



1 Cityplace Dr, Suite 490
Creve Coeur, MO 63141

Phone: (314) 513-0147
www.crowncastle.com

July 18th 2022

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

RE: **Notice of Exempt Modification for AT&T**
Crown Site ID#876326; AT&T Site ID#CTL05140
440 Hayden Station Road, Windsor, CT 06095
Latitude: 41°53'52.20" / Longitude: -72°38'38.70"

Dear Ms. Bachman:

AT&T currently maintains (12) antennas at the 94-foot mounts on the existing 98-foot Monopole Tower located at **440 Hayden Station Road, Windsor**. The property is owned by CB Baggs LLP and the Tower by Crown Castle. AT&T now intends to replace six (9) antennas. This modification/proposal includes hardware that is both 4G(LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Planned Modifications:

Tower:

REMOVE AND REPLACE

- (3) Kathrein 800-10121 antennas (**REMOVE**), (3) Quintel QD8616-7 Antennas (**REPLACE**)
- (3) CCI OPA65R-BU8DA antennas (**REMOVE**) (3) CCI TPA 65-R-LCUUUU-H8 (**REMOVE**)
- (3) Ericsson – AIR6449 N77D (**REPLACE**), (3) Ericsson – AIR6419 N77G (antennas stacked) (**REPLACE**)
- (6) Powerwave 21404 TMA (**REMOVE**)
- (1) Raycap DC6-48-60-0-8F Squid (**REMOVE**) (1) Raycap DC9-48-60-24-8C-EV Squid (**REPLACE**)

RELOCATE

- (3) CCI – DMP65R-BU8DA antenna
- (3) Ericsson – 8843 B2/B66A RRUs
- (3) Ericsson – RRUS-E2 B29 RRUs
- (3) Ericsson – 4449 B5/B12
- (3) Ericsson – 4478 B14 RRUS

INSTALL

- (1) Fiber cable
- (1) DC Power cable
- (6) Y Cables
- (3) Mount Pipes on existing sector mount

Ground:



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REMOVE:

- (1) UMTS Cabinet
- (6) Kathrein 782 10250 Diplexers

INSTALL:

- (1) 6648
- (3) Rectifiers in Existing Power Plant

The facility was approved by The Windsor Zoning Board of Appeals on September 18th, 1996. This approval included no conditional statements.

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 Mr. Peter Souza, Town Manager for the Town of Windsor, Mr. Eric Barz, Town Planner, and property owner CB Baggs LLP.

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, AT&T respectfully submits that the proposed modifications to the above-reference telecommunications facility constitutes an exempt modification under R.C.S.A. §16-50j-72(b)(2).

Sincerely,

Katie Adams

Katie Adams
Crown Castle, Agent for AT&T
kadams@nbcllc.com
(781) 392-7547



1 Cityplace Dr, Suite 490
Creve Coeur, MO 63141

Phone: (314) 513-0147
www.crowncastle.com

cc:

Peter Souza, Town Manager
Town Manager's Office
275 Broad Street
Windsor, CT 06095
(Via Fedex)

Eric Barz, AICP, Town Planner
Planning Department
275 Broad Street
Windsor, CT 06095
(Via Fedex)

CB Baggs LLP
4 Hickory Hill
West Springfield, MA 01089
(Via Fedex)

Katie Adams

From: TrackingUpdates@fedex.com
Sent: Tuesday, July 19, 2022 9:41 AM
To: Katie Adams
Subject: FedEx Shipment 777414476529: Your package has been delivered



Hi. Your package was
delivered Tue, 07/19/2022 at
9:38am.



Delivered to 275 BROAD STREET, Windsor, CT 06095
Received by W.JAMES

OBTAIN PROOF OF DELIVERY

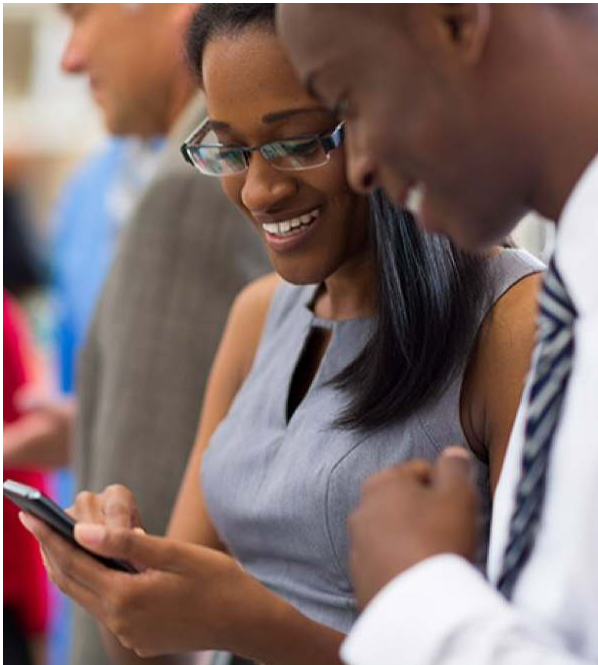
TRACKING NUMBER [777414476529](#)

FROM Katie Adams
100 Apollo Drive
Suite 303
CHELMSFORD, MA, US, 01824

TO Town Manager's Office
Peter Souza, Town Manager

275 Broad Street
Windsor, CT, US, 06095

REFERENCE	100788 - CSC
SHIPPER REFERENCE	100788 - CSC
SHIP DATE	Mon 7/18/2022 06:00 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Pak
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	Windsor, CT, US, 06095
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	2.00 LB
SERVICE TYPE	FedEx Priority Overnight



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- **Download now.**



Katie Adams

From: TrackingUpdates@fedex.com
Sent: Tuesday, July 19, 2022 9:41 AM
To: Katie Adams
Subject: FedEx Shipment 777414434728: Your package has been delivered



Hi. Your package was
delivered Tue, 07/19/2022 at
9:38am.



Delivered to 275 BROAD STREET, Windsor, CT 06095
Received by W.JAMES

[OBTAIN PROOF OF DELIVERY](#)

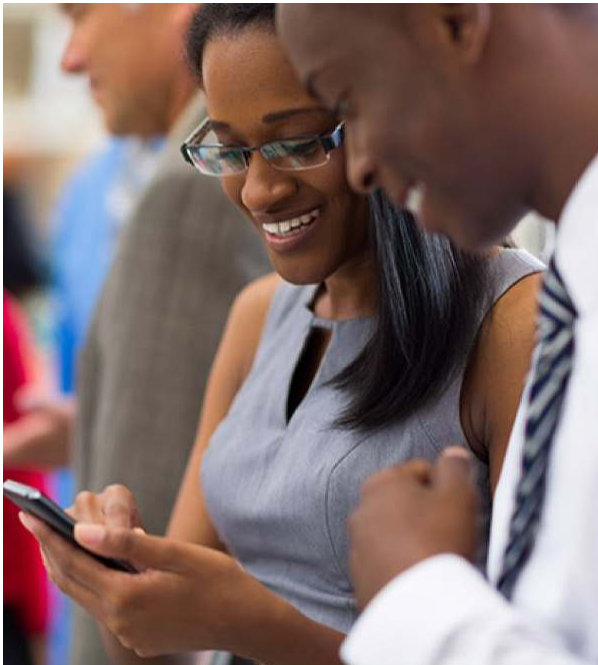
TRACKING NUMBER [777414434728](#)

FROM Katie Adams
100 Apollo Drive
Suite 303
CHELMSFORD, MA, US, 01824

TO Planning department
Eric Barz, Town Planner

275 Broad Street
Windsor, CT, US, 06095

REFERENCE	100788 - CSC
SHIPPER REFERENCE	100788 - CSC
SHIP DATE	Mon 7/18/2022 06:00 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Pak
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	Windsor, CT, US, 06095
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	2.00 LB
SERVICE TYPE	FedEx Priority Overnight



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Katie Adams

From: TrackingUpdates@fedex.com
Sent: Tuesday, July 19, 2022 11:00 AM
To: Katie Adams
Subject: FedEx Shipment 777414501660: Your package has been delivered



Hi. Your package was
delivered Tue, 07/19/2022 at
10:59am.

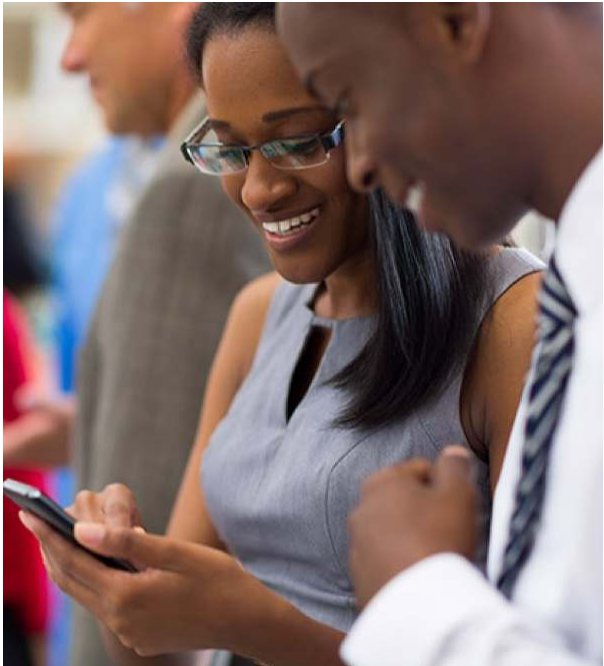


Delivered to 4 HICKORY HL, WEST SPRINGFIELD, MA 01089

OBTAIN PROOF OF DELIVERY

TRACKING NUMBER	777414501660
FROM	Katie Adams 100 Apollo Drive Suite 303 CHELMSFORD, MA, US, 01824
TO	CB Baggs LLP 4 Hickory Hill WEST SPRINGFIELD, MA, US, 01089

REFERENCE	100788 - CSC
SHIPPER REFERENCE	100788 - CSC
SHIP DATE	Mon 7/18/2022 06:00 PM
DELIVERED TO	Residence
PACKAGING TYPE	FedEx Pak
ORIGIN	CHELMSFORD, MA, US, 01824
DESTINATION	WEST SPRINGFIELD, MA, US, 01089
SPECIAL HANDLING	Deliver Weekday Residential Delivery
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	2.00 LB
SERVICE TYPE	FedEx Priority Overnight



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Create shipments, receive tracking alerts, redirect packages to a FedEx retail location for pickup, and more from the palm of your hand
- **Download now.**



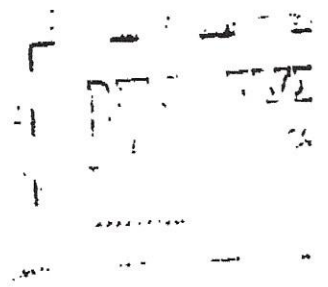
Exhibit A

Original Facility Approval

SITE 065 Zoning Hayden Station



TOWN OF WINDSOR • CONNECTICUT
FIRST IN STATE • FIRST IN SERVICE • FIRST IN VALUE



October 3, 1996

Sprint Spectrum L.P.
C/O John Stevens
450 Murdock Road
Meriden, Connecticut 06450

Subject: 440 Hayden Station Road
Variance Request

Dear Mr. Stevens,

The Windsor Zoning Board of Appeals at it's business meeting following the public hearing held at 7:00 P.M. on Wednesday September 18, 1996, approved your request for a variance of Section 3.4.2F(l).

In accordance with Public Act 75-317 of the Connecticut General Statutes, the enclosed form must be filed with the Town Clerk of Windsor before said grant becomes effective. There is a filing fee of \$10.00. The paperwork must be filed by the record owner of the property within six months, according to Section 6.6 of the Zoning Board of Appeals By Laws, or the grant is null and void.

Very truly yours,

Helene H. Shay
Secretary
WINDSOR ZONING BOARD OF APPEALS

Encl.

Certified Mail No. P 433 581 779

WINDSOR ZONING BOARD OF APPEALS

I, Helene H. Shay, Secretary of the Windsor Zoning Board of Appeals, hereby certify that on Wednesday, September 18, 1996, the Zoning Board of Appeals of the Town of Windsor granted to:

Owner of Record: Jeffrey R. Wannamaker
(The Coast Distribution System, Inc.)

Located at: 440 Hayden Station Road

and more particularly bounded and described as follows:

Map No. 49, Block No. 471, Lot No. 109
in Volume 998, Page 108

the following variances to the Windsor Zoning Regulations:

Section 3.4.2F(1) - Parking Reduction
for Erection of Tower Antenna

Dated at Windsor, Connecticut, this 3rd day of October, 1996.



Helene H. Shay, Secretary
Windsor Zoning Board of Appeals

Received for the Record:

TOP SECTION TO BE FILLED IN BY Z.B.A. CLERK:

clerk's name Karen

within 500' of other town? No

date submitted 8, 27, 96

fee amount \$ 110.00

date sign given 8, 27, 96

receipt number # 1874

official date rec'd 8, 27, 96

(APPLICANT, DO NOT WRITE ABOVE THIS LINE)

Z O N I N G V A R I A N C E A P P L I C A T I O N

1.1)) PROPERTY INFORMATION ((

<u>79 Lamberton Road, Windsor</u>			<u>I-1</u>	
Street Address			Zone	
<u>43</u>	<u>108</u>	<u>5</u>	<u>642</u>	<u>151</u>
Map No.	Block No.	Lot No.	Volume No.	Page No.

1.2)) OWNER INFORMATION ((

Jerome M. Scharr

Name(s) as they appear on the deed of record

<u>40 East Newberry Road</u>	<u>Bloomfield</u>	<u>CT</u>	<u>06002</u>
Street Address	City	State	Zip

1.3)) APPLICANT INFORMATION ((

Sprint Spectrum, L.P. c/o John Stevens

Name of applicant

<u>450 Murdock Ave.</u>	<u>Meriden</u>	<u>CT</u>	<u>06450</u>
Street Address	City	State	Zip

1.4 Applicant's interest in the subject parcel? Lessee
(such as owner, agent, lessee, optionee, tenant)

1.5 Phone no. where applicant can be reached in the daytime 203-238-6910

1.6 Were any variances ever requested for this parcel in the past? No

1.7 Does the subject parcel have any existing non-conformities? No
(if so, describe them briefly)

1.8 Is the subject parcel vacant? No
(if not vacant, what is the parcel's existing use? Business Use -
golfing range currently operating on the parcel.

2.1 Complete the following table only for "SIZE VARIANCES", or "DISTANCE VARIANCES", or "LOCATION VARIANCES"...

ZONING REGULATION SECTION NO.	DISTANCE REQUIRED BY REGULATIONS	LOCATION OF VARIANCE (side?, front?, rear?)	DISTANCE REQUESTED BY APPLICANT	NET AMOUNT OF VARIANCE (#2 - #4 = #5)
#1	#2	#3	#4	#5
10.5.10C	240'	side	10'	230'
10.5.10C	240"	rear	5' approx.	235' approx.

2.2 For all other types of variances, state the Section Number of the Zoning Regulations and describe precisely what is being requested...

2.3 (FIRST TEST) How is this request in HARMONY with the intent of the Zoning Regulations?...

The requested set back variances will permit reasonable development of industrially zoned land with a compatible use which recognizes and promotes the public health, safety and welfare purposes of the regulations.

2.4 (SECOND TEST) How are the Zoning Regulations restricting the use of the subject parcel in a manner different than similarly-zoned parcels throughout Town? (In other words: What is the LEGAL HARDSHIP?)

The purpose of the distance requirements is to provide a safety area should the tower fall. Although current construction techniques make such fall zones unnecessary, this parcel's unique characteristics make the imposition of the regulations a hardship.

Wetlands and water courses to the west of the site make development within the fall zone a highly regulated activity while the Terry Steam complex to the north precludes development there.

3.1 List the names and addresses of ALL abutting landowners.

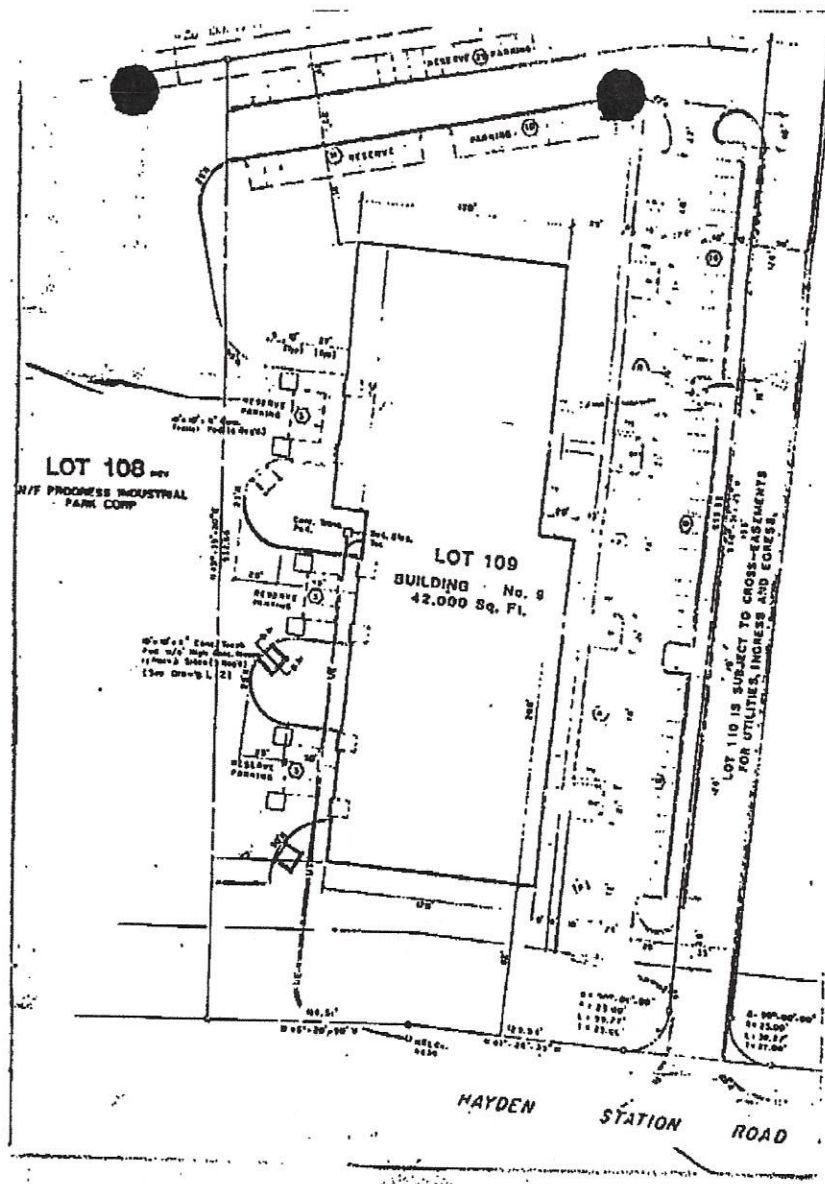
You MUST include ANY parcel which has ANY part of it within 100 feet of the subject parcel.

You MUST include these parcels even if they are separated from the subject parcel by streets, roads, rights-of-way, rivers, streams, buildings, railroad tracks, or anything else.

ALL ON MAP 43	N A M E	A D D R E S S
-----	Wilkos, Walter Block-106 Lot-4	-----
		295 Pigeon Hill Rd.
-----	Wilkos, Theodore Block 106 Lot-4A	-----
		337 Pigeon Hill Rd.
-----	Caesar, Carolyn Block-106 Lot-5	-----
		321 Pigeon Hill Rd.
-----	Dresser-Rand Co. Block-108 Lot 1A	-----
		Baron Stenben Place, Corning, NY 14830
-----	Dudack Ignatz Block-108 Lot 6	-----
		400 Pigeon Hill Rd.
-----	80 and 82 Lamberton Rd. LP	-----
		100 Pearl St. Hartford, CT 06103
-----	c/o Farley Co. Block-109 Lot 43B	-----
-----	Caesar, Carolyn Block-109 Lot 45	-----
		280 Pigeon Hill Rd.
-----		-----

ZBA application - revised 03/12/87 - PAGE 4 OF 5

4.1 USE THIS PAGE TO INCLUDE ANY OTHER INFORMATION WHICH CAN NOT FIT ANYWHERE ELSE ON THIS APPLICATION.



LOT 108
W/F PROGRESS INDUSTRIAL
PARK CORP

LOT 109
BUILDING No. 8
42,000 Sq. Ft.

LOT 110 IS SUBJECT TO CROSS-
FOR UTILITIES, INGRESS AND EGRESS

HAYDEN STATION ROAD

- 5.1 (PLOT PLAN) YOU MUST SUBMIT 10 COPIES OF A SURVEYOR'S PLOT PLAN OF THE SUBJECT PARCEL. THE PLOT PLAN MUST SHOW:
 - ...ALL PROPOSED ADDITIONS OR CHANGES WITH DOTTED LINES
 - ...ALL RELEVANT DIMENSIONS
 - ...A NORTH ARROW
 - ...THE SCALE OF THE DRAWING
 - ...A PROPER LABEL WITH THE STREET ADDRESS

IF YOUR VARIANCE REQUEST IS FOR ANY DIMENSIONAL REQUIREMENT, SUCH AS A SET-BACK FROM A PROPERTY LINE, THE SURVEYOR'S PLOT PLAN MUST BE CERTIFIED TO BE ACCURATE TO AT LEAST AN "A-2" QUALITY STANDARD.

READ THE FOLLOWING STATEMENTS BEFORE SIGNING:

- 5.2 IT IS THE APPLICANT'S RESPONSIBILITY TO BE AWARE OF THE HEARING DATE.
- 5.3 THE APPLICANT MAY WITHDRAW THIS APPLICATION AT ANY TIME. IF EXPENSES HAVE BEEN INCURRED THE FEE WILL NOT BE REFUNDED.
- 5.4 IF A VARIANCE IS GRANTED, IT WILL NOT BECOME EFFECTIVE UNTIL THE APPLICANT FILES A CERTIFIED COPY OF THE VARIANCE WITH THE TOWN CLERK.
- 5.5 THE APPLICANT MUST POST THE SUPPLIED PLACARD SIGN ON THE SUBJECT PARCEL (not on a public utility pole!) AT LEAST 10 DAYS PRIOR TO THE HEARING...AND...MUST REMOVE IT 5 DAYS AFTER THE HEARING (or else the variance may be nullified).
- 5.6 THIS IS THE APPLICANT'S APPLICATION ONLY. THE STAFF IS NOT PERMITTED TO HELP COMPLETE THE APPLICATION. THE APPLICANT ASSUMES SOLE RESPONSIBILITY FOR ITS COMPLETENESS AND ACCURACY.

----- (COMPLETE EVERYTHING BELOW THIS LINE IN THE PRESENCE OF A NOTARY) -----

The undersigned applicant assumes sole responsibility for the completeness and accuracy of this application and, further, acknowledges that he/she has read and understands the above statements numbered 5.2 through 5.6:

(Applicant's Signature) *John Sever*

(To be filled in by Notary) On this date August 22 1996, the above-signed applicant did personally appear before me and proved to my satisfaction to be the person who is herein referred to as the applicant; in witness whereof I hereunto set my hand and seal:

(Notary's Signature) _____
(And Seal)

Thomas F. Flynn III

THOMAS F. FLYNN III
Commissioner of
The Superior Court

My Commission Expires: _____

Exhibit B

Property Card

CURRENT OWNER		TOPO	UTILITIES	STRT / ROAD	LOCATION	CURRENT ASSESSMENT	
CB BAGGS LLP C/O SPRINT SPECTRUM LLP TAX DEPT PO BOX 8430		6739				Code	Assessed
KANSAS CITY MO 64114		6739				3-1	97,580
		6739				3-2	3,990
		6739				3-3	80,150
		6739				Total 259,600	

RECORD OF OWNERSHIP		BK-VOL/PAGE	SALE DATE	Q/U	V/I	SALE PRICE	VC
CB BAGGS LLP		1243	10-06-2000	U	V	0	

EXEMPTIONS		Amount	Description	Number	Amount
Total		0.00			

ASSESSING NEIGHBORHOOD		Nbhd Name	Tracing	Batch
06739.01 0049/0471/0109/T		B		

NOTES	
SPRINT SPECTRUM CELLULAR TOWER 105' MONOPOLE TOWER LAND VALUE=INCAPPR REF: V1501 P139 ESMINT ASSIGN	

BUILDING PERMIT RECORD		Permit Id	Issue Date	Type	Description	Amount	Insp Date	% Comp	Date Comp	Comments
Total Appraised Parcel Value		E-183101	12-15-2018	EL	Electric	12,500	0	100	10-01-2017	DIESEL GENERATOR FOR T-
		E-170415	03-01-2017	EL	Electric	7,500	100	100	10-01-2017	REPLACE 3 RRJUS - AT&T
		E-162925	11-08-2016	EL	Electric	20,000	100	100	10-01-2016	REPLACE 3 ANTENNA & 3 R
		E-121307	08-19-2016	EL	Electric	20,000	100	100	10-01-2016	REPLACE 3 ANTENNA & 3 R
		E-160448	03-02-2016	EL	Electric	20,000	100	100	10-01-2016	CELL TOWER CHANGES C/
		B-140692	04-14-2014	RE	Renovation	20,000	100	100	10-01-2014	CELL EQUIPMENT BUILDING
		B-992651	10-01-2000	LCM	Commercial	0	0	0	10-01-2014	

LAND LINE VALUATION SECTION		Zone	Description	Land Type	Land Units	Unit Price	Size Adj	Site Index	Cond.	Nbhd.	Nbhd. Adj	Notes
1		I	Cell Tower		0.050 AC	82,000	40,0000	0	0.85	1,000	1,000	CELL TOWER SITE

VISIT / CHANGE HISTORY		Permit Id	Issue Date	Type	Description	Amount	Insp Date	% Comp	Date Comp	Comments
Total Appraised Parcel Value		E-183101	12-04-2019	LL						
		E-170415	06-17-2015	LL						I & E PENALTY
		E-121307	11-17-2003	SK						20 Bldg Permit Insp Measur+Listed

APPRAISED VALUE SUMMARY		Year	Code	Assessed	Year	Code	Assessed	Total
Appraised Bldg. Value (Card)		2019	3-1	107,338	2018	3-1	97,580	2017
Appraised Xf (B) Value (Bldg)			3-2	4,389		3-2	3,990	
Appraised Ob (B) Value (Bldg)			3-3	88,165		3-3	80,150	
Appraised Land Value (Bldg)		Total			199892			181720
Special Land Value		Total			199892			181720
Total Appraised Parcel Value		Total			199892			181720

CONSTRUCTION DETAIL		CONSTRUCTION DETAIL (CONTINUED)									
Element	Cd	Element	Cd								
Style: 94	00	Outbuildings									
Model: 00		Vacant									
Grade:											
Stories:											
Occupancy											
Exterior Wall 1											
Exterior Wall 2											
Roof Structure:											
Roof Cover											
Interior Wall 1											
Interior Wall 2											
Interior Flr 1											
Interior Flr 2											
Heat Fuel											
Heat Type:											
AC Type:											
Total Bedrooms											
Total Bthrms:											
Total Half Baths											
Total Xtra Fixtrs											
Total Rooms:											
Bath Style:											
Kitchen Style:											
		<table border="1"> <thead> <tr> <th>Parcel Id</th> <th>C</th> <th>Owne</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Parcel Id	C	Owne					
Parcel Id	C	Owne									
		<table border="1"> <thead> <tr> <th>Adjust Type</th> <th>Code</th> <th>Description</th> <th>Factor%</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Adjust Type	Code	Description	Factor%				
Adjust Type	Code	Description	Factor%								
		<table border="1"> <thead> <tr> <th>Condo Flr</th> <th>Condo Unit</th> <th>Factor%</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Condo Flr	Condo Unit	Factor%					
Condo Flr	Condo Unit	Factor%									
COST / MARKET VALUATION											
Building Value New		1									
Year Built											
Effective Year Built											
Depreciation Code											
Remodel Rating											
Year Remodeled											
Depreciation %											
Functional Obsol											
External Obsol											
Trend Factor											
Condition											
Condition %											
Percent Good											
Cns Sect Rnld											
Dep % Ovr											
Dep Ovr Comment											
Misc Imp Ovr											
Misc Imp Ovr Comment											
Cost to Cure Ovr											
Cost to Cure Ovr Comment											
OB - OUTBUILDING & YARD ITEMS(L) / XF - BUILDING EXTRA FEATURES(B)											
Code	Sub	Sub Ty	L/B	Units	Unit Pric	Yr Bilt	Cond. C	% Gd	Grade	Grade A	Appr. V
CB3		L		425	350.00	2000		77		0.00	114,50
				PerCast							
				Living Area		Floor Area	Eff Area	Unit Cost	Undeprec Value		
				0		0	0	0	0		
				Ttl Gross Liv / Lease Area						0	

No Sketch

CURRENT OWNER		TOPO	UTILITIES	STRT / ROAD	LOCATION	CURRENT ASSESSMENT	
CB BAGGS LLP	1 Level		1 Paved			Description	Assessed
4 HICKORY HILL						IND LAND	246,050
WEST SPRINGF MA 01089						IND BLDG	785,120
						IND IMPR	22,050
SUPPLEMENTAL DATA		SALE PRICE		VC		Total	
Air Pct ID: 6739	CTRACT: 4735.02	QU: 1	VI: 1	SALE PRICE: 1,500,000	VC: 00	Year: 2019	Assessed: 246,050
INC: GH	CBLOCK: 916	U: 1	U: 1	666,483	25	Year: 2018	Assessed: 785,120
2007	DIST: HEART	U: 1	U: 1	0	4	Year: 2017	Assessed: 22,050
	GL YEAR			0		Year: 2016	Assessed: 14,560
GIS ID: 6739	Assoc Pld#					Year: 2015	Assessed: 1,053,220

RECORD OF OWNERSHIP		BK-VOL/PAGE	SALE DATE	QU	VI	SALE PRICE	VC
CB BAGGS LLP	1243	0531	10-06-2000	Q	1	1,500,000	00
ADFM ASSOCIATES LLC	1243	0522	10-06-2000	U	1	666,483	25
COAST DISTRIBUTION SYSTEM INC	0998	0108	04-15-1994	U	1	0	4
COAST DISTRIBUTION SYS	0758	0213	08-31-1989			0	
EXEMPTIONS		Amount	Description	Code	Number	Amount	Comm Int
Total		0.00					

OTHER ASSESSMENTS		Year	Code	Assessed	Year	Code	Assessed
Total		1053220	Total	1053220	Total	Total	1032430

This signature acknowledges a visit by a Data Collector or Assessor

ASSESSING NEIGHBORHOOD		Nbhd	Sub	A	B	Tracing	Batch
Total		200	A				

NOTES
 REMOVED FROM PARCEL
 AND PUT ON 06739.01
 10/01/03
 REF: V1501 P127 ESMNT & ASSIGNMENT
 CELLULAR EQUIP BLDG

BUILDING PERMIT RECORD		Permit Id	Issue Date	Type	Description	Amount	Insp Date	% Comp	Date Comp	Comments
H-022011	10-01-2003	HA	HVAC	Commercial						CENTRAL A/C VAULT
B-021026	10-01-2002	CM								

LAND LINE VALUATION SECTION		Use Code	Description	Zone	Land Type	Land Units	Unit Price	I. Factor	Site Index	Cond.	Nbhd.	Nbhd Adj	Notes	Location Adjustment	Adj Unit Price	Land Value		
1	4010	Ind Whses	I		2,900 AC	82,000	1,00000	1	1.00	200	1,400	1,400		0	0	332,900		
1	4010	Ind Whses	AA		0.810 AC	82,000	1,00000	0	0.20	200	1,400	1,400		0	0	18,600		
1	4340	Cell Tower			0.000 SF	0	1,00000	0	1.00	1,000	1,000	1,000		0	0	0		
Total Card Land Units															3,710 AC	Parcel Total Land Area: 3,7100	Total Land Value	351,500

VISION

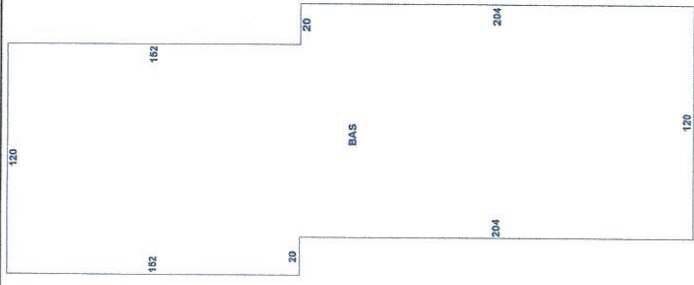
6164
WINDSOR, CT

CONSTRUCTION DETAIL		Element	Cd	Description
Style:	48	Warehouse		
Model	96	Ind/Comm		
Grade	03	Average		
Stories:	1			
Occupancy	27	Pre-finish Metl		
Exterior Wall 1	01	Flat		
Exterior Wall 2	09	Enam Mtl Shing		
Roof Structure	01	Minim/Masonry		
Roof Cover	03	Concrete		
Interior Wall 1	03	Gas		
Interior Wall 2	03	Hot Air-no Duc		
Interior Floor 1	03	Central		
Interior Floor 2	03	Ind Whses		
Heating Fuel	4010			
Heating Type				
AC Type				
Bldg Use				
Total Rooms	00			
Total Bedrms	2			
Total Baths	01			
Heat/AC	05	Heat/AC Pkgs		
Frame Type	02	Steel		
Baths/Plumbing	03	Average		
Ceiling/Wall	02	Sus-Ceil/Mn WI		
Rooms/Prtns	16.00	Average		
Wall Height	0.00			
% Comm Wall	4010			
1st Floor Use:				

CONSTRUCTION DETAIL (CONTINUED)		Element	Cd	Description
MIXED USE				
Code	Description	Percentage		
4010	Ind Whses	100		
COST / MARKET VALUATION				
RCN		1,546,037		
Year Built		1982		
Effective Year Built		A		
Depreciation Code		21		
Remodel Rating		0		
Year Remodeled		15		
Functional Obsol		1		
External Obsol		64		
Trend Factor		989,500		
Condition				
Condition %				
Percent Good				
Cns Sect Rcld				
Dep % Ovr				
Dep Ovr Comment				
Misc Imp Ovr				
Misc Imp Ovr Comment				
Cost to Cure Ovr				
Cost to Cure Ovr Comment				

OB - OUTBUILDING & YARD ITEMS(L) / XF - BUILDING EXTRA FEATURES(B)													
Code	Descripti	Sub	Sub Ty	L/B	Units	Unit Price	Yr Bld	Cond.	Cd	% Gd	Grade	Ad	Appr. V
PAV1	PAVING-	L			21,00	2.50	2003			60			0.00
LDL1	LOAD L	B			7	3000.00	1997			64			13,400
SPR1	SPRINK	B			42.72	2.50	1997			64			68,400
VL2	VAULT-	B			600	125.00	1997			64			48,000

