-0.00859	0	0
60	PLATE 2 B	PY	-0.00859	-0.00859	0	0
61	PLATE 1 B	PY	-0.00859	-0.00859	0	0
62	MP BETA4	PY	-0.005	-0.005	0	0
63	MP BETA3	PY	-0.005	-0.005	0	0
64	MP BETA2	PY	-0.005	-0.005	0	0
65	MP BETA5	PY	-0.005	-0.005	0	0
66	KICKER4 B	PY	-0.001	-0.001	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
67	KICKER3 B	PY	-0.01	-0.01	0	0
68	KICKER2 B	PY	-0.01	-0.01	0	0
69	KICKER1 B	PY	-0.01	-0.01	0	0
70	FACE2 B	PY	-0.03	-0.03	0	0
71	FACE1 B	PY	-0.03	-0.03	0	0
72	FACE PL4 B	PY	-0.00644	-0.00644	0	0
73	FACE PL3 B	PY	-0.00644	-0.00644	0	0
74	FACE PL2 B	PY	-0.00644	-0.00644	0	0
75	FACE PL1 B	PY	-0.00644	-0.00644	0	0
76	DIAG2 B	PY	-0.00483	-0.00483	0	0
77	DIAG1 B	PY	-0.00483	-0.00483	0	0
78	BACK2 B	PY	-0.00859	-0.00859	0	0
79	BACK1 B	PY	-0.00859	-0.00859	0	0
80	BACK PIPE1 B	PY	-0.03	-0.03	0	0
81	MBFACE	PY	-0.05	-0.05	0	0
82	MBSTAB1	PY	-0.04	-0.04	0	0
83	MBSTAB2	PY	-0.04	-0.04	0	0
84	MBSTAB3	PY	-0.04	-0.04	0	0
85	MBSTAB4	PY	-0.04	-0.04	0	0
86	MBTIEBACK	PY	-0.02	-0.02	0	0
87	VERT4 C	PY	-0.02	-0.02	0	0
88	VERT3 C	PY	-0.02	-0.02	0	0
89	VERT2 C	PY	-0.02	-0.02	0	0
90	VERT1 C	PY	-0.02	-0.02	0	0
91	TIEBACK2 C	PY	-0.03	-0.03	0	0
92	TIEBACK1 C	PY	-0.03	-0.03	0	0
93	PLATE12 C	PY	-0.02	-0.02	0	0
94	PLATE 11 C	PY	-0.02	-0.02	0	0
95	PLATE 10 C	PY	-0.02	-0.02	0	0
96	PLATE 9 C	PY	-0.02	-0.02	0	0
97	PLATE 8 C	PY	-0.02	-0.02	0	0
98	PLATE 7 C	PY	-0.02	-0.02	0	0
99	PLATE 6 C	PY	-0.02	-0.02	0	0
100	PLATE 5 C	PY	-0.02	-0.02	0	0
101	PLATE 4 C	PY	-0.02	-0.02	0	0
102	PLATE 3 C	PY	-0.02	-0.02	0	0
103	PLATE 2 C	PY	-0.02	-0.02	0	0
104	PLATE 1 C	PY	-0.02	-0.02	0	0
105	MP GAMMA4	PY	-0.01	-0.01	0	0
106	MP GAMMA3	PY	-0.01	-0.01	0	0
107	MP GAMMA2	PY	-0.01	-0.01	0	0
108	MP GAMMA5	PY	-0.01	-0.01	0	0
109	KICKER4 C	PY	-0.03	-0.03	0	0
110	KICKER3 C	PY	-0.03	-0.03	0	0
111	KICKER2 C	PY	-0.03	-0.03	0	0
112	KICKER1 C	PY	-0.03	-0.03	0	0
113	FACE2 C	PY	-0.06	-0.06	0	0
114	FACE1 C	PY	-0.06	-0.06	0	0
115	FACE PL4 C	PY	-0.01	-0.01	0	0
116	FACE PL3 C	PY	-0.01	-0.01	0	0
117	FACE PL2 C	PY	-0.01	-0.01	0	0
118	FACE PL1 C	PY	-0.01	-0.01	0	0
119	DIAG2 C	PY	-0.000966	-0.000966	0	0
120	DIAG1 C	PY	-0.000966	-0.000966	0	0
121	BACK2 C	PY	-0.02	-0.02	0	0
122	BACK1 C	PY	-0.02	-0.02	0	0
123	BACK PIPE1 C	PY	-0.06	-0.06	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
124	MCFACE	PY	-0.009	-0.009	0	0
125	MCSTAB1	PY	-0.009	-0.009	0	0
126	MCSTAB2	PY	-0.009	-0.009	0	0
127	MCSTAB3	PY	-0.009	-0.009	0	0
128	MCSTAB4	PY	-0.009	-0.009	0	0
129	MCTIEBACK	PY	-0.003	-0.003	0	0
130	VERT4	PX	-0.002	-0.002	0	0
131	VERT3	PX	-0.002	-0.002	0	0
132	VERT2	PX	-0.002	-0.002	0	0
133	VERT1	PX	-0.002	-0.002	0	0
134	TIEBACK2	PX	-0.003	-0.003	0	0
135	TIEBACK1	PX	-0.003	-0.003	0	0
136	PLATE12	PX	-0.001	-0.001	0	0
137	PLATE 11	PX	-0.001	-0.001	0	0
138	PLATE 10	PX	-0.001	-0.001	0	0
139	PLATE 9	PX	-0.001	-0.001	0	0
140	PLATE 8	PX	-0.001	-0.001	0	0
141	PLATE 7	PX	-0.001	-0.001	0	0
142	PLATE 6	PX	-0.001	-0.001	0	0
143	PLATE 5	PX	-0.001	-0.001	0	0
144	PLATE 4	PX	-0.001	-0.001	0	0
145	PLATE 3	PX	-0.001	-0.001	0	0
146	PLATE 2	PX	-0.001	-0.001	0	0
147	PLATE 1	PX	-0.001	-0.001	0	0
148	MP ALPHA4	PX	-0.008	-0.008	0	0
149	MP ALPHA3	PX	-0.008	-0.008	0	0
150	MP ALPHA2	PX	-0.008	-0.008	0	0
151	MP ALPHA5	PX	-0.008	-0.008	0	0
152	KICKER4	PX	-0.003	-0.003	0	0
153	KICKER3	PX	-0.003	-0.003	0	0
154	KICKER2	PX	-0.003	-0.003	0	0
155	KICKER1	PX	-0.003	-0.003	0	0
156	FACE2	PX	-0.005	-0.005	0	0
157	FACE1	PX	-0.005	-0.005	0	0
158	FACE PL4	PX	-0.001	-0.001	0	0
159	FACE PL3	PX	-0.001	-0.001	0	0
160	FACE PL2	PX	-0.001	-0.001	0	0
161	FACE PL1	PX	-0.001	-0.001	0	0
162	DIAG2	PX	-0.000837	-0.000837	0	0
163	DIAG1	PX	-0.000837	-0.000837	0	0
164	BACK2	PX	-0.001	-0.001	0	0
165	BACK1	PX	-0.001	-0.001	0	0
166	BACK PIPE1	PX	-0.005	-0.005	0	0
167	MAFACE	PX	-0.008	-0.008	0	0
168	MASTAB1	PX	-0.007	-0.007	0	0
169	MASTAB2	PX	-0.007	-0.007	0	0
170	MASTAB3	PX	-0.007	-0.007	0	0
171	MASTAB4	PX	-0.007	-0.007	0	0
172	MATIEBACK	PX	-0.003	-0.003	0	0
173	VERT4 B	PX	-0.002	-0.002	0	0
174	VERT3 B	PX	-0.002	-0.002	0	0
175	VERT2 B	PX	-0.002	-0.002	0	0
176	VERT1 B	PX	-0.002	-0.002	0	0
177	TIEBACK2 B	PX	-0.003	-0.003	0	0
178	TIEBACK1 B	PX	-0.003	-0.003	0	0
179	PLATE12 B	PX	-0.001	-0.001	0	0
180	PLATE 11 B	PX	-0.001	-0.001	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
181	PLATE 10 B	PX	-0.01	-0.01	0	0
182	PLATE 9 B	PX	-0.01	-0.01	0	0
183	PLATE 8 B	PX	-0.01	-0.01	0	0
184	PLATE 7 B	PX	-0.01	-0.01	0	0
185	PLATE 6 B	PX	-0.01	-0.01	0	0
186	PLATE 5 B	PX	-0.01	-0.01	0	0
187	PLATE 4 B	PX	-0.01	-0.01	0	0
188	PLATE 3 B	PX	-0.01	-0.01	0	0
189	PLATE 2 B	PX	-0.01	-0.01	0	0
190	PLATE 1 B	PX	-0.01	-0.01	0	0
191	MP BETA4	PX	-0.008	-0.008	0	0
192	MP BETA3	PX	-0.008	-0.008	0	0
193	MP BETA2	PX	-0.008	-0.008	0	0
194	MP BETA5	PX	-0.008	-0.008	0	0
195	KICKER4 B	PX	-0.003	-0.003	0	0
196	KICKER3 B	PX	-0.003	-0.003	0	0
197	KICKER2 B	PX	-0.003	-0.003	0	0
198	KICKER1 B	PX	-0.003	-0.003	0	0
199	FACE2 B	PX	-0.005	-0.005	0	0
200	FACE1 B	PX	-0.005	-0.005	0	0
201	FACE PL4 B	PX	-0.001	-0.001	0	0
202	FACE PL3 B	PX	-0.001	-0.001	0	0
203	FACE PL2 B	PX	-0.001	-0.001	0	0
204	FACE PL1 B	PX	-0.001	-0.001	0	0
205	DIAG2 B	PX	-0.000837	-0.000837	0	0
206	DIAG1 B	PX	-0.000837	-0.000837	0	0
207	BACK2 B	PX	-0.001	-0.001	0	0
208	BACK1 B	PX	-0.001	-0.001	0	0
209	BACK PIPE1 B	PX	-0.005	-0.005	0	0
210	MBFACE	PX	-0.008	-0.008	0	0
211	MBSTAB1	PX	-0.007	-0.007	0	0
212	MBSTAB2	PX	-0.007	-0.007	0	0
213	MBSTAB3	PX	-0.007	-0.007	0	0
214	MBSTAB4	PX	-0.007	-0.007	0	0
215	MBTIEBACK	PX	-0.003	-0.003	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PX	-0.01	-0.01	0	0
2	VERT3	PX	-0.01	-0.01	0	0
3	VERT2	PX	-0.01	-0.01	0	0
4	VERT1	PX	-0.01	-0.01	0	0
5	TIEBACK2	PX	-0.007	-0.007	0	0
6	TIEBACK1	PX	-0.007	-0.007	0	0
7	PLATE12	PX	-0.002	-0.002	0	0
8	PLATE 11	PX	-0.002	-0.002	0	0
9	PLATE 10	PX	-0.002	-0.002	0	0
10	PLATE 9	PX	-0.002	-0.002	0	0
11	PLATE 8	PX	-0.002	-0.002	0	0
12	PLATE 7	PX	-0.002	-0.002	0	0
13	PLATE 6	PX	-0.002	-0.002	0	0
14	PLATE 5	PX	-0.002	-0.002	0	0
15	PLATE 4	PX	-0.002	-0.002	0	0
16	PLATE 3	PX	-0.002	-0.002	0	0
17	PLATE 2	PX	-0.002	-0.002	0	0
18	PLATE 1	PX	-0.002	-0.002	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
19	MP ALPHA4	PX	-.01	-.01	0	0
20	MP ALPHA3	PX	-.01	-.01	0	0
21	MP ALPHA2	PX	-.01	-.01	0	0
22	MP ALPHA5	PX	-.01	-.01	0	0
23	KICKER4	PX	-.007	-.007	0	0
24	KICKER3	PX	-.007	-.007	0	0
25	KICKER2	PX	-.007	-.007	0	0
26	KICKER1	PX	-.007	-.007	0	0
27	FACE2	PX	-.004	-.004	0	0
28	FACE1	PX	-.004	-.004	0	0
29	FACE PL4	PX	-.001	-.001	0	0
30	FACE PL3	PX	-.001	-.001	0	0
31	FACE PL2	PX	-.001	-.001	0	0
32	FACE PL1	PX	-.001	-.001	0	0
33	DIAG2	PX	-.002	-.002	0	0
34	DIAG1	PX	-.002	-.002	0	0
35	BACK2	PX	-.002	-.002	0	0
36	BACK1	PX	-.002	-.002	0	0
37	BACK PIPE1	PX	-.007	-.007	0	0
38	MAFACE	PX	-.005	-.005	0	0
39	MASTAB1	PX	-.009	-.009	0	0
40	MASTAB2	PX	-.009	-.009	0	0
41	MASTAB3	PX	-.009	-.009	0	0
42	MASTAB4	PX	-.009	-.009	0	0
43	MATIEBACK	PX	-.007	-.007	0	0
44	VERT4 B	PY	.002	.002	0	0
45	VERT3 B	PY	.002	.002	0	0
46	VERT2 B	PY	.002	.002	0	0
47	VERT1 B	PY	.002	.002	0	0
48	TIEBACK2 B	PY	.003	.003	0	0
49	TIEBACK1 B	PY	.003	.003	0	0
50	PLATE12 B	PY	.001	.001	0	0
51	PLATE 11 B	PY	.001	.001	0	0
52	PLATE 10 B	PY	.001	.001	0	0
53	PLATE 9 B	PY	.001	.001	0	0
54	PLATE 8 B	PY	.001	.001	0	0
55	PLATE 7 B	PY	.001	.001	0	0
56	PLATE 6 B	PY	.001	.001	0	0
57	PLATE 5 B	PY	.001	.001	0	0
58	PLATE 4 B	PY	.001	.001	0	0
59	PLATE 3 B	PY	.001	.001	0	0
60	PLATE 2 B	PY	.001	.001	0	0
61	PLATE 1 B	PY	.001	.001	0	0
62	MP BETA4	PY	.008	.008	0	0
63	MP BETA3	PY	.008	.008	0	0
64	MP BETA2	PY	.008	.008	0	0
65	MP BETA5	PY	.008	.008	0	0
66	KICKER4 B	PY	.003	.003	0	0
67	KICKER3 B	PY	.003	.003	0	0
68	KICKER2 B	PY	.003	.003	0	0
69	KICKER1 B	PY	.003	.003	0	0
70	FACE2 B	PY	.005	.005	0	0
71	FACE1 B	PY	.005	.005	0	0
72	FACE PL4 B	PY	.001	.001	0	0
73	FACE PL3 B	PY	.001	.001	0	0
74	FACE PL2 B	PY	.001	.001	0	0
75	FACE PL1 B	PY	.001	.001	0	0



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

Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
76	DIAG2 B	PY	.000837	.000837	0 0
77	DIAG1 B	PY	.000837	.000837	0 0
78	BACK2 B	PY	.001	.001	0 0
79	BACK1 B	PY	.001	.001	0 0
80	BACK PIPE1 B	PY	.005	.005	0 0
81	MBFACE	PY	.008	.008	0 0
82	MBSTAB1	PY	.007	.007	0 0
83	MBSTAB2	PY	.007	.007	0 0
84	MBSTAB3	PY	.007	.007	0 0
85	MBSTAB4	PY	.007	.007	0 0
86	MBTIEBACK	PY	.003	.003	0 0
87	VERT4 C	PY	-.002	-.002	0 0
88	VERT3 C	PY	-.002	-.002	0 0
89	VERT2 C	PY	-.002	-.002	0 0
90	VERT1 C	PY	-.002	-.002	0 0
91	TIEBACK2 C	PY	-.003	-.003	0 0
92	TIEBACK1 C	PY	-.003	-.003	0 0
93	PLATE12 C	PY	-.001	-.001	0 0
94	PLATE 11 C	PY	-.001	-.001	0 0
95	PLATE 10 C	PY	-.001	-.001	0 0
96	PLATE 9 C	PY	-.001	-.001	0 0
97	PLATE 8 C	PY	-.001	-.001	0 0
98	PLATE 7 C	PY	-.001	-.001	0 0
99	PLATE 6 C	PY	-.001	-.001	0 0
100	PLATE 5 C	PY	-.001	-.001	0 0
101	PLATE 4 C	PY	-.001	-.001	0 0
102	PLATE 3 C	PY	-.001	-.001	0 0
103	PLATE 2 C	PY	-.001	-.001	0 0
104	PLATE 1 C	PY	-.001	-.001	0 0
105	MP GAMMA4	PY	-.008	-.008	0 0
106	MP GAMMA3	PY	-.008	-.008	0 0
107	MP GAMMA2	PY	-.008	-.008	0 0
108	MP GAMMA5	PY	-.008	-.008	0 0
109	KICKER4 C	PY	-.003	-.003	0 0
110	KICKER3 C	PY	-.003	-.003	0 0
111	KICKER2 C	PY	-.003	-.003	0 0
112	KICKER1 C	PY	-.003	-.003	0 0
113	FACE2 C	PY	-.005	-.005	0 0
114	FACE1 C	PY	-.005	-.005	0 0
115	FACE PL4 C	PY	-.001	-.001	0 0
116	FACE PL3 C	PY	-.001	-.001	0 0
117	FACE PL2 C	PY	-.001	-.001	0 0
118	FACE PL1 C	PY	-.001	-.001	0 0
119	DIAG2 C	PY	-.000837	-.000837	0 0
120	DIAG1 C	PY	-.000837	-.000837	0 0
121	BACK2 C	PY	-.001	-.001	0 0
122	BACK1 C	PY	-.001	-.001	0 0
123	BACK PIPE1 C	PY	-.005	-.005	0 0
124	MCFACE	PY	-.008	-.008	0 0
125	MCSTAB1	PY	-.007	-.007	0 0
126	MCSTAB2	PY	-.007	-.007	0 0
127	MCSTAB3	PY	-.007	-.007	0 0
128	MCSTAB4	PY	-.007	-.007	0 0
129	MCTIEBACK	PY	-.003	-.003	0 0
130	VERT4 B	PX	-.000966	-.000966	0 0
131	VERT3 B	PX	-.000966	-.000966	0 0
132	VERT2 B	PX	-.000966	-.000966	0 0



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

	Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
133	VERT1 B	PX	-0.00966	-0.00966	0	0
134	TIEBACK2 B	PX	-0.002	-0.002	0	0
135	TIEBACK1 B	PX	-0.002	-0.002	0	0
136	PLATE12 B	PX	-0.00859	-0.00859	0	0
137	PLATE 11 B	PX	-0.00859	-0.00859	0	0
138	PLATE 10 B	PX	-0.00859	-0.00859	0	0
139	PLATE 9 B	PX	-0.00859	-0.00859	0	0
140	PLATE 8 B	PX	-0.00859	-0.00859	0	0
141	PLATE 7 B	PX	-0.00859	-0.00859	0	0
142	PLATE 6 B	PX	-0.00859	-0.00859	0	0
143	PLATE 5 B	PX	-0.00859	-0.00859	0	0
144	PLATE 4 B	PX	-0.00859	-0.00859	0	0
145	PLATE 3 B	PX	-0.00859	-0.00859	0	0
146	PLATE 2 B	PX	-0.00859	-0.00859	0	0
147	PLATE 1 B	PX	-0.00859	-0.00859	0	0
148	MP BETA4	PX	-0.005	-0.005	0	0
149	MP BETA3	PX	-0.005	-0.005	0	0
150	MP BETA2	PX	-0.005	-0.005	0	0
151	MP BETA5	PX	-0.005	-0.005	0	0
152	KICKER4 B	PX	-0.001	-0.001	0	0
153	KICKER3 B	PX	-0.001	-0.001	0	0
154	KICKER2 B	PX	-0.001	-0.001	0	0
155	KICKER1 B	PX	-0.001	-0.001	0	0
156	FACE2 B	PX	-0.003	-0.003	0	0
157	FACE1 B	PX	-0.003	-0.003	0	0
158	FACE PL4 B	PX	-0.00644	-0.00644	0	0
159	FACE PL3 B	PX	-0.00644	-0.00644	0	0
160	FACE PL2 B	PX	-0.00644	-0.00644	0	0
161	FACE PL1 B	PX	-0.00644	-0.00644	0	0
162	DIAG2 B	PX	-0.00483	-0.00483	0	0
163	DIAG1 B	PX	-0.00483	-0.00483	0	0
164	BACK2 B	PX	-0.00859	-0.00859	0	0
165	BACK1 B	PX	-0.00859	-0.00859	0	0
166	BACK PIPE1 B	PX	-0.003	-0.003	0	0
167	MBFACE	PX	-0.005	-0.005	0	0
168	MBSTAB1	PX	-0.004	-0.004	0	0
169	MBSTAB2	PX	-0.004	-0.004	0	0
170	MBSTAB3	PX	-0.004	-0.004	0	0
171	MBSTAB4	PX	-0.004	-0.004	0	0
172	MBTIEBACK	PX	-0.002	-0.002	0	0
173	VERT4 C	PX	-0.00966	-0.00966	0	0
174	VERT3 C	PX	-0.00966	-0.00966	0	0
175	VERT2 C	PX	-0.00966	-0.00966	0	0
176	VERT1 C	PX	-0.00966	-0.00966	0	0
177	TIEBACK2 C	PX	-0.002	-0.002	0	0
178	TIEBACK1 C	PX	-0.002	-0.002	0	0
179	PLATE12 C	PX	-0.00859	-0.00859	0	0
180	PLATE 11 C	PX	-0.00859	-0.00859	0	0
181	PLATE 10 C	PX	-0.00859	-0.00859	0	0
182	PLATE 9 C	PX	-0.00859	-0.00859	0	0
183	PLATE 8 C	PX	-0.00859	-0.00859	0	0
184	PLATE 7 C	PX	-0.00859	-0.00859	0	0
185	PLATE 6 C	PX	-0.00859	-0.00859	0	0
186	PLATE 5 C	PX	-0.00859	-0.00859	0	0
187	PLATE 4 C	PX	-0.00859	-0.00859	0	0
188	PLATE 3 C	PX	-0.00859	-0.00859	0	0
189	PLATE 2 C	PX	-0.00859	-0.00859	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
190	PLATE 1 C	PX	-0.00859	-0.00859	0	0
191	MP GAMMA4	PX	-0.005	-0.005	0	0
192	MP GAMMA3	PX	-0.005	-0.005	0	0
193	MP GAMMA2	PX	-0.005	-0.005	0	0
194	MP GAMMA5	PX	-0.005	-0.005	0	0
195	KICKER4 C	PX	-0.001	-0.001	0	0
196	KICKER3 C	PX	-0.001	-0.001	0	0
197	KICKER2 C	PX	-0.001	-0.001	0	0
198	KICKER1 C	PX	-0.001	-0.001	0	0
199	FACE2 C	PX	-0.003	-0.003	0	0
200	FACE1 C	PX	-0.003	-0.003	0	0
201	FACE PL4 C	PX	-0.00644	-0.00644	0	0
202	FACE PL3 C	PX	-0.00644	-0.00644	0	0
203	FACE PL2 C	PX	-0.00644	-0.00644	0	0
204	FACE PL1 C	PX	-0.00644	-0.00644	0	0
205	DIAG2 C	PX	-0.00483	-0.00483	0	0
206	DIAG1 C	PX	-0.00483	-0.00483	0	0
207	BACK2 C	PX	-0.00859	-0.00859	0	0
208	BACK1 C	PX	-0.00859	-0.00859	0	0
209	BACK PIPE1 C	PX	-0.003	-0.003	0	0
210	MCFACE	PX	-0.005	-0.005	0	0
211	MCSTAB1	PX	-0.004	-0.004	0	0
212	MCSTAB2	PX	-0.004	-0.004	0	0
213	MCSTAB3	PX	-0.004	-0.004	0	0
214	MCSTAB4	PX	-0.004	-0.004	0	0
215	MCTIEBACK	PX	-0.002	-0.002	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	VERT4	PY	.000966	.000966	0	0
2	VERT3	PY	.000966	.000966	0	0
3	VERT2	PY	.000966	.000966	0	0
4	VERT1	PY	.000966	.000966	0	0
5	TIEBACK2	PY	.002	.002	0	0
6	TIEBACK1	PY	.002	.002	0	0
7	PLATE12	PY	.000859	.000859	0	0
8	PLATE 11	PY	.000859	.000859	0	0
9	PLATE 10	PY	.000859	.000859	0	0
10	PLATE 9	PY	.000859	.000859	0	0
11	PLATE 8	PY	.000859	.000859	0	0
12	PLATE 7	PY	.000859	.000859	0	0
13	PLATE 6	PY	.000859	.000859	0	0
14	PLATE 5	PY	.000859	.000859	0	0
15	PLATE 4	PY	.000859	.000859	0	0
16	PLATE 3	PY	.000859	.000859	0	0
17	PLATE 2	PY	.000859	.000859	0	0
18	PLATE 1	PY	.000859	.000859	0	0
19	MP ALPHA4	PY	.005	.005	0	0
20	MP ALPHA3	PY	.005	.005	0	0
21	MP ALPHA2	PY	.005	.005	0	0
22	MP ALPHA5	PY	.005	.005	0	0
23	KICKER4	PY	.001	.001	0	0
24	KICKER3	PY	.001	.001	0	0
25	KICKER2	PY	.001	.001	0	0
26	KICKER1	PY	.001	.001	0	0
27	FACE2	PY	.003	.003	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
28	FACE1	PY	.003	.003	0	0
29	FACE PL4	PY	.000644	.000644	0	0
30	FACE PL3	PY	.000644	.000644	0	0
31	FACE PL2	PY	.000644	.000644	0	0
32	FACE PL1	PY	.000644	.000644	0	0
33	DIAG2	PY	.000483	.000483	0	0
34	DIAG1	PY	.000483	.000483	0	0
35	BACK2	PY	.000859	.000859	0	0
36	BACK1	PY	.000859	.000859	0	0
37	BACK PIPE1	PY	.003	.003	0	0
38	MAFACE	PY	.005	.005	0	0
39	MASTAB1	PY	.004	.004	0	0
40	MASTAB2	PY	.004	.004	0	0
41	MASTAB3	PY	.004	.004	0	0
42	MASTAB4	PY	.004	.004	0	0
43	MATIEBACK	PY	.002	.002	0	0
44	VERT4 B	PY	.002	.002	0	0
45	VERT3 B	PY	.002	.002	0	0
46	VERT2 B	PY	.002	.002	0	0
47	VERT1 B	PY	.002	.002	0	0
48	TIEBACK2 B	PY	.003	.003	0	0
49	TIEBACK1 B	PY	.003	.003	0	0
50	PLATE12 B	PY	.002	.002	0	0
51	PLATE 11 B	PY	.002	.002	0	0
52	PLATE 10 B	PY	.002	.002	0	0
53	PLATE 9 B	PY	.002	.002	0	0
54	PLATE 8 B	PY	.002	.002	0	0
55	PLATE 7 B	PY	.002	.002	0	0
56	PLATE 6 B	PY	.002	.002	0	0
57	PLATE 5 B	PY	.002	.002	0	0
58	PLATE 4 B	PY	.002	.002	0	0
59	PLATE 3 B	PY	.002	.002	0	0
60	PLATE 2 B	PY	.002	.002	0	0
61	PLATE 1 B	PY	.002	.002	0	0
62	MP BETA4	PY	.01	.01	0	0
63	MP BETA3	PY	.01	.01	0	0
64	MP BETA2	PY	.01	.01	0	0
65	MP BETA5	PY	.01	.01	0	0
66	KICKER4 B	PY	.003	.003	0	0
67	KICKER3 B	PY	.003	.003	0	0
68	KICKER2 B	PY	.003	.003	0	0
69	KICKER1 B	PY	.003	.003	0	0
70	FACE2 B	PY	.006	.006	0	0
71	FACE1 B	PY	.006	.006	0	0
72	FACE PL4 B	PY	.001	.001	0	0
73	FACE PL3 B	PY	.001	.001	0	0
74	FACE PL2 B	PY	.001	.001	0	0
75	FACE PL1 B	PY	.001	.001	0	0
76	DIAG2 B	PY	.000966	.000966	0	0
77	DIAG1 B	PY	.000966	.000966	0	0
78	BACK2 B	PY	.002	.002	0	0
79	BACK1 B	PY	.002	.002	0	0
80	BACK PIPE1 B	PY	.006	.006	0	0
81	MBFACE	PY	.009	.009	0	0
82	MBSTAB1	PY	.009	.009	0	0
83	MBSTAB2	PY	.009	.009	0	0
84	MBSTAB3	PY	.009	.009	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
85	MBSTAB4	PY	.009	.009	0	0
86	MBTIEBACK	PY	.003	.003	0	0
87	VERT4 C	PY	.000966	.000966	0	0
88	VERT3 C	PY	.000966	.000966	0	0
89	VERT2 C	PY	.000966	.000966	0	0
90	VERT1 C	PY	.000966	.000966	0	0
91	TIEBACK2 C	PY	.002	.002	0	0
92	TIEBACK1 C	PY	.002	.002	0	0
93	PLATE12 C	PY	.000859	.000859	0	0
94	PLATE 11 C	PY	.000859	.000859	0	0
95	PLATE 10 C	PY	.000859	.000859	0	0
96	PLATE 9 C	PY	.000859	.000859	0	0
97	PLATE 8 C	PY	.000859	.000859	0	0
98	PLATE 7 C	PY	.000859	.000859	0	0
99	PLATE 6 C	PY	.000859	.000859	0	0
100	PLATE 5 C	PY	.000859	.000859	0	0
101	PLATE 4 C	PY	.000859	.000859	0	0
102	PLATE 3 C	PY	.000859	.000859	0	0
103	PLATE 2 C	PY	.000859	.000859	0	0
104	PLATE 1 C	PY	.000859	.000859	0	0
105	MP GAMMA4	PY	.005	.005	0	0
106	MP GAMMA3	PY	.005	.005	0	0
107	MP GAMMA2	PY	.005	.005	0	0
108	MP GAMMA5	PY	.005	.005	0	0
109	KICKER4 C	PY	.001	.001	0	0
110	KICKER3 C	PY	.001	.001	0	0
111	KICKER2 C	PY	.001	.001	0	0
112	KICKER1 C	PY	.001	.001	0	0
113	FACE2 C	PY	.003	.003	0	0
114	FACE1 C	PY	.003	.003	0	0
115	FACE PL4 C	PY	.000644	.000644	0	0
116	FACE PL3 C	PY	.000644	.000644	0	0
117	FACE PL2 C	PY	.000644	.000644	0	0
118	FACE PL1 C	PY	.000644	.000644	0	0
119	DIAG2 C	PY	.000483	.000483	0	0
120	DIAG1 C	PY	.000483	.000483	0	0
121	BACK2 C	PY	.000859	.000859	0	0
122	BACK1 C	PY	.000859	.000859	0	0
123	BACK PIPE1 C	PY	.003	.003	0	0
124	MCFACE	PY	.005	.005	0	0
125	MCSTAB1	PY	.004	.004	0	0
126	MCSTAB2	PY	.004	.004	0	0
127	MCSTAB3	PY	.004	.004	0	0
128	MCSTAB4	PY	.004	.004	0	0
129	MCTIEBACK	PY	.002	.002	0	0
130	VERT4	PX	-.002	-.002	0	0
131	VERT3	PX	-.002	-.002	0	0
132	VERT2	PX	-.002	-.002	0	0
133	VERT1	PX	-.002	-.002	0	0
134	TIEBACK2	PX	-.003	-.003	0	0
135	TIEBACK1	PX	-.003	-.003	0	0
136	PLATE12	PX	-.001	-.001	0	0
137	PLATE 11	PX	-.001	-.001	0	0
138	PLATE 10	PX	-.001	-.001	0	0
139	PLATE 9	PX	-.001	-.001	0	0
140	PLATE 8	PX	-.001	-.001	0	0
141	PLATE 7	PX	-.001	-.001	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
142	PLATE 6	PX	-0.01	-0.01	0	0
143	PLATE 5	PX	-0.01	-0.01	0	0
144	PLATE 4	PX	-0.01	-0.01	0	0
145	PLATE 3	PX	-0.01	-0.01	0	0
146	PLATE 2	PX	-0.01	-0.01	0	0
147	PLATE 1	PX	-0.01	-0.01	0	0
148	MP ALPHA4	PX	-0.008	-0.008	0	0
149	MP ALPHA3	PX	-0.008	-0.008	0	0
150	MP ALPHA2	PX	-0.008	-0.008	0	0
151	MP ALPHA5	PX	-0.008	-0.008	0	0
152	KICKER4	PX	-0.003	-0.003	0	0
153	KICKER3	PX	-0.003	-0.003	0	0
154	KICKER2	PX	-0.003	-0.003	0	0
155	KICKER1	PX	-0.003	-0.003	0	0
156	FACE2	PX	-0.005	-0.005	0	0
157	FACE1	PX	-0.005	-0.005	0	0
158	FACE PL4	PX	-0.001	-0.001	0	0
159	FACE PL3	PX	-0.001	-0.001	0	0
160	FACE PL2	PX	-0.001	-0.001	0	0
161	FACE PL1	PX	-0.001	-0.001	0	0
162	DIAG2	PX	-0.000837	-0.000837	0	0
163	DIAG1	PX	-0.000837	-0.000837	0	0
164	BACK2	PX	-0.001	-0.001	0	0
165	BACK1	PX	-0.001	-0.001	0	0
166	BACK PIPE1	PX	-0.005	-0.005	0	0
167	MAFACE	PX	-0.008	-0.008	0	0
168	MASTAB1	PX	-0.007	-0.007	0	0
169	MASTAB2	PX	-0.007	-0.007	0	0
170	MASTAB3	PX	-0.007	-0.007	0	0
171	MASTAB4	PX	-0.007	-0.007	0	0
172	MATIEBACK	PX	-0.003	-0.003	0	0
173	VERT4 C	PX	-0.002	-0.002	0	0
174	VERT3 C	PX	-0.002	-0.002	0	0
175	VERT2 C	PX	-0.002	-0.002	0	0
176	VERT1 C	PX	-0.002	-0.002	0	0
177	TIEBACK2 C	PX	-0.003	-0.003	0	0
178	TIEBACK1 C	PX	-0.003	-0.003	0	0
179	PLATE12 C	PX	-0.001	-0.001	0	0
180	PLATE 11 C	PX	-0.001	-0.001	0	0
181	PLATE 10 C	PX	-0.001	-0.001	0	0
182	PLATE 9 C	PX	-0.001	-0.001	0	0
183	PLATE 8 C	PX	-0.001	-0.001	0	0
184	PLATE 7 C	PX	-0.001	-0.001	0	0
185	PLATE 6 C	PX	-0.001	-0.001	0	0
186	PLATE 5 C	PX	-0.001	-0.001	0	0
187	PLATE 4 C	PX	-0.001	-0.001	0	0
188	PLATE 3 C	PX	-0.001	-0.001	0	0
189	PLATE 2 C	PX	-0.001	-0.001	0	0
190	PLATE 1 C	PX	-0.001	-0.001	0	0
191	MP GAMMA4	PX	-0.008	-0.008	0	0
192	MP GAMMA3	PX	-0.008	-0.008	0	0
193	MP GAMMA2	PX	-0.008	-0.008	0	0
194	MP GAMMA5	PX	-0.008	-0.008	0	0
195	KICKER4 C	PX	-0.003	-0.003	0	0
196	KICKER3 C	PX	-0.003	-0.003	0	0
197	KICKER2 C	PX	-0.003	-0.003	0	0
198	KICKER1 C	PX	-0.003	-0.003	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
199	FACE2 C	PX	-0.005	-0.005	0	0
200	FACE1 C	PX	-0.005	-0.005	0	0
201	FACE PL4 C	PX	-0.001	-0.001	0	0
202	FACE PL3 C	PX	-0.001	-0.001	0	0
203	FACE PL2 C	PX	-0.001	-0.001	0	0
204	FACE PL1 C	PX	-0.001	-0.001	0	0
205	DIAG2 C	PX	-0.000837	-0.000837	0	0
206	DIAG1 C	PX	-0.000837	-0.000837	0	0
207	BACK2 C	PX	-0.001	-0.001	0	0
208	BACK1 C	PX	-0.001	-0.001	0	0
209	BACK PIPE1 C	PX	-0.005	-0.005	0	0
210	MCFACE	PX	-0.008	-0.008	0	0
211	MCSTAB1	PX	-0.007	-0.007	0	0
212	MCSTAB2	PX	-0.007	-0.007	0	0
213	MCSTAB3	PX	-0.007	-0.007	0	0
214	MCSTAB4	PX	-0.007	-0.007	0	0
215	MCTIEBACK	PX	-0.003	-0.003	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	.002	.002	0	0
2	VERT3	PY	.002	.002	0	0
3	VERT2	PY	.002	.002	0	0
4	VERT1	PY	.002	.002	0	0
5	TIEBACK2	PY	.003	.003	0	0
6	TIEBACK1	PY	.003	.003	0	0
7	PLATE12	PY	.001	.001	0	0
8	PLATE 11	PY	.001	.001	0	0
9	PLATE 10	PY	.001	.001	0	0
10	PLATE 9	PY	.001	.001	0	0
11	PLATE 8	PY	.001	.001	0	0
12	PLATE 7	PY	.001	.001	0	0
13	PLATE 6	PY	.001	.001	0	0
14	PLATE 5	PY	.001	.001	0	0
15	PLATE 4	PY	.001	.001	0	0
16	PLATE 3	PY	.001	.001	0	0
17	PLATE 2	PY	.001	.001	0	0
18	PLATE 1	PY	.001	.001	0	0
19	MP ALPHA4	PY	.008	.008	0	0
20	MP ALPHA3	PY	.008	.008	0	0
21	MP ALPHA2	PY	.008	.008	0	0
22	MP ALPHA5	PY	.008	.008	0	0
23	KICKER4	PY	.003	.003	0	0
24	KICKER3	PY	.003	.003	0	0
25	KICKER2	PY	.003	.003	0	0
26	KICKER1	PY	.003	.003	0	0
27	FACE2	PY	.005	.005	0	0
28	FACE1	PY	.005	.005	0	0
29	FACE PL4	PY	.001	.001	0	0
30	FACE PL3	PY	.001	.001	0	0
31	FACE PL2	PY	.001	.001	0	0
32	FACE PL1	PY	.001	.001	0	0
33	DIAG2	PY	.000837	.000837	0	0
34	DIAG1	PY	.000837	.000837	0	0
35	BACK2	PY	.001	.001	0	0
36	BACK1	PY	.001	.001	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
37	BACK PIPE1	PY	.005	.005	0	0
38	MAFACE	PY	.008	.008	0	0
39	MASTAB1	PY	.007	.007	0	0
40	MASTAB2	PY	.007	.007	0	0
41	MASTAB3	PY	.007	.007	0	0
42	MASTAB4	PY	.007	.007	0	0
43	MATIEBACK	PY	.003	.003	0	0
44	VERT4 B	PY	.002	.002	0	0
45	VERT3 B	PY	.002	.002	0	0
46	VERT2 B	PY	.002	.002	0	0
47	VERT1 B	PY	.002	.002	0	0
48	TIEBACK2 B	PY	.003	.003	0	0
49	TIEBACK1 B	PY	.003	.003	0	0
50	PLATE12 B	PY	.001	.001	0	0
51	PLATE 11 B	PY	.001	.001	0	0
52	PLATE 10 B	PY	.001	.001	0	0
53	PLATE 9 B	PY	.001	.001	0	0
54	PLATE 8 B	PY	.001	.001	0	0
55	PLATE 7 B	PY	.001	.001	0	0
56	PLATE 6 B	PY	.001	.001	0	0
57	PLATE 5 B	PY	.001	.001	0	0
58	PLATE 4 B	PY	.001	.001	0	0
59	PLATE 3 B	PY	.001	.001	0	0
60	PLATE 2 B	PY	.001	.001	0	0
61	PLATE 1 B	PY	.001	.001	0	0
62	MP BETA4	PY	.008	.008	0	0
63	MP BETA3	PY	.008	.008	0	0
64	MP BETA2	PY	.008	.008	0	0
65	MP BETA5	PY	.008	.008	0	0
66	KICKER4 B	PY	.003	.003	0	0
67	KICKER3 B	PY	.003	.003	0	0
68	KICKER2 B	PY	.003	.003	0	0
69	KICKER1 B	PY	.003	.003	0	0
70	FACE2 B	PY	.005	.005	0	0
71	FACE1 B	PY	.005	.005	0	0
72	FACE PL4 B	PY	.001	.001	0	0
73	FACE PL3 B	PY	.001	.001	0	0
74	FACE PL2 B	PY	.001	.001	0	0
75	FACE PL1 B	PY	.001	.001	0	0
76	DIAG2 B	PY	.000837	.000837	0	0
77	DIAG1 B	PY	.000837	.000837	0	0
78	BACK2 B	PY	.001	.001	0	0
79	BACK1 B	PY	.001	.001	0	0
80	BACK PIPE1 B	PY	.005	.005	0	0
81	MBFACE	PY	.008	.008	0	0
82	MBSTAB1	PY	.007	.007	0	0
83	MBSTAB2	PY	.007	.007	0	0
84	MBSTAB3	PY	.007	.007	0	0
85	MBSTAB4	PY	.007	.007	0	0
86	MBTIEBACK	PY	.003	.003	0	0
87	VERT4 C	PX	-.001	-.001	0	0
88	VERT3 C	PX	-.001	-.001	0	0
89	VERT2 C	PX	-.001	-.001	0	0
90	VERT1 C	PX	-.001	-.001	0	0
91	TIEBACK2 C	PX	-.007	-.007	0	0
92	TIEBACK1 C	PX	-.007	-.007	0	0
93	PLATE12 C	PX	-.002	-.002	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
94	PLATE 11 C	PX	-0.02	-0.02	0	0
95	PLATE 10 C	PX	-0.02	-0.02	0	0
96	PLATE 9 C	PX	-0.02	-0.02	0	0
97	PLATE 8 C	PX	-0.02	-0.02	0	0
98	PLATE 7 C	PX	-0.02	-0.02	0	0
99	PLATE 6 C	PX	-0.02	-0.02	0	0
100	PLATE 5 C	PX	-0.02	-0.02	0	0
101	PLATE 4 C	PX	-0.02	-0.02	0	0
102	PLATE 3 C	PX	-0.02	-0.02	0	0
103	PLATE 2 C	PX	-0.02	-0.02	0	0
104	PLATE 1 C	PX	-0.02	-0.02	0	0
105	MP GAMMA4	PX	-0.01	-0.01	0	0
106	MP GAMMA3	PX	-0.01	-0.01	0	0
107	MP GAMMA2	PX	-0.01	-0.01	0	0
108	MP GAMMA5	PX	-0.01	-0.01	0	0
109	KICKER4 C	PX	-0.007	-0.007	0	0
110	KICKER3 C	PX	-0.007	-0.007	0	0
111	KICKER2 C	PX	-0.007	-0.007	0	0
112	KICKER1 C	PX	-0.007	-0.007	0	0
113	FACE2 C	PX	-0.004	-0.004	0	0
114	FACE1 C	PX	-0.004	-0.004	0	0
115	FACE PL4 C	PX	-0.001	-0.001	0	0
116	FACE PL3 C	PX	-0.001	-0.001	0	0
117	FACE PL2 C	PX	-0.001	-0.001	0	0
118	FACE PL1 C	PX	-0.001	-0.001	0	0
119	DIAG2 C	PX	-0.002	-0.002	0	0
120	DIAG1 C	PX	-0.002	-0.002	0	0
121	BACK2 C	PX	-0.002	-0.002	0	0
122	BACK1 C	PX	-0.002	-0.002	0	0
123	BACK PIPE 1 C	PX	-0.007	-0.007	0	0
124	MCFACE	PX	-0.005	-0.005	0	0
125	MCSTAB1	PX	-0.009	-0.009	0	0
126	MCSTAB2	PX	-0.009	-0.009	0	0
127	MCSTAB3	PX	-0.009	-0.009	0	0
128	MCSTAB4	PX	-0.009	-0.009	0	0
129	MCTIEBACK	PX	-0.007	-0.007	0	0
130	VERT4	PX	-0.000966	-0.000966	0	0
131	VERT3	PX	-0.000966	-0.000966	0	0
132	VERT2	PX	-0.000966	-0.000966	0	0
133	VERT1	PX	-0.000966	-0.000966	0	0
134	TIEBACK2	PX	-0.002	-0.002	0	0
135	TIEBACK1	PX	-0.002	-0.002	0	0
136	PLATE12	PX	-0.000859	-0.000859	0	0
137	PLATE 11	PX	-0.000859	-0.000859	0	0
138	PLATE 10	PX	-0.000859	-0.000859	0	0
139	PLATE 9	PX	-0.000859	-0.000859	0	0
140	PLATE 8	PX	-0.000859	-0.000859	0	0
141	PLATE 7	PX	-0.000859	-0.000859	0	0
142	PLATE 6	PX	-0.000859	-0.000859	0	0
143	PLATE 5	PX	-0.000859	-0.000859	0	0
144	PLATE 4	PX	-0.000859	-0.000859	0	0
145	PLATE 3	PX	-0.000859	-0.000859	0	0
146	PLATE 2	PX	-0.000859	-0.000859	0	0
147	PLATE 1	PX	-0.000859	-0.000859	0	0
148	MP ALPHA4	PX	-0.005	-0.005	0	0
149	MP ALPHA3	PX	-0.005	-0.005	0	0
150	MP ALPHA2	PX	-0.005	-0.005	0	0



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

Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
151	MP ALPHA5	PX	-0.005	-0.005	0 0
152	KICKER4	PX	-0.001	-0.001	0 0
153	KICKER3	PX	-0.001	-0.001	0 0
154	KICKER2	PX	-0.001	-0.001	0 0
155	KICKER1	PX	-0.001	-0.001	0 0
156	FACE2	PX	-0.003	-0.003	0 0
157	FACE1	PX	-0.003	-0.003	0 0
158	FACE PL4	PX	-0.000644	-0.000644	0 0
159	FACE PL3	PX	-0.000644	-0.000644	0 0
160	FACE PL2	PX	-0.000644	-0.000644	0 0
161	FACE PL1	PX	-0.000644	-0.000644	0 0
162	DIAG2	PX	-0.000483	-0.000483	0 0
163	DIAG1	PX	-0.000483	-0.000483	0 0
164	BACK2	PX	-0.000859	-0.000859	0 0
165	BACK1	PX	-0.000859	-0.000859	0 0
166	BACK PIPE1	PX	-0.003	-0.003	0 0
167	MAFACE	PX	-0.005	-0.005	0 0
168	MASTAB1	PX	-0.004	-0.004	0 0
169	MASTAB2	PX	-0.004	-0.004	0 0
170	MASTAB3	PX	-0.004	-0.004	0 0
171	MASTAB4	PX	-0.004	-0.004	0 0
172	MATIEBACK	PX	-0.002	-0.002	0 0
173	VERT4 B	PX	-0.000966	-0.000966	0 0
174	VERT3 B	PX	-0.000966	-0.000966	0 0
175	VERT2 B	PX	-0.000966	-0.000966	0 0
176	VERT1 B	PX	-0.000966	-0.000966	0 0
177	TIEBACK2 B	PX	-0.002	-0.002	0 0
178	TIEBACK1 B	PX	-0.002	-0.002	0 0
179	PLATE12 B	PX	-0.000859	-0.000859	0 0
180	PLATE 11 B	PX	-0.000859	-0.000859	0 0
181	PLATE 10 B	PX	-0.000859	-0.000859	0 0
182	PLATE 9 B	PX	-0.000859	-0.000859	0 0
183	PLATE 8 B	PX	-0.000859	-0.000859	0 0
184	PLATE 7 B	PX	-0.000859	-0.000859	0 0
185	PLATE 6 B	PX	-0.000859	-0.000859	0 0
186	PLATE 5 B	PX	-0.000859	-0.000859	0 0
187	PLATE 4 B	PX	-0.000859	-0.000859	0 0
188	PLATE 3 B	PX	-0.000859	-0.000859	0 0
189	PLATE 2 B	PX	-0.000859	-0.000859	0 0
190	PLATE 1 B	PX	-0.000859	-0.000859	0 0
191	MP BETA4	PX	-0.005	-0.005	0 0
192	MP BETA3	PX	-0.005	-0.005	0 0
193	MP BETA2	PX	-0.005	-0.005	0 0
194	MP BETA5	PX	-0.005	-0.005	0 0
195	KICKER4 B	PX	-0.001	-0.001	0 0
196	KICKER3 B	PX	-0.001	-0.001	0 0
197	KICKER2 B	PX	-0.001	-0.001	0 0
198	KICKER1 B	PX	-0.001	-0.001	0 0
199	FACE2 B	PX	-0.003	-0.003	0 0
200	FACE1 B	PX	-0.003	-0.003	0 0
201	FACE PL4 B	PX	-0.000644	-0.000644	0 0
202	FACE PL3 B	PX	-0.000644	-0.000644	0 0
203	FACE PL2 B	PX	-0.000644	-0.000644	0 0
204	FACE PL1 B	PX	-0.000644	-0.000644	0 0
205	DIAG2 B	PX	-0.000483	-0.000483	0 0
206	DIAG1 B	PX	-0.000483	-0.000483	0 0
207	BACK2 B	PX	-0.000859	-0.000859	0 0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
208	BACK1 B	PX	-0.00859	-0.00859	0	0
209	BACK PIPE1 B	PX	-0.003	-0.003	0	0
210	MBFACE	PX	-0.005	-0.005	0	0
211	MBSTAB1	PX	-0.004	-0.004	0	0
212	MBSTAB2	PX	-0.004	-0.004	0	0
213	MBSTAB3	PX	-0.004	-0.004	0	0
214	MBSTAB4	PX	-0.004	-0.004	0	0
215	MBTIEBACK	PX	-0.002	-0.002	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
1	VERT4	PY	.002	.002	0	0
2	VERT3	PY	.002	.002	0	0
3	VERT2	PY	.002	.002	0	0
4	VERT1	PY	.002	.002	0	0
5	TIEBACK2	PY	.003	.003	0	0
6	TIEBACK1	PY	.003	.003	0	0
7	PLATE12	PY	.002	.002	0	0
8	PLATE 11	PY	.002	.002	0	0
9	PLATE 10	PY	.002	.002	0	0
10	PLATE 9	PY	.002	.002	0	0
11	PLATE 8	PY	.002	.002	0	0
12	PLATE 7	PY	.002	.002	0	0
13	PLATE 6	PY	.002	.002	0	0
14	PLATE 5	PY	.002	.002	0	0
15	PLATE 4	PY	.002	.002	0	0
16	PLATE 3	PY	.002	.002	0	0
17	PLATE 2	PY	.002	.002	0	0
18	PLATE 1	PY	.002	.002	0	0
19	MP ALPHA4	PY	.01	.01	0	0
20	MP ALPHA3	PY	.01	.01	0	0
21	MP ALPHA2	PY	.01	.01	0	0
22	MP ALPHA5	PY	.01	.01	0	0
23	KICKER4	PY	.003	.003	0	0
24	KICKER3	PY	.003	.003	0	0
25	KICKER2	PY	.003	.003	0	0
26	KICKER1	PY	.003	.003	0	0
27	FACE2	PY	.006	.006	0	0
28	FACE1	PY	.006	.006	0	0
29	FACE PL4	PY	.001	.001	0	0
30	FACE PL3	PY	.001	.001	0	0
31	FACE PL2	PY	.001	.001	0	0
32	FACE PL1	PY	.001	.001	0	0
33	DIAG2	PY	.000966	.000966	0	0
34	DIAG1	PY	.000966	.000966	0	0
35	BACK2	PY	.002	.002	0	0
36	BACK1	PY	.002	.002	0	0
37	BACK PIPE1	PY	.006	.006	0	0
38	MAFACE	PY	.009	.009	0	0
39	MASTAB1	PY	.009	.009	0	0
40	MASTAB2	PY	.009	.009	0	0
41	MASTAB3	PY	.009	.009	0	0
42	MASTAB4	PY	.009	.009	0	0
43	MATIEBACK	PY	.003	.003	0	0
44	VERT4 B	PY	.000966	.000966	0	0
45	VERT3 B	PY	.000966	.000966	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
46	VERT2 B	PY	.000966	.000966	0	0
47	VERT1 B	PY	.000966	.000966	0	0
48	TIEBACK2 B	PY	.002	.002	0	0
49	TIEBACK1 B	PY	.002	.002	0	0
50	PLATE12 B	PY	.000859	.000859	0	0
51	PLATE 11 B	PY	.000859	.000859	0	0
52	PLATE 10 B	PY	.000859	.000859	0	0
53	PLATE 9 B	PY	.000859	.000859	0	0
54	PLATE 8 B	PY	.000859	.000859	0	0
55	PLATE 7 B	PY	.000859	.000859	0	0
56	PLATE 6 B	PY	.000859	.000859	0	0
57	PLATE 5 B	PY	.000859	.000859	0	0
58	PLATE 4 B	PY	.000859	.000859	0	0
59	PLATE 3 B	PY	.000859	.000859	0	0
60	PLATE 2 B	PY	.000859	.000859	0	0
61	PLATE 1 B	PY	.000859	.000859	0	0
62	MP BETA4	PY	.005	.005	0	0
63	MP BETA3	PY	.005	.005	0	0
64	MP BETA2	PY	.005	.005	0	0
65	MP BETA5	PY	.005	.005	0	0
66	KICKER4 B	PY	.001	.001	0	0
67	KICKER3 B	PY	.001	.001	0	0
68	KICKER2 B	PY	.001	.001	0	0
69	KICKER1 B	PY	.001	.001	0	0
70	FACE2 B	PY	.003	.003	0	0
71	FACE1 B	PY	.003	.003	0	0
72	FACE PL4 B	PY	.000644	.000644	0	0
73	FACE PL3 B	PY	.000644	.000644	0	0
74	FACE PL2 B	PY	.000644	.000644	0	0
75	FACE PL1 B	PY	.000644	.000644	0	0
76	DIAG2 B	PY	.000483	.000483	0	0
77	DIAG1 B	PY	.000483	.000483	0	0
78	BACK2 B	PY	.000859	.000859	0	0
79	BACK1 B	PY	.000859	.000859	0	0
80	BACK PIPE1 B	PY	.003	.003	0	0
81	MBFACE	PY	.005	.005	0	0
82	MBSTAB1	PY	.004	.004	0	0
83	MBSTAB2	PY	.004	.004	0	0
84	MBSTAB3	PY	.004	.004	0	0
85	MBSTAB4	PY	.004	.004	0	0
86	MBTIEBACK	PY	.002	.002	0	0
87	VERT4 C	PY	.000966	.000966	0	0
88	VERT3 C	PY	.000966	.000966	0	0
89	VERT2 C	PY	.000966	.000966	0	0
90	VERT1 C	PY	.000966	.000966	0	0
91	TIEBACK2 C	PY	.002	.002	0	0
92	TIEBACK1 C	PY	.002	.002	0	0
93	PLATE12 C	PY	.000859	.000859	0	0
94	PLATE 11 C	PY	.000859	.000859	0	0
95	PLATE 10 C	PY	.000859	.000859	0	0
96	PLATE 9 C	PY	.000859	.000859	0	0
97	PLATE 8 C	PY	.000859	.000859	0	0
98	PLATE 7 C	PY	.000859	.000859	0	0
99	PLATE 6 C	PY	.000859	.000859	0	0
100	PLATE 5 C	PY	.000859	.000859	0	0
101	PLATE 4 C	PY	.000859	.000859	0	0
102	PLATE 3 C	PY	.000859	.000859	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
103	PLATE 2 C	PY	.000859	.000859	0	0
104	PLATE 1 C	PY	.000859	.000859	0	0
105	MP GAMMA4	PY	.005	.005	0	0
106	MP GAMMA3	PY	.005	.005	0	0
107	MP GAMMA2	PY	.005	.005	0	0
108	MP GAMMA5	PY	.005	.005	0	0
109	KICKER4 C	PY	.001	.001	0	0
110	KICKER3 C	PY	.001	.001	0	0
111	KICKER2 C	PY	.001	.001	0	0
112	KICKER1 C	PY	.001	.001	0	0
113	FACE2 C	PY	.003	.003	0	0
114	FACE1 C	PY	.003	.003	0	0
115	FACE PL4 C	PY	.000644	.000644	0	0
116	FACE PL3 C	PY	.000644	.000644	0	0
117	FACE PL2 C	PY	.000644	.000644	0	0
118	FACE PL1 C	PY	.000644	.000644	0	0
119	DIAG2 C	PY	.000483	.000483	0	0
120	DIAG1 C	PY	.000483	.000483	0	0
121	BACK2 C	PY	.000859	.000859	0	0
122	BACK1 C	PY	.000859	.000859	0	0
123	BACK PIPE1 C	PY	.003	.003	0	0
124	MCFACE	PY	.005	.005	0	0
125	MCSTAB1	PY	.004	.004	0	0
126	MCSTAB2	PY	.004	.004	0	0
127	MCSTAB3	PY	.004	.004	0	0
128	MCSTAB4	PY	.004	.004	0	0
129	MCTIEBACK	PY	.002	.002	0	0
130	VERT4 B	PX	-.002	-.002	0	0
131	VERT3 B	PX	-.002	-.002	0	0
132	VERT2 B	PX	-.002	-.002	0	0
133	VERT1 B	PX	-.002	-.002	0	0
134	TIEBACK2 B	PX	-.003	-.003	0	0
135	TIEBACK1 B	PX	-.003	-.003	0	0
136	PLATE12 B	PX	-.001	-.001	0	0
137	PLATE 11 B	PX	-.001	-.001	0	0
138	PLATE 10 B	PX	-.001	-.001	0	0
139	PLATE 9 B	PX	-.001	-.001	0	0
140	PLATE 8 B	PX	-.001	-.001	0	0
141	PLATE 7 B	PX	-.001	-.001	0	0
142	PLATE 6 B	PX	-.001	-.001	0	0
143	PLATE 5 B	PX	-.001	-.001	0	0
144	PLATE 4 B	PX	-.001	-.001	0	0
145	PLATE 3 B	PX	-.001	-.001	0	0
146	PLATE 2 B	PX	-.001	-.001	0	0
147	PLATE 1 B	PX	-.001	-.001	0	0
148	MP BETA4	PX	-.008	-.008	0	0
149	MP BETA3	PX	-.008	-.008	0	0
150	MP BETA2	PX	-.008	-.008	0	0
151	MP BETA5	PX	-.008	-.008	0	0
152	KICKER4 B	PX	-.003	-.003	0	0
153	KICKER3 B	PX	-.003	-.003	0	0
154	KICKER2 B	PX	-.003	-.003	0	0
155	KICKER1 B	PX	-.003	-.003	0	0
156	FACE2 B	PX	-.005	-.005	0	0
157	FACE1 B	PX	-.005	-.005	0	0
158	FACE PL4 B	PX	-.001	-.001	0	0
159	FACE PL3 B	PX	-.001	-.001	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
160	FACE PL2 B	PX	-0.001	-0.001	0	0
161	FACE PL1 B	PX	-0.001	-0.001	0	0
162	DIAG2 B	PX	-0.000837	-0.000837	0	0
163	DIAG1 B	PX	-0.000837	-0.000837	0	0
164	BACK2 B	PX	-0.001	-0.001	0	0
165	BACK1 B	PX	-0.001	-0.001	0	0
166	BACK PIPE1 B	PX	-0.005	-0.005	0	0
167	MBFACE	PX	-0.008	-0.008	0	0
168	MBSTAB1	PX	-0.007	-0.007	0	0
169	MBSTAB2	PX	-0.007	-0.007	0	0
170	MBSTAB3	PX	-0.007	-0.007	0	0
171	MBSTAB4	PX	-0.007	-0.007	0	0
172	MBTIEBACK	PX	-0.003	-0.003	0	0
173	VERT4 C	PX	.002	.002	0	0
174	VERT3 C	PX	.002	.002	0	0
175	VERT2 C	PX	.002	.002	0	0
176	VERT1 C	PX	.002	.002	0	0
177	TIEBACK2 C	PX	.003	.003	0	0
178	TIEBACK1 C	PX	.003	.003	0	0
179	PLATE12 C	PX	.001	.001	0	0
180	PLATE 11 C	PX	.001	.001	0	0
181	PLATE 10 C	PX	.001	.001	0	0
182	PLATE 9 C	PX	.001	.001	0	0
183	PLATE 8 C	PX	.001	.001	0	0
184	PLATE 7 C	PX	.001	.001	0	0
185	PLATE 6 C	PX	.001	.001	0	0
186	PLATE 5 C	PX	.001	.001	0	0
187	PLATE 4 C	PX	.001	.001	0	0
188	PLATE 3 C	PX	.001	.001	0	0
189	PLATE 2 C	PX	.001	.001	0	0
190	PLATE 1 C	PX	.001	.001	0	0
191	MP GAMMA4	PX	.008	.008	0	0
192	MP GAMMA3	PX	.008	.008	0	0
193	MP GAMMA2	PX	.008	.008	0	0
194	MP GAMMA5	PX	.008	.008	0	0
195	KICKER4 C	PX	.003	.003	0	0
196	KICKER3 C	PX	.003	.003	0	0
197	KICKER2 C	PX	.003	.003	0	0
198	KICKER1 C	PX	.003	.003	0	0
199	FACE2 C	PX	.005	.005	0	0
200	FACE1 C	PX	.005	.005	0	0
201	FACE PL4 C	PX	.001	.001	0	0
202	FACE PL3 C	PX	.001	.001	0	0
203	FACE PL2 C	PX	.001	.001	0	0
204	FACE PL1 C	PX	.001	.001	0	0
205	DIAG2 C	PX	.000837	.000837	0	0
206	DIAG1 C	PX	.000837	.000837	0	0
207	BACK2 C	PX	.001	.001	0	0
208	BACK1 C	PX	.001	.001	0	0
209	BACK PIPE1 C	PX	.005	.005	0	0
210	MCFACE	PX	.008	.008	0	0
211	MCSTAB1	PX	.007	.007	0	0
212	MCSTAB2	PX	.007	.007	0	0
213	MCSTAB3	PX	.007	.007	0	0
214	MCSTAB4	PX	.007	.007	0	0
215	MCTIEBACK	PX	.003	.003	0	0



Company : POD Group
 Designer : JMM
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Member Distributed Loads (BLC 10 : Wind Load (210))