BUILDING SUB-AREA SUMMARY SECTION						
Code	Description	Living Area	Floor Area	Eff Area	Unit Cost	Undeprec Value
BAS	First Floor	42,720	42,720	42,720	36.19	1,546,037
Totl Gross Liv / Lease Area		42,720	42,720	42,720		1,546,037





12204 High Path Road
750 300ft
-72.857482, 41.800286

Basemaps

- Base Map
- Imagery
- ESRI



440 HAYDEN STATION RD

PARCEL ID: 6739
 OWNER NAME: CB BAGGS LLP
 PROPERTY LOCATION: 440 HAYDEN STATION RD
 CO-OWNER: C/O SPRINT SPECTRUM LLP
 OWNER ADDRESS: TAX DEPT PO BOX 8430
 CSZ: KANSAS CITY, MO 64114
 ACCOUNT NUMBER: 06738.01

ADD TO SELECTION

OWNER	ASSESSMENT	SALES	LINKS
-------	------------	-------	-------

GET ABUTTERS

Exhibit C

Construction Drawings



AT&T SITE NUMBER: CTL05140
AT&T SITE NAME: WINDSOR BREAKNECK
AT&T FA CODE: 10071329
AT&T PACE NUMBER: MRCTB061080, MRCTB061148, MRCTB061130, MRCTB061081, MRCTB061115
AT&T PROJECT: 5G NR ACTIVATION, 5G NR 1SR CBAND, BBU ADD

BUSINESS UNIT #: 876326
SITE ADDRESS: 440 HAYDEN STATION ROAD WINDSOR, CT 06095
COUNTY: HARTFORD
SITE TYPE: MONOPOLE
TOWER HEIGHT: 96'-0"



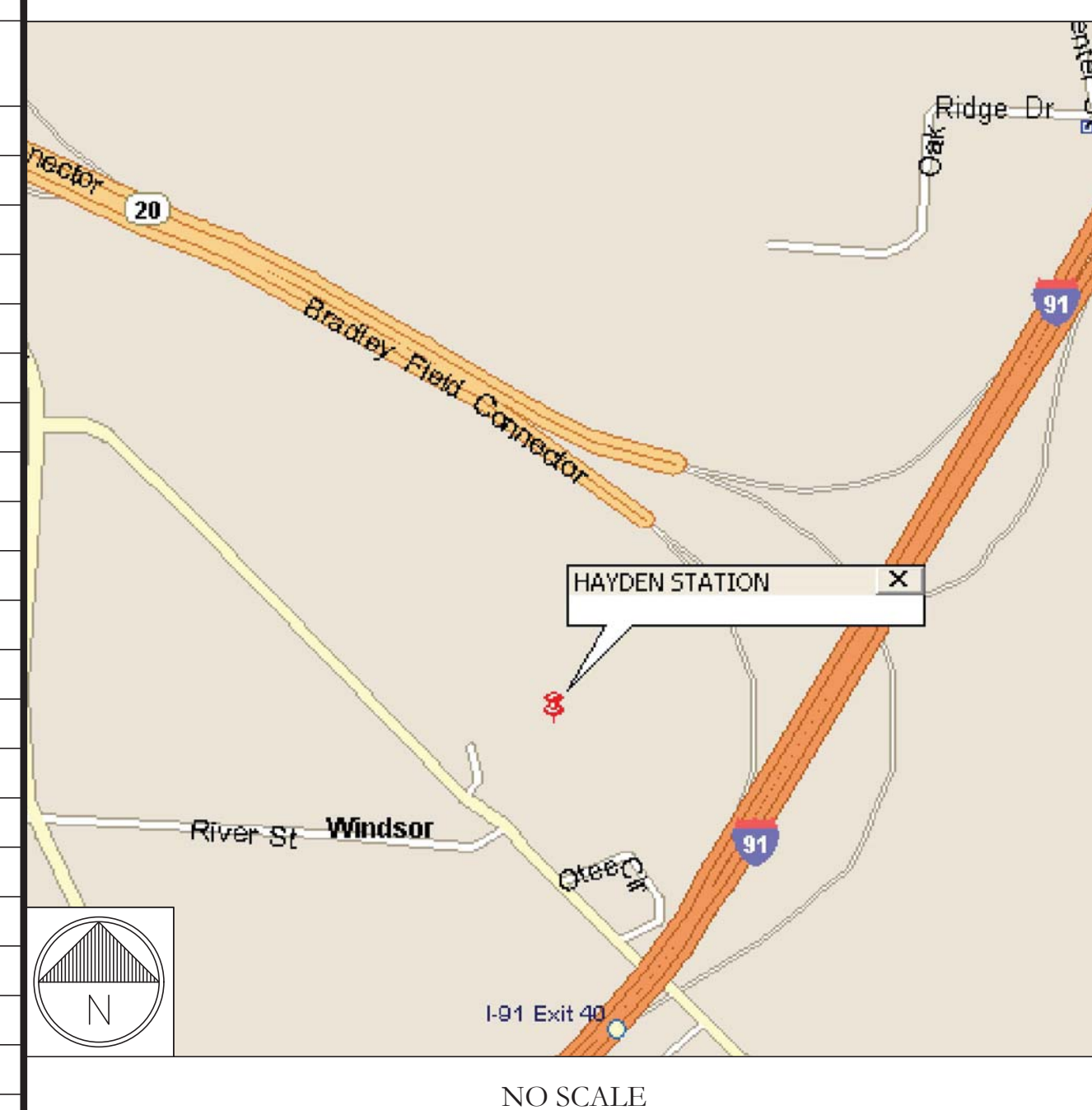
SITE INFORMATION

CROWN CASTLE USA INC. HAYDEN STATION
 SITE NAME:
 SITE ADDRESS: 440 HAYDEN STATION ROAD WINDSOR, CT 06095
 COUNTY: HARTFORD
 MAP/PARCEL #: 6739
 AREA OF CONSTRUCTION: EXISTING
 LATITUDE: 41° 53' 52.20"
 LONGITUDE: -72° 38' 38.70"
 LAT/LONG TYPE: NAD83
 GROUND ELEVATION: 154'
 CURRENT ZONING: I (INDUSTRIAL)
 JURISDICTION: TOWN OF WINDSOR
 OCCUPANCY CLASSIFICATION: U
 TYPE OF CONSTRUCTION: IIB
 A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
 PROPERTY OWNER: CB BAGGS LLP 4 HICKORY HILL WEST SPRINGFIELD, MA 01089
 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: NORTHEAST UTILITIES 800-286-5000
 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
ATTACHED	PLUMBING DIAGRAM
ATTACHED	MOUNT MODIFICATION DESIGN

LOCATION MAP



SITE PHOTO



AT&T SITE NUMBER: CTL05140

BU #: 876326
 HAYDEN STATION

440 HAYDEN STATION ROAD WINDSOR, CT 06095

EXISTING
 96'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	5/6/22	GAC	PRELIMINARY REVIEW	LR
0	6/9/22	GAC	CONSTRUCTION	LR

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: 3 CORPORATE PARK DRIVE, SUITE 101 CLIFTON PARK, NY 12065
 VERONICA CHAPMAN - PROJECT MANAGER VERONICA.CHAPMAN@CROWNCastle.COM
 JASON D-AMICO - CONSTRUCTION MANAGER JASON.D-AMICO@CROWNCastle.COM
 HEATHER MILLER - AES HEATHER.MILLER@CROWNCastle.COM

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 - OPA65R-BU8DA ANTENNAS
 - REMOVE (3) CCI - TPA-65R-LCUUUU-H8 ANTENNAS
 - REMOVE (6) POWERAVE - LGP 21404 TMAs
 - REMOVE (1) RAYCAP - DC6-48-60-0-8F SQUID
 - RELOCATE (3) CCI - DMP65R-BU8DA ANTENNAS
 - RELOCATE (3) ERICSSON - RRUS-E2 B29 RADIOS
 - RELOCATE (3) ERICSSON - 8843 B2/B66A RADIOS
 - RELOCATE (3) ERICSSON - 4449 B5/B12 RADIOS
 - RELOCATE (3) ERICSSON - 4478 B14 RADIOS
 - INSTALL MOUNT MODIFICATIONS PER MOUNT ANALYSIS BY POD GROUP DATED 5/6/22
 - INSTALL (3) QUINTEL - QD8616-7 ANTENNAS
 - INSTALL (6) ERICSSON - AIR6449 B77D + AIR6419 B77G STACKED ANTENNAS WITH INTEGRATED RADIO
 - INSTALL (1) RAYCAP - DC9-48-60-24-8C-EV SQUID
 - INSTALL (1) 24 PAIR FIBER CABLE
 - INSTALL (1) 6AWG DC CABLE
 - INSTALL (6) Y CABLES
 - INSTALL (3) MOUNT PIPE ON V-FRAME OF SECTOR MOUNT

- GROUND SCOPE OF WORK:
- REMOVE (6) KATHREIN - 782 10250 DIPLEXERS
 - REMOVE UMTS CABINET
 - INSTALL (3) RECTIFIERS
 - INSTALL (1) 6648 W/ XCEDE

APPLICABLE CODES & REFERENCE DOCUMENTS

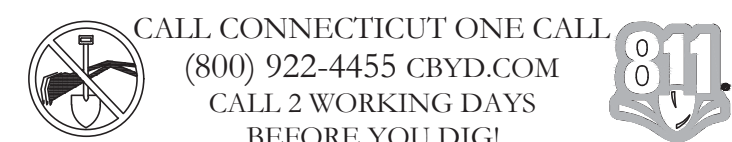
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

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:	BY OTHERS
DATED:	
MOUNT ANALYSIS:	POD GROUP
DATED:	5/6/22
RFDS REVISION:	PRELIMINARY
DATED:	3/29/22
ORDER ID:	608802
REVISION:	0

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR FULL SIZE. 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."
11. ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT SPECIFICATIONS, LATEST APPROVED REVISION.
21. 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.

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.
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.
4. NOTES AND DETAILS IN THE CONSTRUCTION DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
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.

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

- 1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 318.5, 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.
4. CONCRETE EXPOSED TO FREEZE--THAW CYCLES SHALL CONTAIN AIR ENTRAINING ADMIXTURES.
5. ALL STEEL REINFORCING SHALL CONFORM TO ASTM A615. ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185.
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.
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).
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).
15. ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
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.

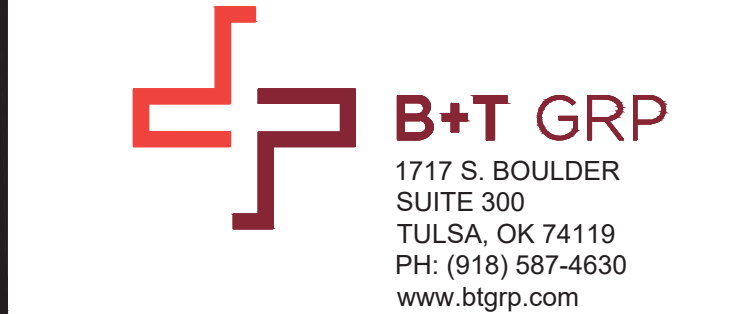
Table with 3 columns: SYSTEM, CONDUCTOR, and COLOR. Rows include 120/240V, 1Ø and 120/208V, 3Ø configurations with color coding for phases (A, B, C), neutral, and ground. Includes a section for DC VOLTAGE with POS (+) and NEG (-) markings.

APWA UNIFORM COLOR CODE:

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

ABBREVIATIONS:

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



AT&T SITE NUMBER: CTL05140

BU #: 876326 HAYDEN STATION

440 HAYDEN STATION ROAD WINDSOR, CT 06095

EXISTING 96'-0" MONOPOLE

ISSUED FOR:

Table with 5 columns: REV, DATE, DRWN, DESCRIPTION, DES./QA. Shows two revisions: 1 on 5/6/22 for PRELIMINARY REVIEW and 2 on 6/9/22 for CONSTRUCTION.



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

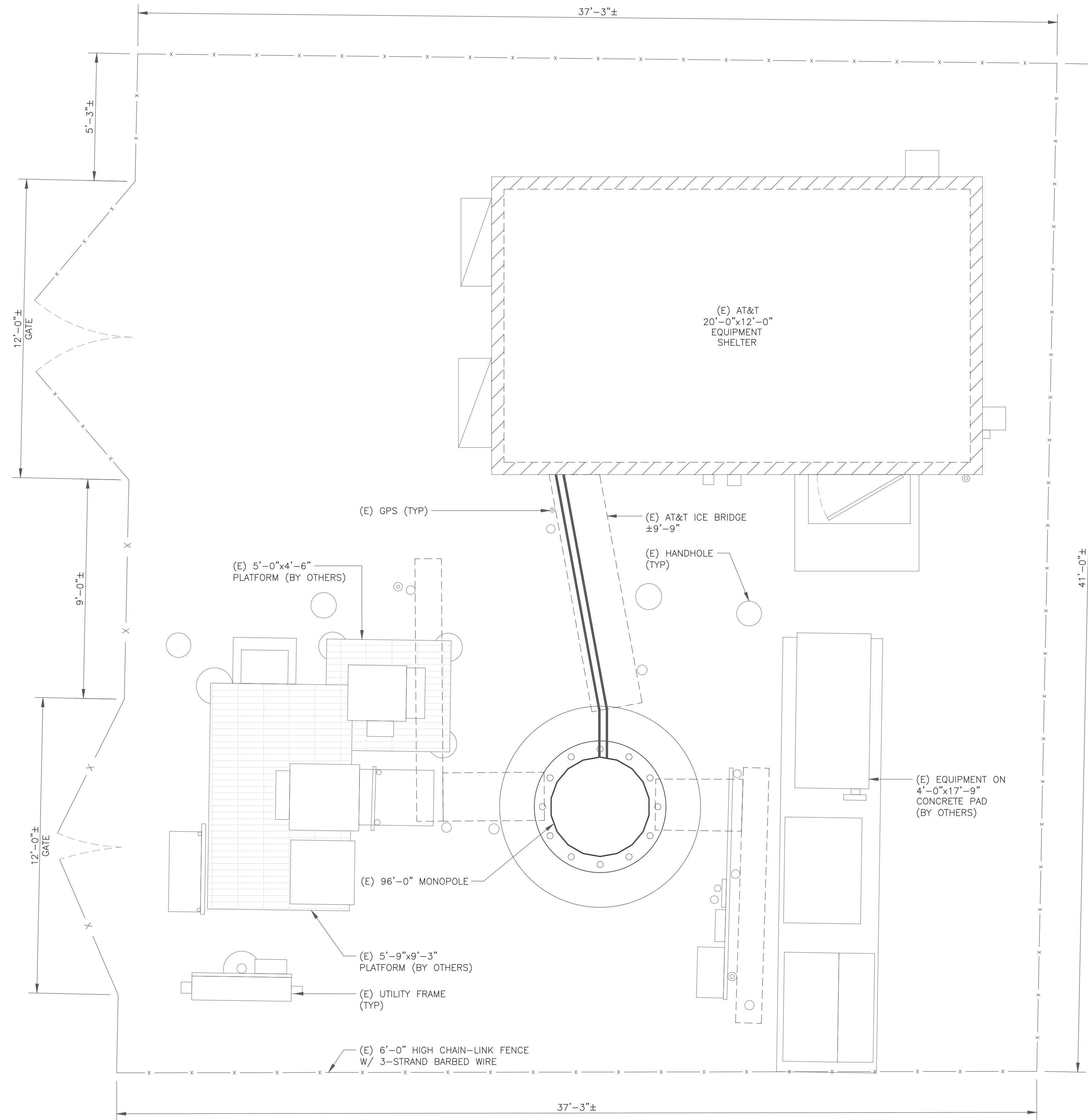
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SHEET NUMBER: T-2

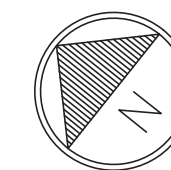
REVISION: 0

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 GROUND AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
5. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
6. EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, #6 STRANDED COPPER OR LARGER FOR INDOOR BTS; #2 BARE SOLID TINNED COPPER FOR OUTDOOR BTS.
7. CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED BACK TO BACK CONNECTIONS ON OPPOSITE SIDE OF THE GROUND BUS ARE PERMITTED.
8. ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
9. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
10. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED.
11. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
12. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.
13. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
14. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR.
15. APPROVED ANTIOXIDANT COATINGS (I.E. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
16. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
17. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
18. BOND ALL METALLIC OBJECTS WITHIN 6 FT. OF MAIN GROUND RING WITH (1) #2 BARE SOLID TINNED COPPER GROUND CONDUCTOR.
19. GROUND CONDUCTORS USED FOR THE FACILITY GROUNDING AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS.
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/O 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 NON-FERROUS METAL PIPING ONLY).



1 SITE PLAN
 SCALE: 3/8"=1'-0" (FULL SIZE)
 3/16"=1'-0" (11x17)



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

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

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

AT&T SITE NUMBER: CTL05140

BU #: 876326
HAYDEN STATION

440 HAYDEN STATION ROAD
 WINDSOR, CT 06095

EXISTING
 96'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	5/6/22	GAC	PRELIMINARY REVIEW	LR
0	6/9/22	GAC	CONSTRUCTION	LR



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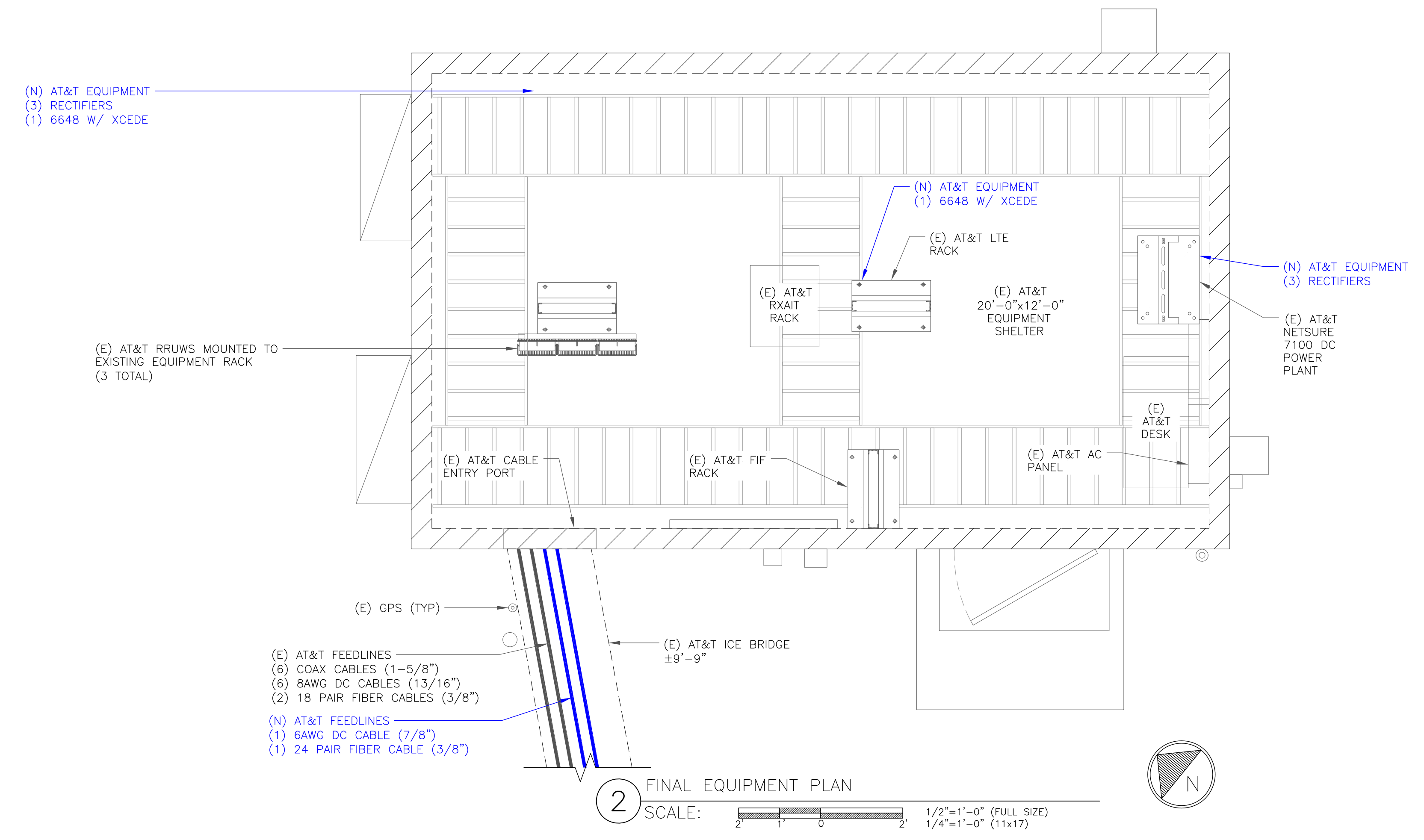
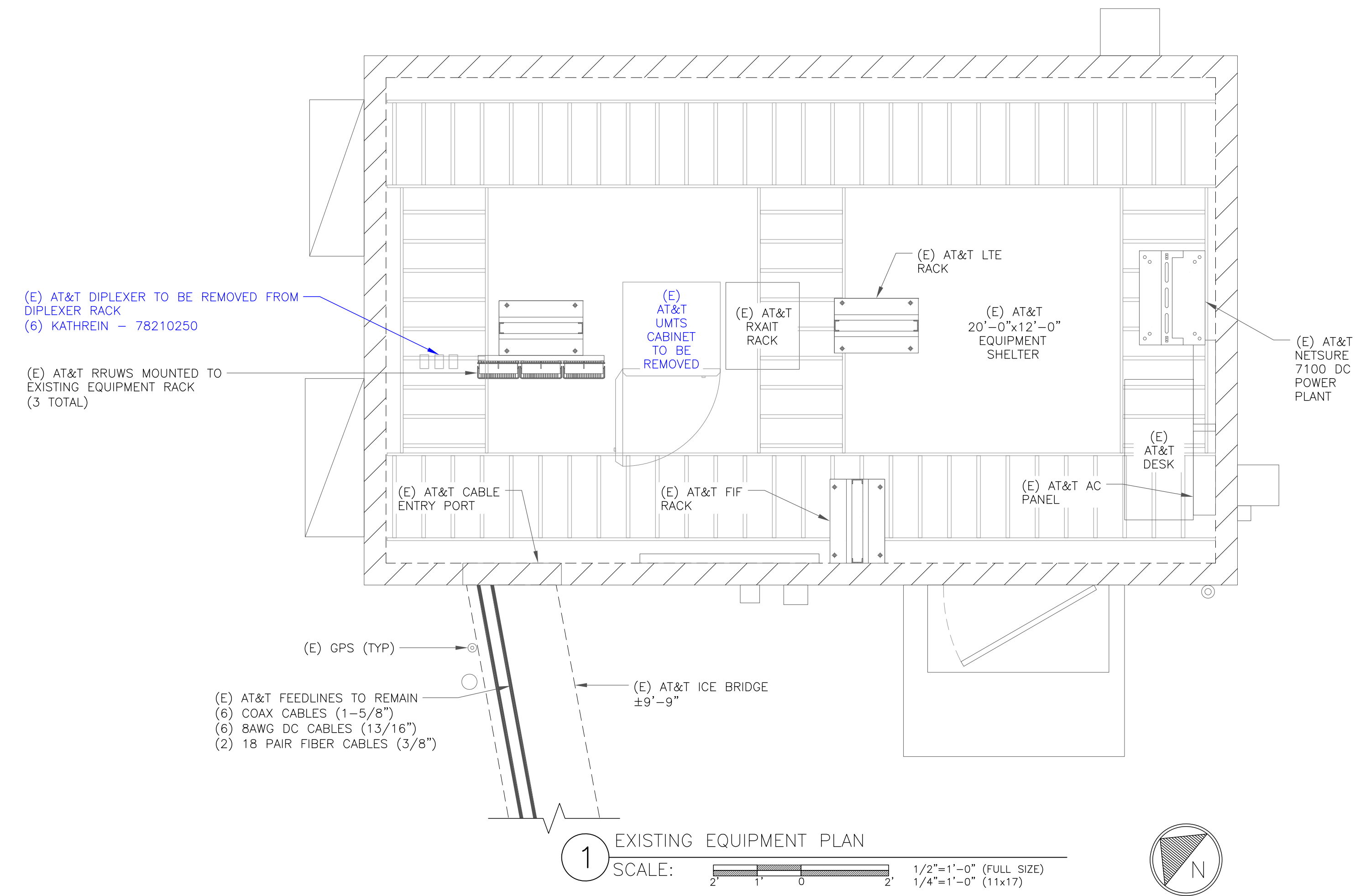
SHEET NUMBER: **C-1.1** REVISION: **0**

AT&T SITE NUMBER: CTL05140

BU #: 876326
HAYDEN STATION

440 HAYDEN STATION ROAD
WINDSOR, CT 06095

EXISTING
96'-0" MONOPOLE



- GROUND SCOPE OF WORK:**
- REMOVE (6) KATHREIN - 782 10250 DIPLEXERS
 - REMOVE UMTS CABINET
 - INSTALL (3) RECTIFIERS
 - INSTALL (1) 6648 W/ XCEDE

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.

ISSUED FOR:

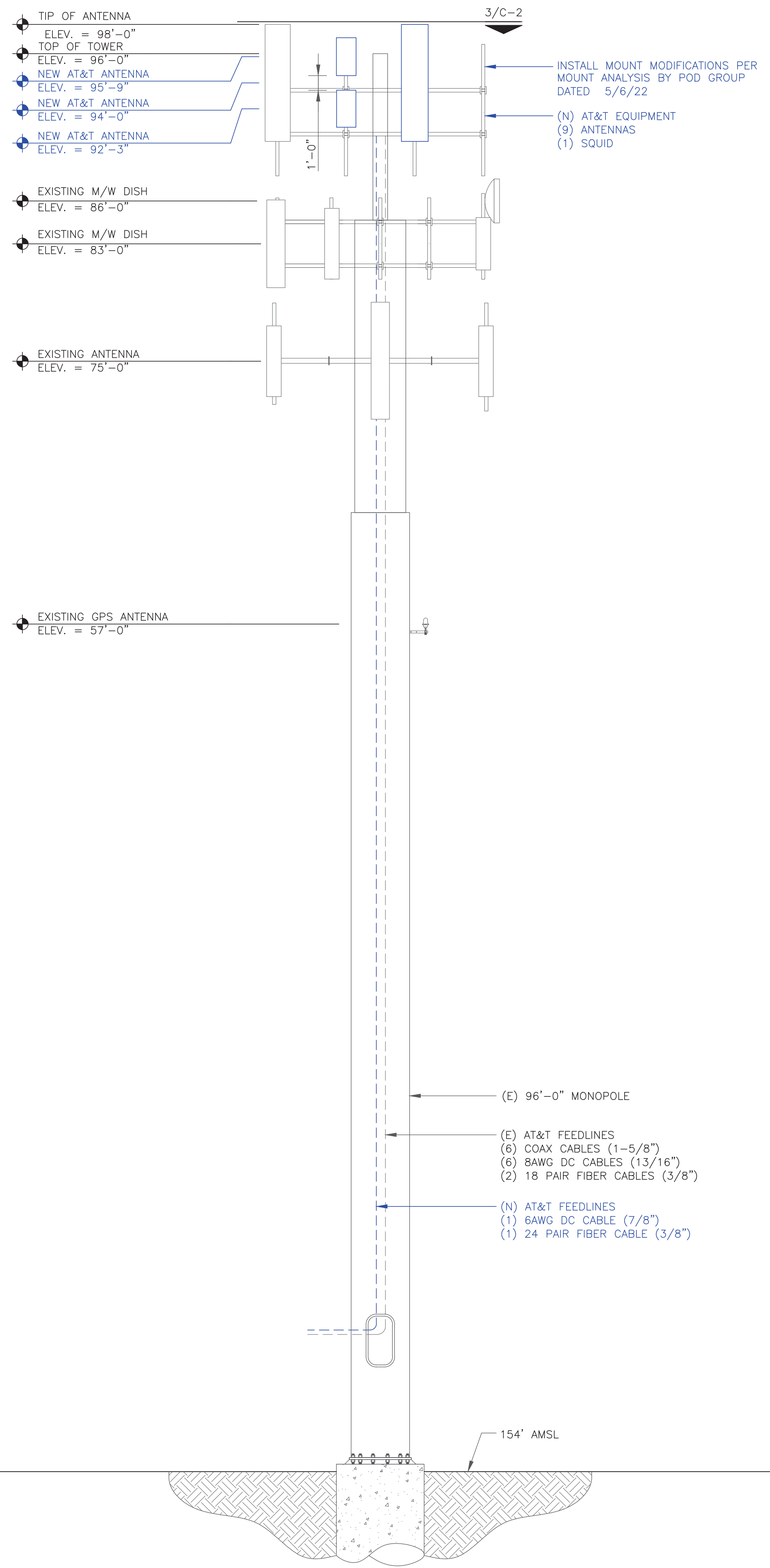
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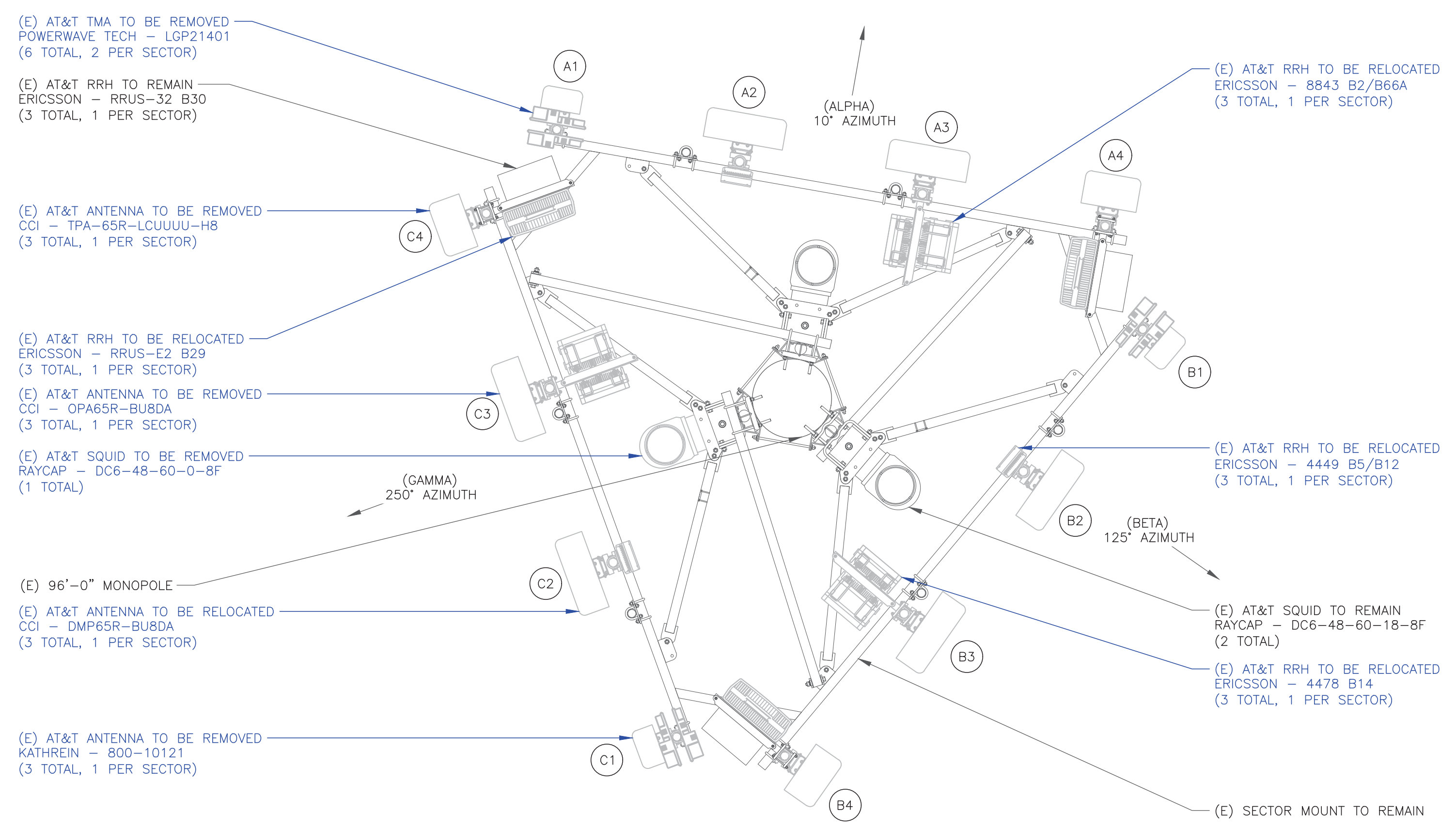
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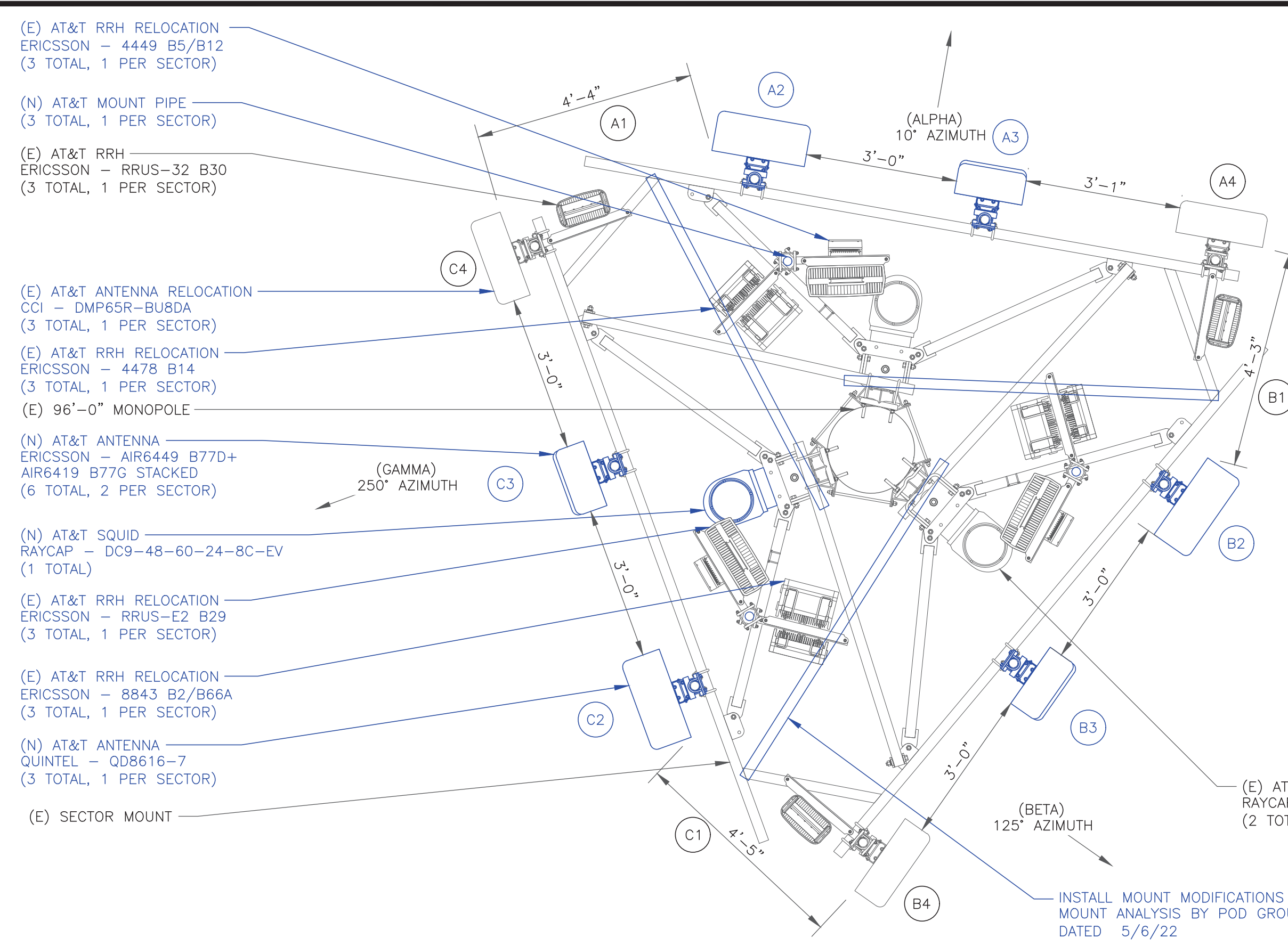
SHEET NUMBER: **C-1.2** REVISION: **0**



1 FINAL ELEVATION
SCALE: NOT TO SCALE



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



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

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

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

- INSTALLER NOTES:
- 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.

575 MOROSGO DRIVE
ATLANTA, GA 30324-3300

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

1717 S. BOULDER
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PH: (918) 587-4630
www.btgrp.com

AT&T SITE NUMBER: CTL05140

BU #: 876326
HAYDEN STATION

440 HAYDEN STATION ROAD
WINDSOR, CT 06095

EXISTING
96'-0" MONOPOLE

ISSUED FOR:

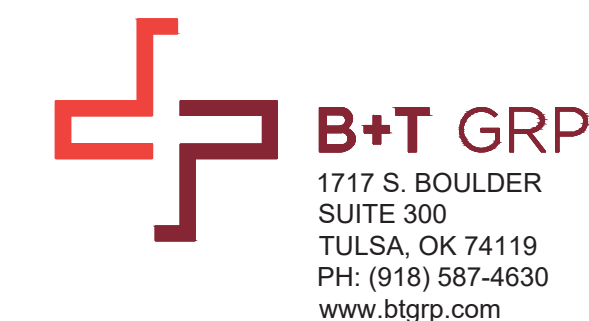
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6/9/22

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



AT&T SITE NUMBER: CTL05140

BU #: 876326
HAYDEN STATION

440 HAYDEN STATION ROAD
WINDSOR, CT 06095

EXISTING
96'-0" MONOPOLE

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	DES./QA
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0	6/9/22	GAC	CONSTRUCTION	LR



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SHEET NUMBER: **C-3** REVISION: **0**

FINAL EQUIPMENT SCHEDULE
(VERIFY WITH CURRENT RFDS)

ALPHA																				
POSITION	ANTENNA					RADIO				DIPLEXER				TMA		SURGE PROTECTION		CABLES		
	TECH.	STATUS/MANUFACTURER MODEL	AZIMUTH	RAD CENTER	QTY.	STATUS/MODEL	LOCATION	QTY.	STATUS	LOCATION	QTY.	STATUS/MANUFACTURER MODEL	QTY.	STATUS/MODEL	QTY.	STATUS/TYPE	SIZE	LENGTH		
A1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
A2	LTE/5G	(N) QUINTEL - QD8616-7	10°	94'-0"	1 1 1	(E) ERICSSON - 4478 B14 (E) ERICSSON - 8843 B2/B66A (N) Y CABLE (E) ERICSSON - RRUS-E2 B29	TOWER	-	-	-	-	-	-	1	(E) DC6-48-60-18-8F	1	(E) 18 PAIR FIBER	3/8"	144'-0"	
A3	5G DoD 5G CBAND	(N) ERICSSON - AIR6419 B77G (N) ERICSSON - AIR6449 B77D STACKED	10°	95'-9" 92'-3"	1	(N) INTEGRATED RADIO	TOWER	-	-	-	-	-	-	2	(E) 8AWG DC	13/16"	144'-0"	-		
A4	LTE/5G	(E) CCI - DMP65R-BU8DA	10°	94'-0"	1 1 1	(E) ERICSSON - 4449 B5/B12 (N) Y-CABLE (E) ERICSSON - RRUS-32 B30	TOWER	-	-	-	-	-	-	-	-	-	-	-	-	
BETA																				
B1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
B2	LTE/5G	(N) QUINTEL - QD8616-7	125°	94'-0"	1 1 1	(E) ERICSSON - 4478 B14 (E) ERICSSON - 8843 B2/B66A (N) Y CABLE (E) ERICSSON - RRUS-E2 B29	TOWER	-	-	-	-	-	-	1	(E) DC6-48-60-18-8F	1	(E) 18 PAIR FIBER	3/8"	144'-0"	
B3	5G DoD 5G CBAND	(N) ERICSSON - AIR6419 B77G (N) ERICSSON - AIR6449 B77D STACKED	125°	95'-9" 92'-3"	1	(N) INTEGRATED RADIO	TOWER	-	-	-	-	-	-	2	(E) 8AWG DC	13/16"	144'-0"	-		
B4	LTE/5G	(E) CCI - DMP65R-BU8DA	125°	94'-0"	1 1 1	(E) ERICSSON - 4449 B5/B12 (N) Y-CABLE (E) ERICSSON - RRUS-32 B30	TOWER	-	-	-	-	-	-	-	-	-	-	-	-	
GAMMA																				
C1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	(E) 8AWG DC	13/16"	144'-0"	
C2	LTE/5G	(N) QUINTEL - QD8616-7	250°	94'-0"	1 1 1	(E) ERICSSON - 4478 B14 (E) ERICSSON - 8843 B2/B66A (N) Y CABLE (E) ERICSSON - RRUS-E2 B29	TOWER	-	-	-	-	-	-	1	(N) DC9-48-60-24-8C-EV	1	(N) 24 PAIR FIBER	3/8"	144'-0"	
C3	5G DoD 5G CBAND	(N) ERICSSON - AIR6419 B77G (N) ERICSSON - AIR6449 B77D STACKED	250°	95'-9" 92'-3"	1	(N) INTEGRATED RADIO	TOWER	-	-	-	-	-	-	1	(N) 6AWG DC	7/8"	144'-0"	-		
C4	LTE/5G	(E) CCI - DMP65R-BU8DA	250°	94'-0"	1 1 1	(E) ERICSSON - 4449 B5/B12 (N) Y-CABLE (E) ERICSSON - RRUS-32 B30	TOWER	-	-	-	-	-	-	-	-	-	-	-	-	
UNUSED FEEDLINES:																6	COAX	1-5/8"	144'-0"	

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

AT&T SITE NUMBER: CTL05140

BU #: 876326
HAYDEN STATION

440 HAYDEN STATION ROAD
WINDSOR, CT 06095

EXISTING
96'-0" MONOPOLE

ISSUED FOR:

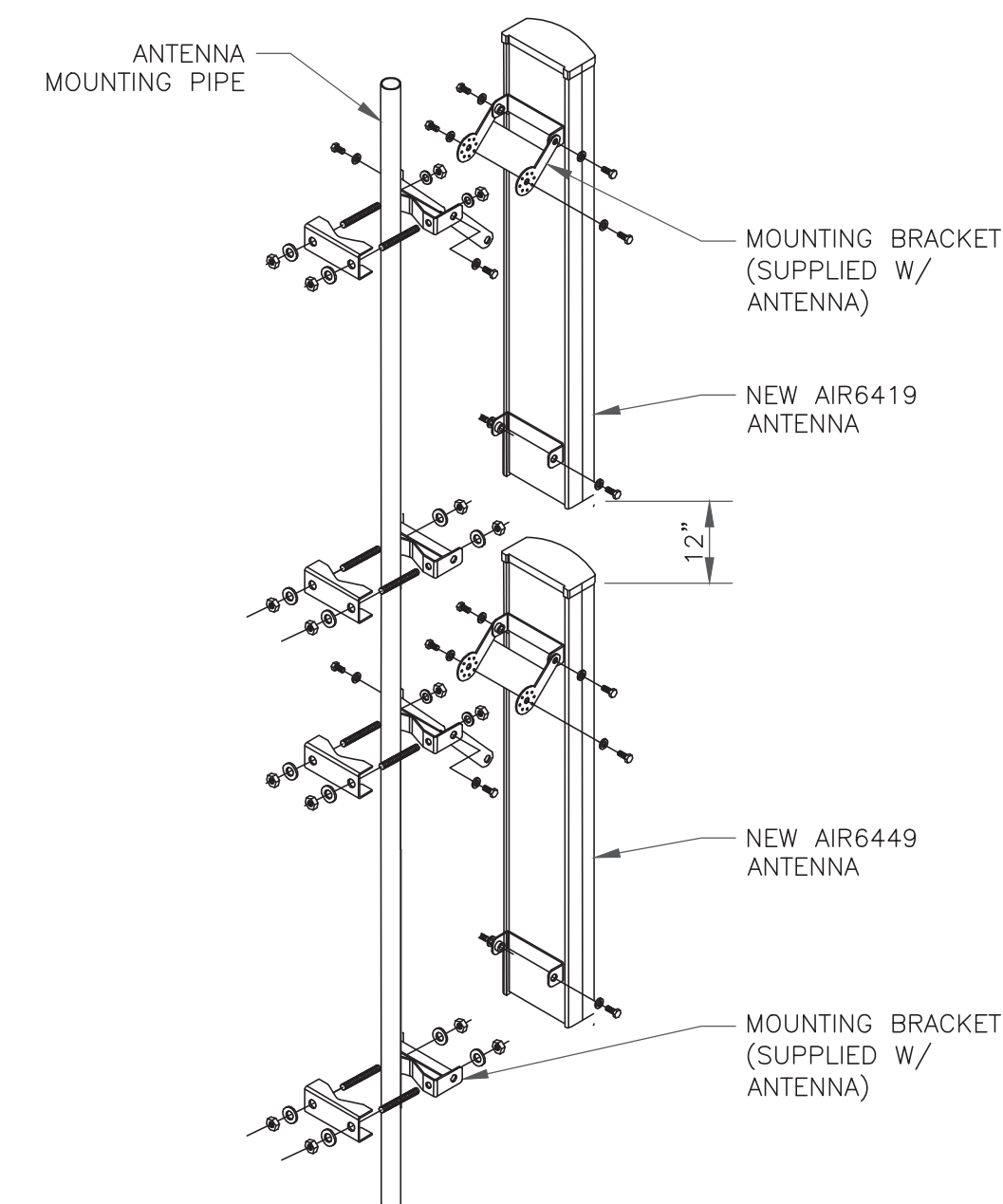
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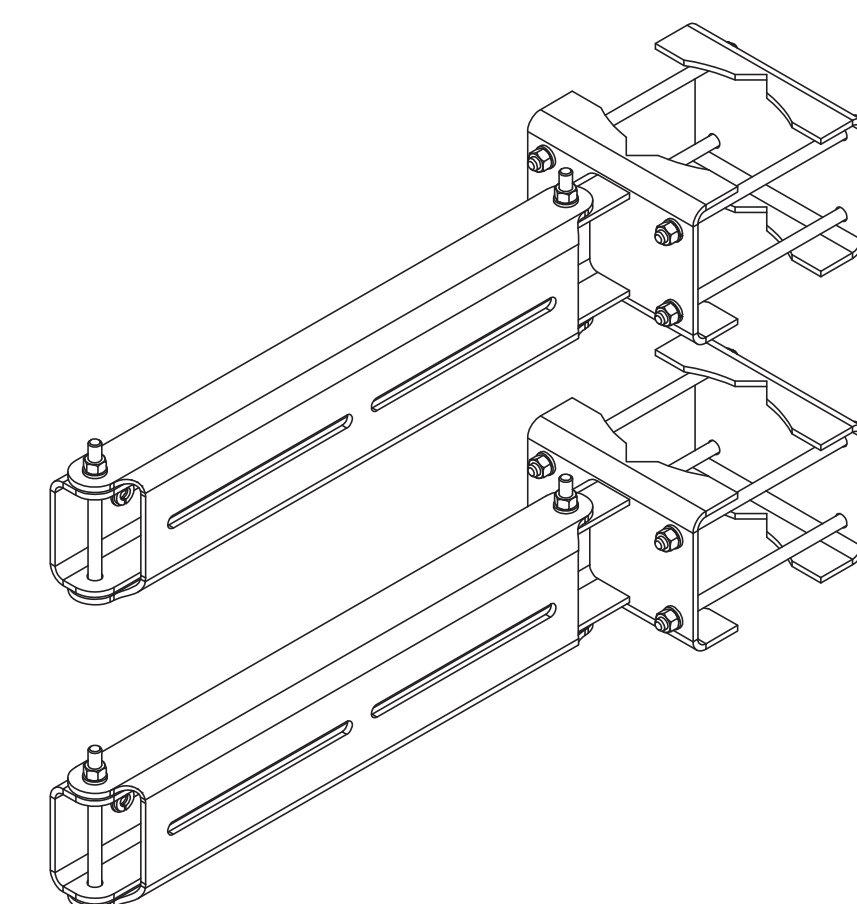
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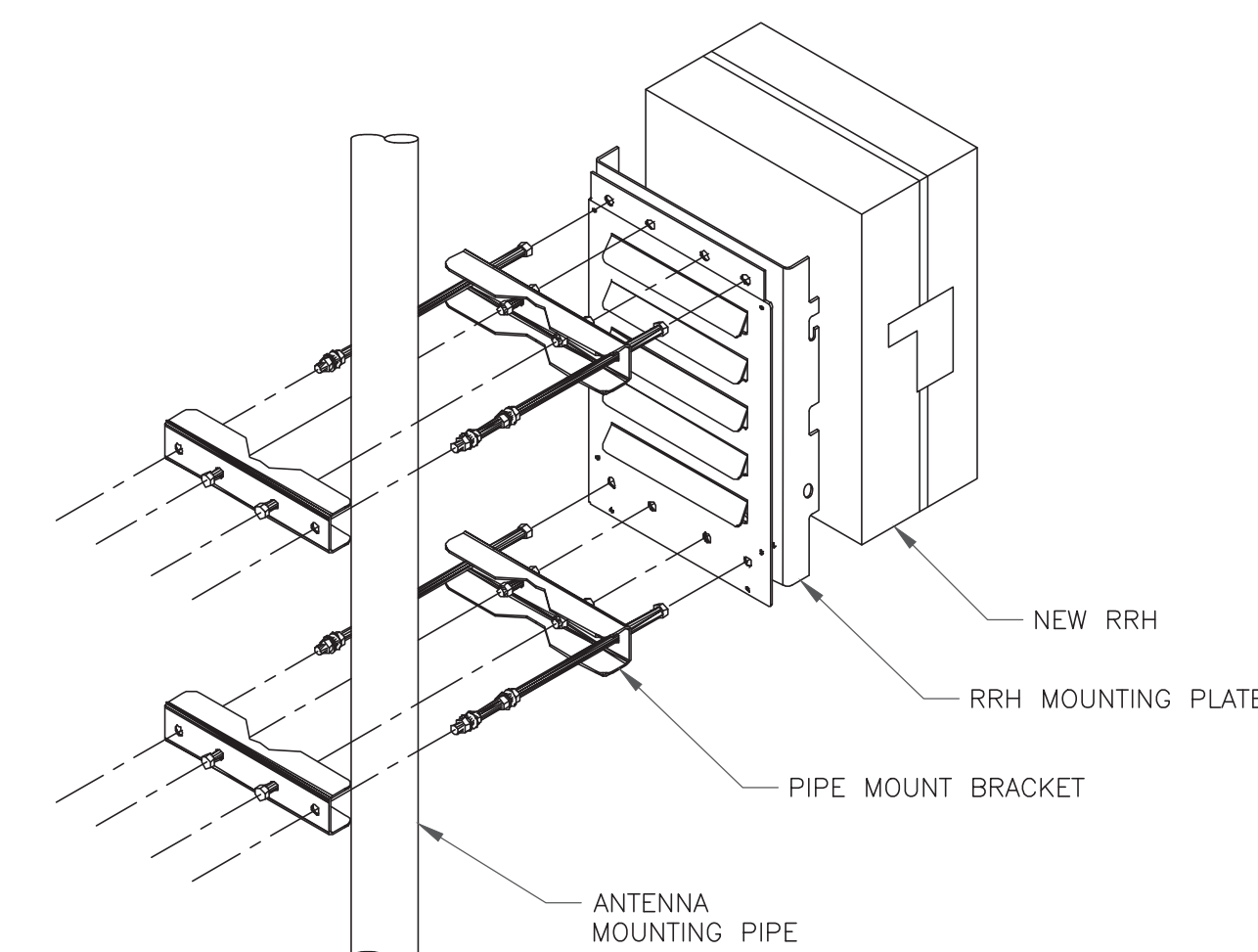
SHEET NUMBER: **C-4** REVISION: **0**



1 STACKED ANTENNA MOUNTING DETAIL
SCALE: NOT TO SCALE



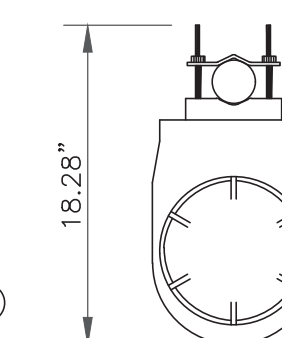
2 DUAL RADIO MOUNT
SCALE: NOT TO SCALE



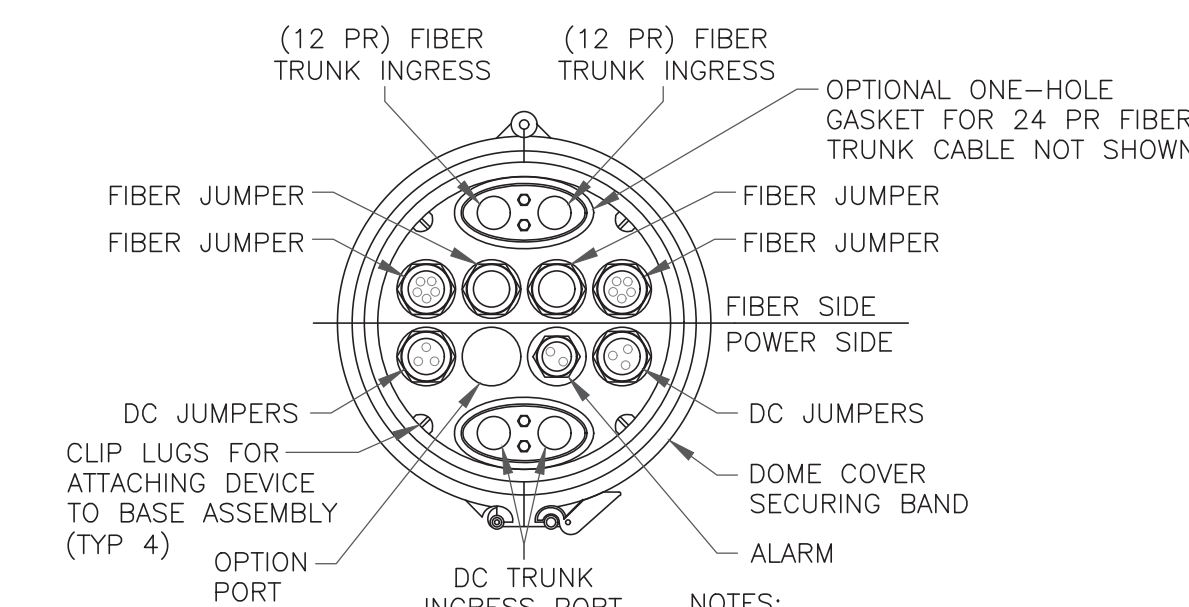
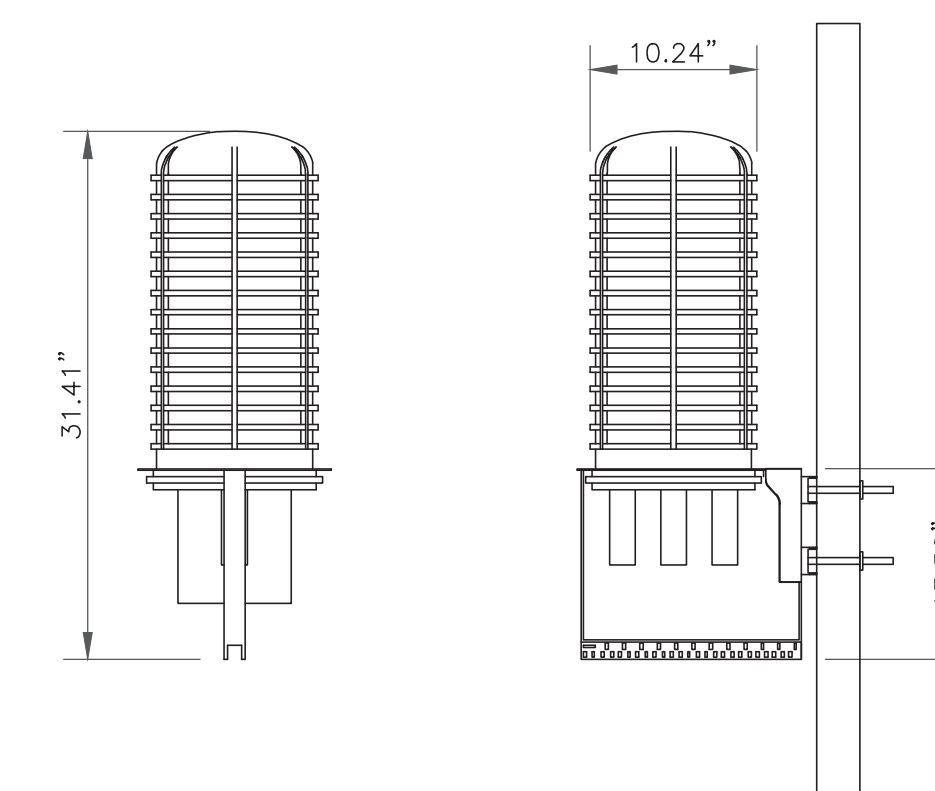
3 SINGLE RRH MOUNTING DETAIL
SCALE: NOT TO SCALE

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)



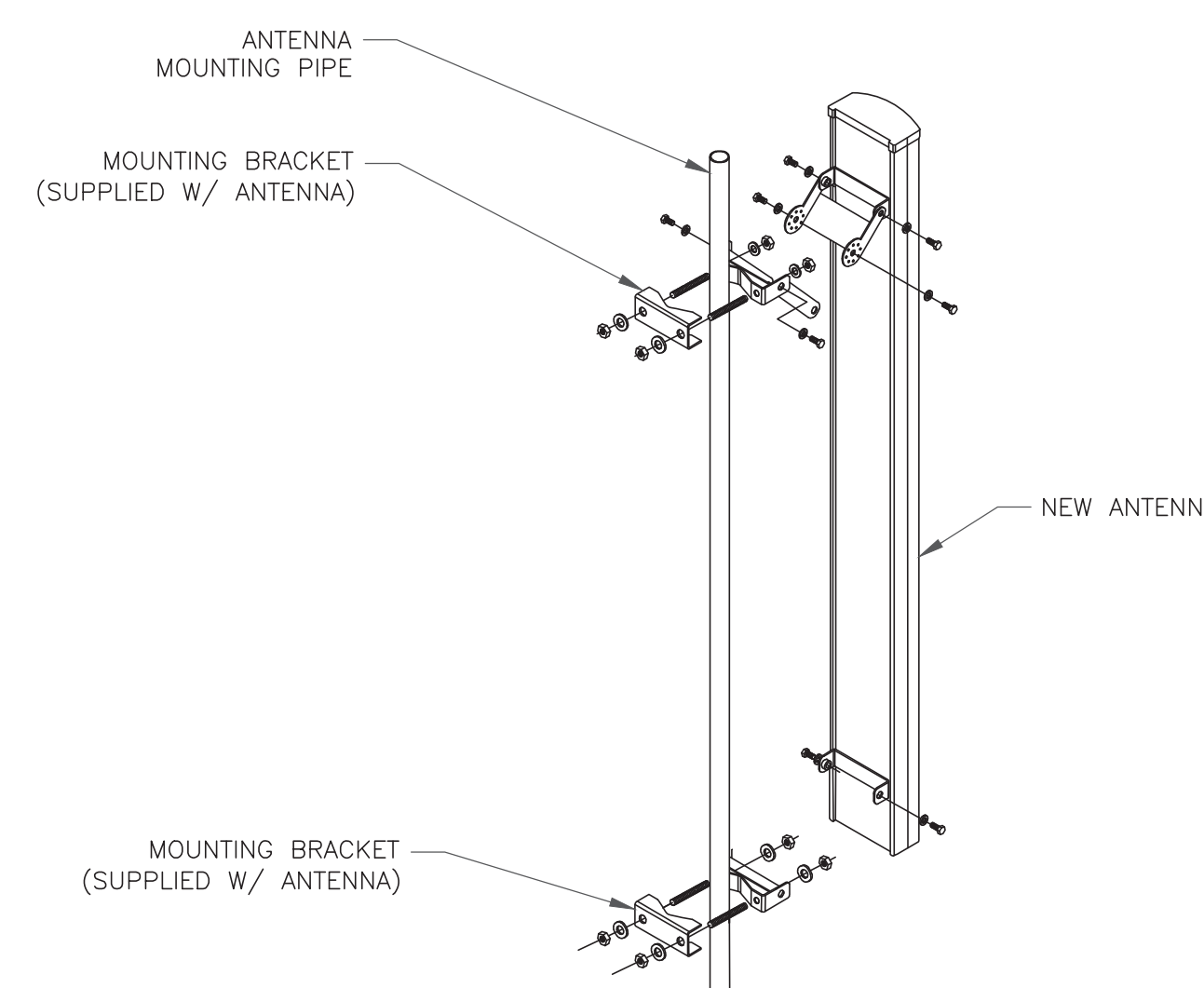
CONTRACTOR TO USE "THREAD LUBRICANT" ON
MOUNTING BOLTS DURING INSTALLATION



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

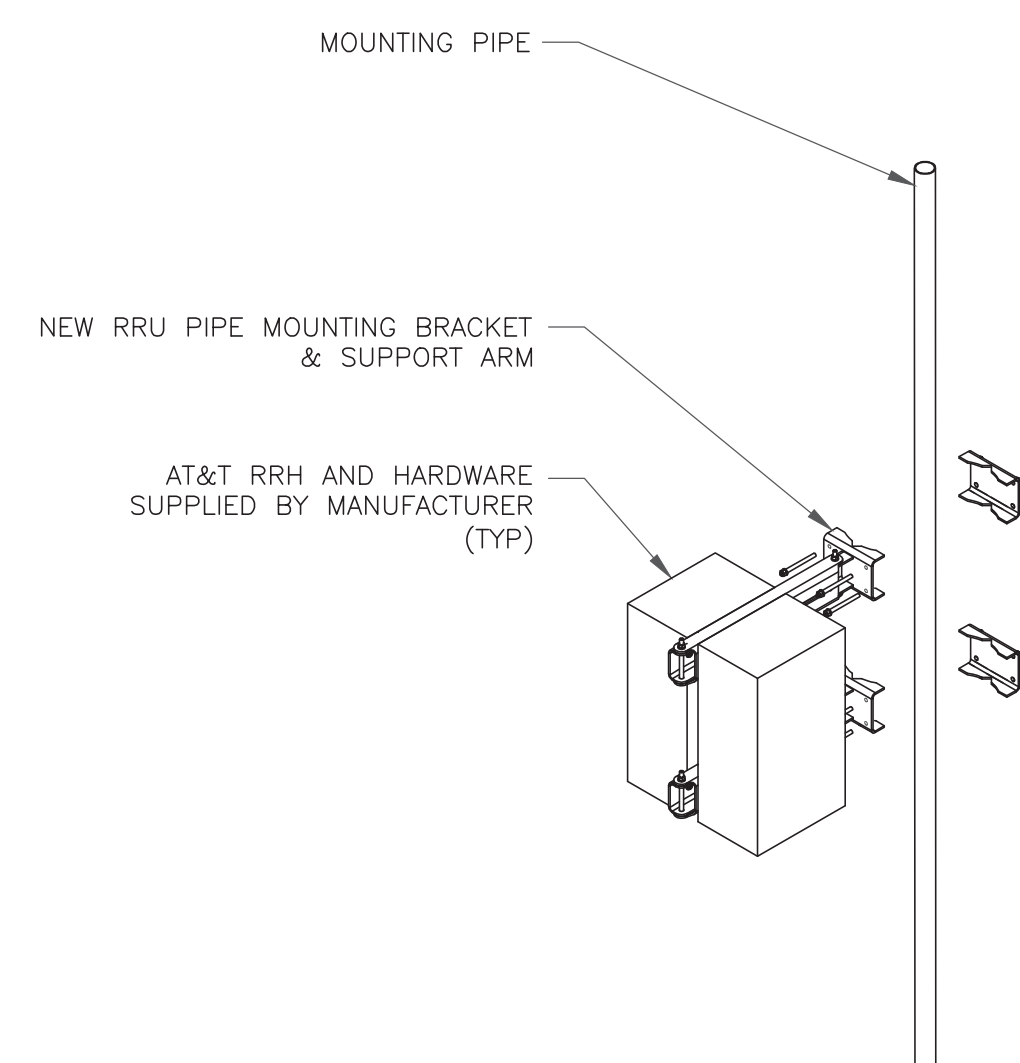
6 SQUID MOUNTING DETAIL
SCALE: NOT TO SCALE

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.

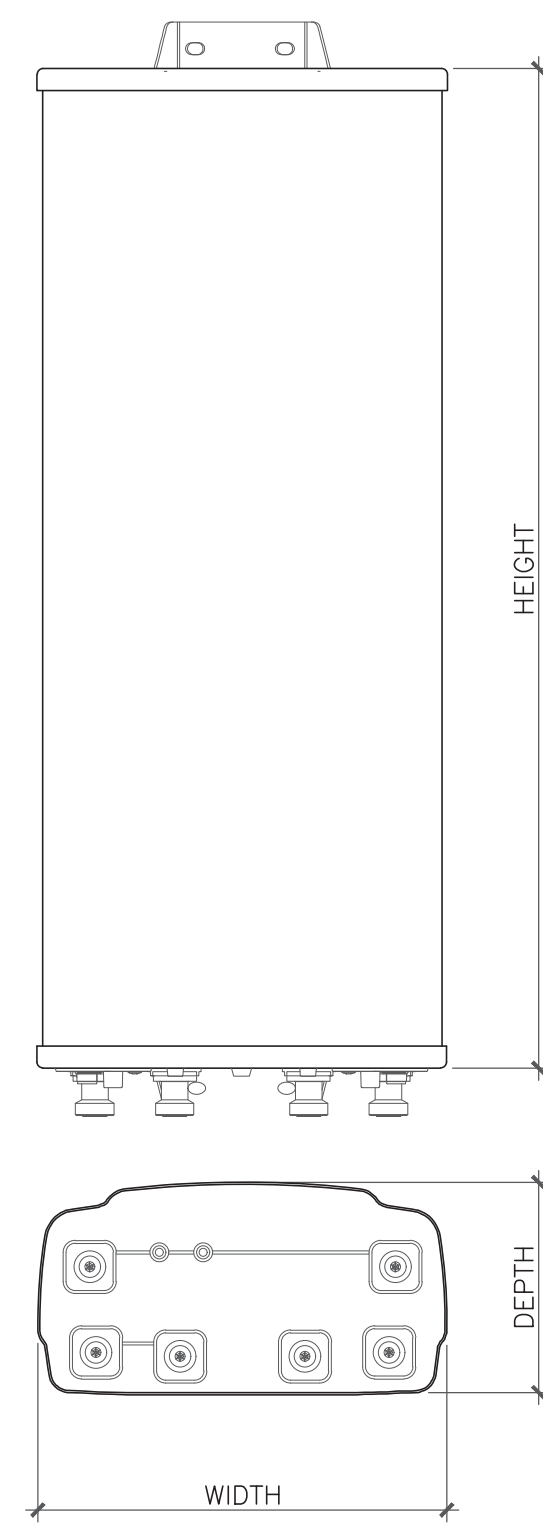


5 ANTENNA MOUNTING DETAIL
SCALE: NOT TO SCALE

INSTALLER NOTES:
1. COMPLY WITH MANUFACTURERS
INSTRUCTIONS TO ENSURE THAT ALL RRHs
RECEIVE ELECTRICAL POWER WITHIN 24
HOURS OF BEING REMOVED FROM THE
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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.