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
1	VERT4	PY	.002	.002	0	0
2	VERT3	PY	.002	.002	0	0
3	VERT2	PY	.002	.002	0	0
4	VERT1	PY	.002	.002	0	0
5	TIEBACK2	PY	.003	.003	0	0
6	TIEBACK1	PY	.003	.003	0	0
7	PLATE12	PY	.001	.001	0	0
8	PLATE 11	PY	.001	.001	0	0
9	PLATE 10	PY	.001	.001	0	0
10	PLATE 9	PY	.001	.001	0	0
11	PLATE 8	PY	.001	.001	0	0
12	PLATE 7	PY	.001	.001	0	0
13	PLATE 6	PY	.001	.001	0	0
14	PLATE 5	PY	.001	.001	0	0
15	PLATE 4	PY	.001	.001	0	0
16	PLATE 3	PY	.001	.001	0	0
17	PLATE 2	PY	.001	.001	0	0
18	PLATE 1	PY	.001	.001	0	0
19	MP ALPHA4	PY	.008	.008	0	0
20	MP ALPHA3	PY	.008	.008	0	0
21	MP ALPHA2	PY	.008	.008	0	0
22	MP ALPHA5	PY	.008	.008	0	0
23	KICKER4	PY	.003	.003	0	0
24	KICKER3	PY	.003	.003	0	0
25	KICKER2	PY	.003	.003	0	0
26	KICKER1	PY	.003	.003	0	0
27	FACE2	PY	.005	.005	0	0
28	FACE1	PY	.005	.005	0	0
29	FACE PL4	PY	.001	.001	0	0
30	FACE PL3	PY	.001	.001	0	0
31	FACE PL2	PY	.001	.001	0	0
32	FACE PL1	PY	.001	.001	0	0
33	DIAG2	PY	.000837	.000837	0	0
34	DIAG1	PY	.000837	.000837	0	0
35	BACK2	PY	.001	.001	0	0
36	BACK1	PY	.001	.001	0	0
37	BACK PIPE1	PY	.005	.005	0	0
38	MAFACE	PY	.008	.008	0	0
39	MASTAB1	PY	.007	.007	0	0
40	MASTAB2	PY	.007	.007	0	0
41	MASTAB3	PY	.007	.007	0	0
42	MASTAB4	PY	.007	.007	0	0
43	MATIEBACK	PY	.003	.003	0	0
44	VERT4 B	PX	.001	.001	0	0
45	VERT3 B	PX	.001	.001	0	0
46	VERT2 B	PX	.001	.001	0	0
47	VERT1 B	PX	.001	.001	0	0
48	TIEBACK2 B	PX	.007	.007	0	0
49	TIEBACK1 B	PX	.007	.007	0	0
50	PLATE12 B	PX	.002	.002	0	0
51	PLATE 11 B	PX	.002	.002	0	0
52	PLATE 10 B	PX	.002	.002	0	0
53	PLATE 9 B	PX	.002	.002	0	0
54	PLATE 8 B	PX	.002	.002	0	0
55	PLATE 7 B	PX	.002	.002	0	0
56	PLATE 6 B	PX	.002	.002	0	0
57	PLATE 5 B	PX	.002	.002	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
58	PLATE 4 B	PX	.002	.002	0	0
59	PLATE 3 B	PX	.002	.002	0	0
60	PLATE 2 B	PX	.002	.002	0	0
61	PLATE 1 B	PX	.002	.002	0	0
62	MP BETA4	PX	.01	.01	0	0
63	MP BETA3	PX	.01	.01	0	0
64	MP BETA2	PX	.01	.01	0	0
65	MP BETA5	PX	.01	.01	0	0
66	KICKER4 B	PX	.007	.007	0	0
67	KICKER3 B	PX	.007	.007	0	0
68	KICKER2 B	PX	.007	.007	0	0
69	KICKER1 B	PX	.007	.007	0	0
70	FACE2 B	PX	.004	.004	0	0
71	FACE1 B	PX	.004	.004	0	0
72	FACE PL4 B	PX	.001	.001	0	0
73	FACE PL3 B	PX	.001	.001	0	0
74	FACE PL2 B	PX	.001	.001	0	0
75	FACE PL1 B	PX	.001	.001	0	0
76	DIAG2 B	PX	.002	.002	0	0
77	DIAG1 B	PX	.002	.002	0	0
78	BACK2 B	PX	.002	.002	0	0
79	BACK1 B	PX	.002	.002	0	0
80	BACK PIPE1 B	PX	.007	.007	0	0
81	MBFACE	PX	.005	.005	0	0
82	MBSTAB1	PX	.009	.009	0	0
83	MBSTAB2	PX	.009	.009	0	0
84	MBSTAB3	PX	.009	.009	0	0
85	MBSTAB4	PX	.009	.009	0	0
86	MBTIEBACK	PX	.007	.007	0	0
87	VERT4 C	PY	.002	.002	0	0
88	VERT3 C	PY	.002	.002	0	0
89	VERT2 C	PY	.002	.002	0	0
90	VERT1 C	PY	.002	.002	0	0
91	TIEBACK2 C	PY	.003	.003	0	0
92	TIEBACK1 C	PY	.003	.003	0	0
93	PLATE12 C	PY	.001	.001	0	0
94	PLATE 11 C	PY	.001	.001	0	0
95	PLATE 10 C	PY	.001	.001	0	0
96	PLATE 9 C	PY	.001	.001	0	0
97	PLATE 8 C	PY	.001	.001	0	0
98	PLATE 7 C	PY	.001	.001	0	0
99	PLATE 6 C	PY	.001	.001	0	0
100	PLATE 5 C	PY	.001	.001	0	0
101	PLATE 4 C	PY	.001	.001	0	0
102	PLATE 3 C	PY	.001	.001	0	0
103	PLATE 2 C	PY	.001	.001	0	0
104	PLATE 1 C	PY	.001	.001	0	0
105	MP GAMMA4	PY	.008	.008	0	0
106	MP GAMMA3	PY	.008	.008	0	0
107	MP GAMMA2	PY	.008	.008	0	0
108	MP GAMMA5	PY	.008	.008	0	0
109	KICKER4 C	PY	.003	.003	0	0
110	KICKER3 C	PY	.003	.003	0	0
111	KICKER2 C	PY	.003	.003	0	0
112	KICKER1 C	PY	.003	.003	0	0
113	FACE2 C	PY	.005	.005	0	0
114	FACE1 C	PY	.005	.005	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
115	FACE PL4 C	PY	.001	.001	0	0
116	FACE PL3 C	PY	.001	.001	0	0
117	FACE PL2 C	PY	.001	.001	0	0
118	FACE PL1 C	PY	.001	.001	0	0
119	DIAG2 C	PY	.000837	.000837	0	0
120	DIAG1 C	PY	.000837	.000837	0	0
121	BACK2 C	PY	.001	.001	0	0
122	BACK1 C	PY	.001	.001	0	0
123	BACK PIPE1 C	PY	.005	.005	0	0
124	MCFACE	PY	.008	.008	0	0
125	MCSTAB1	PY	.007	.007	0	0
126	MCSTAB2	PY	.007	.007	0	0
127	MCSTAB3	PY	.007	.007	0	0
128	MCSTAB4	PY	.007	.007	0	0
129	MCTIEBACK	PY	.003	.003	0	0
130	VERT4	PX	.000966	.000966	0	0
131	VERT3	PX	.000966	.000966	0	0
132	VERT2	PX	.000966	.000966	0	0
133	VERT1	PX	.000966	.000966	0	0
134	TIEBACK2	PX	.002	.002	0	0
135	TIEBACK1	PX	.002	.002	0	0
136	PLATE12	PX	.000859	.000859	0	0
137	PLATE 11	PX	.000859	.000859	0	0
138	PLATE 10	PX	.000859	.000859	0	0
139	PLATE 9	PX	.000859	.000859	0	0
140	PLATE 8	PX	.000859	.000859	0	0
141	PLATE 7	PX	.000859	.000859	0	0
142	PLATE 6	PX	.000859	.000859	0	0
143	PLATE 5	PX	.000859	.000859	0	0
144	PLATE 4	PX	.000859	.000859	0	0
145	PLATE 3	PX	.000859	.000859	0	0
146	PLATE 2	PX	.000859	.000859	0	0
147	PLATE 1	PX	.000859	.000859	0	0
148	MP ALPHA4	PX	.005	.005	0	0
149	MP ALPHA3	PX	.005	.005	0	0
150	MP ALPHA2	PX	.005	.005	0	0
151	MP ALPHA5	PX	.005	.005	0	0
152	KICKER4	PX	.001	.001	0	0
153	KICKER3	PX	.001	.001	0	0
154	KICKER2	PX	.001	.001	0	0
155	KICKER1	PX	.001	.001	0	0
156	FACE2	PX	.003	.003	0	0
157	FACE1	PX	.003	.003	0	0
158	FACE PL4	PX	.000644	.000644	0	0
159	FACE PL3	PX	.000644	.000644	0	0
160	FACE PL2	PX	.000644	.000644	0	0
161	FACE PL1	PX	.000644	.000644	0	0
162	DIAG2	PX	.000483	.000483	0	0
163	DIAG1	PX	.000483	.000483	0	0
164	BACK2	PX	.000859	.000859	0	0
165	BACK1	PX	.000859	.000859	0	0
166	BACK PIPE1	PX	.003	.003	0	0
167	MAFACE	PX	.005	.005	0	0
168	MASTAB1	PX	.004	.004	0	0
169	MASTAB2	PX	.004	.004	0	0
170	MASTAB3	PX	.004	.004	0	0
171	MASTAB4	PX	.004	.004	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
172	MATIEBACK	PX	.002	.002	0	0
173	VERT4 C	PX	.000966	.000966	0	0
174	VERT3 C	PX	.000966	.000966	0	0
175	VERT2 C	PX	.000966	.000966	0	0
176	VERT1 C	PX	.000966	.000966	0	0
177	TIEBACK2 C	PX	.002	.002	0	0
178	TIEBACK1 C	PX	.002	.002	0	0
179	PLATE12 C	PX	.000859	.000859	0	0
180	PLATE 11 C	PX	.000859	.000859	0	0
181	PLATE 10 C	PX	.000859	.000859	0	0
182	PLATE 9 C	PX	.000859	.000859	0	0
183	PLATE 8 C	PX	.000859	.000859	0	0
184	PLATE 7 C	PX	.000859	.000859	0	0
185	PLATE 6 C	PX	.000859	.000859	0	0
186	PLATE 5 C	PX	.000859	.000859	0	0
187	PLATE 4 C	PX	.000859	.000859	0	0
188	PLATE 3 C	PX	.000859	.000859	0	0
189	PLATE 2 C	PX	.000859	.000859	0	0
190	PLATE 1 C	PX	.000859	.000859	0	0
191	MP GAMMA4	PX	.005	.005	0	0
192	MP GAMMA3	PX	.005	.005	0	0
193	MP GAMMA2	PX	.005	.005	0	0
194	MP GAMMA5	PX	.005	.005	0	0
195	KICKER4 C	PX	.001	.001	0	0
196	KICKER3 C	PX	.001	.001	0	0
197	KICKER2 C	PX	.001	.001	0	0
198	KICKER1 C	PX	.001	.001	0	0
199	FACE2 C	PX	.003	.003	0	0
200	FACE1 C	PX	.003	.003	0	0
201	FACE PL4 C	PX	.000644	.000644	0	0
202	FACE PL3 C	PX	.000644	.000644	0	0
203	FACE PL2 C	PX	.000644	.000644	0	0
204	FACE PL1 C	PX	.000644	.000644	0	0
205	DIAG2 C	PX	.000483	.000483	0	0
206	DIAG1 C	PX	.000483	.000483	0	0
207	BACK2 C	PX	.000859	.000859	0	0
208	BACK1 C	PX	.000859	.000859	0	0
209	BACK PIPE1 C	PX	.003	.003	0	0
210	MCFACE	PX	.005	.005	0	0
211	MCSTAB1	PX	.004	.004	0	0
212	MCSTAB2	PX	.004	.004	0	0
213	MCSTAB3	PX	.004	.004	0	0
214	MCSTAB4	PX	.004	.004	0	0
215	MCTIEBACK	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
1	VERT4	PY	.000966	.000966	0	0
2	VERT3	PY	.000966	.000966	0	0
3	VERT2	PY	.000966	.000966	0	0
4	VERT1	PY	.000966	.000966	0	0
5	TIEBACK2	PY	.002	.002	0	0
6	TIEBACK1	PY	.002	.002	0	0
7	PLATE12	PY	.000859	.000859	0	0
8	PLATE 11	PY	.000859	.000859	0	0
9	PLATE 10	PY	.000859	.000859	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
10	PLATE 9	PY	.000859	.000859	0	0
11	PLATE 8	PY	.000859	.000859	0	0
12	PLATE 7	PY	.000859	.000859	0	0
13	PLATE 6	PY	.000859	.000859	0	0
14	PLATE 5	PY	.000859	.000859	0	0
15	PLATE 4	PY	.000859	.000859	0	0
16	PLATE 3	PY	.000859	.000859	0	0
17	PLATE 2	PY	.000859	.000859	0	0
18	PLATE 1	PY	.000859	.000859	0	0
19	MP ALPHA4	PY	.005	.005	0	0
20	MP ALPHA3	PY	.005	.005	0	0
21	MP ALPHA2	PY	.005	.005	0	0
22	MP ALPHA5	PY	.005	.005	0	0
23	KICKER4	PY	.001	.001	0	0
24	KICKER3	PY	.001	.001	0	0
25	KICKER2	PY	.001	.001	0	0
26	KICKER1	PY	.001	.001	0	0
27	FACE2	PY	.003	.003	0	0
28	FACE1	PY	.003	.003	0	0
29	FACE PL4	PY	.000644	.000644	0	0
30	FACE PL3	PY	.000644	.000644	0	0
31	FACE PL2	PY	.000644	.000644	0	0
32	FACE PL1	PY	.000644	.000644	0	0
33	DIAG2	PY	.000483	.000483	0	0
34	DIAG1	PY	.000483	.000483	0	0
35	BACK2	PY	.000859	.000859	0	0
36	BACK1	PY	.000859	.000859	0	0
37	BACK PIPE1	PY	.003	.003	0	0
38	MAFACE	PY	.005	.005	0	0
39	MASTAB1	PY	.004	.004	0	0
40	MASTAB2	PY	.004	.004	0	0
41	MASTAB3	PY	.004	.004	0	0
42	MASTAB4	PY	.004	.004	0	0
43	MATIEBACK	PY	.002	.002	0	0
44	VERT4 B	PY	.000966	.000966	0	0
45	VERT3 B	PY	.000966	.000966	0	0
46	VERT2 B	PY	.000966	.000966	0	0
47	VERT1 B	PY	.000966	.000966	0	0
48	TIEBACK2 B	PY	.002	.002	0	0
49	TIEBACK1 B	PY	.002	.002	0	0
50	PLATE12 B	PY	.000859	.000859	0	0
51	PLATE 11 B	PY	.000859	.000859	0	0
52	PLATE 10 B	PY	.000859	.000859	0	0
53	PLATE 9 B	PY	.000859	.000859	0	0
54	PLATE 8 B	PY	.000859	.000859	0	0
55	PLATE 7 B	PY	.000859	.000859	0	0
56	PLATE 6 B	PY	.000859	.000859	0	0
57	PLATE 5 B	PY	.000859	.000859	0	0
58	PLATE 4 B	PY	.000859	.000859	0	0
59	PLATE 3 B	PY	.000859	.000859	0	0
60	PLATE 2 B	PY	.000859	.000859	0	0
61	PLATE 1 B	PY	.000859	.000859	0	0
62	MP BETA4	PY	.005	.005	0	0
63	MP BETA3	PY	.005	.005	0	0
64	MP BETA2	PY	.005	.005	0	0
65	MP BETA5	PY	.005	.005	0	0
66	KICKER4 B	PY	.001	.001	0	0



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

Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft.%]	End Location[ft.%]	
67	KICKER3 B	PY	.001	.001	0	0
68	KICKER2 B	PY	.001	.001	0	0
69	KICKER1 B	PY	.001	.001	0	0
70	FACE2 B	PY	.003	.003	0	0
71	FACE1 B	PY	.003	.003	0	0
72	FACE PL4 B	PY	.000644	.000644	0	0
73	FACE PL3 B	PY	.000644	.000644	0	0
74	FACE PL2 B	PY	.000644	.000644	0	0
75	FACE PL1 B	PY	.000644	.000644	0	0
76	DIAG2 B	PY	.000483	.000483	0	0
77	DIAG1 B	PY	.000483	.000483	0	0
78	BACK2 B	PY	.000859	.000859	0	0
79	BACK1 B	PY	.000859	.000859	0	0
80	BACK PIPE1 B	PY	.003	.003	0	0
81	MBFACE	PY	.005	.005	0	0
82	MBSTAB1	PY	.004	.004	0	0
83	MBSTAB2	PY	.004	.004	0	0
84	MBSTAB3	PY	.004	.004	0	0
85	MBSTAB4	PY	.004	.004	0	0
86	MBTIEBACK	PY	.002	.002	0	0
87	VERT4 C	PY	.002	.002	0	0
88	VERT3 C	PY	.002	.002	0	0
89	VERT2 C	PY	.002	.002	0	0
90	VERT1 C	PY	.002	.002	0	0
91	TIEBACK2 C	PY	.003	.003	0	0
92	TIEBACK1 C	PY	.003	.003	0	0
93	PLATE12 C	PY	.002	.002	0	0
94	PLATE 11 C	PY	.002	.002	0	0
95	PLATE 10 C	PY	.002	.002	0	0
96	PLATE 9 C	PY	.002	.002	0	0
97	PLATE 8 C	PY	.002	.002	0	0
98	PLATE 7 C	PY	.002	.002	0	0
99	PLATE 6 C	PY	.002	.002	0	0
100	PLATE 5 C	PY	.002	.002	0	0
101	PLATE 4 C	PY	.002	.002	0	0
102	PLATE 3 C	PY	.002	.002	0	0
103	PLATE 2 C	PY	.002	.002	0	0
104	PLATE 1 C	PY	.002	.002	0	0
105	MP GAMMA4	PY	.01	.01	0	0
106	MP GAMMA3	PY	.01	.01	0	0
107	MP GAMMA2	PY	.01	.01	0	0
108	MP GAMMA5	PY	.01	.01	0	0
109	KICKER4 C	PY	.003	.003	0	0
110	KICKER3 C	PY	.003	.003	0	0
111	KICKER2 C	PY	.003	.003	0	0
112	KICKER1 C	PY	.003	.003	0	0
113	FACE2 C	PY	.006	.006	0	0
114	FACE1 C	PY	.006	.006	0	0
115	FACE PL4 C	PY	.001	.001	0	0
116	FACE PL3 C	PY	.001	.001	0	0
117	FACE PL2 C	PY	.001	.001	0	0
118	FACE PL1 C	PY	.001	.001	0	0
119	DIAG2 C	PY	.000966	.000966	0	0
120	DIAG1 C	PY	.000966	.000966	0	0
121	BACK2 C	PY	.002	.002	0	0
122	BACK1 C	PY	.002	.002	0	0
123	BACK PIPE1 C	PY	.006	.006	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
124	MCFACE	PY	.009	.009	0	0
125	MCSTAB1	PY	.009	.009	0	0
126	MCSTAB2	PY	.009	.009	0	0
127	MCSTAB3	PY	.009	.009	0	0
128	MCSTAB4	PY	.009	.009	0	0
129	MCTIEBACK	PY	.003	.003	0	0
130	VERT4	PX	.002	.002	0	0
131	VERT3	PX	.002	.002	0	0
132	VERT2	PX	.002	.002	0	0
133	VERT1	PX	.002	.002	0	0
134	TIEBACK2	PX	.003	.003	0	0
135	TIEBACK1	PX	.003	.003	0	0
136	PLATE12	PX	.001	.001	0	0
137	PLATE 11	PX	.001	.001	0	0
138	PLATE 10	PX	.001	.001	0	0
139	PLATE 9	PX	.001	.001	0	0
140	PLATE 8	PX	.001	.001	0	0
141	PLATE 7	PX	.001	.001	0	0
142	PLATE 6	PX	.001	.001	0	0
143	PLATE 5	PX	.001	.001	0	0
144	PLATE 4	PX	.001	.001	0	0
145	PLATE 3	PX	.001	.001	0	0
146	PLATE 2	PX	.001	.001	0	0
147	PLATE 1	PX	.001	.001	0	0
148	MP ALPHA4	PX	.008	.008	0	0
149	MP ALPHA3	PX	.008	.008	0	0
150	MP ALPHA2	PX	.008	.008	0	0
151	MP ALPHA5	PX	.008	.008	0	0
152	KICKER4	PX	.003	.003	0	0
153	KICKER3	PX	.003	.003	0	0
154	KICKER2	PX	.003	.003	0	0
155	KICKER1	PX	.003	.003	0	0
156	FACE2	PX	.005	.005	0	0
157	FACE1	PX	.005	.005	0	0
158	FACE PL4	PX	.001	.001	0	0
159	FACE PL3	PX	.001	.001	0	0
160	FACE PL2	PX	.001	.001	0	0
161	FACE PL1	PX	.001	.001	0	0
162	DIAG2	PX	.000837	.000837	0	0
163	DIAG1	PX	.000837	.000837	0	0
164	BACK2	PX	.001	.001	0	0
165	BACK1	PX	.001	.001	0	0
166	BACK PIPE1	PX	.005	.005	0	0
167	MAFACE	PX	.008	.008	0	0
168	MASTAB1	PX	.007	.007	0	0
169	MASTAB2	PX	.007	.007	0	0
170	MASTAB3	PX	.007	.007	0	0
171	MASTAB4	PX	.007	.007	0	0
172	MATIEBACK	PX	.003	.003	0	0
173	VERT4 B	PX	.002	.002	0	0
174	VERT3 B	PX	.002	.002	0	0
175	VERT2 B	PX	.002	.002	0	0
176	VERT1 B	PX	.002	.002	0	0
177	TIEBACK2 B	PX	.003	.003	0	0
178	TIEBACK1 B	PX	.003	.003	0	0
179	PLATE12 B	PX	.001	.001	0	0
180	PLATE 11 B	PX	.001	.001	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
181	PLATE 10 B	PX	.001	.001	0	0
182	PLATE 9 B	PX	.001	.001	0	0
183	PLATE 8 B	PX	.001	.001	0	0
184	PLATE 7 B	PX	.001	.001	0	0
185	PLATE 6 B	PX	.001	.001	0	0
186	PLATE 5 B	PX	.001	.001	0	0
187	PLATE 4 B	PX	.001	.001	0	0
188	PLATE 3 B	PX	.001	.001	0	0
189	PLATE 2 B	PX	.001	.001	0	0
190	PLATE 1 B	PX	.001	.001	0	0
191	MP BETA4	PX	.008	.008	0	0
192	MP BETA3	PX	.008	.008	0	0
193	MP BETA2	PX	.008	.008	0	0
194	MP BETA5	PX	.008	.008	0	0
195	KICKER4 B	PX	.003	.003	0	0
196	KICKER3 B	PX	.003	.003	0	0
197	KICKER2 B	PX	.003	.003	0	0
198	KICKER1 B	PX	.003	.003	0	0
199	FACE2 B	PX	.005	.005	0	0
200	FACE1 B	PX	.005	.005	0	0
201	FACE PL4 B	PX	.001	.001	0	0
202	FACE PL3 B	PX	.001	.001	0	0
203	FACE PL2 B	PX	.001	.001	0	0
204	FACE PL1 B	PX	.001	.001	0	0
205	DIAG2 B	PX	.000837	.000837	0	0
206	DIAG1 B	PX	.000837	.000837	0	0
207	BACK2 B	PX	.001	.001	0	0
208	BACK1 B	PX	.001	.001	0	0
209	BACK PIPE1 B	PX	.005	.005	0	0
210	MBFACE	PX	.008	.008	0	0
211	MBSTAB1	PX	.007	.007	0	0
212	MBSTAB2	PX	.007	.007	0	0
213	MBSTAB3	PX	.007	.007	0	0
214	MBSTAB4	PX	.007	.007	0	0
215	MBTIEBACK	PX	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PX	.001	.001	0	0
2	VERT3	PX	.001	.001	0	0
3	VERT2	PX	.001	.001	0	0
4	VERT1	PX	.001	.001	0	0
5	TIEBACK2	PX	.007	.007	0	0
6	TIEBACK1	PX	.007	.007	0	0
7	PLATE12	PX	.002	.002	0	0
8	PLATE 11	PX	.002	.002	0	0
9	PLATE 10	PX	.002	.002	0	0
10	PLATE 9	PX	.002	.002	0	0
11	PLATE 8	PX	.002	.002	0	0
12	PLATE 7	PX	.002	.002	0	0
13	PLATE 6	PX	.002	.002	0	0
14	PLATE 5	PX	.002	.002	0	0
15	PLATE 4	PX	.002	.002	0	0
16	PLATE 3	PX	.002	.002	0	0
17	PLATE 2	PX	.002	.002	0	0
18	PLATE 1	PX	.002	.002	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
19	MP ALPHA4	PX	.01	.01	0	0
20	MP ALPHA3	PX	.01	.01	0	0
21	MP ALPHA2	PX	.01	.01	0	0
22	MP ALPHA5	PX	.01	.01	0	0
23	KICKER4	PX	.007	.007	0	0
24	KICKER3	PX	.007	.007	0	0
25	KICKER2	PX	.007	.007	0	0
26	KICKER1	PX	.007	.007	0	0
27	FACE2	PX	.004	.004	0	0
28	FACE1	PX	.004	.004	0	0
29	FACE PL4	PX	.001	.001	0	0
30	FACE PL3	PX	.001	.001	0	0
31	FACE PL2	PX	.001	.001	0	0
32	FACE PL1	PX	.001	.001	0	0
33	DIAG2	PX	.002	.002	0	0
34	DIAG1	PX	.002	.002	0	0
35	BACK2	PX	.002	.002	0	0
36	BACK1	PX	.002	.002	0	0
37	BACK PIPE1	PX	.007	.007	0	0
38	MAFACE	PX	.005	.005	0	0
39	MASTAB1	PX	.009	.009	0	0
40	MASTAB2	PX	.009	.009	0	0
41	MASTAB3	PX	.009	.009	0	0
42	MASTAB4	PX	.009	.009	0	0
43	MATIEBACK	PX	.007	.007	0	0
44	VERT4 B	PY	-.002	-.002	0	0
45	VERT3 B	PY	-.002	-.002	0	0
46	VERT2 B	PY	-.002	-.002	0	0
47	VERT1 B	PY	-.002	-.002	0	0
48	TIEBACK2 B	PY	-.003	-.003	0	0
49	TIEBACK1 B	PY	-.003	-.003	0	0
50	PLATE12 B	PY	-.001	-.001	0	0
51	PLATE 11 B	PY	-.001	-.001	0	0
52	PLATE 10 B	PY	-.001	-.001	0	0
53	PLATE 9 B	PY	-.001	-.001	0	0
54	PLATE 8 B	PY	-.001	-.001	0	0
55	PLATE 7 B	PY	-.001	-.001	0	0
56	PLATE 6 B	PY	-.001	-.001	0	0
57	PLATE 5 B	PY	-.001	-.001	0	0
58	PLATE 4 B	PY	-.001	-.001	0	0
59	PLATE 3 B	PY	-.001	-.001	0	0
60	PLATE 2 B	PY	-.001	-.001	0	0
61	PLATE 1 B	PY	-.001	-.001	0	0
62	MP BETA4	PY	-.008	-.008	0	0
63	MP BETA3	PY	-.008	-.008	0	0
64	MP BETA2	PY	-.008	-.008	0	0
65	MP BETA5	PY	-.008	-.008	0	0
66	KICKER4 B	PY	-.003	-.003	0	0
67	KICKER3 B	PY	-.003	-.003	0	0
68	KICKER2 B	PY	-.003	-.003	0	0
69	KICKER1 B	PY	-.003	-.003	0	0
70	FACE2 B	PY	-.005	-.005	0	0
71	FACE1 B	PY	-.005	-.005	0	0
72	FACE PL4 B	PY	-.001	-.001	0	0
73	FACE PL3 B	PY	-.001	-.001	0	0
74	FACE PL2 B	PY	-.001	-.001	0	0
75	FACE PL1 B	PY	-.001	-.001	0	0



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

Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
76	DIAG2 B	PY	-.000837	-.000837	0 0
77	DIAG1 B	PY	-.000837	-.000837	0 0
78	BACK2 B	PY	-.001	-.001	0 0
79	BACK1 B	PY	-.001	-.001	0 0
80	BACK PIPE1 B	PY	-.005	-.005	0 0
81	MBFACE	PY	-.008	-.008	0 0
82	MBSTAB1	PY	-.007	-.007	0 0
83	MBSTAB2	PY	-.007	-.007	0 0
84	MBSTAB3	PY	-.007	-.007	0 0
85	MBSTAB4	PY	-.007	-.007	0 0
86	MBTIEBACK	PY	-.003	-.003	0 0
87	VERT4 C	PY	.002	.002	0 0
88	VERT3 C	PY	.002	.002	0 0
89	VERT2 C	PY	.002	.002	0 0
90	VERT1 C	PY	.002	.002	0 0
91	TIEBACK2 C	PY	.003	.003	0 0
92	TIEBACK1 C	PY	.003	.003	0 0
93	PLATE12 C	PY	.001	.001	0 0
94	PLATE 11 C	PY	.001	.001	0 0
95	PLATE 10 C	PY	.001	.001	0 0
96	PLATE 9 C	PY	.001	.001	0 0
97	PLATE 8 C	PY	.001	.001	0 0
98	PLATE 7 C	PY	.001	.001	0 0
99	PLATE 6 C	PY	.001	.001	0 0
100	PLATE 5 C	PY	.001	.001	0 0
101	PLATE 4 C	PY	.001	.001	0 0
102	PLATE 3 C	PY	.001	.001	0 0
103	PLATE 2 C	PY	.001	.001	0 0
104	PLATE 1 C	PY	.001	.001	0 0
105	MP GAMMA4	PY	.008	.008	0 0
106	MP GAMMA3	PY	.008	.008	0 0
107	MP GAMMA2	PY	.008	.008	0 0
108	MP GAMMA5	PY	.008	.008	0 0
109	KICKER4 C	PY	.003	.003	0 0
110	KICKER3 C	PY	.003	.003	0 0
111	KICKER2 C	PY	.003	.003	0 0
112	KICKER1 C	PY	.003	.003	0 0
113	FACE2 C	PY	.005	.005	0 0
114	FACE1 C	PY	.005	.005	0 0
115	FACE PL4 C	PY	.001	.001	0 0
116	FACE PL3 C	PY	.001	.001	0 0
117	FACE PL2 C	PY	.001	.001	0 0
118	FACE PL1 C	PY	.001	.001	0 0
119	DIAG2 C	PY	.000837	.000837	0 0
120	DIAG1 C	PY	.000837	.000837	0 0
121	BACK2 C	PY	.001	.001	0 0
122	BACK1 C	PY	.001	.001	0 0
123	BACK PIPE1 C	PY	.005	.005	0 0
124	MCFACE	PY	.008	.008	0 0
125	MCSTAB1	PY	.007	.007	0 0
126	MCSTAB2	PY	.007	.007	0 0
127	MCSTAB3	PY	.007	.007	0 0
128	MCSTAB4	PY	.007	.007	0 0
129	MCTIEBACK	PY	.003	.003	0 0
130	VERT4 B	PX	.000966	.000966	0 0
131	VERT3 B	PX	.000966	.000966	0 0
132	VERT2 B	PX	.000966	.000966	0 0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
133	VERT1 B	PX	.000966	.000966	0	0
134	TIEBACK2 B	PX	.002	.002	0	0
135	TIEBACK1 B	PX	.002	.002	0	0
136	PLATE12 B	PX	.000859	.000859	0	0
137	PLATE 11 B	PX	.000859	.000859	0	0
138	PLATE 10 B	PX	.000859	.000859	0	0
139	PLATE 9 B	PX	.000859	.000859	0	0
140	PLATE 8 B	PX	.000859	.000859	0	0
141	PLATE 7 B	PX	.000859	.000859	0	0
142	PLATE 6 B	PX	.000859	.000859	0	0
143	PLATE 5 B	PX	.000859	.000859	0	0
144	PLATE 4 B	PX	.000859	.000859	0	0
145	PLATE 3 B	PX	.000859	.000859	0	0
146	PLATE 2 B	PX	.000859	.000859	0	0
147	PLATE 1 B	PX	.000859	.000859	0	0
148	MP BETA4	PX	.005	.005	0	0
149	MP BETA3	PX	.005	.005	0	0
150	MP BETA2	PX	.005	.005	0	0
151	MP BETA5	PX	.005	.005	0	0
152	KICKER4 B	PX	.001	.001	0	0
153	KICKER3 B	PX	.001	.001	0	0
154	KICKER2 B	PX	.001	.001	0	0
155	KICKER1 B	PX	.001	.001	0	0
156	FACE2 B	PX	.003	.003	0	0
157	FACE1 B	PX	.003	.003	0	0
158	FACE PL4 B	PX	.000644	.000644	0	0
159	FACE PL3 B	PX	.000644	.000644	0	0
160	FACE PL2 B	PX	.000644	.000644	0	0
161	FACE PL1 B	PX	.000644	.000644	0	0
162	DIAG2 B	PX	.000483	.000483	0	0
163	DIAG1 B	PX	.000483	.000483	0	0
164	BACK2 B	PX	.000859	.000859	0	0
165	BACK1 B	PX	.000859	.000859	0	0
166	BACK PIPE1 B	PX	.003	.003	0	0
167	MBFACE	PX	.005	.005	0	0
168	MBSTAB1	PX	.004	.004	0	0
169	MBSTAB2	PX	.004	.004	0	0
170	MBSTAB3	PX	.004	.004	0	0
171	MBSTAB4	PX	.004	.004	0	0
172	MBTIEBACK	PX	.002	.002	0	0
173	VERT4 C	PX	.000966	.000966	0	0
174	VERT3 C	PX	.000966	.000966	0	0
175	VERT2 C	PX	.000966	.000966	0	0
176	VERT1 C	PX	.000966	.000966	0	0
177	TIEBACK2 C	PX	.002	.002	0	0
178	TIEBACK1 C	PX	.002	.002	0	0
179	PLATE12 C	PX	.000859	.000859	0	0
180	PLATE 11 C	PX	.000859	.000859	0	0
181	PLATE 10 C	PX	.000859	.000859	0	0
182	PLATE 9 C	PX	.000859	.000859	0	0
183	PLATE 8 C	PX	.000859	.000859	0	0
184	PLATE 7 C	PX	.000859	.000859	0	0
185	PLATE 6 C	PX	.000859	.000859	0	0
186	PLATE 5 C	PX	.000859	.000859	0	0
187	PLATE 4 C	PX	.000859	.000859	0	0
188	PLATE 3 C	PX	.000859	.000859	0	0
189	PLATE 2 C	PX	.000859	.000859	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
190	PLATE 1 C	PX	.000859	.000859	0	0
191	MP GAMMA4	PX	.005	.005	0	0
192	MP GAMMA3	PX	.005	.005	0	0
193	MP GAMMA2	PX	.005	.005	0	0
194	MP GAMMA5	PX	.005	.005	0	0
195	KICKER4 C	PX	.001	.001	0	0
196	KICKER3 C	PX	.001	.001	0	0
197	KICKER2 C	PX	.001	.001	0	0
198	KICKER1 C	PX	.001	.001	0	0
199	FACE2 C	PX	.003	.003	0	0
200	FACE1 C	PX	.003	.003	0	0
201	FACE PL4 C	PX	.000644	.000644	0	0
202	FACE PL3 C	PX	.000644	.000644	0	0
203	FACE PL2 C	PX	.000644	.000644	0	0
204	FACE PL1 C	PX	.000644	.000644	0	0
205	DIAG2 C	PX	.000483	.000483	0	0
206	DIAG1 C	PX	.000483	.000483	0	0
207	BACK2 C	PX	.000859	.000859	0	0
208	BACK1 C	PX	.000859	.000859	0	0
209	BACK PIPE1 C	PX	.003	.003	0	0
210	MCFACE	PX	.005	.005	0	0
211	MCSTAB1	PX	.004	.004	0	0
212	MCSTAB2	PX	.004	.004	0	0
213	MCSTAB3	PX	.004	.004	0	0
214	MCSTAB4	PX	.004	.004	0	0
215	MCTIEBACK	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	VERT4	PY	-.000966	-.000966	0	0
2	VERT3	PY	-.000966	-.000966	0	0
3	VERT2	PY	-.000966	-.000966	0	0
4	VERT1	PY	-.000966	-.000966	0	0
5	TIEBACK2	PY	-.002	-.002	0	0
6	TIEBACK1	PY	-.002	-.002	0	0
7	PLATE12	PY	-.000859	-.000859	0	0
8	PLATE 11	PY	-.000859	-.000859	0	0
9	PLATE 10	PY	-.000859	-.000859	0	0
10	PLATE 9	PY	-.000859	-.000859	0	0
11	PLATE 8	PY	-.000859	-.000859	0	0
12	PLATE 7	PY	-.000859	-.000859	0	0
13	PLATE 6	PY	-.000859	-.000859	0	0
14	PLATE 5	PY	-.000859	-.000859	0	0
15	PLATE 4	PY	-.000859	-.000859	0	0
16	PLATE 3	PY	-.000859	-.000859	0	0
17	PLATE 2	PY	-.000859	-.000859	0	0
18	PLATE 1	PY	-.000859	-.000859	0	0
19	MP ALPHA4	PY	-.005	-.005	0	0
20	MP ALPHA3	PY	-.005	-.005	0	0
21	MP ALPHA2	PY	-.005	-.005	0	0
22	MP ALPHA5	PY	-.005	-.005	0	0
23	KICKER4	PY	-.001	-.001	0	0
24	KICKER3	PY	-.001	-.001	0	0
25	KICKER2	PY	-.001	-.001	0	0
26	KICKER1	PY	-.001	-.001	0	0
27	FACE2	PY	-.003	-.003	0	0



Company : POD Group
 Designer : JMM
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Member Distributed Loads (BLC 13 : Wind Load (300)) (Continued)

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
28	FACE1	PY	-0.003	-0.003	0	0
29	FACE PL4	PY	-0.000644	-0.000644	0	0
30	FACE PL3	PY	-0.000644	-0.000644	0	0
31	FACE PL2	PY	-0.000644	-0.000644	0	0
32	FACE PL1	PY	-0.000644	-0.000644	0	0
33	DIAG2	PY	-0.000483	-0.000483	0	0
34	DIAG1	PY	-0.000483	-0.000483	0	0
35	BACK2	PY	-0.000859	-0.000859	0	0
36	BACK1	PY	-0.000859	-0.000859	0	0
37	BACK PIPE1	PY	-0.003	-0.003	0	0
38	MAFACE	PY	-0.005	-0.005	0	0
39	MASTAB1	PY	-0.004	-0.004	0	0
40	MASTAB2	PY	-0.004	-0.004	0	0
41	MASTAB3	PY	-0.004	-0.004	0	0
42	MASTAB4	PY	-0.004	-0.004	0	0
43	MATIEBACK	PY	-0.002	-0.002	0	0
44	VERT4 B	PY	-0.002	-0.002	0	0
45	VERT3 B	PY	-0.002	-0.002	0	0
46	VERT2 B	PY	-0.002	-0.002	0	0
47	VERT1 B	PY	-0.002	-0.002	0	0
48	TIEBACK2 B	PY	-0.003	-0.003	0	0
49	TIEBACK1 B	PY	-0.003	-0.003	0	0
50	PLATE12 B	PY	-0.002	-0.002	0	0
51	PLATE 11 B	PY	-0.002	-0.002	0	0
52	PLATE 10 B	PY	-0.002	-0.002	0	0
53	PLATE 9 B	PY	-0.002	-0.002	0	0
54	PLATE 8 B	PY	-0.002	-0.002	0	0
55	PLATE 7 B	PY	-0.002	-0.002	0	0
56	PLATE 6 B	PY	-0.002	-0.002	0	0
57	PLATE 5 B	PY	-0.002	-0.002	0	0
58	PLATE 4 B	PY	-0.002	-0.002	0	0
59	PLATE 3 B	PY	-0.002	-0.002	0	0
60	PLATE 2 B	PY	-0.002	-0.002	0	0
61	PLATE 1 B	PY	-0.002	-0.002	0	0
62	MP BETA4	PY	-0.01	-0.01	0	0
63	MP BETA3	PY	-0.01	-0.01	0	0
64	MP BETA2	PY	-0.01	-0.01	0	0
65	MP BETA5	PY	-0.01	-0.01	0	0
66	KICKER4 B	PY	-0.003	-0.003	0	0
67	KICKER3 B	PY	-0.003	-0.003	0	0
68	KICKER2 B	PY	-0.003	-0.003	0	0
69	KICKER1 B	PY	-0.003	-0.003	0	0
70	FACE2 B	PY	-0.006	-0.006	0	0
71	FACE1 B	PY	-0.006	-0.006	0	0
72	FACE PL4 B	PY	-0.001	-0.001	0	0
73	FACE PL3 B	PY	-0.001	-0.001	0	0
74	FACE PL2 B	PY	-0.001	-0.001	0	0
75	FACE PL1 B	PY	-0.001	-0.001	0	0
76	DIAG2 B	PY	-0.000966	-0.000966	0	0
77	DIAG1 B	PY	-0.000966	-0.000966	0	0
78	BACK2 B	PY	-0.002	-0.002	0	0
79	BACK1 B	PY	-0.002	-0.002	0	0
80	BACK PIPE1 B	PY	-0.006	-0.006	0	0
81	MBFACE	PY	-0.009	-0.009	0	0
82	MBSTAB1	PY	-0.009	-0.009	0	0
83	MBSTAB2	PY	-0.009	-0.009	0	0
84	MBSTAB3	PY	-0.009	-0.009	0	0



Company : POD Group
 Designer : JMM
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Member Distributed Loads (BLC 13 : Wind Load (300)) (Continued)

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
85	MBSTAB4	PY	-0.009	-0.009	0	0
86	MBTIEBACK	PY	-0.003	-0.003	0	0
87	VERT4 C	PY	-0.000966	-0.000966	0	0
88	VERT3 C	PY	-0.000966	-0.000966	0	0
89	VERT2 C	PY	-0.000966	-0.000966	0	0
90	VERT1 C	PY	-0.000966	-0.000966	0	0
91	TIEBACK2 C	PY	-0.002	-0.002	0	0
92	TIEBACK1 C	PY	-0.002	-0.002	0	0
93	PLATE12 C	PY	-0.000859	-0.000859	0	0
94	PLATE 11 C	PY	-0.000859	-0.000859	0	0
95	PLATE 10 C	PY	-0.000859	-0.000859	0	0
96	PLATE 9 C	PY	-0.000859	-0.000859	0	0
97	PLATE 8 C	PY	-0.000859	-0.000859	0	0
98	PLATE 7 C	PY	-0.000859	-0.000859	0	0
99	PLATE 6 C	PY	-0.000859	-0.000859	0	0
100	PLATE 5 C	PY	-0.000859	-0.000859	0	0
101	PLATE 4 C	PY	-0.000859	-0.000859	0	0
102	PLATE 3 C	PY	-0.000859	-0.000859	0	0
103	PLATE 2 C	PY	-0.000859	-0.000859	0	0
104	PLATE 1 C	PY	-0.000859	-0.000859	0	0
105	MP GAMMA4	PY	-0.005	-0.005	0	0
106	MP GAMMA3	PY	-0.005	-0.005	0	0
107	MP GAMMA2	PY	-0.005	-0.005	0	0
108	MP GAMMA5	PY	-0.005	-0.005	0	0
109	KICKER4 C	PY	-0.001	-0.001	0	0
110	KICKER3 C	PY	-0.001	-0.001	0	0
111	KICKER2 C	PY	-0.001	-0.001	0	0
112	KICKER1 C	PY	-0.001	-0.001	0	0
113	FACE2 C	PY	-0.003	-0.003	0	0
114	FACE1 C	PY	-0.003	-0.003	0	0
115	FACE PL4 C	PY	-0.000644	-0.000644	0	0
116	FACE PL3 C	PY	-0.000644	-0.000644	0	0
117	FACE PL2 C	PY	-0.000644	-0.000644	0	0
118	FACE PL1 C	PY	-0.000644	-0.000644	0	0
119	DIAG2 C	PY	-0.000483	-0.000483	0	0
120	DIAG1 C	PY	-0.000483	-0.000483	0	0
121	BACK2 C	PY	-0.000859	-0.000859	0	0
122	BACK1 C	PY	-0.000859	-0.000859	0	0
123	BACK PIPE1 C	PY	-0.003	-0.003	0	0
124	MCFACE	PY	-0.005	-0.005	0	0
125	MCSTAB1	PY	-0.004	-0.004	0	0
126	MCSTAB2	PY	-0.004	-0.004	0	0
127	MCSTAB3	PY	-0.004	-0.004	0	0
128	MCSTAB4	PY	-0.004	-0.004	0	0
129	MCTIEBACK	PY	-0.002	-0.002	0	0
130	VERT4	PX	.002	.002	0	0
131	VERT3	PX	.002	.002	0	0
132	VERT2	PX	.002	.002	0	0
133	VERT1	PX	.002	.002	0	0
134	TIEBACK2	PX	.003	.003	0	0
135	TIEBACK1	PX	.003	.003	0	0
136	PLATE12	PX	.001	.001	0	0
137	PLATE 11	PX	.001	.001	0	0
138	PLATE 10	PX	.001	.001	0	0
139	PLATE 9	PX	.001	.001	0	0
140	PLATE 8	PX	.001	.001	0	0
141	PLATE 7	PX	.001	.001	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
142	PLATE 6	PX	.001	.001	0	0
143	PLATE 5	PX	.001	.001	0	0
144	PLATE 4	PX	.001	.001	0	0
145	PLATE 3	PX	.001	.001	0	0
146	PLATE 2	PX	.001	.001	0	0
147	PLATE 1	PX	.001	.001	0	0
148	MP ALPHA4	PX	.008	.008	0	0
149	MP ALPHA3	PX	.008	.008	0	0
150	MP ALPHA2	PX	.008	.008	0	0
151	MP ALPHA5	PX	.008	.008	0	0
152	KICKER4	PX	.003	.003	0	0
153	KICKER3	PX	.003	.003	0	0
154	KICKER2	PX	.003	.003	0	0
155	KICKER1	PX	.003	.003	0	0
156	FACE2	PX	.005	.005	0	0
157	FACE1	PX	.005	.005	0	0
158	FACE PL4	PX	.001	.001	0	0
159	FACE PL3	PX	.001	.001	0	0
160	FACE PL2	PX	.001	.001	0	0
161	FACE PL1	PX	.001	.001	0	0
162	DIAG2	PX	.000837	.000837	0	0
163	DIAG1	PX	.000837	.000837	0	0
164	BACK2	PX	.001	.001	0	0
165	BACK1	PX	.001	.001	0	0
166	BACK PIPE1	PX	.005	.005	0	0
167	MAFACE	PX	.008	.008	0	0
168	MASTAB1	PX	.007	.007	0	0
169	MASTAB2	PX	.007	.007	0	0
170	MASTAB3	PX	.007	.007	0	0
171	MASTAB4	PX	.007	.007	0	0
172	MATIEBACK	PX	.003	.003	0	0
173	VERT4 C	PX	.002	.002	0	0
174	VERT3 C	PX	.002	.002	0	0
175	VERT2 C	PX	.002	.002	0	0
176	VERT1 C	PX	.002	.002	0	0
177	TIEBACK2 C	PX	.003	.003	0	0
178	TIEBACK1 C	PX	.003	.003	0	0
179	PLATE12 C	PX	.001	.001	0	0
180	PLATE 11 C	PX	.001	.001	0	0
181	PLATE 10 C	PX	.001	.001	0	0
182	PLATE 9 C	PX	.001	.001	0	0
183	PLATE 8 C	PX	.001	.001	0	0
184	PLATE 7 C	PX	.001	.001	0	0
185	PLATE 6 C	PX	.001	.001	0	0
186	PLATE 5 C	PX	.001	.001	0	0
187	PLATE 4 C	PX	.001	.001	0	0
188	PLATE 3 C	PX	.001	.001	0	0
189	PLATE 2 C	PX	.001	.001	0	0
190	PLATE 1 C	PX	.001	.001	0	0
191	MP GAMMA4	PX	.008	.008	0	0
192	MP GAMMA3	PX	.008	.008	0	0
193	MP GAMMA2	PX	.008	.008	0	0
194	MP GAMMA5	PX	.008	.008	0	0
195	KICKER4 C	PX	.003	.003	0	0
196	KICKER3 C	PX	.003	.003	0	0
197	KICKER2 C	PX	.003	.003	0	0
198	KICKER1 C	PX	.003	.003	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
199	FACE2 C	PX	.005	.005	0	0
200	FACE1 C	PX	.005	.005	0	0
201	FACE PL4 C	PX	.001	.001	0	0
202	FACE PL3 C	PX	.001	.001	0	0
203	FACE PL2 C	PX	.001	.001	0	0
204	FACE PL1 C	PX	.001	.001	0	0
205	DIAG2 C	PX	.000837	.000837	0	0
206	DIAG1 C	PX	.000837	.000837	0	0
207	BACK2 C	PX	.001	.001	0	0
208	BACK1 C	PX	.001	.001	0	0
209	BACK PIPE1 C	PX	.005	.005	0	0
210	MCFACE	PX	.008	.008	0	0
211	MCSTAB1	PX	.007	.007	0	0
212	MCSTAB2	PX	.007	.007	0	0
213	MCSTAB3	PX	.007	.007	0	0
214	MCSTAB4	PX	.007	.007	0	0
215	MCTIEBACK	PX	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	-.002	-.002	0	0
2	VERT3	PY	-.002	-.002	0	0
3	VERT2	PY	-.002	-.002	0	0
4	VERT1	PY	-.002	-.002	0	0
5	TIEBACK2	PY	-.003	-.003	0	0
6	TIEBACK1	PY	-.003	-.003	0	0
7	PLATE12	PY	-.001	-.001	0	0
8	PLATE 11	PY	-.001	-.001	0	0
9	PLATE 10	PY	-.001	-.001	0	0
10	PLATE 9	PY	-.001	-.001	0	0
11	PLATE 8	PY	-.001	-.001	0	0
12	PLATE 7	PY	-.001	-.001	0	0
13	PLATE 6	PY	-.001	-.001	0	0
14	PLATE 5	PY	-.001	-.001	0	0
15	PLATE 4	PY	-.001	-.001	0	0
16	PLATE 3	PY	-.001	-.001	0	0
17	PLATE 2	PY	-.001	-.001	0	0
18	PLATE 1	PY	-.001	-.001	0	0
19	MP ALPHA4	PY	-.008	-.008	0	0
20	MP ALPHA3	PY	-.008	-.008	0	0
21	MP ALPHA2	PY	-.008	-.008	0	0
22	MP ALPHA5	PY	-.008	-.008	0	0
23	KICKER4	PY	-.003	-.003	0	0
24	KICKER3	PY	-.003	-.003	0	0
25	KICKER2	PY	-.003	-.003	0	0
26	KICKER1	PY	-.003	-.003	0	0
27	FACE2	PY	-.005	-.005	0	0
28	FACE1	PY	-.005	-.005	0	0
29	FACE PL4	PY	-.001	-.001	0	0
30	FACE PL3	PY	-.001	-.001	0	0
31	FACE PL2	PY	-.001	-.001	0	0
32	FACE PL1	PY	-.001	-.001	0	0
33	DIAG2	PY	-.000837	-.000837	0	0
34	DIAG1	PY	-.000837	-.000837	0	0
35	BACK2	PY	-.001	-.001	0	0
36	BACK1	PY	-.001	-.001	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
37	BACK PIPE1	PY	-0.005	-0.005	0	0
38	MAFACE	PY	-0.008	-0.008	0	0
39	MASTAB1	PY	-0.007	-0.007	0	0
40	MASTAB2	PY	-0.007	-0.007	0	0
41	MASTAB3	PY	-0.007	-0.007	0	0
42	MASTAB4	PY	-0.007	-0.007	0	0
43	MATIEBACK	PY	-0.003	-0.003	0	0
44	VERT4 B	PY	-0.002	-0.002	0	0
45	VERT3 B	PY	-0.002	-0.002	0	0
46	VERT2 B	PY	-0.002	-0.002	0	0
47	VERT1 B	PY	-0.002	-0.002	0	0
48	TIEBACK2 B	PY	-0.003	-0.003	0	0
49	TIEBACK1 B	PY	-0.003	-0.003	0	0
50	PLATE12 B	PY	-0.001	-0.001	0	0
51	PLATE 11 B	PY	-0.001	-0.001	0	0
52	PLATE 10 B	PY	-0.001	-0.001	0	0
53	PLATE 9 B	PY	-0.001	-0.001	0	0
54	PLATE 8 B	PY	-0.001	-0.001	0	0
55	PLATE 7 B	PY	-0.001	-0.001	0	0
56	PLATE 6 B	PY	-0.001	-0.001	0	0
57	PLATE 5 B	PY	-0.001	-0.001	0	0
58	PLATE 4 B	PY	-0.001	-0.001	0	0
59	PLATE 3 B	PY	-0.001	-0.001	0	0
60	PLATE 2 B	PY	-0.001	-0.001	0	0
61	PLATE 1 B	PY	-0.001	-0.001	0	0
62	MP BETA4	PY	-0.008	-0.008	0	0
63	MP BETA3	PY	-0.008	-0.008	0	0
64	MP BETA2	PY	-0.008	-0.008	0	0
65	MP BETA5	PY	-0.008	-0.008	0	0
66	KICKER4 B	PY	-0.003	-0.003	0	0
67	KICKER3 B	PY	-0.003	-0.003	0	0
68	KICKER2 B	PY	-0.003	-0.003	0	0
69	KICKER1 B	PY	-0.003	-0.003	0	0
70	FACE2 B	PY	-0.005	-0.005	0	0
71	FACE1 B	PY	-0.005	-0.005	0	0
72	FACE PL4 B	PY	-0.001	-0.001	0	0
73	FACE PL3 B	PY	-0.001	-0.001	0	0
74	FACE PL2 B	PY	-0.001	-0.001	0	0
75	FACE PL1 B	PY	-0.001	-0.001	0	0
76	DIAG2 B	PY	-0.000837	-0.000837	0	0
77	DIAG1 B	PY	-0.000837	-0.000837	0	0
78	BACK2 B	PY	-0.001	-0.001	0	0
79	BACK1 B	PY	-0.001	-0.001	0	0
80	BACK PIPE1 B	PY	-0.005	-0.005	0	0
81	MBFACE	PY	-0.008	-0.008	0	0
82	MBSTAB1	PY	-0.007	-0.007	0	0
83	MBSTAB2	PY	-0.007	-0.007	0	0
84	MBSTAB3	PY	-0.007	-0.007	0	0
85	MBSTAB4	PY	-0.007	-0.007	0	0
86	MBTIEBACK	PY	-0.003	-0.003	0	0
87	VERT4 C	PX	.001	.001	0	0
88	VERT3 C	PX	.001	.001	0	0
89	VERT2 C	PX	.001	.001	0	0
90	VERT1 C	PX	.001	.001	0	0
91	TIEBACK2 C	PX	.007	.007	0	0
92	TIEBACK1 C	PX	.007	.007	0	0
93	PLATE12 C	PX	.002	.002	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
94	PLATE 11 C	PX	.002	.002	0	0
95	PLATE 10 C	PX	.002	.002	0	0
96	PLATE 9 C	PX	.002	.002	0	0
97	PLATE 8 C	PX	.002	.002	0	0
98	PLATE 7 C	PX	.002	.002	0	0
99	PLATE 6 C	PX	.002	.002	0	0
100	PLATE 5 C	PX	.002	.002	0	0
101	PLATE 4 C	PX	.002	.002	0	0
102	PLATE 3 C	PX	.002	.002	0	0
103	PLATE 2 C	PX	.002	.002	0	0
104	PLATE 1 C	PX	.002	.002	0	0
105	MP GAMMA4	PX	.01	.01	0	0
106	MP GAMMA3	PX	.01	.01	0	0
107	MP GAMMA2	PX	.01	.01	0	0
108	MP GAMMA5	PX	.01	.01	0	0
109	KICKER4 C	PX	.007	.007	0	0
110	KICKER3 C	PX	.007	.007	0	0
111	KICKER2 C	PX	.007	.007	0	0
112	KICKER1 C	PX	.007	.007	0	0
113	FACE2 C	PX	.004	.004	0	0
114	FACE1 C	PX	.004	.004	0	0
115	FACE PL4 C	PX	.001	.001	0	0
116	FACE PL3 C	PX	.001	.001	0	0
117	FACE PL2 C	PX	.001	.001	0	0
118	FACE PL1 C	PX	.001	.001	0	0
119	DIAG2 C	PX	.002	.002	0	0
120	DIAG1 C	PX	.002	.002	0	0
121	BACK2 C	PX	.002	.002	0	0
122	BACK1 C	PX	.002	.002	0	0
123	BACK PIPE 1 C	PX	.007	.007	0	0
124	MCFACE	PX	.005	.005	0	0
125	MCSTAB1	PX	.009	.009	0	0
126	MCSTAB2	PX	.009	.009	0	0
127	MCSTAB3	PX	.009	.009	0	0
128	MCSTAB4	PX	.009	.009	0	0
129	MCTIEBACK	PX	.007	.007	0	0
130	VERT4	PX	.000966	.000966	0	0
131	VERT3	PX	.000966	.000966	0	0
132	VERT2	PX	.000966	.000966	0	0
133	VERT1	PX	.000966	.000966	0	0
134	TIEBACK2	PX	.002	.002	0	0
135	TIEBACK1	PX	.002	.002	0	0
136	PLATE12	PX	.000859	.000859	0	0
137	PLATE 11	PX	.000859	.000859	0	0
138	PLATE 10	PX	.000859	.000859	0	0
139	PLATE 9	PX	.000859	.000859	0	0
140	PLATE 8	PX	.000859	.000859	0	0
141	PLATE 7	PX	.000859	.000859	0	0
142	PLATE 6	PX	.000859	.000859	0	0
143	PLATE 5	PX	.000859	.000859	0	0
144	PLATE 4	PX	.000859	.000859	0	0
145	PLATE 3	PX	.000859	.000859	0	0
146	PLATE 2	PX	.000859	.000859	0	0
147	PLATE 1	PX	.000859	.000859	0	0
148	MP ALPHA4	PX	.005	.005	0	0
149	MP ALPHA3	PX	.005	.005	0	0
150	MP ALPHA2	PX	.005	.005	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft.%]	End Location[ft.%]	
151	MP ALPHA5	PX	.005	.005	0	0
152	KICKER4	PX	.001	.001	0	0
153	KICKER3	PX	.001	.001	0	0
154	KICKER2	PX	.001	.001	0	0
155	KICKER1	PX	.001	.001	0	0
156	FACE2	PX	.003	.003	0	0
157	FACE1	PX	.003	.003	0	0
158	FACE PL4	PX	.000644	.000644	0	0
159	FACE PL3	PX	.000644	.000644	0	0
160	FACE PL2	PX	.000644	.000644	0	0
161	FACE PL1	PX	.000644	.000644	0	0
162	DIAG2	PX	.000483	.000483	0	0
163	DIAG1	PX	.000483	.000483	0	0
164	BACK2	PX	.000859	.000859	0	0
165	BACK1	PX	.000859	.000859	0	0
166	BACK PIPE1	PX	.003	.003	0	0
167	MAFACE	PX	.005	.005	0	0
168	MASTAB1	PX	.004	.004	0	0
169	MASTAB2	PX	.004	.004	0	0
170	MASTAB3	PX	.004	.004	0	0
171	MASTAB4	PX	.004	.004	0	0
172	MATIEBACK	PX	.002	.002	0	0
173	VERT4 B	PX	.000966	.000966	0	0
174	VERT3 B	PX	.000966	.000966	0	0
175	VERT2 B	PX	.000966	.000966	0	0
176	VERT1 B	PX	.000966	.000966	0	0
177	TIEBACK2 B	PX	.002	.002	0	0
178	TIEBACK1 B	PX	.002	.002	0	0
179	PLATE12 B	PX	.000859	.000859	0	0
180	PLATE 11 B	PX	.000859	.000859	0	0
181	PLATE 10 B	PX	.000859	.000859	0	0
182	PLATE 9 B	PX	.000859	.000859	0	0
183	PLATE 8 B	PX	.000859	.000859	0	0
184	PLATE 7 B	PX	.000859	.000859	0	0
185	PLATE 6 B	PX	.000859	.000859	0	0
186	PLATE 5 B	PX	.000859	.000859	0	0
187	PLATE 4 B	PX	.000859	.000859	0	0
188	PLATE 3 B	PX	.000859	.000859	0	0
189	PLATE 2 B	PX	.000859	.000859	0	0
190	PLATE 1 B	PX	.000859	.000859	0	0
191	MP BETA4	PX	.005	.005	0	0
192	MP BETA3	PX	.005	.005	0	0
193	MP BETA2	PX	.005	.005	0	0
194	MP BETA5	PX	.005	.005	0	0
195	KICKER4 B	PX	.001	.001	0	0
196	KICKER3 B	PX	.001	.001	0	0
197	KICKER2 B	PX	.001	.001	0	0
198	KICKER1 B	PX	.001	.001	0	0
199	FACE2 B	PX	.003	.003	0	0
200	FACE1 B	PX	.003	.003	0	0
201	FACE PL4 B	PX	.000644	.000644	0	0
202	FACE PL3 B	PX	.000644	.000644	0	0
203	FACE PL2 B	PX	.000644	.000644	0	0
204	FACE PL1 B	PX	.000644	.000644	0	0
205	DIAG2 B	PX	.000483	.000483	0	0
206	DIAG1 B	PX	.000483	.000483	0	0
207	BACK2 B	PX	.000859	.000859	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]	
208	BACK1 B	PX	.000859	.000859	0	0
209	BACK PIPE1 B	PX	.003	.003	0	0
210	MBFACE	PX	.005	.005	0	0
211	MBSTAB1	PX	.004	.004	0	0
212	MBSTAB2	PX	.004	.004	0	0
213	MBSTAB3	PX	.004	.004	0	0
214	MBSTAB4	PX	.004	.004	0	0
215	MBTIEBACK	PX	.002	.002	0	0