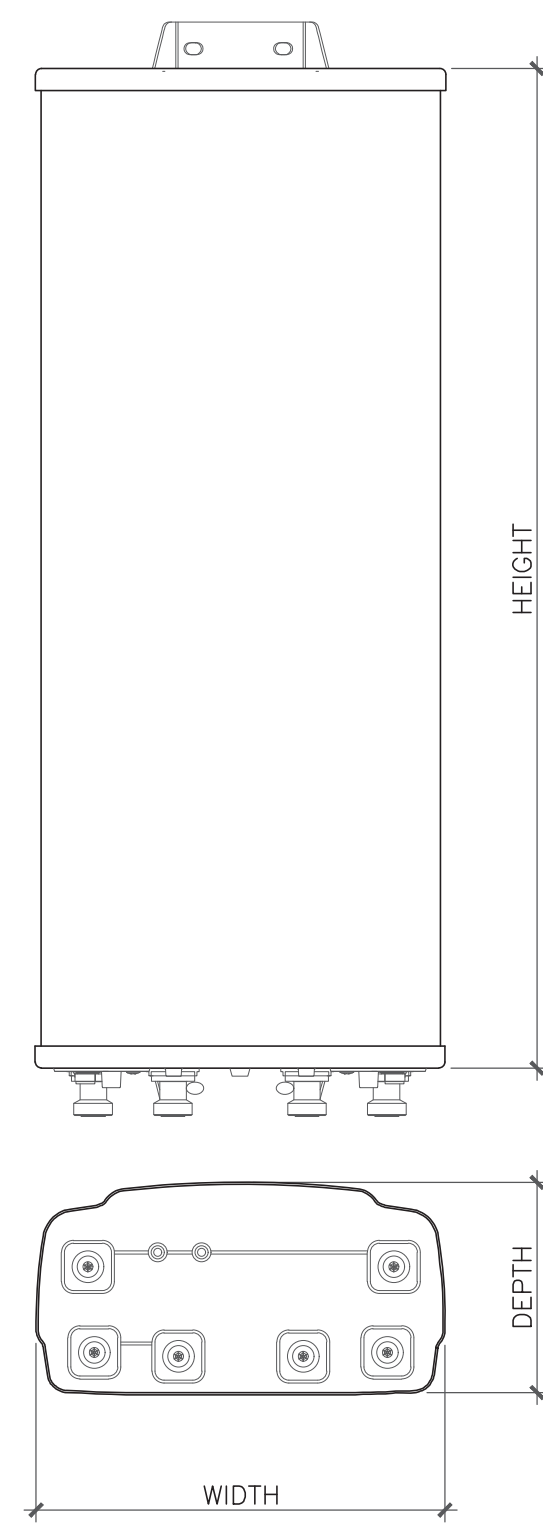


4 DUAL RRH MOUNTING DETAIL
SCALE: NOT TO SCALE



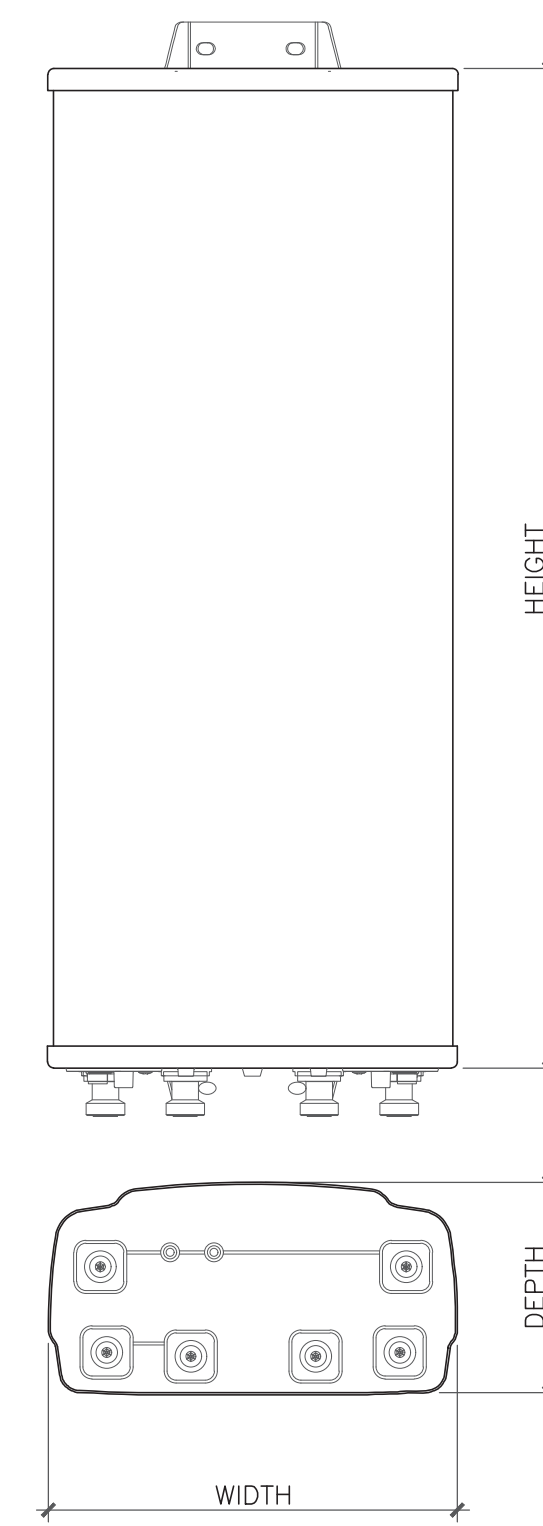
ANTENNA DIMENSIONS (INCHES)				
MODEL	HEIGHT	WIDTH	DEPTH	WEIGHT
QD8617-7	96"	22"	9.6"	150 lbs

1 ANTENNA DETAIL
SCALE: NOT TO SCALE



ANTENNA DIMENSIONS (INCHES)				
MODEL	HEIGHT	WIDTH	DEPTH	WEIGHT
AIR6449 B77D	30.3"	15.87"	8.07"	81.6 lbs

2 ANTENNA DETAIL
SCALE: NOT TO SCALE



ANTENNA DIMENSIONS (INCHES)				
MODEL	HEIGHT	WIDTH	DEPTH	WEIGHT
AIR6419 B77G	31.1"	16.1"	7.3"	44 lbs

3 ANTENNA DETAIL
SCALE: NOT TO SCALE

575 MOROSGO DRIVE
ATLANTA, GA 30324-3300

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

1717 S. BOULDER
SUITE 300
TULSA, OK 74119
PH: (918) 587-4630
www.btgrp.com

AT&T SITE NUMBER: **CTL05140**

BU #: **876326**
HAYDEN STATION

440 HAYDEN STATION ROAD
WINDSOR, CT 06095

EXISTING
96'-0" MONOPOLE

ISSUED FOR:

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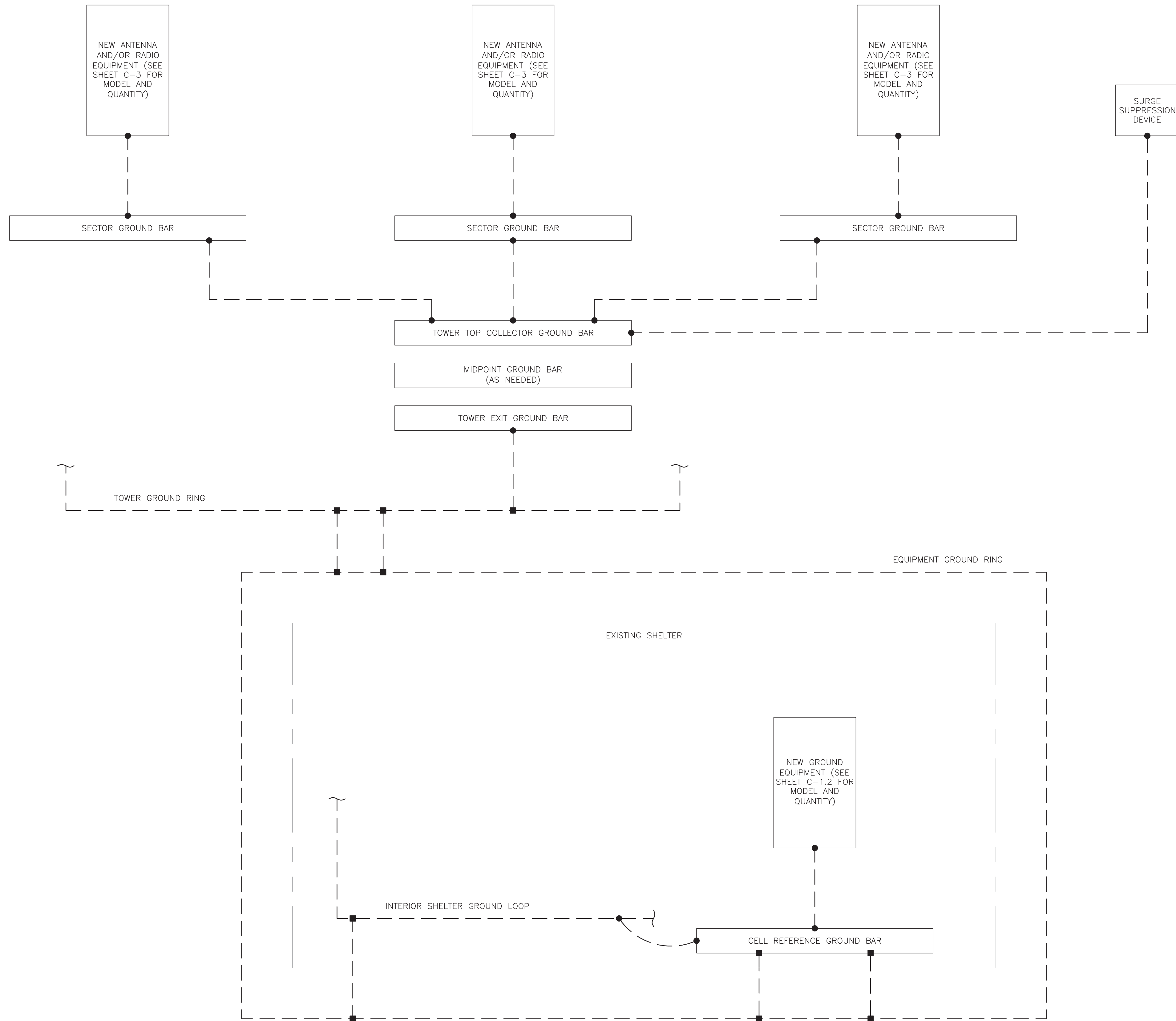
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SHEET NUMBER: C-5	REVISION: 0
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4 NOT USED
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE

5 NOT USED
SCALE: NOT TO SCALE



GROUNDING PLAN LEGEND:

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

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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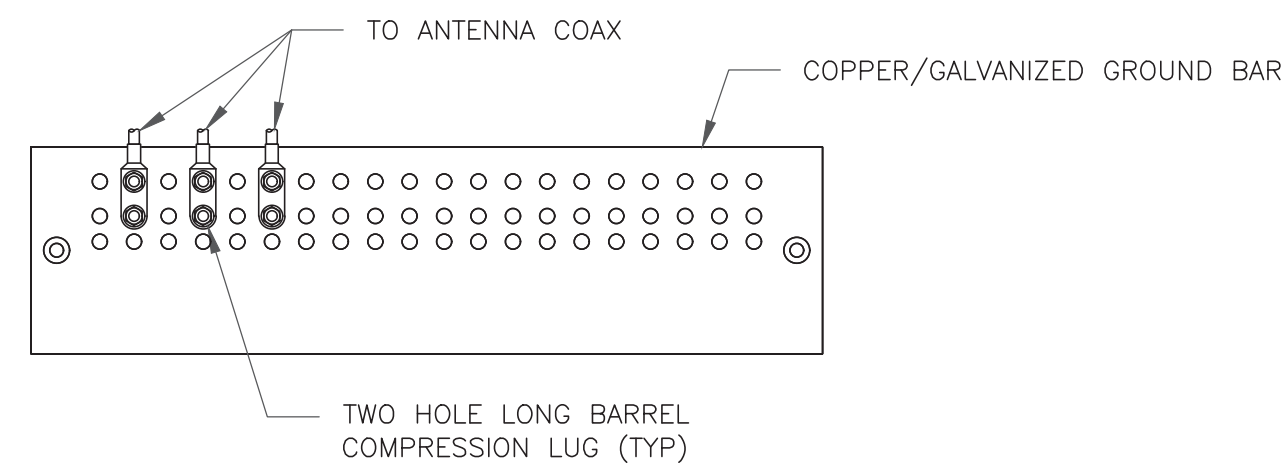
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1 GROUNDING SCHEMATIC
SCALE: NOT TO SCALE

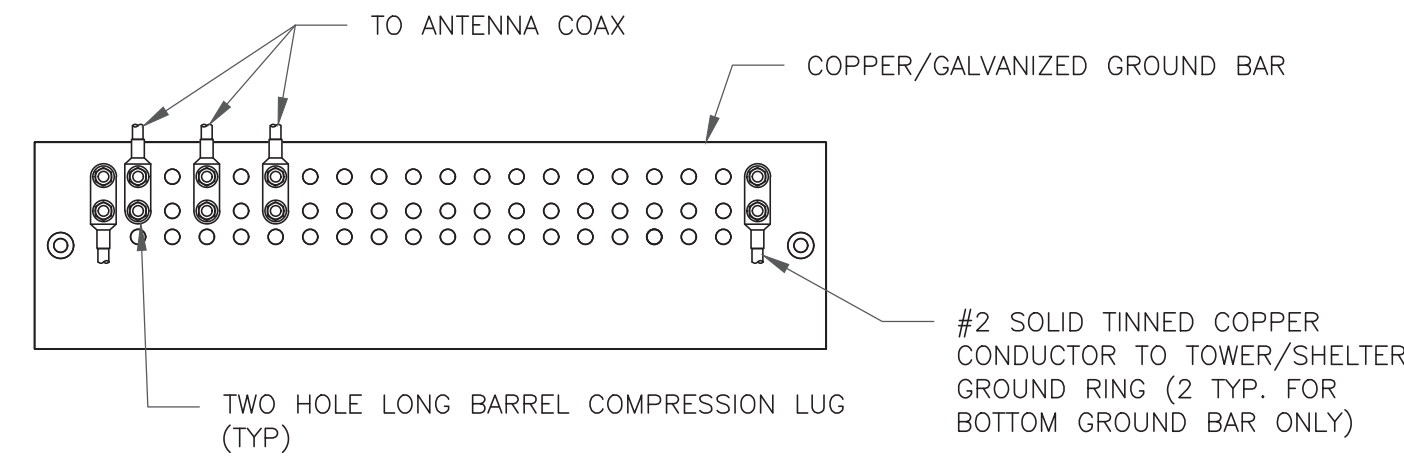
SHEET NUMBER: G-1	REVISION: 0
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NOTES:

- 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

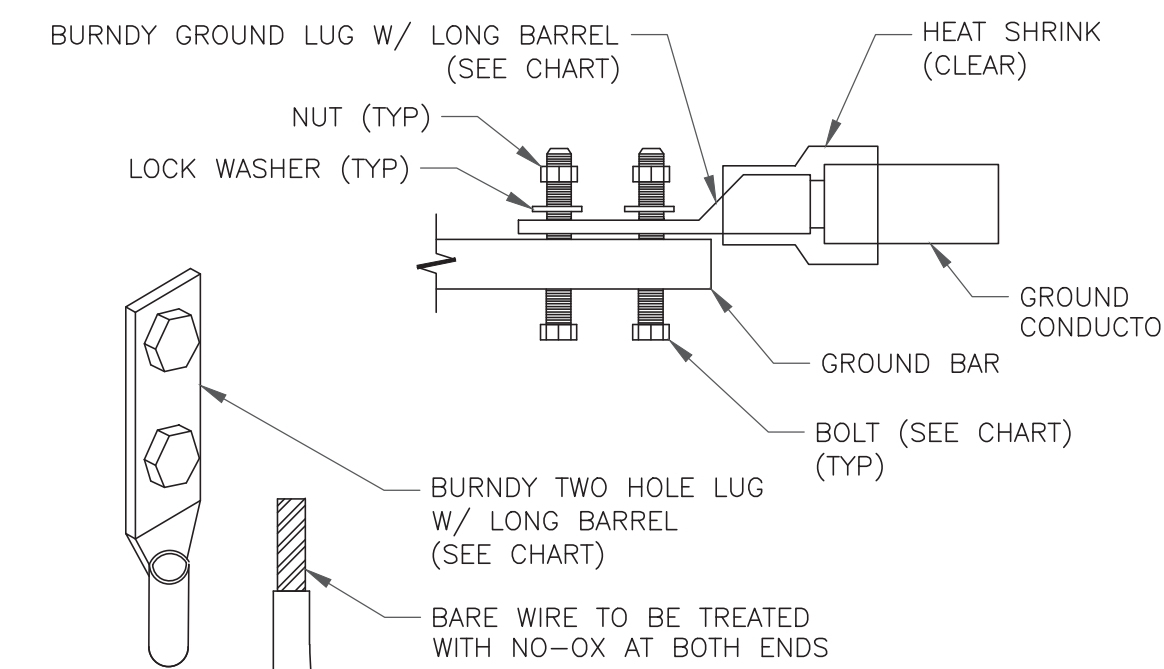


NOTES:

- 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

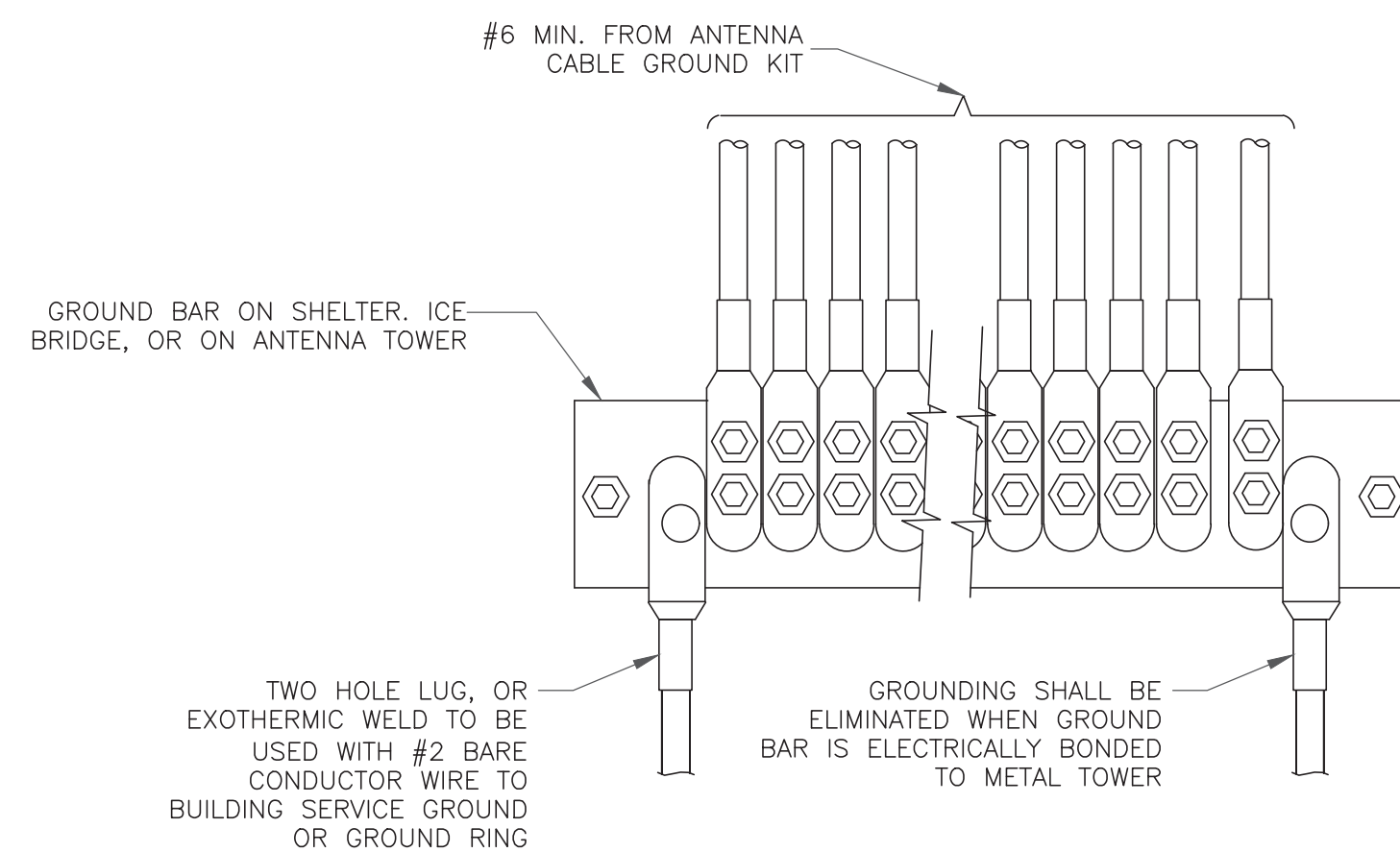
WIRE SIZE	BURNDY LUG	BOLT SIZE
#6 GREEN INSULATED	YA6C-2TC38	3/8" - 16 NC SS 2 BOLT
#2 SOLID TINNED	YA3C-2TC38	3/8" - 16 NC SS 2 BOLT
#2 STRANDED	YA2C-2TC38	3/8" - 16 NC SS 2 BOLT
#2/0 STRANDED	YA26-2TC38	3/8" - 16 NC SS 2 BOLT
#4/0 STRANDED	YA28-2N	1/2" - 16 NC SS 2 BOLT



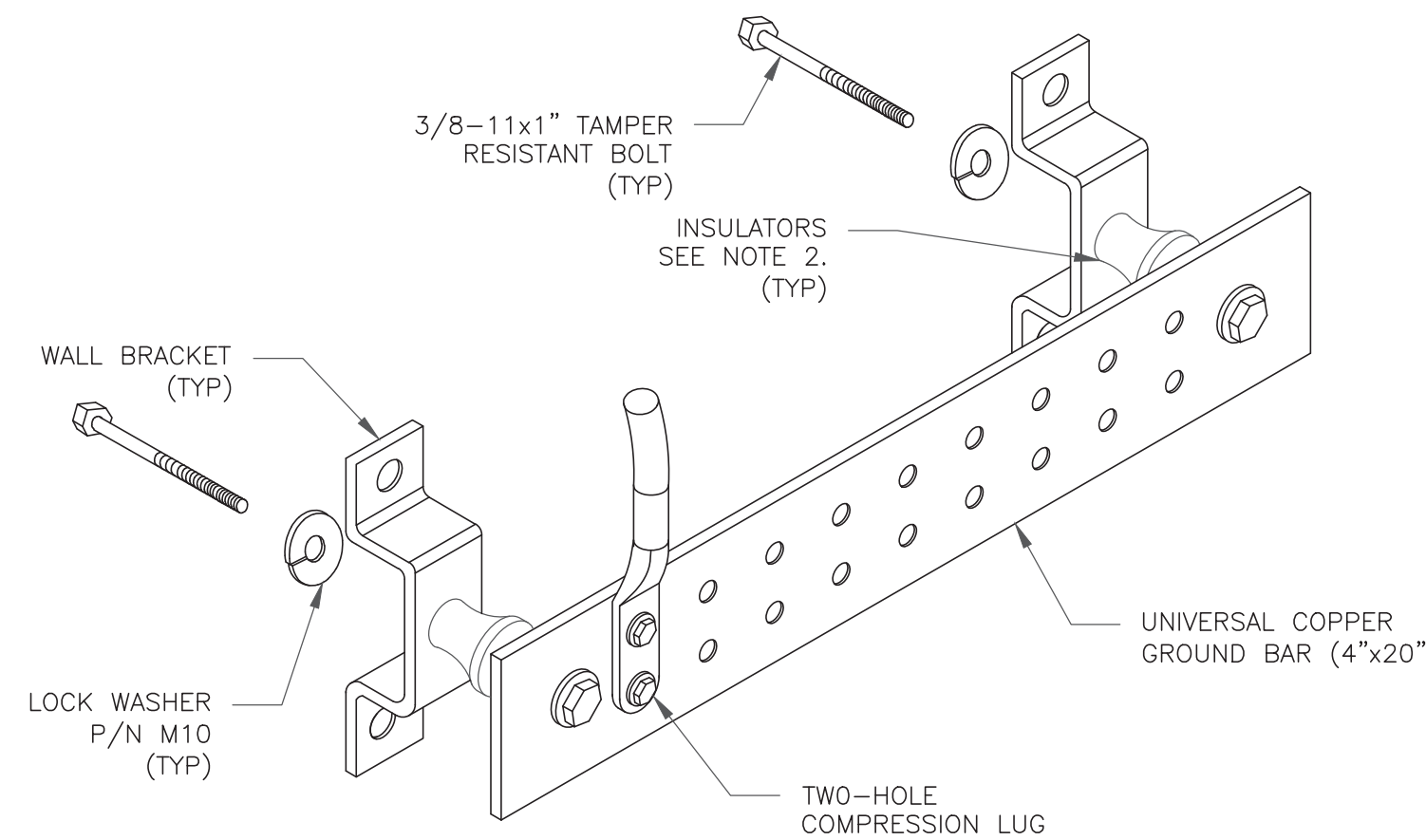
NOTE:

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



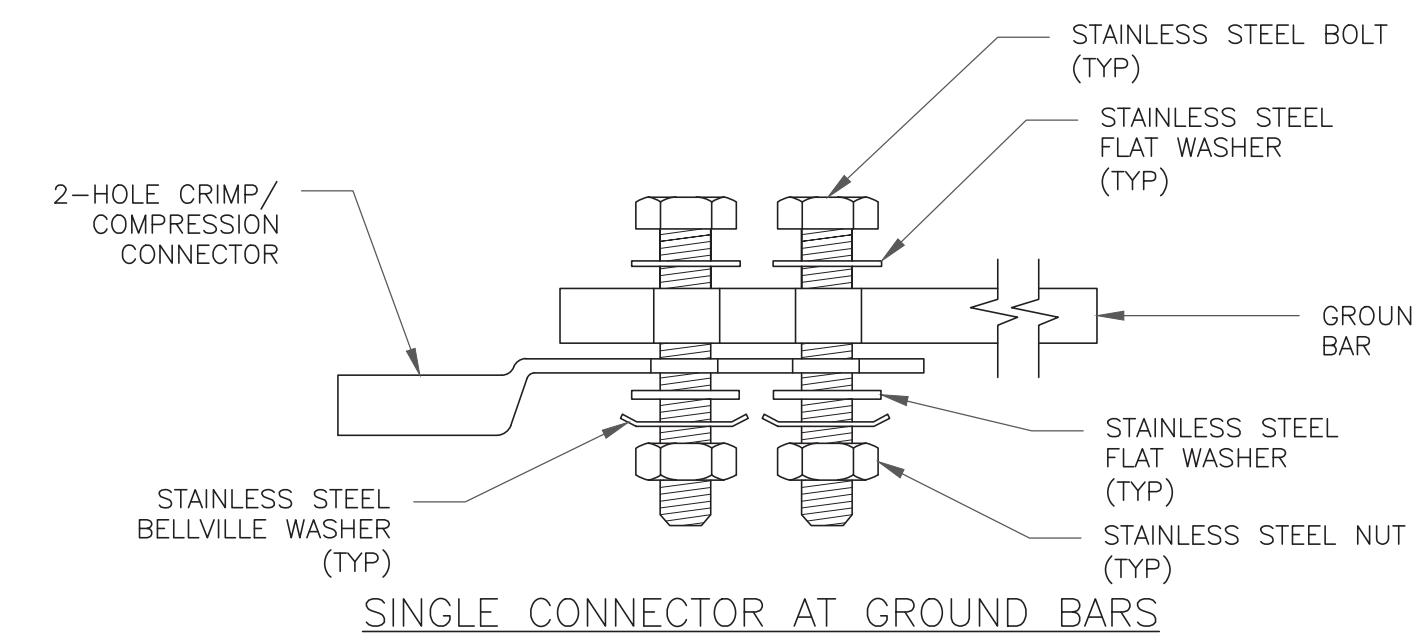
4 GROUNDWIRE INSTALLATION
SCALE: NOT TO SCALE



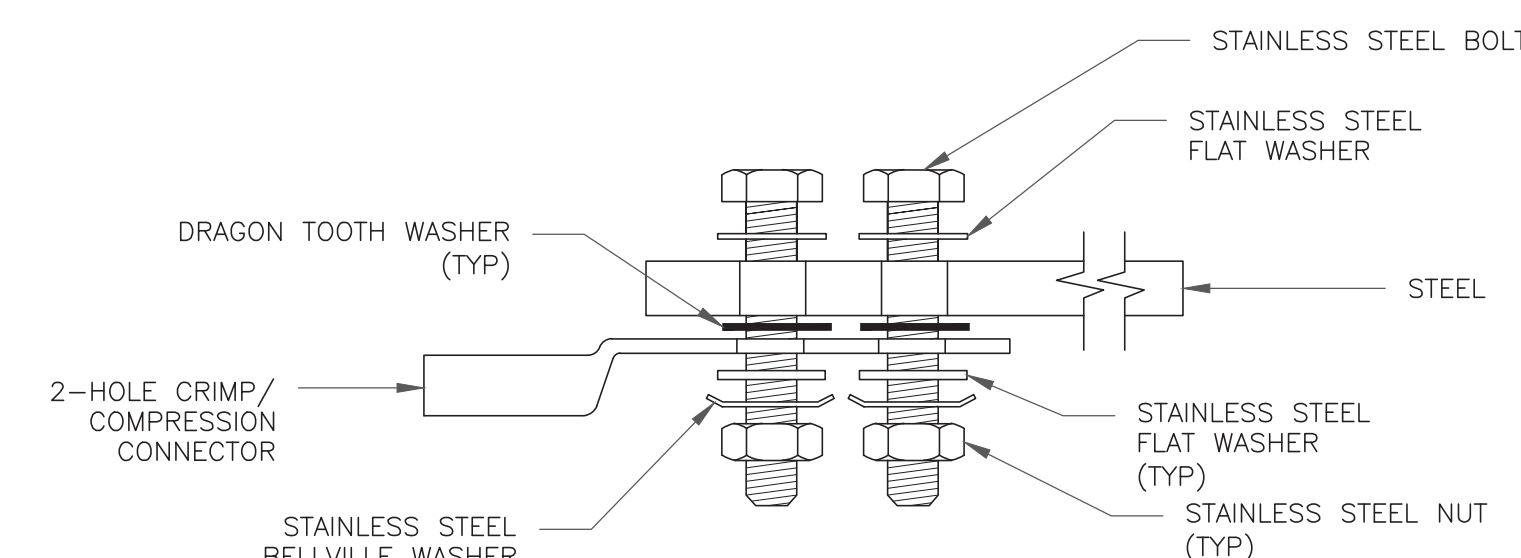
NOTES:

- 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.

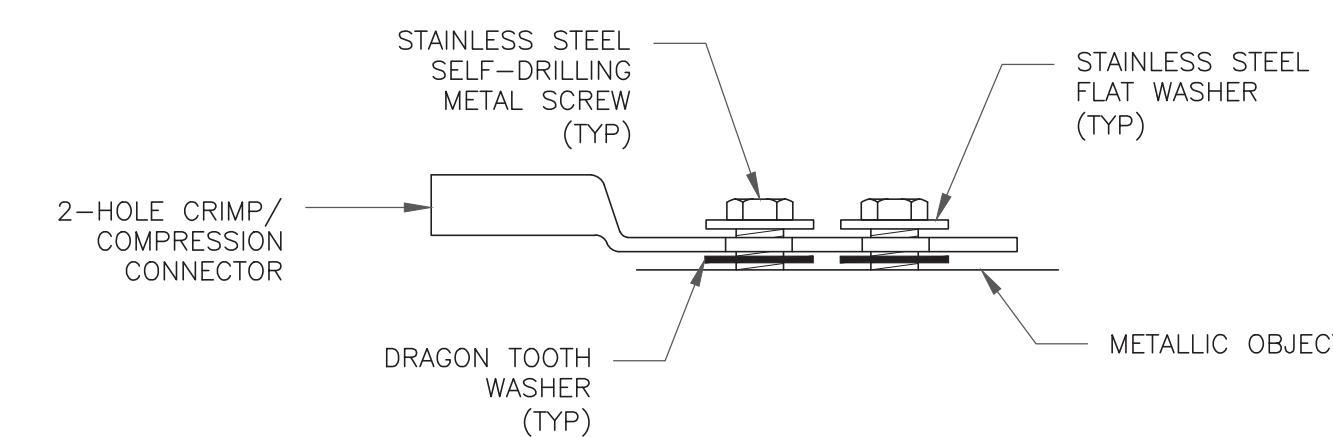
5 GROUND BAR DETAIL
SCALE: NOT TO SCALE



SINGLE CONNECTOR AT GROUND BARS

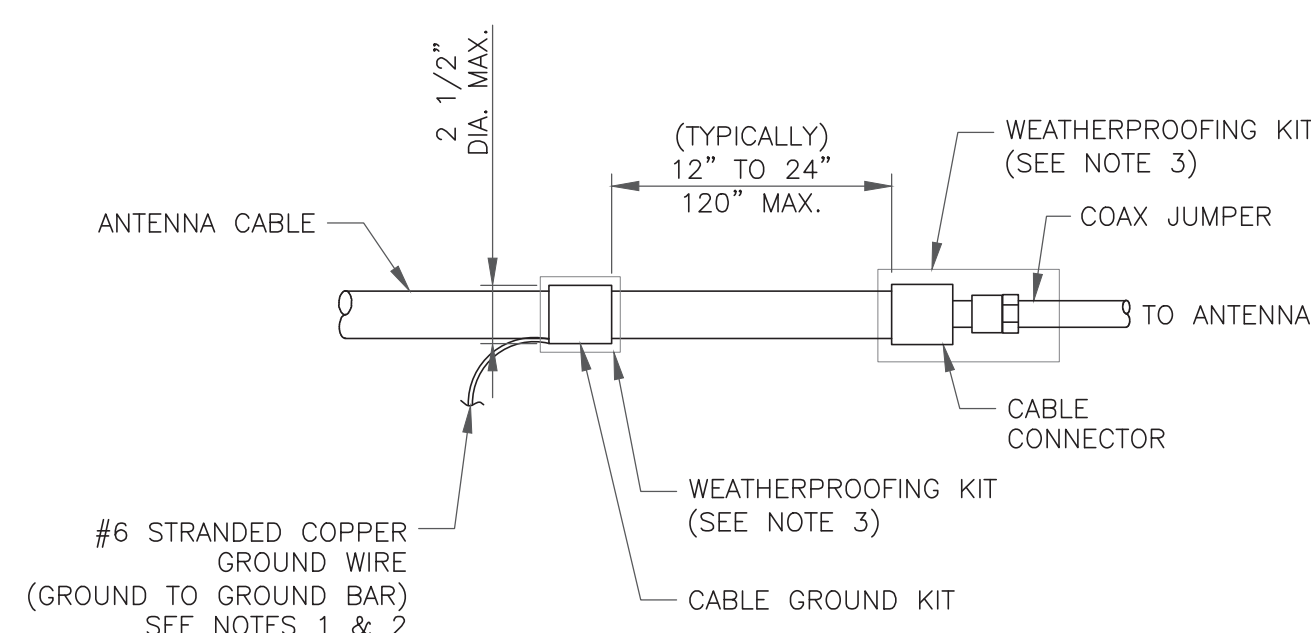


SINGLE CONNECTOR AT STEEL OBJECTS



SINGLE CONNECTOR AT METALLIC/STEEL OBJECTS

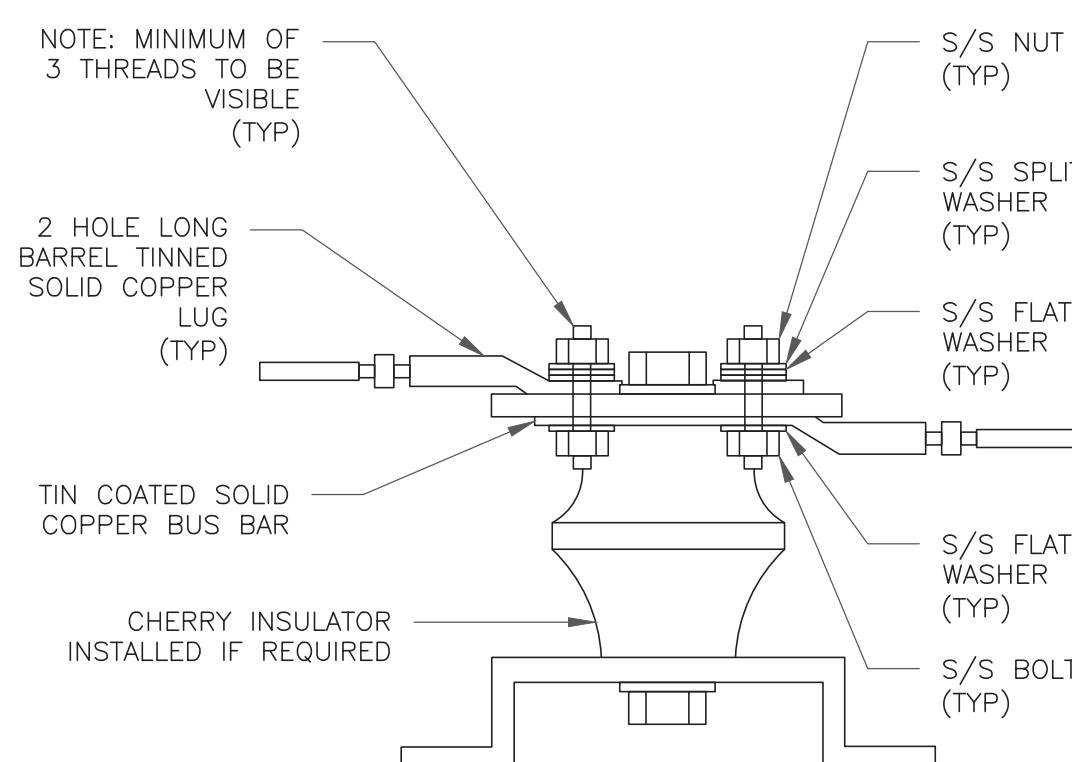
8 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



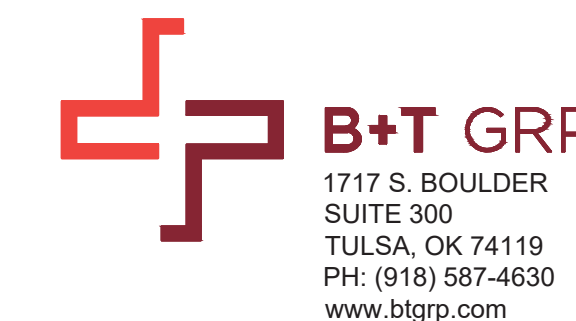
NOTES:

- 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



AT&T SITE NUMBER: CTL05140

BU #: 876326
HAYDEN STATION

440 HAYDEN STATION ROAD
WINDSOR, CT 06095

EXISTING
96'-0" MONOPOLE

ISSUED FOR:

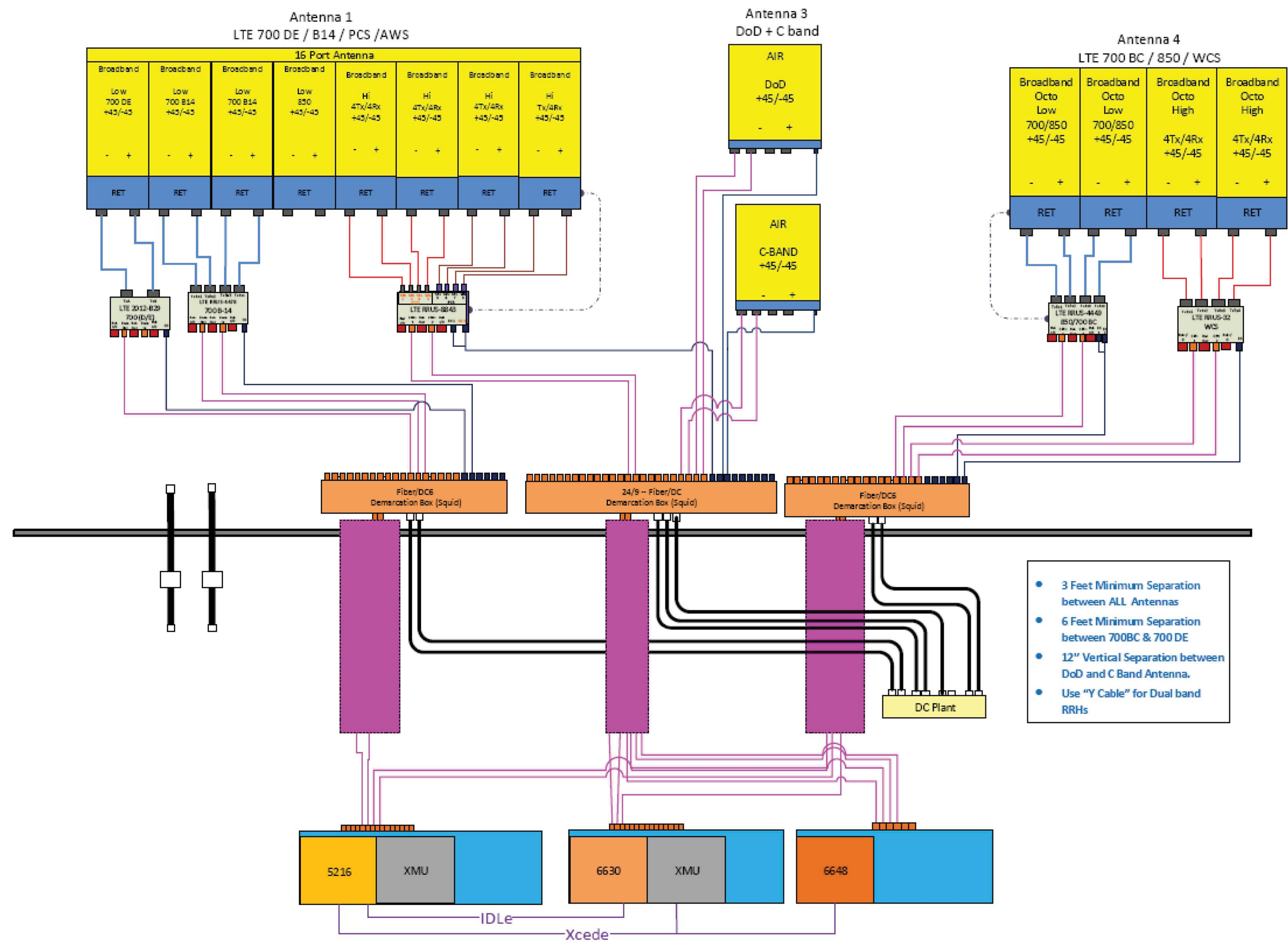
REV	DATE	DRWN	DESCRIPTION	DES./QA
A	5/6/22	GAC	PRELIMINARY REVIEW	LR
0	6/9/22	GAC	CONSTRUCTION	LR



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: **G-2** REVISION: **0**





SITE:
876326 HAYDEN STATION (10071329)

MODIFICATION DRAWING FOR AN EXISTING 13' SECTOR FRAME AT 92' ON A 96' 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

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MODIFICATION DRAWING



REV.	DATE	DESCRIPTION

SITE INFORMATION:
HAYDEN STATION (10071329)
 440 HAYDEN STATION ROAD
 WINDSOR, CT 06095

SITE NUMBER:
876326

POD NUMBER: 22-128129
 DESIGNED BY: AM
 DRAWN BY: TAJ
 CHECKED BY: JGC
 DATE: 05/05/2022

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	
COUNTY:	HARTFORD
SITE ADDRESS:	440 HAYDEN STATION ROAD WINDSOR, CT 06095
LATITUDE:	41° 53' 52.20"
LONGITUDE:	-72° 38' 38.70"

SCOPE OF WORK:
 MOUNT MODIFICATION DRAWINGS INCLUDES:
 INSTALLING PROPOSED TIEBACKS. RELOCATE & REMOVE
 EXISTING MOUNT PIPES AS NEEDED.

GENERAL NOTES

1. 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.

REFERENCE DOCUMENTS

DOCUMENT TYPE	DESIGNATION
MOUNT ANALYSIS	POD PROJECT NUMBER: 22-127673 DATED: 04/22/2022

2. 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	116 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= 0.177 & S1= 0.055

3. 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.

4. 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.

5. 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.

6. 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.

7. 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.

8. 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.

9. 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.

10. 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.

11. 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.

12. UNLESS NOTED OTHERWISE, ALL NEW MEMBERS SHALL MAINTAIN THE EXISTING MEMBER WORKING LINES AND NOT INTRODUCE ECCENTRICITIES INTO THE STRUCTURE.

13. 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.

14. ALL MANUFACTURERS' INSTRUCTIONS SHALL BE FOLLOWED EXACTLY. ANY DEVIATION REQUIRES WRITTEN APPROVAL FROM THE EOR.

15. 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.

16. DO NOT SCALE DRAWINGS.

STRUCTURAL STEEL NOTES

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

MATERIAL SPECIFICATIONS

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

3. ALL CONNECTIONS NOT FULLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE FABRICATOR IN ACCORDANCE WITH AISC SPECIFICATIONS, LATEST EDITION.
4. 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.
5. HOLES SHALL NOT BE FLAME CUT THROUGH STEEL UNLESS APPROVED BY THE EOR.
6. 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.
7. 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.
8. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES (SPLIT WASHER/PAL NUT) TO BE INSTALLED IN ACCORDANCE WITH TIA/EIAX222 REQUIREMENTS.
9. 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.

PLANS PREPARED FOR:



PLANS PREPARED BY:



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

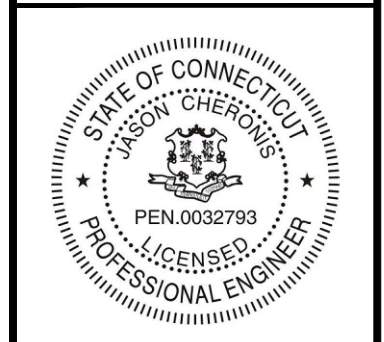
CARRIER:



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MODIFICATION DRAWING



REV.	DATE	DESCRIPTION

SITE INFORMATION:
HAYDEN STATION
(10071329)

440 HAYDEN STATION ROAD
WINDSOR, CT 06095

SITE NUMBER:
876326

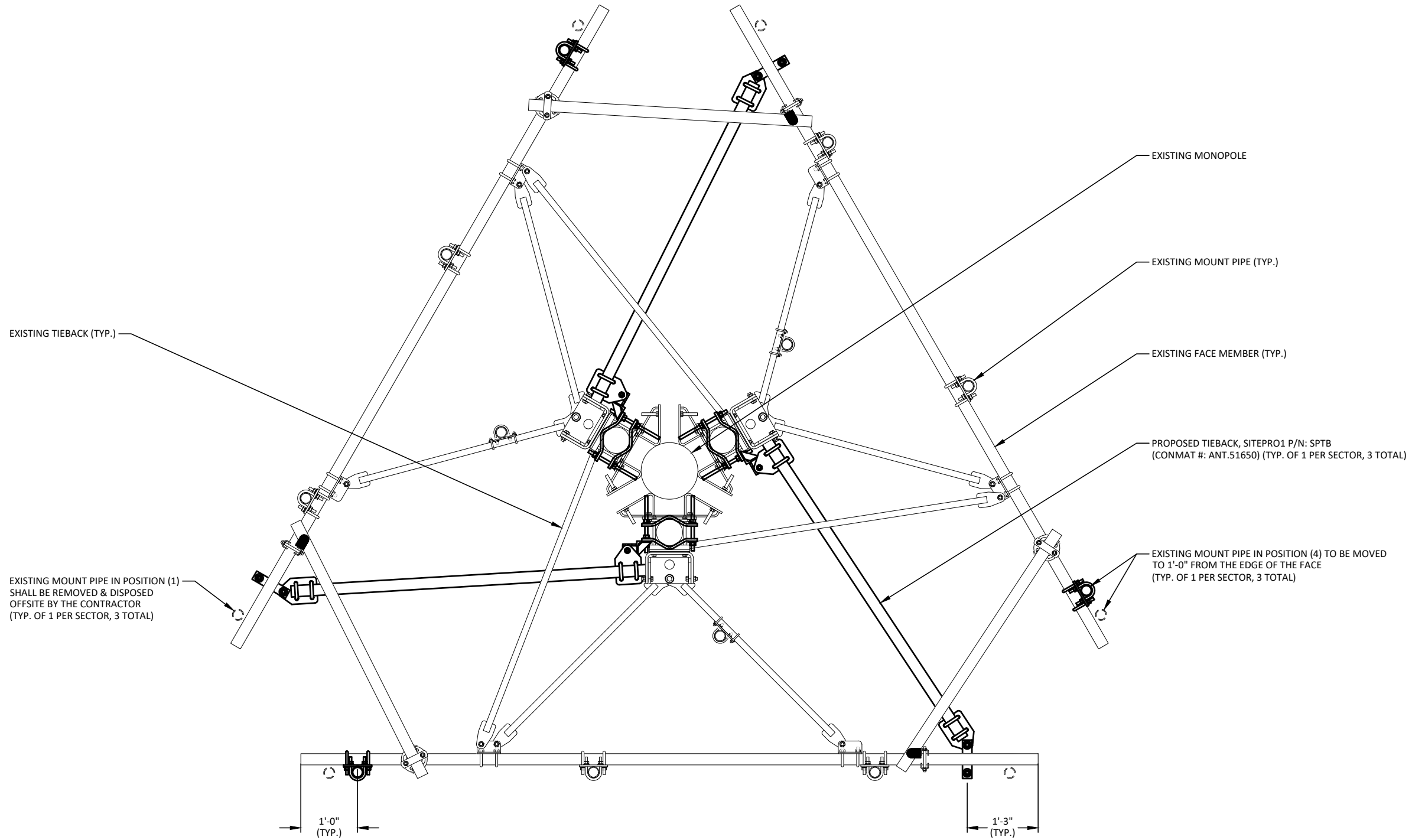
POD NUMBER: 22-128129
DESIGNED BY: AM
DRAWN BY: TAJ
CHECKED BY: JGC
DATE: 05/05/2022

SHEET TITLE:
NOTES

N-01

NOTES:

- ANTENNAE NOT SHOWN FOR CLARITY
- 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:



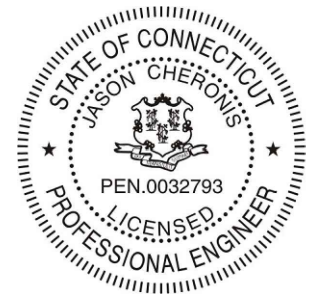
CARRIER:



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MODIFICATION DRAWING



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HAYDEN STATION
 (10071329)
 440 HAYDEN STATION ROAD
 WINDSOR, CT 06095

SITE NUMBER:
876326

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DESIGNED BY:	AM
DRAWN BY:	TAJ
CHECKED BY:	JGC
DATE:	05/05/2022

SHEET TITLE:
PLAN VIEW

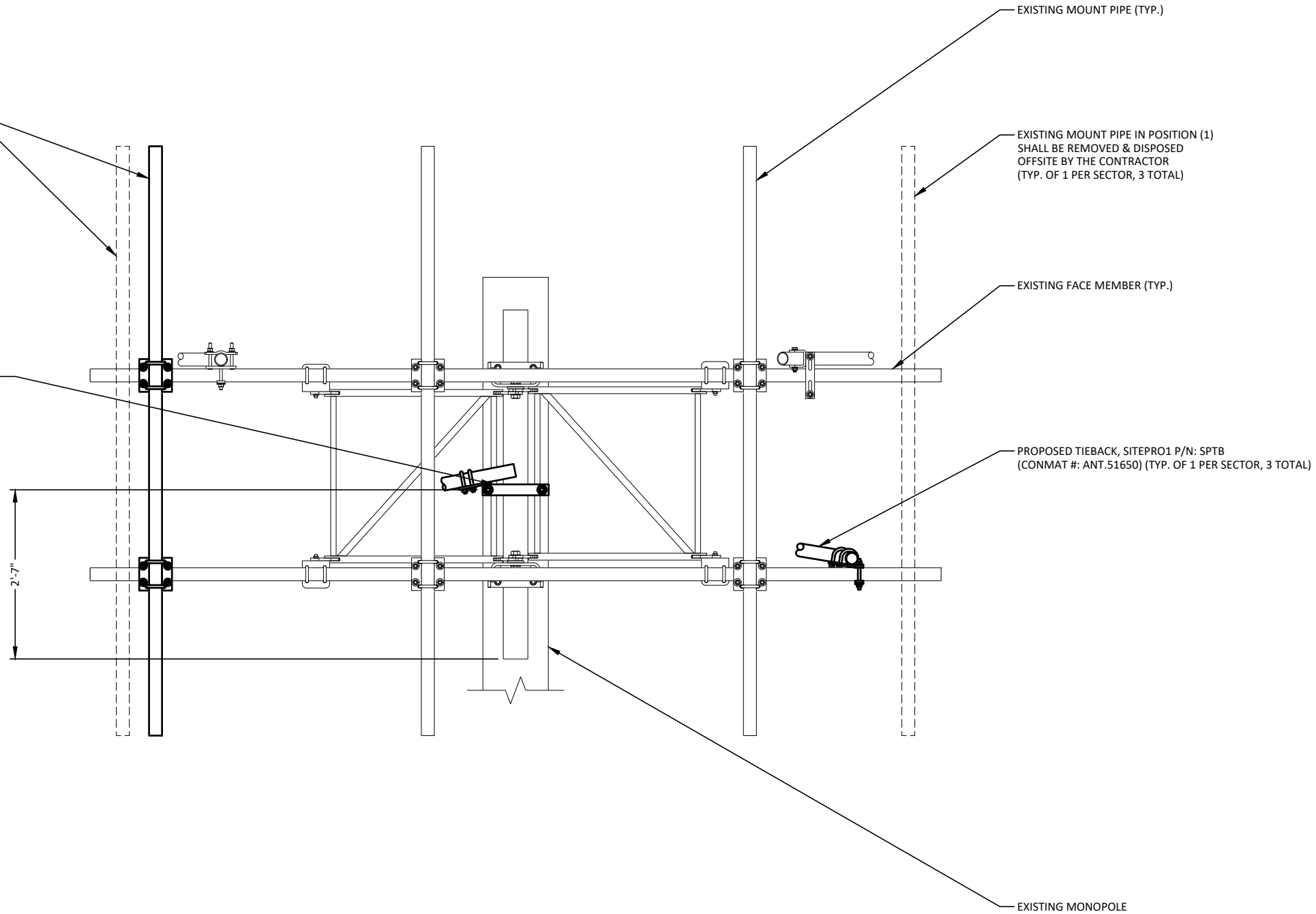
S-01

NOTES:

- ANTENNAE NOT SHOWN FOR CLARITY
- MODIFICATIONS SHALL BE INSTALLED ON ALL (3) SECTORS
- 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

EXISTING MOUNT PIPE IN POSITION (4) TO BE MOVED TO 1'-0" FROM THE EDGE OF THE FACE (TYP. OF 1 PER SECTOR, 3 TOTAL)

PROPOSED TIEBACK CONNECTION FROM ADJACENT SECTOR (CONNECTION SHOWN TO DEMONSTRATE VERTICAL POSITION WHEN INSTALLED ON PIVOT PIPE) (TYP. OF ALL (3) SECTORS)



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

PLANS PREPARED FOR:



PLANS PREPARED BY:



CARRIER:



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MODIFICATION DRAWING



REV.	DATE	DESCRIPTION

SITE INFORMATION:

**HAYDEN STATION
(10071329)**

440 HAYDEN STATION ROAD
WINDSOR, CT 06095

SITE NUMBER:

876326

POD NUMBER:	22-128129
DESIGNED BY:	AM
DRAWN BY:	TAJ
CHECKED BY:	JGC
DATE:	05/05/2022

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	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			

MODIFICATION INSPECTION NOTES:

GENERAL:

1. 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.
2. 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.
3. 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:

1. 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
2. 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:

1. 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
2. THE GC SHALL PERFORM AND RECORD THE TEST AND INSPECTION RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE MODIFICATION INSPECTION CHECKLIST.

RECOMMENDATIONS:

1. 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:

1. 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:

1. 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:

1. 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.
2. 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.

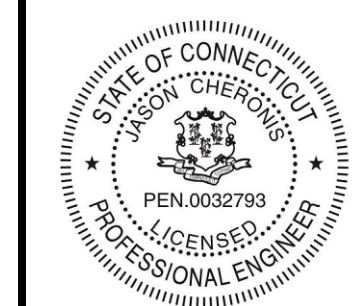
REQUIRED PHOTOS:

1. 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
2. PHOTOS OF ELEVATED MODIFICATIONS TAKEN FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.



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MODIFICATION DRAWING



REV.	DATE	DESCRIPTION

SITE INFORMATION:
HAYDEN STATION
(10071329)

440 HAYDEN STATION ROAD
WINDSOR, CT 06095

SITE NUMBER:
876326

POD NUMBER: 22-128129
DESIGNED BY: AM
DRAWN BY: TAJ
CHECKED BY: JGC
DATE: 05/05/2022

SHEET TITLE:
MODIFICATION CHECKLIST

MI-01

Exhibit D

Structural Analysis Report



Date: **May 11, 2022**

B+T Group
1717 S. Boulder, Suite 300
Tulsa, OK 74119
(918) 587-4630

Subject: **Structural Analysis Report**

Carrier Designation: **AT&T Mobility Co-Locate**
Site Number: CT5140
Site Name: WINDSOR BREAKNECK
FA Number: 10071329

Crown Castle Designation: **BU Number:** 876326
Site Name: HAYDEN STATION
JDE Job Number: 709489
Work Order Number: 2105813
Order Number: 608802 Rev. 0

Engineering Firm Designation: **B+T Group Project Number:** 136354.011.01

Site Data: **440 Hayden Station Road, Windsor, Hartford County, CT**
Latitude 41° 53' 52.2", Longitude -72° 38' 38.7"
96 Foot - Monopole Tower

B+T Group is pleased to submit this “**Structural Analysis Report**” to determine the structural integrity of the above-mentioned tower.

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

LC7: Proposed Equipment Configuration **Sufficient Capacity-55.4%**

This analysis utilizes an ultimate 3-second gust wind speed of 116 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: Chris Guidry

Respectfully submitted by: B+T Engineering, Inc.
COA: PEC.0001564; Expires: 02/1/2022



Chad E. Tuttle, P.E.

TABLE OF CONTENTS

1) INTRODUCTION

2) ANALYSIS CRITERIA

Table 1 - Proposed Equipment Configuration
Table 2 - Other Considered Equipment

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided
3.1) Analysis Method
3.2) Assumptions

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)
Table 5 – Tower Component Stresses vs. Capacity - LC7
4.1) Recommendations

5) APPENDIX A

tnxTower Output

6) APPENDIX B

Base Level Drawing

7) APPENDIX C

Additional Calculations

1) INTRODUCTION

This tower is a 96 ft Monopole tower designed by Rohn in January of 1997.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	116 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)
92.0	94.0	3	Cci Antennas	DMP65R-BU8D	6	1-5/8
		3	Ericsson	AIR 6419 B77G_CCIV3		
		3	Ericsson	RRUS 32 B30		
		3	Ericsson	RRUS 4449 B5/B12		
		3	Ericsson	RRUS 4478 B14		
		3	Ericsson	RRUS 8843 B2/B66A		
		3	Ericsson	RRUS E2 B29		
		3	Quintel Tech.	QD8616-7		
		2	Raycap	DC6-48-60-18-8F		
		1	Raycap	DC9-48-60-24-8C-EV_CCIV2		
	1	Site Pro1	SPTB Tieback Kit			
	92.0	1	--	Sector Mount [SM 503-3]	1	7/8
		1	--	Pipe Mount [PM 601-3]	6	13/16
90.0	3	Ericsson	AIR 6449 B77D_CCIV2	3	3/8	

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)		
83.0	86.0	1	Andrew	VHLP2-180	3	1-1/4		
		2	Dragonwave	A-ANT-11G-4-C				
		3	Alcatel Lucent	TD-RRH8X20-25				
		3	Dragonwave	HORIZON DUO				
	83.0	3	Rfs Celwave	APXVSP18-C-A20			1	5/8
		3	Rfs Celwave	APXVTM14-C-120			4	1/2
		3	Samsung Telecom.	WIMAX DAP HEAD			6	5/16
		1	--	Platform Mount [LP 502-1]				
	82.0	3	Kathrein	840 10045				
79.0	81.0	3	Alcatel Lucent	PCS 1900MHZ 4x45W-65MHZ	--	--		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
	79.0	3	Alcatel Lucent	800MHZ 2X50W RRH W/FILTER		
		1	--	Side Arm Mount [SO 104-3]		
73.0	76.0	3	--	Pipe 2.0 Std. x 16'-0" long Support Rail Pipes w/ X-AHCP	3	1-5/8
	75.0	3	Commscope	VV-65A-R1_TMO		
		3	Ericsson	AIR 6419 B41_TMO		
		3	Ericsson	RADIO 4460 B2/B25 B66_TMO		
		3	Ericsson	Radio 4480_TMOV2		
		3	Rfs Celwave	APXVAALL24_43-U-NA20_TMO		
73.0	1	--	Platform Mount [LP 304-1] (16')			
65.0	65.0	3	Fujitsu	TA08025-B604	1	1-3/8
		3	Fujitsu	TA08025-B605		
		3	Jma Wireless	MX08FRO665-21		
		1	Raycap	RDIDC-9181-PF-48		
		1	Commscope	MC-PK8-DSH Platform		
57.0	57.0	1	Gps	GPS_A	1	1/2

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Tower Manufacturer Drawing	1639483	CCI Sites
Foundation Drawing	1640630	CCI Sites
Geotech Report	1530918	CCI Sites
Crown CAD Package	Date: 04/21/2022	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.
- 3) Base and flange plate design methodology of the manufacturer has been reviewed and found to be an acceptable means of designing to resist the full capacity of the bolts and shaft.

This analysis may be affected if any assumptions are not valid or have been made in error. B+T Group 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	96 - 85	Pole	P12x3/8	1	-6.392	482.199	37.2	Pass
L2	85 - 65	Pole	P42x3/8	2	-18.475	1752.313	18.4	Pass
L3	65 - 32.5	Pole	P48x3/8	3	-30.489	1939.864	42.8	Pass
L4	32.5 - 0	Pole	P48x1/2	4	-41.907	2781.513	54.5	Pass
							Summary	
						Pole (L4)	54.5	Pass
						Rating =	54.5	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2,4	Flange Bolts	85	37.2	Pass
1,2,4	Flange Bolts	65	18.4	Pass
1,2,4	Flange Bolts	32.5	42.8	Pass
1,2	Anchor Rods	Base	55.4	Pass
1,2,3	Base Plate	Base	55.4	Pass
1,2	Base Foundation (Structure)	Base	38.3	Pass
1,2	Base Foundation (Soil Interaction)	Base	29.4	Pass

Structure Rating (max from all components) =	55.4%
---	--------------

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.
- 3) Base plate has the same capacity as its respective bolts.
- 4) Flange plates have the same capacity as their respective shaft.

4.1) Recommendations

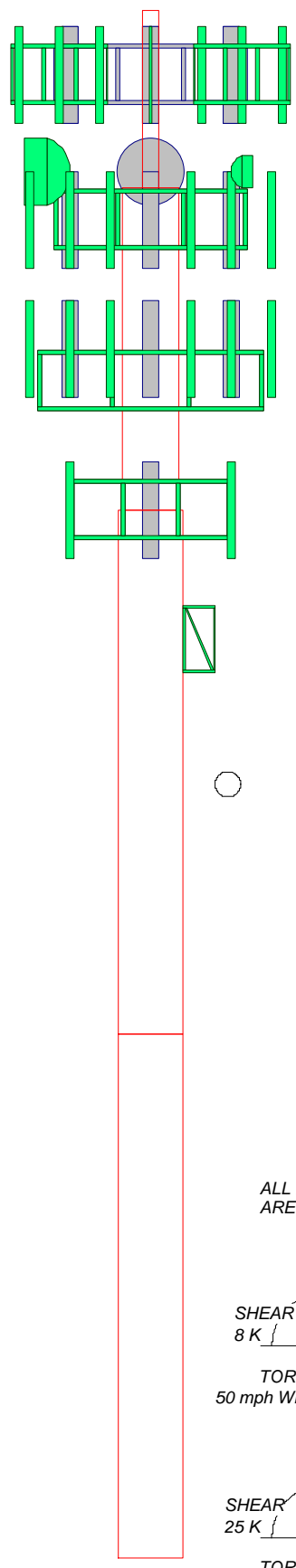
The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

APPENDIX A

TNXTOWER OUTPUT

Section	1				
Size	P12x3/8				
Length (ft)	11,000				
Grade	A53-B-35				
Weight (K)	0.5				
Section	2				
Size	P42x3/8				
Length (ft)	20,000				
Grade	A53-B-42				
Weight (K)	3.3				
Section	3				
Size	P48x3/8				
Length (ft)	32,500				
Grade	A53-B-42				
Weight (K)	6.2				
Section	4				
Size	P48x1/2				
Length (ft)	32,500				
Grade	A53-B-42				
Weight (K)	8.3				

96.0 ft
85.0 ft
65.0 ft
32.5 ft
0.0 ft



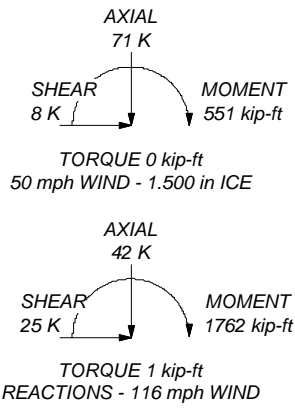
MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A53-B-35	35 ksi	63 ksi	A53-B-42	42 ksi	63 ksi

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 116 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: 54.5%

ALL REACTIONS ARE FACTORED



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Job: 136354.011.01- HAYDEN STATION, CT (BU# 87632)		
Project:		
Client: Crown Castle	Drawn by: S Shetty	App'd:
Code: TIA-222-H	Date: 05/10/22	Scale: NTS
Path:	Dwg No. E-1	

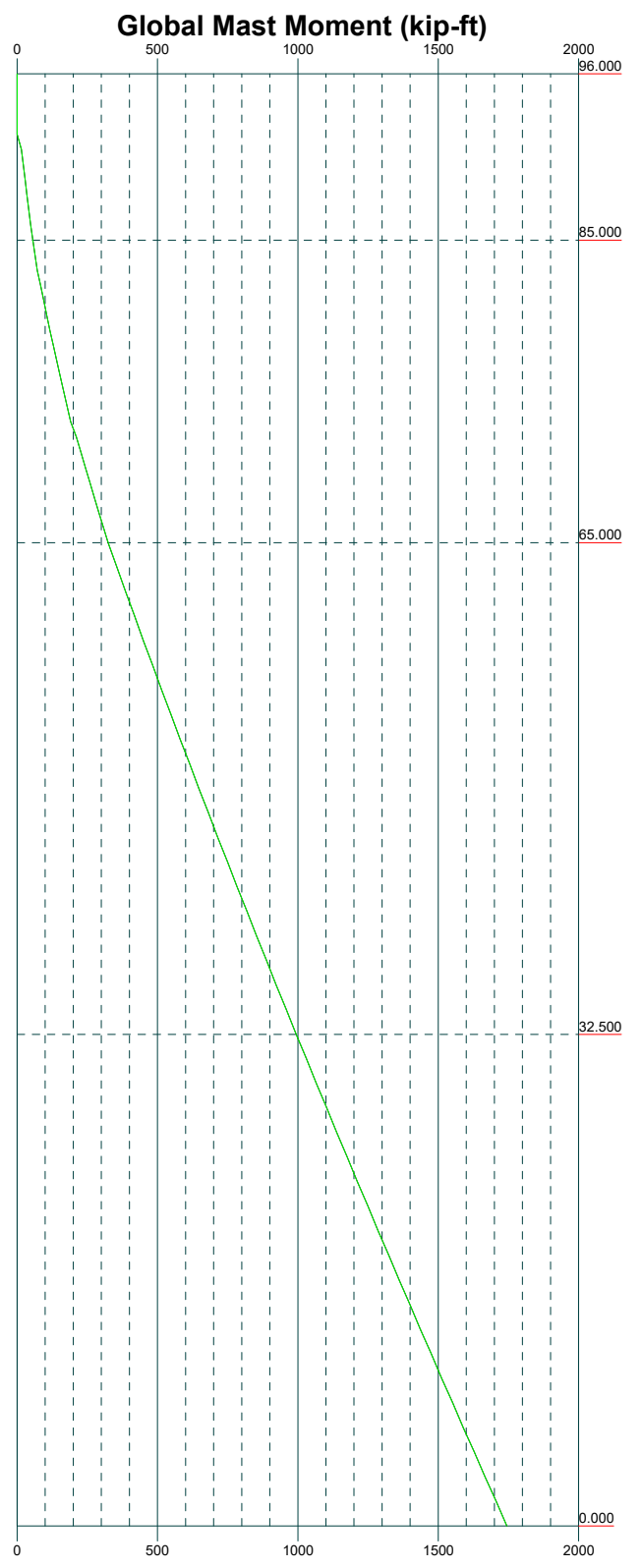
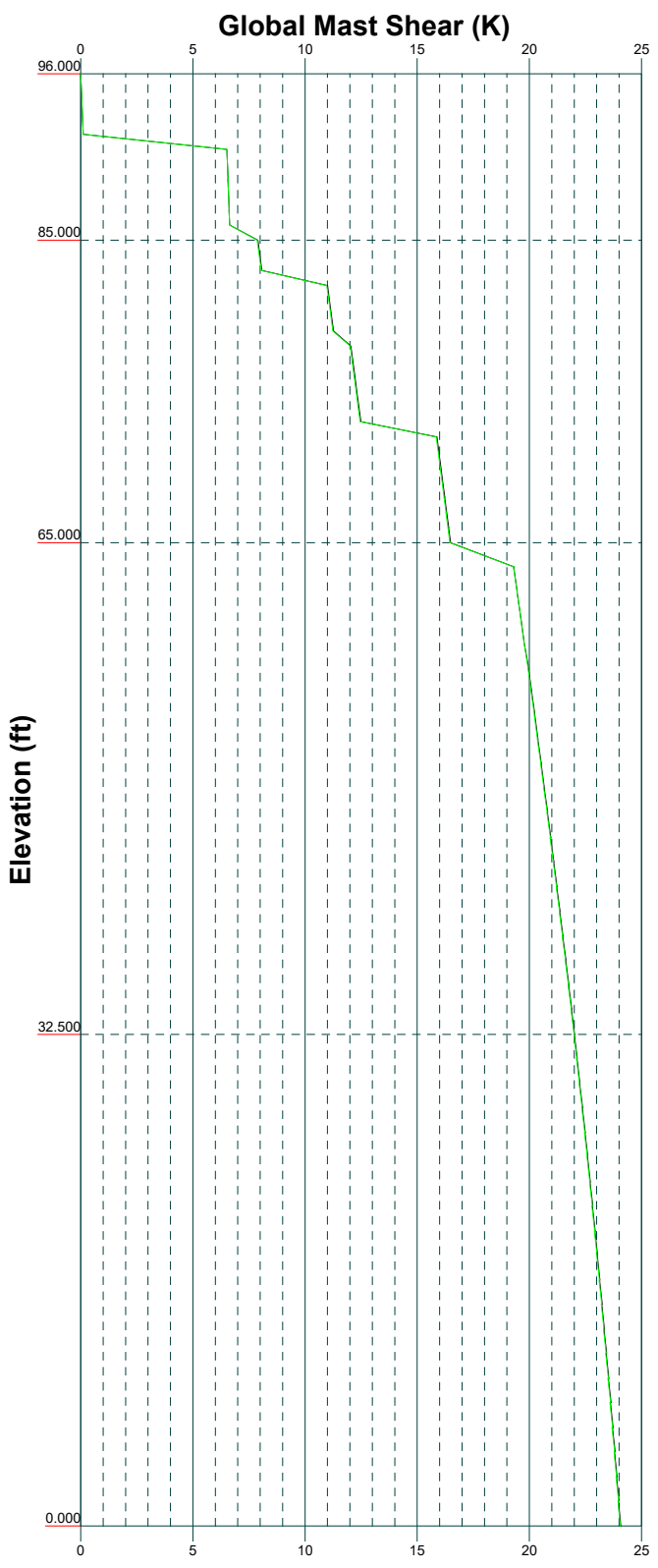
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Vx