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

Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]	
1	VERT4	PY	-0.00127	-0.00127	0	0
2	VERT3	PY	-0.00127	-0.00127	0	0
3	VERT2	PY	-0.00127	-0.00127	0	0
4	VERT1	PY	-0.00127	-0.00127	0	0
5	TIEBACK2	PY	-0.00202	-0.00202	0	0
6	TIEBACK1	PY	-0.00202	-0.00202	0	0
7	PLATE12	PY	-0.00113	-0.00113	0	0
8	PLATE 11	PY	-0.00113	-0.00113	0	0
9	PLATE 10	PY	-0.00113	-0.00113	0	0
10	PLATE 9	PY	-0.00113	-0.00113	0	0
11	PLATE 8	PY	-0.00113	-0.00113	0	0
12	PLATE 7	PY	-0.00113	-0.00113	0	0
13	PLATE 6	PY	-0.00113	-0.00113	0	0
14	PLATE 5	PY	-0.00113	-0.00113	0	0
15	PLATE 4	PY	-0.00113	-0.00113	0	0
16	PLATE 3	PY	-0.00113	-0.00113	0	0
17	PLATE 2	PY	-0.00113	-0.00113	0	0
18	PLATE 1	PY	-0.00113	-0.00113	0	0
19	MP ALPHA4	PY	-0.00644	-0.00644	0	0
20	MP ALPHA3	PY	-0.00644	-0.00644	0	0
21	MP ALPHA2	PY	-0.00644	-0.00644	0	0
22	MP ALPHA5	PY	-0.00644	-0.00644	0	0
23	KICKER4	PY	-0.00196	-0.00196	0	0
24	KICKER3	PY	-0.00196	-0.00196	0	0
25	KICKER2	PY	-0.00196	-0.00196	0	0
26	KICKER1	PY	-0.00196	-0.00196	0	0
27	FACE2	PY	-0.00403	-0.00403	0	0
28	FACE1	PY	-0.00403	-0.00403	0	0
29	FACE PL4	PY	-8.5e-5	-8.5e-5	0	0
30	FACE PL3	PY	-8.5e-5	-8.5e-5	0	0
31	FACE PL2	PY	-8.5e-5	-8.5e-5	0	0
32	FACE PL1	PY	-8.5e-5	-8.5e-5	0	0
33	DIAG2	PY	-6.4e-5	-6.4e-5	0	0
34	DIAG1	PY	-6.4e-5	-6.4e-5	0	0
35	BACK2	PY	-0.00113	-0.00113	0	0
36	BACK1	PY	-0.00113	-0.00113	0	0
37	BACK PIPE1	PY	-0.00381	-0.00381	0	0
38	MAFACE	PY	-0.00593	-0.00593	0	0
39	MASTAB1	PY	-0.00565	-0.00565	0	0
40	MASTAB2	PY	-0.00565	-0.00565	0	0
41	MASTAB3	PY	-0.00565	-0.00565	0	0
42	MASTAB4	PY	-0.00565	-0.00565	0	0
43	MATIEBACK	PY	-0.00202	-0.00202	0	0
44	VERT4 B	PY	-6.4e-5	-6.4e-5	0	0
45	VERT3 B	PY	-6.4e-5	-6.4e-5	0	0



Company : POD Group
 Designer : JMM
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Member Distributed Loads (BLC 15 : Maintenance (0)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
46	VERT2 B	PY	-6.4e-5	-6.4e-5	0	0
47	VERT1 B	PY	-6.4e-5	-6.4e-5	0	0
48	TIEBACK2 B	PY	-.000101	-.000101	0	0
49	TIEBACK1 B	PY	-.000101	-.000101	0	0
50	PLATE12 B	PY	-5.6e-5	-5.6e-5	0	0
51	PLATE 11 B	PY	-5.6e-5	-5.6e-5	0	0
52	PLATE 10 B	PY	-5.6e-5	-5.6e-5	0	0
53	PLATE 9 B	PY	-5.6e-5	-5.6e-5	0	0
54	PLATE 8 B	PY	-5.6e-5	-5.6e-5	0	0
55	PLATE 7 B	PY	-5.6e-5	-5.6e-5	0	0
56	PLATE 6 B	PY	-5.6e-5	-5.6e-5	0	0
57	PLATE 5 B	PY	-5.6e-5	-5.6e-5	0	0
58	PLATE 4 B	PY	-5.6e-5	-5.6e-5	0	0
59	PLATE 3 B	PY	-5.6e-5	-5.6e-5	0	0
60	PLATE 2 B	PY	-5.6e-5	-5.6e-5	0	0
61	PLATE 1 B	PY	-5.6e-5	-5.6e-5	0	0
62	MP BETA4	PY	-.000322	-.000322	0	0
63	MP BETA3	PY	-.000322	-.000322	0	0
64	MP BETA2	PY	-.000322	-.000322	0	0
65	MP BETA5	PY	-.000322	-.000322	0	0
66	KICKER4 B	PY	-9.8e-5	-9.8e-5	0	0
67	KICKER3 B	PY	-9.8e-5	-9.8e-5	0	0
68	KICKER2 B	PY	-9.8e-5	-9.8e-5	0	0
69	KICKER1 B	PY	-9.8e-5	-9.8e-5	0	0
70	FACE2 B	PY	-.000202	-.000202	0	0
71	FACE1 B	PY	-.000202	-.000202	0	0
72	FACE PL4 B	PY	-4.2e-5	-4.2e-5	0	0
73	FACE PL3 B	PY	-4.2e-5	-4.2e-5	0	0
74	FACE PL2 B	PY	-4.2e-5	-4.2e-5	0	0
75	FACE PL1 B	PY	-4.2e-5	-4.2e-5	0	0
76	DIAG2 B	PY	-3.2e-5	-3.2e-5	0	0
77	DIAG1 B	PY	-3.2e-5	-3.2e-5	0	0
78	BACK2 B	PY	-5.6e-5	-5.6e-5	0	0
79	BACK1 B	PY	-5.6e-5	-5.6e-5	0	0
80	BACK PIPE1 B	PY	-.000191	-.000191	0	0
81	MBFACE	PY	-.000296	-.000296	0	0
82	MBSTAB1	PY	-.000282	-.000282	0	0
83	MBSTAB2	PY	-.000282	-.000282	0	0
84	MBSTAB3	PY	-.000282	-.000282	0	0
85	MBSTAB4	PY	-.000282	-.000282	0	0
86	MBTIEBACK	PY	-.000101	-.000101	0	0
87	VERT4 C	PY	-6.4e-5	-6.4e-5	0	0
88	VERT3 C	PY	-6.4e-5	-6.4e-5	0	0
89	VERT2 C	PY	-6.4e-5	-6.4e-5	0	0
90	VERT1 C	PY	-6.4e-5	-6.4e-5	0	0
91	TIEBACK2 C	PY	-.000101	-.000101	0	0
92	TIEBACK1 C	PY	-.000101	-.000101	0	0
93	PLATE12 C	PY	-5.6e-5	-5.6e-5	0	0
94	PLATE 11 C	PY	-5.6e-5	-5.6e-5	0	0
95	PLATE 10 C	PY	-5.6e-5	-5.6e-5	0	0
96	PLATE 9 C	PY	-5.6e-5	-5.6e-5	0	0
97	PLATE 8 C	PY	-5.6e-5	-5.6e-5	0	0
98	PLATE 7 C	PY	-5.6e-5	-5.6e-5	0	0
99	PLATE 6 C	PY	-5.6e-5	-5.6e-5	0	0
100	PLATE 5 C	PY	-5.6e-5	-5.6e-5	0	0
101	PLATE 4 C	PY	-5.6e-5	-5.6e-5	0	0
102	PLATE 3 C	PY	-5.6e-5	-5.6e-5	0	0



Company : POD Group
 Designer : JMM
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Member Distributed Loads (BLC 15 : Maintenance (0)) (Continued)

Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
103	PLATE 2 C	PY	-5.6e-5	-5.6e-5	0 0
104	PLATE 1 C	PY	-5.6e-5	-5.6e-5	0 0
105	MP GAMMA4	PY	-.000322	-.000322	0 0
106	MP GAMMA3	PY	-.000322	-.000322	0 0
107	MP GAMMA2	PY	-.000322	-.000322	0 0
108	MP GAMMA5	PY	-.000322	-.000322	0 0
109	KICKER4 C	PY	-9.8e-5	-9.8e-5	0 0
110	KICKER3 C	PY	-9.8e-5	-9.8e-5	0 0
111	KICKER2 C	PY	-9.8e-5	-9.8e-5	0 0
112	KICKER1 C	PY	-9.8e-5	-9.8e-5	0 0
113	FACE2 C	PY	-.000202	-.000202	0 0
114	FACE1 C	PY	-.000202	-.000202	0 0
115	FACE PL4 C	PY	-4.2e-5	-4.2e-5	0 0
116	FACE PL3 C	PY	-4.2e-5	-4.2e-5	0 0
117	FACE PL2 C	PY	-4.2e-5	-4.2e-5	0 0
118	FACE PL1 C	PY	-4.2e-5	-4.2e-5	0 0
119	DIAG2 C	PY	-3.2e-5	-3.2e-5	0 0
120	DIAG1 C	PY	-3.2e-5	-3.2e-5	0 0
121	BACK2 C	PY	-5.6e-5	-5.6e-5	0 0
122	BACK1 C	PY	-5.6e-5	-5.6e-5	0 0
123	BACK PIPE1 C	PY	-.000191	-.000191	0 0
124	MCFACE	PY	-.000296	-.000296	0 0
125	MCSTAB1	PY	-.000282	-.000282	0 0
126	MCSTAB2	PY	-.000282	-.000282	0 0
127	MCSTAB3	PY	-.000282	-.000282	0 0
128	MCSTAB4	PY	-.000282	-.000282	0 0
129	MCTIEBACK	PY	-.000101	-.000101	0 0
130	VERT4 B	PX	.00011	.00011	0 0
131	VERT3 B	PX	.00011	.00011	0 0
132	VERT2 B	PX	.00011	.00011	0 0
133	VERT1 B	PX	.00011	.00011	0 0
134	TIEBACK2 B	PX	.000175	.000175	0 0
135	TIEBACK1 B	PX	.000175	.000175	0 0
136	PLATE12 B	PX	9.8e-5	9.8e-5	0 0
137	PLATE 11 B	PX	9.8e-5	9.8e-5	0 0
138	PLATE 10 B	PX	9.8e-5	9.8e-5	0 0
139	PLATE 9 B	PX	9.8e-5	9.8e-5	0 0
140	PLATE 8 B	PX	9.8e-5	9.8e-5	0 0
141	PLATE 7 B	PX	9.8e-5	9.8e-5	0 0
142	PLATE 6 B	PX	9.8e-5	9.8e-5	0 0
143	PLATE 5 B	PX	9.8e-5	9.8e-5	0 0
144	PLATE 4 B	PX	9.8e-5	9.8e-5	0 0
145	PLATE 3 B	PX	9.8e-5	9.8e-5	0 0
146	PLATE 2 B	PX	9.8e-5	9.8e-5	0 0
147	PLATE 1 B	PX	9.8e-5	9.8e-5	0 0
148	MP BETA4	PX	.000558	.000558	0 0
149	MP BETA3	PX	.000558	.000558	0 0
150	MP BETA2	PX	.000558	.000558	0 0
151	MP BETA5	PX	.000558	.000558	0 0
152	KICKER4 B	PX	.000169	.000169	0 0
153	KICKER3 B	PX	.000169	.000169	0 0
154	KICKER2 B	PX	.000169	.000169	0 0
155	KICKER1 B	PX	.000169	.000169	0 0
156	FACE2 B	PX	.000349	.000349	0 0
157	FACE1 B	PX	.000349	.000349	0 0
158	FACE PL4 B	PX	7.3e-5	7.3e-5	0 0
159	FACE PL3 B	PX	7.3e-5	7.3e-5	0 0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
160	FACE PL2 B	PX	7.3e-5	7.3e-5	0	0
161	FACE PL1 B	PX	7.3e-5	7.3e-5	0	0
162	DIAG2 B	PX	5.5e-5	5.5e-5	0	0
163	DIAG1 B	PX	5.5e-5	5.5e-5	0	0
164	BACK2 B	PX	9.8e-5	9.8e-5	0	0
165	BACK1 B	PX	9.8e-5	9.8e-5	0	0
166	BACK PIPE1 B	PX	.00033	.00033	0	0
167	MBFACE	PX	.000513	.000513	0	0
168	MBSTAB1	PX	.000489	.000489	0	0
169	MBSTAB2	PX	.000489	.000489	0	0
170	MBSTAB3	PX	.000489	.000489	0	0
171	MBSTAB4	PX	.000489	.000489	0	0
172	MBTIEBACK	PX	.000175	.000175	0	0
173	VERT4 C	PX	-.00011	-.00011	0	0
174	VERT3 C	PX	-.00011	-.00011	0	0
175	VERT2 C	PX	-.00011	-.00011	0	0
176	VERT1 C	PX	-.00011	-.00011	0	0
177	TIEBACK2 C	PX	-.000175	-.000175	0	0
178	TIEBACK1 C	PX	-.000175	-.000175	0	0
179	PLATE12 C	PX	-9.8e-5	-9.8e-5	0	0
180	PLATE 11 C	PX	-9.8e-5	-9.8e-5	0	0
181	PLATE 10 C	PX	-9.8e-5	-9.8e-5	0	0
182	PLATE 9 C	PX	-9.8e-5	-9.8e-5	0	0
183	PLATE 8 C	PX	-9.8e-5	-9.8e-5	0	0
184	PLATE 7 C	PX	-9.8e-5	-9.8e-5	0	0
185	PLATE 6 C	PX	-9.8e-5	-9.8e-5	0	0
186	PLATE 5 C	PX	-9.8e-5	-9.8e-5	0	0
187	PLATE 4 C	PX	-9.8e-5	-9.8e-5	0	0
188	PLATE 3 C	PX	-9.8e-5	-9.8e-5	0	0
189	PLATE 2 C	PX	-9.8e-5	-9.8e-5	0	0
190	PLATE 1 C	PX	-9.8e-5	-9.8e-5	0	0
191	MP GAMMA4	PX	-.000558	-.000558	0	0
192	MP GAMMA3	PX	-.000558	-.000558	0	0
193	MP GAMMA2	PX	-.000558	-.000558	0	0
194	MP GAMMA5	PX	-.000558	-.000558	0	0
195	KICKER4 C	PX	-.000169	-.000169	0	0
196	KICKER3 C	PX	-.000169	-.000169	0	0
197	KICKER2 C	PX	-.000169	-.000169	0	0
198	KICKER1 C	PX	-.000169	-.000169	0	0
199	FACE2 C	PX	-.000349	-.000349	0	0
200	FACE1 C	PX	-.000349	-.000349	0	0
201	FACE PL4 C	PX	-7.3e-5	-7.3e-5	0	0
202	FACE PL3 C	PX	-7.3e-5	-7.3e-5	0	0
203	FACE PL2 C	PX	-7.3e-5	-7.3e-5	0	0
204	FACE PL1 C	PX	-7.3e-5	-7.3e-5	0	0
205	DIAG2 C	PX	-5.5e-5	-5.5e-5	0	0
206	DIAG1 C	PX	-5.5e-5	-5.5e-5	0	0
207	BACK2 C	PX	-9.8e-5	-9.8e-5	0	0
208	BACK1 C	PX	-9.8e-5	-9.8e-5	0	0
209	BACK PIPE1 C	PX	-.00033	-.00033	0	0
210	MCFACE	PX	-.000513	-.000513	0	0
211	MCSTAB1	PX	-.000489	-.000489	0	0
212	MCSTAB2	PX	-.000489	-.000489	0	0
213	MCSTAB3	PX	-.000489	-.000489	0	0
214	MCSTAB4	PX	-.000489	-.000489	0	0
215	MCTIEBACK	PX	-.000175	-.000175	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	-0.0011	-0.0011	0	0
2	VERT3	PY	-0.0011	-0.0011	0	0
3	VERT2	PY	-0.0011	-0.0011	0	0
4	VERT1	PY	-0.0011	-0.0011	0	0
5	TIEBACK2	PY	-0.00175	-0.00175	0	0
6	TIEBACK1	PY	-0.00175	-0.00175	0	0
7	PLATE12	PY	-9.8e-5	-9.8e-5	0	0
8	PLATE 11	PY	-9.8e-5	-9.8e-5	0	0
9	PLATE 10	PY	-9.8e-5	-9.8e-5	0	0
10	PLATE 9	PY	-9.8e-5	-9.8e-5	0	0
11	PLATE 8	PY	-9.8e-5	-9.8e-5	0	0
12	PLATE 7	PY	-9.8e-5	-9.8e-5	0	0
13	PLATE 6	PY	-9.8e-5	-9.8e-5	0	0
14	PLATE 5	PY	-9.8e-5	-9.8e-5	0	0
15	PLATE 4	PY	-9.8e-5	-9.8e-5	0	0
16	PLATE 3	PY	-9.8e-5	-9.8e-5	0	0
17	PLATE 2	PY	-9.8e-5	-9.8e-5	0	0
18	PLATE 1	PY	-9.8e-5	-9.8e-5	0	0
19	MP ALPHA4	PY	-0.00558	-0.00558	0	0
20	MP ALPHA3	PY	-0.00558	-0.00558	0	0
21	MP ALPHA2	PY	-0.00558	-0.00558	0	0
22	MP ALPHA5	PY	-0.00558	-0.00558	0	0
23	KICKER4	PY	-0.00169	-0.00169	0	0
24	KICKER3	PY	-0.00169	-0.00169	0	0
25	KICKER2	PY	-0.00169	-0.00169	0	0
26	KICKER1	PY	-0.00169	-0.00169	0	0
27	FACE2	PY	-0.00349	-0.00349	0	0
28	FACE1	PY	-0.00349	-0.00349	0	0
29	FACE PL4	PY	-7.3e-5	-7.3e-5	0	0
30	FACE PL3	PY	-7.3e-5	-7.3e-5	0	0
31	FACE PL2	PY	-7.3e-5	-7.3e-5	0	0
32	FACE PL1	PY	-7.3e-5	-7.3e-5	0	0
33	DIAG2	PY	-5.5e-5	-5.5e-5	0	0
34	DIAG1	PY	-5.5e-5	-5.5e-5	0	0
35	BACK2	PY	-9.8e-5	-9.8e-5	0	0
36	BACK1	PY	-9.8e-5	-9.8e-5	0	0
37	BACK PIPE1	PY	-0.0033	-0.0033	0	0
38	MAFACE	PY	-0.00513	-0.00513	0	0
39	MASTAB1	PY	-0.00489	-0.00489	0	0
40	MASTAB2	PY	-0.00489	-0.00489	0	0
41	MASTAB3	PY	-0.00489	-0.00489	0	0
42	MASTAB4	PY	-0.00489	-0.00489	0	0
43	MATIEBACK	PY	-0.00175	-0.00175	0	0
44	VERT4 B	PX	-7.6e-5	-7.6e-5	0	0
45	VERT3 B	PX	-7.6e-5	-7.6e-5	0	0
46	VERT2 B	PX	-7.6e-5	-7.6e-5	0	0
47	VERT1 B	PX	-7.6e-5	-7.6e-5	0	0
48	TIEBACK2 B	PX	-0.00482	-0.00482	0	0
49	TIEBACK1 B	PX	-0.00482	-0.00482	0	0
50	PLATE12 B	PX	-0.00113	-0.00113	0	0
51	PLATE 11 B	PX	-0.00113	-0.00113	0	0
52	PLATE 10 B	PX	-0.00113	-0.00113	0	0
53	PLATE 9 B	PX	-0.00113	-0.00113	0	0
54	PLATE 8 B	PX	-0.00113	-0.00113	0	0
55	PLATE 7 B	PX	-0.00113	-0.00113	0	0
56	PLATE 6 B	PX	-0.00113	-0.00113	0	0
57	PLATE 5 B	PX	-0.00113	-0.00113	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
58	PLATE 4 B	PX	-0.00113	-0.00113	0	0
59	PLATE 3 B	PX	-0.00113	-0.00113	0	0
60	PLATE 2 B	PX	-0.00113	-0.00113	0	0
61	PLATE 1 B	PX	-0.00113	-0.00113	0	0
62	MP BETA4	PX	-0.00644	-0.00644	0	0
63	MP BETA3	PX	-0.00644	-0.00644	0	0
64	MP BETA2	PX	-0.00644	-0.00644	0	0
65	MP BETA5	PX	-0.00644	-0.00644	0	0
66	KICKER4 B	PX	-0.00467	-0.00467	0	0
67	KICKER3 B	PX	-0.00467	-0.00467	0	0
68	KICKER2 B	PX	-0.00467	-0.00467	0	0
69	KICKER1 B	PX	-0.00467	-0.00467	0	0
70	FACE2 B	PX	-0.00241	-0.00241	0	0
71	FACE1 B	PX	-0.00241	-0.00241	0	0
72	FACE PL4 B	PX	-8.5e-5	-8.5e-5	0	0
73	FACE PL3 B	PX	-8.5e-5	-8.5e-5	0	0
74	FACE PL2 B	PX	-8.5e-5	-8.5e-5	0	0
75	FACE PL1 B	PX	-8.5e-5	-8.5e-5	0	0
76	DIAG2 B	PX	-0.00152	-0.00152	0	0
77	DIAG1 B	PX	-0.00152	-0.00152	0	0
78	BACK2 B	PX	-0.00113	-0.00113	0	0
79	BACK1 B	PX	-0.00113	-0.00113	0	0
80	BACK PIPE1 B	PX	-0.00455	-0.00455	0	0
81	MBFACE	PX	-0.00354	-0.00354	0	0
82	MBSTAB1	PX	-0.00565	-0.00565	0	0
83	MBSTAB2	PX	-0.00565	-0.00565	0	0
84	MBSTAB3	PX	-0.00565	-0.00565	0	0
85	MBSTAB4	PX	-0.00565	-0.00565	0	0
86	MBTIEBACK	PX	-0.00482	-0.00482	0	0
87	VERT4 C	PY	-0.0011	-0.0011	0	0
88	VERT3 C	PY	-0.0011	-0.0011	0	0
89	VERT2 C	PY	-0.0011	-0.0011	0	0
90	VERT1 C	PY	-0.0011	-0.0011	0	0
91	TIEBACK2 C	PY	-0.00175	-0.00175	0	0
92	TIEBACK1 C	PY	-0.00175	-0.00175	0	0
93	PLATE12 C	PY	-9.8e-5	-9.8e-5	0	0
94	PLATE 11 C	PY	-9.8e-5	-9.8e-5	0	0
95	PLATE 10 C	PY	-9.8e-5	-9.8e-5	0	0
96	PLATE 9 C	PY	-9.8e-5	-9.8e-5	0	0
97	PLATE 8 C	PY	-9.8e-5	-9.8e-5	0	0
98	PLATE 7 C	PY	-9.8e-5	-9.8e-5	0	0
99	PLATE 6 C	PY	-9.8e-5	-9.8e-5	0	0
100	PLATE 5 C	PY	-9.8e-5	-9.8e-5	0	0
101	PLATE 4 C	PY	-9.8e-5	-9.8e-5	0	0
102	PLATE 3 C	PY	-9.8e-5	-9.8e-5	0	0
103	PLATE 2 C	PY	-9.8e-5	-9.8e-5	0	0
104	PLATE 1 C	PY	-9.8e-5	-9.8e-5	0	0
105	MP GAMMA4	PY	-0.00558	-0.00558	0	0
106	MP GAMMA3	PY	-0.00558	-0.00558	0	0
107	MP GAMMA2	PY	-0.00558	-0.00558	0	0
108	MP GAMMA5	PY	-0.00558	-0.00558	0	0
109	KICKER4 C	PY	-0.00169	-0.00169	0	0
110	KICKER3 C	PY	-0.00169	-0.00169	0	0
111	KICKER2 C	PY	-0.00169	-0.00169	0	0
112	KICKER1 C	PY	-0.00169	-0.00169	0	0
113	FACE2 C	PY	-0.00349	-0.00349	0	0
114	FACE1 C	PY	-0.00349	-0.00349	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

May 13, 2022
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 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
115	FACE PL4 C	PY	-7.3e-5	-7.3e-5	0	0
116	FACE PL3 C	PY	-7.3e-5	-7.3e-5	0	0
117	FACE PL2 C	PY	-7.3e-5	-7.3e-5	0	0
118	FACE PL1 C	PY	-7.3e-5	-7.3e-5	0	0
119	DIAG2 C	PY	-5.5e-5	-5.5e-5	0	0
120	DIAG1 C	PY	-5.5e-5	-5.5e-5	0	0
121	BACK2 C	PY	-9.8e-5	-9.8e-5	0	0
122	BACK1 C	PY	-9.8e-5	-9.8e-5	0	0
123	BACK PIPE1 C	PY	-0.0033	-0.0033	0	0
124	MCFACE	PY	-0.00513	-0.00513	0	0
125	MCSTAB1	PY	-0.00489	-0.00489	0	0
126	MCSTAB2	PY	-0.00489	-0.00489	0	0
127	MCSTAB3	PY	-0.00489	-0.00489	0	0
128	MCSTAB4	PY	-0.00489	-0.00489	0	0
129	MCTIEBACK	PY	-0.00175	-0.00175	0	0
130	VERT4	PX	-6.4e-5	-6.4e-5	0	0
131	VERT3	PX	-6.4e-5	-6.4e-5	0	0
132	VERT2	PX	-6.4e-5	-6.4e-5	0	0
133	VERT1	PX	-6.4e-5	-6.4e-5	0	0
134	TIEBACK2	PX	-0.00101	-0.00101	0	0
135	TIEBACK1	PX	-0.00101	-0.00101	0	0
136	PLATE12	PX	-5.6e-5	-5.6e-5	0	0
137	PLATE 11	PX	-5.6e-5	-5.6e-5	0	0
138	PLATE 10	PX	-5.6e-5	-5.6e-5	0	0
139	PLATE 9	PX	-5.6e-5	-5.6e-5	0	0
140	PLATE 8	PX	-5.6e-5	-5.6e-5	0	0
141	PLATE 7	PX	-5.6e-5	-5.6e-5	0	0
142	PLATE 6	PX	-5.6e-5	-5.6e-5	0	0
143	PLATE 5	PX	-5.6e-5	-5.6e-5	0	0
144	PLATE 4	PX	-5.6e-5	-5.6e-5	0	0
145	PLATE 3	PX	-5.6e-5	-5.6e-5	0	0
146	PLATE 2	PX	-5.6e-5	-5.6e-5	0	0
147	PLATE 1	PX	-5.6e-5	-5.6e-5	0	0
148	MP ALPHA4	PX	-0.00322	-0.00322	0	0
149	MP ALPHA3	PX	-0.00322	-0.00322	0	0
150	MP ALPHA2	PX	-0.00322	-0.00322	0	0
151	MP ALPHA5	PX	-0.00322	-0.00322	0	0
152	KICKER4	PX	-9.8e-5	-9.8e-5	0	0
153	KICKER3	PX	-9.8e-5	-9.8e-5	0	0
154	KICKER2	PX	-9.8e-5	-9.8e-5	0	0
155	KICKER1	PX	-9.8e-5	-9.8e-5	0	0
156	FACE2	PX	-0.00202	-0.00202	0	0
157	FACE1	PX	-0.00202	-0.00202	0	0
158	FACE PL4	PX	-4.2e-5	-4.2e-5	0	0
159	FACE PL3	PX	-4.2e-5	-4.2e-5	0	0
160	FACE PL2	PX	-4.2e-5	-4.2e-5	0	0
161	FACE PL1	PX	-4.2e-5	-4.2e-5	0	0
162	DIAG2	PX	-3.2e-5	-3.2e-5	0	0
163	DIAG1	PX	-3.2e-5	-3.2e-5	0	0
164	BACK2	PX	-5.6e-5	-5.6e-5	0	0
165	BACK1	PX	-5.6e-5	-5.6e-5	0	0
166	BACK PIPE1	PX	-0.00191	-0.00191	0	0
167	MAFACE	PX	-0.00296	-0.00296	0	0
168	MASTAB1	PX	-0.00282	-0.00282	0	0
169	MASTAB2	PX	-0.00282	-0.00282	0	0
170	MASTAB3	PX	-0.00282	-0.00282	0	0
171	MASTAB4	PX	-0.00282	-0.00282	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
172	MATIEBACK	PX	-0.00101	-0.00101	0	0
173	VERT4 C	PX	-6.4e-5	-6.4e-5	0	0
174	VERT3 C	PX	-6.4e-5	-6.4e-5	0	0
175	VERT2 C	PX	-6.4e-5	-6.4e-5	0	0
176	VERT1 C	PX	-6.4e-5	-6.4e-5	0	0
177	TIEBACK2 C	PX	-0.00101	-0.00101	0	0
178	TIEBACK1 C	PX	-0.00101	-0.00101	0	0
179	PLATE12 C	PX	-5.6e-5	-5.6e-5	0	0
180	PLATE 11 C	PX	-5.6e-5	-5.6e-5	0	0
181	PLATE 10 C	PX	-5.6e-5	-5.6e-5	0	0
182	PLATE 9 C	PX	-5.6e-5	-5.6e-5	0	0
183	PLATE 8 C	PX	-5.6e-5	-5.6e-5	0	0
184	PLATE 7 C	PX	-5.6e-5	-5.6e-5	0	0
185	PLATE 6 C	PX	-5.6e-5	-5.6e-5	0	0
186	PLATE 5 C	PX	-5.6e-5	-5.6e-5	0	0
187	PLATE 4 C	PX	-5.6e-5	-5.6e-5	0	0
188	PLATE 3 C	PX	-5.6e-5	-5.6e-5	0	0
189	PLATE 2 C	PX	-5.6e-5	-5.6e-5	0	0
190	PLATE 1 C	PX	-5.6e-5	-5.6e-5	0	0
191	MP GAMMA4	PX	-0.00322	-0.00322	0	0
192	MP GAMMA3	PX	-0.00322	-0.00322	0	0
193	MP GAMMA2	PX	-0.00322	-0.00322	0	0
194	MP GAMMA5	PX	-0.00322	-0.00322	0	0
195	KICKER4 C	PX	-9.8e-5	-9.8e-5	0	0
196	KICKER3 C	PX	-9.8e-5	-9.8e-5	0	0
197	KICKER2 C	PX	-9.8e-5	-9.8e-5	0	0
198	KICKER1 C	PX	-9.8e-5	-9.8e-5	0	0
199	FACE2 C	PX	-0.00202	-0.00202	0	0
200	FACE1 C	PX	-0.00202	-0.00202	0	0
201	FACE PL4 C	PX	-4.2e-5	-4.2e-5	0	0
202	FACE PL3 C	PX	-4.2e-5	-4.2e-5	0	0
203	FACE PL2 C	PX	-4.2e-5	-4.2e-5	0	0
204	FACE PL1 C	PX	-4.2e-5	-4.2e-5	0	0
205	DIAG2 C	PX	-3.2e-5	-3.2e-5	0	0
206	DIAG1 C	PX	-3.2e-5	-3.2e-5	0	0
207	BACK2 C	PX	-5.6e-5	-5.6e-5	0	0
208	BACK1 C	PX	-5.6e-5	-5.6e-5	0	0
209	BACK PIPE1 C	PX	-0.00191	-0.00191	0	0
210	MCFACE	PX	-0.00296	-0.00296	0	0
211	MCSTAB1	PX	-0.00282	-0.00282	0	0
212	MCSTAB2	PX	-0.00282	-0.00282	0	0
213	MCSTAB3	PX	-0.00282	-0.00282	0	0
214	MCSTAB4	PX	-0.00282	-0.00282	0	0
215	MCTIEBACK	PX	-0.00101	-0.00101	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
1	VERT4	PY	-6.4e-5	-6.4e-5	0	0
2	VERT3	PY	-6.4e-5	-6.4e-5	0	0
3	VERT2	PY	-6.4e-5	-6.4e-5	0	0
4	VERT1	PY	-6.4e-5	-6.4e-5	0	0
5	TIEBACK2	PY	-0.00101	-0.00101	0	0
6	TIEBACK1	PY	-0.00101	-0.00101	0	0
7	PLATE12	PY	-5.6e-5	-5.6e-5	0	0
8	PLATE 11	PY	-5.6e-5	-5.6e-5	0	0
9	PLATE 10	PY	-5.6e-5	-5.6e-5	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

May 13, 2022
 8:22 AM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
10	PLATE 9	PY	-5.6e-5	-5.6e-5	0	0
11	PLATE 8	PY	-5.6e-5	-5.6e-5	0	0
12	PLATE 7	PY	-5.6e-5	-5.6e-5	0	0
13	PLATE 6	PY	-5.6e-5	-5.6e-5	0	0
14	PLATE 5	PY	-5.6e-5	-5.6e-5	0	0
15	PLATE 4	PY	-5.6e-5	-5.6e-5	0	0
16	PLATE 3	PY	-5.6e-5	-5.6e-5	0	0
17	PLATE 2	PY	-5.6e-5	-5.6e-5	0	0
18	PLATE 1	PY	-5.6e-5	-5.6e-5	0	0
19	MP ALPHA4	PY	-0.00322	-0.00322	0	0
20	MP ALPHA3	PY	-0.00322	-0.00322	0	0
21	MP ALPHA2	PY	-0.00322	-0.00322	0	0
22	MP ALPHA5	PY	-0.00322	-0.00322	0	0
23	KICKER4	PY	-9.8e-5	-9.8e-5	0	0
24	KICKER3	PY	-9.8e-5	-9.8e-5	0	0
25	KICKER2	PY	-9.8e-5	-9.8e-5	0	0
26	KICKER1	PY	-9.8e-5	-9.8e-5	0	0
27	FACE2	PY	-0.00202	-0.00202	0	0
28	FACE1	PY	-0.00202	-0.00202	0	0
29	FACE PL4	PY	-4.2e-5	-4.2e-5	0	0
30	FACE PL3	PY	-4.2e-5	-4.2e-5	0	0
31	FACE PL2	PY	-4.2e-5	-4.2e-5	0	0
32	FACE PL1	PY	-4.2e-5	-4.2e-5	0	0
33	DIAG2	PY	-3.2e-5	-3.2e-5	0	0
34	DIAG1	PY	-3.2e-5	-3.2e-5	0	0
35	BACK2	PY	-5.6e-5	-5.6e-5	0	0
36	BACK1	PY	-5.6e-5	-5.6e-5	0	0
37	BACK PIPE1	PY	-0.00191	-0.00191	0	0
38	MAFACE	PY	-0.00296	-0.00296	0	0
39	MASTAB1	PY	-0.00282	-0.00282	0	0
40	MASTAB2	PY	-0.00282	-0.00282	0	0
41	MASTAB3	PY	-0.00282	-0.00282	0	0
42	MASTAB4	PY	-0.00282	-0.00282	0	0
43	MATIEBACK	PY	-0.00101	-0.00101	0	0
44	VERT4 B	PY	-6.4e-5	-6.4e-5	0	0
45	VERT3 B	PY	-6.4e-5	-6.4e-5	0	0
46	VERT2 B	PY	-6.4e-5	-6.4e-5	0	0
47	VERT1 B	PY	-6.4e-5	-6.4e-5	0	0
48	TIEBACK2 B	PY	-0.00101	-0.00101	0	0
49	TIEBACK1 B	PY	-0.00101	-0.00101	0	0
50	PLATE12 B	PY	-5.6e-5	-5.6e-5	0	0
51	PLATE 11 B	PY	-5.6e-5	-5.6e-5	0	0
52	PLATE 10 B	PY	-5.6e-5	-5.6e-5	0	0
53	PLATE 9 B	PY	-5.6e-5	-5.6e-5	0	0
54	PLATE 8 B	PY	-5.6e-5	-5.6e-5	0	0
55	PLATE 7 B	PY	-5.6e-5	-5.6e-5	0	0
56	PLATE 6 B	PY	-5.6e-5	-5.6e-5	0	0
57	PLATE 5 B	PY	-5.6e-5	-5.6e-5	0	0
58	PLATE 4 B	PY	-5.6e-5	-5.6e-5	0	0
59	PLATE 3 B	PY	-5.6e-5	-5.6e-5	0	0
60	PLATE 2 B	PY	-5.6e-5	-5.6e-5	0	0
61	PLATE 1 B	PY	-5.6e-5	-5.6e-5	0	0
62	MP BETA4	PY	-0.00322	-0.00322	0	0
63	MP BETA3	PY	-0.00322	-0.00322	0	0
64	MP BETA2	PY	-0.00322	-0.00322	0	0
65	MP BETA5	PY	-0.00322	-0.00322	0	0
66	KICKER4 B	PY	-9.8e-5	-9.8e-5	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
67	KICKER3 B	PY	-9.8e-5	-9.8e-5	0	0
68	KICKER2 B	PY	-9.8e-5	-9.8e-5	0	0
69	KICKER1 B	PY	-9.8e-5	-9.8e-5	0	0
70	FACE2 B	PY	-0.00202	-0.00202	0	0
71	FACE1 B	PY	-0.00202	-0.00202	0	0
72	FACE PL4 B	PY	-4.2e-5	-4.2e-5	0	0
73	FACE PL3 B	PY	-4.2e-5	-4.2e-5	0	0
74	FACE PL2 B	PY	-4.2e-5	-4.2e-5	0	0
75	FACE PL1 B	PY	-4.2e-5	-4.2e-5	0	0
76	DIAG2 B	PY	-3.2e-5	-3.2e-5	0	0
77	DIAG1 B	PY	-3.2e-5	-3.2e-5	0	0
78	BACK2 B	PY	-5.6e-5	-5.6e-5	0	0
79	BACK1 B	PY	-5.6e-5	-5.6e-5	0	0
80	BACK PIPE1 B	PY	-0.00191	-0.00191	0	0
81	MBFACE	PY	-0.00296	-0.00296	0	0
82	MBSTAB1	PY	-0.00282	-0.00282	0	0
83	MBSTAB2	PY	-0.00282	-0.00282	0	0
84	MBSTAB3	PY	-0.00282	-0.00282	0	0
85	MBSTAB4	PY	-0.00282	-0.00282	0	0
86	MBTIEBACK	PY	-0.00101	-0.00101	0	0
87	VERT4 C	PY	-0.00127	-0.00127	0	0
88	VERT3 C	PY	-0.00127	-0.00127	0	0
89	VERT2 C	PY	-0.00127	-0.00127	0	0
90	VERT1 C	PY	-0.00127	-0.00127	0	0
91	TIEBACK2 C	PY	-0.00202	-0.00202	0	0
92	TIEBACK1 C	PY	-0.00202	-0.00202	0	0
93	PLATE12 C	PY	-0.00113	-0.00113	0	0
94	PLATE 11 C	PY	-0.00113	-0.00113	0	0
95	PLATE 10 C	PY	-0.00113	-0.00113	0	0
96	PLATE 9 C	PY	-0.00113	-0.00113	0	0
97	PLATE 8 C	PY	-0.00113	-0.00113	0	0
98	PLATE 7 C	PY	-0.00113	-0.00113	0	0
99	PLATE 6 C	PY	-0.00113	-0.00113	0	0
100	PLATE 5 C	PY	-0.00113	-0.00113	0	0
101	PLATE 4 C	PY	-0.00113	-0.00113	0	0
102	PLATE 3 C	PY	-0.00113	-0.00113	0	0
103	PLATE 2 C	PY	-0.00113	-0.00113	0	0
104	PLATE 1 C	PY	-0.00113	-0.00113	0	0
105	MP GAMMA4	PY	-0.00644	-0.00644	0	0
106	MP GAMMA3	PY	-0.00644	-0.00644	0	0
107	MP GAMMA2	PY	-0.00644	-0.00644	0	0
108	MP GAMMA5	PY	-0.00644	-0.00644	0	0
109	KICKER4 C	PY	-0.00196	-0.00196	0	0
110	KICKER3 C	PY	-0.00196	-0.00196	0	0
111	KICKER2 C	PY	-0.00196	-0.00196	0	0
112	KICKER1 C	PY	-0.00196	-0.00196	0	0
113	FACE2 C	PY	-0.00403	-0.00403	0	0
114	FACE1 C	PY	-0.00403	-0.00403	0	0
115	FACE PL4 C	PY	-8.5e-5	-8.5e-5	0	0
116	FACE PL3 C	PY	-8.5e-5	-8.5e-5	0	0
117	FACE PL2 C	PY	-8.5e-5	-8.5e-5	0	0
118	FACE PL1 C	PY	-8.5e-5	-8.5e-5	0	0
119	DIAG2 C	PY	-6.4e-5	-6.4e-5	0	0
120	DIAG1 C	PY	-6.4e-5	-6.4e-5	0	0
121	BACK2 C	PY	-0.00113	-0.00113	0	0
122	BACK1 C	PY	-0.00113	-0.00113	0	0
123	BACK PIPE1 C	PY	-0.00381	-0.00381	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
124	MCFACE	PY	-0.000593	-0.000593	0	0
125	MCSTAB1	PY	-0.000565	-0.000565	0	0
126	MCSTAB2	PY	-0.000565	-0.000565	0	0
127	MCSTAB3	PY	-0.000565	-0.000565	0	0
128	MCSTAB4	PY	-0.000565	-0.000565	0	0
129	MCTIEBACK	PY	-0.000202	-0.000202	0	0
130	VERT4	PX	-0.00011	-0.00011	0	0
131	VERT3	PX	-0.00011	-0.00011	0	0
132	VERT2	PX	-0.00011	-0.00011	0	0
133	VERT1	PX	-0.00011	-0.00011	0	0
134	TIEBACK2	PX	-0.000175	-0.000175	0	0
135	TIEBACK1	PX	-0.000175	-0.000175	0	0
136	PLATE12	PX	-9.8e-5	-9.8e-5	0	0
137	PLATE 11	PX	-9.8e-5	-9.8e-5	0	0
138	PLATE 10	PX	-9.8e-5	-9.8e-5	0	0
139	PLATE 9	PX	-9.8e-5	-9.8e-5	0	0
140	PLATE 8	PX	-9.8e-5	-9.8e-5	0	0
141	PLATE 7	PX	-9.8e-5	-9.8e-5	0	0
142	PLATE 6	PX	-9.8e-5	-9.8e-5	0	0
143	PLATE 5	PX	-9.8e-5	-9.8e-5	0	0
144	PLATE 4	PX	-9.8e-5	-9.8e-5	0	0
145	PLATE 3	PX	-9.8e-5	-9.8e-5	0	0
146	PLATE 2	PX	-9.8e-5	-9.8e-5	0	0
147	PLATE 1	PX	-9.8e-5	-9.8e-5	0	0
148	MP ALPHA4	PX	-0.000558	-0.000558	0	0
149	MP ALPHA3	PX	-0.000558	-0.000558	0	0
150	MP ALPHA2	PX	-0.000558	-0.000558	0	0
151	MP ALPHA5	PX	-0.000558	-0.000558	0	0
152	KICKER4	PX	-0.000169	-0.000169	0	0
153	KICKER3	PX	-0.000169	-0.000169	0	0
154	KICKER2	PX	-0.000169	-0.000169	0	0
155	KICKER1	PX	-0.000169	-0.000169	0	0
156	FACE2	PX	-0.000349	-0.000349	0	0
157	FACE1	PX	-0.000349	-0.000349	0	0
158	FACE PL4	PX	-7.3e-5	-7.3e-5	0	0
159	FACE PL3	PX	-7.3e-5	-7.3e-5	0	0
160	FACE PL2	PX	-7.3e-5	-7.3e-5	0	0
161	FACE PL1	PX	-7.3e-5	-7.3e-5	0	0
162	DIAG2	PX	-5.5e-5	-5.5e-5	0	0
163	DIAG1	PX	-5.5e-5	-5.5e-5	0	0
164	BACK2	PX	-9.8e-5	-9.8e-5	0	0
165	BACK1	PX	-9.8e-5	-9.8e-5	0	0
166	BACK PIPE1	PX	-0.00033	-0.00033	0	0
167	MAFACE	PX	-0.000513	-0.000513	0	0
168	MASTAB1	PX	-0.000489	-0.000489	0	0
169	MASTAB2	PX	-0.000489	-0.000489	0	0
170	MASTAB3	PX	-0.000489	-0.000489	0	0
171	MASTAB4	PX	-0.000489	-0.000489	0	0
172	MATIEBACK	PX	-0.000175	-0.000175	0	0
173	VERT4 B	PX	-0.00011	-0.00011	0	0
174	VERT3 B	PX	-0.00011	-0.00011	0	0
175	VERT2 B	PX	-0.00011	-0.00011	0	0
176	VERT1 B	PX	-0.00011	-0.00011	0	0
177	TIEBACK2 B	PX	-0.000175	-0.000175	0	0
178	TIEBACK1 B	PX	-0.000175	-0.000175	0	0
179	PLATE12 B	PX	-9.8e-5	-9.8e-5	0	0
180	PLATE 11 B	PX	-9.8e-5	-9.8e-5	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
181	PLATE 10 B	PX	-9.8e-5	-9.8e-5	0	0
182	PLATE 9 B	PX	-9.8e-5	-9.8e-5	0	0
183	PLATE 8 B	PX	-9.8e-5	-9.8e-5	0	0
184	PLATE 7 B	PX	-9.8e-5	-9.8e-5	0	0
185	PLATE 6 B	PX	-9.8e-5	-9.8e-5	0	0
186	PLATE 5 B	PX	-9.8e-5	-9.8e-5	0	0
187	PLATE 4 B	PX	-9.8e-5	-9.8e-5	0	0
188	PLATE 3 B	PX	-9.8e-5	-9.8e-5	0	0
189	PLATE 2 B	PX	-9.8e-5	-9.8e-5	0	0
190	PLATE 1 B	PX	-9.8e-5	-9.8e-5	0	0
191	MP BETA4	PX	-0.000558	-0.000558	0	0
192	MP BETA3	PX	-0.000558	-0.000558	0	0
193	MP BETA2	PX	-0.000558	-0.000558	0	0
194	MP BETA5	PX	-0.000558	-0.000558	0	0
195	KICKER4 B	PX	-0.000169	-0.000169	0	0
196	KICKER3 B	PX	-0.000169	-0.000169	0	0
197	KICKER2 B	PX	-0.000169	-0.000169	0	0
198	KICKER1 B	PX	-0.000169	-0.000169	0	0
199	FACE2 B	PX	-0.000349	-0.000349	0	0
200	FACE1 B	PX	-0.000349	-0.000349	0	0
201	FACE PL4 B	PX	-7.3e-5	-7.3e-5	0	0
202	FACE PL3 B	PX	-7.3e-5	-7.3e-5	0	0
203	FACE PL2 B	PX	-7.3e-5	-7.3e-5	0	0
204	FACE PL1 B	PX	-7.3e-5	-7.3e-5	0	0
205	DIAG2 B	PX	-5.5e-5	-5.5e-5	0	0
206	DIAG1 B	PX	-5.5e-5	-5.5e-5	0	0
207	BACK2 B	PX	-9.8e-5	-9.8e-5	0	0
208	BACK1 B	PX	-9.8e-5	-9.8e-5	0	0
209	BACK PIPE1 B	PX	-0.00033	-0.00033	0	0
210	MBFACE	PX	-0.000513	-0.000513	0	0
211	MBSTAB1	PX	-0.000489	-0.000489	0	0
212	MBSTAB2	PX	-0.000489	-0.000489	0	0
213	MBSTAB3	PX	-0.000489	-0.000489	0	0
214	MBSTAB4	PX	-0.000489	-0.000489	0	0
215	MBTIEBACK	PX	-0.000175	-0.000175	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PX	-7.6e-5	-7.6e-5	0	0
2	VERT3	PX	-7.6e-5	-7.6e-5	0	0
3	VERT2	PX	-7.6e-5	-7.6e-5	0	0
4	VERT1	PX	-7.6e-5	-7.6e-5	0	0
5	TIEBACK2	PX	-0.000482	-0.000482	0	0
6	TIEBACK1	PX	-0.000482	-0.000482	0	0
7	PLATE12	PX	-0.000113	-0.000113	0	0
8	PLATE 11	PX	-0.000113	-0.000113	0	0
9	PLATE 10	PX	-0.000113	-0.000113	0	0
10	PLATE 9	PX	-0.000113	-0.000113	0	0
11	PLATE 8	PX	-0.000113	-0.000113	0	0
12	PLATE 7	PX	-0.000113	-0.000113	0	0
13	PLATE 6	PX	-0.000113	-0.000113	0	0
14	PLATE 5	PX	-0.000113	-0.000113	0	0
15	PLATE 4	PX	-0.000113	-0.000113	0	0
16	PLATE 3	PX	-0.000113	-0.000113	0	0
17	PLATE 2	PX	-0.000113	-0.000113	0	0
18	PLATE 1	PX	-0.000113	-0.000113	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
19	MP ALPHA4	PX	-0.00644	-0.00644	0	0
20	MP ALPHA3	PX	-0.00644	-0.00644	0	0
21	MP ALPHA2	PX	-0.00644	-0.00644	0	0
22	MP ALPHA5	PX	-0.00644	-0.00644	0	0
23	KICKER4	PX	-0.00467	-0.00467	0	0
24	KICKER3	PX	-0.00467	-0.00467	0	0
25	KICKER2	PX	-0.00467	-0.00467	0	0
26	KICKER1	PX	-0.00467	-0.00467	0	0
27	FACE2	PX	-0.00241	-0.00241	0	0
28	FACE1	PX	-0.00241	-0.00241	0	0
29	FACE PL4	PX	-8.5e-5	-8.5e-5	0	0
30	FACE PL3	PX	-8.5e-5	-8.5e-5	0	0
31	FACE PL2	PX	-8.5e-5	-8.5e-5	0	0
32	FACE PL1	PX	-8.5e-5	-8.5e-5	0	0
33	DIAG2	PX	-0.00152	-0.00152	0	0
34	DIAG1	PX	-0.00152	-0.00152	0	0
35	BACK2	PX	-0.00113	-0.00113	0	0
36	BACK1	PX	-0.00113	-0.00113	0	0
37	BACK PIPE1	PX	-0.00455	-0.00455	0	0
38	MAFACE	PX	-0.00354	-0.00354	0	0
39	MASTAB1	PX	-0.00565	-0.00565	0	0
40	MASTAB2	PX	-0.00565	-0.00565	0	0
41	MASTAB3	PX	-0.00565	-0.00565	0	0
42	MASTAB4	PX	-0.00565	-0.00565	0	0
43	MATIEBACK	PX	-0.00482	-0.00482	0	0
44	VERT4 B	PY	.00011	.00011	0	0
45	VERT3 B	PY	.00011	.00011	0	0
46	VERT2 B	PY	.00011	.00011	0	0
47	VERT1 B	PY	.00011	.00011	0	0
48	TIEBACK2 B	PY	.000175	.000175	0	0
49	TIEBACK1 B	PY	.000175	.000175	0	0
50	PLATE12 B	PY	9.8e-5	9.8e-5	0	0
51	PLATE 11 B	PY	9.8e-5	9.8e-5	0	0
52	PLATE 10 B	PY	9.8e-5	9.8e-5	0	0
53	PLATE 9 B	PY	9.8e-5	9.8e-5	0	0
54	PLATE 8 B	PY	9.8e-5	9.8e-5	0	0
55	PLATE 7 B	PY	9.8e-5	9.8e-5	0	0
56	PLATE 6 B	PY	9.8e-5	9.8e-5	0	0
57	PLATE 5 B	PY	9.8e-5	9.8e-5	0	0
58	PLATE 4 B	PY	9.8e-5	9.8e-5	0	0
59	PLATE 3 B	PY	9.8e-5	9.8e-5	0	0
60	PLATE 2 B	PY	9.8e-5	9.8e-5	0	0
61	PLATE 1 B	PY	9.8e-5	9.8e-5	0	0
62	MP BETA4	PY	.000558	.000558	0	0
63	MP BETA3	PY	.000558	.000558	0	0
64	MP BETA2	PY	.000558	.000558	0	0
65	MP BETA5	PY	.000558	.000558	0	0
66	KICKER4 B	PY	.000169	.000169	0	0
67	KICKER3 B	PY	.000169	.000169	0	0
68	KICKER2 B	PY	.000169	.000169	0	0
69	KICKER1 B	PY	.000169	.000169	0	0
70	FACE2 B	PY	.000349	.000349	0	0
71	FACE1 B	PY	.000349	.000349	0	0
72	FACE PL4 B	PY	7.3e-5	7.3e-5	0	0
73	FACE PL3 B	PY	7.3e-5	7.3e-5	0	0
74	FACE PL2 B	PY	7.3e-5	7.3e-5	0	0
75	FACE PL1 B	PY	7.3e-5	7.3e-5	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
76	DIAG2 B	PY	5.5e-5	5.5e-5	0 0
77	DIAG1 B	PY	5.5e-5	5.5e-5	0 0
78	BACK2 B	PY	9.8e-5	9.8e-5	0 0
79	BACK1 B	PY	9.8e-5	9.8e-5	0 0
80	BACK PIPE1 B	PY	.00033	.00033	0 0
81	MBFACE	PY	.000513	.000513	0 0
82	MBSTAB1	PY	.000489	.000489	0 0
83	MBSTAB2	PY	.000489	.000489	0 0
84	MBSTAB3	PY	.000489	.000489	0 0
85	MBSTAB4	PY	.000489	.000489	0 0
86	MBTIEBACK	PY	.000175	.000175	0 0
87	VERT4 C	PY	-.00011	-.00011	0 0
88	VERT3 C	PY	-.00011	-.00011	0 0
89	VERT2 C	PY	-.00011	-.00011	0 0
90	VERT1 C	PY	-.00011	-.00011	0 0
91	TIEBACK2 C	PY	-.000175	-.000175	0 0
92	TIEBACK1 C	PY	-.000175	-.000175	0 0
93	PLATE12 C	PY	-9.8e-5	-9.8e-5	0 0
94	PLATE 11 C	PY	-9.8e-5	-9.8e-5	0 0
95	PLATE 10 C	PY	-9.8e-5	-9.8e-5	0 0
96	PLATE 9 C	PY	-9.8e-5	-9.8e-5	0 0
97	PLATE 8 C	PY	-9.8e-5	-9.8e-5	0 0
98	PLATE 7 C	PY	-9.8e-5	-9.8e-5	0 0
99	PLATE 6 C	PY	-9.8e-5	-9.8e-5	0 0
100	PLATE 5 C	PY	-9.8e-5	-9.8e-5	0 0
101	PLATE 4 C	PY	-9.8e-5	-9.8e-5	0 0
102	PLATE 3 C	PY	-9.8e-5	-9.8e-5	0 0
103	PLATE 2 C	PY	-9.8e-5	-9.8e-5	0 0
104	PLATE 1 C	PY	-9.8e-5	-9.8e-5	0 0
105	MP GAMMA4	PY	-.000558	-.000558	0 0
106	MP GAMMA3	PY	-.000558	-.000558	0 0
107	MP GAMMA2	PY	-.000558	-.000558	0 0
108	MP GAMMA5	PY	-.000558	-.000558	0 0
109	KICKER4 C	PY	-.000169	-.000169	0 0
110	KICKER3 C	PY	-.000169	-.000169	0 0
111	KICKER2 C	PY	-.000169	-.000169	0 0
112	KICKER1 C	PY	-.000169	-.000169	0 0
113	FACE2 C	PY	-.000349	-.000349	0 0
114	FACE1 C	PY	-.000349	-.000349	0 0
115	FACE PL4 C	PY	-7.3e-5	-7.3e-5	0 0
116	FACE PL3 C	PY	-7.3e-5	-7.3e-5	0 0
117	FACE PL2 C	PY	-7.3e-5	-7.3e-5	0 0
118	FACE PL1 C	PY	-7.3e-5	-7.3e-5	0 0
119	DIAG2 C	PY	-5.5e-5	-5.5e-5	0 0
120	DIAG1 C	PY	-5.5e-5	-5.5e-5	0 0
121	BACK2 C	PY	-9.8e-5	-9.8e-5	0 0
122	BACK1 C	PY	-9.8e-5	-9.8e-5	0 0
123	BACK PIPE1 C	PY	-.00033	-.00033	0 0
124	MCFACE	PY	-.000513	-.000513	0 0
125	MCSTAB1	PY	-.000489	-.000489	0 0
126	MCSTAB2	PY	-.000489	-.000489	0 0
127	MCSTAB3	PY	-.000489	-.000489	0 0
128	MCSTAB4	PY	-.000489	-.000489	0 0
129	MCTIEBACK	PY	-.000175	-.000175	0 0
130	VERT4 B	PX	-6.4e-5	-6.4e-5	0 0
131	VERT3 B	PX	-6.4e-5	-6.4e-5	0 0
132	VERT2 B	PX	-6.4e-5	-6.4e-5	0 0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
133	VERT1 B	PX	-6.4e-5	-6.4e-5	0	0
134	TIEBACK2 B	PX	-0.00101	-0.00101	0	0
135	TIEBACK1 B	PX	-0.00101	-0.00101	0	0
136	PLATE12 B	PX	-5.6e-5	-5.6e-5	0	0
137	PLATE 11 B	PX	-5.6e-5	-5.6e-5	0	0
138	PLATE 10 B	PX	-5.6e-5	-5.6e-5	0	0
139	PLATE 9 B	PX	-5.6e-5	-5.6e-5	0	0
140	PLATE 8 B	PX	-5.6e-5	-5.6e-5	0	0
141	PLATE 7 B	PX	-5.6e-5	-5.6e-5	0	0
142	PLATE 6 B	PX	-5.6e-5	-5.6e-5	0	0
143	PLATE 5 B	PX	-5.6e-5	-5.6e-5	0	0
144	PLATE 4 B	PX	-5.6e-5	-5.6e-5	0	0
145	PLATE 3 B	PX	-5.6e-5	-5.6e-5	0	0
146	PLATE 2 B	PX	-5.6e-5	-5.6e-5	0	0
147	PLATE 1 B	PX	-5.6e-5	-5.6e-5	0	0
148	MP BETA4	PX	-0.00322	-0.00322	0	0
149	MP BETA3	PX	-0.00322	-0.00322	0	0
150	MP BETA2	PX	-0.00322	-0.00322	0	0
151	MP BETA5	PX	-0.00322	-0.00322	0	0
152	KICKER4 B	PX	-9.8e-5	-9.8e-5	0	0
153	KICKER3 B	PX	-9.8e-5	-9.8e-5	0	0
154	KICKER2 B	PX	-9.8e-5	-9.8e-5	0	0
155	KICKER1 B	PX	-9.8e-5	-9.8e-5	0	0
156	FACE2 B	PX	-0.00202	-0.00202	0	0
157	FACE1 B	PX	-0.00202	-0.00202	0	0
158	FACE PL4 B	PX	-4.2e-5	-4.2e-5	0	0
159	FACE PL3 B	PX	-4.2e-5	-4.2e-5	0	0
160	FACE PL2 B	PX	-4.2e-5	-4.2e-5	0	0
161	FACE PL1 B	PX	-4.2e-5	-4.2e-5	0	0
162	DIAG2 B	PX	-3.2e-5	-3.2e-5	0	0
163	DIAG1 B	PX	-3.2e-5	-3.2e-5	0	0
164	BACK2 B	PX	-5.6e-5	-5.6e-5	0	0
165	BACK1 B	PX	-5.6e-5	-5.6e-5	0	0
166	BACK PIPE1 B	PX	-0.00191	-0.00191	0	0
167	MBFACE	PX	-0.00296	-0.00296	0	0
168	MBSTAB1	PX	-0.00282	-0.00282	0	0
169	MBSTAB2	PX	-0.00282	-0.00282	0	0
170	MBSTAB3	PX	-0.00282	-0.00282	0	0
171	MBSTAB4	PX	-0.00282	-0.00282	0	0
172	MBTIEBACK	PX	-0.00101	-0.00101	0	0
173	VERT4 C	PX	-6.4e-5	-6.4e-5	0	0
174	VERT3 C	PX	-6.4e-5	-6.4e-5	0	0
175	VERT2 C	PX	-6.4e-5	-6.4e-5	0	0
176	VERT1 C	PX	-6.4e-5	-6.4e-5	0	0
177	TIEBACK2 C	PX	-0.00101	-0.00101	0	0
178	TIEBACK1 C	PX	-0.00101	-0.00101	0	0
179	PLATE12 C	PX	-5.6e-5	-5.6e-5	0	0
180	PLATE 11 C	PX	-5.6e-5	-5.6e-5	0	0
181	PLATE 10 C	PX	-5.6e-5	-5.6e-5	0	0
182	PLATE 9 C	PX	-5.6e-5	-5.6e-5	0	0
183	PLATE 8 C	PX	-5.6e-5	-5.6e-5	0	0
184	PLATE 7 C	PX	-5.6e-5	-5.6e-5	0	0
185	PLATE 6 C	PX	-5.6e-5	-5.6e-5	0	0
186	PLATE 5 C	PX	-5.6e-5	-5.6e-5	0	0
187	PLATE 4 C	PX	-5.6e-5	-5.6e-5	0	0
188	PLATE 3 C	PX	-5.6e-5	-5.6e-5	0	0
189	PLATE 2 C	PX	-5.6e-5	-5.6e-5	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
190	PLATE 1 C	PX	-5.6e-5	-5.6e-5	0	0
191	MP GAMMA4	PX	-.000322	-.000322	0	0
192	MP GAMMA3	PX	-.000322	-.000322	0	0
193	MP GAMMA2	PX	-.000322	-.000322	0	0
194	MP GAMMA5	PX	-.000322	-.000322	0	0
195	KICKER4 C	PX	-9.8e-5	-9.8e-5	0	0
196	KICKER3 C	PX	-9.8e-5	-9.8e-5	0	0
197	KICKER2 C	PX	-9.8e-5	-9.8e-5	0	0
198	KICKER1 C	PX	-9.8e-5	-9.8e-5	0	0
199	FACE2 C	PX	-.000202	-.000202	0	0
200	FACE1 C	PX	-.000202	-.000202	0	0
201	FACE PL4 C	PX	-4.2e-5	-4.2e-5	0	0
202	FACE PL3 C	PX	-4.2e-5	-4.2e-5	0	0
203	FACE PL2 C	PX	-4.2e-5	-4.2e-5	0	0
204	FACE PL1 C	PX	-4.2e-5	-4.2e-5	0	0
205	DIAG2 C	PX	-3.2e-5	-3.2e-5	0	0
206	DIAG1 C	PX	-3.2e-5	-3.2e-5	0	0
207	BACK2 C	PX	-5.6e-5	-5.6e-5	0	0
208	BACK1 C	PX	-5.6e-5	-5.6e-5	0	0
209	BACK PIPE1 C	PX	-.000191	-.000191	0	0
210	MCFACE	PX	-.000296	-.000296	0	0
211	MCSTAB1	PX	-.000282	-.000282	0	0
212	MCSTAB2	PX	-.000282	-.000282	0	0
213	MCSTAB3	PX	-.000282	-.000282	0	0
214	MCSTAB4	PX	-.000282	-.000282	0	0
215	MCTIEBACK	PX	-.000101	-.000101	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	6.4e-5	6.4e-5	0	0
2	VERT3	PY	6.4e-5	6.4e-5	0	0
3	VERT2	PY	6.4e-5	6.4e-5	0	0
4	VERT1	PY	6.4e-5	6.4e-5	0	0
5	TIEBACK2	PY	.000101	.000101	0	0
6	TIEBACK1	PY	.000101	.000101	0	0
7	PLATE12	PY	5.6e-5	5.6e-5	0	0
8	PLATE 11	PY	5.6e-5	5.6e-5	0	0
9	PLATE 10	PY	5.6e-5	5.6e-5	0	0
10	PLATE 9	PY	5.6e-5	5.6e-5	0	0
11	PLATE 8	PY	5.6e-5	5.6e-5	0	0
12	PLATE 7	PY	5.6e-5	5.6e-5	0	0
13	PLATE 6	PY	5.6e-5	5.6e-5	0	0
14	PLATE 5	PY	5.6e-5	5.6e-5	0	0
15	PLATE 4	PY	5.6e-5	5.6e-5	0	0
16	PLATE 3	PY	5.6e-5	5.6e-5	0	0
17	PLATE 2	PY	5.6e-5	5.6e-5	0	0
18	PLATE 1	PY	5.6e-5	5.6e-5	0	0
19	MP ALPHA4	PY	.000322	.000322	0	0
20	MP ALPHA3	PY	.000322	.000322	0	0
21	MP ALPHA2	PY	.000322	.000322	0	0
22	MP ALPHA5	PY	.000322	.000322	0	0
23	KICKER4	PY	9.8e-5	9.8e-5	0	0
24	KICKER3	PY	9.8e-5	9.8e-5	0	0
25	KICKER2	PY	9.8e-5	9.8e-5	0	0
26	KICKER1	PY	9.8e-5	9.8e-5	0	0
27	FACE2	PY	.000202	.000202	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
28	FACE1	PY	.000202	.000202	0	0
29	FACE PL4	PY	4.2e-5	4.2e-5	0	0
30	FACE PL3	PY	4.2e-5	4.2e-5	0	0
31	FACE PL2	PY	4.2e-5	4.2e-5	0	0
32	FACE PL1	PY	4.2e-5	4.2e-5	0	0
33	DIAG2	PY	3.2e-5	3.2e-5	0	0
34	DIAG1	PY	3.2e-5	3.2e-5	0	0
35	BACK2	PY	5.6e-5	5.6e-5	0	0
36	BACK1	PY	5.6e-5	5.6e-5	0	0
37	BACK PIPE1	PY	.000191	.000191	0	0
38	MAFACE	PY	.000296	.000296	0	0
39	MASTAB1	PY	.000282	.000282	0	0
40	MASTAB2	PY	.000282	.000282	0	0
41	MASTAB3	PY	.000282	.000282	0	0
42	MASTAB4	PY	.000282	.000282	0	0
43	MATIEBACK	PY	.000101	.000101	0	0
44	VERT4 B	PY	.000127	.000127	0	0
45	VERT3 B	PY	.000127	.000127	0	0
46	VERT2 B	PY	.000127	.000127	0	0
47	VERT1 B	PY	.000127	.000127	0	0
48	TIEBACK2 B	PY	.000202	.000202	0	0
49	TIEBACK1 B	PY	.000202	.000202	0	0
50	PLATE12 B	PY	.000113	.000113	0	0
51	PLATE 11 B	PY	.000113	.000113	0	0
52	PLATE 10 B	PY	.000113	.000113	0	0
53	PLATE 9 B	PY	.000113	.000113	0	0
54	PLATE 8 B	PY	.000113	.000113	0	0
55	PLATE 7 B	PY	.000113	.000113	0	0
56	PLATE 6 B	PY	.000113	.000113	0	0
57	PLATE 5 B	PY	.000113	.000113	0	0
58	PLATE 4 B	PY	.000113	.000113	0	0
59	PLATE 3 B	PY	.000113	.000113	0	0
60	PLATE 2 B	PY	.000113	.000113	0	0
61	PLATE 1 B	PY	.000113	.000113	0	0
62	MP BETA4	PY	.000644	.000644	0	0
63	MP BETA3	PY	.000644	.000644	0	0
64	MP BETA2	PY	.000644	.000644	0	0
65	MP BETA5	PY	.000644	.000644	0	0
66	KICKER4 B	PY	.000196	.000196	0	0
67	KICKER3 B	PY	.000196	.000196	0	0
68	KICKER2 B	PY	.000196	.000196	0	0
69	KICKER1 B	PY	.000196	.000196	0	0
70	FACE2 B	PY	.000403	.000403	0	0
71	FACE1 B	PY	.000403	.000403	0	0
72	FACE PL4 B	PY	8.5e-5	8.5e-5	0	0
73	FACE PL3 B	PY	8.5e-5	8.5e-5	0	0
74	FACE PL2 B	PY	8.5e-5	8.5e-5	0	0
75	FACE PL1 B	PY	8.5e-5	8.5e-5	0	0
76	DIAG2 B	PY	6.4e-5	6.4e-5	0	0
77	DIAG1 B	PY	6.4e-5	6.4e-5	0	0
78	BACK2 B	PY	.000113	.000113	0	0
79	BACK1 B	PY	.000113	.000113	0	0
80	BACK PIPE1 B	PY	.000381	.000381	0	0
81	MBFACE	PY	.000593	.000593	0	0
82	MBSTAB1	PY	.000565	.000565	0	0
83	MBSTAB2	PY	.000565	.000565	0	0
84	MBSTAB3	PY	.000565	.000565	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
85	MBSTAB4	PY	.000565	.000565	0	0
86	MBTIEBACK	PY	.000202	.000202	0	0
87	VERT4 C	PY	6.4e-5	6.4e-5	0	0
88	VERT3 C	PY	6.4e-5	6.4e-5	0	0
89	VERT2 C	PY	6.4e-5	6.4e-5	0	0
90	VERT1 C	PY	6.4e-5	6.4e-5	0	0
91	TIEBACK2 C	PY	.000101	.000101	0	0
92	TIEBACK1 C	PY	.000101	.000101	0	0
93	PLATE12 C	PY	5.6e-5	5.6e-5	0	0
94	PLATE 11 C	PY	5.6e-5	5.6e-5	0	0
95	PLATE 10 C	PY	5.6e-5	5.6e-5	0	0
96	PLATE 9 C	PY	5.6e-5	5.6e-5	0	0
97	PLATE 8 C	PY	5.6e-5	5.6e-5	0	0
98	PLATE 7 C	PY	5.6e-5	5.6e-5	0	0
99	PLATE 6 C	PY	5.6e-5	5.6e-5	0	0
100	PLATE 5 C	PY	5.6e-5	5.6e-5	0	0
101	PLATE 4 C	PY	5.6e-5	5.6e-5	0	0
102	PLATE 3 C	PY	5.6e-5	5.6e-5	0	0
103	PLATE 2 C	PY	5.6e-5	5.6e-5	0	0
104	PLATE 1 C	PY	5.6e-5	5.6e-5	0	0
105	MP GAMMA4	PY	.000322	.000322	0	0
106	MP GAMMA3	PY	.000322	.000322	0	0
107	MP GAMMA2	PY	.000322	.000322	0	0
108	MP GAMMA5	PY	.000322	.000322	0	0
109	KICKER4 C	PY	9.8e-5	9.8e-5	0	0
110	KICKER3 C	PY	9.8e-5	9.8e-5	0	0
111	KICKER2 C	PY	9.8e-5	9.8e-5	0	0
112	KICKER1 C	PY	9.8e-5	9.8e-5	0	0
113	FACE2 C	PY	.000202	.000202	0	0
114	FACE1 C	PY	.000202	.000202	0	0
115	FACE PL4 C	PY	4.2e-5	4.2e-5	0	0
116	FACE PL3 C	PY	4.2e-5	4.2e-5	0	0
117	FACE PL2 C	PY	4.2e-5	4.2e-5	0	0
118	FACE PL1 C	PY	4.2e-5	4.2e-5	0	0
119	DIAG2 C	PY	3.2e-5	3.2e-5	0	0
120	DIAG1 C	PY	3.2e-5	3.2e-5	0	0
121	BACK2 C	PY	5.6e-5	5.6e-5	0	0
122	BACK1 C	PY	5.6e-5	5.6e-5	0	0
123	BACK PIPE1 C	PY	.000191	.000191	0	0
124	MCFACE	PY	.000296	.000296	0	0
125	MCSTAB1	PY	.000282	.000282	0	0
126	MCSTAB2	PY	.000282	.000282	0	0
127	MCSTAB3	PY	.000282	.000282	0	0
128	MCSTAB4	PY	.000282	.000282	0	0
129	MCTIEBACK	PY	.000101	.000101	0	0
130	VERT4	PX	-.00011	-.00011	0	0
131	VERT3	PX	-.00011	-.00011	0	0
132	VERT2	PX	-.00011	-.00011	0	0
133	VERT1	PX	-.00011	-.00011	0	0
134	TIEBACK2	PX	-.000175	-.000175	0	0
135	TIEBACK1	PX	-.000175	-.000175	0	0
136	PLATE12	PX	-9.8e-5	-9.8e-5	0	0
137	PLATE 11	PX	-9.8e-5	-9.8e-5	0	0
138	PLATE 10	PX	-9.8e-5	-9.8e-5	0	0
139	PLATE 9	PX	-9.8e-5	-9.8e-5	0	0
140	PLATE 8	PX	-9.8e-5	-9.8e-5	0	0
141	PLATE 7	PX	-9.8e-5	-9.8e-5	0	0



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

Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
142	PLATE 6	PX	-9.8e-5	-9.8e-5	0 0
143	PLATE 5	PX	-9.8e-5	-9.8e-5	0 0
144	PLATE 4	PX	-9.8e-5	-9.8e-5	0 0
145	PLATE 3	PX	-9.8e-5	-9.8e-5	0 0
146	PLATE 2	PX	-9.8e-5	-9.8e-5	0 0
147	PLATE 1	PX	-9.8e-5	-9.8e-5	0 0
148	MP ALPHA4	PX	-0.000558	-0.000558	0 0
149	MP ALPHA3	PX	-0.000558	-0.000558	0 0
150	MP ALPHA2	PX	-0.000558	-0.000558	0 0
151	MP ALPHA5	PX	-0.000558	-0.000558	0 0
152	KICKER4	PX	-0.00169	-0.00169	0 0
153	KICKER3	PX	-0.00169	-0.00169	0 0
154	KICKER2	PX	-0.00169	-0.00169	0 0
155	KICKER1	PX	-0.00169	-0.00169	0 0
156	FACE2	PX	-0.000349	-0.000349	0 0
157	FACE1	PX	-0.000349	-0.000349	0 0
158	FACE PL4	PX	-7.3e-5	-7.3e-5	0 0
159	FACE PL3	PX	-7.3e-5	-7.3e-5	0 0
160	FACE PL2	PX	-7.3e-5	-7.3e-5	0 0
161	FACE PL1	PX	-7.3e-5	-7.3e-5	0 0
162	DIAG2	PX	-5.5e-5	-5.5e-5	0 0
163	DIAG1	PX	-5.5e-5	-5.5e-5	0 0
164	BACK2	PX	-9.8e-5	-9.8e-5	0 0
165	BACK1	PX	-9.8e-5	-9.8e-5	0 0
166	BACK PIPE1	PX	-0.00033	-0.00033	0 0
167	MAFACE	PX	-0.000513	-0.000513	0 0
168	MASTAB1	PX	-0.000489	-0.000489	0 0
169	MASTAB2	PX	-0.000489	-0.000489	0 0
170	MASTAB3	PX	-0.000489	-0.000489	0 0
171	MASTAB4	PX	-0.000489	-0.000489	0 0
172	MATIEBACK	PX	-0.000175	-0.000175	0 0
173	VERT4 C	PX	-0.00011	-0.00011	0 0
174	VERT3 C	PX	-0.00011	-0.00011	0 0
175	VERT2 C	PX	-0.00011	-0.00011	0 0
176	VERT1 C	PX	-0.00011	-0.00011	0 0
177	TIEBACK2 C	PX	-0.000175	-0.000175	0 0
178	TIEBACK1 C	PX	-0.000175	-0.000175	0 0
179	PLATE12 C	PX	-9.8e-5	-9.8e-5	0 0
180	PLATE 11 C	PX	-9.8e-5	-9.8e-5	0 0
181	PLATE 10 C	PX	-9.8e-5	-9.8e-5	0 0
182	PLATE 9 C	PX	-9.8e-5	-9.8e-5	0 0
183	PLATE 8 C	PX	-9.8e-5	-9.8e-5	0 0
184	PLATE 7 C	PX	-9.8e-5	-9.8e-5	0 0
185	PLATE 6 C	PX	-9.8e-5	-9.8e-5	0 0
186	PLATE 5 C	PX	-9.8e-5	-9.8e-5	0 0
187	PLATE 4 C	PX	-9.8e-5	-9.8e-5	0 0
188	PLATE 3 C	PX	-9.8e-5	-9.8e-5	0 0
189	PLATE 2 C	PX	-9.8e-5	-9.8e-5	0 0
190	PLATE 1 C	PX	-9.8e-5	-9.8e-5	0 0
191	MP GAMMA4	PX	-0.000558	-0.000558	0 0
192	MP GAMMA3	PX	-0.000558	-0.000558	0 0
193	MP GAMMA2	PX	-0.000558	-0.000558	0 0
194	MP GAMMA5	PX	-0.000558	-0.000558	0 0
195	KICKER4 C	PX	-0.000169	-0.000169	0 0
196	KICKER3 C	PX	-0.000169	-0.000169	0 0
197	KICKER2 C	PX	-0.000169	-0.000169	0 0
198	KICKER1 C	PX	-0.000169	-0.000169	0 0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
199	FACE2 C	PX	-0.000349	-0.000349	0	0
200	FACE1 C	PX	-0.000349	-0.000349	0	0
201	FACE PL4 C	PX	-7.3e-5	-7.3e-5	0	0
202	FACE PL3 C	PX	-7.3e-5	-7.3e-5	0	0
203	FACE PL2 C	PX	-7.3e-5	-7.3e-5	0	0
204	FACE PL1 C	PX	-7.3e-5	-7.3e-5	0	0
205	DIAG2 C	PX	-5.5e-5	-5.5e-5	0	0
206	DIAG1 C	PX	-5.5e-5	-5.5e-5	0	0
207	BACK2 C	PX	-9.8e-5	-9.8e-5	0	0
208	BACK1 C	PX	-9.8e-5	-9.8e-5	0	0
209	BACK PIPE1 C	PX	-0.00033	-0.00033	0	0
210	MCFACE	PX	-0.000513	-0.000513	0	0
211	MCSTAB1	PX	-0.000489	-0.000489	0	0
212	MCSTAB2	PX	-0.000489	-0.000489	0	0
213	MCSTAB3	PX	-0.000489	-0.000489	0	0
214	MCSTAB4	PX	-0.000489	-0.000489	0	0
215	MCTIEBACK	PX	-0.000175	-0.000175	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	.00011	.00011	0	0
2	VERT3	PY	.00011	.00011	0	0
3	VERT2	PY	.00011	.00011	0	0
4	VERT1	PY	.00011	.00011	0	0
5	TIEBACK2	PY	.000175	.000175	0	0
6	TIEBACK1	PY	.000175	.000175	0	0
7	PLATE12	PY	9.8e-5	9.8e-5	0	0
8	PLATE 11	PY	9.8e-5	9.8e-5	0	0
9	PLATE 10	PY	9.8e-5	9.8e-5	0	0
10	PLATE 9	PY	9.8e-5	9.8e-5	0	0
11	PLATE 8	PY	9.8e-5	9.8e-5	0	0
12	PLATE 7	PY	9.8e-5	9.8e-5	0	0
13	PLATE 6	PY	9.8e-5	9.8e-5	0	0
14	PLATE 5	PY	9.8e-5	9.8e-5	0	0
15	PLATE 4	PY	9.8e-5	9.8e-5	0	0
16	PLATE 3	PY	9.8e-5	9.8e-5	0	0
17	PLATE 2	PY	9.8e-5	9.8e-5	0	0
18	PLATE 1	PY	9.8e-5	9.8e-5	0	0
19	MP ALPHA4	PY	.000558	.000558	0	0
20	MP ALPHA3	PY	.000558	.000558	0	0
21	MP ALPHA2	PY	.000558	.000558	0	0
22	MP ALPHA5	PY	.000558	.000558	0	0
23	KICKER4	PY	.000169	.000169	0	0
24	KICKER3	PY	.000169	.000169	0	0
25	KICKER2	PY	.000169	.000169	0	0
26	KICKER1	PY	.000169	.000169	0	0
27	FACE2	PY	.000349	.000349	0	0
28	FACE1	PY	.000349	.000349	0	0
29	FACE PL4	PY	7.3e-5	7.3e-5	0	0
30	FACE PL3	PY	7.3e-5	7.3e-5	0	0
31	FACE PL2	PY	7.3e-5	7.3e-5	0	0
32	FACE PL1	PY	7.3e-5	7.3e-5	0	0
33	DIAG2	PY	5.5e-5	5.5e-5	0	0
34	DIAG1	PY	5.5e-5	5.5e-5	0	0
35	BACK2	PY	9.8e-5	9.8e-5	0	0
36	BACK1	PY	9.8e-5	9.8e-5	0	0



Company : POD Group
 Designer : JMM
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 Model Name : 803934

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
37	BACK PIPE1	PY	.00033	.00033	0	0
38	MAFACE	PY	.000513	.000513	0	0
39	MASTAB1	PY	.000489	.000489	0	0
40	MASTAB2	PY	.000489	.000489	0	0
41	MASTAB3	PY	.000489	.000489	0	0
42	MASTAB4	PY	.000489	.000489	0	0
43	MATIEBACK	PY	.000175	.000175	0	0
44	VERT4 B	PY	.00011	.00011	0	0
45	VERT3 B	PY	.00011	.00011	0	0
46	VERT2 B	PY	.00011	.00011	0	0
47	VERT1 B	PY	.00011	.00011	0	0
48	TIEBACK2 B	PY	.000175	.000175	0	0
49	TIEBACK1 B	PY	.000175	.000175	0	0
50	PLATE12 B	PY	9.8e-5	9.8e-5	0	0
51	PLATE 11 B	PY	9.8e-5	9.8e-5	0	0
52	PLATE 10 B	PY	9.8e-5	9.8e-5	0	0
53	PLATE 9 B	PY	9.8e-5	9.8e-5	0	0
54	PLATE 8 B	PY	9.8e-5	9.8e-5	0	0
55	PLATE 7 B	PY	9.8e-5	9.8e-5	0	0
56	PLATE 6 B	PY	9.8e-5	9.8e-5	0	0
57	PLATE 5 B	PY	9.8e-5	9.8e-5	0	0
58	PLATE 4 B	PY	9.8e-5	9.8e-5	0	0
59	PLATE 3 B	PY	9.8e-5	9.8e-5	0	0
60	PLATE 2 B	PY	9.8e-5	9.8e-5	0	0
61	PLATE 1 B	PY	9.8e-5	9.8e-5	0	0
62	MP BETA4	PY	.000558	.000558	0	0
63	MP BETA3	PY	.000558	.000558	0	0
64	MP BETA2	PY	.000558	.000558	0	0
65	MP BETA5	PY	.000558	.000558	0	0
66	KICKER4 B	PY	.000169	.000169	0	0
67	KICKER3 B	PY	.000169	.000169	0	0
68	KICKER2 B	PY	.000169	.000169	0	0
69	KICKER1 B	PY	.000169	.000169	0	0
70	FACE2 B	PY	.000349	.000349	0	0
71	FACE1 B	PY	.000349	.000349	0	0
72	FACE PL4 B	PY	7.3e-5	7.3e-5	0	0
73	FACE PL3 B	PY	7.3e-5	7.3e-5	0	0
74	FACE PL2 B	PY	7.3e-5	7.3e-5	0	0
75	FACE PL1 B	PY	7.3e-5	7.3e-5	0	0
76	DIAG2 B	PY	5.5e-5	5.5e-5	0	0
77	DIAG1 B	PY	5.5e-5	5.5e-5	0	0
78	BACK2 B	PY	9.8e-5	9.8e-5	0	0
79	BACK1 B	PY	9.8e-5	9.8e-5	0	0
80	BACK PIPE1 B	PY	.00033	.00033	0	0
81	MBFACE	PY	.000513	.000513	0	0
82	MBSTAB1	PY	.000489	.000489	0	0
83	MBSTAB2	PY	.000489	.000489	0	0
84	MBSTAB3	PY	.000489	.000489	0	0
85	MBSTAB4	PY	.000489	.000489	0	0
86	MBTIEBACK	PY	.000175	.000175	0	0
87	VERT4 C	PX	-7.6e-5	-7.6e-5	0	0
88	VERT3 C	PX	-7.6e-5	-7.6e-5	0	0
89	VERT2 C	PX	-7.6e-5	-7.6e-5	0	0
90	VERT1 C	PX	-7.6e-5	-7.6e-5	0	0
91	TIEBACK2 C	PX	-.000482	-.000482	0	0
92	TIEBACK1 C	PX	-.000482	-.000482	0	0
93	PLATE12 C	PX	-.000113	-.000113	0	0



Company : POD Group
 Designer : JMM
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Member Distributed Loads (BLC 20 : Maintenance (150)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
94	PLATE 11 C	PX	-0.00113	-0.00113	0	0
95	PLATE 10 C	PX	-0.00113	-0.00113	0	0
96	PLATE 9 C	PX	-0.00113	-0.00113	0	0
97	PLATE 8 C	PX	-0.00113	-0.00113	0	0
98	PLATE 7 C	PX	-0.00113	-0.00113	0	0
99	PLATE 6 C	PX	-0.00113	-0.00113	0	0
100	PLATE 5 C	PX	-0.00113	-0.00113	0	0
101	PLATE 4 C	PX	-0.00113	-0.00113	0	0
102	PLATE 3 C	PX	-0.00113	-0.00113	0	0
103	PLATE 2 C	PX	-0.00113	-0.00113	0	0
104	PLATE 1 C	PX	-0.00113	-0.00113	0	0
105	MP GAMMA4	PX	-0.00644	-0.00644	0	0
106	MP GAMMA3	PX	-0.00644	-0.00644	0	0
107	MP GAMMA2	PX	-0.00644	-0.00644	0	0
108	MP GAMMA5	PX	-0.00644	-0.00644	0	0
109	KICKER4 C	PX	-0.00467	-0.00467	0	0
110	KICKER3 C	PX	-0.00467	-0.00467	0	0
111	KICKER2 C	PX	-0.00467	-0.00467	0	0
112	KICKER1 C	PX	-0.00467	-0.00467	0	0
113	FACE2 C	PX	-0.00241	-0.00241	0	0
114	FACE1 C	PX	-0.00241	-0.00241	0	0
115	FACE PL4 C	PX	-8.5e-5	-8.5e-5	0	0
116	FACE PL3 C	PX	-8.5e-5	-8.5e-5	0	0
117	FACE PL2 C	PX	-8.5e-5	-8.5e-5	0	0
118	FACE PL1 C	PX	-8.5e-5	-8.5e-5	0	0
119	DIAG2 C	PX	-0.00152	-0.00152	0	0
120	DIAG1 C	PX	-0.00152	-0.00152	0	0
121	BACK2 C	PX	-0.00113	-0.00113	0	0
122	BACK1 C	PX	-0.00113	-0.00113	0	0
123	BACK PIPE1 C	PX	-0.00455	-0.00455	0	0
124	MCFACE	PX	-0.00354	-0.00354	0	0
125	MCSTAB1	PX	-0.00565	-0.00565	0	0
126	MCSTAB2	PX	-0.00565	-0.00565	0	0
127	MCSTAB3	PX	-0.00565	-0.00565	0	0
128	MCSTAB4	PX	-0.00565	-0.00565	0	0
129	MCTIEBACK	PX	-0.00482	-0.00482	0	0
130	VERT4	PX	-6.4e-5	-6.4e-5	0	0
131	VERT3	PX	-6.4e-5	-6.4e-5	0	0
132	VERT2	PX	-6.4e-5	-6.4e-5	0	0
133	VERT1	PX	-6.4e-5	-6.4e-5	0	0
134	TIEBACK2	PX	-0.00101	-0.00101	0	0
135	TIEBACK1	PX	-0.00101	-0.00101	0	0
136	PLATE12	PX	-5.6e-5	-5.6e-5	0	0
137	PLATE 11	PX	-5.6e-5	-5.6e-5	0	0
138	PLATE 10	PX	-5.6e-5	-5.6e-5	0	0
139	PLATE 9	PX	-5.6e-5	-5.6e-5	0	0
140	PLATE 8	PX	-5.6e-5	-5.6e-5	0	0
141	PLATE 7	PX	-5.6e-5	-5.6e-5	0	0
142	PLATE 6	PX	-5.6e-5	-5.6e-5	0	0
143	PLATE 5	PX	-5.6e-5	-5.6e-5	0	0
144	PLATE 4	PX	-5.6e-5	-5.6e-5	0	0
145	PLATE 3	PX	-5.6e-5	-5.6e-5	0	0
146	PLATE 2	PX	-5.6e-5	-5.6e-5	0	0
147	PLATE 1	PX	-5.6e-5	-5.6e-5	0	0
148	MP ALPHA4	PX	-0.00322	-0.00322	0	0
149	MP ALPHA3	PX	-0.00322	-0.00322	0	0
150	MP ALPHA2	PX	-0.00322	-0.00322	0	0



Company : POD Group
 Designer : JMM
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Member Distributed Loads (BLC 20 : Maintenance (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
151	MP ALPHA5	PX	-0.000322	-0.000322	0 0
152	KICKER4	PX	-9.8e-5	-9.8e-5	0 0
153	KICKER3	PX	-9.8e-5	-9.8e-5	0 0
154	KICKER2	PX	-9.8e-5	-9.8e-5	0 0
155	KICKER1	PX	-9.8e-5	-9.8e-5	0 0
156	FACE2	PX	-0.000202	-0.000202	0 0
157	FACE1	PX	-0.000202	-0.000202	0 0
158	FACE PL4	PX	-4.2e-5	-4.2e-5	0 0
159	FACE PL3	PX	-4.2e-5	-4.2e-5	0 0
160	FACE PL2	PX	-4.2e-5	-4.2e-5	0 0
161	FACE PL1	PX	-4.2e-5	-4.2e-5	0 0
162	DIAG2	PX	-3.2e-5	-3.2e-5	0 0
163	DIAG1	PX	-3.2e-5	-3.2e-5	0 0
164	BACK2	PX	-5.6e-5	-5.6e-5	0 0
165	BACK1	PX	-5.6e-5	-5.6e-5	0 0
166	BACK PIPE1	PX	-0.000191	-0.000191	0 0
167	MAFACE	PX	-0.000296	-0.000296	0 0
168	MASTAB1	PX	-0.000282	-0.000282	0 0
169	MASTAB2	PX	-0.000282	-0.000282	0 0
170	MASTAB3	PX	-0.000282	-0.000282	0 0
171	MASTAB4	PX	-0.000282	-0.000282	0 0
172	MATIEBACK	PX	-0.000101	-0.000101	0 0
173	VERT4 B	PX	-6.4e-5	-6.4e-5	0 0
174	VERT3 B	PX	-6.4e-5	-6.4e-5	0 0
175	VERT2 B	PX	-6.4e-5	-6.4e-5	0 0
176	VERT1 B	PX	-6.4e-5	-6.4e-5	0 0
177	TIEBACK2 B	PX	-0.000101	-0.000101	0 0
178	TIEBACK1 B	PX	-0.000101	-0.000101	0 0
179	PLATE12 B	PX	-5.6e-5	-5.6e-5	0 0
180	PLATE 11 B	PX	-5.6e-5	-5.6e-5	0 0
181	PLATE 10 B	PX	-5.6e-5	-5.6e-5	0 0
182	PLATE 9 B	PX	-5.6e-5	-5.6e-5	0 0
183	PLATE 8 B	PX	-5.6e-5	-5.6e-5	0 0
184	PLATE 7 B	PX	-5.6e-5	-5.6e-5	0 0
185	PLATE 6 B	PX	-5.6e-5	-5.6e-5	0 0
186	PLATE 5 B	PX	-5.6e-5	-5.6e-5	0 0
187	PLATE 4 B	PX	-5.6e-5	-5.6e-5	0 0
188	PLATE 3 B	PX	-5.6e-5	-5.6e-5	0 0
189	PLATE 2 B	PX	-5.6e-5	-5.6e-5	0 0
190	PLATE 1 B	PX	-5.6e-5	-5.6e-5	0 0
191	MP BETA4	PX	-0.000322	-0.000322	0 0
192	MP BETA3	PX	-0.000322	-0.000322	0 0
193	MP BETA2	PX	-0.000322	-0.000322	0 0
194	MP BETA5	PX	-0.000322	-0.000322	0 0
195	KICKER4 B	PX	-9.8e-5	-9.8e-5	0 0
196	KICKER3 B	PX	-9.8e-5	-9.8e-5	0 0
197	KICKER2 B	PX	-9.8e-5	-9.8e-5	0 0
198	KICKER1 B	PX	-9.8e-5	-9.8e-5	0 0
199	FACE2 B	PX	-0.000202	-0.000202	0 0
200	FACE1 B	PX	-0.000202	-0.000202	0 0
201	FACE PL4 B	PX	-4.2e-5	-4.2e-5	0 0
202	FACE PL3 B	PX	-4.2e-5	-4.2e-5	0 0
203	FACE PL2 B	PX	-4.2e-5	-4.2e-5	0 0
204	FACE PL1 B	PX	-4.2e-5	-4.2e-5	0 0
205	DIAG2 B	PX	-3.2e-5	-3.2e-5	0 0
206	DIAG1 B	PX	-3.2e-5	-3.2e-5	0 0
207	BACK2 B	PX	-5.6e-5	-5.6e-5	0 0



Company : POD Group
 Designer : JMM
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Member Distributed Loads (BLC 20 : Maintenance (150)) (Continued)

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
208	BACK1 B	PX	-5.6e-5	-5.6e-5	0	0
209	BACK PIPE1 B	PX	-0.00191	-0.00191	0	0
210	MBFACE	PX	-0.00296	-0.00296	0	0
211	MBSTAB1	PX	-0.00282	-0.00282	0	0
212	MBSTAB2	PX	-0.00282	-0.00282	0	0
213	MBSTAB3	PX	-0.00282	-0.00282	0	0
214	MBSTAB4	PX	-0.00282	-0.00282	0	0
215	MBTIEBACK	PX	-0.00101	-0.00101	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	.000127	.000127	0	0
2	VERT3	PY	.000127	.000127	0	0
3	VERT2	PY	.000127	.000127	0	0
4	VERT1	PY	.000127	.000127	0	0
5	TIEBACK2	PY	.000202	.000202	0	0
6	TIEBACK1	PY	.000202	.000202	0	0
7	PLATE12	PY	.000113	.000113	0	0
8	PLATE 11	PY	.000113	.000113	0	0
9	PLATE 10	PY	.000113	.000113	0	0
10	PLATE 9	PY	.000113	.000113	0	0
11	PLATE 8	PY	.000113	.000113	0	0
12	PLATE 7	PY	.000113	.000113	0	0
13	PLATE 6	PY	.000113	.000113	0	0
14	PLATE 5	PY	.000113	.000113	0	0
15	PLATE 4	PY	.000113	.000113	0	0
16	PLATE 3	PY	.000113	.000113	0	0
17	PLATE 2	PY	.000113	.000113	0	0
18	PLATE 1	PY	.000113	.000113	0	0
19	MP ALPHA4	PY	.000644	.000644	0	0
20	MP ALPHA3	PY	.000644	.000644	0	0
21	MP ALPHA2	PY	.000644	.000644	0	0
22	MP ALPHA5	PY	.000644	.000644	0	0
23	KICKER4	PY	.000196	.000196	0	0
24	KICKER3	PY	.000196	.000196	0	0
25	KICKER2	PY	.000196	.000196	0	0
26	KICKER1	PY	.000196	.000196	0	0
27	FACE2	PY	.000403	.000403	0	0
28	FACE1	PY	.000403	.000403	0	0
29	FACE PL4	PY	8.5e-5	8.5e-5	0	0
30	FACE PL3	PY	8.5e-5	8.5e-5	0	0
31	FACE PL2	PY	8.5e-5	8.5e-5	0	0
32	FACE PL1	PY	8.5e-5	8.5e-5	0	0
33	DIAG2	PY	6.4e-5	6.4e-5	0	0
34	DIAG1	PY	6.4e-5	6.4e-5	0	0
35	BACK2	PY	.000113	.000113	0	0
36	BACK1	PY	.000113	.000113	0	0
37	BACK PIPE1	PY	.000381	.000381	0	0
38	MAFACE	PY	.000593	.000593	0	0
39	MASTAB1	PY	.000565	.000565	0	0
40	MASTAB2	PY	.000565	.000565	0	0
41	MASTAB3	PY	.000565	.000565	0	0
42	MASTAB4	PY	.000565	.000565	0	0
43	MATIEBACK	PY	.000202	.000202	0	0
44	VERT4 B	PY	6.4e-5	6.4e-5	0	0
45	VERT3 B	PY	6.4e-5	6.4e-5	0	0



Company : POD Group
 Designer : JMM
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Member Distributed Loads (BLC 21 : Maintenance (180)) (Continued)

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
46	VERT2 B	PY	6.4e-5	6.4e-5	0	0
47	VERT1 B	PY	6.4e-5	6.4e-5	0	0
48	TIEBACK2 B	PY	.000101	.000101	0	0
49	TIEBACK1 B	PY	.000101	.000101	0	0
50	PLATE12 B	PY	5.6e-5	5.6e-5	0	0
51	PLATE 11 B	PY	5.6e-5	5.6e-5	0	0
52	PLATE 10 B	PY	5.6e-5	5.6e-5	0	0
53	PLATE 9 B	PY	5.6e-5	5.6e-5	0	0
54	PLATE 8 B	PY	5.6e-5	5.6e-5	0	0
55	PLATE 7 B	PY	5.6e-5	5.6e-5	0	0
56	PLATE 6 B	PY	5.6e-5	5.6e-5	0	0
57	PLATE 5 B	PY	5.6e-5	5.6e-5	0	0
58	PLATE 4 B	PY	5.6e-5	5.6e-5	0	0
59	PLATE 3 B	PY	5.6e-5	5.6e-5	0	0
60	PLATE 2 B	PY	5.6e-5	5.6e-5	0	0
61	PLATE 1 B	PY	5.6e-5	5.6e-5	0	0
62	MP BETA4	PY	.000322	.000322	0	0
63	MP BETA3	PY	.000322	.000322	0	0
64	MP BETA2	PY	.000322	.000322	0	0
65	MP BETA5	PY	.000322	.000322	0	0
66	KICKER4 B	PY	9.8e-5	9.8e-5	0	0
67	KICKER3 B	PY	9.8e-5	9.8e-5	0	0
68	KICKER2 B	PY	9.8e-5	9.8e-5	0	0
69	KICKER1 B	PY	9.8e-5	9.8e-5	0	0
70	FACE2 B	PY	.000202	.000202	0	0
71	FACE1 B	PY	.000202	.000202	0	0
72	FACE PL4 B	PY	4.2e-5	4.2e-5	0	0
73	FACE PL3 B	PY	4.2e-5	4.2e-5	0	0
74	FACE PL2 B	PY	4.2e-5	4.2e-5	0	0
75	FACE PL1 B	PY	4.2e-5	4.2e-5	0	0
76	DIAG2 B	PY	3.2e-5	3.2e-5	0	0
77	DIAG1 B	PY	3.2e-5	3.2e-5	0	0
78	BACK2 B	PY	5.6e-5	5.6e-5	0	0
79	BACK1 B	PY	5.6e-5	5.6e-5	0	0
80	BACK PIPE1 B	PY	.000191	.000191	0	0
81	MBFACE	PY	.000296	.000296	0	0
82	MBSTAB1	PY	.000282	.000282	0	0
83	MBSTAB2	PY	.000282	.000282	0	0
84	MBSTAB3	PY	.000282	.000282	0	0
85	MBSTAB4	PY	.000282	.000282	0	0
86	MBTIEBACK	PY	.000101	.000101	0	0
87	VERT4 C	PY	6.4e-5	6.4e-5	0	0
88	VERT3 C	PY	6.4e-5	6.4e-5	0	0
89	VERT2 C	PY	6.4e-5	6.4e-5	0	0
90	VERT1 C	PY	6.4e-5	6.4e-5	0	0
91	TIEBACK2 C	PY	.000101	.000101	0	0
92	TIEBACK1 C	PY	.000101	.000101	0	0
93	PLATE12 C	PY	5.6e-5	5.6e-5	0	0
94	PLATE 11 C	PY	5.6e-5	5.6e-5	0	0
95	PLATE 10 C	PY	5.6e-5	5.6e-5	0	0
96	PLATE 9 C	PY	5.6e-5	5.6e-5	0	0
97	PLATE 8 C	PY	5.6e-5	5.6e-5	0	0
98	PLATE 7 C	PY	5.6e-5	5.6e-5	0	0
99	PLATE 6 C	PY	5.6e-5	5.6e-5	0	0
100	PLATE 5 C	PY	5.6e-5	5.6e-5	0	0
101	PLATE 4 C	PY	5.6e-5	5.6e-5	0	0
102	PLATE 3 C	PY	5.6e-5	5.6e-5	0	0



Company : POD Group
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Member Distributed Loads (BLC 21 : Maintenance (180)) (Continued)

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
103	PLATE 2 C	PY	5.6e-5	5.6e-5	0	0
104	PLATE 1 C	PY	5.6e-5	5.6e-5	0	0
105	MP GAMMA4	PY	.000322	.000322	0	0
106	MP GAMMA3	PY	.000322	.000322	0	0
107	MP GAMMA2	PY	.000322	.000322	0	0
108	MP GAMMA5	PY	.000322	.000322	0	0
109	KICKER4 C	PY	9.8e-5	9.8e-5	0	0
110	KICKER3 C	PY	9.8e-5	9.8e-5	0	0
111	KICKER2 C	PY	9.8e-5	9.8e-5	0	0
112	KICKER1 C	PY	9.8e-5	9.8e-5	0	0
113	FACE2 C	PY	.000202	.000202	0	0
114	FACE1 C	PY	.000202	.000202	0	0
115	FACE PL4 C	PY	4.2e-5	4.2e-5	0	0
116	FACE PL3 C	PY	4.2e-5	4.2e-5	0	0
117	FACE PL2 C	PY	4.2e-5	4.2e-5	0	0
118	FACE PL1 C	PY	4.2e-5	4.2e-5	0	0
119	DIAG2 C	PY	3.2e-5	3.2e-5	0	0
120	DIAG1 C	PY	3.2e-5	3.2e-5	0	0
121	BACK2 C	PY	5.6e-5	5.6e-5	0	0
122	BACK1 C	PY	5.6e-5	5.6e-5	0	0
123	BACK PIPE1 C	PY	.000191	.000191	0	0
124	MCFACE	PY	.000296	.000296	0	0
125	MCSTAB1	PY	.000282	.000282	0	0
126	MCSTAB2	PY	.000282	.000282	0	0
127	MCSTAB3	PY	.000282	.000282	0	0
128	MCSTAB4	PY	.000282	.000282	0	0
129	MCTIEBACK	PY	.000101	.000101	0	0
130	VERT4 B	PX	-.00011	-.00011	0	0
131	VERT3 B	PX	-.00011	-.00011	0	0
132	VERT2 B	PX	-.00011	-.00011	0	0
133	VERT1 B	PX	-.00011	-.00011	0	0
134	TIEBACK2 B	PX	-.000175	-.000175	0	0
135	TIEBACK1 B	PX	-.000175	-.000175	0	0
136	PLATE12 B	PX	-9.8e-5	-9.8e-5	0	0
137	PLATE 11 B	PX	-9.8e-5	-9.8e-5	0	0
138	PLATE 10 B	PX	-9.8e-5	-9.8e-5	0	0
139	PLATE 9 B	PX	-9.8e-5	-9.8e-5	0	0
140	PLATE 8 B	PX	-9.8e-5	-9.8e-5	0	0
141	PLATE 7 B	PX	-9.8e-5	-9.8e-5	0	0
142	PLATE 6 B	PX	-9.8e-5	-9.8e-5	0	0
143	PLATE 5 B	PX	-9.8e-5	-9.8e-5	0	0
144	PLATE 4 B	PX	-9.8e-5	-9.8e-5	0	0
145	PLATE 3 B	PX	-9.8e-5	-9.8e-5	0	0
146	PLATE 2 B	PX	-9.8e-5	-9.8e-5	0	0
147	PLATE 1 B	PX	-9.8e-5	-9.8e-5	0	0
148	MP BETA4	PX	-.000558	-.000558	0	0
149	MP BETA3	PX	-.000558	-.000558	0	0
150	MP BETA2	PX	-.000558	-.000558	0	0
151	MP BETA5	PX	-.000558	-.000558	0	0
152	KICKER4 B	PX	-.000169	-.000169	0	0
153	KICKER3 B	PX	-.000169	-.000169	0	0
154	KICKER2 B	PX	-.000169	-.000169	0	0
155	KICKER1 B	PX	-.000169	-.000169	0	0
156	FACE2 B	PX	-.000349	-.000349	0	0
157	FACE1 B	PX	-.000349	-.000349	0	0
158	FACE PL4 B	PX	-7.3e-5	-7.3e-5	0	0
159	FACE PL3 B	PX	-7.3e-5	-7.3e-5	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
160	FACE PL2 B	PX	-7.3e-5	-7.3e-5	0	0
161	FACE PL1 B	PX	-7.3e-5	-7.3e-5	0	0
162	DIAG2 B	PX	-5.5e-5	-5.5e-5	0	0
163	DIAG1 B	PX	-5.5e-5	-5.5e-5	0	0
164	BACK2 B	PX	-9.8e-5	-9.8e-5	0	0
165	BACK1 B	PX	-9.8e-5	-9.8e-5	0	0
166	BACK PIPE1 B	PX	-.00033	-.00033	0	0
167	MBFACE	PX	-.000513	-.000513	0	0
168	MBSTAB1	PX	-.000489	-.000489	0	0
169	MBSTAB2	PX	-.000489	-.000489	0	0
170	MBSTAB3	PX	-.000489	-.000489	0	0
171	MBSTAB4	PX	-.000489	-.000489	0	0
172	MBTIEBACK	PX	-.000175	-.000175	0	0
173	VERT4 C	PX	.00011	.00011	0	0
174	VERT3 C	PX	.00011	.00011	0	0
175	VERT2 C	PX	.00011	.00011	0	0
176	VERT1 C	PX	.00011	.00011	0	0
177	TIEBACK2 C	PX	.000175	.000175	0	0
178	TIEBACK1 C	PX	.000175	.000175	0	0
179	PLATE12 C	PX	9.8e-5	9.8e-5	0	0
180	PLATE 11 C	PX	9.8e-5	9.8e-5	0	0
181	PLATE 10 C	PX	9.8e-5	9.8e-5	0	0
182	PLATE 9 C	PX	9.8e-5	9.8e-5	0	0
183	PLATE 8 C	PX	9.8e-5	9.8e-5	0	0
184	PLATE 7 C	PX	9.8e-5	9.8e-5	0	0
185	PLATE 6 C	PX	9.8e-5	9.8e-5	0	0
186	PLATE 5 C	PX	9.8e-5	9.8e-5	0	0
187	PLATE 4 C	PX	9.8e-5	9.8e-5	0	0
188	PLATE 3 C	PX	9.8e-5	9.8e-5	0	0
189	PLATE 2 C	PX	9.8e-5	9.8e-5	0	0
190	PLATE 1 C	PX	9.8e-5	9.8e-5	0	0
191	MP GAMMA4	PX	.000558	.000558	0	0
192	MP GAMMA3	PX	.000558	.000558	0	0
193	MP GAMMA2	PX	.000558	.000558	0	0
194	MP GAMMA5	PX	.000558	.000558	0	0
195	KICKER4 C	PX	.000169	.000169	0	0
196	KICKER3 C	PX	.000169	.000169	0	0
197	KICKER2 C	PX	.000169	.000169	0	0
198	KICKER1 C	PX	.000169	.000169	0	0
199	FACE2 C	PX	.000349	.000349	0	0
200	FACE1 C	PX	.000349	.000349	0	0
201	FACE PL4 C	PX	7.3e-5	7.3e-5	0	0
202	FACE PL3 C	PX	7.3e-5	7.3e-5	0	0
203	FACE PL2 C	PX	7.3e-5	7.3e-5	0	0
204	FACE PL1 C	PX	7.3e-5	7.3e-5	0	0
205	DIAG2 C	PX	5.5e-5	5.5e-5	0	0
206	DIAG1 C	PX	5.5e-5	5.5e-5	0	0
207	BACK2 C	PX	9.8e-5	9.8e-5	0	0
208	BACK1 C	PX	9.8e-5	9.8e-5	0	0
209	BACK PIPE1 C	PX	.00033	.00033	0	0
210	MCFACE	PX	.000513	.000513	0	0
211	MCSTAB1	PX	.000489	.000489	0	0
212	MCSTAB2	PX	.000489	.000489	0	0
213	MCSTAB3	PX	.000489	.000489	0	0
214	MCSTAB4	PX	.000489	.000489	0	0
215	MCTIEBACK	PX	.000175	.000175	0	0



Company : POD Group
 Designer : JMM
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Member Distributed Loads (BLC 22 : Maintenance (210))

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	.00011	.00011	0	0
2	VERT3	PY	.00011	.00011	0	0
3	VERT2	PY	.00011	.00011	0	0
4	VERT1	PY	.00011	.00011	0	0
5	TIEBACK2	PY	.000175	.000175	0	0
6	TIEBACK1	PY	.000175	.000175	0	0
7	PLATE12	PY	9.8e-5	9.8e-5	0	0
8	PLATE 11	PY	9.8e-5	9.8e-5	0	0
9	PLATE 10	PY	9.8e-5	9.8e-5	0	0
10	PLATE 9	PY	9.8e-5	9.8e-5	0	0
11	PLATE 8	PY	9.8e-5	9.8e-5	0	0
12	PLATE 7	PY	9.8e-5	9.8e-5	0	0
13	PLATE 6	PY	9.8e-5	9.8e-5	0	0
14	PLATE 5	PY	9.8e-5	9.8e-5	0	0
15	PLATE 4	PY	9.8e-5	9.8e-5	0	0
16	PLATE 3	PY	9.8e-5	9.8e-5	0	0
17	PLATE 2	PY	9.8e-5	9.8e-5	0	0
18	PLATE 1	PY	9.8e-5	9.8e-5	0	0
19	MP ALPHA4	PY	.000558	.000558	0	0
20	MP ALPHA3	PY	.000558	.000558	0	0
21	MP ALPHA2	PY	.000558	.000558	0	0
22	MP ALPHA5	PY	.000558	.000558	0	0
23	KICKER4	PY	.000169	.000169	0	0
24	KICKER3	PY	.000169	.000169	0	0
25	KICKER2	PY	.000169	.000169	0	0
26	KICKER1	PY	.000169	.000169	0	0
27	FACE2	PY	.000349	.000349	0	0
28	FACE1	PY	.000349	.000349	0	0
29	FACE PL4	PY	7.3e-5	7.3e-5	0	0
30	FACE PL3	PY	7.3e-5	7.3e-5	0	0
31	FACE PL2	PY	7.3e-5	7.3e-5	0	0
32	FACE PL1	PY	7.3e-5	7.3e-5	0	0
33	DIAG2	PY	5.5e-5	5.5e-5	0	0
34	DIAG1	PY	5.5e-5	5.5e-5	0	0
35	BACK2	PY	9.8e-5	9.8e-5	0	0
36	BACK1	PY	9.8e-5	9.8e-5	0	0
37	BACK PIPE1	PY	.00033	.00033	0	0
38	MAFACE	PY	.000513	.000513	0	0
39	MASTAB1	PY	.000489	.000489	0	0
40	MASTAB2	PY	.000489	.000489	0	0
41	MASTAB3	PY	.000489	.000489	0	0
42	MASTAB4	PY	.000489	.000489	0	0
43	MATIEBACK	PY	.000175	.000175	0	0
44	VERT4 B	PX	7.6e-5	7.6e-5	0	0
45	VERT3 B	PX	7.6e-5	7.6e-5	0	0
46	VERT2 B	PX	7.6e-5	7.6e-5	0	0
47	VERT1 B	PX	7.6e-5	7.6e-5	0	0
48	TIEBACK2 B	PX	.000482	.000482	0	0
49	TIEBACK1 B	PX	.000482	.000482	0	0
50	PLATE12 B	PX	.000113	.000113	0	0
51	PLATE 11 B	PX	.000113	.000113	0	0
52	PLATE 10 B	PX	.000113	.000113	0	0
53	PLATE 9 B	PX	.000113	.000113	0	0
54	PLATE 8 B	PX	.000113	.000113	0	0
55	PLATE 7 B	PX	.000113	.000113	0	0
56	PLATE 6 B	PX	.000113	.000113	0	0
57	PLATE 5 B	PX	.000113	.000113	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
58	PLATE 4 B	PX	.000113	.000113	0	0
59	PLATE 3 B	PX	.000113	.000113	0	0
60	PLATE 2 B	PX	.000113	.000113	0	0
61	PLATE 1 B	PX	.000113	.000113	0	0
62	MP BETA4	PX	.000644	.000644	0	0
63	MP BETA3	PX	.000644	.000644	0	0
64	MP BETA2	PX	.000644	.000644	0	0
65	MP BETA5	PX	.000644	.000644	0	0
66	KICKER4 B	PX	.000467	.000467	0	0
67	KICKER3 B	PX	.000467	.000467	0	0
68	KICKER2 B	PX	.000467	.000467	0	0
69	KICKER1 B	PX	.000467	.000467	0	0
70	FACE2 B	PX	.000241	.000241	0	0
71	FACE1 B	PX	.000241	.000241	0	0
72	FACE PL4 B	PX	8.5e-5	8.5e-5	0	0
73	FACE PL3 B	PX	8.5e-5	8.5e-5	0	0
74	FACE PL2 B	PX	8.5e-5	8.5e-5	0	0
75	FACE PL1 B	PX	8.5e-5	8.5e-5	0	0
76	DIAG2 B	PX	.000152	.000152	0	0
77	DIAG1 B	PX	.000152	.000152	0	0
78	BACK2 B	PX	.000113	.000113	0	0
79	BACK1 B	PX	.000113	.000113	0	0
80	BACK PIPE1 B	PX	.000455	.000455	0	0
81	MBFACE	PX	.000354	.000354	0	0
82	MBSTAB1	PX	.000565	.000565	0	0
83	MBSTAB2	PX	.000565	.000565	0	0
84	MBSTAB3	PX	.000565	.000565	0	0
85	MBSTAB4	PX	.000565	.000565	0	0
86	MBTIEBACK	PX	.000482	.000482	0	0
87	VERT4 C	PY	.00011	.00011	0	0
88	VERT3 C	PY	.00011	.00011	0	0
89	VERT2 C	PY	.00011	.00011	0	0
90	VERT1 C	PY	.00011	.00011	0	0
91	TIEBACK2 C	PY	.000175	.000175	0	0
92	TIEBACK1 C	PY	.000175	.000175	0	0
93	PLATE12 C	PY	9.8e-5	9.8e-5	0	0
94	PLATE 11 C	PY	9.8e-5	9.8e-5	0	0
95	PLATE 10 C	PY	9.8e-5	9.8e-5	0	0
96	PLATE 9 C	PY	9.8e-5	9.8e-5	0	0
97	PLATE 8 C	PY	9.8e-5	9.8e-5	0	0
98	PLATE 7 C	PY	9.8e-5	9.8e-5	0	0
99	PLATE 6 C	PY	9.8e-5	9.8e-5	0	0
100	PLATE 5 C	PY	9.8e-5	9.8e-5	0	0
101	PLATE 4 C	PY	9.8e-5	9.8e-5	0	0
102	PLATE 3 C	PY	9.8e-5	9.8e-5	0	0
103	PLATE 2 C	PY	9.8e-5	9.8e-5	0	0
104	PLATE 1 C	PY	9.8e-5	9.8e-5	0	0
105	MP GAMMA4	PY	.000558	.000558	0	0
106	MP GAMMA3	PY	.000558	.000558	0	0
107	MP GAMMA2	PY	.000558	.000558	0	0
108	MP GAMMA5	PY	.000558	.000558	0	0
109	KICKER4 C	PY	.000169	.000169	0	0
110	KICKER3 C	PY	.000169	.000169	0	0
111	KICKER2 C	PY	.000169	.000169	0	0
112	KICKER1 C	PY	.000169	.000169	0	0
113	FACE2 C	PY	.000349	.000349	0	0
114	FACE1 C	PY	.000349	.000349	0	0



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 Designer : JMM
 Job Number : 22-129726
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Member Distributed Loads (BLC 22 : Maintenance (210)) (Continued)