Vz

Mx

Mz



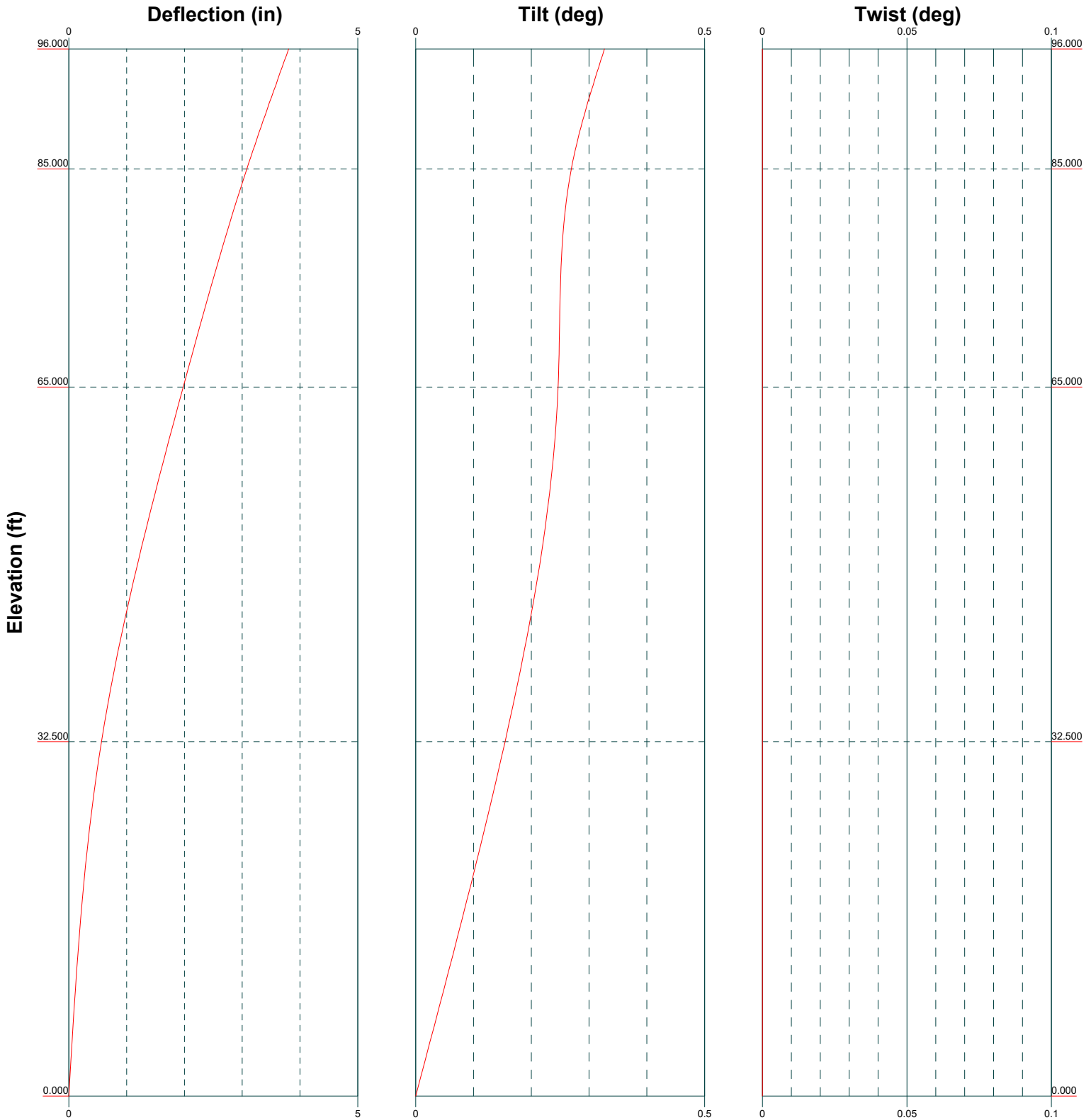
Elevation (ft)



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Project:		
Client: Crown Castle	Drawn by: S Shetty	App'd:
Code: TIA-222-H	Date: 05/10/22	Scale: NTS
Path:	Dwg No. E-4	

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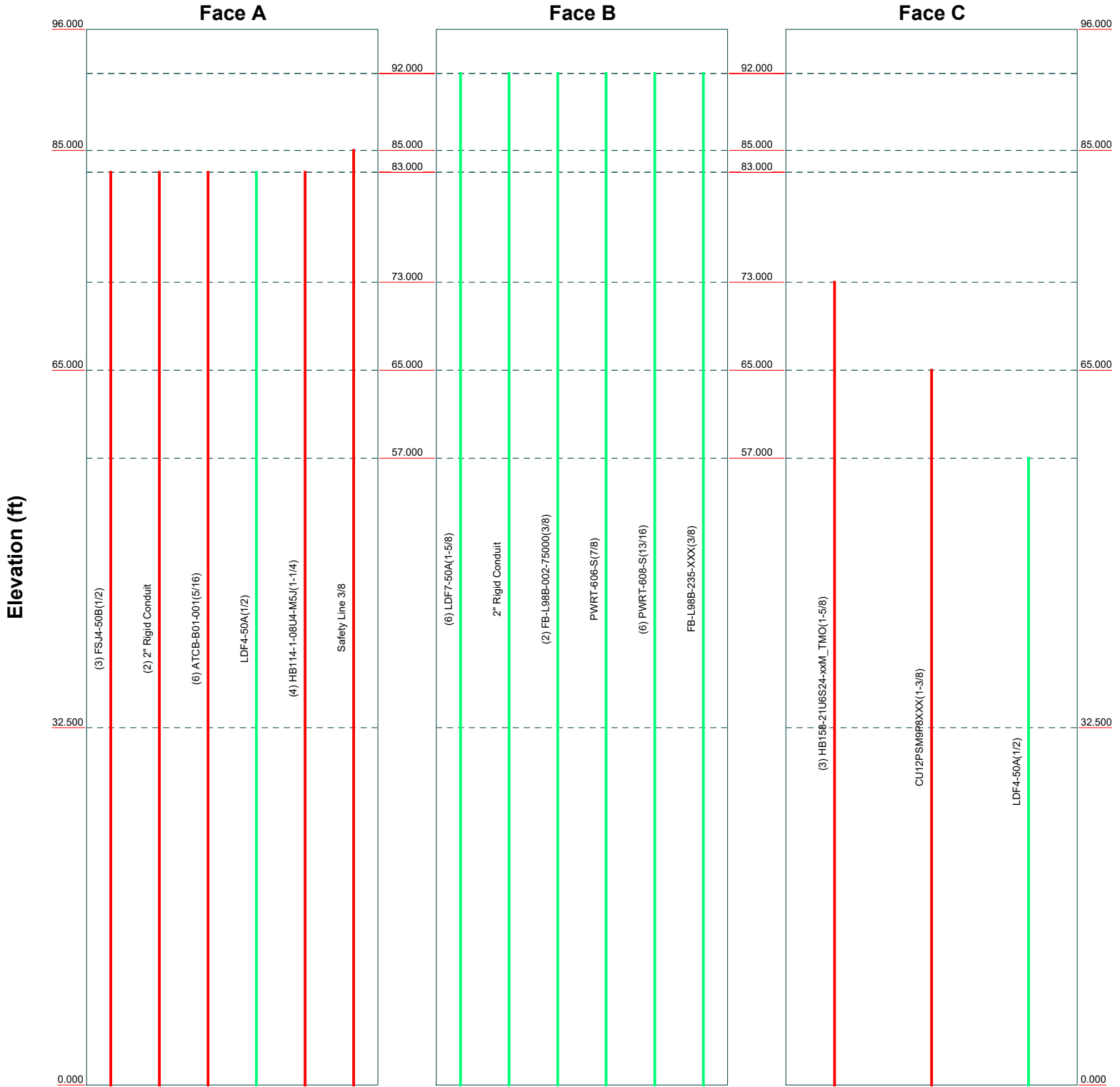
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Job: 136354.011.01- HAYDEN STATION, CT (BU# 87632)		
Project:		
Client: Crown Castle	Drawn by: S Shetty	App'd:
Code: TIA-222-H	Date: 05/10/22	Scale: NTS
Path:	Dwg No: E-5	

Feed Line Distribution Chart

0' - 96'

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



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Project:		
Client: Crown Castle	Drawn by: S Shetty	App'd:
Code: TIA-222-H	Date: 05/10/22	Scale: NTS
Path:		Dwg No. E-7

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	Project	Date 15:18:01 05/10/22
	Client Crown Castle	Designed by S Shetty

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 Hartford County, Connecticut.
- Tower base elevation above sea level: 141.000 ft.
- Basic wind speed of 116 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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	Project	Date 15:18:01 05/10/22
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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
LDF7-50A(1-5/8)	B	No	No	Inside Pole	92.000 - 0.000	6	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
2" Rigid Conduit	B	No	No	Inside Pole	92.000 - 0.000	1	No Ice	0.000	0.003
							1/2" Ice	0.000	0.003
							1" Ice	0.000	0.003
							2" Ice	0.000	0.003
FB-L98B-002-75000 (3/8)	B	No	No	Inside Pole	92.000 - 0.000	2	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
PWRT-606-S(7/8)	B	No	No	Inside Pole	92.000 - 0.000	1	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
PWRT-608-S(13/16)	B	No	No	Inside Pole	92.000 - 0.000	6	No Ice	0.000	0.001
							1/2" Ice	0.000	0.001
							1" Ice	0.000	0.001
							2" Ice	0.000	0.001
FB-L98B-235-XXX(3/8)	B	No	No	Inside Pole	92.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
* LDF4-50A(1/2)	A	No	No	Inside Pole	83.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	0.000	0.000
* LDF4-50A(1/2)	C	No	No	Inside Pole	57.000 - 0.000	1	No Ice	0.000	0.000
							1/2" Ice	0.000	0.000
							1" Ice	0.000	0.000
							2" Ice	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	96.000-85.000	A	0.000	0.000	0.000	0.000	0.000
		B	0.000	0.000	0.000	0.000	0.088
		C	0.000	0.000	0.000	0.000	0.000
L2	85.000-65.000	A	0.000	0.000	19.128	0.000	0.201
		B	0.000	0.000	0.000	0.000	0.250
		C	0.000	0.000	4.790	0.000	0.060
L3	65.000-32.500	A	0.000	0.000	34.401	0.000	0.363
		B	0.000	0.000	0.000	0.000	0.406
		C	0.000	0.000	24.047	0.000	0.301
L4	32.500-0.000	A	0.000	0.000	34.401	0.000	0.363

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	Project	Date 15:18:01 05/10/22
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Tower Section	Tower Elevation ft	Face	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	0.000	0.000	0.406
		C	0.000	0.000	24.047	0.000	0.303

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _{AA} In Face ft ²	C _{AA} Out Face ft ²	Weight K
L1	96.000-85.000	A	1.410	0.000	0.000	0.000	0.000	0.000
		B		0.000	0.000	0.000	0.000	0.088
		C		0.000	0.000	0.000	0.000	0.000
L2	85.000-65.000	A	1.384	0.000	0.000	54.173	0.000	0.713
		B		0.000	0.000	0.000	0.000	0.250
		C		0.000	0.000	8.756	0.000	0.145
L3	65.000-32.500	A	1.327	0.000	0.000	94.431	0.000	1.224
		B		0.000	0.000	0.000	0.000	0.406
		C		0.000	0.000	48.312	0.000	0.776
L4	32.500-0.000	A	1.191	0.000	0.000	89.137	0.000	1.107
		B		0.000	0.000	0.000	0.000	0.406
		C		0.000	0.000	46.327	0.000	0.718

Feed Line Center of Pressure

Section	Elevation ft	CP _x in	CP _z in	CP _x Ice in	CP _z Ice in
L1	96.000-85.000	0.000	0.000	0.000	0.000
L2	85.000-65.000	-3.253	-3.307	-3.507	-3.432
L3	65.000-32.500	-2.324	-1.106	-3.027	-1.754
L4	32.500-0.000	-2.324	-1.106	-2.920	-1.691

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
L2	10	FSJ4-50B(1/2)	65.00 - 83.00	1.0000	1.0000
L2	11	2" Rigid Conduit	65.00 - 83.00	1.0000	1.0000
L2	12	ATCB-B01-001(5/16)	65.00 - 83.00	1.0000	1.0000
L2	15	HB114-1-08U4-M5J(1-1/4)	65.00 - 83.00	1.0000	1.0000
L2	21	HB158-21U6S24-xxM_TMO (1-5/8)	65.00 - 73.00	1.0000	1.0000
L2	27	Safety Line 3/8	65.00 - 85.00	1.0000	1.0000
L3	10	FSJ4-50B(1/2)	32.50 - 65.00	1.0000	1.0000
L3	11	2" Rigid Conduit	32.50 - 65.00	1.0000	1.0000
L3	12	ATCB-B01-001(5/16)	32.50 - 65.00	1.0000	1.0000

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	Project	Date 15:18:01 05/10/22
	Client Crown Castle	Designed by S Shetty

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K _a No Ice	K _a Ice
L3	15	HB114-1-08U4-M5J(1-1/4)	32.50 - 65.00	1.0000	1.0000
L3	21	HB158-21U6S24-xxM_TMO (1-5/8)	32.50 - 65.00	1.0000	1.0000
L3	23	CU12PSM9P8XXX(1-3/8)	32.50 - 65.00	1.0000	1.0000
L3	27	Safety Line 3/8	32.50 - 65.00	1.0000	1.0000
L4	10	FSJ4-50B(1/2)	0.00 - 32.50	1.0000	1.0000
L4	11	2" Rigid Conduit	0.00 - 32.50	1.0000	1.0000
L4	12	ATCB-B01-001(5/16)	0.00 - 32.50	1.0000	1.0000
L4	15	HB114-1-08U4-M5J(1-1/4)	0.00 - 32.50	1.0000	1.0000
L4	21	HB158-21U6S24-xxM_TMO (1-5/8)	0.00 - 32.50	1.0000	1.0000
L4	23	CU12PSM9P8XXX(1-3/8)	0.00 - 32.50	1.0000	1.0000
L4	27	Safety Line 3/8	0.00 - 32.50	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight	
			Horz Lateral	Vert						
			ft	ft	°	ft	ft ²	ft ²	K	
DMP65R-BU8D w/ Mount Pipe	A	From Leg	4.000	0.000	0.000	92.000	No Ice	15.890	7.890	0.139
			0.000	0.000			1/2" Ice	16.810	8.740	0.252
			2.000	0.000			1" Ice	17.760	9.600	0.380
				0.000			2" Ice	19.700	11.370	0.679
DMP65R-BU8D w/ Mount Pipe	B	From Leg	4.000	0.000	0.000	92.000	No Ice	15.890	7.890	0.139
			0.000	0.000			1/2" Ice	16.810	8.740	0.252
			2.000	0.000			1" Ice	17.760	9.600	0.380
				0.000			2" Ice	19.700	11.370	0.679
DMP65R-BU8D w/ Mount Pipe	C	From Leg	4.000	0.000	0.000	92.000	No Ice	15.890	7.890	0.139
			0.000	0.000			1/2" Ice	16.810	8.740	0.252
			2.000	0.000			1" Ice	17.760	9.600	0.380
				0.000			2" Ice	19.700	11.370	0.679
RRUS 8843 B2/B66A	A	From Leg	4.000	0.000	0.000	92.000	No Ice	1.639	1.353	0.072
			0.000	0.000			1/2" Ice	1.799	1.500	0.090
			2.000	0.000			1" Ice	1.966	1.655	0.110
				0.000			2" Ice	2.323	1.986	0.159
RRUS 8843 B2/B66A	B	From Leg	4.000	0.000	0.000	92.000	No Ice	1.639	1.353	0.072
			0.000	0.000			1/2" Ice	1.799	1.500	0.090
			2.000	0.000			1" Ice	1.966	1.655	0.110
				0.000			2" Ice	2.323	1.986	0.159
RRUS 8843 B2/B66A	C	From Leg	4.000	0.000	0.000	92.000	No Ice	1.639	1.353	0.072
			0.000	0.000			1/2" Ice	1.799	1.500	0.090
			2.000	0.000			1" Ice	1.966	1.655	0.110
				0.000			2" Ice	2.323	1.986	0.159
RRUS E2 B29	A	From Leg	4.000	0.000	0.000	92.000	No Ice	3.145	1.285	0.060
			0.000	0.000			1/2" Ice	3.365	1.438	0.083
			2.000	0.000			1" Ice	3.592	1.600	0.110
				0.000			2" Ice	4.069	1.954	0.173
RRUS E2 B29	B	From Leg	4.000	0.000	0.000	92.000	No Ice	3.145	1.285	0.060
			0.000	0.000			1/2" Ice	3.365	1.438	0.083
			2.000	0.000			1" Ice	3.592	1.600	0.110
				0.000			2" Ice	4.069	1.954	0.173

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 136354.011.01- HAYDEN STATION, CT (BU# 876326)	Page 6 of 21
	Project	Date 15:18:01 05/10/22
	Client Crown Castle	Designed by S Shetty

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral					
RRUS E2 B29	C	From Leg	4.000	0.000	92.000	No Ice	3.145	1.285	0.060
			0.000	0.000		1/2" Ice	3.365	1.438	0.083
			2.000	0.000		1" Ice	3.592	1.600	0.110
				0.000		2" Ice	4.069	1.954	0.173
RRUS 4478 B14	A	From Leg	4.000	0.000	92.000	No Ice	1.843	1.059	0.060
			0.000	0.000		1/2" Ice	2.012	1.197	0.076
			2.000	0.000		1" Ice	2.190	1.342	0.094
				0.000		2" Ice	2.566	1.656	0.140
RRUS 4478 B14	B	From Leg	4.000	0.000	92.000	No Ice	1.843	1.059	0.060
			0.000	0.000		1/2" Ice	2.012	1.197	0.076
			2.000	0.000		1" Ice	2.190	1.342	0.094
				0.000		2" Ice	2.566	1.656	0.140
RRUS 4478 B14	C	From Leg	4.000	0.000	92.000	No Ice	1.843	1.059	0.060
			0.000	0.000		1/2" Ice	2.012	1.197	0.076
			2.000	0.000		1" Ice	2.190	1.342	0.094
				0.000		2" Ice	2.566	1.656	0.140
RRUS 4449 B5/B12	A	From Leg	4.000	0.000	92.000	No Ice	1.968	1.408	0.071
			0.000	0.000		1/2" Ice	2.144	1.564	0.090
			2.000	0.000		1" Ice	2.328	1.727	0.111
				0.000		2" Ice	2.718	2.075	0.163
RRUS 4449 B5/B12	B	From Leg	4.000	0.000	92.000	No Ice	1.968	1.408	0.071
			0.000	0.000		1/2" Ice	2.144	1.564	0.090
			2.000	0.000		1" Ice	2.328	1.727	0.111
				0.000		2" Ice	2.718	2.075	0.163
RRUS 4449 B5/B12	C	From Leg	4.000	0.000	92.000	No Ice	1.968	1.408	0.071
			0.000	0.000		1/2" Ice	2.144	1.564	0.090
			2.000	0.000		1" Ice	2.328	1.727	0.111
				0.000		2" Ice	2.718	2.075	0.163
RRUS 32 B30	A	From Leg	4.000	0.000	92.000	No Ice	2.692	1.573	0.060
			0.000	0.000		1/2" Ice	2.912	1.756	0.080
			2.000	0.000		1" Ice	3.138	1.945	0.104
				0.000		2" Ice	3.614	2.346	0.161
RRUS 32 B30	B	From Leg	4.000	0.000	92.000	No Ice	2.692	1.573	0.060
			0.000	0.000		1/2" Ice	2.912	1.756	0.080
			2.000	0.000		1" Ice	3.138	1.945	0.104
				0.000		2" Ice	3.614	2.346	0.161
RRUS 32 B30	C	From Leg	4.000	0.000	92.000	No Ice	2.692	1.573	0.060
			0.000	0.000		1/2" Ice	2.912	1.756	0.080
			2.000	0.000		1" Ice	3.138	1.945	0.104
				0.000		2" Ice	3.614	2.346	0.161
DC6-48-60-18-8F	A	From Leg	2.000	0.000	92.000	No Ice	1.212	1.212	0.033
			0.000	0.000		1/2" Ice	1.892	1.892	0.055
			2.000	0.000		1" Ice	2.105	2.105	0.080
				0.000		2" Ice	2.570	2.570	0.138
DC6-48-60-18-8F	B	From Leg	2.000	0.000	92.000	No Ice	1.212	1.212	0.033
			0.000	0.000		1/2" Ice	1.892	1.892	0.055
			2.000	0.000		1" Ice	2.105	2.105	0.080
				0.000		2" Ice	2.570	2.570	0.138
QD8616-7 w/ Mount Pipe	A	From Leg	4.000	0.000	92.000	No Ice	16.930	9.310	0.183
			0.000	0.000		1/2" Ice	17.870	10.170	0.308
			2.000	0.000		1" Ice	18.830	11.050	0.448
				0.000		2" Ice	20.790	12.860	0.772
QD8616-7 w/ Mount Pipe	B	From Leg	4.000	0.000	92.000	No Ice	16.930	9.310	0.183
			0.000	0.000		1/2" Ice	17.870	10.170	0.308
			2.000	0.000		1" Ice	18.830	11.050	0.448
				0.000		2" Ice	20.790	12.860	0.772
QD8616-7 w/ Mount Pipe	C	From Leg	4.000	0.000	92.000	No Ice	16.930	9.310	0.183

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job		136354.011.01- HAYDEN STATION, CT (BU# 876326)		Page		7 of 21	
	Project				Date		15:18:01 05/10/22	
	Client		Crown Castle		Designed by		S Shetty	

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral					
				0.000					0.308
				2.000		1/2" Ice	17.870	10.170	0.308
						1" Ice	18.830	11.050	0.448
						2" Ice	20.790	12.860	0.772
AIR 6419 B77G_CCIV3 w/ Mount Pipe	A	From Leg	4.000	0.000	92.000	No Ice	4.380	2.760	0.057
			0.000			1/2" Ice	4.708	3.191	0.096
			2.000			1" Ice	5.045	3.639	0.140
						2" Ice	5.750	4.583	0.244
AIR 6419 B77G_CCIV3 w/ Mount Pipe	B	From Leg	4.000	0.000	92.000	No Ice	4.380	2.760	0.057
			0.000			1/2" Ice	4.708	3.191	0.096
			2.000			1" Ice	5.045	3.639	0.140
						2" Ice	5.750	4.583	0.244
AIR 6419 B77G_CCIV3 w/ Mount Pipe	C	From Leg	4.000	0.000	92.000	No Ice	4.380	2.760	0.057
			0.000			1/2" Ice	4.708	3.191	0.096
			2.000			1" Ice	5.045	3.639	0.140
						2" Ice	5.750	4.583	0.244
AIR 6449 B77D_CCIV2 w/ Mount Pipe	A	From Leg	4.000	0.000	92.000	No Ice	3.580	2.310	0.095
			0.000			1/2" Ice	3.920	2.600	0.130
			-2.000			1" Ice	4.270	2.910	0.173
						2" Ice	5.020	3.570	0.277
AIR 6449 B77D_CCIV2 w/ Mount Pipe	B	From Leg	4.000	0.000	92.000	No Ice	3.580	2.310	0.095
			0.000			1/2" Ice	3.920	2.600	0.130
			-2.000			1" Ice	4.270	2.910	0.173
						2" Ice	5.020	3.570	0.277
AIR 6449 B77D_CCIV2 w/ Mount Pipe	C	From Leg	4.000	0.000	92.000	No Ice	3.580	2.310	0.095
			0.000			1/2" Ice	3.920	2.600	0.130
			-2.000			1" Ice	4.270	2.910	0.173
						2" Ice	5.020	3.570	0.277
DC9-48-60-24-8C-EV_CCIV 2	A	From Leg	4.000	0.000	92.000	No Ice	2.736	2.736	0.016
			0.000			1/2" Ice	2.962	2.962	0.042
			2.000			1" Ice	3.195	3.195	0.071
						2" Ice	3.683	3.683	0.142
4' x 2" Pipe Mount	A	From Leg	2.000	0.000	92.000	No Ice	0.785	0.785	0.029
			0.000			1/2" Ice	1.028	1.028	0.035
			1.000			1" Ice	1.281	1.281	0.044
						2" Ice	1.814	1.814	0.072
4' x 2" Pipe Mount	B	From Leg	2.000	0.000	92.000	No Ice	0.785	0.785	0.029
			0.000			1/2" Ice	1.028	1.028	0.035
			1.000			1" Ice	1.281	1.281	0.044
						2" Ice	1.814	1.814	0.072
4' x 2" Pipe Mount	C	From Leg	2.000	0.000	92.000	No Ice	0.785	0.785	0.029
			0.000			1/2" Ice	1.028	1.028	0.035
			1.000			1" Ice	1.281	1.281	0.044
						2" Ice	1.814	1.814	0.072
6' x 2" Horizontal Mount Pipe	A	From Leg	4.000	0.000	92.000	No Ice	1.140	0.010	0.016
			0.000			1/2" Ice	1.760	0.040	0.025
			2.000			1" Ice	2.140	0.090	0.038
						2" Ice	2.900	0.210	0.077
6' x 2" Horizontal Mount Pipe	B	From Leg	4.000	0.000	92.000	No Ice	1.140	0.010	0.016
			0.000			1/2" Ice	1.760	0.040	0.025
			2.000			1" Ice	2.140	0.090	0.038
						2" Ice	2.900	0.210	0.077
6' x 2" Horizontal Mount Pipe	C	From Leg	4.000	0.000	92.000	No Ice	1.140	0.010	0.016
			0.000			1/2" Ice	1.760	0.040	0.025
			2.000			1" Ice	2.140	0.090	0.038
						2" Ice	2.900	0.210	0.077
Sector Mount [SM 503-3]	C	None		0.000	92.000	No Ice	30.430	30.430	1.690
						1/2" Ice	43.020	43.020	2.296

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job		136354.011.01- HAYDEN STATION, CT (BU# 876326)		Page		8 of 21	
	Project				Date		15:18:01 05/10/22	
	Client		Crown Castle		Designed by		S Shetty	

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	
						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	92.000	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
7'X2" Horizontal Pipe	A	From Leg	4.000	0.000	92.000	No Ice	1.330	0.010	0.019
			0.000			1/2" Ice	2.050	0.040	0.290
			2.000			1" Ice	2.640	0.090	0.044
						2" Ice	3.520	0.210	0.089
7'X2" Horizontal Pipe	B	From Leg	4.000	0.000	92.000	No Ice	1.330	0.010	0.019
			0.000			1/2" Ice	2.050	0.040	0.290
			2.000			1" Ice	2.640	0.090	0.044
						2" Ice	3.520	0.210	0.089
7'X2" Horizontal Pipe	C	From Leg	4.000	0.000	92.000	No Ice	1.330	0.010	0.019
			0.000			1/2" Ice	2.050	0.040	0.290
			2.000			1" Ice	2.640	0.090	0.044
						2" Ice	3.520	0.210	0.089
*									
840 10045	A	From Leg	4.000	0.000	83.000	No Ice	4.578	1.361	0.035
			0.000			1/2" Ice	4.874	1.620	0.059
			-1.000			1" Ice	5.178	1.886	0.087
						2" Ice	5.806	2.440	0.156
840 10045	B	From Leg	4.000	0.000	83.000	No Ice	4.578	1.361	0.035
			0.000			1/2" Ice	4.874	1.620	0.059
			-1.000			1" Ice	5.178	1.886	0.087
						2" Ice	5.806	2.440	0.156
840 10045	C	From Leg	4.000	0.000	83.000	No Ice	4.578	1.361	0.035
			0.000			1/2" Ice	4.874	1.620	0.059
			-1.000			1" Ice	5.178	1.886	0.087
						2" Ice	5.806	2.440	0.156
WIMAX DAP HEAD	A	From Leg	4.000	0.000	83.000	No Ice	1.547	0.684	0.033
			0.000			1/2" Ice	1.704	0.800	0.045
			0.000			1" Ice	1.868	0.923	0.058
						2" Ice	2.219	1.193	0.094
WIMAX DAP HEAD	B	From Leg	4.000	0.000	83.000	No Ice	1.547	0.684	0.033
			0.000			1/2" Ice	1.704	0.800	0.045
			0.000			1" Ice	1.868	0.923	0.058
						2" Ice	2.219	1.193	0.094
WIMAX DAP HEAD	C	From Leg	4.000	0.000	83.000	No Ice	1.547	0.684	0.033
			0.000			1/2" Ice	1.704	0.800	0.045
			0.000			1" Ice	1.868	0.923	0.058
						2" Ice	2.219	1.193	0.094
HORIZON DUO	A	From Leg	4.000	0.000	83.000	No Ice	0.469	0.294	0.007
			0.000			1/2" Ice	0.556	0.365	0.012
			3.000			1" Ice	0.650	0.444	0.018
						2" Ice	0.861	0.624	0.036
HORIZON DUO	B	From Leg	4.000	0.000	83.000	No Ice	0.469	0.294	0.007
			0.000			1/2" Ice	0.556	0.365	0.012
			3.000			1" Ice	0.650	0.444	0.018
						2" Ice	0.861	0.624	0.036
HORIZON DUO	C	From Leg	4.000	0.000	83.000	No Ice	0.469	0.294	0.007
			0.000			1/2" Ice	0.556	0.365	0.012
			3.000			1" Ice	0.650	0.444	0.018
						2" Ice	0.861	0.624	0.036
10' x 3" Pipe Mount	A	From Leg	4.000	0.000	83.000	No Ice	3.000	3.000	0.080
			0.000			1/2" Ice	4.033	4.033	0.102

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job		136354.011.01- HAYDEN STATION, CT (BU# 876326)		Page		9 of 21	
	Project				Date		15:18:01 05/10/22	
	Client		Crown Castle		Designed by		S Shetty	

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral					
			ft	ft					
			2.000			1" Ice	5.027	5.027	0.130
						2" Ice	6.257	6.257	0.207
10' x 3" Pipe Mount	B	From Leg	4.000	0.000	83.000	No Ice	3.000	3.000	0.080
			0.000			1/2" Ice	4.033	4.033	0.102
			2.000			1" Ice	5.027	5.027	0.130
						2" Ice	6.257	6.257	0.207
10' x 3" Pipe Mount	C	From Leg	4.000	0.000	83.000	No Ice	3.000	3.000	0.080
			0.000			1/2" Ice	4.033	4.033	0.102
			2.000			1" Ice	5.027	5.027	0.130
						2" Ice	6.257	6.257	0.207
*									
APXVSP18-C-A20 w/ Mount Pipe	A	From Leg	4.000	0.000	83.000	No Ice	4.600	4.010	0.095
			0.000			1/2" Ice	5.050	4.450	0.160
			0.000			1" Ice	5.500	4.890	0.235
						2" Ice	6.440	5.820	0.419
APXVSP18-C-A20 w/ Mount Pipe	B	From Leg	4.000	0.000	83.000	No Ice	4.600	4.010	0.095
			0.000			1/2" Ice	5.050	4.450	0.160
			0.000			1" Ice	5.500	4.890	0.235
						2" Ice	6.440	5.820	0.419
APXVSP18-C-A20 w/ Mount Pipe	C	From Leg	4.000	0.000	83.000	No Ice	4.600	4.010	0.095
			0.000			1/2" Ice	5.050	4.450	0.160
			0.000			1" Ice	5.500	4.890	0.235
						2" Ice	6.440	5.820	0.419
APXVTM14-C-120 w/ Mount Pipe	A	From Leg	4.000	0.000	83.000	No Ice	4.090	2.860	0.077
			0.000			1/2" Ice	4.480	3.230	0.127
			0.000			1" Ice	4.880	3.610	0.185
						2" Ice	5.710	4.400	0.331
APXVTM14-C-120 w/ Mount Pipe	B	From Leg	4.000	0.000	83.000	No Ice	4.090	2.860	0.077
			0.000			1/2" Ice	4.480	3.230	0.127
			0.000			1" Ice	4.880	3.610	0.185
						2" Ice	5.710	4.400	0.331
APXVTM14-C-120 w/ Mount Pipe	C	From Leg	4.000	0.000	83.000	No Ice	4.090	2.860	0.077
			0.000			1/2" Ice	4.480	3.230	0.127
			0.000			1" Ice	4.880	3.610	0.185
						2" Ice	5.710	4.400	0.331
TD-RRH8X20-25	A	From Leg	4.000	0.000	83.000	No Ice	4.045	1.535	0.070
			0.000			1/2" Ice	4.298	1.714	0.097
			3.000			1" Ice	4.557	1.901	0.128
						2" Ice	5.098	2.295	0.201
TD-RRH8X20-25	B	From Leg	4.000	0.000	83.000	No Ice	4.045	1.535	0.070
			0.000			1/2" Ice	4.298	1.714	0.097
			3.000			1" Ice	4.557	1.901	0.128
						2" Ice	5.098	2.295	0.201
TD-RRH8X20-25	C	From Leg	4.000	0.000	83.000	No Ice	4.045	1.535	0.070
			0.000			1/2" Ice	4.298	1.714	0.097
			3.000			1" Ice	4.557	1.901	0.128
						2" Ice	5.098	2.295	0.201
(2) 5' x 2" Pipe Mount	A	From Leg	4.000	0.000	83.000	No Ice	1.188	1.188	0.018
			0.000			1/2" Ice	1.496	1.496	0.027
			0.000			1" Ice	1.807	1.807	0.040
						2" Ice	2.458	2.458	0.076
(2) 5' x 2" Pipe Mount	B	From Leg	4.000	0.000	83.000	No Ice	1.188	1.188	0.018
			0.000			1/2" Ice	1.496	1.496	0.027
			0.000			1" Ice	1.807	1.807	0.040
						2" Ice	2.458	2.458	0.076
(2) 5' x 2" Pipe Mount	C	From Leg	4.000	0.000	83.000	No Ice	1.188	1.188	0.018
			0.000			1/2" Ice	1.496	1.496	0.027