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
115	FACE PL4 C	PY	7.3e-5	7.3e-5	0	0
116	FACE PL3 C	PY	7.3e-5	7.3e-5	0	0
117	FACE PL2 C	PY	7.3e-5	7.3e-5	0	0
118	FACE PL1 C	PY	7.3e-5	7.3e-5	0	0
119	DIAG2 C	PY	5.5e-5	5.5e-5	0	0
120	DIAG1 C	PY	5.5e-5	5.5e-5	0	0
121	BACK2 C	PY	9.8e-5	9.8e-5	0	0
122	BACK1 C	PY	9.8e-5	9.8e-5	0	0
123	BACK PIPE1 C	PY	.00033	.00033	0	0
124	MCFACE	PY	.000513	.000513	0	0
125	MCSTAB1	PY	.000489	.000489	0	0
126	MCSTAB2	PY	.000489	.000489	0	0
127	MCSTAB3	PY	.000489	.000489	0	0
128	MCSTAB4	PY	.000489	.000489	0	0
129	MCTIEBACK	PY	.000175	.000175	0	0
130	VERT4	PX	6.4e-5	6.4e-5	0	0
131	VERT3	PX	6.4e-5	6.4e-5	0	0
132	VERT2	PX	6.4e-5	6.4e-5	0	0
133	VERT1	PX	6.4e-5	6.4e-5	0	0
134	TIEBACK2	PX	.000101	.000101	0	0
135	TIEBACK1	PX	.000101	.000101	0	0
136	PLATE12	PX	5.6e-5	5.6e-5	0	0
137	PLATE 11	PX	5.6e-5	5.6e-5	0	0
138	PLATE 10	PX	5.6e-5	5.6e-5	0	0
139	PLATE 9	PX	5.6e-5	5.6e-5	0	0
140	PLATE 8	PX	5.6e-5	5.6e-5	0	0
141	PLATE 7	PX	5.6e-5	5.6e-5	0	0
142	PLATE 6	PX	5.6e-5	5.6e-5	0	0
143	PLATE 5	PX	5.6e-5	5.6e-5	0	0
144	PLATE 4	PX	5.6e-5	5.6e-5	0	0
145	PLATE 3	PX	5.6e-5	5.6e-5	0	0
146	PLATE 2	PX	5.6e-5	5.6e-5	0	0
147	PLATE 1	PX	5.6e-5	5.6e-5	0	0
148	MP ALPHA4	PX	.000322	.000322	0	0
149	MP ALPHA3	PX	.000322	.000322	0	0
150	MP ALPHA2	PX	.000322	.000322	0	0
151	MP ALPHA5	PX	.000322	.000322	0	0
152	KICKER4	PX	9.8e-5	9.8e-5	0	0
153	KICKER3	PX	9.8e-5	9.8e-5	0	0
154	KICKER2	PX	9.8e-5	9.8e-5	0	0
155	KICKER1	PX	9.8e-5	9.8e-5	0	0
156	FACE2	PX	.000202	.000202	0	0
157	FACE1	PX	.000202	.000202	0	0
158	FACE PL4	PX	4.2e-5	4.2e-5	0	0
159	FACE PL3	PX	4.2e-5	4.2e-5	0	0
160	FACE PL2	PX	4.2e-5	4.2e-5	0	0
161	FACE PL1	PX	4.2e-5	4.2e-5	0	0
162	DIAG2	PX	3.2e-5	3.2e-5	0	0
163	DIAG1	PX	3.2e-5	3.2e-5	0	0
164	BACK2	PX	5.6e-5	5.6e-5	0	0
165	BACK1	PX	5.6e-5	5.6e-5	0	0
166	BACK PIPE1	PX	.000191	.000191	0	0
167	MAFACE	PX	.000296	.000296	0	0
168	MASTAB1	PX	.000282	.000282	0	0
169	MASTAB2	PX	.000282	.000282	0	0
170	MASTAB3	PX	.000282	.000282	0	0
171	MASTAB4	PX	.000282	.000282	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
172	MATIEBACK	PX	.000101	.000101	0	0
173	VERT4 C	PX	6.4e-5	6.4e-5	0	0
174	VERT3 C	PX	6.4e-5	6.4e-5	0	0
175	VERT2 C	PX	6.4e-5	6.4e-5	0	0
176	VERT1 C	PX	6.4e-5	6.4e-5	0	0
177	TIEBACK2 C	PX	.000101	.000101	0	0
178	TIEBACK1 C	PX	.000101	.000101	0	0
179	PLATE12 C	PX	5.6e-5	5.6e-5	0	0
180	PLATE 11 C	PX	5.6e-5	5.6e-5	0	0
181	PLATE 10 C	PX	5.6e-5	5.6e-5	0	0
182	PLATE 9 C	PX	5.6e-5	5.6e-5	0	0
183	PLATE 8 C	PX	5.6e-5	5.6e-5	0	0
184	PLATE 7 C	PX	5.6e-5	5.6e-5	0	0
185	PLATE 6 C	PX	5.6e-5	5.6e-5	0	0
186	PLATE 5 C	PX	5.6e-5	5.6e-5	0	0
187	PLATE 4 C	PX	5.6e-5	5.6e-5	0	0
188	PLATE 3 C	PX	5.6e-5	5.6e-5	0	0
189	PLATE 2 C	PX	5.6e-5	5.6e-5	0	0
190	PLATE 1 C	PX	5.6e-5	5.6e-5	0	0
191	MP GAMMA4	PX	.000322	.000322	0	0
192	MP GAMMA3	PX	.000322	.000322	0	0
193	MP GAMMA2	PX	.000322	.000322	0	0
194	MP GAMMA5	PX	.000322	.000322	0	0
195	KICKER4 C	PX	9.8e-5	9.8e-5	0	0
196	KICKER3 C	PX	9.8e-5	9.8e-5	0	0
197	KICKER2 C	PX	9.8e-5	9.8e-5	0	0
198	KICKER1 C	PX	9.8e-5	9.8e-5	0	0
199	FACE2 C	PX	.000202	.000202	0	0
200	FACE1 C	PX	.000202	.000202	0	0
201	FACE PL4 C	PX	4.2e-5	4.2e-5	0	0
202	FACE PL3 C	PX	4.2e-5	4.2e-5	0	0
203	FACE PL2 C	PX	4.2e-5	4.2e-5	0	0
204	FACE PL1 C	PX	4.2e-5	4.2e-5	0	0
205	DIAG2 C	PX	3.2e-5	3.2e-5	0	0
206	DIAG1 C	PX	3.2e-5	3.2e-5	0	0
207	BACK2 C	PX	5.6e-5	5.6e-5	0	0
208	BACK1 C	PX	5.6e-5	5.6e-5	0	0
209	BACK PIPE1 C	PX	.000191	.000191	0	0
210	MCFACE	PX	.000296	.000296	0	0
211	MCSTAB1	PX	.000282	.000282	0	0
212	MCSTAB2	PX	.000282	.000282	0	0
213	MCSTAB3	PX	.000282	.000282	0	0
214	MCSTAB4	PX	.000282	.000282	0	0
215	MCTIEBACK	PX	.000101	.000101	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
1	VERT4	PY	6.4e-5	6.4e-5	0	0
2	VERT3	PY	6.4e-5	6.4e-5	0	0
3	VERT2	PY	6.4e-5	6.4e-5	0	0
4	VERT1	PY	6.4e-5	6.4e-5	0	0
5	TIEBACK2	PY	.000101	.000101	0	0
6	TIEBACK1	PY	.000101	.000101	0	0
7	PLATE12	PY	5.6e-5	5.6e-5	0	0
8	PLATE 11	PY	5.6e-5	5.6e-5	0	0
9	PLATE 10	PY	5.6e-5	5.6e-5	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
10	PLATE 9	PY	5.6e-5	5.6e-5	0	0
11	PLATE 8	PY	5.6e-5	5.6e-5	0	0
12	PLATE 7	PY	5.6e-5	5.6e-5	0	0
13	PLATE 6	PY	5.6e-5	5.6e-5	0	0
14	PLATE 5	PY	5.6e-5	5.6e-5	0	0
15	PLATE 4	PY	5.6e-5	5.6e-5	0	0
16	PLATE 3	PY	5.6e-5	5.6e-5	0	0
17	PLATE 2	PY	5.6e-5	5.6e-5	0	0
18	PLATE 1	PY	5.6e-5	5.6e-5	0	0
19	MP ALPHA4	PY	.000322	.000322	0	0
20	MP ALPHA3	PY	.000322	.000322	0	0
21	MP ALPHA2	PY	.000322	.000322	0	0
22	MP ALPHA5	PY	.000322	.000322	0	0
23	KICKER4	PY	9.8e-5	9.8e-5	0	0
24	KICKER3	PY	9.8e-5	9.8e-5	0	0
25	KICKER2	PY	9.8e-5	9.8e-5	0	0
26	KICKER1	PY	9.8e-5	9.8e-5	0	0
27	FACE2	PY	.000202	.000202	0	0
28	FACE1	PY	.000202	.000202	0	0
29	FACE PL4	PY	4.2e-5	4.2e-5	0	0
30	FACE PL3	PY	4.2e-5	4.2e-5	0	0
31	FACE PL2	PY	4.2e-5	4.2e-5	0	0
32	FACE PL1	PY	4.2e-5	4.2e-5	0	0
33	DIAG2	PY	3.2e-5	3.2e-5	0	0
34	DIAG1	PY	3.2e-5	3.2e-5	0	0
35	BACK2	PY	5.6e-5	5.6e-5	0	0
36	BACK1	PY	5.6e-5	5.6e-5	0	0
37	BACK PIPE1	PY	.000191	.000191	0	0
38	MAFACE	PY	.000296	.000296	0	0
39	MASTAB1	PY	.000282	.000282	0	0
40	MASTAB2	PY	.000282	.000282	0	0
41	MASTAB3	PY	.000282	.000282	0	0
42	MASTAB4	PY	.000282	.000282	0	0
43	MATIEBACK	PY	.000101	.000101	0	0
44	VERT4 B	PY	6.4e-5	6.4e-5	0	0
45	VERT3 B	PY	6.4e-5	6.4e-5	0	0
46	VERT2 B	PY	6.4e-5	6.4e-5	0	0
47	VERT1 B	PY	6.4e-5	6.4e-5	0	0
48	TIEBACK2 B	PY	.000101	.000101	0	0
49	TIEBACK1 B	PY	.000101	.000101	0	0
50	PLATE12 B	PY	5.6e-5	5.6e-5	0	0
51	PLATE 11 B	PY	5.6e-5	5.6e-5	0	0
52	PLATE 10 B	PY	5.6e-5	5.6e-5	0	0
53	PLATE 9 B	PY	5.6e-5	5.6e-5	0	0
54	PLATE 8 B	PY	5.6e-5	5.6e-5	0	0
55	PLATE 7 B	PY	5.6e-5	5.6e-5	0	0
56	PLATE 6 B	PY	5.6e-5	5.6e-5	0	0
57	PLATE 5 B	PY	5.6e-5	5.6e-5	0	0
58	PLATE 4 B	PY	5.6e-5	5.6e-5	0	0
59	PLATE 3 B	PY	5.6e-5	5.6e-5	0	0
60	PLATE 2 B	PY	5.6e-5	5.6e-5	0	0
61	PLATE 1 B	PY	5.6e-5	5.6e-5	0	0
62	MP BETA4	PY	.000322	.000322	0	0
63	MP BETA3	PY	.000322	.000322	0	0
64	MP BETA2	PY	.000322	.000322	0	0
65	MP BETA5	PY	.000322	.000322	0	0
66	KICKER4 B	PY	9.8e-5	9.8e-5	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
67	KICKER3 B	PY	9.8e-5	9.8e-5	0	0
68	KICKER2 B	PY	9.8e-5	9.8e-5	0	0
69	KICKER1 B	PY	9.8e-5	9.8e-5	0	0
70	FACE2 B	PY	.000202	.000202	0	0
71	FACE1 B	PY	.000202	.000202	0	0
72	FACE PL4 B	PY	4.2e-5	4.2e-5	0	0
73	FACE PL3 B	PY	4.2e-5	4.2e-5	0	0
74	FACE PL2 B	PY	4.2e-5	4.2e-5	0	0
75	FACE PL1 B	PY	4.2e-5	4.2e-5	0	0
76	DIAG2 B	PY	3.2e-5	3.2e-5	0	0
77	DIAG1 B	PY	3.2e-5	3.2e-5	0	0
78	BACK2 B	PY	5.6e-5	5.6e-5	0	0
79	BACK1 B	PY	5.6e-5	5.6e-5	0	0
80	BACK PIPE1 B	PY	.000191	.000191	0	0
81	MBFACE	PY	.000296	.000296	0	0
82	MBSTAB1	PY	.000282	.000282	0	0
83	MBSTAB2	PY	.000282	.000282	0	0
84	MBSTAB3	PY	.000282	.000282	0	0
85	MBSTAB4	PY	.000282	.000282	0	0
86	MBTIEBACK	PY	.000101	.000101	0	0
87	VERT4 C	PY	.000127	.000127	0	0
88	VERT3 C	PY	.000127	.000127	0	0
89	VERT2 C	PY	.000127	.000127	0	0
90	VERT1 C	PY	.000127	.000127	0	0
91	TIEBACK2 C	PY	.000202	.000202	0	0
92	TIEBACK1 C	PY	.000202	.000202	0	0
93	PLATE12 C	PY	.000113	.000113	0	0
94	PLATE 11 C	PY	.000113	.000113	0	0
95	PLATE 10 C	PY	.000113	.000113	0	0
96	PLATE 9 C	PY	.000113	.000113	0	0
97	PLATE 8 C	PY	.000113	.000113	0	0
98	PLATE 7 C	PY	.000113	.000113	0	0
99	PLATE 6 C	PY	.000113	.000113	0	0
100	PLATE 5 C	PY	.000113	.000113	0	0
101	PLATE 4 C	PY	.000113	.000113	0	0
102	PLATE 3 C	PY	.000113	.000113	0	0
103	PLATE 2 C	PY	.000113	.000113	0	0
104	PLATE 1 C	PY	.000113	.000113	0	0
105	MP GAMMA4	PY	.000644	.000644	0	0
106	MP GAMMA3	PY	.000644	.000644	0	0
107	MP GAMMA2	PY	.000644	.000644	0	0
108	MP GAMMA5	PY	.000644	.000644	0	0
109	KICKER4 C	PY	.000196	.000196	0	0
110	KICKER3 C	PY	.000196	.000196	0	0
111	KICKER2 C	PY	.000196	.000196	0	0
112	KICKER1 C	PY	.000196	.000196	0	0
113	FACE2 C	PY	.000403	.000403	0	0
114	FACE1 C	PY	.000403	.000403	0	0
115	FACE PL4 C	PY	8.5e-5	8.5e-5	0	0
116	FACE PL3 C	PY	8.5e-5	8.5e-5	0	0
117	FACE PL2 C	PY	8.5e-5	8.5e-5	0	0
118	FACE PL1 C	PY	8.5e-5	8.5e-5	0	0
119	DIAG2 C	PY	6.4e-5	6.4e-5	0	0
120	DIAG1 C	PY	6.4e-5	6.4e-5	0	0
121	BACK2 C	PY	.000113	.000113	0	0
122	BACK1 C	PY	.000113	.000113	0	0
123	BACK PIPE1 C	PY	.000381	.000381	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
124	MCFACE	PY	.000593	.000593	0	0
125	MCSTAB1	PY	.000565	.000565	0	0
126	MCSTAB2	PY	.000565	.000565	0	0
127	MCSTAB3	PY	.000565	.000565	0	0
128	MCSTAB4	PY	.000565	.000565	0	0
129	MCTIEBACK	PY	.000202	.000202	0	0
130	VERT4	PX	.00011	.00011	0	0
131	VERT3	PX	.00011	.00011	0	0
132	VERT2	PX	.00011	.00011	0	0
133	VERT1	PX	.00011	.00011	0	0
134	TIEBACK2	PX	.000175	.000175	0	0
135	TIEBACK1	PX	.000175	.000175	0	0
136	PLATE12	PX	9.8e-5	9.8e-5	0	0
137	PLATE 11	PX	9.8e-5	9.8e-5	0	0
138	PLATE 10	PX	9.8e-5	9.8e-5	0	0
139	PLATE 9	PX	9.8e-5	9.8e-5	0	0
140	PLATE 8	PX	9.8e-5	9.8e-5	0	0
141	PLATE 7	PX	9.8e-5	9.8e-5	0	0
142	PLATE 6	PX	9.8e-5	9.8e-5	0	0
143	PLATE 5	PX	9.8e-5	9.8e-5	0	0
144	PLATE 4	PX	9.8e-5	9.8e-5	0	0
145	PLATE 3	PX	9.8e-5	9.8e-5	0	0
146	PLATE 2	PX	9.8e-5	9.8e-5	0	0
147	PLATE 1	PX	9.8e-5	9.8e-5	0	0
148	MP ALPHA4	PX	.000558	.000558	0	0
149	MP ALPHA3	PX	.000558	.000558	0	0
150	MP ALPHA2	PX	.000558	.000558	0	0
151	MP ALPHA5	PX	.000558	.000558	0	0
152	KICKER4	PX	.000169	.000169	0	0
153	KICKER3	PX	.000169	.000169	0	0
154	KICKER2	PX	.000169	.000169	0	0
155	KICKER1	PX	.000169	.000169	0	0
156	FACE2	PX	.000349	.000349	0	0
157	FACE1	PX	.000349	.000349	0	0
158	FACE PL4	PX	7.3e-5	7.3e-5	0	0
159	FACE PL3	PX	7.3e-5	7.3e-5	0	0
160	FACE PL2	PX	7.3e-5	7.3e-5	0	0
161	FACE PL1	PX	7.3e-5	7.3e-5	0	0
162	DIAG2	PX	5.5e-5	5.5e-5	0	0
163	DIAG1	PX	5.5e-5	5.5e-5	0	0
164	BACK2	PX	9.8e-5	9.8e-5	0	0
165	BACK1	PX	9.8e-5	9.8e-5	0	0
166	BACK PIPE1	PX	.00033	.00033	0	0
167	MAFACE	PX	.000513	.000513	0	0
168	MASTAB1	PX	.000489	.000489	0	0
169	MASTAB2	PX	.000489	.000489	0	0
170	MASTAB3	PX	.000489	.000489	0	0
171	MASTAB4	PX	.000489	.000489	0	0
172	MATIEBACK	PX	.000175	.000175	0	0
173	VERT4 B	PX	.00011	.00011	0	0
174	VERT3 B	PX	.00011	.00011	0	0
175	VERT2 B	PX	.00011	.00011	0	0
176	VERT1 B	PX	.00011	.00011	0	0
177	TIEBACK2 B	PX	.000175	.000175	0	0
178	TIEBACK1 B	PX	.000175	.000175	0	0
179	PLATE12 B	PX	9.8e-5	9.8e-5	0	0
180	PLATE 11 B	PX	9.8e-5	9.8e-5	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
181	PLATE 10 B	PX	9.8e-5	9.8e-5	0	0
182	PLATE 9 B	PX	9.8e-5	9.8e-5	0	0
183	PLATE 8 B	PX	9.8e-5	9.8e-5	0	0
184	PLATE 7 B	PX	9.8e-5	9.8e-5	0	0
185	PLATE 6 B	PX	9.8e-5	9.8e-5	0	0
186	PLATE 5 B	PX	9.8e-5	9.8e-5	0	0
187	PLATE 4 B	PX	9.8e-5	9.8e-5	0	0
188	PLATE 3 B	PX	9.8e-5	9.8e-5	0	0
189	PLATE 2 B	PX	9.8e-5	9.8e-5	0	0
190	PLATE 1 B	PX	9.8e-5	9.8e-5	0	0
191	MP BETA4	PX	.000558	.000558	0	0
192	MP BETA3	PX	.000558	.000558	0	0
193	MP BETA2	PX	.000558	.000558	0	0
194	MP BETA5	PX	.000558	.000558	0	0
195	KICKER4 B	PX	.000169	.000169	0	0
196	KICKER3 B	PX	.000169	.000169	0	0
197	KICKER2 B	PX	.000169	.000169	0	0
198	KICKER1 B	PX	.000169	.000169	0	0
199	FACE2 B	PX	.000349	.000349	0	0
200	FACE1 B	PX	.000349	.000349	0	0
201	FACE PL4 B	PX	7.3e-5	7.3e-5	0	0
202	FACE PL3 B	PX	7.3e-5	7.3e-5	0	0
203	FACE PL2 B	PX	7.3e-5	7.3e-5	0	0
204	FACE PL1 B	PX	7.3e-5	7.3e-5	0	0
205	DIAG2 B	PX	5.5e-5	5.5e-5	0	0
206	DIAG1 B	PX	5.5e-5	5.5e-5	0	0
207	BACK2 B	PX	9.8e-5	9.8e-5	0	0
208	BACK1 B	PX	9.8e-5	9.8e-5	0	0
209	BACK PIPE1 B	PX	.00033	.00033	0	0
210	MBFACE	PX	.000513	.000513	0	0
211	MBSTAB1	PX	.000489	.000489	0	0
212	MBSTAB2	PX	.000489	.000489	0	0
213	MBSTAB3	PX	.000489	.000489	0	0
214	MBSTAB4	PX	.000489	.000489	0	0
215	MBTIEBACK	PX	.000175	.000175	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PX	7.6e-5	7.6e-5	0	0
2	VERT3	PX	7.6e-5	7.6e-5	0	0
3	VERT2	PX	7.6e-5	7.6e-5	0	0
4	VERT1	PX	7.6e-5	7.6e-5	0	0
5	TIEBACK2	PX	.000482	.000482	0	0
6	TIEBACK1	PX	.000482	.000482	0	0
7	PLATE12	PX	.000113	.000113	0	0
8	PLATE 11	PX	.000113	.000113	0	0
9	PLATE 10	PX	.000113	.000113	0	0
10	PLATE 9	PX	.000113	.000113	0	0
11	PLATE 8	PX	.000113	.000113	0	0
12	PLATE 7	PX	.000113	.000113	0	0
13	PLATE 6	PX	.000113	.000113	0	0
14	PLATE 5	PX	.000113	.000113	0	0
15	PLATE 4	PX	.000113	.000113	0	0
16	PLATE 3	PX	.000113	.000113	0	0
17	PLATE 2	PX	.000113	.000113	0	0
18	PLATE 1	PX	.000113	.000113	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
19	MP ALPHA4	PX	.000644	.000644	0	0
20	MP ALPHA3	PX	.000644	.000644	0	0
21	MP ALPHA2	PX	.000644	.000644	0	0
22	MP ALPHA5	PX	.000644	.000644	0	0
23	KICKER4	PX	.000467	.000467	0	0
24	KICKER3	PX	.000467	.000467	0	0
25	KICKER2	PX	.000467	.000467	0	0
26	KICKER1	PX	.000467	.000467	0	0
27	FACE2	PX	.000241	.000241	0	0
28	FACE1	PX	.000241	.000241	0	0
29	FACE PL4	PX	8.5e-5	8.5e-5	0	0
30	FACE PL3	PX	8.5e-5	8.5e-5	0	0
31	FACE PL2	PX	8.5e-5	8.5e-5	0	0
32	FACE PL1	PX	8.5e-5	8.5e-5	0	0
33	DIAG2	PX	.000152	.000152	0	0
34	DIAG1	PX	.000152	.000152	0	0
35	BACK2	PX	.000113	.000113	0	0
36	BACK1	PX	.000113	.000113	0	0
37	BACK PIPE1	PX	.000455	.000455	0	0
38	MAFACE	PX	.000354	.000354	0	0
39	MASTAB1	PX	.000565	.000565	0	0
40	MASTAB2	PX	.000565	.000565	0	0
41	MASTAB3	PX	.000565	.000565	0	0
42	MASTAB4	PX	.000565	.000565	0	0
43	MATIEBACK	PX	.000482	.000482	0	0
44	VERT4 B	PY	-.00011	-.00011	0	0
45	VERT3 B	PY	-.00011	-.00011	0	0
46	VERT2 B	PY	-.00011	-.00011	0	0
47	VERT1 B	PY	-.00011	-.00011	0	0
48	TIEBACK2 B	PY	-.000175	-.000175	0	0
49	TIEBACK1 B	PY	-.000175	-.000175	0	0
50	PLATE12 B	PY	-9.8e-5	-9.8e-5	0	0
51	PLATE 11 B	PY	-9.8e-5	-9.8e-5	0	0
52	PLATE 10 B	PY	-9.8e-5	-9.8e-5	0	0
53	PLATE 9 B	PY	-9.8e-5	-9.8e-5	0	0
54	PLATE 8 B	PY	-9.8e-5	-9.8e-5	0	0
55	PLATE 7 B	PY	-9.8e-5	-9.8e-5	0	0
56	PLATE 6 B	PY	-9.8e-5	-9.8e-5	0	0
57	PLATE 5 B	PY	-9.8e-5	-9.8e-5	0	0
58	PLATE 4 B	PY	-9.8e-5	-9.8e-5	0	0
59	PLATE 3 B	PY	-9.8e-5	-9.8e-5	0	0
60	PLATE 2 B	PY	-9.8e-5	-9.8e-5	0	0
61	PLATE 1 B	PY	-9.8e-5	-9.8e-5	0	0
62	MP BETA4	PY	-.000558	-.000558	0	0
63	MP BETA3	PY	-.000558	-.000558	0	0
64	MP BETA2	PY	-.000558	-.000558	0	0
65	MP BETA5	PY	-.000558	-.000558	0	0
66	KICKER4 B	PY	-.000169	-.000169	0	0
67	KICKER3 B	PY	-.000169	-.000169	0	0
68	KICKER2 B	PY	-.000169	-.000169	0	0
69	KICKER1 B	PY	-.000169	-.000169	0	0
70	FACE2 B	PY	-.000349	-.000349	0	0
71	FACE1 B	PY	-.000349	-.000349	0	0
72	FACE PL4 B	PY	-7.3e-5	-7.3e-5	0	0
73	FACE PL3 B	PY	-7.3e-5	-7.3e-5	0	0
74	FACE PL2 B	PY	-7.3e-5	-7.3e-5	0	0
75	FACE PL1 B	PY	-7.3e-5	-7.3e-5	0	0



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

Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
76	DIAG2 B	PY	-5.5e-5	-5.5e-5	0 0
77	DIAG1 B	PY	-5.5e-5	-5.5e-5	0 0
78	BACK2 B	PY	-9.8e-5	-9.8e-5	0 0
79	BACK1 B	PY	-9.8e-5	-9.8e-5	0 0
80	BACK PIPE1 B	PY	-.00033	-.00033	0 0
81	MBFACE	PY	-.000513	-.000513	0 0
82	MBSTAB1	PY	-.000489	-.000489	0 0
83	MBSTAB2	PY	-.000489	-.000489	0 0
84	MBSTAB3	PY	-.000489	-.000489	0 0
85	MBSTAB4	PY	-.000489	-.000489	0 0
86	MBTIEBACK	PY	-.000175	-.000175	0 0
87	VERT4 C	PY	.00011	.00011	0 0
88	VERT3 C	PY	.00011	.00011	0 0
89	VERT2 C	PY	.00011	.00011	0 0
90	VERT1 C	PY	.00011	.00011	0 0
91	TIEBACK2 C	PY	.000175	.000175	0 0
92	TIEBACK1 C	PY	.000175	.000175	0 0
93	PLATE12 C	PY	9.8e-5	9.8e-5	0 0
94	PLATE 11 C	PY	9.8e-5	9.8e-5	0 0
95	PLATE 10 C	PY	9.8e-5	9.8e-5	0 0
96	PLATE 9 C	PY	9.8e-5	9.8e-5	0 0
97	PLATE 8 C	PY	9.8e-5	9.8e-5	0 0
98	PLATE 7 C	PY	9.8e-5	9.8e-5	0 0
99	PLATE 6 C	PY	9.8e-5	9.8e-5	0 0
100	PLATE 5 C	PY	9.8e-5	9.8e-5	0 0
101	PLATE 4 C	PY	9.8e-5	9.8e-5	0 0
102	PLATE 3 C	PY	9.8e-5	9.8e-5	0 0
103	PLATE 2 C	PY	9.8e-5	9.8e-5	0 0
104	PLATE 1 C	PY	9.8e-5	9.8e-5	0 0
105	MP GAMMA4	PY	.000558	.000558	0 0
106	MP GAMMA3	PY	.000558	.000558	0 0
107	MP GAMMA2	PY	.000558	.000558	0 0
108	MP GAMMA5	PY	.000558	.000558	0 0
109	KICKER4 C	PY	.000169	.000169	0 0
110	KICKER3 C	PY	.000169	.000169	0 0
111	KICKER2 C	PY	.000169	.000169	0 0
112	KICKER1 C	PY	.000169	.000169	0 0
113	FACE2 C	PY	.000349	.000349	0 0
114	FACE1 C	PY	.000349	.000349	0 0
115	FACE PL4 C	PY	7.3e-5	7.3e-5	0 0
116	FACE PL3 C	PY	7.3e-5	7.3e-5	0 0
117	FACE PL2 C	PY	7.3e-5	7.3e-5	0 0
118	FACE PL1 C	PY	7.3e-5	7.3e-5	0 0
119	DIAG2 C	PY	5.5e-5	5.5e-5	0 0
120	DIAG1 C	PY	5.5e-5	5.5e-5	0 0
121	BACK2 C	PY	9.8e-5	9.8e-5	0 0
122	BACK1 C	PY	9.8e-5	9.8e-5	0 0
123	BACK PIPE1 C	PY	.00033	.00033	0 0
124	MCFACE	PY	.000513	.000513	0 0
125	MCSTAB1	PY	.000489	.000489	0 0
126	MCSTAB2	PY	.000489	.000489	0 0
127	MCSTAB3	PY	.000489	.000489	0 0
128	MCSTAB4	PY	.000489	.000489	0 0
129	MCTIEBACK	PY	.000175	.000175	0 0
130	VERT4 B	PX	6.4e-5	6.4e-5	0 0
131	VERT3 B	PX	6.4e-5	6.4e-5	0 0
132	VERT2 B	PX	6.4e-5	6.4e-5	0 0



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

	Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
133	VERT1 B	PX	6.4e-5	6.4e-5	0	0
134	TIEBACK2 B	PX	.000101	.000101	0	0
135	TIEBACK1 B	PX	.000101	.000101	0	0
136	PLATE12 B	PX	5.6e-5	5.6e-5	0	0
137	PLATE 11 B	PX	5.6e-5	5.6e-5	0	0
138	PLATE 10 B	PX	5.6e-5	5.6e-5	0	0
139	PLATE 9 B	PX	5.6e-5	5.6e-5	0	0
140	PLATE 8 B	PX	5.6e-5	5.6e-5	0	0
141	PLATE 7 B	PX	5.6e-5	5.6e-5	0	0
142	PLATE 6 B	PX	5.6e-5	5.6e-5	0	0
143	PLATE 5 B	PX	5.6e-5	5.6e-5	0	0
144	PLATE 4 B	PX	5.6e-5	5.6e-5	0	0
145	PLATE 3 B	PX	5.6e-5	5.6e-5	0	0
146	PLATE 2 B	PX	5.6e-5	5.6e-5	0	0
147	PLATE 1 B	PX	5.6e-5	5.6e-5	0	0
148	MP BETA4	PX	.000322	.000322	0	0
149	MP BETA3	PX	.000322	.000322	0	0
150	MP BETA2	PX	.000322	.000322	0	0
151	MP BETA5	PX	.000322	.000322	0	0
152	KICKER4 B	PX	9.8e-5	9.8e-5	0	0
153	KICKER3 B	PX	9.8e-5	9.8e-5	0	0
154	KICKER2 B	PX	9.8e-5	9.8e-5	0	0
155	KICKER1 B	PX	9.8e-5	9.8e-5	0	0
156	FACE2 B	PX	.000202	.000202	0	0
157	FACE1 B	PX	.000202	.000202	0	0
158	FACE PL4 B	PX	4.2e-5	4.2e-5	0	0
159	FACE PL3 B	PX	4.2e-5	4.2e-5	0	0
160	FACE PL2 B	PX	4.2e-5	4.2e-5	0	0
161	FACE PL1 B	PX	4.2e-5	4.2e-5	0	0
162	DIAG2 B	PX	3.2e-5	3.2e-5	0	0
163	DIAG1 B	PX	3.2e-5	3.2e-5	0	0
164	BACK2 B	PX	5.6e-5	5.6e-5	0	0
165	BACK1 B	PX	5.6e-5	5.6e-5	0	0
166	BACK PIPE1 B	PX	.000191	.000191	0	0
167	MBFACE	PX	.000296	.000296	0	0
168	MBSTAB1	PX	.000282	.000282	0	0
169	MBSTAB2	PX	.000282	.000282	0	0
170	MBSTAB3	PX	.000282	.000282	0	0
171	MBSTAB4	PX	.000282	.000282	0	0
172	MBTIEBACK	PX	.000101	.000101	0	0
173	VERT4 C	PX	6.4e-5	6.4e-5	0	0
174	VERT3 C	PX	6.4e-5	6.4e-5	0	0
175	VERT2 C	PX	6.4e-5	6.4e-5	0	0
176	VERT1 C	PX	6.4e-5	6.4e-5	0	0
177	TIEBACK2 C	PX	.000101	.000101	0	0
178	TIEBACK1 C	PX	.000101	.000101	0	0
179	PLATE12 C	PX	5.6e-5	5.6e-5	0	0
180	PLATE 11 C	PX	5.6e-5	5.6e-5	0	0
181	PLATE 10 C	PX	5.6e-5	5.6e-5	0	0
182	PLATE 9 C	PX	5.6e-5	5.6e-5	0	0
183	PLATE 8 C	PX	5.6e-5	5.6e-5	0	0
184	PLATE 7 C	PX	5.6e-5	5.6e-5	0	0
185	PLATE 6 C	PX	5.6e-5	5.6e-5	0	0
186	PLATE 5 C	PX	5.6e-5	5.6e-5	0	0
187	PLATE 4 C	PX	5.6e-5	5.6e-5	0	0
188	PLATE 3 C	PX	5.6e-5	5.6e-5	0	0
189	PLATE 2 C	PX	5.6e-5	5.6e-5	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
190	PLATE 1 C	PX	5.6e-5	5.6e-5	0	0
191	MP GAMMA4	PX	.000322	.000322	0	0
192	MP GAMMA3	PX	.000322	.000322	0	0
193	MP GAMMA2	PX	.000322	.000322	0	0
194	MP GAMMA5	PX	.000322	.000322	0	0
195	KICKER4 C	PX	9.8e-5	9.8e-5	0	0
196	KICKER3 C	PX	9.8e-5	9.8e-5	0	0
197	KICKER2 C	PX	9.8e-5	9.8e-5	0	0
198	KICKER1 C	PX	9.8e-5	9.8e-5	0	0
199	FACE2 C	PX	.000202	.000202	0	0
200	FACE1 C	PX	.000202	.000202	0	0
201	FACE PL4 C	PX	4.2e-5	4.2e-5	0	0
202	FACE PL3 C	PX	4.2e-5	4.2e-5	0	0
203	FACE PL2 C	PX	4.2e-5	4.2e-5	0	0
204	FACE PL1 C	PX	4.2e-5	4.2e-5	0	0
205	DIAG2 C	PX	3.2e-5	3.2e-5	0	0
206	DIAG1 C	PX	3.2e-5	3.2e-5	0	0
207	BACK2 C	PX	5.6e-5	5.6e-5	0	0
208	BACK1 C	PX	5.6e-5	5.6e-5	0	0
209	BACK PIPE1 C	PX	.000191	.000191	0	0
210	MCFACE	PX	.000296	.000296	0	0
211	MCSTAB1	PX	.000282	.000282	0	0
212	MCSTAB2	PX	.000282	.000282	0	0
213	MCSTAB3	PX	.000282	.000282	0	0
214	MCSTAB4	PX	.000282	.000282	0	0
215	MCTIEBACK	PX	.000101	.000101	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	-6.4e-5	-6.4e-5	0	0
2	VERT3	PY	-6.4e-5	-6.4e-5	0	0
3	VERT2	PY	-6.4e-5	-6.4e-5	0	0
4	VERT1	PY	-6.4e-5	-6.4e-5	0	0
5	TIEBACK2	PY	-.000101	-.000101	0	0
6	TIEBACK1	PY	-.000101	-.000101	0	0
7	PLATE12	PY	-5.6e-5	-5.6e-5	0	0
8	PLATE 11	PY	-5.6e-5	-5.6e-5	0	0
9	PLATE 10	PY	-5.6e-5	-5.6e-5	0	0
10	PLATE 9	PY	-5.6e-5	-5.6e-5	0	0
11	PLATE 8	PY	-5.6e-5	-5.6e-5	0	0
12	PLATE 7	PY	-5.6e-5	-5.6e-5	0	0
13	PLATE 6	PY	-5.6e-5	-5.6e-5	0	0
14	PLATE 5	PY	-5.6e-5	-5.6e-5	0	0
15	PLATE 4	PY	-5.6e-5	-5.6e-5	0	0
16	PLATE 3	PY	-5.6e-5	-5.6e-5	0	0
17	PLATE 2	PY	-5.6e-5	-5.6e-5	0	0
18	PLATE 1	PY	-5.6e-5	-5.6e-5	0	0
19	MP ALPHA4	PY	-.000322	-.000322	0	0
20	MP ALPHA3	PY	-.000322	-.000322	0	0
21	MP ALPHA2	PY	-.000322	-.000322	0	0
22	MP ALPHA5	PY	-.000322	-.000322	0	0
23	KICKER4	PY	-9.8e-5	-9.8e-5	0	0
24	KICKER3	PY	-9.8e-5	-9.8e-5	0	0
25	KICKER2	PY	-9.8e-5	-9.8e-5	0	0
26	KICKER1	PY	-9.8e-5	-9.8e-5	0	0
27	FACE2	PY	-.000202	-.000202	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
28	FACE1	PY	-0.00202	-0.00202	0	0
29	FACE PL4	PY	-4.2e-5	-4.2e-5	0	0
30	FACE PL3	PY	-4.2e-5	-4.2e-5	0	0
31	FACE PL2	PY	-4.2e-5	-4.2e-5	0	0
32	FACE PL1	PY	-4.2e-5	-4.2e-5	0	0
33	DIAG2	PY	-3.2e-5	-3.2e-5	0	0
34	DIAG1	PY	-3.2e-5	-3.2e-5	0	0
35	BACK2	PY	-5.6e-5	-5.6e-5	0	0
36	BACK1	PY	-5.6e-5	-5.6e-5	0	0
37	BACK PIPE1	PY	-0.00191	-0.00191	0	0
38	MAFACE	PY	-0.00296	-0.00296	0	0
39	MASTAB1	PY	-0.00282	-0.00282	0	0
40	MASTAB2	PY	-0.00282	-0.00282	0	0
41	MASTAB3	PY	-0.00282	-0.00282	0	0
42	MASTAB4	PY	-0.00282	-0.00282	0	0
43	MATIEBACK	PY	-0.00101	-0.00101	0	0
44	VERT4 B	PY	-0.00127	-0.00127	0	0
45	VERT3 B	PY	-0.00127	-0.00127	0	0
46	VERT2 B	PY	-0.00127	-0.00127	0	0
47	VERT1 B	PY	-0.00127	-0.00127	0	0
48	TIEBACK2 B	PY	-0.00202	-0.00202	0	0
49	TIEBACK1 B	PY	-0.00202	-0.00202	0	0
50	PLATE12 B	PY	-0.00113	-0.00113	0	0
51	PLATE 11 B	PY	-0.00113	-0.00113	0	0
52	PLATE 10 B	PY	-0.00113	-0.00113	0	0
53	PLATE 9 B	PY	-0.00113	-0.00113	0	0
54	PLATE 8 B	PY	-0.00113	-0.00113	0	0
55	PLATE 7 B	PY	-0.00113	-0.00113	0	0
56	PLATE 6 B	PY	-0.00113	-0.00113	0	0
57	PLATE 5 B	PY	-0.00113	-0.00113	0	0
58	PLATE 4 B	PY	-0.00113	-0.00113	0	0
59	PLATE 3 B	PY	-0.00113	-0.00113	0	0
60	PLATE 2 B	PY	-0.00113	-0.00113	0	0
61	PLATE 1 B	PY	-0.00113	-0.00113	0	0
62	MP BETA4	PY	-0.00644	-0.00644	0	0
63	MP BETA3	PY	-0.00644	-0.00644	0	0
64	MP BETA2	PY	-0.00644	-0.00644	0	0
65	MP BETA5	PY	-0.00644	-0.00644	0	0
66	KICKER4 B	PY	-0.00196	-0.00196	0	0
67	KICKER3 B	PY	-0.00196	-0.00196	0	0
68	KICKER2 B	PY	-0.00196	-0.00196	0	0
69	KICKER1 B	PY	-0.00196	-0.00196	0	0
70	FACE2 B	PY	-0.00403	-0.00403	0	0
71	FACE1 B	PY	-0.00403	-0.00403	0	0
72	FACE PL4 B	PY	-8.5e-5	-8.5e-5	0	0
73	FACE PL3 B	PY	-8.5e-5	-8.5e-5	0	0
74	FACE PL2 B	PY	-8.5e-5	-8.5e-5	0	0
75	FACE PL1 B	PY	-8.5e-5	-8.5e-5	0	0
76	DIAG2 B	PY	-6.4e-5	-6.4e-5	0	0
77	DIAG1 B	PY	-6.4e-5	-6.4e-5	0	0
78	BACK2 B	PY	-0.00113	-0.00113	0	0
79	BACK1 B	PY	-0.00113	-0.00113	0	0
80	BACK PIPE1 B	PY	-0.00381	-0.00381	0	0
81	MBFACE	PY	-0.00593	-0.00593	0	0
82	MBSTAB1	PY	-0.00565	-0.00565	0	0
83	MBSTAB2	PY	-0.00565	-0.00565	0	0
84	MBSTAB3	PY	-0.00565	-0.00565	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
85	MBSTAB4	PY	-0.00565	-0.00565	0	0
86	MBTIEBACK	PY	-0.00202	-0.00202	0	0
87	VERT4 C	PY	-6.4e-5	-6.4e-5	0	0
88	VERT3 C	PY	-6.4e-5	-6.4e-5	0	0
89	VERT2 C	PY	-6.4e-5	-6.4e-5	0	0
90	VERT1 C	PY	-6.4e-5	-6.4e-5	0	0
91	TIEBACK2 C	PY	-0.00101	-0.00101	0	0
92	TIEBACK1 C	PY	-0.00101	-0.00101	0	0
93	PLATE12 C	PY	-5.6e-5	-5.6e-5	0	0
94	PLATE 11 C	PY	-5.6e-5	-5.6e-5	0	0
95	PLATE 10 C	PY	-5.6e-5	-5.6e-5	0	0
96	PLATE 9 C	PY	-5.6e-5	-5.6e-5	0	0
97	PLATE 8 C	PY	-5.6e-5	-5.6e-5	0	0
98	PLATE 7 C	PY	-5.6e-5	-5.6e-5	0	0
99	PLATE 6 C	PY	-5.6e-5	-5.6e-5	0	0
100	PLATE 5 C	PY	-5.6e-5	-5.6e-5	0	0
101	PLATE 4 C	PY	-5.6e-5	-5.6e-5	0	0
102	PLATE 3 C	PY	-5.6e-5	-5.6e-5	0	0
103	PLATE 2 C	PY	-5.6e-5	-5.6e-5	0	0
104	PLATE 1 C	PY	-5.6e-5	-5.6e-5	0	0
105	MP GAMMA4	PY	-0.00322	-0.00322	0	0
106	MP GAMMA3	PY	-0.00322	-0.00322	0	0
107	MP GAMMA2	PY	-0.00322	-0.00322	0	0
108	MP GAMMA5	PY	-0.00322	-0.00322	0	0
109	KICKER4 C	PY	-9.8e-5	-9.8e-5	0	0
110	KICKER3 C	PY	-9.8e-5	-9.8e-5	0	0
111	KICKER2 C	PY	-9.8e-5	-9.8e-5	0	0
112	KICKER1 C	PY	-9.8e-5	-9.8e-5	0	0
113	FACE2 C	PY	-0.00202	-0.00202	0	0
114	FACE1 C	PY	-0.00202	-0.00202	0	0
115	FACE PL4 C	PY	-4.2e-5	-4.2e-5	0	0
116	FACE PL3 C	PY	-4.2e-5	-4.2e-5	0	0
117	FACE PL2 C	PY	-4.2e-5	-4.2e-5	0	0
118	FACE PL1 C	PY	-4.2e-5	-4.2e-5	0	0
119	DIAG2 C	PY	-3.2e-5	-3.2e-5	0	0
120	DIAG1 C	PY	-3.2e-5	-3.2e-5	0	0
121	BACK2 C	PY	-5.6e-5	-5.6e-5	0	0
122	BACK1 C	PY	-5.6e-5	-5.6e-5	0	0
123	BACK PIPE1 C	PY	-0.00191	-0.00191	0	0
124	MCFACE	PY	-0.00296	-0.00296	0	0
125	MCSTAB1	PY	-0.00282	-0.00282	0	0
126	MCSTAB2	PY	-0.00282	-0.00282	0	0
127	MCSTAB3	PY	-0.00282	-0.00282	0	0
128	MCSTAB4	PY	-0.00282	-0.00282	0	0
129	MCTIEBACK	PY	-0.00101	-0.00101	0	0
130	VERT4	PX	.00011	.00011	0	0
131	VERT3	PX	.00011	.00011	0	0
132	VERT2	PX	.00011	.00011	0	0
133	VERT1	PX	.00011	.00011	0	0
134	TIEBACK2	PX	.000175	.000175	0	0
135	TIEBACK1	PX	.000175	.000175	0	0
136	PLATE12	PX	9.8e-5	9.8e-5	0	0
137	PLATE 11	PX	9.8e-5	9.8e-5	0	0
138	PLATE 10	PX	9.8e-5	9.8e-5	0	0
139	PLATE 9	PX	9.8e-5	9.8e-5	0	0
140	PLATE 8	PX	9.8e-5	9.8e-5	0	0
141	PLATE 7	PX	9.8e-5	9.8e-5	0	0



Company : POD Group
 Designer : JMM
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Member Distributed Loads (BLC 25 : Maintenance (300)) (Continued)

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
142	PLATE 6	PX	9.8e-5	9.8e-5	0	0
143	PLATE 5	PX	9.8e-5	9.8e-5	0	0
144	PLATE 4	PX	9.8e-5	9.8e-5	0	0
145	PLATE 3	PX	9.8e-5	9.8e-5	0	0
146	PLATE 2	PX	9.8e-5	9.8e-5	0	0
147	PLATE 1	PX	9.8e-5	9.8e-5	0	0
148	MP ALPHA4	PX	.000558	.000558	0	0
149	MP ALPHA3	PX	.000558	.000558	0	0
150	MP ALPHA2	PX	.000558	.000558	0	0
151	MP ALPHA5	PX	.000558	.000558	0	0
152	KICKER4	PX	.000169	.000169	0	0
153	KICKER3	PX	.000169	.000169	0	0
154	KICKER2	PX	.000169	.000169	0	0
155	KICKER1	PX	.000169	.000169	0	0
156	FACE2	PX	.000349	.000349	0	0
157	FACE1	PX	.000349	.000349	0	0
158	FACE PL4	PX	7.3e-5	7.3e-5	0	0
159	FACE PL3	PX	7.3e-5	7.3e-5	0	0
160	FACE PL2	PX	7.3e-5	7.3e-5	0	0
161	FACE PL1	PX	7.3e-5	7.3e-5	0	0
162	DIAG2	PX	5.5e-5	5.5e-5	0	0
163	DIAG1	PX	5.5e-5	5.5e-5	0	0
164	BACK2	PX	9.8e-5	9.8e-5	0	0
165	BACK1	PX	9.8e-5	9.8e-5	0	0
166	BACK PIPE1	PX	.00033	.00033	0	0
167	MAFACE	PX	.000513	.000513	0	0
168	MASTAB1	PX	.000489	.000489	0	0
169	MASTAB2	PX	.000489	.000489	0	0
170	MASTAB3	PX	.000489	.000489	0	0
171	MASTAB4	PX	.000489	.000489	0	0
172	MATIEBACK	PX	.000175	.000175	0	0
173	VERT4 C	PX	.00011	.00011	0	0
174	VERT3 C	PX	.00011	.00011	0	0
175	VERT2 C	PX	.00011	.00011	0	0
176	VERT1 C	PX	.00011	.00011	0	0
177	TIEBACK2 C	PX	.000175	.000175	0	0
178	TIEBACK1 C	PX	.000175	.000175	0	0
179	PLATE12 C	PX	9.8e-5	9.8e-5	0	0
180	PLATE 11 C	PX	9.8e-5	9.8e-5	0	0
181	PLATE 10 C	PX	9.8e-5	9.8e-5	0	0
182	PLATE 9 C	PX	9.8e-5	9.8e-5	0	0
183	PLATE 8 C	PX	9.8e-5	9.8e-5	0	0
184	PLATE 7 C	PX	9.8e-5	9.8e-5	0	0
185	PLATE 6 C	PX	9.8e-5	9.8e-5	0	0
186	PLATE 5 C	PX	9.8e-5	9.8e-5	0	0
187	PLATE 4 C	PX	9.8e-5	9.8e-5	0	0
188	PLATE 3 C	PX	9.8e-5	9.8e-5	0	0
189	PLATE 2 C	PX	9.8e-5	9.8e-5	0	0
190	PLATE 1 C	PX	9.8e-5	9.8e-5	0	0
191	MP GAMMA4	PX	.000558	.000558	0	0
192	MP GAMMA3	PX	.000558	.000558	0	0
193	MP GAMMA2	PX	.000558	.000558	0	0
194	MP GAMMA5	PX	.000558	.000558	0	0
195	KICKER4 C	PX	.000169	.000169	0	0
196	KICKER3 C	PX	.000169	.000169	0	0
197	KICKER2 C	PX	.000169	.000169	0	0
198	KICKER1 C	PX	.000169	.000169	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
199	FACE2 C	PX	.000349	.000349	0	0
200	FACE1 C	PX	.000349	.000349	0	0
201	FACE PL4 C	PX	7.3e-5	7.3e-5	0	0
202	FACE PL3 C	PX	7.3e-5	7.3e-5	0	0
203	FACE PL2 C	PX	7.3e-5	7.3e-5	0	0
204	FACE PL1 C	PX	7.3e-5	7.3e-5	0	0
205	DIAG2 C	PX	5.5e-5	5.5e-5	0	0
206	DIAG1 C	PX	5.5e-5	5.5e-5	0	0
207	BACK2 C	PX	9.8e-5	9.8e-5	0	0
208	BACK1 C	PX	9.8e-5	9.8e-5	0	0
209	BACK PIPE1 C	PX	.00033	.00033	0	0
210	MCFACE	PX	.000513	.000513	0	0
211	MCSTAB1	PX	.000489	.000489	0	0
212	MCSTAB2	PX	.000489	.000489	0	0
213	MCSTAB3	PX	.000489	.000489	0	0
214	MCSTAB4	PX	.000489	.000489	0	0
215	MCTIEBACK	PX	.000175	.000175	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	-.00011	-.00011	0	0
2	VERT3	PY	-.00011	-.00011	0	0
3	VERT2	PY	-.00011	-.00011	0	0
4	VERT1	PY	-.00011	-.00011	0	0
5	TIEBACK2	PY	-.000175	-.000175	0	0
6	TIEBACK1	PY	-.000175	-.000175	0	0
7	PLATE12	PY	-9.8e-5	-9.8e-5	0	0
8	PLATE 11	PY	-9.8e-5	-9.8e-5	0	0
9	PLATE 10	PY	-9.8e-5	-9.8e-5	0	0
10	PLATE 9	PY	-9.8e-5	-9.8e-5	0	0
11	PLATE 8	PY	-9.8e-5	-9.8e-5	0	0
12	PLATE 7	PY	-9.8e-5	-9.8e-5	0	0
13	PLATE 6	PY	-9.8e-5	-9.8e-5	0	0
14	PLATE 5	PY	-9.8e-5	-9.8e-5	0	0
15	PLATE 4	PY	-9.8e-5	-9.8e-5	0	0
16	PLATE 3	PY	-9.8e-5	-9.8e-5	0	0
17	PLATE 2	PY	-9.8e-5	-9.8e-5	0	0
18	PLATE 1	PY	-9.8e-5	-9.8e-5	0	0
19	MP ALPHA4	PY	-.000558	-.000558	0	0
20	MP ALPHA3	PY	-.000558	-.000558	0	0
21	MP ALPHA2	PY	-.000558	-.000558	0	0
22	MP ALPHA5	PY	-.000558	-.000558	0	0
23	KICKER4	PY	-.000169	-.000169	0	0
24	KICKER3	PY	-.000169	-.000169	0	0
25	KICKER2	PY	-.000169	-.000169	0	0
26	KICKER1	PY	-.000169	-.000169	0	0
27	FACE2	PY	-.000349	-.000349	0	0
28	FACE1	PY	-.000349	-.000349	0	0
29	FACE PL4	PY	-7.3e-5	-7.3e-5	0	0
30	FACE PL3	PY	-7.3e-5	-7.3e-5	0	0
31	FACE PL2	PY	-7.3e-5	-7.3e-5	0	0
32	FACE PL1	PY	-7.3e-5	-7.3e-5	0	0
33	DIAG2	PY	-5.5e-5	-5.5e-5	0	0
34	DIAG1	PY	-5.5e-5	-5.5e-5	0	0
35	BACK2	PY	-9.8e-5	-9.8e-5	0	0
36	BACK1	PY	-9.8e-5	-9.8e-5	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
37	BACK PIPE1	PY	-0.00033	-0.00033	0	0
38	MAFACE	PY	-0.000513	-0.000513	0	0
39	MASTAB1	PY	-0.000489	-0.000489	0	0
40	MASTAB2	PY	-0.000489	-0.000489	0	0
41	MASTAB3	PY	-0.000489	-0.000489	0	0
42	MASTAB4	PY	-0.000489	-0.000489	0	0
43	MATIEBACK	PY	-0.000175	-0.000175	0	0
44	VERT4 B	PY	-0.00011	-0.00011	0	0
45	VERT3 B	PY	-0.00011	-0.00011	0	0
46	VERT2 B	PY	-0.00011	-0.00011	0	0
47	VERT1 B	PY	-0.00011	-0.00011	0	0
48	TIEBACK2 B	PY	-0.000175	-0.000175	0	0
49	TIEBACK1 B	PY	-0.000175	-0.000175	0	0
50	PLATE12 B	PY	-9.8e-5	-9.8e-5	0	0
51	PLATE 11 B	PY	-9.8e-5	-9.8e-5	0	0
52	PLATE 10 B	PY	-9.8e-5	-9.8e-5	0	0
53	PLATE 9 B	PY	-9.8e-5	-9.8e-5	0	0
54	PLATE 8 B	PY	-9.8e-5	-9.8e-5	0	0
55	PLATE 7 B	PY	-9.8e-5	-9.8e-5	0	0
56	PLATE 6 B	PY	-9.8e-5	-9.8e-5	0	0
57	PLATE 5 B	PY	-9.8e-5	-9.8e-5	0	0
58	PLATE 4 B	PY	-9.8e-5	-9.8e-5	0	0
59	PLATE 3 B	PY	-9.8e-5	-9.8e-5	0	0
60	PLATE 2 B	PY	-9.8e-5	-9.8e-5	0	0
61	PLATE 1 B	PY	-9.8e-5	-9.8e-5	0	0
62	MP BETA4	PY	-0.000558	-0.000558	0	0
63	MP BETA3	PY	-0.000558	-0.000558	0	0
64	MP BETA2	PY	-0.000558	-0.000558	0	0
65	MP BETA5	PY	-0.000558	-0.000558	0	0
66	KICKER4 B	PY	-0.000169	-0.000169	0	0
67	KICKER3 B	PY	-0.000169	-0.000169	0	0
68	KICKER2 B	PY	-0.000169	-0.000169	0	0
69	KICKER1 B	PY	-0.000169	-0.000169	0	0
70	FACE2 B	PY	-0.000349	-0.000349	0	0
71	FACE1 B	PY	-0.000349	-0.000349	0	0
72	FACE PL4 B	PY	-7.3e-5	-7.3e-5	0	0
73	FACE PL3 B	PY	-7.3e-5	-7.3e-5	0	0
74	FACE PL2 B	PY	-7.3e-5	-7.3e-5	0	0
75	FACE PL1 B	PY	-7.3e-5	-7.3e-5	0	0
76	DIAG2 B	PY	-5.5e-5	-5.5e-5	0	0
77	DIAG1 B	PY	-5.5e-5	-5.5e-5	0	0
78	BACK2 B	PY	-9.8e-5	-9.8e-5	0	0
79	BACK1 B	PY	-9.8e-5	-9.8e-5	0	0
80	BACK PIPE1 B	PY	-0.00033	-0.00033	0	0
81	MBFACE	PY	-0.000513	-0.000513	0	0
82	MBSTAB1	PY	-0.000489	-0.000489	0	0
83	MBSTAB2	PY	-0.000489	-0.000489	0	0
84	MBSTAB3	PY	-0.000489	-0.000489	0	0
85	MBSTAB4	PY	-0.000489	-0.000489	0	0
86	MBTIEBACK	PY	-0.000175	-0.000175	0	0
87	VERT4 C	PX	7.6e-5	7.6e-5	0	0
88	VERT3 C	PX	7.6e-5	7.6e-5	0	0
89	VERT2 C	PX	7.6e-5	7.6e-5	0	0
90	VERT1 C	PX	7.6e-5	7.6e-5	0	0
91	TIEBACK2 C	PX	.000482	.000482	0	0
92	TIEBACK1 C	PX	.000482	.000482	0	0
93	PLATE12 C	PX	.000113	.000113	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
94	PLATE 11 C	PX	.000113	.000113	0	0
95	PLATE 10 C	PX	.000113	.000113	0	0
96	PLATE 9 C	PX	.000113	.000113	0	0
97	PLATE 8 C	PX	.000113	.000113	0	0
98	PLATE 7 C	PX	.000113	.000113	0	0
99	PLATE 6 C	PX	.000113	.000113	0	0
100	PLATE 5 C	PX	.000113	.000113	0	0
101	PLATE 4 C	PX	.000113	.000113	0	0
102	PLATE 3 C	PX	.000113	.000113	0	0
103	PLATE 2 C	PX	.000113	.000113	0	0
104	PLATE 1 C	PX	.000113	.000113	0	0
105	MP GAMMA4	PX	.000644	.000644	0	0
106	MP GAMMA3	PX	.000644	.000644	0	0
107	MP GAMMA2	PX	.000644	.000644	0	0
108	MP GAMMA5	PX	.000644	.000644	0	0
109	KICKER4 C	PX	.000467	.000467	0	0
110	KICKER3 C	PX	.000467	.000467	0	0
111	KICKER2 C	PX	.000467	.000467	0	0
112	KICKER1 C	PX	.000467	.000467	0	0
113	FACE2 C	PX	.000241	.000241	0	0
114	FACE1 C	PX	.000241	.000241	0	0
115	FACE PL4 C	PX	8.5e-5	8.5e-5	0	0
116	FACE PL3 C	PX	8.5e-5	8.5e-5	0	0
117	FACE PL2 C	PX	8.5e-5	8.5e-5	0	0
118	FACE PL1 C	PX	8.5e-5	8.5e-5	0	0
119	DIAG2 C	PX	.000152	.000152	0	0
120	DIAG1 C	PX	.000152	.000152	0	0
121	BACK2 C	PX	.000113	.000113	0	0
122	BACK1 C	PX	.000113	.000113	0	0
123	BACK PIPE1 C	PX	.000455	.000455	0	0
124	MCFACE	PX	.000354	.000354	0	0
125	MCSTAB1	PX	.000565	.000565	0	0
126	MCSTAB2	PX	.000565	.000565	0	0
127	MCSTAB3	PX	.000565	.000565	0	0
128	MCSTAB4	PX	.000565	.000565	0	0
129	MCTIEBACK	PX	.000482	.000482	0	0
130	VERT4	PX	6.4e-5	6.4e-5	0	0
131	VERT3	PX	6.4e-5	6.4e-5	0	0
132	VERT2	PX	6.4e-5	6.4e-5	0	0
133	VERT1	PX	6.4e-5	6.4e-5	0	0
134	TIEBACK2	PX	.000101	.000101	0	0
135	TIEBACK1	PX	.000101	.000101	0	0
136	PLATE12	PX	5.6e-5	5.6e-5	0	0
137	PLATE 11	PX	5.6e-5	5.6e-5	0	0
138	PLATE 10	PX	5.6e-5	5.6e-5	0	0
139	PLATE 9	PX	5.6e-5	5.6e-5	0	0
140	PLATE 8	PX	5.6e-5	5.6e-5	0	0
141	PLATE 7	PX	5.6e-5	5.6e-5	0	0
142	PLATE 6	PX	5.6e-5	5.6e-5	0	0
143	PLATE 5	PX	5.6e-5	5.6e-5	0	0
144	PLATE 4	PX	5.6e-5	5.6e-5	0	0
145	PLATE 3	PX	5.6e-5	5.6e-5	0	0
146	PLATE 2	PX	5.6e-5	5.6e-5	0	0
147	PLATE 1	PX	5.6e-5	5.6e-5	0	0
148	MP ALPHA4	PX	.000322	.000322	0	0
149	MP ALPHA3	PX	.000322	.000322	0	0
150	MP ALPHA2	PX	.000322	.000322	0	0



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

Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
151	MP ALPHA5	PX	.000322	.000322	0 0
152	KICKER4	PX	9.8e-5	9.8e-5	0 0
153	KICKER3	PX	9.8e-5	9.8e-5	0 0
154	KICKER2	PX	9.8e-5	9.8e-5	0 0
155	KICKER1	PX	9.8e-5	9.8e-5	0 0
156	FACE2	PX	.000202	.000202	0 0
157	FACE1	PX	.000202	.000202	0 0
158	FACE PL4	PX	4.2e-5	4.2e-5	0 0
159	FACE PL3	PX	4.2e-5	4.2e-5	0 0
160	FACE PL2	PX	4.2e-5	4.2e-5	0 0
161	FACE PL1	PX	4.2e-5	4.2e-5	0 0
162	DIAG2	PX	3.2e-5	3.2e-5	0 0
163	DIAG1	PX	3.2e-5	3.2e-5	0 0
164	BACK2	PX	5.6e-5	5.6e-5	0 0
165	BACK1	PX	5.6e-5	5.6e-5	0 0
166	BACK PIPE1	PX	.000191	.000191	0 0
167	MAFACE	PX	.000296	.000296	0 0
168	MASTAB1	PX	.000282	.000282	0 0
169	MASTAB2	PX	.000282	.000282	0 0
170	MASTAB3	PX	.000282	.000282	0 0
171	MASTAB4	PX	.000282	.000282	0 0
172	MATIEBACK	PX	.000101	.000101	0 0
173	VERT4 B	PX	6.4e-5	6.4e-5	0 0
174	VERT3 B	PX	6.4e-5	6.4e-5	0 0
175	VERT2 B	PX	6.4e-5	6.4e-5	0 0
176	VERT1 B	PX	6.4e-5	6.4e-5	0 0
177	TIEBACK2 B	PX	.000101	.000101	0 0
178	TIEBACK1 B	PX	.000101	.000101	0 0
179	PLATE12 B	PX	5.6e-5	5.6e-5	0 0
180	PLATE 11 B	PX	5.6e-5	5.6e-5	0 0
181	PLATE 10 B	PX	5.6e-5	5.6e-5	0 0
182	PLATE 9 B	PX	5.6e-5	5.6e-5	0 0
183	PLATE 8 B	PX	5.6e-5	5.6e-5	0 0
184	PLATE 7 B	PX	5.6e-5	5.6e-5	0 0
185	PLATE 6 B	PX	5.6e-5	5.6e-5	0 0
186	PLATE 5 B	PX	5.6e-5	5.6e-5	0 0
187	PLATE 4 B	PX	5.6e-5	5.6e-5	0 0
188	PLATE 3 B	PX	5.6e-5	5.6e-5	0 0
189	PLATE 2 B	PX	5.6e-5	5.6e-5	0 0
190	PLATE 1 B	PX	5.6e-5	5.6e-5	0 0
191	MP BETA4	PX	.000322	.000322	0 0
192	MP BETA3	PX	.000322	.000322	0 0
193	MP BETA2	PX	.000322	.000322	0 0
194	MP BETA5	PX	.000322	.000322	0 0
195	KICKER4 B	PX	9.8e-5	9.8e-5	0 0
196	KICKER3 B	PX	9.8e-5	9.8e-5	0 0
197	KICKER2 B	PX	9.8e-5	9.8e-5	0 0
198	KICKER1 B	PX	9.8e-5	9.8e-5	0 0
199	FACE2 B	PX	.000202	.000202	0 0
200	FACE1 B	PX	.000202	.000202	0 0
201	FACE PL4 B	PX	4.2e-5	4.2e-5	0 0
202	FACE PL3 B	PX	4.2e-5	4.2e-5	0 0
203	FACE PL2 B	PX	4.2e-5	4.2e-5	0 0
204	FACE PL1 B	PX	4.2e-5	4.2e-5	0 0
205	DIAG2 B	PX	3.2e-5	3.2e-5	0 0
206	DIAG1 B	PX	3.2e-5	3.2e-5	0 0
207	BACK2 B	PX	5.6e-5	5.6e-5	0 0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
208	BACK1 B	PX	5.6e-5	5.6e-5	0	0
209	BACK PIPE1 B	PX	.000191	.000191	0	0
210	MBFACE	PX	.000296	.000296	0	0
211	MBSTAB1	PX	.000282	.000282	0	0
212	MBSTAB2	PX	.000282	.000282	0	0
213	MBSTAB3	PX	.000282	.000282	0	0
214	MBSTAB4	PX	.000282	.000282	0	0
215	MBTIEBACK	PX	.000101	.000101	0	0

Member Distributed Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
1	VERT4	Z	-.005	-.005	0	0
2	VERT3	Z	-.005	-.005	0	0
3	VERT2	Z	-.005	-.005	0	0
4	VERT1	Z	-.005	-.005	0	0
5	TIEBACK2	Z	-.009	-.009	0	0
6	TIEBACK1	Z	-.009	-.009	0	0
7	PLATE12	Z	-.011	-.011	0	0
8	PLATE 11	Z	-.011	-.011	0	0
9	PLATE 10	Z	-.011	-.011	0	0
10	PLATE 9	Z	-.011	-.011	0	0
11	PLATE 8	Z	-.011	-.011	0	0
12	PLATE 7	Z	-.011	-.011	0	0
13	PLATE 6	Z	-.011	-.011	0	0
14	PLATE 5	Z	-.011	-.011	0	0
15	PLATE 4	Z	-.011	-.011	0	0
16	PLATE 3	Z	-.011	-.011	0	0
17	PLATE 2	Z	-.011	-.011	0	0
18	PLATE 1	Z	-.011	-.011	0	0
19	MP ALPHA4	Z	-.009	-.009	0	0
20	MP ALPHA3	Z	-.009	-.009	0	0
21	MP ALPHA2	Z	-.009	-.009	0	0
22	MP ALPHA5	Z	-.009	-.009	0	0
23	KICKER4	Z	-.009	-.009	0	0
24	KICKER3	Z	-.009	-.009	0	0
25	KICKER2	Z	-.009	-.009	0	0
26	KICKER1	Z	-.009	-.009	0	0
27	FACE2	Z	-.009	-.009	0	0
28	FACE1	Z	-.009	-.009	0	0
29	FACE PL4	Z	-.013	-.013	0	0
30	FACE PL3	Z	-.013	-.013	0	0
31	FACE PL2	Z	-.013	-.013	0	0
32	FACE PL1	Z	-.013	-.013	0	0
33	DIAG2	Z	-.005	-.005	0	0
34	DIAG1	Z	-.005	-.005	0	0
35	BACK2	Z	-.014	-.014	0	0
36	BACK1	Z	-.014	-.014	0	0
37	BACK PIPE1	Z	-.013	-.013	0	0
38	MAFACE	Z	-.011	-.011	0	0
39	MASTAB1	Z	-.012	-.012	0	0
40	MASTAB2	Z	-.012	-.012	0	0
41	MASTAB3	Z	-.012	-.012	0	0
42	MASTAB4	Z	-.012	-.012	0	0
43	MATIEBACK	Z	-.009	-.009	0	0
44	VERT4 B	Z	-.003	-.003	0	0
45	VERT3 B	Z	-.003	-.003	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
46	VERT2 B	Z	-0.003	-0.003	0	0
47	VERT1 B	Z	-0.003	-0.003	0	0
48	TIEBACK2 B	Z	-0.004	-0.004	0	0
49	TIEBACK1 B	Z	-0.004	-0.004	0	0
50	PLATE12 B	Z	-0.005	-0.005	0	0
51	PLATE 11 B	Z	-0.005	-0.005	0	0
52	PLATE 10 B	Z	-0.005	-0.005	0	0
53	PLATE 9 B	Z	-0.005	-0.005	0	0
54	PLATE 8 B	Z	-0.005	-0.005	0	0
55	PLATE 7 B	Z	-0.005	-0.005	0	0
56	PLATE 6 B	Z	-0.005	-0.005	0	0
57	PLATE 5 B	Z	-0.005	-0.005	0	0
58	PLATE 4 B	Z	-0.005	-0.005	0	0
59	PLATE 3 B	Z	-0.005	-0.005	0	0
60	PLATE 2 B	Z	-0.005	-0.005	0	0
61	PLATE 1 B	Z	-0.005	-0.005	0	0
62	MP BETA4	Z	-0.004	-0.004	0	0
63	MP BETA3	Z	-0.004	-0.004	0	0
64	MP BETA2	Z	-0.004	-0.004	0	0
65	MP BETA5	Z	-0.004	-0.004	0	0
66	KICKER4 B	Z	-0.004	-0.004	0	0
67	KICKER3 B	Z	-0.004	-0.004	0	0
68	KICKER2 B	Z	-0.004	-0.004	0	0
69	KICKER1 B	Z	-0.004	-0.004	0	0
70	FACE2 B	Z	-0.004	-0.004	0	0
71	FACE1 B	Z	-0.004	-0.004	0	0
72	FACE PL4 B	Z	-0.007	-0.007	0	0
73	FACE PL3 B	Z	-0.007	-0.007	0	0
74	FACE PL2 B	Z	-0.007	-0.007	0	0
75	FACE PL1 B	Z	-0.007	-0.007	0	0
76	DIAG2 B	Z	-0.003	-0.003	0	0
77	DIAG1 B	Z	-0.003	-0.003	0	0
78	BACK2 B	Z	-0.007	-0.007	0	0
79	BACK1 B	Z	-0.007	-0.007	0	0
80	BACK PIPE1 B	Z	-0.007	-0.007	0	0
81	MBFACE	Z	-0.006	-0.006	0	0
82	MBSTAB1	Z	-0.006	-0.006	0	0
83	MBSTAB2	Z	-0.006	-0.006	0	0
84	MBSTAB3	Z	-0.006	-0.006	0	0
85	MBSTAB4	Z	-0.006	-0.006	0	0
86	MBTIEBACK	Z	-0.004	-0.004	0	0
87	VERT4 C	Z	-0.003	-0.003	0	0
88	VERT3 C	Z	-0.003	-0.003	0	0
89	VERT2 C	Z	-0.003	-0.003	0	0
90	VERT1 C	Z	-0.003	-0.003	0	0
91	TIEBACK2 C	Z	-0.004	-0.004	0	0
92	TIEBACK1 C	Z	-0.004	-0.004	0	0
93	PLATE12 C	Z	-0.005	-0.005	0	0
94	PLATE 11 C	Z	-0.005	-0.005	0	0
95	PLATE 10 C	Z	-0.005	-0.005	0	0
96	PLATE 9 C	Z	-0.005	-0.005	0	0
97	PLATE 8 C	Z	-0.005	-0.005	0	0
98	PLATE 7 C	Z	-0.005	-0.005	0	0
99	PLATE 6 C	Z	-0.005	-0.005	0	0
100	PLATE 5 C	Z	-0.005	-0.005	0	0
101	PLATE 4 C	Z	-0.005	-0.005	0	0
102	PLATE 3 C	Z	-0.005	-0.005	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
103	PLATE 2 C	Z	-0.05	-0.05	0	0
104	PLATE 1 C	Z	-0.05	-0.05	0	0
105	MP GAMMA4	Z	-0.04	-0.04	0	0
106	MP GAMMA3	Z	-0.04	-0.04	0	0
107	MP GAMMA2	Z	-0.04	-0.04	0	0
108	MP GAMMA5	Z	-0.04	-0.04	0	0
109	KICKER4 C	Z	-0.04	-0.04	0	0
110	KICKER3 C	Z	-0.04	-0.04	0	0
111	KICKER2 C	Z	-0.04	-0.04	0	0
112	KICKER1 C	Z	-0.04	-0.04	0	0
113	FACE2 C	Z	-0.04	-0.04	0	0
114	FACE1 C	Z	-0.04	-0.04	0	0
115	FACE PL4 C	Z	-0.07	-0.07	0	0
116	FACE PL3 C	Z	-0.07	-0.07	0	0
117	FACE PL2 C	Z	-0.07	-0.07	0	0
118	FACE PL1 C	Z	-0.07	-0.07	0	0
119	DIAG2 C	Z	-0.03	-0.03	0	0
120	DIAG1 C	Z	-0.03	-0.03	0	0
121	BACK2 C	Z	-0.07	-0.07	0	0
122	BACK1 C	Z	-0.07	-0.07	0	0
123	BACK PIPE1 C	Z	-0.07	-0.07	0	0
124	MCFACE	Z	-0.06	-0.06	0	0
125	MCSTAB1	Z	-0.06	-0.06	0	0
126	MCSTAB2	Z	-0.06	-0.06	0	0
127	MCSTAB3	Z	-0.06	-0.06	0	0
128	MCSTAB4	Z	-0.06	-0.06	0	0
129	MCTIEBACK	Z	-0.04	-0.04	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	-0.02	-0.02	0	0
2	VERT3	PY	-0.02	-0.02	0	0
3	VERT2	PY	-0.02	-0.02	0	0
4	VERT1	PY	-0.02	-0.02	0	0
5	TIEBACK2	PY	-0.02	-0.02	0	0
6	TIEBACK1	PY	-0.02	-0.02	0	0
7	PLATE12	PY	-0.02	-0.02	0	0
8	PLATE 11	PY	-0.02	-0.02	0	0
9	PLATE 10	PY	-0.02	-0.02	0	0
10	PLATE 9	PY	-0.02	-0.02	0	0
11	PLATE 8	PY	-0.02	-0.02	0	0
12	PLATE 7	PY	-0.02	-0.02	0	0
13	PLATE 6	PY	-0.02	-0.02	0	0
14	PLATE 5	PY	-0.02	-0.02	0	0
15	PLATE 4	PY	-0.02	-0.02	0	0
16	PLATE 3	PY	-0.02	-0.02	0	0
17	PLATE 2	PY	-0.02	-0.02	0	0
18	PLATE 1	PY	-0.02	-0.02	0	0
19	MP ALPHA4	PY	-0.04	-0.04	0	0
20	MP ALPHA3	PY	-0.04	-0.04	0	0
21	MP ALPHA2	PY	-0.04	-0.04	0	0
22	MP ALPHA5	PY	-0.04	-0.04	0	0
23	KICKER4	PY	-0.02	-0.02	0	0
24	KICKER3	PY	-0.02	-0.02	0	0
25	KICKER2	PY	-0.02	-0.02	0	0
26	KICKER1	PY	-0.02	-0.02	0	0



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

Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]	
27	FACE2	PY	-0.003	-0.003	0	0
28	FACE1	PY	-0.003	-0.003	0	0
29	FACE PL4	PY	-0.002	-0.002	0	0
30	FACE PL3	PY	-0.002	-0.002	0	0
31	FACE PL2	PY	-0.002	-0.002	0	0
32	FACE PL1	PY	-0.002	-0.002	0	0
33	DIAG2	PY	-0.001	-0.001	0	0
34	DIAG1	PY	-0.001	-0.001	0	0
35	BACK2	PY	-0.002	-0.002	0	0
36	BACK1	PY	-0.002	-0.002	0	0
37	BACK PIPE1	PY	-0.002	-0.002	0	0
38	MAFACE	PY	-0.004	-0.004	0	0
39	MASTAB1	PY	-0.003	-0.003	0	0
40	MASTAB2	PY	-0.003	-0.003	0	0
41	MASTAB3	PY	-0.003	-0.003	0	0
42	MASTAB4	PY	-0.003	-0.003	0	0
43	MATIEBACK	PY	-0.002	-0.002	0	0
44	VERT4 B	PY	-0.001	-0.001	0	0
45	VERT3 B	PY	-0.001	-0.001	0	0
46	VERT2 B	PY	-0.001	-0.001	0	0
47	VERT1 B	PY	-0.001	-0.001	0	0
48	TIEBACK2 B	PY	-0.000804	-0.000804	0	0
49	TIEBACK1 B	PY	-0.000804	-0.000804	0	0
50	PLATE12 B	PY	-0.000911	-0.000911	0	0
51	PLATE 11 B	PY	-0.000911	-0.000911	0	0
52	PLATE 10 B	PY	-0.000911	-0.000911	0	0
53	PLATE 9 B	PY	-0.000911	-0.000911	0	0
54	PLATE 8 B	PY	-0.000911	-0.000911	0	0
55	PLATE 7 B	PY	-0.000911	-0.000911	0	0
56	PLATE 6 B	PY	-0.000911	-0.000911	0	0
57	PLATE 5 B	PY	-0.000911	-0.000911	0	0
58	PLATE 4 B	PY	-0.000911	-0.000911	0	0
59	PLATE 3 B	PY	-0.000911	-0.000911	0	0
60	PLATE 2 B	PY	-0.000911	-0.000911	0	0
61	PLATE 1 B	PY	-0.000911	-0.000911	0	0
62	MP BETA4	PY	-0.002	-0.002	0	0
63	MP BETA3	PY	-0.002	-0.002	0	0
64	MP BETA2	PY	-0.002	-0.002	0	0
65	MP BETA5	PY	-0.002	-0.002	0	0
66	KICKER4 B	PY	-0.000794	-0.000794	0	0
67	KICKER3 B	PY	-0.000794	-0.000794	0	0
68	KICKER2 B	PY	-0.000794	-0.000794	0	0
69	KICKER1 B	PY	-0.000794	-0.000794	0	0
70	FACE2 B	PY	-0.002	-0.002	0	0
71	FACE1 B	PY	-0.002	-0.002	0	0
72	FACE PL4 B	PY	-0.000883	-0.000883	0	0
73	FACE PL3 B	PY	-0.000883	-0.000883	0	0
74	FACE PL2 B	PY	-0.000883	-0.000883	0	0
75	FACE PL1 B	PY	-0.000883	-0.000883	0	0
76	DIAG2 B	PY	-0.000581	-0.000581	0	0
77	DIAG1 B	PY	-0.000581	-0.000581	0	0
78	BACK2 B	PY	-0.000911	-0.000911	0	0
79	BACK1 B	PY	-0.000911	-0.000911	0	0
80	BACK PIPE1 B	PY	-0.001	-0.001	0	0
81	MBFACE	PY	-0.002	-0.002	0	0
82	MBSTAB1	PY	-0.001	-0.001	0	0
83	MBSTAB2	PY	-0.001	-0.001	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
84	MBSTAB3	PY	-0.001	-0.001	0	0
85	MBSTAB4	PY	-0.001	-0.001	0	0
86	MBTIEBACK	PY	-0.000804	-0.000804	0	0
87	VERT4 C	PY	-0.001	-0.001	0	0
88	VERT3 C	PY	-0.001	-0.001	0	0
89	VERT2 C	PY	-0.001	-0.001	0	0
90	VERT1 C	PY	-0.001	-0.001	0	0
91	TIEBACK2 C	PY	-0.000804	-0.000804	0	0
92	TIEBACK1 C	PY	-0.000804	-0.000804	0	0
93	PLATE12 C	PY	-0.000911	-0.000911	0	0
94	PLATE 11 C	PY	-0.000911	-0.000911	0	0
95	PLATE 10 C	PY	-0.000911	-0.000911	0	0
96	PLATE 9 C	PY	-0.000911	-0.000911	0	0
97	PLATE 8 C	PY	-0.000911	-0.000911	0	0
98	PLATE 7 C	PY	-0.000911	-0.000911	0	0
99	PLATE 6 C	PY	-0.000911	-0.000911	0	0
100	PLATE 5 C	PY	-0.000911	-0.000911	0	0
101	PLATE 4 C	PY	-0.000911	-0.000911	0	0
102	PLATE 3 C	PY	-0.000911	-0.000911	0	0
103	PLATE 2 C	PY	-0.000911	-0.000911	0	0
104	PLATE 1 C	PY	-0.000911	-0.000911	0	0
105	MP GAMMA4	PY	-0.002	-0.002	0	0
106	MP GAMMA3	PY	-0.002	-0.002	0	0
107	MP GAMMA2	PY	-0.002	-0.002	0	0
108	MP GAMMA5	PY	-0.002	-0.002	0	0
109	KICKER4 C	PY	-0.000794	-0.000794	0	0
110	KICKER3 C	PY	-0.000794	-0.000794	0	0
111	KICKER2 C	PY	-0.000794	-0.000794	0	0
112	KICKER1 C	PY	-0.000794	-0.000794	0	0
113	FACE2 C	PY	-0.002	-0.002	0	0
114	FACE1 C	PY	-0.002	-0.002	0	0
115	FACE PL4 C	PY	-0.000883	-0.000883	0	0
116	FACE PL3 C	PY	-0.000883	-0.000883	0	0
117	FACE PL2 C	PY	-0.000883	-0.000883	0	0
118	FACE PL1 C	PY	-0.000883	-0.000883	0	0
119	DIAG2 C	PY	-0.000581	-0.000581	0	0
120	DIAG1 C	PY	-0.000581	-0.000581	0	0
121	BACK2 C	PY	-0.000911	-0.000911	0	0
122	BACK1 C	PY	-0.000911	-0.000911	0	0
123	BACK PIPE1 C	PY	-0.001	-0.001	0	0
124	MCFACE	PY	-0.002	-0.002	0	0
125	MCSTAB1	PY	-0.001	-0.001	0	0
126	MCSTAB2	PY	-0.001	-0.001	0	0
127	MCSTAB3	PY	-0.001	-0.001	0	0
128	MCSTAB4	PY	-0.001	-0.001	0	0
129	MCTIEBACK	PY	-0.000804	-0.000804	0	0
130	VERT4 B	PX	.002	.002	0	0
131	VERT3 B	PX	.002	.002	0	0
132	VERT2 B	PX	.002	.002	0	0
133	VERT1 B	PX	.002	.002	0	0
134	TIEBACK2 B	PX	.001	.001	0	0
135	TIEBACK1 B	PX	.001	.001	0	0
136	PLATE12 B	PX	.002	.002	0	0
137	PLATE 11 B	PX	.002	.002	0	0
138	PLATE 10 B	PX	.002	.002	0	0
139	PLATE 9 B	PX	.002	.002	0	0
140	PLATE 8 B	PX	.002	.002	0	0



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

Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
141	PLATE 7 B	PX	.002	.002	0 0
142	PLATE 6 B	PX	.002	.002	0 0
143	PLATE 5 B	PX	.002	.002	0 0
144	PLATE 4 B	PX	.002	.002	0 0
145	PLATE 3 B	PX	.002	.002	0 0
146	PLATE 2 B	PX	.002	.002	0 0
147	PLATE 1 B	PX	.002	.002	0 0
148	MP BETA4	PX	.004	.004	0 0
149	MP BETA3	PX	.004	.004	0 0
150	MP BETA2	PX	.004	.004	0 0
151	MP BETA5	PX	.004	.004	0 0
152	KICKER4 B	PX	.001	.001	0 0
153	KICKER3 B	PX	.001	.001	0 0
154	KICKER2 B	PX	.001	.001	0 0
155	KICKER1 B	PX	.001	.001	0 0
156	FACE2 B	PX	.003	.003	0 0
157	FACE1 B	PX	.003	.003	0 0
158	FACE PL4 B	PX	.002	.002	0 0
159	FACE PL3 B	PX	.002	.002	0 0
160	FACE PL2 B	PX	.002	.002	0 0
161	FACE PL1 B	PX	.002	.002	0 0
162	DIAG2 B	PX	.001	.001	0 0
163	DIAG1 B	PX	.001	.001	0 0
164	BACK2 B	PX	.002	.002	0 0
165	BACK1 B	PX	.002	.002	0 0
166	BACK PIPE1 B	PX	.002	.002	0 0
167	MBFACE	PX	.003	.003	0 0
168	MBSTAB1	PX	.002	.002	0 0
169	MBSTAB2	PX	.002	.002	0 0
170	MBSTAB3	PX	.002	.002	0 0
171	MBSTAB4	PX	.002	.002	0 0
172	MBTIEBACK	PX	.001	.001	0 0
173	VERT4 C	PX	-.002	-.002	0 0
174	VERT3 C	PX	-.002	-.002	0 0
175	VERT2 C	PX	-.002	-.002	0 0
176	VERT1 C	PX	-.002	-.002	0 0
177	TIEBACK2 C	PX	-.001	-.001	0 0
178	TIEBACK1 C	PX	-.001	-.001	0 0
179	PLATE12 C	PX	-.002	-.002	0 0
180	PLATE 11 C	PX	-.002	-.002	0 0
181	PLATE 10 C	PX	-.002	-.002	0 0
182	PLATE 9 C	PX	-.002	-.002	0 0
183	PLATE 8 C	PX	-.002	-.002	0 0
184	PLATE 7 C	PX	-.002	-.002	0 0
185	PLATE 6 C	PX	-.002	-.002	0 0
186	PLATE 5 C	PX	-.002	-.002	0 0
187	PLATE 4 C	PX	-.002	-.002	0 0
188	PLATE 3 C	PX	-.002	-.002	0 0
189	PLATE 2 C	PX	-.002	-.002	0 0
190	PLATE 1 C	PX	-.002	-.002	0 0
191	MP GAMMA4	PX	-.004	-.004	0 0
192	MP GAMMA3	PX	-.004	-.004	0 0
193	MP GAMMA2	PX	-.004	-.004	0 0
194	MP GAMMA5	PX	-.004	-.004	0 0
195	KICKER4 C	PX	-.001	-.001	0 0
196	KICKER3 C	PX	-.001	-.001	0 0
197	KICKER2 C	PX	-.001	-.001	0 0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft.%]	End Location[ft.%]
198	KICKER1 C	PX	-0.01	-0.01	0	0
199	FACE2 C	PX	-0.003	-0.003	0	0
200	FACE1 C	PX	-0.003	-0.003	0	0
201	FACE PL4 C	PX	-0.002	-0.002	0	0
202	FACE PL3 C	PX	-0.002	-0.002	0	0
203	FACE PL2 C	PX	-0.002	-0.002	0	0
204	FACE PL1 C	PX	-0.002	-0.002	0	0
205	DIAG2 C	PX	-0.001	-0.001	0	0
206	DIAG1 C	PX	-0.001	-0.001	0	0
207	BACK2 C	PX	-0.002	-0.002	0	0
208	BACK1 C	PX	-0.002	-0.002	0	0
209	BACK PIPE1 C	PX	-0.002	-0.002	0	0
210	MCFACE	PX	-0.003	-0.003	0	0
211	MCSTAB1	PX	-0.002	-0.002	0	0
212	MCSTAB2	PX	-0.002	-0.002	0	0
213	MCSTAB3	PX	-0.002	-0.002	0	0
214	MCSTAB4	PX	-0.002	-0.002	0	0
215	MCTIEBACK	PX	-0.001	-0.001	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft.%]	End Location[ft.%]
1	VERT4	PY	-0.002	-0.002	0	0
2	VERT3	PY	-0.002	-0.002	0	0
3	VERT2	PY	-0.002	-0.002	0	0
4	VERT1	PY	-0.002	-0.002	0	0
5	TIEBACK2	PY	-0.001	-0.001	0	0
6	TIEBACK1	PY	-0.001	-0.001	0	0
7	PLATE12	PY	-0.002	-0.002	0	0
8	PLATE 11	PY	-0.002	-0.002	0	0
9	PLATE 10	PY	-0.002	-0.002	0	0
10	PLATE 9	PY	-0.002	-0.002	0	0
11	PLATE 8	PY	-0.002	-0.002	0	0
12	PLATE 7	PY	-0.002	-0.002	0	0
13	PLATE 6	PY	-0.002	-0.002	0	0
14	PLATE 5	PY	-0.002	-0.002	0	0
15	PLATE 4	PY	-0.002	-0.002	0	0
16	PLATE 3	PY	-0.002	-0.002	0	0
17	PLATE 2	PY	-0.002	-0.002	0	0
18	PLATE 1	PY	-0.002	-0.002	0	0
19	MP ALPHA4	PY	-0.004	-0.004	0	0
20	MP ALPHA3	PY	-0.004	-0.004	0	0
21	MP ALPHA2	PY	-0.004	-0.004	0	0
22	MP ALPHA5	PY	-0.004	-0.004	0	0
23	KICKER4	PY	-0.001	-0.001	0	0
24	KICKER3	PY	-0.001	-0.001	0	0
25	KICKER2	PY	-0.001	-0.001	0	0
26	KICKER1	PY	-0.001	-0.001	0	0
27	FACE2	PY	-0.003	-0.003	0	0
28	FACE1	PY	-0.003	-0.003	0	0
29	FACE PL4	PY	-0.002	-0.002	0	0
30	FACE PL3	PY	-0.002	-0.002	0	0
31	FACE PL2	PY	-0.002	-0.002	0	0
32	FACE PL1	PY	-0.002	-0.002	0	0
33	DIAG2	PY	-0.001	-0.001	0	0
34	DIAG1	PY	-0.001	-0.001	0	0
35	BACK2	PY	-0.002	-0.002	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
36	BACK1	PY	-0.02	-0.02	0	0
37	BACK PIPE1	PY	-0.02	-0.02	0	0
38	MAFACE	PY	-0.03	-0.03	0	0
39	MASTAB1	PY	-0.02	-0.02	0	0
40	MASTAB2	PY	-0.02	-0.02	0	0
41	MASTAB3	PY	-0.02	-0.02	0	0
42	MASTAB4	PY	-0.02	-0.02	0	0
43	MATIEBACK	PY	-0.01	-0.01	0	0
44	VERT4 B	PX	-0.02	-0.02	0	0
45	VERT3 B	PX	-0.02	-0.02	0	0
46	VERT2 B	PX	-0.02	-0.02	0	0
47	VERT1 B	PX	-0.02	-0.02	0	0
48	TIEBACK2 B	PX	-0.06	-0.06	0	0
49	TIEBACK1 B	PX	-0.06	-0.06	0	0
50	PLATE12 B	PX	-0.04	-0.04	0	0
51	PLATE 11 B	PX	-0.04	-0.04	0	0
52	PLATE 10 B	PX	-0.04	-0.04	0	0
53	PLATE 9 B	PX	-0.04	-0.04	0	0
54	PLATE 8 B	PX	-0.04	-0.04	0	0
55	PLATE 7 B	PX	-0.04	-0.04	0	0
56	PLATE 6 B	PX	-0.04	-0.04	0	0
57	PLATE 5 B	PX	-0.04	-0.04	0	0
58	PLATE 4 B	PX	-0.04	-0.04	0	0
59	PLATE 3 B	PX	-0.04	-0.04	0	0
60	PLATE 2 B	PX	-0.04	-0.04	0	0
61	PLATE 1 B	PX	-0.04	-0.04	0	0
62	MP BETA4	PX	-0.04	-0.04	0	0
63	MP BETA3	PX	-0.04	-0.04	0	0
64	MP BETA2	PX	-0.04	-0.04	0	0
65	MP BETA5	PX	-0.04	-0.04	0	0
66	KICKER4 B	PX	-0.06	-0.06	0	0
67	KICKER3 B	PX	-0.06	-0.06	0	0
68	KICKER2 B	PX	-0.06	-0.06	0	0
69	KICKER1 B	PX	-0.06	-0.06	0	0
70	FACE2 B	PX	-0.03	-0.03	0	0
71	FACE1 B	PX	-0.03	-0.03	0	0
72	FACE PL4 B	PX	-0.03	-0.03	0	0
73	FACE PL3 B	PX	-0.03	-0.03	0	0
74	FACE PL2 B	PX	-0.03	-0.03	0	0
75	FACE PL1 B	PX	-0.03	-0.03	0	0
76	DIAG2 B	PX	-0.04	-0.04	0	0
77	DIAG1 B	PX	-0.04	-0.04	0	0
78	BACK2 B	PX	-0.04	-0.04	0	0
79	BACK1 B	PX	-0.04	-0.04	0	0
80	BACK PIPE1 B	PX	-0.04	-0.04	0	0
81	MBFACE	PX	-0.04	-0.04	0	0
82	MBSTAB1	PX	-0.05	-0.05	0	0
83	MBSTAB2	PX	-0.05	-0.05	0	0
84	MBSTAB3	PX	-0.05	-0.05	0	0
85	MBSTAB4	PX	-0.05	-0.05	0	0
86	MBTIEBACK	PX	-0.06	-0.06	0	0
87	VERT4 C	PY	-0.02	-0.02	0	0
88	VERT3 C	PY	-0.02	-0.02	0	0
89	VERT2 C	PY	-0.02	-0.02	0	0
90	VERT1 C	PY	-0.02	-0.02	0	0
91	TIEBACK2 C	PY	-0.01	-0.01	0	0
92	TIEBACK1 C	PY	-0.01	-0.01	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]	
93	PLATE12 C	PY	-0.02	-0.02	0	0
94	PLATE 11 C	PY	-0.02	-0.02	0	0
95	PLATE 10 C	PY	-0.02	-0.02	0	0
96	PLATE 9 C	PY	-0.02	-0.02	0	0
97	PLATE 8 C	PY	-0.02	-0.02	0	0
98	PLATE 7 C	PY	-0.02	-0.02	0	0
99	PLATE 6 C	PY	-0.02	-0.02	0	0
100	PLATE 5 C	PY	-0.02	-0.02	0	0
101	PLATE 4 C	PY	-0.02	-0.02	0	0
102	PLATE 3 C	PY	-0.02	-0.02	0	0
103	PLATE 2 C	PY	-0.02	-0.02	0	0
104	PLATE 1 C	PY	-0.02	-0.02	0	0
105	MP GAMMA4	PY	-0.04	-0.04	0	0
106	MP GAMMA3	PY	-0.04	-0.04	0	0
107	MP GAMMA2	PY	-0.04	-0.04	0	0
108	MP GAMMA5	PY	-0.04	-0.04	0	0
109	KICKER4 C	PY	-0.01	-0.01	0	0
110	KICKER3 C	PY	-0.01	-0.01	0	0
111	KICKER2 C	PY	-0.01	-0.01	0	0
112	KICKER1 C	PY	-0.01	-0.01	0	0
113	FACE2 C	PY	-0.03	-0.03	0	0
114	FACE1 C	PY	-0.03	-0.03	0	0
115	FACE PL4 C	PY	-0.02	-0.02	0	0
116	FACE PL3 C	PY	-0.02	-0.02	0	0
117	FACE PL2 C	PY	-0.02	-0.02	0	0
118	FACE PL1 C	PY	-0.02	-0.02	0	0
119	DIAG2 C	PY	-0.01	-0.01	0	0
120	DIAG1 C	PY	-0.01	-0.01	0	0
121	BACK2 C	PY	-0.02	-0.02	0	0
122	BACK1 C	PY	-0.02	-0.02	0	0
123	BACK PIPE1 C	PY	-0.02	-0.02	0	0
124	MCFACE	PY	-0.03	-0.03	0	0
125	MCSTAB1	PY	-0.02	-0.02	0	0
126	MCSTAB2	PY	-0.02	-0.02	0	0
127	MCSTAB3	PY	-0.02	-0.02	0	0
128	MCSTAB4	PY	-0.02	-0.02	0	0
129	MCTIEBACK	PY	-0.01	-0.01	0	0
130	VERT4	PX	-0.01	-0.01	0	0
131	VERT3	PX	-0.01	-0.01	0	0
132	VERT2	PX	-0.01	-0.01	0	0
133	VERT1	PX	-0.01	-0.01	0	0
134	TIEBACK2	PX	-0.00804	-0.00804	0	0
135	TIEBACK1	PX	-0.00804	-0.00804	0	0
136	PLATE12	PX	-0.00911	-0.00911	0	0
137	PLATE 11	PX	-0.00911	-0.00911	0	0
138	PLATE 10	PX	-0.00911	-0.00911	0	0
139	PLATE 9	PX	-0.00911	-0.00911	0	0
140	PLATE 8	PX	-0.00911	-0.00911	0	0
141	PLATE 7	PX	-0.00911	-0.00911	0	0
142	PLATE 6	PX	-0.00911	-0.00911	0	0
143	PLATE 5	PX	-0.00911	-0.00911	0	0
144	PLATE 4	PX	-0.00911	-0.00911	0	0
145	PLATE 3	PX	-0.00911	-0.00911	0	0
146	PLATE 2	PX	-0.00911	-0.00911	0	0
147	PLATE 1	PX	-0.00911	-0.00911	0	0
148	MP ALPHA4	PX	-0.02	-0.02	0	0
149	MP ALPHA3	PX	-0.02	-0.02	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
150	MP ALPHA2	PX	-0.002	-0.002	0	0
151	MP ALPHA5	PX	-0.002	-0.002	0	0
152	KICKER4	PX	-0.000794	-0.000794	0	0
153	KICKER3	PX	-0.000794	-0.000794	0	0
154	KICKER2	PX	-0.000794	-0.000794	0	0
155	KICKER1	PX	-0.000794	-0.000794	0	0
156	FACE2	PX	-0.002	-0.002	0	0
157	FACE1	PX	-0.002	-0.002	0	0
158	FACE PL4	PX	-0.000883	-0.000883	0	0
159	FACE PL3	PX	-0.000883	-0.000883	0	0
160	FACE PL2	PX	-0.000883	-0.000883	0	0
161	FACE PL1	PX	-0.000883	-0.000883	0	0
162	DIAG2	PX	-0.000581	-0.000581	0	0
163	DIAG1	PX	-0.000581	-0.000581	0	0
164	BACK2	PX	-0.000911	-0.000911	0	0
165	BACK1	PX	-0.000911	-0.000911	0	0
166	BACK PIPE1	PX	-0.001	-0.001	0	0
167	MAFACE	PX	-0.002	-0.002	0	0
168	MASTAB1	PX	-0.001	-0.001	0	0
169	MASTAB2	PX	-0.001	-0.001	0	0
170	MASTAB3	PX	-0.001	-0.001	0	0
171	MASTAB4	PX	-0.001	-0.001	0	0
172	MATIEBACK	PX	-0.000804	-0.000804	0	0
173	VERT4 C	PX	-0.001	-0.001	0	0
174	VERT3 C	PX	-0.001	-0.001	0	0
175	VERT2 C	PX	-0.001	-0.001	0	0
176	VERT1 C	PX	-0.001	-0.001	0	0
177	TIEBACK2 C	PX	-0.000804	-0.000804	0	0
178	TIEBACK1 C	PX	-0.000804	-0.000804	0	0
179	PLATE12 C	PX	-0.000911	-0.000911	0	0
180	PLATE 11 C	PX	-0.000911	-0.000911	0	0
181	PLATE 10 C	PX	-0.000911	-0.000911	0	0
182	PLATE 9 C	PX	-0.000911	-0.000911	0	0
183	PLATE 8 C	PX	-0.000911	-0.000911	0	0
184	PLATE 7 C	PX	-0.000911	-0.000911	0	0
185	PLATE 6 C	PX	-0.000911	-0.000911	0	0
186	PLATE 5 C	PX	-0.000911	-0.000911	0	0
187	PLATE 4 C	PX	-0.000911	-0.000911	0	0
188	PLATE 3 C	PX	-0.000911	-0.000911	0	0
189	PLATE 2 C	PX	-0.000911	-0.000911	0	0
190	PLATE 1 C	PX	-0.000911	-0.000911	0	0
191	MP GAMMA4	PX	-0.002	-0.002	0	0
192	MP GAMMA3	PX	-0.002	-0.002	0	0
193	MP GAMMA2	PX	-0.002	-0.002	0	0
194	MP GAMMA5	PX	-0.002	-0.002	0	0
195	KICKER4 C	PX	-0.000794	-0.000794	0	0
196	KICKER3 C	PX	-0.000794	-0.000794	0	0
197	KICKER2 C	PX	-0.000794	-0.000794	0	0
198	KICKER1 C	PX	-0.000794	-0.000794	0	0
199	FACE2 C	PX	-0.002	-0.002	0	0
200	FACE1 C	PX	-0.002	-0.002	0	0
201	FACE PL4 C	PX	-0.000883	-0.000883	0	0
202	FACE PL3 C	PX	-0.000883	-0.000883	0	0
203	FACE PL2 C	PX	-0.000883	-0.000883	0	0
204	FACE PL1 C	PX	-0.000883	-0.000883	0	0
205	DIAG2 C	PX	-0.000581	-0.000581	0	0
206	DIAG1 C	PX	-0.000581	-0.000581	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft.%]	End Location[ft.%]
207	BACK2 C	PX	-0.000911	-0.000911	0	0
208	BACK1 C	PX	-0.000911	-0.000911	0	0
209	BACK PIPE1 C	PX	-0.001	-0.001	0	0
210	MCFACE	PX	-0.002	-0.002	0	0
211	MCSTAB1	PX	-0.001	-0.001	0	0
212	MCSTAB2	PX	-0.001	-0.001	0	0
213	MCSTAB3	PX	-0.001	-0.001	0	0
214	MCSTAB4	PX	-0.001	-0.001	0	0
215	MCTIEBACK	PX	-0.000804	-0.000804	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft.%]	End Location[ft.%]
1	VERT4	PY	-0.001	-0.001	0	0
2	VERT3	PY	-0.001	-0.001	0	0
3	VERT2	PY	-0.001	-0.001	0	0
4	VERT1	PY	-0.001	-0.001	0	0
5	TIEBACK2	PY	-0.000804	-0.000804	0	0
6	TIEBACK1	PY	-0.000804	-0.000804	0	0
7	PLATE12	PY	-0.000911	-0.000911	0	0
8	PLATE 11	PY	-0.000911	-0.000911	0	0
9	PLATE 10	PY	-0.000911	-0.000911	0	0
10	PLATE 9	PY	-0.000911	-0.000911	0	0
11	PLATE 8	PY	-0.000911	-0.000911	0	0
12	PLATE 7	PY	-0.000911	-0.000911	0	0
13	PLATE 6	PY	-0.000911	-0.000911	0	0
14	PLATE 5	PY	-0.000911	-0.000911	0	0
15	PLATE 4	PY	-0.000911	-0.000911	0	0
16	PLATE 3	PY	-0.000911	-0.000911	0	0
17	PLATE 2	PY	-0.000911	-0.000911	0	0
18	PLATE 1	PY	-0.000911	-0.000911	0	0
19	MP ALPHA4	PY	-0.002	-0.002	0	0
20	MP ALPHA3	PY	-0.002	-0.002	0	0
21	MP ALPHA2	PY	-0.002	-0.002	0	0
22	MP ALPHA5	PY	-0.002	-0.002	0	0
23	KICKER4	PY	-0.000794	-0.000794	0	0
24	KICKER3	PY	-0.000794	-0.000794	0	0
25	KICKER2	PY	-0.000794	-0.000794	0	0
26	KICKER1	PY	-0.000794	-0.000794	0	0
27	FACE2	PY	-0.002	-0.002	0	0
28	FACE1	PY	-0.002	-0.002	0	0
29	FACE PL4	PY	-0.000883	-0.000883	0	0
30	FACE PL3	PY	-0.000883	-0.000883	0	0
31	FACE PL2	PY	-0.000883	-0.000883	0	0
32	FACE PL1	PY	-0.000883	-0.000883	0	0
33	DIAG2	PY	-0.000581	-0.000581	0	0
34	DIAG1	PY	-0.000581	-0.000581	0	0
35	BACK2	PY	-0.000911	-0.000911	0	0
36	BACK1	PY	-0.000911	-0.000911	0	0
37	BACK PIPE1	PY	-0.001	-0.001	0	0
38	MAFACE	PY	-0.002	-0.002	0	0
39	MASTAB1	PY	-0.001	-0.001	0	0
40	MASTAB2	PY	-0.001	-0.001	0	0
41	MASTAB3	PY	-0.001	-0.001	0	0
42	MASTAB4	PY	-0.001	-0.001	0	0
43	MATIEBACK	PY	-0.000804	-0.000804	0	0
44	VERT4 B	PY	-0.001	-0.001	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
45	VERT3 B	PY	-0.001	-0.001	0	0
46	VERT2 B	PY	-0.001	-0.001	0	0
47	VERT1 B	PY	-0.001	-0.001	0	0
48	TIEBACK2 B	PY	-0.000804	-0.000804	0	0
49	TIEBACK1 B	PY	-0.000804	-0.000804	0	0
50	PLATE12 B	PY	-0.000911	-0.000911	0	0
51	PLATE 11 B	PY	-0.000911	-0.000911	0	0
52	PLATE 10 B	PY	-0.000911	-0.000911	0	0
53	PLATE 9 B	PY	-0.000911	-0.000911	0	0
54	PLATE 8 B	PY	-0.000911	-0.000911	0	0
55	PLATE 7 B	PY	-0.000911	-0.000911	0	0
56	PLATE 6 B	PY	-0.000911	-0.000911	0	0
57	PLATE 5 B	PY	-0.000911	-0.000911	0	0
58	PLATE 4 B	PY	-0.000911	-0.000911	0	0
59	PLATE 3 B	PY	-0.000911	-0.000911	0	0
60	PLATE 2 B	PY	-0.000911	-0.000911	0	0
61	PLATE 1 B	PY	-0.000911	-0.000911	0	0
62	MP BETA4	PY	-0.002	-0.002	0	0
63	MP BETA3	PY	-0.002	-0.002	0	0
64	MP BETA2	PY	-0.002	-0.002	0	0
65	MP BETA5	PY	-0.002	-0.002	0	0
66	KICKER4 B	PY	-0.000794	-0.000794	0	0
67	KICKER3 B	PY	-0.000794	-0.000794	0	0
68	KICKER2 B	PY	-0.000794	-0.000794	0	0
69	KICKER1 B	PY	-0.000794	-0.000794	0	0
70	FACE2 B	PY	-0.002	-0.002	0	0
71	FACE1 B	PY	-0.002	-0.002	0	0
72	FACE PL4 B	PY	-0.000883	-0.000883	0	0
73	FACE PL3 B	PY	-0.000883	-0.000883	0	0
74	FACE PL2 B	PY	-0.000883	-0.000883	0	0
75	FACE PL1 B	PY	-0.000883	-0.000883	0	0
76	DIAG2 B	PY	-0.000581	-0.000581	0	0
77	DIAG1 B	PY	-0.000581	-0.000581	0	0
78	BACK2 B	PY	-0.000911	-0.000911	0	0
79	BACK1 B	PY	-0.000911	-0.000911	0	0
80	BACK PIPE1 B	PY	-0.001	-0.001	0	0
81	MBFACE	PY	-0.002	-0.002	0	0
82	MBSTAB1	PY	-0.001	-0.001	0	0
83	MBSTAB2	PY	-0.001	-0.001	0	0
84	MBSTAB3	PY	-0.001	-0.001	0	0
85	MBSTAB4	PY	-0.001	-0.001	0	0
86	MBTIEBACK	PY	-0.000804	-0.000804	0	0
87	VERT4 C	PY	-0.002	-0.002	0	0
88	VERT3 C	PY	-0.002	-0.002	0	0
89	VERT2 C	PY	-0.002	-0.002	0	0
90	VERT1 C	PY	-0.002	-0.002	0	0
91	TIEBACK2 C	PY	-0.002	-0.002	0	0
92	TIEBACK1 C	PY	-0.002	-0.002	0	0
93	PLATE12 C	PY	-0.002	-0.002	0	0
94	PLATE 11 C	PY	-0.002	-0.002	0	0
95	PLATE 10 C	PY	-0.002	-0.002	0	0
96	PLATE 9 C	PY	-0.002	-0.002	0	0
97	PLATE 8 C	PY	-0.002	-0.002	0	0
98	PLATE 7 C	PY	-0.002	-0.002	0	0
99	PLATE 6 C	PY	-0.002	-0.002	0	0
100	PLATE 5 C	PY	-0.002	-0.002	0	0
101	PLATE 4 C	PY	-0.002	-0.002	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
102	PLATE 3 C	PY	-0.02	-0.02	0	0
103	PLATE 2 C	PY	-0.02	-0.02	0	0
104	PLATE 1 C	PY	-0.02	-0.02	0	0
105	MP GAMMA4	PY	-0.04	-0.04	0	0
106	MP GAMMA3	PY	-0.04	-0.04	0	0
107	MP GAMMA2	PY	-0.04	-0.04	0	0
108	MP GAMMA5	PY	-0.04	-0.04	0	0
109	KICKER4 C	PY	-0.02	-0.02	0	0
110	KICKER3 C	PY	-0.02	-0.02	0	0
111	KICKER2 C	PY	-0.02	-0.02	0	0
112	KICKER1 C	PY	-0.02	-0.02	0	0
113	FACE2 C	PY	-0.03	-0.03	0	0
114	FACE1 C	PY	-0.03	-0.03	0	0
115	FACE PL4 C	PY	-0.02	-0.02	0	0
116	FACE PL3 C	PY	-0.02	-0.02	0	0
117	FACE PL2 C	PY	-0.02	-0.02	0	0
118	FACE PL1 C	PY	-0.02	-0.02	0	0
119	DIAG2 C	PY	-0.01	-0.01	0	0
120	DIAG1 C	PY	-0.01	-0.01	0	0
121	BACK2 C	PY	-0.02	-0.02	0	0
122	BACK1 C	PY	-0.02	-0.02	0	0
123	BACK PIPE1 C	PY	-0.02	-0.02	0	0
124	MCFACE	PY	-0.04	-0.04	0	0
125	MCSTAB1	PY	-0.03	-0.03	0	0
126	MCSTAB2	PY	-0.03	-0.03	0	0
127	MCSTAB3	PY	-0.03	-0.03	0	0
128	MCSTAB4	PY	-0.03	-0.03	0	0
129	MCTIEBACK	PY	-0.02	-0.02	0	0
130	VERT4	PX	-0.02	-0.02	0	0
131	VERT3	PX	-0.02	-0.02	0	0
132	VERT2	PX	-0.02	-0.02	0	0
133	VERT1	PX	-0.02	-0.02	0	0
134	TIEBACK2	PX	-0.01	-0.01	0	0
135	TIEBACK1	PX	-0.01	-0.01	0	0
136	PLATE12	PX	-0.02	-0.02	0	0
137	PLATE 11	PX	-0.02	-0.02	0	0
138	PLATE 10	PX	-0.02	-0.02	0	0
139	PLATE 9	PX	-0.02	-0.02	0	0
140	PLATE 8	PX	-0.02	-0.02	0	0
141	PLATE 7	PX	-0.02	-0.02	0	0
142	PLATE 6	PX	-0.02	-0.02	0	0
143	PLATE 5	PX	-0.02	-0.02	0	0
144	PLATE 4	PX	-0.02	-0.02	0	0
145	PLATE 3	PX	-0.02	-0.02	0	0
146	PLATE 2	PX	-0.02	-0.02	0	0
147	PLATE 1	PX	-0.02	-0.02	0	0
148	MP ALPHA4	PX	-0.04	-0.04	0	0
149	MP ALPHA3	PX	-0.04	-0.04	0	0
150	MP ALPHA2	PX	-0.04	-0.04	0	0
151	MP ALPHA5	PX	-0.04	-0.04	0	0
152	KICKER4	PX	-0.01	-0.01	0	0
153	KICKER3	PX	-0.01	-0.01	0	0
154	KICKER2	PX	-0.01	-0.01	0	0
155	KICKER1	PX	-0.01	-0.01	0	0
156	FACE2	PX	-0.03	-0.03	0	0
157	FACE1	PX	-0.03	-0.03	0	0
158	FACE PL4	PX	-0.02	-0.02	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
159	FACE PL3	PX	-0.02	-0.02	0	0
160	FACE PL2	PX	-0.02	-0.02	0	0
161	FACE PL1	PX	-0.02	-0.02	0	0
162	DIAG2	PX	-0.01	-0.01	0	0
163	DIAG1	PX	-0.01	-0.01	0	0
164	BACK2	PX	-0.02	-0.02	0	0
165	BACK1	PX	-0.02	-0.02	0	0
166	BACK PIPE1	PX	-0.02	-0.02	0	0
167	MAFACE	PX	-0.03	-0.03	0	0
168	MASTAB1	PX	-0.02	-0.02	0	0
169	MASTAB2	PX	-0.02	-0.02	0	0
170	MASTAB3	PX	-0.02	-0.02	0	0
171	MASTAB4	PX	-0.02	-0.02	0	0
172	MATIEBACK	PX	-0.01	-0.01	0	0
173	VERT4 B	PX	-0.02	-0.02	0	0
174	VERT3 B	PX	-0.02	-0.02	0	0
175	VERT2 B	PX	-0.02	-0.02	0	0
176	VERT1 B	PX	-0.02	-0.02	0	0
177	TIEBACK2 B	PX	-0.01	-0.01	0	0
178	TIEBACK1 B	PX	-0.01	-0.01	0	0
179	PLATE12 B	PX	-0.02	-0.02	0	0
180	PLATE 11 B	PX	-0.02	-0.02	0	0
181	PLATE 10 B	PX	-0.02	-0.02	0	0
182	PLATE 9 B	PX	-0.02	-0.02	0	0
183	PLATE 8 B	PX	-0.02	-0.02	0	0
184	PLATE 7 B	PX	-0.02	-0.02	0	0
185	PLATE 6 B	PX	-0.02	-0.02	0	0
186	PLATE 5 B	PX	-0.02	-0.02	0	0
187	PLATE 4 B	PX	-0.02	-0.02	0	0
188	PLATE 3 B	PX	-0.02	-0.02	0	0
189	PLATE 2 B	PX	-0.02	-0.02	0	0
190	PLATE 1 B	PX	-0.02	-0.02	0	0
191	MP BETA4	PX	-0.04	-0.04	0	0
192	MP BETA3	PX	-0.04	-0.04	0	0
193	MP BETA2	PX	-0.04	-0.04	0	0
194	MP BETA5	PX	-0.04	-0.04	0	0
195	KICKER4 B	PX	-0.01	-0.01	0	0
196	KICKER3 B	PX	-0.01	-0.01	0	0
197	KICKER2 B	PX	-0.01	-0.01	0	0
198	KICKER1 B	PX	-0.01	-0.01	0	0
199	FACE2 B	PX	-0.03	-0.03	0	0
200	FACE1 B	PX	-0.03	-0.03	0	0
201	FACE PL4 B	PX	-0.02	-0.02	0	0
202	FACE PL3 B	PX	-0.02	-0.02	0	0
203	FACE PL2 B	PX	-0.02	-0.02	0	0
204	FACE PL1 B	PX	-0.02	-0.02	0	0
205	DIAG2 B	PX	-0.01	-0.01	0	0
206	DIAG1 B	PX	-0.01	-0.01	0	0
207	BACK2 B	PX	-0.02	-0.02	0	0
208	BACK1 B	PX	-0.02	-0.02	0	0
209	BACK PIPE1 B	PX	-0.02	-0.02	0	0
210	MBFACE	PX	-0.03	-0.03	0	0
211	MBSTAB1	PX	-0.02	-0.02	0	0
212	MBSTAB2	PX	-0.02	-0.02	0	0
213	MBSTAB3	PX	-0.02	-0.02	0	0
214	MBSTAB4	PX	-0.02	-0.02	0	0
215	MBTIEBACK	PX	-0.01	-0.01	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
1	VERT4	PX	-0.02	-0.02	0	0
2	VERT3	PX	-0.02	-0.02	0	0
3	VERT2	PX	-0.02	-0.02	0	0
4	VERT1	PX	-0.02	-0.02	0	0
5	TIEBACK2	PX	-0.06	-0.06	0	0
6	TIEBACK1	PX	-0.06	-0.06	0	0
7	PLATE12	PX	-0.04	-0.04	0	0
8	PLATE 11	PX	-0.04	-0.04	0	0
9	PLATE 10	PX	-0.04	-0.04	0	0
10	PLATE 9	PX	-0.04	-0.04	0	0
11	PLATE 8	PX	-0.04	-0.04	0	0
12	PLATE 7	PX	-0.04	-0.04	0	0
13	PLATE 6	PX	-0.04	-0.04	0	0
14	PLATE 5	PX	-0.04	-0.04	0	0
15	PLATE 4	PX	-0.04	-0.04	0	0
16	PLATE 3	PX	-0.04	-0.04	0	0
17	PLATE 2	PX	-0.04	-0.04	0	0
18	PLATE 1	PX	-0.04	-0.04	0	0
19	MP ALPHA4	PX	-0.04	-0.04	0	0
20	MP ALPHA3	PX	-0.04	-0.04	0	0
21	MP ALPHA2	PX	-0.04	-0.04	0	0
22	MP ALPHA5	PX	-0.04	-0.04	0	0
23	KICKER4	PX	-0.06	-0.06	0	0
24	KICKER3	PX	-0.06	-0.06	0	0
25	KICKER2	PX	-0.06	-0.06	0	0
26	KICKER1	PX	-0.06	-0.06	0	0
27	FACE2	PX	-0.03	-0.03	0	0
28	FACE1	PX	-0.03	-0.03	0	0
29	FACE PL4	PX	-0.03	-0.03	0	0
30	FACE PL3	PX	-0.03	-0.03	0	0
31	FACE PL2	PX	-0.03	-0.03	0	0
32	FACE PL1	PX	-0.03	-0.03	0	0
33	DIAG2	PX	-0.04	-0.04	0	0
34	DIAG1	PX	-0.04	-0.04	0	0
35	BACK2	PX	-0.04	-0.04	0	0
36	BACK1	PX	-0.04	-0.04	0	0
37	BACK PIPE1	PX	-0.04	-0.04	0	0
38	MAFACE	PX	-0.04	-0.04	0	0
39	MASTAB1	PX	-0.05	-0.05	0	0
40	MASTAB2	PX	-0.05	-0.05	0	0
41	MASTAB3	PX	-0.05	-0.05	0	0
42	MASTAB4	PX	-0.05	-0.05	0	0
43	MATIEBACK	PX	-0.06	-0.06	0	0
44	VERT4 B	PY	.002	.002	0	0
45	VERT3 B	PY	.002	.002	0	0
46	VERT2 B	PY	.002	.002	0	0
47	VERT1 B	PY	.002	.002	0	0
48	TIEBACK2 B	PY	.001	.001	0	0
49	TIEBACK1 B	PY	.001	.001	0	0
50	PLATE12 B	PY	.002	.002	0	0
51	PLATE 11 B	PY	.002	.002	0	0
52	PLATE 10 B	PY	.002	.002	0	0
53	PLATE 9 B	PY	.002	.002	0	0
54	PLATE 8 B	PY	.002	.002	0	0
55	PLATE 7 B	PY	.002	.002	0	0
56	PLATE 6 B	PY	.002	.002	0	0
57	PLATE 5 B	PY	.002	.002	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
58	PLATE 4 B	PY	.002	.002	0	0
59	PLATE 3 B	PY	.002	.002	0	0
60	PLATE 2 B	PY	.002	.002	0	0
61	PLATE 1 B	PY	.002	.002	0	0
62	MP BETA4	PY	.004	.004	0	0
63	MP BETA3	PY	.004	.004	0	0
64	MP BETA2	PY	.004	.004	0	0
65	MP BETA5	PY	.004	.004	0	0
66	KICKER4 B	PY	.001	.001	0	0
67	KICKER3 B	PY	.001	.001	0	0
68	KICKER2 B	PY	.001	.001	0	0
69	KICKER1 B	PY	.001	.001	0	0
70	FACE2 B	PY	.003	.003	0	0
71	FACE1 B	PY	.003	.003	0	0
72	FACE PL4 B	PY	.002	.002	0	0
73	FACE PL3 B	PY	.002	.002	0	0
74	FACE PL2 B	PY	.002	.002	0	0
75	FACE PL1 B	PY	.002	.002	0	0
76	DIAG2 B	PY	.001	.001	0	0
77	DIAG1 B	PY	.001	.001	0	0
78	BACK2 B	PY	.002	.002	0	0
79	BACK1 B	PY	.002	.002	0	0
80	BACK PIPE1 B	PY	.002	.002	0	0
81	MBFACE	PY	.003	.003	0	0
82	MBSTAB1	PY	.002	.002	0	0
83	MBSTAB2	PY	.002	.002	0	0
84	MBSTAB3	PY	.002	.002	0	0
85	MBSTAB4	PY	.002	.002	0	0
86	MBTIEBACK	PY	.001	.001	0	0
87	VERT4 C	PY	-.002	-.002	0	0
88	VERT3 C	PY	-.002	-.002	0	0
89	VERT2 C	PY	-.002	-.002	0	0
90	VERT1 C	PY	-.002	-.002	0	0
91	TIEBACK2 C	PY	-.001	-.001	0	0
92	TIEBACK1 C	PY	-.001	-.001	0	0
93	PLATE12 C	PY	-.002	-.002	0	0
94	PLATE 11 C	PY	-.002	-.002	0	0
95	PLATE 10 C	PY	-.002	-.002	0	0
96	PLATE 9 C	PY	-.002	-.002	0	0
97	PLATE 8 C	PY	-.002	-.002	0	0
98	PLATE 7 C	PY	-.002	-.002	0	0
99	PLATE 6 C	PY	-.002	-.002	0	0
100	PLATE 5 C	PY	-.002	-.002	0	0
101	PLATE 4 C	PY	-.002	-.002	0	0
102	PLATE 3 C	PY	-.002	-.002	0	0
103	PLATE 2 C	PY	-.002	-.002	0	0
104	PLATE 1 C	PY	-.002	-.002	0	0
105	MP GAMMA4	PY	-.004	-.004	0	0
106	MP GAMMA3	PY	-.004	-.004	0	0
107	MP GAMMA2	PY	-.004	-.004	0	0
108	MP GAMMA5	PY	-.004	-.004	0	0
109	KICKER4 C	PY	-.001	-.001	0	0
110	KICKER3 C	PY	-.001	-.001	0	0
111	KICKER2 C	PY	-.001	-.001	0	0
112	KICKER1 C	PY	-.001	-.001	0	0
113	FACE2 C	PY	-.003	-.003	0	0
114	FACE1 C	PY	-.003	-.003	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
115	FACE PL4 C	PY	-0.02	-0.02	0	0
116	FACE PL3 C	PY	-0.02	-0.02	0	0
117	FACE PL2 C	PY	-0.02	-0.02	0	0
118	FACE PL1 C	PY	-0.02	-0.02	0	0
119	DIAG2 C	PY	-0.01	-0.01	0	0
120	DIAG1 C	PY	-0.01	-0.01	0	0
121	BACK2 C	PY	-0.02	-0.02	0	0
122	BACK1 C	PY	-0.02	-0.02	0	0
123	BACK PIPE1 C	PY	-0.02	-0.02	0	0
124	MCFACE	PY	-0.03	-0.03	0	0
125	MCSTAB1	PY	-0.02	-0.02	0	0
126	MCSTAB2	PY	-0.02	-0.02	0	0
127	MCSTAB3	PY	-0.02	-0.02	0	0
128	MCSTAB4	PY	-0.02	-0.02	0	0
129	MCTIEBACK	PY	-0.01	-0.01	0	0
130	VERT4 B	PX	-0.01	-0.01	0	0
131	VERT3 B	PX	-0.01	-0.01	0	0
132	VERT2 B	PX	-0.01	-0.01	0	0
133	VERT1 B	PX	-0.01	-0.01	0	0
134	TIEBACK2 B	PX	-0.00804	-0.00804	0	0
135	TIEBACK1 B	PX	-0.00804	-0.00804	0	0
136	PLATE12 B	PX	-0.00911	-0.00911	0	0
137	PLATE 11 B	PX	-0.00911	-0.00911	0	0
138	PLATE 10 B	PX	-0.00911	-0.00911	0	0
139	PLATE 9 B	PX	-0.00911	-0.00911	0	0
140	PLATE 8 B	PX	-0.00911	-0.00911	0	0
141	PLATE 7 B	PX	-0.00911	-0.00911	0	0
142	PLATE 6 B	PX	-0.00911	-0.00911	0	0
143	PLATE 5 B	PX	-0.00911	-0.00911	0	0
144	PLATE 4 B	PX	-0.00911	-0.00911	0	0
145	PLATE 3 B	PX	-0.00911	-0.00911	0	0
146	PLATE 2 B	PX	-0.00911	-0.00911	0	0
147	PLATE 1 B	PX	-0.00911	-0.00911	0	0
148	MP BETA4	PX	-0.02	-0.02	0	0
149	MP BETA3	PX	-0.02	-0.02	0	0
150	MP BETA2	PX	-0.02	-0.02	0	0
151	MP BETA5	PX	-0.02	-0.02	0	0
152	KICKER4 B	PX	-0.00794	-0.00794	0	0
153	KICKER3 B	PX	-0.00794	-0.00794	0	0
154	KICKER2 B	PX	-0.00794	-0.00794	0	0
155	KICKER1 B	PX	-0.00794	-0.00794	0	0
156	FACE2 B	PX	-0.02	-0.02	0	0
157	FACE1 B	PX	-0.02	-0.02	0	0
158	FACE PL4 B	PX	-0.00883	-0.00883	0	0
159	FACE PL3 B	PX	-0.00883	-0.00883	0	0
160	FACE PL2 B	PX	-0.00883	-0.00883	0	0
161	FACE PL1 B	PX	-0.00883	-0.00883	0	0
162	DIAG2 B	PX	-0.00581	-0.00581	0	0
163	DIAG1 B	PX	-0.00581	-0.00581	0	0
164	BACK2 B	PX	-0.00911	-0.00911	0	0
165	BACK1 B	PX	-0.00911	-0.00911	0	0
166	BACK PIPE1 B	PX	-0.01	-0.01	0	0
167	MBFACE	PX	-0.02	-0.02	0	0
168	MBSTAB1	PX	-0.01	-0.01	0	0
169	MBSTAB2	PX	-0.01	-0.01	0	0
170	MBSTAB3	PX	-0.01	-0.01	0	0
171	MBSTAB4	PX	-0.01	-0.01	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft.%]	End Location[ft.%]
172	MBTIEBACK	PX	-0.00804	-0.00804	0	0
173	VERT4 C	PX	-0.001	-0.001	0	0
174	VERT3 C	PX	-0.001	-0.001	0	0
175	VERT2 C	PX	-0.001	-0.001	0	0
176	VERT1 C	PX	-0.001	-0.001	0	0
177	TIEBACK2 C	PX	-0.00804	-0.00804	0	0
178	TIEBACK1 C	PX	-0.00804	-0.00804	0	0
179	PLATE12 C	PX	-0.00911	-0.00911	0	0
180	PLATE 11 C	PX	-0.00911	-0.00911	0	0
181	PLATE 10 C	PX	-0.00911	-0.00911	0	0
182	PLATE 9 C	PX	-0.00911	-0.00911	0	0
183	PLATE 8 C	PX	-0.00911	-0.00911	0	0
184	PLATE 7 C	PX	-0.00911	-0.00911	0	0
185	PLATE 6 C	PX	-0.00911	-0.00911	0	0
186	PLATE 5 C	PX	-0.00911	-0.00911	0	0
187	PLATE 4 C	PX	-0.00911	-0.00911	0	0
188	PLATE 3 C	PX	-0.00911	-0.00911	0	0
189	PLATE 2 C	PX	-0.00911	-0.00911	0	0
190	PLATE 1 C	PX	-0.00911	-0.00911	0	0
191	MP GAMMA4	PX	-0.002	-0.002	0	0
192	MP GAMMA3	PX	-0.002	-0.002	0	0
193	MP GAMMA2	PX	-0.002	-0.002	0	0
194	MP GAMMA5	PX	-0.002	-0.002	0	0
195	KICKER4 C	PX	-0.00794	-0.00794	0	0
196	KICKER3 C	PX	-0.00794	-0.00794	0	0
197	KICKER2 C	PX	-0.00794	-0.00794	0	0
198	KICKER1 C	PX	-0.00794	-0.00794	0	0
199	FACE2 C	PX	-0.002	-0.002	0	0
200	FACE1 C	PX	-0.002	-0.002	0	0
201	FACE PL4 C	PX	-0.00883	-0.00883	0	0
202	FACE PL3 C	PX	-0.00883	-0.00883	0	0
203	FACE PL2 C	PX	-0.00883	-0.00883	0	0
204	FACE PL1 C	PX	-0.00883	-0.00883	0	0
205	DIAG2 C	PX	-0.00581	-0.00581	0	0
206	DIAG1 C	PX	-0.00581	-0.00581	0	0
207	BACK2 C	PX	-0.00911	-0.00911	0	0
208	BACK1 C	PX	-0.00911	-0.00911	0	0
209	BACK PIPE1 C	PX	-0.001	-0.001	0	0
210	MCFACE	PX	-0.002	-0.002	0	0
211	MCSTAB1	PX	-0.001	-0.001	0	0
212	MCSTAB2	PX	-0.001	-0.001	0	0
213	MCSTAB3	PX	-0.001	-0.001	0	0
214	MCSTAB4	PX	-0.001	-0.001	0	0
215	MCTIEBACK	PX	-0.00804	-0.00804	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft.%]	End Location[ft.%]
1	VERT4	PY	.001	.001	0	0
2	VERT3	PY	.001	.001	0	0
3	VERT2	PY	.001	.001	0	0
4	VERT1	PY	.001	.001	0	0
5	TIEBACK2	PY	.000804	.000804	0	0
6	TIEBACK1	PY	.000804	.000804	0	0
7	PLATE12	PY	.000911	.000911	0	0
8	PLATE 11	PY	.000911	.000911	0	0
9	PLATE 10	PY	.000911	.000911	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
10	PLATE 9	PY	.000911	.000911	0	0
11	PLATE 8	PY	.000911	.000911	0	0
12	PLATE 7	PY	.000911	.000911	0	0
13	PLATE 6	PY	.000911	.000911	0	0
14	PLATE 5	PY	.000911	.000911	0	0
15	PLATE 4	PY	.000911	.000911	0	0
16	PLATE 3	PY	.000911	.000911	0	0
17	PLATE 2	PY	.000911	.000911	0	0
18	PLATE 1	PY	.000911	.000911	0	0
19	MP ALPHA4	PY	.002	.002	0	0
20	MP ALPHA3	PY	.002	.002	0	0
21	MP ALPHA2	PY	.002	.002	0	0
22	MP ALPHA5	PY	.002	.002	0	0
23	KICKER4	PY	.000794	.000794	0	0
24	KICKER3	PY	.000794	.000794	0	0
25	KICKER2	PY	.000794	.000794	0	0
26	KICKER1	PY	.000794	.000794	0	0
27	FACE2	PY	.002	.002	0	0
28	FACE1	PY	.002	.002	0	0
29	FACE PL4	PY	.000883	.000883	0	0
30	FACE PL3	PY	.000883	.000883	0	0
31	FACE PL2	PY	.000883	.000883	0	0
32	FACE PL1	PY	.000883	.000883	0	0
33	DIAG2	PY	.000581	.000581	0	0
34	DIAG1	PY	.000581	.000581	0	0
35	BACK2	PY	.000911	.000911	0	0
36	BACK1	PY	.000911	.000911	0	0
37	BACK PIPE1	PY	.001	.001	0	0
38	MAFACE	PY	.002	.002	0	0
39	MASTAB1	PY	.001	.001	0	0
40	MASTAB2	PY	.001	.001	0	0
41	MASTAB3	PY	.001	.001	0	0
42	MASTAB4	PY	.001	.001	0	0
43	MATIEBACK	PY	.000804	.000804	0	0
44	VERT4 B	PY	.002	.002	0	0
45	VERT3 B	PY	.002	.002	0	0
46	VERT2 B	PY	.002	.002	0	0
47	VERT1 B	PY	.002	.002	0	0
48	TIEBACK2 B	PY	.002	.002	0	0
49	TIEBACK1 B	PY	.002	.002	0	0
50	PLATE12 B	PY	.002	.002	0	0
51	PLATE 11 B	PY	.002	.002	0	0
52	PLATE 10 B	PY	.002	.002	0	0
53	PLATE 9 B	PY	.002	.002	0	0
54	PLATE 8 B	PY	.002	.002	0	0
55	PLATE 7 B	PY	.002	.002	0	0
56	PLATE 6 B	PY	.002	.002	0	0
57	PLATE 5 B	PY	.002	.002	0	0
58	PLATE 4 B	PY	.002	.002	0	0
59	PLATE 3 B	PY	.002	.002	0	0
60	PLATE 2 B	PY	.002	.002	0	0
61	PLATE 1 B	PY	.002	.002	0	0
62	MP BETA4	PY	.004	.004	0	0
63	MP BETA3	PY	.004	.004	0	0
64	MP BETA2	PY	.004	.004	0	0
65	MP BETA5	PY	.004	.004	0	0
66	KICKER4 B	PY	.002	.002	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
67	KICKER3 B	PY	.002	.002	0	0
68	KICKER2 B	PY	.002	.002	0	0
69	KICKER1 B	PY	.002	.002	0	0
70	FACE2 B	PY	.003	.003	0	0
71	FACE1 B	PY	.003	.003	0	0
72	FACE PL4 B	PY	.002	.002	0	0
73	FACE PL3 B	PY	.002	.002	0	0
74	FACE PL2 B	PY	.002	.002	0	0
75	FACE PL1 B	PY	.002	.002	0	0
76	DIAG2 B	PY	.001	.001	0	0
77	DIAG1 B	PY	.001	.001	0	0
78	BACK2 B	PY	.002	.002	0	0
79	BACK1 B	PY	.002	.002	0	0
80	BACK PIPE1 B	PY	.002	.002	0	0
81	MBFACE	PY	.004	.004	0	0
82	MBSTAB1	PY	.003	.003	0	0
83	MBSTAB2	PY	.003	.003	0	0
84	MBSTAB3	PY	.003	.003	0	0
85	MBSTAB4	PY	.003	.003	0	0
86	MBTIEBACK	PY	.002	.002	0	0
87	VERT4 C	PY	.001	.001	0	0
88	VERT3 C	PY	.001	.001	0	0
89	VERT2 C	PY	.001	.001	0	0
90	VERT1 C	PY	.001	.001	0	0
91	TIEBACK2 C	PY	.000804	.000804	0	0
92	TIEBACK1 C	PY	.000804	.000804	0	0
93	PLATE12 C	PY	.000911	.000911	0	0
94	PLATE 11 C	PY	.000911	.000911	0	0
95	PLATE 10 C	PY	.000911	.000911	0	0
96	PLATE 9 C	PY	.000911	.000911	0	0
97	PLATE 8 C	PY	.000911	.000911	0	0
98	PLATE 7 C	PY	.000911	.000911	0	0
99	PLATE 6 C	PY	.000911	.000911	0	0
100	PLATE 5 C	PY	.000911	.000911	0	0
101	PLATE 4 C	PY	.000911	.000911	0	0
102	PLATE 3 C	PY	.000911	.000911	0	0
103	PLATE 2 C	PY	.000911	.000911	0	0
104	PLATE 1 C	PY	.000911	.000911	0	0
105	MP GAMMA4	PY	.002	.002	0	0
106	MP GAMMA3	PY	.002	.002	0	0
107	MP GAMMA2	PY	.002	.002	0	0
108	MP GAMMA5	PY	.002	.002	0	0
109	KICKER4 C	PY	.000794	.000794	0	0
110	KICKER3 C	PY	.000794	.000794	0	0
111	KICKER2 C	PY	.000794	.000794	0	0
112	KICKER1 C	PY	.000794	.000794	0	0
113	FACE2 C	PY	.002	.002	0	0
114	FACE1 C	PY	.002	.002	0	0
115	FACE PL4 C	PY	.000883	.000883	0	0
116	FACE PL3 C	PY	.000883	.000883	0	0
117	FACE PL2 C	PY	.000883	.000883	0	0
118	FACE PL1 C	PY	.000883	.000883	0	0
119	DIAG2 C	PY	.000581	.000581	0	0
120	DIAG1 C	PY	.000581	.000581	0	0
121	BACK2 C	PY	.000911	.000911	0	0
122	BACK1 C	PY	.000911	.000911	0	0
123	BACK PIPE1 C	PY	.001	.001	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
124	MCFACE	PY	.002	.002	0	0
125	MCSTAB1	PY	.001	.001	0	0
126	MCSTAB2	PY	.001	.001	0	0
127	MCSTAB3	PY	.001	.001	0	0
128	MCSTAB4	PY	.001	.001	0	0
129	MCTIEBACK	PY	.000804	.000804	0	0
130	VERT4	PX	-.002	-.002	0	0
131	VERT3	PX	-.002	-.002	0	0
132	VERT2	PX	-.002	-.002	0	0
133	VERT1	PX	-.002	-.002	0	0
134	TIEBACK2	PX	-.001	-.001	0	0
135	TIEBACK1	PX	-.001	-.001	0	0
136	PLATE12	PX	-.002	-.002	0	0
137	PLATE 11	PX	-.002	-.002	0	0
138	PLATE 10	PX	-.002	-.002	0	0
139	PLATE 9	PX	-.002	-.002	0	0
140	PLATE 8	PX	-.002	-.002	0	0
141	PLATE 7	PX	-.002	-.002	0	0
142	PLATE 6	PX	-.002	-.002	0	0
143	PLATE 5	PX	-.002	-.002	0	0
144	PLATE 4	PX	-.002	-.002	0	0
145	PLATE 3	PX	-.002	-.002	0	0
146	PLATE 2	PX	-.002	-.002	0	0
147	PLATE 1	PX	-.002	-.002	0	0
148	MP ALPHA4	PX	-.004	-.004	0	0
149	MP ALPHA3	PX	-.004	-.004	0	0
150	MP ALPHA2	PX	-.004	-.004	0	0
151	MP ALPHA5	PX	-.004	-.004	0	0
152	KICKER4	PX	-.001	-.001	0	0
153	KICKER3	PX	-.001	-.001	0	0
154	KICKER2	PX	-.001	-.001	0	0
155	KICKER1	PX	-.001	-.001	0	0
156	FACE2	PX	-.003	-.003	0	0
157	FACE1	PX	-.003	-.003	0	0
158	FACE PL4	PX	-.002	-.002	0	0
159	FACE PL3	PX	-.002	-.002	0	0
160	FACE PL2	PX	-.002	-.002	0	0
161	FACE PL1	PX	-.002	-.002	0	0
162	DIAG2	PX	-.001	-.001	0	0
163	DIAG1	PX	-.001	-.001	0	0
164	BACK2	PX	-.002	-.002	0	0
165	BACK1	PX	-.002	-.002	0	0
166	BACK PIPE1	PX	-.002	-.002	0	0
167	MAFACE	PX	-.003	-.003	0	0
168	MASTAB1	PX	-.002	-.002	0	0
169	MASTAB2	PX	-.002	-.002	0	0
170	MASTAB3	PX	-.002	-.002	0	0
171	MASTAB4	PX	-.002	-.002	0	0
172	MATIEBACK	PX	-.001	-.001	0	0
173	VERT4 C	PX	-.002	-.002	0	0
174	VERT3 C	PX	-.002	-.002	0	0
175	VERT2 C	PX	-.002	-.002	0	0
176	VERT1 C	PX	-.002	-.002	0	0
177	TIEBACK2 C	PX	-.001	-.001	0	0
178	TIEBACK1 C	PX	-.001	-.001	0	0
179	PLATE12 C	PX	-.002	-.002	0	0
180	PLATE 11 C	PX	-.002	-.002	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
181	PLATE 10 C	PX	-0.002	-0.002	0	0
182	PLATE 9 C	PX	-0.002	-0.002	0	0
183	PLATE 8 C	PX	-0.002	-0.002	0	0
184	PLATE 7 C	PX	-0.002	-0.002	0	0
185	PLATE 6 C	PX	-0.002	-0.002	0	0
186	PLATE 5 C	PX	-0.002	-0.002	0	0
187	PLATE 4 C	PX	-0.002	-0.002	0	0
188	PLATE 3 C	PX	-0.002	-0.002	0	0
189	PLATE 2 C	PX	-0.002	-0.002	0	0
190	PLATE 1 C	PX	-0.002	-0.002	0	0
191	MP GAMMA4	PX	-0.004	-0.004	0	0
192	MP GAMMA3	PX	-0.004	-0.004	0	0
193	MP GAMMA2	PX	-0.004	-0.004	0	0
194	MP GAMMA5	PX	-0.004	-0.004	0	0
195	KICKER4 C	PX	-0.001	-0.001	0	0
196	KICKER3 C	PX	-0.001	-0.001	0	0
197	KICKER2 C	PX	-0.001	-0.001	0	0
198	KICKER1 C	PX	-0.001	-0.001	0	0
199	FACE2 C	PX	-0.003	-0.003	0	0
200	FACE1 C	PX	-0.003	-0.003	0	0
201	FACE PL4 C	PX	-0.002	-0.002	0	0
202	FACE PL3 C	PX	-0.002	-0.002	0	0
203	FACE PL2 C	PX	-0.002	-0.002	0	0
204	FACE PL1 C	PX	-0.002	-0.002	0	0
205	DIAG2 C	PX	-0.001	-0.001	0	0
206	DIAG1 C	PX	-0.001	-0.001	0	0
207	BACK2 C	PX	-0.002	-0.002	0	0
208	BACK1 C	PX	-0.002	-0.002	0	0
209	BACK PIPE1 C	PX	-0.002	-0.002	0	0
210	MCFACE	PX	-0.003	-0.003	0	0
211	MCSTAB1	PX	-0.002	-0.002	0	0
212	MCSTAB2	PX	-0.002	-0.002	0	0
213	MCSTAB3	PX	-0.002	-0.002	0	0
214	MCSTAB4	PX	-0.002	-0.002	0	0
215	MCTIEBACK	PX	-0.001	-0.001	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	.002	.002	0	0
2	VERT3	PY	.002	.002	0	0
3	VERT2	PY	.002	.002	0	0
4	VERT1	PY	.002	.002	0	0
5	TIEBACK2	PY	.001	.001	0	0
6	TIEBACK1	PY	.001	.001	0	0
7	PLATE12	PY	.002	.002	0	0
8	PLATE 11	PY	.002	.002	0	0
9	PLATE 10	PY	.002	.002	0	0
10	PLATE 9	PY	.002	.002	0	0
11	PLATE 8	PY	.002	.002	0	0
12	PLATE 7	PY	.002	.002	0	0
13	PLATE 6	PY	.002	.002	0	0
14	PLATE 5	PY	.002	.002	0	0
15	PLATE 4	PY	.002	.002	0	0
16	PLATE 3	PY	.002	.002	0	0
17	PLATE 2	PY	.002	.002	0	0
18	PLATE 1	PY	.002	.002	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
19	MP ALPHA4	PY	.004	.004	0	0
20	MP ALPHA3	PY	.004	.004	0	0
21	MP ALPHA2	PY	.004	.004	0	0
22	MP ALPHA5	PY	.004	.004	0	0
23	KICKER4	PY	.001	.001	0	0
24	KICKER3	PY	.001	.001	0	0
25	KICKER2	PY	.001	.001	0	0
26	KICKER1	PY	.001	.001	0	0
27	FACE2	PY	.003	.003	0	0
28	FACE1	PY	.003	.003	0	0
29	FACE PL4	PY	.002	.002	0	0
30	FACE PL3	PY	.002	.002	0	0
31	FACE PL2	PY	.002	.002	0	0
32	FACE PL1	PY	.002	.002	0	0
33	DIAG2	PY	.001	.001	0	0
34	DIAG1	PY	.001	.001	0	0
35	BACK2	PY	.002	.002	0	0
36	BACK1	PY	.002	.002	0	0
37	BACK PIPE1	PY	.002	.002	0	0
38	MAFACE	PY	.003	.003	0	0
39	MASTAB1	PY	.002	.002	0	0
40	MASTAB2	PY	.002	.002	0	0
41	MASTAB3	PY	.002	.002	0	0
42	MASTAB4	PY	.002	.002	0	0
43	MATIEBACK	PY	.001	.001	0	0
44	VERT4 B	PY	.002	.002	0	0
45	VERT3 B	PY	.002	.002	0	0
46	VERT2 B	PY	.002	.002	0	0
47	VERT1 B	PY	.002	.002	0	0
48	TIEBACK2 B	PY	.001	.001	0	0
49	TIEBACK1 B	PY	.001	.001	0	0
50	PLATE12 B	PY	.002	.002	0	0
51	PLATE 11 B	PY	.002	.002	0	0
52	PLATE 10 B	PY	.002	.002	0	0
53	PLATE 9 B	PY	.002	.002	0	0
54	PLATE 8 B	PY	.002	.002	0	0
55	PLATE 7 B	PY	.002	.002	0	0
56	PLATE 6 B	PY	.002	.002	0	0
57	PLATE 5 B	PY	.002	.002	0	0
58	PLATE 4 B	PY	.002	.002	0	0
59	PLATE 3 B	PY	.002	.002	0	0
60	PLATE 2 B	PY	.002	.002	0	0
61	PLATE 1 B	PY	.002	.002	0	0
62	MP BETA4	PY	.004	.004	0	0
63	MP BETA3	PY	.004	.004	0	0
64	MP BETA2	PY	.004	.004	0	0
65	MP BETA5	PY	.004	.004	0	0
66	KICKER4 B	PY	.001	.001	0	0
67	KICKER3 B	PY	.001	.001	0	0
68	KICKER2 B	PY	.001	.001	0	0
69	KICKER1 B	PY	.001	.001	0	0
70	FACE2 B	PY	.003	.003	0	0
71	FACE1 B	PY	.003	.003	0	0
72	FACE PL4 B	PY	.002	.002	0	0
73	FACE PL3 B	PY	.002	.002	0	0
74	FACE PL2 B	PY	.002	.002	0	0
75	FACE PL1 B	PY	.002	.002	0	0