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 136354.011.01- HAYDEN STATION, CT (BU# 876326)	Page 10 of 21
	Project	Date 15:18:01 05/10/22
	Client Crown Castle	Designed by S Shetty

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight	
			Horz	Vert						
			ft	ft	°	ft	ft ²	ft ²	K	
			0.000							
Platform Mount [LP 502-1]	C	None			0.000	83.000	1" Ice	1.807	1.807	0.040
							2" Ice	2.458	2.458	0.076
							No Ice	18.280	18.280	0.925
							1/2" Ice	23.540	23.540	1.435
							1" Ice	28.530	28.530	2.070
						2" Ice	38.850	38.850	3.714	
*										
PCS 1900MHZ 4x45W-65MHZ	A	From Leg	1.000		0.000	79.000	No Ice	2.322	2.238	0.060
			0.000				1/2" Ice	2.527	2.441	0.083
			2.000				1" Ice	2.739	2.651	0.110
						2" Ice	3.185	3.093	0.173	
PCS 1900MHZ 4x45W-65MHZ	B	From Leg	1.000		0.000	79.000	No Ice	2.322	2.238	0.060
			0.000				1/2" Ice	2.527	2.441	0.083
			2.000				1" Ice	2.739	2.651	0.110
						2" Ice	3.185	3.093	0.173	
PCS 1900MHZ 4x45W-65MHZ	C	From Leg	1.000		0.000	79.000	No Ice	2.322	2.238	0.060
			0.000				1/2" Ice	2.527	2.441	0.083
			2.000				1" Ice	2.739	2.651	0.110
						2" Ice	3.185	3.093	0.173	
800MHZ 2X50W RRH W/FILTER	A	From Leg	1.000		0.000	79.000	No Ice	2.058	1.932	0.064
			0.000				1/2" Ice	2.240	2.109	0.086
			0.000				1" Ice	2.429	2.293	0.111
						2" Ice	2.829	2.684	0.172	
800MHZ 2X50W RRH W/FILTER	B	From Leg	1.000		0.000	79.000	No Ice	2.058	1.932	0.064
			0.000				1/2" Ice	2.240	2.109	0.086
			0.000				1" Ice	2.429	2.293	0.111
						2" Ice	2.829	2.684	0.172	
800MHZ 2X50W RRH W/FILTER	C	From Leg	1.000		0.000	79.000	No Ice	2.058	1.932	0.064
			0.000				1/2" Ice	2.240	2.109	0.086
			0.000				1" Ice	2.429	2.293	0.111
						2" Ice	2.829	2.684	0.172	
6' x 2" Mount Pipe	A	From Leg	1.000		0.000	79.000	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	1.000		0.000	79.000	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	1.000		0.000	79.000	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	
Side Arm Mount [SO 104-3]	C	None			0.000	79.000	No Ice	2.620	2.620	0.288
							1/2" Ice	3.300	3.300	0.408
							1" Ice	3.980	3.980	0.528
							2" Ice	5.350	5.350	0.768
*										
AIR 6419 B41_TMO w/ Mount Pipe	A	From Leg	4.000		0.000	73.000	No Ice	6.580	3.500	0.111
			0.000				1/2" Ice	7.060	3.900	0.162
			2.000				1" Ice	7.570	4.320	0.220
						2" Ice	8.620	5.200	0.359	
AIR 6419 B41_TMO w/ Mount Pipe	B	From Leg	4.000		0.000	73.000	No Ice	6.580	3.500	0.111
			0.000				1/2" Ice	7.060	3.900	0.162
			2.000				1" Ice	7.570	4.320	0.220
						2" Ice	8.620	5.200	0.359	
AIR 6419 B41_TMO w/	C	From Leg	4.000		0.000	73.000	No Ice	6.580	3.500	0.111

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job		136354.011.01- HAYDEN STATION, CT (BU# 876326)		Page		11 of 21	
	Project				Date		15:18:01 05/10/22	
	Client		Crown Castle		Designed by		S Shetty	

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral					
Mount Pipe			0.000			1/2" Ice	7.060	3.900	0.162
			2.000			1" Ice	7.570	4.320	0.220
						2" Ice	8.620	5.200	0.359
VV-65A-R1_TMO w/ Mount Pipe	A	From Leg	4.000	0.000	73.000	No Ice	4.460	2.690	0.054
			0.000			1/2" Ice	4.910	3.100	0.097
			2.000			1" Ice	5.360	3.520	0.149
						2" Ice	6.320	4.410	0.281
VV-65A-R1_TMO w/ Mount Pipe	B	From Leg	4.000	0.000	73.000	No Ice	4.460	2.690	0.054
			0.000			1/2" Ice	4.910	3.100	0.097
			2.000			1" Ice	5.360	3.520	0.149
						2" Ice	6.320	4.410	0.281
VV-65A-R1_TMO w/ Mount Pipe	C	From Leg	4.000	0.000	73.000	No Ice	4.460	2.690	0.054
			0.000			1/2" Ice	4.910	3.100	0.097
			2.000			1" Ice	5.360	3.520	0.149
						2" Ice	6.320	4.410	0.281
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	A	From Leg	4.000	0.000	73.000	No Ice	14.690	6.870	0.183
			0.000			1/2" Ice	15.460	7.550	0.311
			2.000			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	73.000	No Ice	14.690	6.870	0.183
			0.000			1/2" Ice	15.460	7.550	0.311
			2.000			1" Ice	16.230	8.250	0.453
						2" Ice	17.820	9.670	0.782
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	C	From Leg	4.000	0.000	73.000	No Ice	14.690	6.870	0.183
			0.000			1/2" Ice	15.460	7.550	0.311
			2.000			1" Ice	16.230	8.250	0.453
						2" Ice	17.820	9.670	0.782
Radio 4480_TMOV2	A	From Leg	4.000	0.000	73.000	No Ice	2.878	1.397	0.081
			0.000			1/2" Ice	3.091	1.558	0.103
			2.000			1" Ice	3.312	1.727	0.128
						2" Ice	3.775	2.090	0.188
Radio 4480_TMOV2	B	From Leg	4.000	0.000	73.000	No Ice	2.878	1.397	0.081
			0.000			1/2" Ice	3.091	1.558	0.103
			2.000			1" Ice	3.312	1.727	0.128
						2" Ice	3.775	2.090	0.188
Radio 4480_TMOV2	C	From Leg	4.000	0.000	73.000	No Ice	2.878	1.397	0.081
			0.000			1/2" Ice	3.091	1.558	0.103
			2.000			1" Ice	3.312	1.727	0.128
						2" Ice	3.775	2.090	0.188
RADIO 4460 B2/B25 B66_TMO	A	From Leg	4.000	0.000	73.000	No Ice	2.139	1.686	0.109
			0.000			1/2" Ice	2.321	1.850	0.131
			2.000			1" Ice	2.511	2.022	0.156
						2" Ice	2.912	2.387	0.217
RADIO 4460 B2/B25 B66_TMO	B	From Leg	4.000	0.000	73.000	No Ice	2.139	1.686	0.109
			0.000			1/2" Ice	2.321	1.850	0.131
			2.000			1" Ice	2.511	2.022	0.156
						2" Ice	2.912	2.387	0.217
RADIO 4460 B2/B25 B66_TMO	C	From Leg	4.000	0.000	73.000	No Ice	2.139	1.686	0.109
			0.000			1/2" Ice	2.321	1.850	0.131
			2.000			1" Ice	2.511	2.022	0.156
						2" Ice	2.912	2.387	0.217
Platform Mount [LP 304-1_HR-1] (16')	C	None		0.000	73.000	No Ice	23.625	23.625	1.771
						1/2" Ice	29.374	29.374	2.268
						1" Ice	34.935	34.935	2.866
						2" Ice	45.661	45.661	4.368
* MX08FRO665-21 w/ Mount	A	From Leg	4.000	0.000	65.000	No Ice	8.010	4.230	0.108

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job		136354.011.01- HAYDEN STATION, CT (BU# 876326)		Page		12 of 21	
	Project				Date		15:18:01 05/10/22	
	Client		Crown Castle		Designed by		S Shetty	

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight
			Horz	Lateral					
Pipe			0.000			1/2" Ice	8.520	4.690	0.194
			0.000			1" Ice	9.040	5.160	0.292
						2" Ice	10.110	6.120	0.522
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.000	0.000	65.000	No Ice	8.010	4.230	0.108
			0.000			1/2" Ice	8.520	4.690	0.194
			0.000			1" Ice	9.040	5.160	0.292
						2" Ice	10.110	6.120	0.522
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.000	0.000	65.000	No Ice	8.010	4.230	0.108
			0.000			1/2" Ice	8.520	4.690	0.194
			0.000			1" Ice	9.040	5.160	0.292
						2" Ice	10.110	6.120	0.522
TA08025-B604	A	From Leg	4.000	0.000	65.000	No Ice	1.964	0.981	0.064
			0.000			1/2" Ice	2.138	1.112	0.081
			0.000			1" Ice	2.320	1.250	0.100
						2" Ice	2.705	1.548	0.148
TA08025-B604	B	From Leg	4.000	0.000	65.000	No Ice	1.964	0.981	0.064
			0.000			1/2" Ice	2.138	1.112	0.081
			0.000			1" Ice	2.320	1.250	0.100
						2" Ice	2.705	1.548	0.148
TA08025-B604	C	From Leg	4.000	0.000	65.000	No Ice	1.964	0.981	0.064
			0.000			1/2" Ice	2.138	1.112	0.081
			0.000			1" Ice	2.320	1.250	0.100
						2" Ice	2.705	1.548	0.148
TA08025-B605	A	From Leg	4.000	0.000	65.000	No Ice	1.964	1.129	0.075
			0.000			1/2" Ice	2.138	1.267	0.093
			0.000			1" Ice	2.320	1.411	0.114
						2" Ice	2.705	1.723	0.164
TA08025-B605	B	From Leg	4.000	0.000	65.000	No Ice	1.964	1.129	0.075
			0.000			1/2" Ice	2.138	1.267	0.093
			0.000			1" Ice	2.320	1.411	0.114
						2" Ice	2.705	1.723	0.164
TA08025-B605	C	From Leg	4.000	0.000	65.000	No Ice	1.964	1.129	0.075
			0.000			1/2" Ice	2.138	1.267	0.093
			0.000			1" Ice	2.320	1.411	0.114
						2" Ice	2.705	1.723	0.164
RDIDC-9181-PF-48	A	From Leg	4.000	0.000	65.000	No Ice	2.012	1.168	0.022
			0.000			1/2" Ice	2.189	1.311	0.040
			0.000			1" Ice	2.373	1.461	0.060
						2" Ice	2.763	1.784	0.110
(2) 8' x 2" Mount Pipe	A	From Leg	4.000	0.000	65.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
(2) 8' x 2" Mount Pipe	B	From Leg	4.000	0.000	65.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
(2) 8' x 2" Mount Pipe	C	From Leg	4.000	0.000	65.000	No Ice	1.900	1.900	0.029
			0.000			1/2" Ice	2.728	2.728	0.044
			0.000			1" Ice	3.401	3.401	0.063
						2" Ice	4.396	4.396	0.119
Commscope MC-PK8-DSH	C	None		0.000	65.000	No Ice	34.240	34.240	1.749
						1/2" Ice	62.950	62.950	2.099
						1" Ice	91.660	91.660	2.450
						2" Ice	149.080	149.080	3.151
* GPS_A	B	From Leg	3.000	0.000	57.000	No Ice	0.255	0.255	0.001

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 136354.011.01- HAYDEN STATION, CT (BU# 876326)	Page 13 of 21
	Project	Date 15:18:01 05/10/22
	Client Crown Castle	Designed by S Shetty

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement	C _{AA} Front	C _{AA} Side	Weight	
			Horz Lateral	Vert						
			ft	ft	°	ft	ft ²	ft ²	K	
			0.000			1/2" Ice	0.320	0.320	0.005	
			0.000			1" Ice	0.393	0.393	0.010	
						2" Ice	0.561	0.561	0.025	
4.5' x 2" horizontal mount pipe	B	From Leg	1.500		0.000	57.000	No Ice	0.860	0.010	0.012
			0.000				1/2" Ice	1.180	0.040	0.019
			0.000				1" Ice	1.460	0.090	0.029
							2" Ice	2.050	0.210	0.058
*										

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets:		Azimuth Adjustment	3 dB Beam Width	Elevation	Outside Diameter	Aperture Area	Weight	
				Horz Lateral	Vert							
			ft	ft	°	°	ft	ft	ft ²	K		
Dragonwave A-ANT-11G-4-C	A	Paraboloid w/Shroud (HP)	From Leg	4.000		-10.000		83.000	4.222	No Ice	14.000	0.121
				0.000						1/2" Ice	14.558	0.150
										1" Ice	15.116	0.179
				3.000						2" Ice	16.232	0.237
Andrew VHLP2-180	B	Paraboloid w/Shroud (HP)	From Leg	4.000		-40.000		83.000	2.000	No Ice	3.142	0.025
				0.000						1/2" Ice	3.409	0.042
										1" Ice	3.676	0.060
				3.000						2" Ice	4.211	0.095
Dragonwave A-ANT-11G-4-C	C	Paraboloid w/Shroud (HP)	From Leg	4.000		20.000		83.000	4.222	No Ice	14.000	0.121
				0.000						1/2" Ice	14.558	0.150
										1" Ice	15.116	0.179
				3.000						2" Ice	16.232	0.237
*												

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

<p>tnxTower</p> <p>B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<p>Job 136354.011.01- HAYDEN STATION, CT (BU# 876326)</p>	<p>Page 14 of 21</p>
	<p>Project</p>	<p>Date 15:18:01 05/10/22</p>
	<p>Client Crown Castle</p>	<p>Designed by S Shetty</p>

Comb. No.	Description
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	96 - 85	Pole	Max Tension	36	0.000	-0.000	-0.000
			Max. Compression	26	-13.995	0.339	0.950
			Max. Mx	20	-6.390	56.167	0.465
			Max. My	2	-6.393	0.268	56.097
			Max. Vy	8	7.901	-55.538	0.371
			Max. Vx	14	7.870	0.447	-55.474
			Max. Torque	24			0.868
L2	85 - 65	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-37.447	1.528	1.348
			Max. Mx	8	-18.478	-324.205	0.133
			Max. My	14	-18.478	2.600	-323.811
			Max. Vy	8	16.488	-324.205	0.133
			Max. Vx	14	16.457	2.600	-323.811
			Max. Torque	24			0.868
L3	65 - 32.5	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-55.866	3.664	1.328
			Max. Mx	8	-30.494	-994.150	-0.922

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 136354.011.01- HAYDEN STATION, CT (BU# 876326)	Page 15 of 21
	Project	Date 15:18:01 05/10/22
	Client Crown Castle	Designed by S Shetty

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L4	32.5 - 0	Pole	Max. My	14	-30.494	5.885	-994.109
			Max. Vy	8	22.016	-994.150	-0.922
			Max. Vx	14	21.996	5.885	-994.109
			Max. Torque	20			-1.051
			Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-70.540	5.781	0.945
			Max. Mx	8	-41.907	-1744.234	-2.213
			Max. My	14	-41.907	9.067	-1744.590
			Max. Vy	8	24.078	-1744.234	-2.213
			Max. Vx	14	24.057	9.067	-1744.590
			Max. Torque	20			-1.026

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	36	70.540	7.775	0.020
	Max. H _x	20	41.915	23.964	0.090
	Max. H _z	2	41.915	-0.070	23.876
	Max. M _x	2	1730.076	-0.070	23.876
	Max. M _z	8	1744.234	-24.064	-0.030
	Max. Torsion	8	0.839	-24.064	-0.030
	Min. Vert	25	31.437	12.075	20.633
	Min. H _x	8	41.915	-24.064	-0.030
	Min. H _z	14	41.915	0.073	-24.043
	Min. M _x	14	-1744.590	0.073	-24.043
	Min. M _z	20	-1740.075	23.964	0.090
	Min. Torsion	20	-1.026	23.964	0.090

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	34.929	0.000	0.000	-0.019	1.879	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	41.915	0.070	-23.876	-1730.076	-4.236	-0.664
0.9 Dead+1.0 Wind 0 deg - No Ice	31.437	0.070	-23.876	-1723.974	-4.790	-0.662
1.2 Dead+1.0 Wind 30 deg - No Ice	41.915	12.141	-20.683	-1499.015	-880.824	0.209
0.9 Dead+1.0 Wind 30 deg - No Ice	31.437	12.141	-20.683	-1493.726	-878.288	0.212
1.2 Dead+1.0 Wind 60 deg - No Ice	41.915	21.215	-12.258	-882.765	-1524.812	-0.678
0.9 Dead+1.0 Wind 60 deg - No Ice	31.437	21.215	-12.258	-879.653	-1520.023	-0.675
1.2 Dead+1.0 Wind 90 deg - No Ice	41.915	24.064	0.030	2.213	-1744.234	-0.839
0.9 Dead+1.0 Wind 90 deg - No Ice	31.437	24.064	0.030	2.213	-1738.658	-0.836
1.2 Dead+1.0 Wind 120 deg - No Ice	41.915	20.888	12.082	877.153	-1514.178	-0.001

<p>tnxTower</p> <p>B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265</p>	<p>Job 136354.011.01- HAYDEN STATION, CT (BU# 876326)</p>	<p>Page 16 of 21</p>
	<p>Project</p>	<p>Date 15:18:01 05/10/22</p>
	<p>Client Crown Castle</p>	<p>Designed by S Shetty</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 120 deg - No Ice	31.437	20.888	12.082	874.071	-1509.413	0.001
1.2 Dead+1.0 Wind 150 deg - No Ice	41.915	12.174	20.755	1504.808	-883.010	0.419
0.9 Dead+1.0 Wind 150 deg - No Ice	31.437	12.174	20.755	1499.516	-880.467	0.419
1.2 Dead+1.0 Wind 180 deg - No Ice	41.915	-0.073	24.043	1744.590	9.067	0.551
0.9 Dead+1.0 Wind 180 deg - No Ice	31.437	-0.073	24.043	1738.451	8.462	0.549
1.2 Dead+1.0 Wind 210 deg - No Ice	41.915	-12.046	20.802	1509.329	877.107	-0.012
0.9 Dead+1.0 Wind 210 deg - No Ice	31.437	-12.046	20.802	1504.019	873.444	-0.015
1.2 Dead+1.0 Wind 240 deg - No Ice	41.915	-21.048	12.295	885.921	1514.861	0.559
0.9 Dead+1.0 Wind 240 deg - No Ice	31.437	-21.048	12.295	882.814	1508.968	0.556
1.2 Dead+1.0 Wind 270 deg - No Ice	41.915	-23.964	-0.090	-7.451	1740.075	1.026
0.9 Dead+1.0 Wind 270 deg - No Ice	31.437	-23.964	-0.090	-7.416	1733.374	1.023
1.2 Dead+1.0 Wind 300 deg - No Ice	41.915	-20.766	-11.945	-865.324	1508.129	0.146
0.9 Dead+1.0 Wind 300 deg - No Ice	31.437	-20.766	-11.945	-862.268	1502.245	0.145
1.2 Dead+1.0 Wind 330 deg - No Ice	41.915	-12.075	-20.633	-1494.231	878.967	-0.734
0.9 Dead+1.0 Wind 330 deg - No Ice	31.437	-12.075	-20.633	-1488.961	875.298	-0.734
1.2 Dead+1.0 Ice+1.0 Temp	70.540	0.000	0.000	-0.945	5.781	0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	70.540	0.013	-7.753	-543.824	4.621	-0.106
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	70.540	3.919	-6.714	-471.168	-269.352	0.059
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	70.540	6.750	-3.897	-274.322	-467.393	-0.144
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	70.540	7.795	0.008	-0.446	-540.546	-0.194
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	70.540	6.761	3.907	272.979	-468.232	-0.030
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	70.540	3.929	6.731	470.493	-269.946	0.052
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	70.540	-0.014	7.787	544.869	7.307	0.084
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	70.540	-3.900	6.739	471.351	279.569	-0.019
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	70.540	-6.717	3.904	273.017	476.316	0.117
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	70.540	-7.775	-0.020	-2.625	550.680	0.230
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	70.540	-6.737	-3.879	-272.491	477.961	0.058
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	70.540	-3.909	-6.705	-470.243	280.066	-0.120
Dead+Wind 0 deg - Service	34.929	0.018	-6.026	-435.896	0.263	-0.164
Dead+Wind 30 deg - Service	34.929	3.064	-5.221	-377.682	-220.581	0.055
Dead+Wind 60 deg - Service	34.929	5.354	-3.094	-222.414	-382.826	-0.170
Dead+Wind 90 deg - Service	34.929	6.074	0.008	0.540	-438.112	-0.213
Dead+Wind 120 deg - Service	34.929	5.272	3.049	220.969	-380.150	-0.003

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 136354.011.01- HAYDEN STATION, CT (BU# 876326)	Page 17 of 21
	Project	Date 15:18:01 05/10/22
	Client Crown Castle	Designed by S Shetty

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+Wind 150 deg - Service	34.929	3.073	5.239	379.106	-221.130	0.102
Dead+Wind 180 deg - Service	34.929	-0.018	6.069	439.512	3.607	0.136
Dead+Wind 210 deg - Service	34.929	-3.040	5.250	380.242	222.301	-0.005
Dead+Wind 240 deg - Service	34.929	-5.312	3.103	223.175	382.979	0.140
Dead+Wind 270 deg - Service	34.929	-6.049	-0.023	-1.890	439.721	0.260
Dead+Wind 300 deg - Service	34.929	-5.241	-3.015	-218.028	381.284	0.039
Dead+Wind 330 deg - Service	34.929	-3.048	-5.208	-376.479	222.769	-0.182

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	-34.929	0.000	0.000	34.929	0.000	0.000%
2	0.070	-41.915	-23.876	-0.070	41.915	23.876	0.000%
3	0.070	-31.437	-23.876	-0.070	31.437	23.876	0.000%
4	12.141	-41.915	-20.683	-12.141	41.915	20.683	0.000%
5	12.141	-31.437	-20.683	-12.141	31.437	20.683	0.000%
6	21.215	-41.915	-12.258	-21.215	41.915	12.258	0.000%
7	21.215	-31.437	-12.258	-21.215	31.437	12.258	0.000%
8	24.064	-41.915	0.030	-24.064	41.915	-0.030	0.000%
9	24.064	-31.437	0.030	-24.064	31.437	-0.030	0.000%
10	20.888	-41.915	12.082	-20.888	41.915	-12.082	0.000%
11	20.888	-31.437	12.082	-20.888	31.437	-12.082	0.000%
12	12.174	-41.915	20.755	-12.174	41.915	-20.755	0.000%
13	12.174	-31.437	20.755	-12.174	31.437	-20.755	0.000%
14	-0.073	-41.915	24.043	0.073	41.915	-24.043	0.000%
15	-0.073	-31.437	24.043	0.073	31.437	-24.043	0.000%
16	-12.046	-41.915	20.802	12.046	41.915	-20.802	0.000%
17	-12.046	-31.437	20.802	12.046	31.437	-20.802	0.000%
18	-21.048	-41.915	12.295	21.048	41.915	-12.295	0.000%
19	-21.048	-31.437	12.295	21.048	31.437	-12.295	0.000%
20	-23.964	-41.915	-0.090	23.964	41.915	0.090	0.000%
21	-23.964	-31.437	-0.090	23.964	31.437	0.090	0.000%
22	-20.766	-41.915	-11.945	20.766	41.915	11.945	0.000%
23	-20.766	-31.437	-11.945	20.766	31.437	11.945	0.000%
24	-12.075	-41.915	-20.633	12.075	41.915	20.633	0.000%
25	-12.075	-31.437	-20.633	12.075	31.437	20.633	0.000%
26	0.000	-70.540	0.000	0.000	70.540	0.000	0.000%
27	0.013	-70.540	-7.753	-0.013	70.540	7.753	0.000%
28	3.919	-70.540	-6.714	-3.919	70.540	6.714	0.000%
29	6.750	-70.540	-3.897	-6.750	70.540	3.897	0.000%
30	7.795	-70.540	0.008	-7.795	70.540	-0.008	0.000%
31	6.761	-70.540	3.907	-6.761	70.540	-3.907	0.000%
32	3.929	-70.540	6.731	-3.929	70.540	-6.731	0.000%
33	-0.014	-70.540	7.787	0.014	70.540	-7.787	0.000%
34	-3.900	-70.540	6.739	3.900	70.540	-6.739	0.000%
35	-6.717	-70.540	3.904	6.717	70.540	-3.904	0.000%
36	-7.775	-70.540	-0.020	7.775	70.540	0.020	0.000%
37	-6.737	-70.540	-3.879	6.737	70.540	3.879	0.000%
38	-3.909	-70.540	-6.705	3.909	70.540	6.705	0.000%
39	0.018	-34.929	-6.026	-0.018	34.929	6.026	0.000%
40	3.064	-34.929	-5.221	-3.064	34.929	5.221	0.000%
41	5.354	-34.929	-3.094	-5.354	34.929	3.094	0.000%
42	6.074	-34.929	0.008	-6.074	34.929	-0.008	0.000%
43	5.272	-34.929	3.049	-5.272	34.929	-3.049	0.000%
44	3.073	-34.929	5.239	-3.073	34.929	-5.239	0.000%
45	-0.018	-34.929	6.069	0.018	34.929	-6.069	0.000%

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job	Page
	136354.011.01- HAYDEN STATION, CT (BU# 876326)	18 of 21
	Project	Date
		15:18:01 05/10/22
	Client	Designed by
	Crown Castle	S Shetty

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
46	-3.040	-34.929	5.250	3.040	34.929	-5.250	0.000%
47	-5.312	-34.929	3.103	5.312	34.929	-3.103	0.000%
48	-6.049	-34.929	-0.023	6.049	34.929	0.023	0.000%
49	-5.241	-34.929	-3.015	5.241	34.929	3.015	0.000%
50	-3.048	-34.929	-5.208	3.048	34.929	5.208	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.0000001	0.0000001
2	Yes	4	0.0000001	0.00004939
3	Yes	4	0.0000001	0.00003094
4	Yes	4	0.0000001	0.00034672
5	Yes	4	0.0000001	0.00022614
6	Yes	4	0.0000001	0.00036823
7	Yes	4	0.0000001	0.00024003
8	Yes	4	0.0000001	0.00005810
9	Yes	4	0.0000001	0.00003710
10	Yes	4	0.0000001	0.00034372
11	Yes	4	0.0000001	0.00022387
12	Yes	4	0.0000001	0.00032949
13	Yes	4	0.0000001	0.00021433
14	Yes	4	0.0000001	0.00004846
15	Yes	4	0.0000001	0.00003019
16	Yes	4	0.0000001	0.00034097
17	Yes	4	0.0000001	0.00022171
18	Yes	4	0.0000001	0.00032858
19	Yes	4	0.0000001	0.00021324
20	Yes	4	0.0000001	0.00007340
21	Yes	4	0.0000001	0.00004763
22	Yes	4	0.0000001	0.00033948
23	Yes	4	0.0000001	0.00022096
24	Yes	4	0.0000001	0.00036341
25	Yes	4	0.0000001	0.00023726
26	Yes	4	0.0000001	0.00000001
27	Yes	4	0.0000001	0.00063117
28	Yes	4	0.0000001	0.00064813
29	Yes	4	0.0000001	0.00064711
30	Yes	4	0.0000001	0.00062516
31	Yes	4	0.0000001	0.00064449
32	Yes	4	0.0000001	0.00064426
33	Yes	4	0.0000001	0.00062897
34	Yes	4	0.0000001	0.00065296
35	Yes	4	0.0000001	0.00065410
36	Yes	4	0.0000001	0.00063812
37	Yes	4	0.0000001	0.00065769
38	Yes	4	0.0000001	0.00065531
39	Yes	4	0.0000001	0.00000603
40	Yes	4	0.0000001	0.00001021
41	Yes	4	0.0000001	0.00001114
42	Yes	4	0.0000001	0.00000636
43	Yes	4	0.0000001	0.00001000
44	Yes	4	0.0000001	0.00000964
45	Yes	4	0.0000001	0.00000590
46	Yes	4	0.0000001	0.00001002

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 136354.011.01- HAYDEN STATION, CT (BU# 876326)	Page 19 of 21
	Project	Date 15:18:01 05/10/22
	Client Crown Castle	Designed by S Shetty

47	Yes	4	0.00000001	0.00000974
48	Yes	4	0.00000001	0.00000690
49	Yes	4	0.00000001	0.00001009
50	Yes	4	0.00000001	0.00001123

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	96 - 85	3.803	47	0.329	0.002
L2	85 - 65	3.080	47	0.271	0.000
L3	65 - 32.5	1.980	47	0.248	0.000
L4	32.5 - 0	0.565	47	0.152	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
92.000	DMP65R-BU8D w/ Mount Pipe	47	3.534	0.305	0.001	25318
86.000	Dragonwave A-ANT-11G-4-C	47	3.142	0.275	0.001	13528
83.000	840 10045	47	2.958	0.265	0.000	13023
79.000	PCS 1900MHZ 4x45W-65MHZ	47	2.724	0.257	0.000	15877
73.000	AIR 6419 B41 TMO w/ Mount Pipe	47	2.395	0.252	0.000	25564
65.000	MX08FRO665-21 w/ Mount Pipe	47	1.980	0.248	0.000	75215
57.000	GPS_A	47	1.578	0.235	0.000	33224

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	96 - 85	15.129	6	1.305	0.007
L2	85 - 65	12.248	6	1.079	0.002
L3	65 - 32.5	7.875	6	0.985	0.001
L4	32.5 - 0	2.246	6	0.604	0.001

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
92.000	DMP65R-BU8D w/ Mount Pipe	6	14.055	1.212	0.005	6476
86.000	Dragonwave A-ANT-11G-4-C	6	12.497	1.094	0.002	3460
83.000	840 10045	6	11.762	1.054	0.002	3330
79.000	PCS 1900MHZ 4x45W-65MHZ	6	10.833	1.021	0.002	4055

tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 136354.011.01- HAYDEN STATION, CT (BU# 876326)	Page 20 of 21
	Project	Date 15:18:01 05/10/22
	Client Crown Castle	Designed by S Shetty

Elevation	Appurtenance	Gov. Load Comb.	Deflection	Tilt	Twist	Radius of Curvature
ft			in	°	°	ft
73.000	AIR 6419 B41_TMO w/ Mount Pipe	6	9.524	1.001	0.001	6508
65.000	MX08FRO665-21 w/ Mount Pipe	6	7.875	0.985	0.001	19056
57.000	GPS_A	6	6.277	0.936	0.002	8385

Compression Checks

Pole Design Data

Section No.	Elevation	Size	L	L _u	Kl/r	A	P _u	φP _n	Ratio P _u / φP _n
	ft		ft	ft		in ²	K	K	
L1	96 - 85 (1)	P12x3/8	11.000	0.000	0.0	14.579	-6.392	459.237	0.014
L2	85 - 65 (2)	P42x3/8	20.000	0.000	0.0	49.038	-18.475	1668.870	0.011
L3	65 - 32.5 (3)	P48x3/8	32.500	0.000	0.0	56.107	-30.489	1847.490	0.017
L4	32.5 - 0 (4)	P48x1/2	32.500	0.000	0.0	74.613	-41.907	2649.060	0.016

Pole Bending Design Data

Section No.	Elevation	Size	M _{ux}	φM _{ux}	Ratio M _{ux} / φM _{ux}	M _{uy}	φM _{uy}	Ratio M _{uy} / φM _{uy}
	ft		kip-ft	kip-ft		kip-ft	kip-ft	
L1	96 - 85 (1)	P12x3/8	56.250	150.794	0.373	0.000	150.794	0.000
L2	85 - 65 (2)	P42x3/8	325.301	1796.558	0.181	0.000	1796.558	0.000
L3	65 - 32.5 (3)	P48x3/8	1000.425	2321.108	0.431	0.000	2321.108	0.000
L4	32.5 - 0 (4)	P48x1/2	1761.908	3173.467	0.555	0.000	3173.467	0.000

Pole Shear Design Data

Section No.	Elevation	Size	Actual V _u	φV _n	Ratio V _u / φV _n	Actual T _u	φT _n	Ratio T _u / φT _n
	ft		K	K		kip-ft	kip-ft	
L1	96 - 85 (1)	P12x3/8	7.724	137.771	0.056	0.868	149.893	0.006
L2	85 - 65 (2)	P42x3/8	16.542	536.589	0.031	0.537	1509.600	0.000
L3	65 - 32.5 (3)	P48x3/8	22.278	555.429	0.040	0.678	1787.842	0.000
L4	32.5 - 0 (4)	P48x1/2	24.516	846.109	0.029	0.678	3397.483	0.000

Pole Interaction Design Data

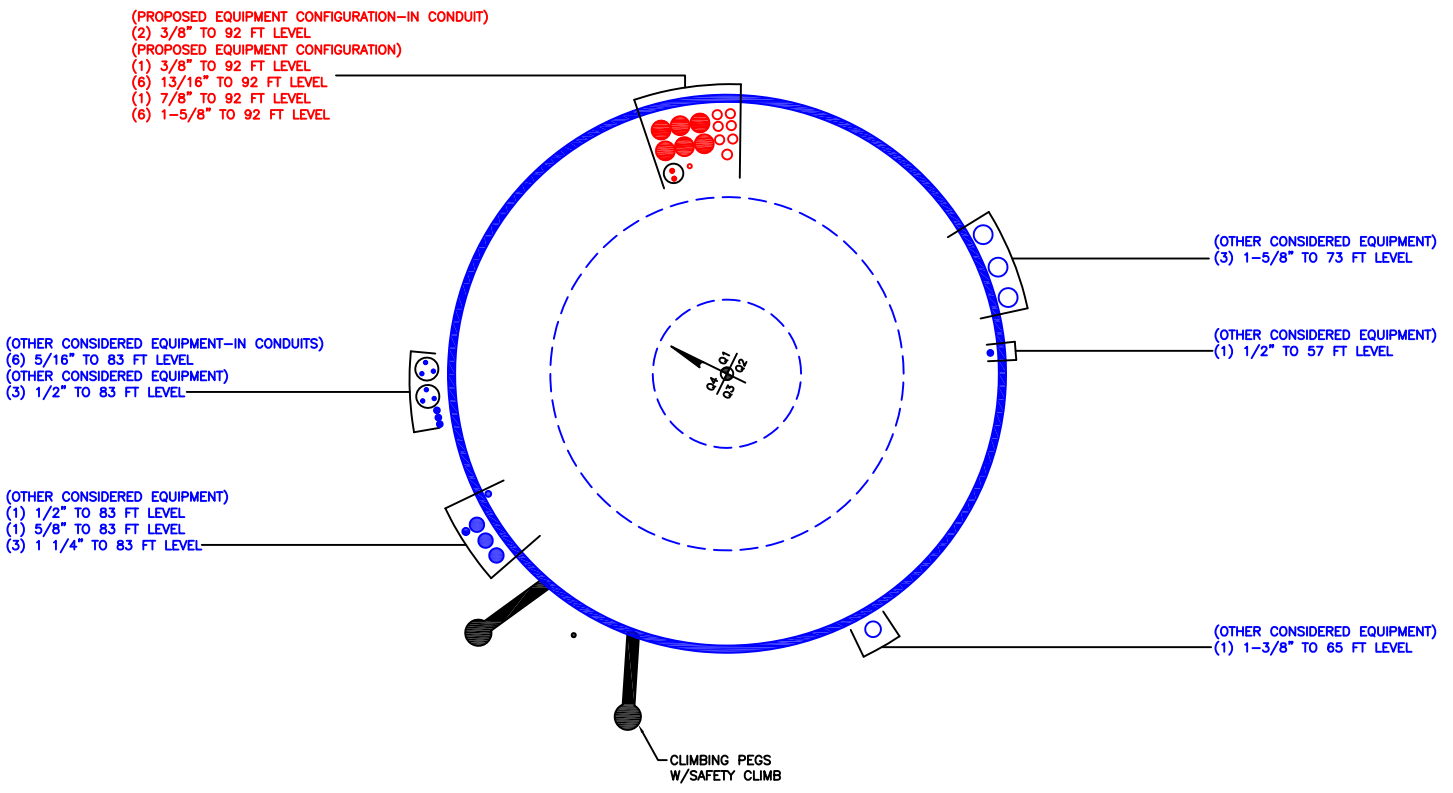
tnxTower B+T Group 1717 S. Boulder, Suite 300 Tulsa, OK 74119 Phone: (918) 587-4630 FAX: (918) 295-0265	Job 136354.011.01- HAYDEN STATION, CT (BU# 876326)	Page 21 of 21
	Project	Date 15:18:01 05/10/22
	Client Crown Castle	Designed by S Shetty

Section No.	Elevation ft	Ratio P_u	Ratio M_{ux}	Ratio M_{uy}	Ratio V_u	Ratio T_u	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
		ϕP_n	ϕM_{nx}	ϕM_{ny}	ϕV_n	ϕT_n			
L1	96 - 85 (1)	0.014	0.373	0.000	0.056	0.006	0.391	1.050	4.8.2 ✓
L2	85 - 65 (2)	0.011	0.181	0.000	0.031	0.000	0.193	1.050	4.8.2 ✓
L3	65 - 32.5 (3)	0.017	0.431	0.000	0.040	0.000	0.449	1.050	4.8.2 ✓
L4	32.5 - 0 (4)	0.016	0.555	0.000	0.029	0.000	0.572	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	96 - 85	Pole	P12x3/8	1	-6.392	482.199	37.2	Pass
L2	85 - 65	Pole	P42x3/8	2	-18.475	1752.313	18.4	Pass
L3	65 - 32.5	Pole	P48x3/8	3	-30.489	1939.864	42.8	Pass
L4	32.5 - 0	Pole	P48x1/2	4	-41.907	2781.513	54.5	Pass
Summary								
Pole (L4)							54.5	Pass
RATING =							54.5	Pass

APPENDIX B
BASE LEVEL DRAWING



BUSINESS UNIT: 876326

APPENDIX C
ADDITIONAL CALCULATIONS

Monopole Flange Plate Connection

Elevation = 85 ft.