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

Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
76	DIAG2 B	PY	.001	.001	0 0
77	DIAG1 B	PY	.001	.001	0 0
78	BACK2 B	PY	.002	.002	0 0
79	BACK1 B	PY	.002	.002	0 0
80	BACK PIPE1 B	PY	.002	.002	0 0
81	MBFACE	PY	.003	.003	0 0
82	MBSTAB1	PY	.002	.002	0 0
83	MBSTAB2	PY	.002	.002	0 0
84	MBSTAB3	PY	.002	.002	0 0
85	MBSTAB4	PY	.002	.002	0 0
86	MBTIEBACK	PY	.001	.001	0 0
87	VERT4 C	PX	-.002	-.002	0 0
88	VERT3 C	PX	-.002	-.002	0 0
89	VERT2 C	PX	-.002	-.002	0 0
90	VERT1 C	PX	-.002	-.002	0 0
91	TIEBACK2 C	PX	-.006	-.006	0 0
92	TIEBACK1 C	PX	-.006	-.006	0 0
93	PLATE12 C	PX	-.004	-.004	0 0
94	PLATE 11 C	PX	-.004	-.004	0 0
95	PLATE 10 C	PX	-.004	-.004	0 0
96	PLATE 9 C	PX	-.004	-.004	0 0
97	PLATE 8 C	PX	-.004	-.004	0 0
98	PLATE 7 C	PX	-.004	-.004	0 0
99	PLATE 6 C	PX	-.004	-.004	0 0
100	PLATE 5 C	PX	-.004	-.004	0 0
101	PLATE 4 C	PX	-.004	-.004	0 0
102	PLATE 3 C	PX	-.004	-.004	0 0
103	PLATE 2 C	PX	-.004	-.004	0 0
104	PLATE 1 C	PX	-.004	-.004	0 0
105	MP GAMMA4	PX	-.004	-.004	0 0
106	MP GAMMA3	PX	-.004	-.004	0 0
107	MP GAMMA2	PX	-.004	-.004	0 0
108	MP GAMMA5	PX	-.004	-.004	0 0
109	KICKER4 C	PX	-.006	-.006	0 0
110	KICKER3 C	PX	-.006	-.006	0 0
111	KICKER2 C	PX	-.006	-.006	0 0
112	KICKER1 C	PX	-.006	-.006	0 0
113	FACE2 C	PX	-.003	-.003	0 0
114	FACE1 C	PX	-.003	-.003	0 0
115	FACE PL4 C	PX	-.003	-.003	0 0
116	FACE PL3 C	PX	-.003	-.003	0 0
117	FACE PL2 C	PX	-.003	-.003	0 0
118	FACE PL1 C	PX	-.003	-.003	0 0
119	DIAG2 C	PX	-.004	-.004	0 0
120	DIAG1 C	PX	-.004	-.004	0 0
121	BACK2 C	PX	-.004	-.004	0 0
122	BACK1 C	PX	-.004	-.004	0 0
123	BACK PIPE1 C	PX	-.004	-.004	0 0
124	MCFACE	PX	-.004	-.004	0 0
125	MCSTAB1	PX	-.005	-.005	0 0
126	MCSTAB2	PX	-.005	-.005	0 0
127	MCSTAB3	PX	-.005	-.005	0 0
128	MCSTAB4	PX	-.005	-.005	0 0
129	MCTIEBACK	PX	-.006	-.006	0 0
130	VERT4	PX	-.001	-.001	0 0
131	VERT3	PX	-.001	-.001	0 0
132	VERT2	PX	-.001	-.001	0 0



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

Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
133	VERT1	PX	-0.001	-0.001	0 0
134	TIEBACK2	PX	-0.000804	-0.000804	0 0
135	TIEBACK1	PX	-0.000804	-0.000804	0 0
136	PLATE12	PX	-0.000911	-0.000911	0 0
137	PLATE 11	PX	-0.000911	-0.000911	0 0
138	PLATE 10	PX	-0.000911	-0.000911	0 0
139	PLATE 9	PX	-0.000911	-0.000911	0 0
140	PLATE 8	PX	-0.000911	-0.000911	0 0
141	PLATE 7	PX	-0.000911	-0.000911	0 0
142	PLATE 6	PX	-0.000911	-0.000911	0 0
143	PLATE 5	PX	-0.000911	-0.000911	0 0
144	PLATE 4	PX	-0.000911	-0.000911	0 0
145	PLATE 3	PX	-0.000911	-0.000911	0 0
146	PLATE 2	PX	-0.000911	-0.000911	0 0
147	PLATE 1	PX	-0.000911	-0.000911	0 0
148	MP ALPHA4	PX	-0.002	-0.002	0 0
149	MP ALPHA3	PX	-0.002	-0.002	0 0
150	MP ALPHA2	PX	-0.002	-0.002	0 0
151	MP ALPHA5	PX	-0.002	-0.002	0 0
152	KICKER4	PX	-0.000794	-0.000794	0 0
153	KICKER3	PX	-0.000794	-0.000794	0 0
154	KICKER2	PX	-0.000794	-0.000794	0 0
155	KICKER1	PX	-0.000794	-0.000794	0 0
156	FACE2	PX	-0.002	-0.002	0 0
157	FACE1	PX	-0.002	-0.002	0 0
158	FACE PL4	PX	-0.000883	-0.000883	0 0
159	FACE PL3	PX	-0.000883	-0.000883	0 0
160	FACE PL2	PX	-0.000883	-0.000883	0 0
161	FACE PL1	PX	-0.000883	-0.000883	0 0
162	DIAG2	PX	-0.000581	-0.000581	0 0
163	DIAG1	PX	-0.000581	-0.000581	0 0
164	BACK2	PX	-0.000911	-0.000911	0 0
165	BACK1	PX	-0.000911	-0.000911	0 0
166	BACK PIPE1	PX	-0.001	-0.001	0 0
167	MAFACE	PX	-0.002	-0.002	0 0
168	MASTAB1	PX	-0.001	-0.001	0 0
169	MASTAB2	PX	-0.001	-0.001	0 0
170	MASTAB3	PX	-0.001	-0.001	0 0
171	MASTAB4	PX	-0.001	-0.001	0 0
172	MATIEBACK	PX	-0.000804	-0.000804	0 0
173	VERT4 B	PX	-0.001	-0.001	0 0
174	VERT3 B	PX	-0.001	-0.001	0 0
175	VERT2 B	PX	-0.001	-0.001	0 0
176	VERT1 B	PX	-0.001	-0.001	0 0
177	TIEBACK2 B	PX	-0.000804	-0.000804	0 0
178	TIEBACK1 B	PX	-0.000804	-0.000804	0 0
179	PLATE12 B	PX	-0.000911	-0.000911	0 0
180	PLATE 11 B	PX	-0.000911	-0.000911	0 0
181	PLATE 10 B	PX	-0.000911	-0.000911	0 0
182	PLATE 9 B	PX	-0.000911	-0.000911	0 0
183	PLATE 8 B	PX	-0.000911	-0.000911	0 0
184	PLATE 7 B	PX	-0.000911	-0.000911	0 0
185	PLATE 6 B	PX	-0.000911	-0.000911	0 0
186	PLATE 5 B	PX	-0.000911	-0.000911	0 0
187	PLATE 4 B	PX	-0.000911	-0.000911	0 0
188	PLATE 3 B	PX	-0.000911	-0.000911	0 0
189	PLATE 2 B	PX	-0.000911	-0.000911	0 0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
190	PLATE 1 B	PX	-0.000911	-0.000911	0	0
191	MP BETA4	PX	-0.002	-0.002	0	0
192	MP BETA3	PX	-0.002	-0.002	0	0
193	MP BETA2	PX	-0.002	-0.002	0	0
194	MP BETA5	PX	-0.002	-0.002	0	0
195	KICKER4 B	PX	-0.000794	-0.000794	0	0
196	KICKER3 B	PX	-0.000794	-0.000794	0	0
197	KICKER2 B	PX	-0.000794	-0.000794	0	0
198	KICKER1 B	PX	-0.000794	-0.000794	0	0
199	FACE2 B	PX	-0.002	-0.002	0	0
200	FACE1 B	PX	-0.002	-0.002	0	0
201	FACE PL4 B	PX	-0.000883	-0.000883	0	0
202	FACE PL3 B	PX	-0.000883	-0.000883	0	0
203	FACE PL2 B	PX	-0.000883	-0.000883	0	0
204	FACE PL1 B	PX	-0.000883	-0.000883	0	0
205	DIAG2 B	PX	-0.000581	-0.000581	0	0
206	DIAG1 B	PX	-0.000581	-0.000581	0	0
207	BACK2 B	PX	-0.000911	-0.000911	0	0
208	BACK1 B	PX	-0.000911	-0.000911	0	0
209	BACK PIPE1 B	PX	-0.001	-0.001	0	0
210	MBFACE	PX	-0.002	-0.002	0	0
211	MBSTAB1	PX	-0.001	-0.001	0	0
212	MBSTAB2	PX	-0.001	-0.001	0	0
213	MBSTAB3	PX	-0.001	-0.001	0	0
214	MBSTAB4	PX	-0.001	-0.001	0	0
215	MBTIEBACK	PX	-0.000804	-0.000804	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	.002	.002	0	0
2	VERT3	PY	.002	.002	0	0
3	VERT2	PY	.002	.002	0	0
4	VERT1	PY	.002	.002	0	0
5	TIEBACK2	PY	.002	.002	0	0
6	TIEBACK1	PY	.002	.002	0	0
7	PLATE12	PY	.002	.002	0	0
8	PLATE 11	PY	.002	.002	0	0
9	PLATE 10	PY	.002	.002	0	0
10	PLATE 9	PY	.002	.002	0	0
11	PLATE 8	PY	.002	.002	0	0
12	PLATE 7	PY	.002	.002	0	0
13	PLATE 6	PY	.002	.002	0	0
14	PLATE 5	PY	.002	.002	0	0
15	PLATE 4	PY	.002	.002	0	0
16	PLATE 3	PY	.002	.002	0	0
17	PLATE 2	PY	.002	.002	0	0
18	PLATE 1	PY	.002	.002	0	0
19	MP ALPHA4	PY	.004	.004	0	0
20	MP ALPHA3	PY	.004	.004	0	0
21	MP ALPHA2	PY	.004	.004	0	0
22	MP ALPHA5	PY	.004	.004	0	0
23	KICKER4	PY	.002	.002	0	0
24	KICKER3	PY	.002	.002	0	0
25	KICKER2	PY	.002	.002	0	0
26	KICKER1	PY	.002	.002	0	0
27	FACE2	PY	.003	.003	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft,%]	End Location[ft,%]
28	FACE1	PY	.003	.003	0	0
29	FACE PL4	PY	.002	.002	0	0
30	FACE PL3	PY	.002	.002	0	0
31	FACE PL2	PY	.002	.002	0	0
32	FACE PL1	PY	.002	.002	0	0
33	DIAG2	PY	.001	.001	0	0
34	DIAG1	PY	.001	.001	0	0
35	BACK2	PY	.002	.002	0	0
36	BACK1	PY	.002	.002	0	0
37	BACK PIPE1	PY	.002	.002	0	0
38	MAFACE	PY	.004	.004	0	0
39	MASTAB1	PY	.003	.003	0	0
40	MASTAB2	PY	.003	.003	0	0
41	MASTAB3	PY	.003	.003	0	0
42	MASTAB4	PY	.003	.003	0	0
43	MATIEBACK	PY	.002	.002	0	0
44	VERT4 B	PY	.001	.001	0	0
45	VERT3 B	PY	.001	.001	0	0
46	VERT2 B	PY	.001	.001	0	0
47	VERT1 B	PY	.001	.001	0	0
48	TIEBACK2 B	PY	.000804	.000804	0	0
49	TIEBACK1 B	PY	.000804	.000804	0	0
50	PLATE12 B	PY	.000911	.000911	0	0
51	PLATE 11 B	PY	.000911	.000911	0	0
52	PLATE 10 B	PY	.000911	.000911	0	0
53	PLATE 9 B	PY	.000911	.000911	0	0
54	PLATE 8 B	PY	.000911	.000911	0	0
55	PLATE 7 B	PY	.000911	.000911	0	0
56	PLATE 6 B	PY	.000911	.000911	0	0
57	PLATE 5 B	PY	.000911	.000911	0	0
58	PLATE 4 B	PY	.000911	.000911	0	0
59	PLATE 3 B	PY	.000911	.000911	0	0
60	PLATE 2 B	PY	.000911	.000911	0	0
61	PLATE 1 B	PY	.000911	.000911	0	0
62	MP BETA4	PY	.002	.002	0	0
63	MP BETA3	PY	.002	.002	0	0
64	MP BETA2	PY	.002	.002	0	0
65	MP BETA5	PY	.002	.002	0	0
66	KICKER4 B	PY	.000794	.000794	0	0
67	KICKER3 B	PY	.000794	.000794	0	0
68	KICKER2 B	PY	.000794	.000794	0	0
69	KICKER1 B	PY	.000794	.000794	0	0
70	FACE2 B	PY	.002	.002	0	0
71	FACE1 B	PY	.002	.002	0	0
72	FACE PL4 B	PY	.000883	.000883	0	0
73	FACE PL3 B	PY	.000883	.000883	0	0
74	FACE PL2 B	PY	.000883	.000883	0	0
75	FACE PL1 B	PY	.000883	.000883	0	0
76	DIAG2 B	PY	.000581	.000581	0	0
77	DIAG1 B	PY	.000581	.000581	0	0
78	BACK2 B	PY	.000911	.000911	0	0
79	BACK1 B	PY	.000911	.000911	0	0
80	BACK PIPE1 B	PY	.001	.001	0	0
81	MBFACE	PY	.002	.002	0	0
82	MBSTAB1	PY	.001	.001	0	0
83	MBSTAB2	PY	.001	.001	0	0
84	MBSTAB3	PY	.001	.001	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
85	MBSTAB4	PY	.001	.001	0	0
86	MBTIEBACK	PY	.000804	.000804	0	0
87	VERT4 C	PY	.001	.001	0	0
88	VERT3 C	PY	.001	.001	0	0
89	VERT2 C	PY	.001	.001	0	0
90	VERT1 C	PY	.001	.001	0	0
91	TIEBACK2 C	PY	.000804	.000804	0	0
92	TIEBACK1 C	PY	.000804	.000804	0	0
93	PLATE12 C	PY	.000911	.000911	0	0
94	PLATE 11 C	PY	.000911	.000911	0	0
95	PLATE 10 C	PY	.000911	.000911	0	0
96	PLATE 9 C	PY	.000911	.000911	0	0
97	PLATE 8 C	PY	.000911	.000911	0	0
98	PLATE 7 C	PY	.000911	.000911	0	0
99	PLATE 6 C	PY	.000911	.000911	0	0
100	PLATE 5 C	PY	.000911	.000911	0	0
101	PLATE 4 C	PY	.000911	.000911	0	0
102	PLATE 3 C	PY	.000911	.000911	0	0
103	PLATE 2 C	PY	.000911	.000911	0	0
104	PLATE 1 C	PY	.000911	.000911	0	0
105	MP GAMMA4	PY	.002	.002	0	0
106	MP GAMMA3	PY	.002	.002	0	0
107	MP GAMMA2	PY	.002	.002	0	0
108	MP GAMMA5	PY	.002	.002	0	0
109	KICKER4 C	PY	.000794	.000794	0	0
110	KICKER3 C	PY	.000794	.000794	0	0
111	KICKER2 C	PY	.000794	.000794	0	0
112	KICKER1 C	PY	.000794	.000794	0	0
113	FACE2 C	PY	.002	.002	0	0
114	FACE1 C	PY	.002	.002	0	0
115	FACE PL4 C	PY	.000883	.000883	0	0
116	FACE PL3 C	PY	.000883	.000883	0	0
117	FACE PL2 C	PY	.000883	.000883	0	0
118	FACE PL1 C	PY	.000883	.000883	0	0
119	DIAG2 C	PY	.000581	.000581	0	0
120	DIAG1 C	PY	.000581	.000581	0	0
121	BACK2 C	PY	.000911	.000911	0	0
122	BACK1 C	PY	.000911	.000911	0	0
123	BACK PIPE1 C	PY	.001	.001	0	0
124	MCFACE	PY	.002	.002	0	0
125	MCSTAB1	PY	.001	.001	0	0
126	MCSTAB2	PY	.001	.001	0	0
127	MCSTAB3	PY	.001	.001	0	0
128	MCSTAB4	PY	.001	.001	0	0
129	MCTIEBACK	PY	.000804	.000804	0	0
130	VERT4 B	PX	-.002	-.002	0	0
131	VERT3 B	PX	-.002	-.002	0	0
132	VERT2 B	PX	-.002	-.002	0	0
133	VERT1 B	PX	-.002	-.002	0	0
134	TIEBACK2 B	PX	-.001	-.001	0	0
135	TIEBACK1 B	PX	-.001	-.001	0	0
136	PLATE12 B	PX	-.002	-.002	0	0
137	PLATE 11 B	PX	-.002	-.002	0	0
138	PLATE 10 B	PX	-.002	-.002	0	0
139	PLATE 9 B	PX	-.002	-.002	0	0
140	PLATE 8 B	PX	-.002	-.002	0	0
141	PLATE 7 B	PX	-.002	-.002	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
142	PLATE 6 B	PX	-0.02	-0.02	0	0
143	PLATE 5 B	PX	-0.02	-0.02	0	0
144	PLATE 4 B	PX	-0.02	-0.02	0	0
145	PLATE 3 B	PX	-0.02	-0.02	0	0
146	PLATE 2 B	PX	-0.02	-0.02	0	0
147	PLATE 1 B	PX	-0.02	-0.02	0	0
148	MP BETA4	PX	-0.04	-0.04	0	0
149	MP BETA3	PX	-0.04	-0.04	0	0
150	MP BETA2	PX	-0.04	-0.04	0	0
151	MP BETA5	PX	-0.04	-0.04	0	0
152	KICKER4 B	PX	-0.01	-0.01	0	0
153	KICKER3 B	PX	-0.01	-0.01	0	0
154	KICKER2 B	PX	-0.01	-0.01	0	0
155	KICKER1 B	PX	-0.01	-0.01	0	0
156	FACE2 B	PX	-0.03	-0.03	0	0
157	FACE1 B	PX	-0.03	-0.03	0	0
158	FACE PL4 B	PX	-0.02	-0.02	0	0
159	FACE PL3 B	PX	-0.02	-0.02	0	0
160	FACE PL2 B	PX	-0.02	-0.02	0	0
161	FACE PL1 B	PX	-0.02	-0.02	0	0
162	DIAG2 B	PX	-0.01	-0.01	0	0
163	DIAG1 B	PX	-0.01	-0.01	0	0
164	BACK2 B	PX	-0.02	-0.02	0	0
165	BACK1 B	PX	-0.02	-0.02	0	0
166	BACK PIPE1 B	PX	-0.02	-0.02	0	0
167	MBFACE	PX	-0.03	-0.03	0	0
168	MBSTAB1	PX	-0.02	-0.02	0	0
169	MBSTAB2	PX	-0.02	-0.02	0	0
170	MBSTAB3	PX	-0.02	-0.02	0	0
171	MBSTAB4	PX	-0.02	-0.02	0	0
172	MBTIEBACK	PX	-0.01	-0.01	0	0
173	VERT4 C	PX	.002	.002	0	0
174	VERT3 C	PX	.002	.002	0	0
175	VERT2 C	PX	.002	.002	0	0
176	VERT1 C	PX	.002	.002	0	0
177	TIEBACK2 C	PX	.001	.001	0	0
178	TIEBACK1 C	PX	.001	.001	0	0
179	PLATE12 C	PX	.002	.002	0	0
180	PLATE 11 C	PX	.002	.002	0	0
181	PLATE 10 C	PX	.002	.002	0	0
182	PLATE 9 C	PX	.002	.002	0	0
183	PLATE 8 C	PX	.002	.002	0	0
184	PLATE 7 C	PX	.002	.002	0	0
185	PLATE 6 C	PX	.002	.002	0	0
186	PLATE 5 C	PX	.002	.002	0	0
187	PLATE 4 C	PX	.002	.002	0	0
188	PLATE 3 C	PX	.002	.002	0	0
189	PLATE 2 C	PX	.002	.002	0	0
190	PLATE 1 C	PX	.002	.002	0	0
191	MP GAMMA4	PX	.004	.004	0	0
192	MP GAMMA3	PX	.004	.004	0	0
193	MP GAMMA2	PX	.004	.004	0	0
194	MP GAMMA5	PX	.004	.004	0	0
195	KICKER4 C	PX	.001	.001	0	0
196	KICKER3 C	PX	.001	.001	0	0
197	KICKER2 C	PX	.001	.001	0	0
198	KICKER1 C	PX	.001	.001	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
199	FACE2 C	PX	.003	.003	0	0
200	FACE1 C	PX	.003	.003	0	0
201	FACE PL4 C	PX	.002	.002	0	0
202	FACE PL3 C	PX	.002	.002	0	0
203	FACE PL2 C	PX	.002	.002	0	0
204	FACE PL1 C	PX	.002	.002	0	0
205	DIAG2 C	PX	.001	.001	0	0
206	DIAG1 C	PX	.001	.001	0	0
207	BACK2 C	PX	.002	.002	0	0
208	BACK1 C	PX	.002	.002	0	0
209	BACK PIPE1 C	PX	.002	.002	0	0
210	MCFACE	PX	.003	.003	0	0
211	MCSTAB1	PX	.002	.002	0	0
212	MCSTAB2	PX	.002	.002	0	0
213	MCSTAB3	PX	.002	.002	0	0
214	MCSTAB4	PX	.002	.002	0	0
215	MCTIEBACK	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
1	VERT4	PY	.002	.002	0	0
2	VERT3	PY	.002	.002	0	0
3	VERT2	PY	.002	.002	0	0
4	VERT1	PY	.002	.002	0	0
5	TIEBACK2	PY	.001	.001	0	0
6	TIEBACK1	PY	.001	.001	0	0
7	PLATE12	PY	.002	.002	0	0
8	PLATE 11	PY	.002	.002	0	0
9	PLATE 10	PY	.002	.002	0	0
10	PLATE 9	PY	.002	.002	0	0
11	PLATE 8	PY	.002	.002	0	0
12	PLATE 7	PY	.002	.002	0	0
13	PLATE 6	PY	.002	.002	0	0
14	PLATE 5	PY	.002	.002	0	0
15	PLATE 4	PY	.002	.002	0	0
16	PLATE 3	PY	.002	.002	0	0
17	PLATE 2	PY	.002	.002	0	0
18	PLATE 1	PY	.002	.002	0	0
19	MP ALPHA4	PY	.004	.004	0	0
20	MP ALPHA3	PY	.004	.004	0	0
21	MP ALPHA2	PY	.004	.004	0	0
22	MP ALPHA5	PY	.004	.004	0	0
23	KICKER4	PY	.001	.001	0	0
24	KICKER3	PY	.001	.001	0	0
25	KICKER2	PY	.001	.001	0	0
26	KICKER1	PY	.001	.001	0	0
27	FACE2	PY	.003	.003	0	0
28	FACE1	PY	.003	.003	0	0
29	FACE PL4	PY	.002	.002	0	0
30	FACE PL3	PY	.002	.002	0	0
31	FACE PL2	PY	.002	.002	0	0
32	FACE PL1	PY	.002	.002	0	0
33	DIAG2	PY	.001	.001	0	0
34	DIAG1	PY	.001	.001	0	0
35	BACK2	PY	.002	.002	0	0
36	BACK1	PY	.002	.002	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
37	BACK PIPE1	PY	.002	.002	0	0
38	MAFACE	PY	.003	.003	0	0
39	MASTAB1	PY	.002	.002	0	0
40	MASTAB2	PY	.002	.002	0	0
41	MASTAB3	PY	.002	.002	0	0
42	MASTAB4	PY	.002	.002	0	0
43	MATIEBACK	PY	.001	.001	0	0
44	VERT4 B	PX	.002	.002	0	0
45	VERT3 B	PX	.002	.002	0	0
46	VERT2 B	PX	.002	.002	0	0
47	VERT1 B	PX	.002	.002	0	0
48	TIEBACK2 B	PX	.006	.006	0	0
49	TIEBACK1 B	PX	.006	.006	0	0
50	PLATE12 B	PX	.004	.004	0	0
51	PLATE 11 B	PX	.004	.004	0	0
52	PLATE 10 B	PX	.004	.004	0	0
53	PLATE 9 B	PX	.004	.004	0	0
54	PLATE 8 B	PX	.004	.004	0	0
55	PLATE 7 B	PX	.004	.004	0	0
56	PLATE 6 B	PX	.004	.004	0	0
57	PLATE 5 B	PX	.004	.004	0	0
58	PLATE 4 B	PX	.004	.004	0	0
59	PLATE 3 B	PX	.004	.004	0	0
60	PLATE 2 B	PX	.004	.004	0	0
61	PLATE 1 B	PX	.004	.004	0	0
62	MP BETA4	PX	.004	.004	0	0
63	MP BETA3	PX	.004	.004	0	0
64	MP BETA2	PX	.004	.004	0	0
65	MP BETA5	PX	.004	.004	0	0
66	KICKER4 B	PX	.006	.006	0	0
67	KICKER3 B	PX	.006	.006	0	0
68	KICKER2 B	PX	.006	.006	0	0
69	KICKER1 B	PX	.006	.006	0	0
70	FACE2 B	PX	.003	.003	0	0
71	FACE1 B	PX	.003	.003	0	0
72	FACE PL4 B	PX	.003	.003	0	0
73	FACE PL3 B	PX	.003	.003	0	0
74	FACE PL2 B	PX	.003	.003	0	0
75	FACE PL1 B	PX	.003	.003	0	0
76	DIAG2 B	PX	.004	.004	0	0
77	DIAG1 B	PX	.004	.004	0	0
78	BACK2 B	PX	.004	.004	0	0
79	BACK1 B	PX	.004	.004	0	0
80	BACK PIPE1 B	PX	.004	.004	0	0
81	MBFACE	PX	.004	.004	0	0
82	MBSTAB1	PX	.005	.005	0	0
83	MBSTAB2	PX	.005	.005	0	0
84	MBSTAB3	PX	.005	.005	0	0
85	MBSTAB4	PX	.005	.005	0	0
86	MBTIEBACK	PX	.006	.006	0	0
87	VERT4 C	PY	.002	.002	0	0
88	VERT3 C	PY	.002	.002	0	0
89	VERT2 C	PY	.002	.002	0	0
90	VERT1 C	PY	.002	.002	0	0
91	TIEBACK2 C	PY	.001	.001	0	0
92	TIEBACK1 C	PY	.001	.001	0	0
93	PLATE12 C	PY	.002	.002	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
94	PLATE 11 C	PY	.002	.002	0	0
95	PLATE 10 C	PY	.002	.002	0	0
96	PLATE 9 C	PY	.002	.002	0	0
97	PLATE 8 C	PY	.002	.002	0	0
98	PLATE 7 C	PY	.002	.002	0	0
99	PLATE 6 C	PY	.002	.002	0	0
100	PLATE 5 C	PY	.002	.002	0	0
101	PLATE 4 C	PY	.002	.002	0	0
102	PLATE 3 C	PY	.002	.002	0	0
103	PLATE 2 C	PY	.002	.002	0	0
104	PLATE 1 C	PY	.002	.002	0	0
105	MP GAMMA4	PY	.004	.004	0	0
106	MP GAMMA3	PY	.004	.004	0	0
107	MP GAMMA2	PY	.004	.004	0	0
108	MP GAMMA5	PY	.004	.004	0	0
109	KICKER4 C	PY	.001	.001	0	0
110	KICKER3 C	PY	.001	.001	0	0
111	KICKER2 C	PY	.001	.001	0	0
112	KICKER1 C	PY	.001	.001	0	0
113	FACE2 C	PY	.003	.003	0	0
114	FACE1 C	PY	.003	.003	0	0
115	FACE PL4 C	PY	.002	.002	0	0
116	FACE PL3 C	PY	.002	.002	0	0
117	FACE PL2 C	PY	.002	.002	0	0
118	FACE PL1 C	PY	.002	.002	0	0
119	DIAG2 C	PY	.001	.001	0	0
120	DIAG1 C	PY	.001	.001	0	0
121	BACK2 C	PY	.002	.002	0	0
122	BACK1 C	PY	.002	.002	0	0
123	BACK PIPE 1 C	PY	.002	.002	0	0
124	MCFACE	PY	.003	.003	0	0
125	MCSTAB1	PY	.002	.002	0	0
126	MCSTAB2	PY	.002	.002	0	0
127	MCSTAB3	PY	.002	.002	0	0
128	MCSTAB4	PY	.002	.002	0	0
129	MCTIEBACK	PY	.001	.001	0	0
130	VERT4	PX	.001	.001	0	0
131	VERT3	PX	.001	.001	0	0
132	VERT2	PX	.001	.001	0	0
133	VERT1	PX	.001	.001	0	0
134	TIEBACK2	PX	.000804	.000804	0	0
135	TIEBACK1	PX	.000804	.000804	0	0
136	PLATE12	PX	.000911	.000911	0	0
137	PLATE 11	PX	.000911	.000911	0	0
138	PLATE 10	PX	.000911	.000911	0	0
139	PLATE 9	PX	.000911	.000911	0	0
140	PLATE 8	PX	.000911	.000911	0	0
141	PLATE 7	PX	.000911	.000911	0	0
142	PLATE 6	PX	.000911	.000911	0	0
143	PLATE 5	PX	.000911	.000911	0	0
144	PLATE 4	PX	.000911	.000911	0	0
145	PLATE 3	PX	.000911	.000911	0	0
146	PLATE 2	PX	.000911	.000911	0	0
147	PLATE 1	PX	.000911	.000911	0	0
148	MP ALPHA4	PX	.002	.002	0	0
149	MP ALPHA3	PX	.002	.002	0	0
150	MP ALPHA2	PX	.002	.002	0	0



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

Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]	
151	MP ALPHA5	PX	.002	.002	0	0
152	KICKER4	PX	.000794	.000794	0	0
153	KICKER3	PX	.000794	.000794	0	0
154	KICKER2	PX	.000794	.000794	0	0
155	KICKER1	PX	.000794	.000794	0	0
156	FACE2	PX	.002	.002	0	0
157	FACE1	PX	.002	.002	0	0
158	FACE PL4	PX	.000883	.000883	0	0
159	FACE PL3	PX	.000883	.000883	0	0
160	FACE PL2	PX	.000883	.000883	0	0
161	FACE PL1	PX	.000883	.000883	0	0
162	DIAG2	PX	.000581	.000581	0	0
163	DIAG1	PX	.000581	.000581	0	0
164	BACK2	PX	.000911	.000911	0	0
165	BACK1	PX	.000911	.000911	0	0
166	BACK PIPE1	PX	.001	.001	0	0
167	MAFACE	PX	.002	.002	0	0
168	MASTAB1	PX	.001	.001	0	0
169	MASTAB2	PX	.001	.001	0	0
170	MASTAB3	PX	.001	.001	0	0
171	MASTAB4	PX	.001	.001	0	0
172	MATIEBACK	PX	.000804	.000804	0	0
173	VERT4 C	PX	.001	.001	0	0
174	VERT3 C	PX	.001	.001	0	0
175	VERT2 C	PX	.001	.001	0	0
176	VERT1 C	PX	.001	.001	0	0
177	TIEBACK2 C	PX	.000804	.000804	0	0
178	TIEBACK1 C	PX	.000804	.000804	0	0
179	PLATE12 C	PX	.000911	.000911	0	0
180	PLATE 11 C	PX	.000911	.000911	0	0
181	PLATE 10 C	PX	.000911	.000911	0	0
182	PLATE 9 C	PX	.000911	.000911	0	0
183	PLATE 8 C	PX	.000911	.000911	0	0
184	PLATE 7 C	PX	.000911	.000911	0	0
185	PLATE 6 C	PX	.000911	.000911	0	0
186	PLATE 5 C	PX	.000911	.000911	0	0
187	PLATE 4 C	PX	.000911	.000911	0	0
188	PLATE 3 C	PX	.000911	.000911	0	0
189	PLATE 2 C	PX	.000911	.000911	0	0
190	PLATE 1 C	PX	.000911	.000911	0	0
191	MP GAMMA4	PX	.002	.002	0	0
192	MP GAMMA3	PX	.002	.002	0	0
193	MP GAMMA2	PX	.002	.002	0	0
194	MP GAMMA5	PX	.002	.002	0	0
195	KICKER4 C	PX	.000794	.000794	0	0
196	KICKER3 C	PX	.000794	.000794	0	0
197	KICKER2 C	PX	.000794	.000794	0	0
198	KICKER1 C	PX	.000794	.000794	0	0
199	FACE2 C	PX	.002	.002	0	0
200	FACE1 C	PX	.002	.002	0	0
201	FACE PL4 C	PX	.000883	.000883	0	0
202	FACE PL3 C	PX	.000883	.000883	0	0
203	FACE PL2 C	PX	.000883	.000883	0	0
204	FACE PL1 C	PX	.000883	.000883	0	0
205	DIAG2 C	PX	.000581	.000581	0	0
206	DIAG1 C	PX	.000581	.000581	0	0
207	BACK2 C	PX	.000911	.000911	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
208	BACK1 C	PX	.000911	.000911	0	0
209	BACK PIPE1 C	PX	.001	.001	0	0
210	MCFACE	PX	.002	.002	0	0
211	MCSTAB1	PX	.001	.001	0	0
212	MCSTAB2	PX	.001	.001	0	0
213	MCSTAB3	PX	.001	.001	0	0
214	MCSTAB4	PX	.001	.001	0	0
215	MCTIEBACK	PX	.000804	.000804	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
1	VERT4	PY	.001	.001	0	0
2	VERT3	PY	.001	.001	0	0
3	VERT2	PY	.001	.001	0	0
4	VERT1	PY	.001	.001	0	0
5	TIEBACK2	PY	.000804	.000804	0	0
6	TIEBACK1	PY	.000804	.000804	0	0
7	PLATE12	PY	.000911	.000911	0	0
8	PLATE 11	PY	.000911	.000911	0	0
9	PLATE 10	PY	.000911	.000911	0	0
10	PLATE 9	PY	.000911	.000911	0	0
11	PLATE 8	PY	.000911	.000911	0	0
12	PLATE 7	PY	.000911	.000911	0	0
13	PLATE 6	PY	.000911	.000911	0	0
14	PLATE 5	PY	.000911	.000911	0	0
15	PLATE 4	PY	.000911	.000911	0	0
16	PLATE 3	PY	.000911	.000911	0	0
17	PLATE 2	PY	.000911	.000911	0	0
18	PLATE 1	PY	.000911	.000911	0	0
19	MP ALPHA4	PY	.002	.002	0	0
20	MP ALPHA3	PY	.002	.002	0	0
21	MP ALPHA2	PY	.002	.002	0	0
22	MP ALPHA5	PY	.002	.002	0	0
23	KICKER4	PY	.000794	.000794	0	0
24	KICKER3	PY	.000794	.000794	0	0
25	KICKER2	PY	.000794	.000794	0	0
26	KICKER1	PY	.000794	.000794	0	0
27	FACE2	PY	.002	.002	0	0
28	FACE1	PY	.002	.002	0	0
29	FACE PL4	PY	.000883	.000883	0	0
30	FACE PL3	PY	.000883	.000883	0	0
31	FACE PL2	PY	.000883	.000883	0	0
32	FACE PL1	PY	.000883	.000883	0	0
33	DIAG2	PY	.000581	.000581	0	0
34	DIAG1	PY	.000581	.000581	0	0
35	BACK2	PY	.000911	.000911	0	0
36	BACK1	PY	.000911	.000911	0	0
37	BACK PIPE1	PY	.001	.001	0	0
38	MAFACE	PY	.002	.002	0	0
39	MASTAB1	PY	.001	.001	0	0
40	MASTAB2	PY	.001	.001	0	0
41	MASTAB3	PY	.001	.001	0	0
42	MASTAB4	PY	.001	.001	0	0
43	MATIEBACK	PY	.000804	.000804	0	0
44	VERT4 B	PY	.001	.001	0	0
45	VERT3 B	PY	.001	.001	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
46	VERT2 B	PY	.001	.001	0	0
47	VERT1 B	PY	.001	.001	0	0
48	TIEBACK2 B	PY	.000804	.000804	0	0
49	TIEBACK1 B	PY	.000804	.000804	0	0
50	PLATE12 B	PY	.000911	.000911	0	0
51	PLATE 11 B	PY	.000911	.000911	0	0
52	PLATE 10 B	PY	.000911	.000911	0	0
53	PLATE 9 B	PY	.000911	.000911	0	0
54	PLATE 8 B	PY	.000911	.000911	0	0
55	PLATE 7 B	PY	.000911	.000911	0	0
56	PLATE 6 B	PY	.000911	.000911	0	0
57	PLATE 5 B	PY	.000911	.000911	0	0
58	PLATE 4 B	PY	.000911	.000911	0	0
59	PLATE 3 B	PY	.000911	.000911	0	0
60	PLATE 2 B	PY	.000911	.000911	0	0
61	PLATE 1 B	PY	.000911	.000911	0	0
62	MP BETA4	PY	.002	.002	0	0
63	MP BETA3	PY	.002	.002	0	0
64	MP BETA2	PY	.002	.002	0	0
65	MP BETA5	PY	.002	.002	0	0
66	KICKER4 B	PY	.000794	.000794	0	0
67	KICKER3 B	PY	.000794	.000794	0	0
68	KICKER2 B	PY	.000794	.000794	0	0
69	KICKER1 B	PY	.000794	.000794	0	0
70	FACE2 B	PY	.002	.002	0	0
71	FACE1 B	PY	.002	.002	0	0
72	FACE PL4 B	PY	.000883	.000883	0	0
73	FACE PL3 B	PY	.000883	.000883	0	0
74	FACE PL2 B	PY	.000883	.000883	0	0
75	FACE PL1 B	PY	.000883	.000883	0	0
76	DIAG2 B	PY	.000581	.000581	0	0
77	DIAG1 B	PY	.000581	.000581	0	0
78	BACK2 B	PY	.000911	.000911	0	0
79	BACK1 B	PY	.000911	.000911	0	0
80	BACK PIPE1 B	PY	.001	.001	0	0
81	MBFACE	PY	.002	.002	0	0
82	MBSTAB1	PY	.001	.001	0	0
83	MBSTAB2	PY	.001	.001	0	0
84	MBSTAB3	PY	.001	.001	0	0
85	MBSTAB4	PY	.001	.001	0	0
86	MBTIEBACK	PY	.000804	.000804	0	0
87	VERT4 C	PY	.002	.002	0	0
88	VERT3 C	PY	.002	.002	0	0
89	VERT2 C	PY	.002	.002	0	0
90	VERT1 C	PY	.002	.002	0	0
91	TIEBACK2 C	PY	.002	.002	0	0
92	TIEBACK1 C	PY	.002	.002	0	0
93	PLATE12 C	PY	.002	.002	0	0
94	PLATE 11 C	PY	.002	.002	0	0
95	PLATE 10 C	PY	.002	.002	0	0
96	PLATE 9 C	PY	.002	.002	0	0
97	PLATE 8 C	PY	.002	.002	0	0
98	PLATE 7 C	PY	.002	.002	0	0
99	PLATE 6 C	PY	.002	.002	0	0
100	PLATE 5 C	PY	.002	.002	0	0
101	PLATE 4 C	PY	.002	.002	0	0
102	PLATE 3 C	PY	.002	.002	0	0



Company : POD Group
 Designer : JMM
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 Model Name : 803934

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
103	PLATE 2 C	PY	.002	.002	0	0
104	PLATE 1 C	PY	.002	.002	0	0
105	MP GAMMA4	PY	.004	.004	0	0
106	MP GAMMA3	PY	.004	.004	0	0
107	MP GAMMA2	PY	.004	.004	0	0
108	MP GAMMA5	PY	.004	.004	0	0
109	KICKER4 C	PY	.002	.002	0	0
110	KICKER3 C	PY	.002	.002	0	0
111	KICKER2 C	PY	.002	.002	0	0
112	KICKER1 C	PY	.002	.002	0	0
113	FACE2 C	PY	.003	.003	0	0
114	FACE1 C	PY	.003	.003	0	0
115	FACE PL4 C	PY	.002	.002	0	0
116	FACE PL3 C	PY	.002	.002	0	0
117	FACE PL2 C	PY	.002	.002	0	0
118	FACE PL1 C	PY	.002	.002	0	0
119	DIAG2 C	PY	.001	.001	0	0
120	DIAG1 C	PY	.001	.001	0	0
121	BACK2 C	PY	.002	.002	0	0
122	BACK1 C	PY	.002	.002	0	0
123	BACK PIPE 1 C	PY	.002	.002	0	0
124	MCFACE	PY	.004	.004	0	0
125	MCSTAB1	PY	.003	.003	0	0
126	MCSTAB2	PY	.003	.003	0	0
127	MCSTAB3	PY	.003	.003	0	0
128	MCSTAB4	PY	.003	.003	0	0
129	MCTIEBACK	PY	.002	.002	0	0
130	VERT4	PX	.002	.002	0	0
131	VERT3	PX	.002	.002	0	0
132	VERT2	PX	.002	.002	0	0
133	VERT1	PX	.002	.002	0	0
134	TIEBACK2	PX	.001	.001	0	0
135	TIEBACK1	PX	.001	.001	0	0
136	PLATE12	PX	.002	.002	0	0
137	PLATE 11	PX	.002	.002	0	0
138	PLATE 10	PX	.002	.002	0	0
139	PLATE 9	PX	.002	.002	0	0
140	PLATE 8	PX	.002	.002	0	0
141	PLATE 7	PX	.002	.002	0	0
142	PLATE 6	PX	.002	.002	0	0
143	PLATE 5	PX	.002	.002	0	0
144	PLATE 4	PX	.002	.002	0	0
145	PLATE 3	PX	.002	.002	0	0
146	PLATE 2	PX	.002	.002	0	0
147	PLATE 1	PX	.002	.002	0	0
148	MP ALPHA4	PX	.004	.004	0	0
149	MP ALPHA3	PX	.004	.004	0	0
150	MP ALPHA2	PX	.004	.004	0	0
151	MP ALPHA5	PX	.004	.004	0	0
152	KICKER4	PX	.001	.001	0	0
153	KICKER3	PX	.001	.001	0	0
154	KICKER2	PX	.001	.001	0	0
155	KICKER1	PX	.001	.001	0	0
156	FACE2	PX	.003	.003	0	0
157	FACE1	PX	.003	.003	0	0
158	FACE PL4	PX	.002	.002	0	0
159	FACE PL3	PX	.002	.002	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
160	FACE PL2	PX	.002	.002	0	0
161	FACE PL1	PX	.002	.002	0	0
162	DIAG2	PX	.001	.001	0	0
163	DIAG1	PX	.001	.001	0	0
164	BACK2	PX	.002	.002	0	0
165	BACK1	PX	.002	.002	0	0
166	BACK PIPE1	PX	.002	.002	0	0
167	MAFACE	PX	.003	.003	0	0
168	MASTAB1	PX	.002	.002	0	0
169	MASTAB2	PX	.002	.002	0	0
170	MASTAB3	PX	.002	.002	0	0
171	MASTAB4	PX	.002	.002	0	0
172	MATIEBACK	PX	.001	.001	0	0
173	VERT4 B	PX	.002	.002	0	0
174	VERT3 B	PX	.002	.002	0	0
175	VERT2 B	PX	.002	.002	0	0
176	VERT1 B	PX	.002	.002	0	0
177	TIEBACK2 B	PX	.001	.001	0	0
178	TIEBACK1 B	PX	.001	.001	0	0
179	PLATE12 B	PX	.002	.002	0	0
180	PLATE 11 B	PX	.002	.002	0	0
181	PLATE 10 B	PX	.002	.002	0	0
182	PLATE 9 B	PX	.002	.002	0	0
183	PLATE 8 B	PX	.002	.002	0	0
184	PLATE 7 B	PX	.002	.002	0	0
185	PLATE 6 B	PX	.002	.002	0	0
186	PLATE 5 B	PX	.002	.002	0	0
187	PLATE 4 B	PX	.002	.002	0	0
188	PLATE 3 B	PX	.002	.002	0	0
189	PLATE 2 B	PX	.002	.002	0	0
190	PLATE 1 B	PX	.002	.002	0	0
191	MP BETA4	PX	.004	.004	0	0
192	MP BETA3	PX	.004	.004	0	0
193	MP BETA2	PX	.004	.004	0	0
194	MP BETA5	PX	.004	.004	0	0
195	KICKER4 B	PX	.001	.001	0	0
196	KICKER3 B	PX	.001	.001	0	0
197	KICKER2 B	PX	.001	.001	0	0
198	KICKER1 B	PX	.001	.001	0	0
199	FACE2 B	PX	.003	.003	0	0
200	FACE1 B	PX	.003	.003	0	0
201	FACE PL4 B	PX	.002	.002	0	0
202	FACE PL3 B	PX	.002	.002	0	0
203	FACE PL2 B	PX	.002	.002	0	0
204	FACE PL1 B	PX	.002	.002	0	0
205	DIAG2 B	PX	.001	.001	0	0
206	DIAG1 B	PX	.001	.001	0	0
207	BACK2 B	PX	.002	.002	0	0
208	BACK1 B	PX	.002	.002	0	0
209	BACK PIPE1 B	PX	.002	.002	0	0
210	MBFACE	PX	.003	.003	0	0
211	MBSTAB1	PX	.002	.002	0	0
212	MBSTAB2	PX	.002	.002	0	0
213	MBSTAB3	PX	.002	.002	0	0
214	MBSTAB4	PX	.002	.002	0	0
215	MBTIEBACK	PX	.001	.001	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
1	VERT4	PX	.002	.002	0	0
2	VERT3	PX	.002	.002	0	0
3	VERT2	PX	.002	.002	0	0
4	VERT1	PX	.002	.002	0	0
5	TIEBACK2	PX	.006	.006	0	0
6	TIEBACK1	PX	.006	.006	0	0
7	PLATE12	PX	.004	.004	0	0
8	PLATE 11	PX	.004	.004	0	0
9	PLATE 10	PX	.004	.004	0	0
10	PLATE 9	PX	.004	.004	0	0
11	PLATE 8	PX	.004	.004	0	0
12	PLATE 7	PX	.004	.004	0	0
13	PLATE 6	PX	.004	.004	0	0
14	PLATE 5	PX	.004	.004	0	0
15	PLATE 4	PX	.004	.004	0	0
16	PLATE 3	PX	.004	.004	0	0
17	PLATE 2	PX	.004	.004	0	0
18	PLATE 1	PX	.004	.004	0	0
19	MP ALPHA4	PX	.004	.004	0	0
20	MP ALPHA3	PX	.004	.004	0	0
21	MP ALPHA2	PX	.004	.004	0	0
22	MP ALPHA5	PX	.004	.004	0	0
23	KICKER4	PX	.006	.006	0	0
24	KICKER3	PX	.006	.006	0	0
25	KICKER2	PX	.006	.006	0	0
26	KICKER1	PX	.006	.006	0	0
27	FACE2	PX	.003	.003	0	0
28	FACE1	PX	.003	.003	0	0
29	FACE PL4	PX	.003	.003	0	0
30	FACE PL3	PX	.003	.003	0	0
31	FACE PL2	PX	.003	.003	0	0
32	FACE PL1	PX	.003	.003	0	0
33	DIAG2	PX	.004	.004	0	0
34	DIAG1	PX	.004	.004	0	0
35	BACK2	PX	.004	.004	0	0
36	BACK1	PX	.004	.004	0	0
37	BACK PIPE1	PX	.004	.004	0	0
38	MAFACE	PX	.004	.004	0	0
39	MASTAB1	PX	.005	.005	0	0
40	MASTAB2	PX	.005	.005	0	0
41	MASTAB3	PX	.005	.005	0	0
42	MASTAB4	PX	.005	.005	0	0
43	MATIEBACK	PX	.006	.006	0	0
44	VERT4 B	PY	-.002	-.002	0	0
45	VERT3 B	PY	-.002	-.002	0	0
46	VERT2 B	PY	-.002	-.002	0	0
47	VERT1 B	PY	-.002	-.002	0	0
48	TIEBACK2 B	PY	-.001	-.001	0	0
49	TIEBACK1 B	PY	-.001	-.001	0	0
50	PLATE12 B	PY	-.002	-.002	0	0
51	PLATE 11 B	PY	-.002	-.002	0	0
52	PLATE 10 B	PY	-.002	-.002	0	0
53	PLATE 9 B	PY	-.002	-.002	0	0
54	PLATE 8 B	PY	-.002	-.002	0	0
55	PLATE 7 B	PY	-.002	-.002	0	0
56	PLATE 6 B	PY	-.002	-.002	0	0
57	PLATE 5 B	PY	-.002	-.002	0	0



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

	Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]
58	PLATE 4 B	PY	-0.02	-0.02	0	0
59	PLATE 3 B	PY	-0.02	-0.02	0	0
60	PLATE 2 B	PY	-0.02	-0.02	0	0
61	PLATE 1 B	PY	-0.02	-0.02	0	0
62	MP BETA4	PY	-0.04	-0.04	0	0
63	MP BETA3	PY	-0.04	-0.04	0	0
64	MP BETA2	PY	-0.04	-0.04	0	0
65	MP BETA5	PY	-0.04	-0.04	0	0
66	KICKER4 B	PY	-0.01	-0.01	0	0
67	KICKER3 B	PY	-0.01	-0.01	0	0
68	KICKER2 B	PY	-0.01	-0.01	0	0
69	KICKER1 B	PY	-0.01	-0.01	0	0
70	FACE2 B	PY	-0.03	-0.03	0	0
71	FACE1 B	PY	-0.03	-0.03	0	0
72	FACE PL4 B	PY	-0.02	-0.02	0	0
73	FACE PL3 B	PY	-0.02	-0.02	0	0
74	FACE PL2 B	PY	-0.02	-0.02	0	0
75	FACE PL1 B	PY	-0.02	-0.02	0	0
76	DIAG2 B	PY	-0.01	-0.01	0	0
77	DIAG1 B	PY	-0.01	-0.01	0	0
78	BACK2 B	PY	-0.02	-0.02	0	0
79	BACK1 B	PY	-0.02	-0.02	0	0
80	BACK PIPE1 B	PY	-0.02	-0.02	0	0
81	MBFACE	PY	-0.03	-0.03	0	0
82	MBSTAB1	PY	-0.02	-0.02	0	0
83	MBSTAB2	PY	-0.02	-0.02	0	0
84	MBSTAB3	PY	-0.02	-0.02	0	0
85	MBSTAB4	PY	-0.02	-0.02	0	0
86	MBTIEBACK	PY	-0.01	-0.01	0	0
87	VERT4 C	PY	.002	.002	0	0
88	VERT3 C	PY	.002	.002	0	0
89	VERT2 C	PY	.002	.002	0	0
90	VERT1 C	PY	.002	.002	0	0
91	TIEBACK2 C	PY	.001	.001	0	0
92	TIEBACK1 C	PY	.001	.001	0	0
93	PLATE12 C	PY	.002	.002	0	0
94	PLATE 11 C	PY	.002	.002	0	0
95	PLATE 10 C	PY	.002	.002	0	0
96	PLATE 9 C	PY	.002	.002	0	0
97	PLATE 8 C	PY	.002	.002	0	0
98	PLATE 7 C	PY	.002	.002	0	0
99	PLATE 6 C	PY	.002	.002	0	0
100	PLATE 5 C	PY	.002	.002	0	0
101	PLATE 4 C	PY	.002	.002	0	0
102	PLATE 3 C	PY	.002	.002	0	0
103	PLATE 2 C	PY	.002	.002	0	0
104	PLATE 1 C	PY	.002	.002	0	0
105	MP GAMMA4	PY	.004	.004	0	0
106	MP GAMMA3	PY	.004	.004	0	0
107	MP GAMMA2	PY	.004	.004	0	0
108	MP GAMMA5	PY	.004	.004	0	0
109	KICKER4 C	PY	.001	.001	0	0
110	KICKER3 C	PY	.001	.001	0	0
111	KICKER2 C	PY	.001	.001	0	0
112	KICKER1 C	PY	.001	.001	0	0
113	FACE2 C	PY	.003	.003	0	0
114	FACE1 C	PY	.003	.003	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
115	FACE PL4 C	PY	.002	.002	0	0
116	FACE PL3 C	PY	.002	.002	0	0
117	FACE PL2 C	PY	.002	.002	0	0
118	FACE PL1 C	PY	.002	.002	0	0
119	DIAG2 C	PY	.001	.001	0	0
120	DIAG1 C	PY	.001	.001	0	0
121	BACK2 C	PY	.002	.002	0	0
122	BACK1 C	PY	.002	.002	0	0
123	BACK PIPE1 C	PY	.002	.002	0	0
124	MCFACE	PY	.003	.003	0	0
125	MCSTAB1	PY	.002	.002	0	0
126	MCSTAB2	PY	.002	.002	0	0
127	MCSTAB3	PY	.002	.002	0	0
128	MCSTAB4	PY	.002	.002	0	0
129	MCTIEBACK	PY	.001	.001	0	0
130	VERT4 B	PX	.001	.001	0	0
131	VERT3 B	PX	.001	.001	0	0
132	VERT2 B	PX	.001	.001	0	0
133	VERT1 B	PX	.001	.001	0	0
134	TIEBACK2 B	PX	.000804	.000804	0	0
135	TIEBACK1 B	PX	.000804	.000804	0	0
136	PLATE12 B	PX	.000911	.000911	0	0
137	PLATE 11 B	PX	.000911	.000911	0	0
138	PLATE 10 B	PX	.000911	.000911	0	0
139	PLATE 9 B	PX	.000911	.000911	0	0
140	PLATE 8 B	PX	.000911	.000911	0	0
141	PLATE 7 B	PX	.000911	.000911	0	0
142	PLATE 6 B	PX	.000911	.000911	0	0
143	PLATE 5 B	PX	.000911	.000911	0	0
144	PLATE 4 B	PX	.000911	.000911	0	0
145	PLATE 3 B	PX	.000911	.000911	0	0
146	PLATE 2 B	PX	.000911	.000911	0	0
147	PLATE 1 B	PX	.000911	.000911	0	0
148	MP BETA4	PX	.002	.002	0	0
149	MP BETA3	PX	.002	.002	0	0
150	MP BETA2	PX	.002	.002	0	0
151	MP BETA5	PX	.002	.002	0	0
152	KICKER4 B	PX	.000794	.000794	0	0
153	KICKER3 B	PX	.000794	.000794	0	0
154	KICKER2 B	PX	.000794	.000794	0	0
155	KICKER1 B	PX	.000794	.000794	0	0
156	FACE2 B	PX	.002	.002	0	0
157	FACE1 B	PX	.002	.002	0	0
158	FACE PL4 B	PX	.000883	.000883	0	0
159	FACE PL3 B	PX	.000883	.000883	0	0
160	FACE PL2 B	PX	.000883	.000883	0	0
161	FACE PL1 B	PX	.000883	.000883	0	0
162	DIAG2 B	PX	.000581	.000581	0	0
163	DIAG1 B	PX	.000581	.000581	0	0
164	BACK2 B	PX	.000911	.000911	0	0
165	BACK1 B	PX	.000911	.000911	0	0
166	BACK PIPE1 B	PX	.001	.001	0	0
167	MBFACE	PX	.002	.002	0	0
168	MBSTAB1	PX	.001	.001	0	0
169	MBSTAB2	PX	.001	.001	0	0
170	MBSTAB3	PX	.001	.001	0	0
171	MBSTAB4	PX	.001	.001	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
172	MBTIEBACK	PX	.000804	.000804	0	0
173	VERT4 C	PX	.001	.001	0	0
174	VERT3 C	PX	.001	.001	0	0
175	VERT2 C	PX	.001	.001	0	0
176	VERT1 C	PX	.001	.001	0	0
177	TIEBACK2 C	PX	.000804	.000804	0	0
178	TIEBACK1 C	PX	.000804	.000804	0	0
179	PLATE12 C	PX	.000911	.000911	0	0
180	PLATE 11 C	PX	.000911	.000911	0	0
181	PLATE 10 C	PX	.000911	.000911	0	0
182	PLATE 9 C	PX	.000911	.000911	0	0
183	PLATE 8 C	PX	.000911	.000911	0	0
184	PLATE 7 C	PX	.000911	.000911	0	0
185	PLATE 6 C	PX	.000911	.000911	0	0
186	PLATE 5 C	PX	.000911	.000911	0	0
187	PLATE 4 C	PX	.000911	.000911	0	0
188	PLATE 3 C	PX	.000911	.000911	0	0
189	PLATE 2 C	PX	.000911	.000911	0	0
190	PLATE 1 C	PX	.000911	.000911	0	0
191	MP GAMMA4	PX	.002	.002	0	0
192	MP GAMMA3	PX	.002	.002	0	0
193	MP GAMMA2	PX	.002	.002	0	0
194	MP GAMMA5	PX	.002	.002	0	0
195	KICKER4 C	PX	.000794	.000794	0	0
196	KICKER3 C	PX	.000794	.000794	0	0
197	KICKER2 C	PX	.000794	.000794	0	0
198	KICKER1 C	PX	.000794	.000794	0	0
199	FACE2 C	PX	.002	.002	0	0
200	FACE1 C	PX	.002	.002	0	0
201	FACE PL4 C	PX	.000883	.000883	0	0
202	FACE PL3 C	PX	.000883	.000883	0	0
203	FACE PL2 C	PX	.000883	.000883	0	0
204	FACE PL1 C	PX	.000883	.000883	0	0
205	DIAG2 C	PX	.000581	.000581	0	0
206	DIAG1 C	PX	.000581	.000581	0	0
207	BACK2 C	PX	.000911	.000911	0	0
208	BACK1 C	PX	.000911	.000911	0	0
209	BACK PIPE1 C	PX	.001	.001	0	0
210	MCFACE	PX	.002	.002	0	0
211	MCSTAB1	PX	.001	.001	0	0
212	MCSTAB2	PX	.001	.001	0	0
213	MCSTAB3	PX	.001	.001	0	0
214	MCSTAB4	PX	.001	.001	0	0
215	MCTIEBACK	PX	.000804	.000804	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft.%]	End Location[ft.%]
1	VERT4	PY	-.001	-.001	0	0
2	VERT3	PY	-.001	-.001	0	0
3	VERT2	PY	-.001	-.001	0	0
4	VERT1	PY	-.001	-.001	0	0
5	TIEBACK2	PY	-.000804	-.000804	0	0
6	TIEBACK1	PY	-.000804	-.000804	0	0
7	PLATE12	PY	-.000911	-.000911	0	0
8	PLATE 11	PY	-.000911	-.000911	0	0
9	PLATE 10	PY	-.000911	-.000911	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
10	PLATE 9	PY	-0.00911	-0.00911	0	0
11	PLATE 8	PY	-0.00911	-0.00911	0	0
12	PLATE 7	PY	-0.00911	-0.00911	0	0
13	PLATE 6	PY	-0.00911	-0.00911	0	0
14	PLATE 5	PY	-0.00911	-0.00911	0	0
15	PLATE 4	PY	-0.00911	-0.00911	0	0
16	PLATE 3	PY	-0.00911	-0.00911	0	0
17	PLATE 2	PY	-0.00911	-0.00911	0	0
18	PLATE 1	PY	-0.00911	-0.00911	0	0
19	MP ALPHA4	PY	-0.002	-0.002	0	0
20	MP ALPHA3	PY	-0.002	-0.002	0	0
21	MP ALPHA2	PY	-0.002	-0.002	0	0
22	MP ALPHA5	PY	-0.002	-0.002	0	0
23	KICKER4	PY	-0.00794	-0.00794	0	0
24	KICKER3	PY	-0.00794	-0.00794	0	0
25	KICKER2	PY	-0.00794	-0.00794	0	0
26	KICKER1	PY	-0.00794	-0.00794	0	0
27	FACE2	PY	-0.002	-0.002	0	0
28	FACE1	PY	-0.002	-0.002	0	0
29	FACE PL4	PY	-0.00883	-0.00883	0	0
30	FACE PL3	PY	-0.00883	-0.00883	0	0
31	FACE PL2	PY	-0.00883	-0.00883	0	0
32	FACE PL1	PY	-0.00883	-0.00883	0	0
33	DIAG2	PY	-0.00581	-0.00581	0	0
34	DIAG1	PY	-0.00581	-0.00581	0	0
35	BACK2	PY	-0.00911	-0.00911	0	0
36	BACK1	PY	-0.00911	-0.00911	0	0
37	BACK PIPE1	PY	-0.001	-0.001	0	0
38	MAFACE	PY	-0.002	-0.002	0	0
39	MASTAB1	PY	-0.001	-0.001	0	0
40	MASTAB2	PY	-0.001	-0.001	0	0
41	MASTAB3	PY	-0.001	-0.001	0	0
42	MASTAB4	PY	-0.001	-0.001	0	0
43	MATIEBACK	PY	-0.00804	-0.00804	0	0
44	VERT4 B	PY	-0.002	-0.002	0	0
45	VERT3 B	PY	-0.002	-0.002	0	0
46	VERT2 B	PY	-0.002	-0.002	0	0
47	VERT1 B	PY	-0.002	-0.002	0	0
48	TIEBACK2 B	PY	-0.002	-0.002	0	0
49	TIEBACK1 B	PY	-0.002	-0.002	0	0
50	PLATE 12 B	PY	-0.002	-0.002	0	0
51	PLATE 11 B	PY	-0.002	-0.002	0	0
52	PLATE 10 B	PY	-0.002	-0.002	0	0
53	PLATE 9 B	PY	-0.002	-0.002	0	0
54	PLATE 8 B	PY	-0.002	-0.002	0	0
55	PLATE 7 B	PY	-0.002	-0.002	0	0
56	PLATE 6 B	PY	-0.002	-0.002	0	0
57	PLATE 5 B	PY	-0.002	-0.002	0	0
58	PLATE 4 B	PY	-0.002	-0.002	0	0
59	PLATE 3 B	PY	-0.002	-0.002	0	0
60	PLATE 2 B	PY	-0.002	-0.002	0	0
61	PLATE 1 B	PY	-0.002	-0.002	0	0
62	MP BETA4	PY	-0.004	-0.004	0	0
63	MP BETA3	PY	-0.004	-0.004	0	0
64	MP BETA2	PY	-0.004	-0.004	0	0
65	MP BETA5	PY	-0.004	-0.004	0	0
66	KICKER4 B	PY	-0.002	-0.002	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
67	KICKER3 B	PY	-0.02	-0.02	0	0
68	KICKER2 B	PY	-0.02	-0.02	0	0
69	KICKER1 B	PY	-0.02	-0.02	0	0
70	FACE2 B	PY	-0.03	-0.03	0	0
71	FACE1 B	PY	-0.03	-0.03	0	0
72	FACE PL4 B	PY	-0.02	-0.02	0	0
73	FACE PL3 B	PY	-0.02	-0.02	0	0
74	FACE PL2 B	PY	-0.02	-0.02	0	0
75	FACE PL1 B	PY	-0.02	-0.02	0	0
76	DIAG2 B	PY	-0.01	-0.01	0	0
77	DIAG1 B	PY	-0.01	-0.01	0	0
78	BACK2 B	PY	-0.02	-0.02	0	0
79	BACK1 B	PY	-0.02	-0.02	0	0
80	BACK PIPE1 B	PY	-0.02	-0.02	0	0
81	MBFACE	PY	-0.04	-0.04	0	0
82	MBSTAB1	PY	-0.03	-0.03	0	0
83	MBSTAB2	PY	-0.03	-0.03	0	0
84	MBSTAB3	PY	-0.03	-0.03	0	0
85	MBSTAB4	PY	-0.03	-0.03	0	0
86	MBTIEBACK	PY	-0.02	-0.02	0	0
87	VERT4 C	PY	-0.01	-0.01	0	0
88	VERT3 C	PY	-0.01	-0.01	0	0
89	VERT2 C	PY	-0.01	-0.01	0	0
90	VERT1 C	PY	-0.01	-0.01	0	0
91	TIEBACK2 C	PY	-0.00804	-0.00804	0	0
92	TIEBACK1 C	PY	-0.00804	-0.00804	0	0
93	PLATE12 C	PY	-0.00911	-0.00911	0	0
94	PLATE 11 C	PY	-0.00911	-0.00911	0	0
95	PLATE 10 C	PY	-0.00911	-0.00911	0	0
96	PLATE 9 C	PY	-0.00911	-0.00911	0	0
97	PLATE 8 C	PY	-0.00911	-0.00911	0	0
98	PLATE 7 C	PY	-0.00911	-0.00911	0	0
99	PLATE 6 C	PY	-0.00911	-0.00911	0	0
100	PLATE 5 C	PY	-0.00911	-0.00911	0	0
101	PLATE 4 C	PY	-0.00911	-0.00911	0	0
102	PLATE 3 C	PY	-0.00911	-0.00911	0	0
103	PLATE 2 C	PY	-0.00911	-0.00911	0	0
104	PLATE 1 C	PY	-0.00911	-0.00911	0	0
105	MP GAMMA4	PY	-0.02	-0.02	0	0
106	MP GAMMA3	PY	-0.02	-0.02	0	0
107	MP GAMMA2	PY	-0.02	-0.02	0	0
108	MP GAMMA5	PY	-0.02	-0.02	0	0
109	KICKER4 C	PY	-0.00794	-0.00794	0	0
110	KICKER3 C	PY	-0.00794	-0.00794	0	0
111	KICKER2 C	PY	-0.00794	-0.00794	0	0
112	KICKER1 C	PY	-0.00794	-0.00794	0	0
113	FACE2 C	PY	-0.02	-0.02	0	0
114	FACE1 C	PY	-0.02	-0.02	0	0
115	FACE PL4 C	PY	-0.00883	-0.00883	0	0
116	FACE PL3 C	PY	-0.00883	-0.00883	0	0
117	FACE PL2 C	PY	-0.00883	-0.00883	0	0
118	FACE PL1 C	PY	-0.00883	-0.00883	0	0
119	DIAG2 C	PY	-0.00581	-0.00581	0	0
120	DIAG1 C	PY	-0.00581	-0.00581	0	0
121	BACK2 C	PY	-0.00911	-0.00911	0	0
122	BACK1 C	PY	-0.00911	-0.00911	0	0
123	BACK PIPE1 C	PY	-0.01	-0.01	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
124	MCFACE	PY	-0.002	-0.002	0	0
125	MCSTAB1	PY	-0.001	-0.001	0	0
126	MCSTAB2	PY	-0.001	-0.001	0	0
127	MCSTAB3	PY	-0.001	-0.001	0	0
128	MCSTAB4	PY	-0.001	-0.001	0	0
129	MCTIEBACK	PY	-0.000804	-0.000804	0	0
130	VERT4	PX	.002	.002	0	0
131	VERT3	PX	.002	.002	0	0
132	VERT2	PX	.002	.002	0	0
133	VERT1	PX	.002	.002	0	0
134	TIEBACK2	PX	.001	.001	0	0
135	TIEBACK1	PX	.001	.001	0	0
136	PLATE12	PX	.002	.002	0	0
137	PLATE 11	PX	.002	.002	0	0
138	PLATE 10	PX	.002	.002	0	0
139	PLATE 9	PX	.002	.002	0	0
140	PLATE 8	PX	.002	.002	0	0
141	PLATE 7	PX	.002	.002	0	0
142	PLATE 6	PX	.002	.002	0	0
143	PLATE 5	PX	.002	.002	0	0
144	PLATE 4	PX	.002	.002	0	0
145	PLATE 3	PX	.002	.002	0	0
146	PLATE 2	PX	.002	.002	0	0
147	PLATE 1	PX	.002	.002	0	0
148	MP ALPHA4	PX	.004	.004	0	0
149	MP ALPHA3	PX	.004	.004	0	0
150	MP ALPHA2	PX	.004	.004	0	0
151	MP ALPHA5	PX	.004	.004	0	0
152	KICKER4	PX	.001	.001	0	0
153	KICKER3	PX	.001	.001	0	0
154	KICKER2	PX	.001	.001	0	0
155	KICKER1	PX	.001	.001	0	0
156	FACE2	PX	.003	.003	0	0
157	FACE1	PX	.003	.003	0	0
158	FACE PL4	PX	.002	.002	0	0
159	FACE PL3	PX	.002	.002	0	0
160	FACE PL2	PX	.002	.002	0	0
161	FACE PL1	PX	.002	.002	0	0
162	DIAG2	PX	.001	.001	0	0
163	DIAG1	PX	.001	.001	0	0
164	BACK2	PX	.002	.002	0	0
165	BACK1	PX	.002	.002	0	0
166	BACK PIPE1	PX	.002	.002	0	0
167	MAFACE	PX	.003	.003	0	0
168	MASTAB1	PX	.002	.002	0	0
169	MASTAB2	PX	.002	.002	0	0
170	MASTAB3	PX	.002	.002	0	0
171	MASTAB4	PX	.002	.002	0	0
172	MATIEBACK	PX	.001	.001	0	0
173	VERT4 C	PX	.002	.002	0	0
174	VERT3 C	PX	.002	.002	0	0
175	VERT2 C	PX	.002	.002	0	0
176	VERT1 C	PX	.002	.002	0	0
177	TIEBACK2 C	PX	.001	.001	0	0
178	TIEBACK1 C	PX	.001	.001	0	0
179	PLATE12 C	PX	.002	.002	0	0
180	PLATE 11 C	PX	.002	.002	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
181	PLATE 10 C	PX	.002	.002	0	0
182	PLATE 9 C	PX	.002	.002	0	0
183	PLATE 8 C	PX	.002	.002	0	0
184	PLATE 7 C	PX	.002	.002	0	0
185	PLATE 6 C	PX	.002	.002	0	0
186	PLATE 5 C	PX	.002	.002	0	0
187	PLATE 4 C	PX	.002	.002	0	0
188	PLATE 3 C	PX	.002	.002	0	0
189	PLATE 2 C	PX	.002	.002	0	0
190	PLATE 1 C	PX	.002	.002	0	0
191	MP GAMMA4	PX	.004	.004	0	0
192	MP GAMMA3	PX	.004	.004	0	0
193	MP GAMMA2	PX	.004	.004	0	0
194	MP GAMMA5	PX	.004	.004	0	0
195	KICKER4 C	PX	.001	.001	0	0
196	KICKER3 C	PX	.001	.001	0	0
197	KICKER2 C	PX	.001	.001	0	0
198	KICKER1 C	PX	.001	.001	0	0
199	FACE2 C	PX	.003	.003	0	0
200	FACE1 C	PX	.003	.003	0	0
201	FACE PL4 C	PX	.002	.002	0	0
202	FACE PL3 C	PX	.002	.002	0	0
203	FACE PL2 C	PX	.002	.002	0	0
204	FACE PL1 C	PX	.002	.002	0	0
205	DIAG2 C	PX	.001	.001	0	0
206	DIAG1 C	PX	.001	.001	0	0
207	BACK2 C	PX	.002	.002	0	0
208	BACK1 C	PX	.002	.002	0	0
209	BACK PIPE1 C	PX	.002	.002	0	0
210	MCFACE	PX	.003	.003	0	0
211	MCSTAB1	PX	.002	.002	0	0
212	MCSTAB2	PX	.002	.002	0	0
213	MCSTAB3	PX	.002	.002	0	0
214	MCSTAB4	PX	.002	.002	0	0
215	MCTIEBACK	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
1	VERT4	PY	-.002	-.002	0	0
2	VERT3	PY	-.002	-.002	0	0
3	VERT2	PY	-.002	-.002	0	0
4	VERT1	PY	-.002	-.002	0	0
5	TIEBACK2	PY	-.001	-.001	0	0
6	TIEBACK1	PY	-.001	-.001	0	0
7	PLATE12	PY	-.002	-.002	0	0
8	PLATE 11	PY	-.002	-.002	0	0
9	PLATE 10	PY	-.002	-.002	0	0
10	PLATE 9	PY	-.002	-.002	0	0
11	PLATE 8	PY	-.002	-.002	0	0
12	PLATE 7	PY	-.002	-.002	0	0
13	PLATE 6	PY	-.002	-.002	0	0
14	PLATE 5	PY	-.002	-.002	0	0
15	PLATE 4	PY	-.002	-.002	0	0
16	PLATE 3	PY	-.002	-.002	0	0
17	PLATE 2	PY	-.002	-.002	0	0
18	PLATE 1	PY	-.002	-.002	0	0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft, %]	End Location[ft, %]
19	MP ALPHA4	PY	-0.04	-0.04	0	0
20	MP ALPHA3	PY	-0.04	-0.04	0	0
21	MP ALPHA2	PY	-0.04	-0.04	0	0
22	MP ALPHA5	PY	-0.04	-0.04	0	0
23	KICKER4	PY	-0.01	-0.01	0	0
24	KICKER3	PY	-0.01	-0.01	0	0
25	KICKER2	PY	-0.01	-0.01	0	0
26	KICKER1	PY	-0.01	-0.01	0	0
27	FACE2	PY	-0.03	-0.03	0	0
28	FACE1	PY	-0.03	-0.03	0	0
29	FACE PL4	PY	-0.02	-0.02	0	0
30	FACE PL3	PY	-0.02	-0.02	0	0
31	FACE PL2	PY	-0.02	-0.02	0	0
32	FACE PL1	PY	-0.02	-0.02	0	0
33	DIAG2	PY	-0.01	-0.01	0	0
34	DIAG1	PY	-0.01	-0.01	0	0
35	BACK2	PY	-0.02	-0.02	0	0
36	BACK1	PY	-0.02	-0.02	0	0
37	BACK PIPE1	PY	-0.02	-0.02	0	0
38	MAFACE	PY	-0.03	-0.03	0	0
39	MASTAB1	PY	-0.02	-0.02	0	0
40	MASTAB2	PY	-0.02	-0.02	0	0
41	MASTAB3	PY	-0.02	-0.02	0	0
42	MASTAB4	PY	-0.02	-0.02	0	0
43	MATIEBACK	PY	-0.01	-0.01	0	0
44	VERT4 B	PY	-0.02	-0.02	0	0
45	VERT3 B	PY	-0.02	-0.02	0	0
46	VERT2 B	PY	-0.02	-0.02	0	0
47	VERT1 B	PY	-0.02	-0.02	0	0
48	TIEBACK2 B	PY	-0.01	-0.01	0	0
49	TIEBACK1 B	PY	-0.01	-0.01	0	0
50	PLATE12 B	PY	-0.02	-0.02	0	0
51	PLATE 11 B	PY	-0.02	-0.02	0	0
52	PLATE 10 B	PY	-0.02	-0.02	0	0
53	PLATE 9 B	PY	-0.02	-0.02	0	0
54	PLATE 8 B	PY	-0.02	-0.02	0	0
55	PLATE 7 B	PY	-0.02	-0.02	0	0
56	PLATE 6 B	PY	-0.02	-0.02	0	0
57	PLATE 5 B	PY	-0.02	-0.02	0	0
58	PLATE 4 B	PY	-0.02	-0.02	0	0
59	PLATE 3 B	PY	-0.02	-0.02	0	0
60	PLATE 2 B	PY	-0.02	-0.02	0	0
61	PLATE 1 B	PY	-0.02	-0.02	0	0
62	MP BETA4	PY	-0.04	-0.04	0	0
63	MP BETA3	PY	-0.04	-0.04	0	0
64	MP BETA2	PY	-0.04	-0.04	0	0
65	MP BETA5	PY	-0.04	-0.04	0	0
66	KICKER4 B	PY	-0.01	-0.01	0	0
67	KICKER3 B	PY	-0.01	-0.01	0	0
68	KICKER2 B	PY	-0.01	-0.01	0	0
69	KICKER1 B	PY	-0.01	-0.01	0	0
70	FACE2 B	PY	-0.03	-0.03	0	0
71	FACE1 B	PY	-0.03	-0.03	0	0
72	FACE PL4 B	PY	-0.02	-0.02	0	0
73	FACE PL3 B	PY	-0.02	-0.02	0	0
74	FACE PL2 B	PY	-0.02	-0.02	0	0
75	FACE PL1 B	PY	-0.02	-0.02	0	0



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

Member Label	Direction	Start Magnitude[k/ft...]	End Magnitude[k/ft...]	Start Location[ft,%]	End Location[ft,%]	
76	DIAG2 B	PY	-0.01	-0.01	0	0
77	DIAG1 B	PY	-0.01	-0.01	0	0
78	BACK2 B	PY	-0.02	-0.02	0	0
79	BACK1 B	PY	-0.02	-0.02	0	0
80	BACK PIPE1 B	PY	-0.02	-0.02	0	0
81	MBFACE	PY	-0.03	-0.03	0	0
82	MBSTAB1	PY	-0.02	-0.02	0	0
83	MBSTAB2	PY	-0.02	-0.02	0	0
84	MBSTAB3	PY	-0.02	-0.02	0	0
85	MBSTAB4	PY	-0.02	-0.02	0	0
86	MBTIEBACK	PY	-0.01	-0.01	0	0
87	VERT4 C	PX	.002	.002	0	0
88	VERT3 C	PX	.002	.002	0	0
89	VERT2 C	PX	.002	.002	0	0
90	VERT1 C	PX	.002	.002	0	0
91	TIEBACK2 C	PX	.006	.006	0	0
92	TIEBACK1 C	PX	.006	.006	0	0
93	PLATE12 C	PX	.004	.004	0	0
94	PLATE 11 C	PX	.004	.004	0	0
95	PLATE 10 C	PX	.004	.004	0	0
96	PLATE 9 C	PX	.004	.004	0	0
97	PLATE 8 C	PX	.004	.004	0	0
98	PLATE 7 C	PX	.004	.004	0	0
99	PLATE 6 C	PX	.004	.004	0	0
100	PLATE 5 C	PX	.004	.004	0	0
101	PLATE 4 C	PX	.004	.004	0	0
102	PLATE 3 C	PX	.004	.004	0	0
103	PLATE 2 C	PX	.004	.004	0	0
104	PLATE 1 C	PX	.004	.004	0	0
105	MP GAMMA4	PX	.004	.004	0	0
106	MP GAMMA3	PX	.004	.004	0	0
107	MP GAMMA2	PX	.004	.004	0	0
108	MP GAMMA5	PX	.004	.004	0	0
109	KICKER4 C	PX	.006	.006	0	0
110	KICKER3 C	PX	.006	.006	0	0
111	KICKER2 C	PX	.006	.006	0	0
112	KICKER1 C	PX	.006	.006	0	0
113	FACE2 C	PX	.003	.003	0	0
114	FACE1 C	PX	.003	.003	0	0
115	FACE PL4 C	PX	.003	.003	0	0
116	FACE PL3 C	PX	.003	.003	0	0
117	FACE PL2 C	PX	.003	.003	0	0
118	FACE PL1 C	PX	.003	.003	0	0
119	DIAG2 C	PX	.004	.004	0	0
120	DIAG1 C	PX	.004	.004	0	0
121	BACK2 C	PX	.004	.004	0	0
122	BACK1 C	PX	.004	.004	0	0
123	BACK PIPE1 C	PX	.004	.004	0	0
124	MCFACE	PX	.004	.004	0	0
125	MCSTAB1	PX	.005	.005	0	0
126	MCSTAB2	PX	.005	.005	0	0
127	MCSTAB3	PX	.005	.005	0	0
128	MCSTAB4	PX	.005	.005	0	0
129	MCTIEBACK	PX	.006	.006	0	0
130	VERT4	PX	.001	.001	0	0
131	VERT3	PX	.001	.001	0	0
132	VERT2	PX	.001	.001	0	0



Company : POD Group
 Designer : JMM
 Job Number : 22-129726
 Model Name : 803934

May 13, 2022
 8:22 AM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/f...	Start Location[ft, %]	End Location[ft, %]
133	VERT1	PX	.001	.001	0 0
134	TIEBACK2	PX	.000804	.000804	0 0
135	TIEBACK1	PX	.000804	.000804	0 0
136	PLATE12	PX	.000911	.000911	0 0
137	PLATE 11	PX	.000911	.000911	0 0
138	PLATE 10	PX	.000911	.000911	0 0
139	PLATE 9	PX	.000911	.000911	0 0
140	PLATE 8	PX	.000911	.000911	0 0
141	PLATE 7	PX	.000911	.000911	0 0
142	PLATE 6	PX	.000911	.000911	0 0
143	PLATE 5	PX	.000911	.000911	0 0
144	PLATE 4	PX	.000911	.000911	0 0
145	PLATE 3	PX	.000911	.000911	0 0
146	PLATE 2	PX	.000911	.000911	0 0
147	PLATE 1	PX	.000911	.000911	0 0
148	MP ALPHA4	PX	.002	.002	0 0
149	MP ALPHA3	PX	.002	.002	0 0
150	MP ALPHA2	PX	.002	.002	0 0
151	MP ALPHA5	PX	.002	.002	0 0
152	KICKER4	PX	.000794	.000794	0 0
153	KICKER3	PX	.000794	.000794	0 0
154	KICKER2	PX	.000794	.000794	0 0
155	KICKER1	PX	.000794	.000794	0 0
156	FACE2	PX	.002	.002	0 0
157	FACE1	PX	.002	.002	0 0
158	FACE PL4	PX	.000883	.000883	0 0
159	FACE PL3	PX	.000883	.000883	0 0
160	FACE PL2	PX	.000883	.000883	0 0
161	FACE PL1	PX	.000883	.000883	0 0
162	DIAG2	PX	.000581	.000581	0 0
163	DIAG1	PX	.000581	.000581	0 0
164	BACK2	PX	.000911	.000911	0 0
165	BACK1	PX	.000911	.000911	0 0
166	BACK PIPE1	PX	.001	.001	0 0
167	MAFACE	PX	.002	.002	0 0
168	MASTAB1	PX	.001	.001	0 0
169	MASTAB2	PX	.001	.001	0 0
170	MASTAB3	PX	.001	.001	0 0
171	MASTAB4	PX	.001	.001	0 0
172	MATIEBACK	PX	.000804	.000804	0 0
173	VERT4 B	PX	.001	.001	0 0
174	VERT3 B	PX	.001	.001	0 0
175	VERT2 B	PX	.001	.001	0 0
176	VERT1 B	PX	.001	.001	0 0
177	TIEBACK2 B	PX	.000804	.000804	0 0
178	TIEBACK1 B	PX	.000804	.000804	0 0
179	PLATE12 B	PX	.000911	.000911	0 0
180	PLATE 11 B	PX	.000911	.000911	0 0
181	PLATE 10 B	PX	.000911	.000911	0 0
182	PLATE 9 B	PX	.000911	.000911	0 0
183	PLATE 8 B	PX	.000911	.000911	0 0
184	PLATE 7 B	PX	.000911	.000911	0 0
185	PLATE 6 B	PX	.000911	.000911	0 0
186	PLATE 5 B	PX	.000911	.000911	0 0
187	PLATE 4 B	PX	.000911	.000911	0 0
188	PLATE 3 B	PX	.000911	.000911	0 0
189	PLATE 2 B	PX	.000911	.000911	0 0



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

	Member Label	Direction	Start Magnitude[k/f...	End Magnitude[k/ft...	Start Location[ft,%]	End Location[ft,%]
190	PLATE 1 B	PX	.000911	.000911	0	0
191	MP BETA4	PX	.002	.002	0	0
192	MP BETA3	PX	.002	.002	0	0
193	MP BETA2	PX	.002	.002	0	0
194	MP BETA5	PX	.002	.002	0	0
195	KICKER4 B	PX	.000794	.000794	0	0
196	KICKER3 B	PX	.000794	.000794	0	0
197	KICKER2 B	PX	.000794	.000794	0	0
198	KICKER1 B	PX	.000794	.000794	0	0
199	FACE2 B	PX	.002	.002	0	0
200	FACE1 B	PX	.002	.002	0	0
201	FACE PL4 B	PX	.000883	.000883	0	0
202	FACE PL3 B	PX	.000883	.000883	0	0
203	FACE PL2 B	PX	.000883	.000883	0	0
204	FACE PL1 B	PX	.000883	.000883	0	0
205	DIAG2 B	PX	.000581	.000581	0	0
206	DIAG1 B	PX	.000581	.000581	0	0
207	BACK2 B	PX	.000911	.000911	0	0
208	BACK1 B	PX	.000911	.000911	0	0
209	BACK PIPE1 B	PX	.001	.001	0	0
210	MBFACE	PX	.002	.002	0	0
211	MBSTAB1	PX	.001	.001	0	0
212	MBSTAB2	PX	.001	.001	0	0
213	MBSTAB3	PX	.001	.001	0	0
214	MBSTAB4	PX	.001	.001	0	0
215	MBTIEBACK	PX	.000804	.000804	0	0

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	N97C	max	4.529	29	5.897	5	2.228	33	.679	5	2.736	14	1.132	29
2		min	-5.199	14	-2.715	26	.43	17	-0.854	26	-2.22	29	-1.3	14
3	N98B	max	.127	29	1.275	5	2.311	24	-.021	17	.694	29	.032	29
4		min	-.52	10	-4.291	24	-.367	5	-.285	30	-.703	14	-.13	10
5	N186	max	4.939	14	5.532	26	1.935	15	3.016	26	1.808	5	1.522	8
6		min	-3.197	5	-5.947	8	.499	32	-2.581	8	-1.444	26	-1.58	26
7	N187	max	1.199	14	2.062	30	2.031	33	.944	8	.513	26	.116	8
8		min	-3.396	32	-.351	11	-.325	14	-.788	26	-.373	8	-.132	23
9	N283	max	4.139	8	4.971	14	1.993	27	2.49	14	1.295	26	1.29	14
10		min	-6.799	26	-4.803	32	.316	8	-2.129	35	-1.65	5	-1.199	5
11	N284	max	3.441	8	1.969	11	2.007	9	.696	35	.368	5	.105	17
12		min	-.681	26	-.847	29	-.249	26	-.664	17	-.502	14	-.129	32
13	N295	max	1.569	8	1.815	5	.586	5	.552	26	.44	35	1.138	17
14		min	-2.379	26	-2.128	23	-.632	23	-.507	17	-.404	17	-1.109	26
15	N332A	max	.821	25	.92	30	.671	30	.272	35	1.08	26	1.274	17
16		min	-.164	5	-.206	17	.099	17	-.517	17	-.796	17	-1.369	26
17	N334B	max	1.972	14	1.943	5	.348	29	.726	5	.281	14	.829	5
18		min	-1.337	29	-1.865	23	-.324	14	-.592	23	-.39	5	-.669	23
19	N342	max	.063	5	.572	13	.522	36	1.258	5	-.008	23	1.323	5
20		min	-.917	21	-.223	32	0	26	-1.083	23	-.369	6	-1.142	23
21	N350	max	1.22	14	2.805	35	.509	17	.118	14	.598	26	.979	26
22		min	-1.349	29	-1.908	17	-.564	35	-.055	29	-.634	35	-.908	8
23	N358	max	.453	11	.082	17	.532	21	.666	35	.863	26	1.088	26
24		min	-.191	29	-.994	33	.088	14	-.326	26	-.719	35	-1.08	35
25	Totals:	max	6.625	11	6.715	2	12.742	33						
26		min	-6.625	29	-6.715	20	5.307	26						

Load Combinations (Continued)

	Description	Solve	PDe	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
10	1.2D + 1.5L + 1.0Wi(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 + 1.0Wi(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 + 1.0Wi(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 + 1.0Wi(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 + 1.0Wi(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 + 1.0Wi(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 + 1.0Wi(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 + 1.0Wi(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 + 1.0Wi(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 + 1.0Wi(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										

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

Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Lo...	Dir	LC	phi*...	phi*...	phi*...	phi*...	Cb	Eqn	
1	PLATE 7	PL4x0.5	.434	.25	33	.902	.5	y	5	79.3...	90	.938	7.5	1.439	H1-1b
2	PLATE 7 C	PL4x0.5	.409	.25	27	.900	.5	y	26	79.3...	90	.938	7.5	1.426	H1-1b
3	PLATE 7 B	PL4x0.5	.364	.25	18	.873	.5	y	14	79.3...	90	.938	7.5	1.417	H1-1b
4	PLATE 1	PL4x0.5	.451	.25	27	.832	0	y	26	79.3...	90	.938	7.5	1.493	H1-1b
5	PLATE 1 B	PL4x0.5	.401	.25	33	.764	0	y	35	79.3...	90	.938	7.5	1.48	H1-1b
6	PLATE 1 C	PL4x0.5	.372	.25	15	.725	0	y	14	79.3...	90	.938	7.5	1.512	H1-1b
7	PLATE 4	PL4x0.5	.834	.25	26	.516	.256	y	24	79.2...	90	.938	7.5	1.687	H1-1b
8	PLATE 10	PL4x0.5	.693	.25	5	.508	.256	y	33	79.2...	90	.938	7.5	2.164	H1-1b
9	PLATE 10 C	PL4x0.5	.648	.25	26	.460	.256	y	27	79.2...	90	.938	7.5	1.614	H1-1b
10	PLATE 4 B	PL4x0.5	.725	.25	35	.458	.256	y	33	79.2...	90	.938	7.5	1.704	H1-1b
11	PLATE 4 C	PL4x0.5	.737	.25	14	.443	.256	y	9	79.2...	90	.938	7.5	1.609	H1-1b
12	PLATE 10 B	PL4x0.5	.645	.25	14	.433	.256	y	9	79.2...	90	.938	7.5	1.979	H1-1b
13	FACE PL2 C	PL6x0...	.595	.25	26	.363	.25	y	26	95.6...	101....	.791	12.6...	1.292	H1-1b
14	BACK2 C	PL_6x...	.386	.5	27	.359	.5	y	26	81.4...	135	1.406	16.8...	1.329	H1-1b
15	BACK2	PL_6x...	.408	.5	33	.345	.5	y	23	81.4...	135	1.406	16.8...	1.33	H1-1b
16	BACK2 B	PL_6x...	.352	.5	15	.339	.5	y	14	81.4...	135	1.406	16.8...	1.328	H1-1b
17	FACE PL2	PL6x0...	.479	.25	5	.309	.25	y	35	95.6...	101....	.791	12.6...	1.412	H1-1b
18	FACE PL2 B	PL6x0...	.511	.25	14	.300	0	y	14	95.6...	101....	.791	12.6...	1.352	H1-1b
19	MP GAMMA2	PIPE_...	.469	5.521	23	.270	7....	5	9.837	38.5...	2.246	2.246	1.683	H1-1b	
20	PLATE 2	PL4x0.5	.158	0	26	.264	.167	y	26	85.0...	90	.938	7.5	3.125	H1-1b

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

Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Lo...Dir	LC	phi*...	phi*...	phi*...	phi*...	Cb	Eqn		
21	FACE PL4 C	PL6x0...	.304	0	8	.249	.25	y	5	95.6...	101....	.791	12.6...	2.201	H1-1b
22	MP BETA2	PIPE ...	.404	5.521	8	.237	7....		26	9.837	38.5...	2.246	2.246	1.971	H1-1b
23	FACE PL4	PL6x0...	.275	0	17	.232	.25	y	17	95.6...	101....	.791	12.6...	2.197	H1-1b
24	BACK PIPE1 B	PIPE ...	.250	4.556	26	.231	4....		26	100....	111....	12.7...	12.7...	3.235	H1-1b
25	PLATE 2 C	PL4x0.5	.139	0	14	.231	.167	y	14	85.0...	90	.938	7.5	3.125	H1-1b
26	PLATE 11 C	PL4x0.5	.312	0	26	.227	0	y	26	87.2...	90	.938	7.5	1.668	H1-1b
27	MP ALPHA2	PIPE ...	.409	5.521	32	.227	7....		17	9.837	38.5...	2.246	2.246	1.903	H1-1b
28	PLATE 2 B	PL4x0.5	.137	0	35	.224	.167	y	35	85.0...	90	.938	7.5	3.124	H1-1b
29	PLATE 3	PL4x0.5	.274	0	27	.212	0	y	27	87.2...	90	.938	7.5	1.668	H1-1b
30	PLATE12 C	PL4x0.5	.121	.167	14	.212	.167	y	5	85.0...	90	.938	7.5	2.314	H1-1b
31	BACK PIPE1 C	PIPE ...	.194	4.556	17	.209	4....		26	100....	111....	12.7...	12.7...	3.057	H1-1b
32	MAFACE	PIPE ...	.285	3.927	30	.207	2....		26	26.3...	65.2...	5.749	5.749	2.061	H1-1b
33	FACE PL4 B	PL6x0...	.228	0	29	.204	0	y	29	95.6...	101....	.791	12.6...	2.199	H1-1b
34	BACK PIPE1	PIPE ...	.206	4.556	14	.202	4....		5	100....	111....	12.7...	12.7...	3.416	H1-1b
35	PLATE12	PL4x0.5	.137	.167	27	.202	.167	y	17	85.0...	90	.938	7.5	3.123	H1-1b
36	PLATE 9	PL4x0.5	.263	0	9	.201	0	y	9	87.2...	90	.938	7.5	1.668	H1-1b
37	PLATE 11 B	PL4x0.5	.302	0	14	.196	0	y	14	87.2...	90	.938	7.5	1.668	H1-1b
38	PLATE 8	PL4x0.5	.141	0	30	.190	.167	y	33	85.0...	90	.938	7.5	3.125	H1-1b
39	PLATE 3 B	PL4x0.5	.248	0	35	.190	0	y	35	87.2...	90	.938	7.5	1.667	H1-1b
40	FACE1 C	PIPE ...	.179	10.292	23	.190	10...		8	7.677	52.92	3.037	3.037	1	H1-1b
41	PLATE12 B	PL4x0.5	.124	.167	35	.190	.167	y	26	85.0...	90	.938	7.5	3.122	H1-1b
42	PLATE 11	PL4x0.5	.309	0	5	.188	0	y	5	87.2...	90	.938	7.5	1.668	H1-1b
43	PLATE 8 C	PL4x0.5	.159	.167	26	.187	.167	y	30	85.0...	90	.938	7.5	3.124	H1-1b
44	MCFACE	PIPE ...	.230	3.927	25	.185	2....		14	26.3...	65.2...	5.749	5.749	2.023	H1-1b
45	FACE PL1	PL6x0...	.311	.25	26	.183	.25	y	26	95.6...	101....	.791	12.6...	1.207	H1-1b
46	KICKER2 C	PIPE ...	.229	4.226	27	.182	4.61		26	41.0...	52.92	3.037	3.037	1	H1-1b
47	PLATE 5 C	PL4x0.5	.223	0	5	.181	0	y	8	87.2...	90	.938	7.5	1.667	H1-1b
48	PLATE 9 C	PL4x0.5	.313	0	26	.181	0	y	27	87.2...	90	.938	7.5	1.667	H1-1b
49	PLATE 3 C	PL4x0.5	.229	0	15	.180	0	y	14	87.2...	90	.938	7.5	1.667	H1-1b
50	MBFACE	PIPE ...	.231	3.927	37	.178	3....		8	26.3...	65.2...	5.749	5.749	2.054	H1-1b
51	PLATE 5	PL4x0.5	.223	0	17	.177	0	y	17	87.2...	90	.938	7.5	1.667	H1-1b
52	PLATE 9 B	PL4x0.5	.278	0	14	.177	0	y	18	87.2...	90	.938	7.5	1.667	H1-1b
53	PLATE 6	PL4x0.5	.130	.167	9	.174	.167	y	5	85.0...	90	.938	7.5	3.124	H1-1b
54	FACE1	PIPE ...	.181	2.302	30	.169	10...		17	7.677	52.92	3.037	3.037	1	H1-1b
55	KICKER2 B	PIPE ...	.219	.288	17	.168	4.61		14	41.0...	52.92	3.037	3.037	1	H1-1b
56	PLATE 8 B	PL4x0.5	.136	.167	14	.163	.167	y	18	85.0...	90	.938	7.5	3.124	H1-1b
57	KICKER2	PIPE ...	.253	4.226	33	.162	4.61		5	41.0...	52.92	3.037	3.037	1	H1-1b
58	PLATE 6 B	PL4x0.5	.115	.167	14	.157	.167	y	14	85.0...	90	.938	7.5	3.124	H1-1b
59	MP GAMMA3	PIPE ...	.302	7.917	5	.157	7....		5	9.837	38.5...	2.246	2.246	1.918	H1-1b
60	FACE PL1 B	PL6x0...	.268	.25	35	.156	.25	y	32	95.6...	101....	.791	12.6...	1.254	H1-1b
61	PLATE 6 C	PL4x0.5	.116	.167	30	.154	.167	y	26	85.0...	90	.938	7.5	3.123	H1-1b
62	BACK1	PL_6x...	.420	.5	24	.152	.5	y	27	81.4...	135	1.406	16.8...	1.314	H1-1b
63	PLATE 5 B	PL4x0.5	.179	0	29	.151	0	y	26	87.2...	90	.938	7.5	1.668	H1-1b
64	FACE PL1 C	PL6x0...	.256	.25	14	.150	0	y	8	95.6...	101....	.791	12.6...	1.164	H1-1b
65	MP BETA3	PIPE ...	.259	7.917	35	.145	7....		26	9.837	38.5...	2.246	2.246	1.749	H1-1b
66	FACE1 B	PIPE ...	.159	2.438	11	.143	10...		29	7.677	52.92	3.037	3.037	1.924	H1-1b
67	FACE PL3	PL6x0...	.150	.25	26	.142	.25	y	26	95.6...	101....	.791	12.6...	1.822	H1-1b
68	MP ALPHA3	PIPE ...	.283	7.917	23	.132	7....		26	9.837	38.5...	2.246	2.246	1.77	H1-1b
69	MP ALPHA4	PIPE ...	.368	7.917	23	.131	2.5		26	9.837	38.5...	2.246	2.246	1.824	H1-1b
70	FACE2	PIPE ...	.361	10.292	5	.131	.542		26	7.677	52.92	3.037	3.037	3.038	H1-1a
71	BACK1 B	PL_6x...	.374	.5	33	.130	.5	y	35	81.4...	135	1.406	16.8...	1.316	H1-1b
72	KICKER3 C	PIPE ...	.231	.336	8	.126	.288		8	41.0...	52.92	3.037	3.037	1.294	H1-1b
73	BACK1 C	PL_6x...	.352	.5	9	.122	0	y	21	81.4...	135	1.406	16.8...	1.313	H1-1b
74	FACE2 C	PIPE ...	.459	10.292	26	.121	10...		26	7.677	52.92	3.037	3.037	2.682	H1-1a
75	FACE PL3 B	PL6x0...	.138	.25	35	.120	.25	y	35	95.6...	101....	.791	12.6...	2.138	H1-1b
76	MP GAMMA4	PIPE ...	.395	5.521	5	.120	2.5		14	9.837	38.5...	2.246	2.246	2.458	H1-1b
77	FACE2 B	PIPE ...	.394	10.292	14	.117	2....		26	7.677	52.92	3.037	3.037	2.876	H1-1a

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

Member	Shape	Code Check	Loc(ft)	LC	Shear Check	Lo...Dir	LC	phi*...	phi*...	phi*...	phi*...	Cb	Eqn		
78	KICKER3	PIPE_...	.218	4.226	24	.112	.288	17	41.0...	52.92	3.037	3.037	1	H1-1b	
79	MP BETA4	PIPE_...	.360	5.521	26	.112	2.5	35	9.837	38.5...	2.246	2.246	2.19	H1-1b	
80	FACE PL3 C	PL6x0...	.137	0	27	.108	.25	y	14	95.6...	101....	.791	12.6...	1.281	H1-1b
81	KICKER3 B	PIPE_...	.190	4.226	33	.101	.288	32	41.0...	52.92	3.037	3.037	1	H1-1b	
82	KICKER4 C	PIPE_...	.333	0	8	.096	.288	23	38.4...	52.92	3.037	3.037	1.435	H1-1b	
83	KICKER1	PIPE_...	.273	4.226	27	.090	4.61	24	41.0...	52.92	3.037	3.037	1.863	H1-1b	
84	KICKER1 B	PIPE_...	.241	4.226	33	.083	4.61	32	41.0...	52.92	3.037	3.037	1.886	H1-1b	
85	KICKER4	PIPE_...	.263	0	17	.082	.288	35	38.4...	52.92	3.037	3.037	1.542	H1-1b	
86	KICKER1 C	PIPE_...	.231	4.226	9	.081	4.61	8	41.0...	52.92	3.037	3.037	1.509	H1-1b	
87	KICKER4 B	PIPE_...	.281	0	32	.077	.288	11	38.4...	52.92	3.037	3.037	2.017	H1-1b	
88	MATIEBACK	PIPE_...	.165	0	5	.056	6....	26	20.0...	38.5...	2.246	2.246	1.136	H1-1b*	
89	MP GAMMA5	PIPE_...	.063	5	26	.056	2	26	20.8...	32.13	1.872	1.872	1.626	H1-1b	
90	MP ALPHA5	PIPE_...	.059	2	26	.053	2	35	20.8...	32.13	1.872	1.872	1.392	H1-1b	
91	TIEBACK1	PIPE_...	.158	0	8	.052	6....	26	20.0...	38.5...	2.246	2.246	1.136	H1-1b*	
92	MBTIEBACK	PIPE_...	.185	0	14	.047	0	32	20.0...	38.5...	2.246	2.246	1.136	H1-1b*	
93	TIEBACK1 C	PIPE_...	.104	0	29	.046	0	14	20.0...	38.5...	2.246	2.246	1.136	H1-1b*	
94	MP BETA5	PIPE_...	.064	5	14	.045	2	10	20.8...	32.13	1.872	1.872	1.689	H1-1b	
95	MCSTAB2	L2.5x2...	.791	0	5	.043	0	y	5	11.8...	29.1...	.873	1.851	2.169	H2-1
96	TIEBACK1 B	PIPE_...	.143	0	17	.043	0	5	20.0...	38.5...	2.246	2.246	1.136	H1-1b*	
97	MCTIEBACK	PIPE_...	.230	3.371	26	.039	6....	14	20.0...	38.5...	2.246	2.246	1.136	H1-1a	
98	MASTAB2	L2.5x2...	.773	0	26	.038	0	y	17	11.8...	29.1...	.873	1.852	2.175	H2-1
99	MBSTAB2	L2.5x2...	.631	0	35	.033	0	y	26	11.8...	29.1...	.873	1.85	2.164	H2-1
100	TIEBACK2	PIPE_...	.056	0	8	.032	0	25	20.0...	38.5...	2.246	2.246	1.136	H1-1b*	
101	TIEBACK2 B	PIPE_...	.045	0	14	.032	0	37	20.0...	38.5...	2.246	2.246	1.136	H1-1b*	
102	TIEBACK2 C	PIPE_...	.043	0	26	.031	0	16	20.0...	38.5...	2.246	2.246	1.136	H1-1b*	
103	MASTAB1	L2.5x2...	.802	0	17	.026	0	z	26	9.277	29.1...	.873	1.784	2.032	H2-1
104	DIAG2 C	SR_0.75	.152	0	9	.024	4....	8	2.23	19.88	.249	.249	2.168	H1-1b*	
105	DIAG2	SR_0.75	.171	0	18	.023	4....	8	2.23	19.88	.249	.249	2.307	H1-1b*	
106	DIAG2 B	SR_0.75	.147	0	33	.023	4....	32	2.23	19.88	.249	.249	2.275	H1-1b*	
107	VERT1 C	SR_0.75	.187	0	3	.022	3	23	6.343	19.88	.249	.249	1	H1-1b*	
108	VERT1	SR_0.75	.251	0	33	.022	3	35	6.343	19.88	.249	.249	1	H1-1a	
109	MCSTAB1	L2.5x2...	.759	0	5	.022	0	y	5	9.277	29.1...	.873	1.752	1.867	H2-1
110	MBSTAB1	L2.5x2...	.645	0	26	.021	0	z	35	9.277	29.1...	.873	1.766	1.936	H2-1
111	MCSTAB3	L2.5x2...	.400	0	5	.021	0	y	5	11.8...	29.1...	.873	1.594	1.136	H2-1
112	DIAG1 C	SR_0.75	.185	0	18	.021	4....	26	2.23	19.88	.249	.249	1	H1-1b*	
113	VERT1 B	SR_0.75	.190	0	30	.018	3	10	6.343	19.88	.249	.249	1	H1-1b*	
114	VERT3 C	SR_0.75	.376	3	26	.018	0	26	6.343	19.88	.249	.249	1	H1-1b	
115	MCSTAB4	L2.5x2...	.413	0	5	.018	0	y	5	9.277	29.1...	.873	1.535	1.136	H2-1
116	DIAG1 B	SR_0.75	.181	0	33	.017	4....	14	2.23	19.88	.249	.249	1.408	H1-1b*	
117	MASTAB3	L2.5x2...	.338	0	12	.017	0	y	17	11.8...	29.1...	.873	1.594	1.136	H2-1
118	VERT3	SR_0.75	.272	3	35	.017	0	35	6.343	19.88	.249	.249	1	H1-1b	
119	MBSTAB3	L2.5x2...	.341	0	26	.017	0	y	26	11.8...	29.1...	.873	1.594	1.136	H2-1
120	VERT3 B	SR_0.75	.299	3	14	.016	3	10	6.343	19.88	.249	.249	1	H1-1b	
121	DIAG1	SR_0.75	.211	0	30	.016	4....	5	2.23	19.88	.249	.249	1.537	H1-1a*	
122	MBSTAB4	L2.5x2...	.493	0	35	.015	0	y	26	9.277	29.1...	.873	1.535	1.136	H2-1
123	MASTAB4	L2.5x2...	.433	0	23	.015	0	z	12	9.277	29.1...	.873	1.535	1.136	H2-1
124	VERT4	SR_0.75	.230	3	23	.013	0	5	6.343	19.88	.249	.249	2.135	H1-1b	
125	VERT4 C	SR_0.75	.247	3	8	.013	0	26	6.343	19.88	.249	.249	2.142	H1-1b	
126	VERT4 B	SR_0.75	.230	3	32	.012	0	14	6.343	19.88	.249	.249	2.154	H1-1b	
127	VERT2	SR_0.75	.356	0	27	.011	0	26	6.343	19.88	.249	.249	1	H1-1a	
128	VERT2 C	SR_0.75	.216	0	15	.011	0	26	6.343	19.88	.249	.249	1	H1-1b	
129	VERT2 B	SR_0.75	.234	0	33	.009	0	17	6.343	19.88	.249	.249	1	H1-1b	

APPENDIX D
Additional Calculations



POD Job #	22-124726
Site Number	803934
Site Name	Somers FD

Connection Type: Single Shear

RISA 3D Forces

Axial (Bolts)	1.23 kips
Shear (Bolts)	4.513 kips
Axial Force (Member)	4.513 kips

Bolt/Member Information

Member Label	BACK2	
# of Bolts	1	
Diameter	1	inches
Bolt Grade	A325	
Member Grade	A36	
Threads Included?	Yes	
L_b	0	inches
L_c	1	inches
t	0.5	inches

Shear Capacity	12.8%
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Axial Capacity	2.3%
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Bearing Capacity	13.0%
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POD Job #	22-125571
Site Number	803934
Site Name	Somers FD
Code	TIA 222-H

Clamp Set Check

Reactions from Risa

Vertical Moment (M_z)	1.02	ft-kip
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Tower Connection Resistance

D	0.625	in
Torque	133	ft - lbs
Number of Threaded Rods	4	
Member Size	4.5	in
μ	0.8	
T	3.192	Kips

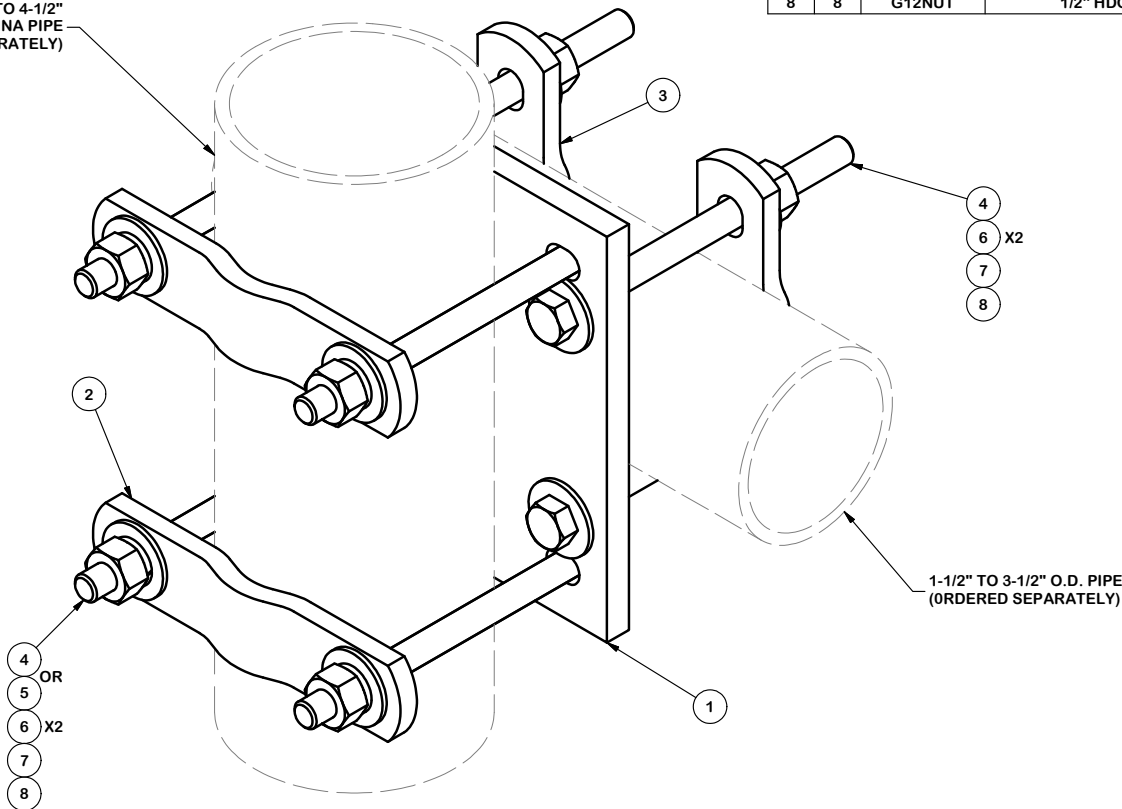
Calculations

Resultant Reaction, N	3.192	Kip
Friction Force, F_s	1.915	Kip
Friction Moment Resistance, M_f	2.873	ft-Kip

Connection Reaction	Fixed
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APPENDIX E
Specification Sheets

1-1/2" TO 4-1/2"
ANTENNA PIPE
(ORDERED SEPARATELY)



1-1/2" TO 3-1/2" O.D. PIPE
(ORDERED SEPARATELY)

PARTS LIST

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	SCX7	CROSSOVER PLATE	8 in	7.55	7.55
2	2	X-115765	5" V-CLAMP		1.02	2.04
3	2	X-100064	CLAMP (S) (4" V-CLAMP) GALVANIZED		0.91	1.83
4	8	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	6 1/2 in	0.41	3.28
5	4	G12045	1/2" x 4.5" HDG HEX BOLT GR5 FULL THREAD	4 1/2 in	0.30	1.19
6	16	G12FW	1/2" HDG USS FLATWASHER		0.03	0.54
7	8	G12LW	1/2" HDG LOCKWASHER		0.01	0.11
8	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
					TOTAL WT. #	16.98

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
 SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030"$)
 DRILLED AND GAS CUT HOLES ($\pm 0.030"$) - NO CONING OF HOLES
 LASER CUT EDGES AND HOLES ($\pm 0.010"$) - NO CONING OF HOLES
 BENDS CUT $\pm 1/2$ DEGREE
 ALL OTHER MACHINING ($\pm 0.030"$)
 ALL OTHER ASSEMBLY ($\pm 0.060"$)

PROPRIETARY NOTE:
 THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION

CROSSOVER PLATE
(V-CLAMP STYLE)

CPD NO.	DRAWN BY	ENG. APPROVAL
CLASS	DRAWING USAGE	CHECKED BY
81	01	CUSTOMER
		BMC 10/8/2010



Engineering
Support Team:
1-888-753-7446

Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

PART NO.	SCX7-U	PAGE
DWG. NO.	SCX7-U	1 OF 1