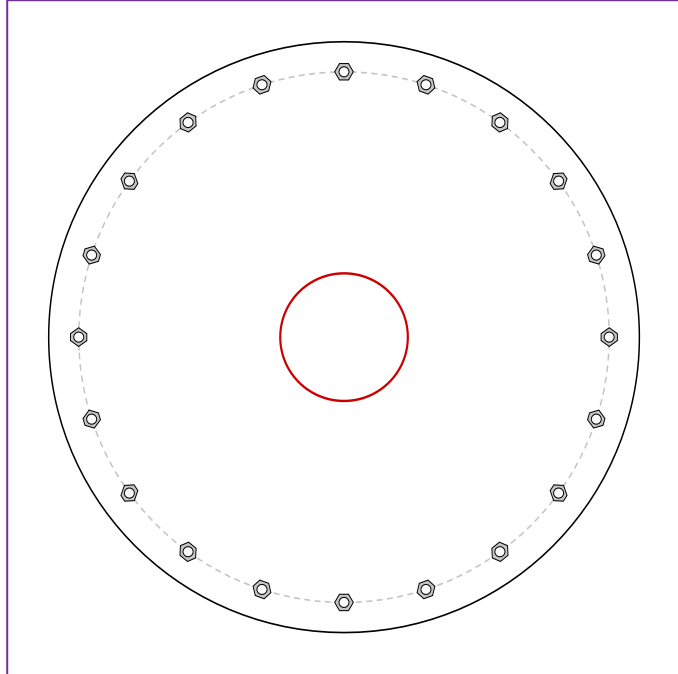
BU #	876326
Site Name	HAYDEN STATION, CT
Order #	608802 Rev# 0

Applied Loads	
Moment (kip-ft)	56.29
Axial Force (kips)	6.39
Shear Force (kips)	7.78

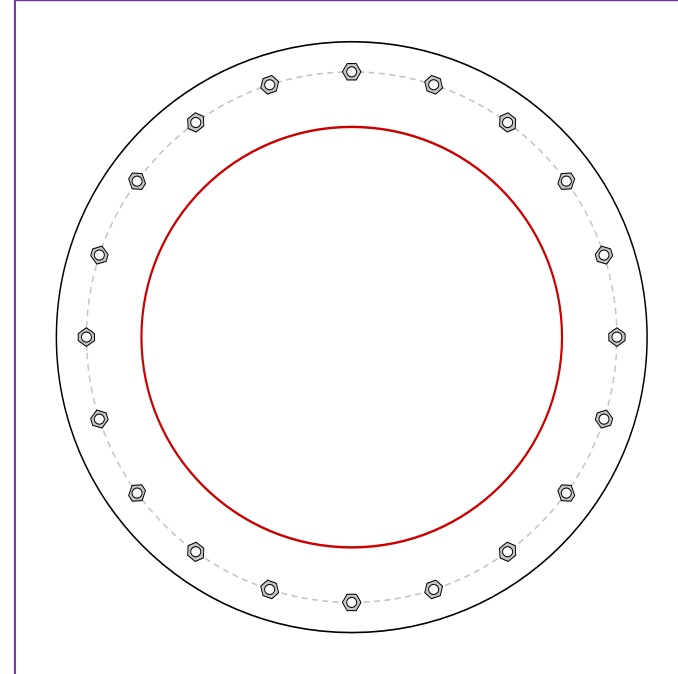
TIA-222 Revision	H
------------------	---

*TIA-222-H Section 15.5 Applied

Top Plate - External



Bottom Plate - External



Connection Properties

Bolt Data

(20) 1" ϕ bolts (A325 N; Fy=92 ksi, Fu=120 ksi) on 53" BC

Top Plate Data

59" OD x 2" Plate (A36; Fy=36 ksi, Fu=58 ksi)

Top Stiffener Data

N/A

Top Pole Data

12.75" x 0.375" round pole (A53-B-35; Fy=35 ksi, Fu=60 ksi)

Bottom Plate Data

59" OD x 1" Plate (A36; Fy=36 ksi, Fu=58 ksi)

Bottom Stiffener Data

N/A

Bottom Pole Data

42" x 0.375" round pole (A53-B-42; Fy=42 ksi, Fu=63 ksi)

Analysis Results

Bolt Capacity

Max Load (kips)	2.23
Allowable (kips)	54.54
Stress Rating:	3.9% Pass

Top Plate Capacity

Max Stress (ksi):	-
Allowable Stress (ksi):	-
Stress Rating:	Rohn OK
Tension Side Stress Rating:	Rohn OK

Bottom Plate Capacity

Max Stress (ksi):	-
Allowable Stress (ksi):	-
Stress Rating:	Rohn OK
Tension Side Stress Rating:	Rohn OK

Monopole Flange Plate Connection

Elevation = 65 ft.



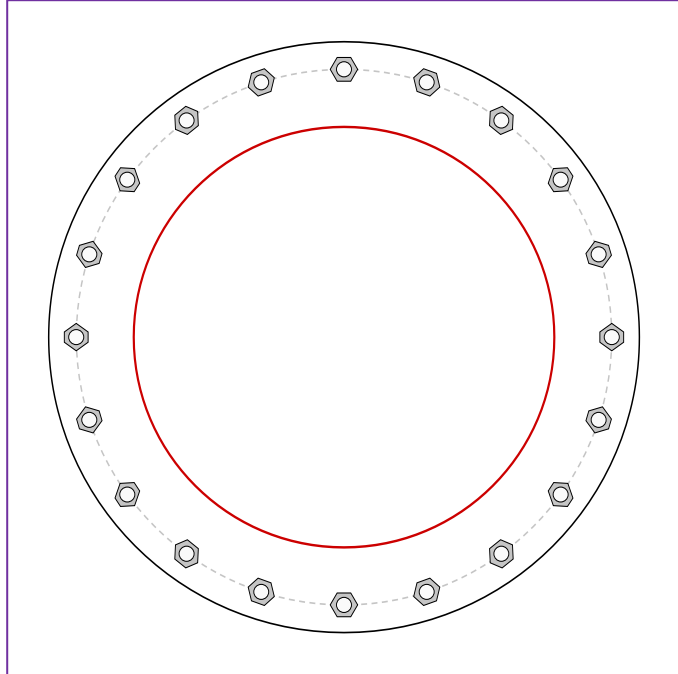
BU #	876326
Site Name	HAYDEN STATION, CT
Order #	608802 Rev# 0

TIA-222 Revision	H
------------------	---

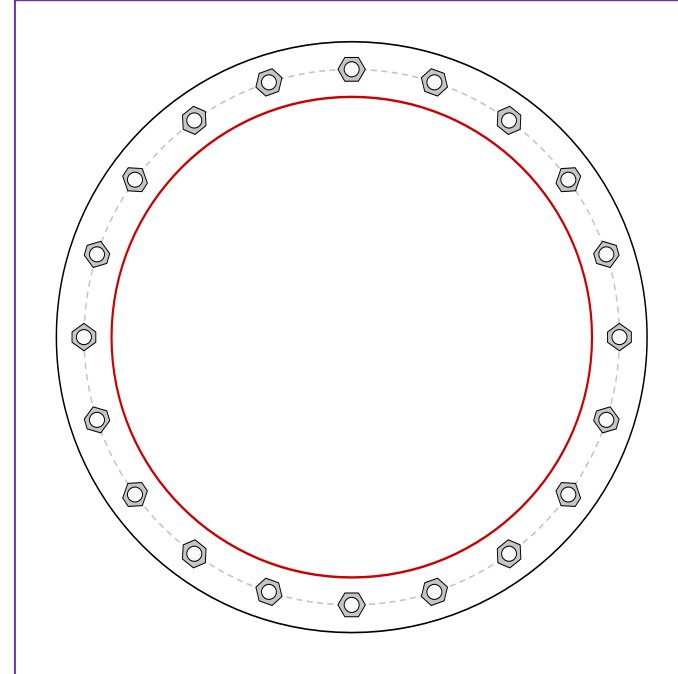
Applied Loads	
Moment (kip-ft)	325.38
Axial Force (kips)	21.70
Shear Force (kips)	19.15

*TIA-222-H Section 15.5 Applied

Top Plate - External



Bottom Plate - External



Connection Properties

Bolt Data

(20) 1-1/2" ϕ bolts (A325 N; Fy=81 ksi, Fu=120 ksi) on 53.5" BC

Top Plate Data

59" OD x 2" Plate (A36; Fy=36 ksi, Fu=58 ksi)

Top Stiffener Data

N/A

Top Pole Data

42" x 0.375" round pole (A53-B-42; Fy=42 ksi, Fu=63 ksi)

Bottom Plate Data

59" OD x 2" Plate (A36; Fy=36 ksi, Fu=58 ksi)

Bottom Stiffener Data

N/A

Bottom Pole Data

48" x 0.375" round pole (A53-B-42; Fy=42 ksi, Fu=63 ksi)

Analysis Results

Bolt Capacity

Max Load (kips)	13.51
Allowable (kips)	126.89
Stress Rating:	10.1% Pass

Top Plate Capacity

Max Stress (ksi):	-
Allowable Stress (ksi):	-
Stress Rating:	Rohn OK
Tension Side Stress Rating:	Rohn OK

Bottom Plate Capacity

Max Stress (ksi):	-
Allowable Stress (ksi):	-
Stress Rating:	Rohn OK
Tension Side Stress Rating:	Rohn OK

Monopole Flange Plate Connection

Elevation = 32.5 ft.



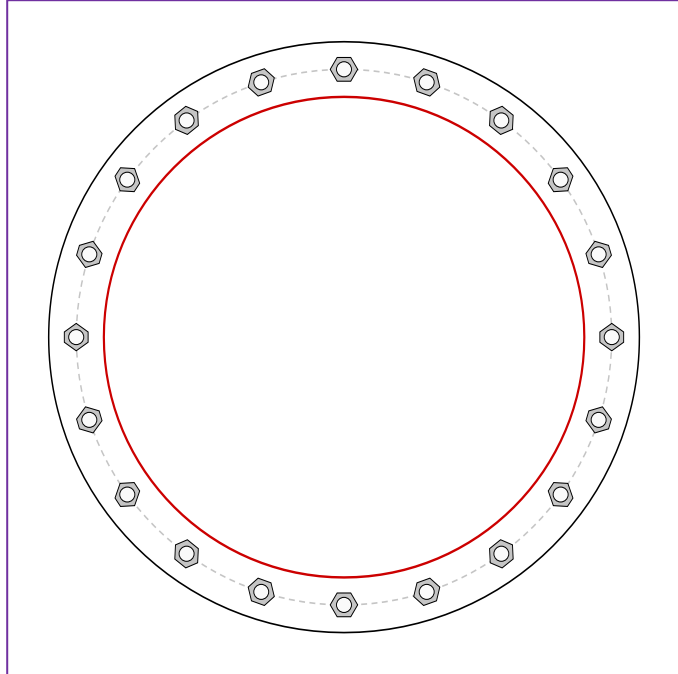
BU #	876326
Site Name	HAYDEN STATION, CT
Order #	608802 Rev# 0

Applied Loads	
Moment (kip-ft)	1000.43
Axial Force (kips)	30.49
Shear Force (kips)	22.28

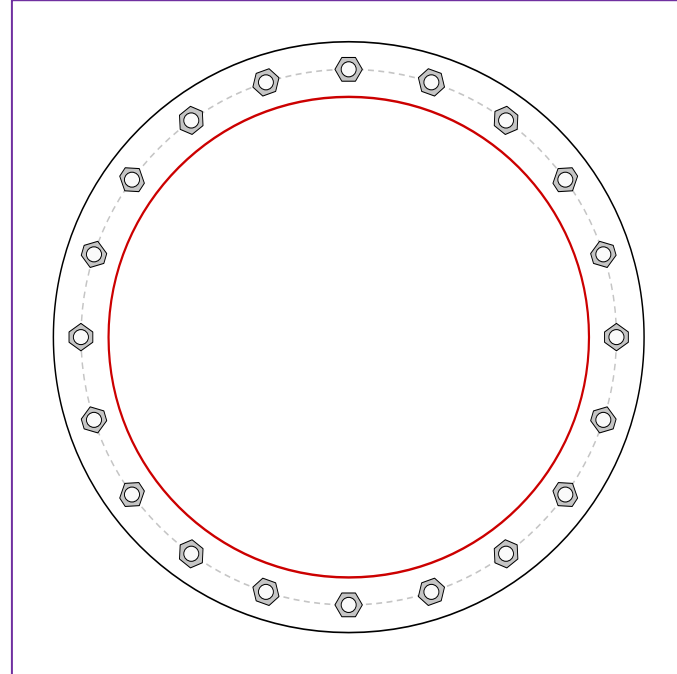
TIA-222 Revision	H
------------------	---

*TIA-222-H Section 15.5 Applied

Top Plate - External



Bottom Plate - External



Connection Properties

Bolt Data

(20) 1-1/2" ϕ bolts (a325 N; Fy=81 ksi, Fu=120 ksi) on 53.5" BC

Top Plate Data

59" OD x 2" Plate (A36; Fy=36 ksi, Fu=58 ksi)

Top Stiffener Data

N/A

Top Pole Data

48" x 0.375" round pole (A53-B-42; Fy=42 ksi, Fu=63 ksi)

Bottom Plate Data

59" OD x 2" Plate (A36; Fy=36 ksi, Fu=58 ksi)

Bottom Stiffener Data

N/A

Bottom Pole Data

48" x 0.5" round pole (A53-B-42; Fy=42 ksi, Fu=63 ksi)

Analysis Results

Bolt Capacity

Max Load (kips)	43.34
Allowable (kips)	126.89
Stress Rating:	32.5% Pass

Top Plate Capacity

Max Stress (ksi):	-
Allowable Stress (ksi):	-
Stress Rating:	Rohn OK
Tension Side Stress Rating:	Rohn OK

Bottom Plate Capacity

Max Stress (ksi):	-
Allowable Stress (ksi):	-
Stress Rating:	Rohn OK
Tension Side Stress Rating:	Rohn OK

Monopole Base Plate Connection

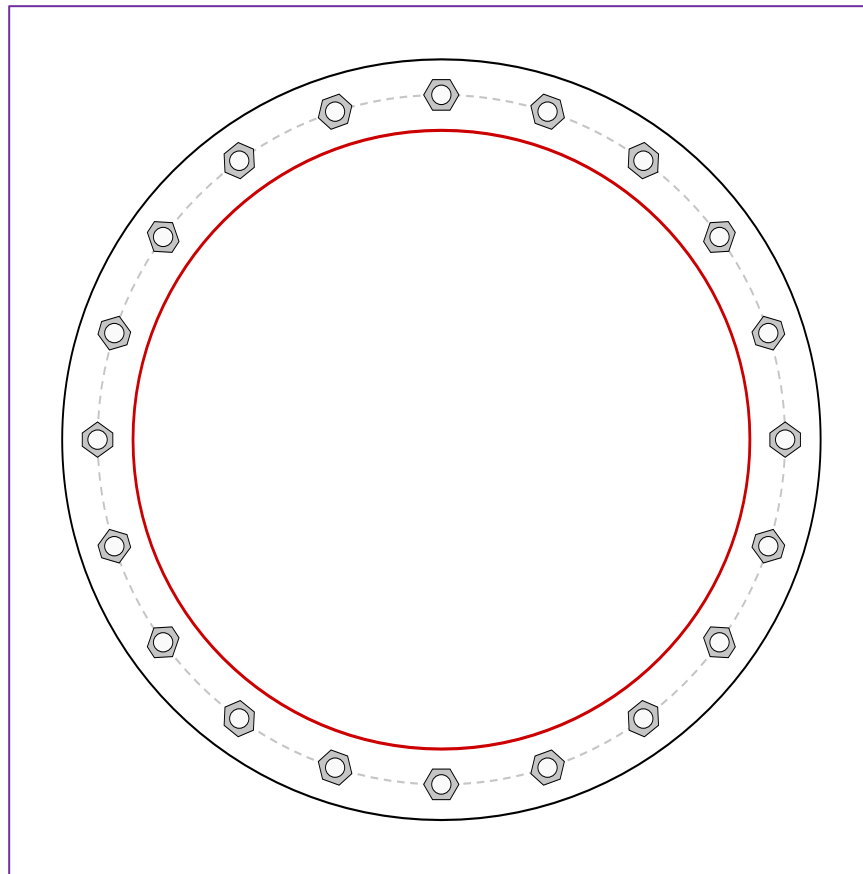


Site Info	
BU #	876326
Site Name	HAYDEN STATION, CT
Order #	608802 Rev# 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	Yes
l_{ar} (in)	0

Applied Loads	
Moment (kip-ft)	1761.91
Axial Force (kips)	41.91
Shear Force (kips)	24.52

*TIA-222-H Section 15.5 Applied



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

Anchor Rod Data
(20) 1-1/2" ϕ bolts (A354-BC N; $F_y=109$ ksi, $F_u=125$ ksi) on 53.5" BC
Base Plate Data
59" OD x 2" Plate (A36; $F_y=36$ ksi, $F_u=58$ ksi)
Stiffener Data
N/A
Pole Data
48" x 0.5" round pole (A53-B-42; $F_y=42$ ksi, $F_u=63$ ksi)

Anchor Rod Summary			<i>(units of kips, kip-in)</i>
$P_{u,t} = 76.92$	$\phi P_{n,t} = 132.19$	Stress Rating	
$V_u = 1.23$	$\phi V_n = 82.83$	55.4%	
$M_u = n/a$	$\phi M_n = n/a$	Pass	
Base Plate Summary			
Max Stress (ksi):	-		
Allowable Stress (ksi):	-		
Stress Rating:	Rohn OK		

Drilled Pier Foundation

BU # :	876326
Site Name:	HAYDEN STATION,CT
Order Number:	608802 Rev#0
TIA-222 Revision:	H
Tower Type:	Monopole



Applied Loads		
	Comp.	Uplift
Moment (kip-ft)	1762	
Axial Force (kips)	42	
Shear Force (kips)	25	

Material Properties			Rebar 2, Fy Override (ksi)
Concrete Strength, f'c:	3	ksi	
Rebar Strength, Fy:	60	ksi	
Tie Yield Strength, Fyt:	60	ksi	

Pier Design Data		
Depth	30	ft
Ext. Above Grade	0.5	ft
Pier Section 1		
<i>From 0.5' above grade to 30' below grade</i>		
Pier Diameter	7	ft
Rebar Quantity	24	
Rebar Size	10	
Rebar Cage Diameter	72	in
Tie Size	5	
Tie Spacing	12	in

Rebar & Pier Options
Embedded Pole Inputs
Belled Pier Inputs

Analysis Results

Soil Lateral Check	Compression	Uplift
D _{v=0} (ft from TOC)	8.63	-
Soil Safety Factor	8.85	-
Max Moment (kip-ft)	1946.49	-
Rating*	14.3%	-

Soil Vertical Check	Compression	Uplift
Skin Friction (kips)	647.02	-
End Bearing (kips)	173.18	-
Weight of Concrete (kips)	211.28	-
Total Capacity (kips)	820.20	-
Axial (kips)	253.28	-
Rating*	29.4%	-

Reinforced Concrete Flexure	Compression	Uplift
Critical Depth (ft from TOC)	8.56	-
Critical Moment (kip-ft)	1946.46	-
Critical Moment Capacity	4835.74	-
Rating*	38.3%	-

Reinforced Concrete Shear	Compression	Uplift
Critical Depth (ft from TOC)	22.48	-
Critical Shear (kip)	193.13	-
Critical Shear Capacity	622.91	-
Rating*	29.5%	-

Structural Foundation Rating*	38.3%
Soil Interaction Rating*	29.4%

*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	31	# of Layers	3

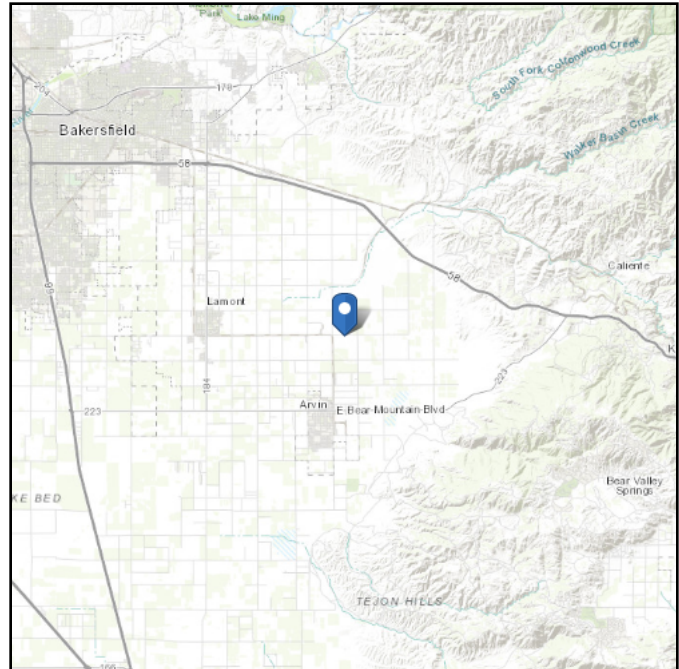
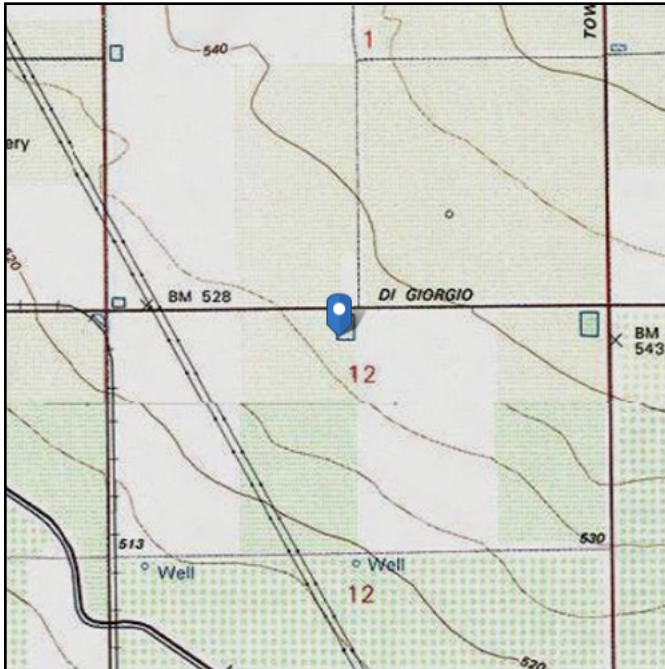
Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ _{soil} (pcf)	γ _{concrete} (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Gross Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	3.5	3.5	120	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	3.5	20	16.5	120	150	0	32	0.878	0.878				9	Cohesionless
3	20	30	10	120	150	0	32	2.475	2.475			6	25	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: 141.24 ft (NAVD 88)
Latitude: 41.897833
Longitude: -72.644083



Wind

Results:

Wind Speed	116 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: Mon Feb 14 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).

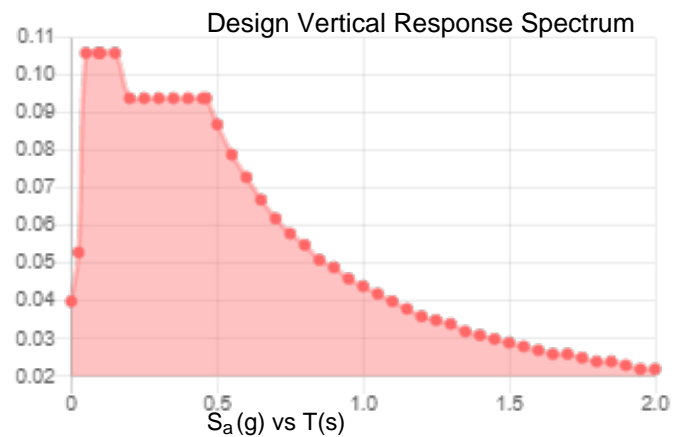
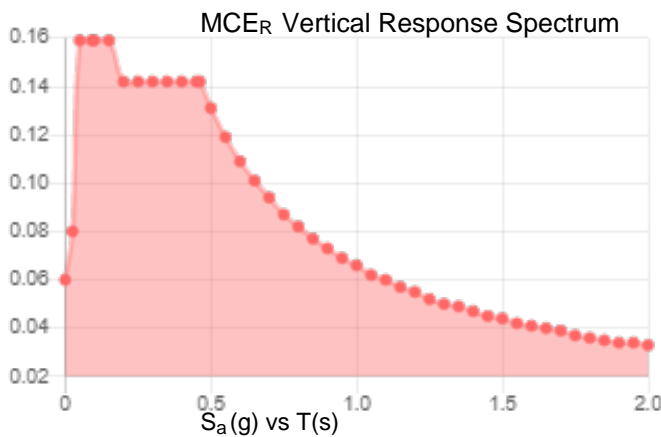
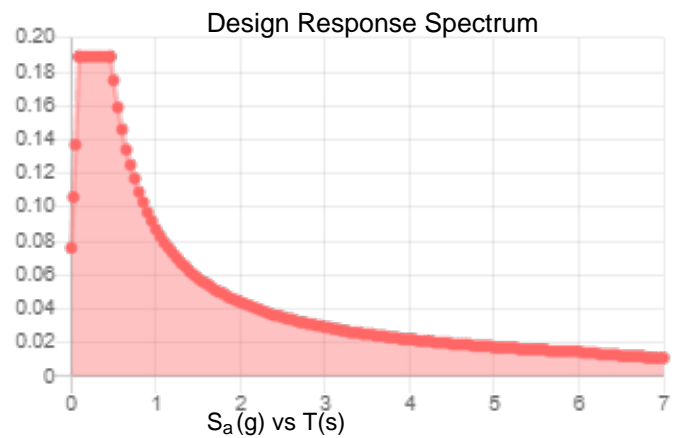
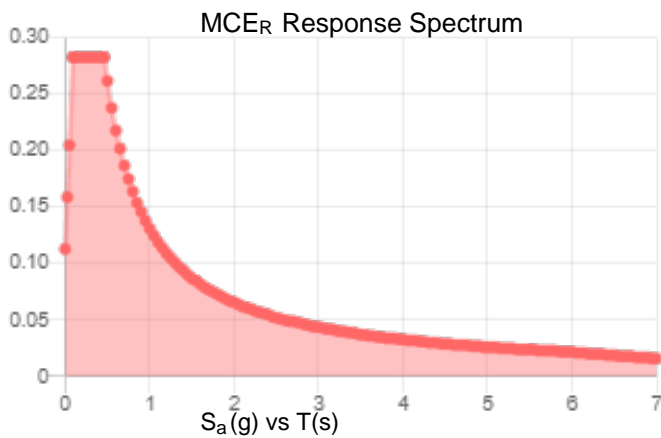
Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

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

Results:

S_s :	0.177	S_{D1} :	0.087
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.094
F_v :	2.4	PGA _M :	0.15
S_{MS} :	0.283	F_{PGA} :	1.6
S_{M1} :	0.131	I_e :	1
S_{DS} :	0.189	C_v :	0.7

Seismic Design Category B



Data Accessed: Mon Feb 14 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: Mon Feb 14 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.

Exhibit E

Mount Analysis

Date: **May 5, 2022**



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

Subject: **Mount Modification Analysis Report**

Carrier Designation: **AT&T Mobility**
Carrier Site Number: **CT5140**
Carrier Site Name: **WINDSOR BREAKNECK**
FA Number: **10071329**

Crown Castle Designation: **Crown Castle BU Number:** **876326**
Crown Castle Site Name: **HAYDEN STATION**
Crown Castle JDE Job Number: **709489**
Crown Castle Order Number: **608802 Rev.0**

Engineering Firm Designation: **POD Report Designation:** **22-128129**

Site Data: **440 Hayden Station Road, Windsor, Hartford County, CT 06095**
Latitude 41° 53' 52.20" Longitude -72° 38' 38.70"

Structure Information: **Tower Height & Type:** **96 ft Monopole**
Mount Elevation: **92 ft**
Mount Type: **13 ft Sector Frame**

POD Group is pleased to submit this "Mount Modification Analysis 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 (Multiple 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 116 mph. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Mount structural analysis prepared by: Affan Abdullah Mohammed

Respectfully submitted by:

Jason Cheronis, PE
Connecticut PE#: 0032793



TABLE OF CONTENTS

- 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

1) INTRODUCTION

This is an existing 3-Sector, 13ft Sector Frame.

2) ANALYSIS CRITERIA

Building Code: 2018 IBC
TIA-222 Revision: TIA-222-H
Risk Category: II
Ultimate Wind Speed: 116 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: 0.177
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
92	94	3	CCI ANTENNAS	DMP65R-BU8D	13 ft Sector Frame	-
		3	ERICSSON	AIR 6419 B77G_CCIV3		1
		3	QUINTEL TECHNOLOGY	QD8616-7		-
		3	ERICSSON	RRUS 32 B30		
		3	ERICSSON	RRUS 4449 B5/B12		
		3	ERICSSON	RRUS 4478		
		3	ERICSSON	RRUS 8843 B2/ B66A		
		3	ERICSSON	RRUS E2 B29		
		2	RAYCAP	DC6-48-60-18-8F		
	1	RAYCAP	DC9-48-60-24-8C-EV_CCIV2			
90	3	ERICSSON	AIR 6449 B77D_CCVI2	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 #: 608802 Rev.0 Dated: 04/18/2022	Crown Castle
RFDS	-	AT&T Mobility File Name: CTL05140 Dated: 03/29/2022	Crown Castle
Structural Analysis	-	FDH Report #: 19BNHI1400 Dated: 07/10/2019	Crown Castle
Previous Mount Analysis	-	POD Project #: 22-127673 Dated: 04/22/2022	POD
Mount Modification Design Drawings	-	POD Project #: 22-128129 Dated: 05/05/2022	POD
Tieback Kit Specification Sheets	-	SitePro1 Part #: SPTB Dated: 11/17/2016	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.

4) ANALYSIS RESULTS

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

Notes	Component	Critical Member	Centerline (ft)	% Capacity	Pass / Fail
1	Brace	BRACE2	92	85.2	Pass
	Tieback	TIEBACK3		71.2	Pass
	Plate	BP19		71.1	Pass
	Face	FACE2A		67.4	Pass
	Mount Pipe	MP GAMMA4		43.0	Pass
	Kicker	KICKER11		25.3	Pass
	Vertical	VERT7		19.7	Pass
	Diagonal	DIAG3		15.9	Pass
	Bolts	-		26.3	Pass

Structure Rating (max from all components) =	85.2%
---	--------------

Notes:

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

4.1) Recommendations

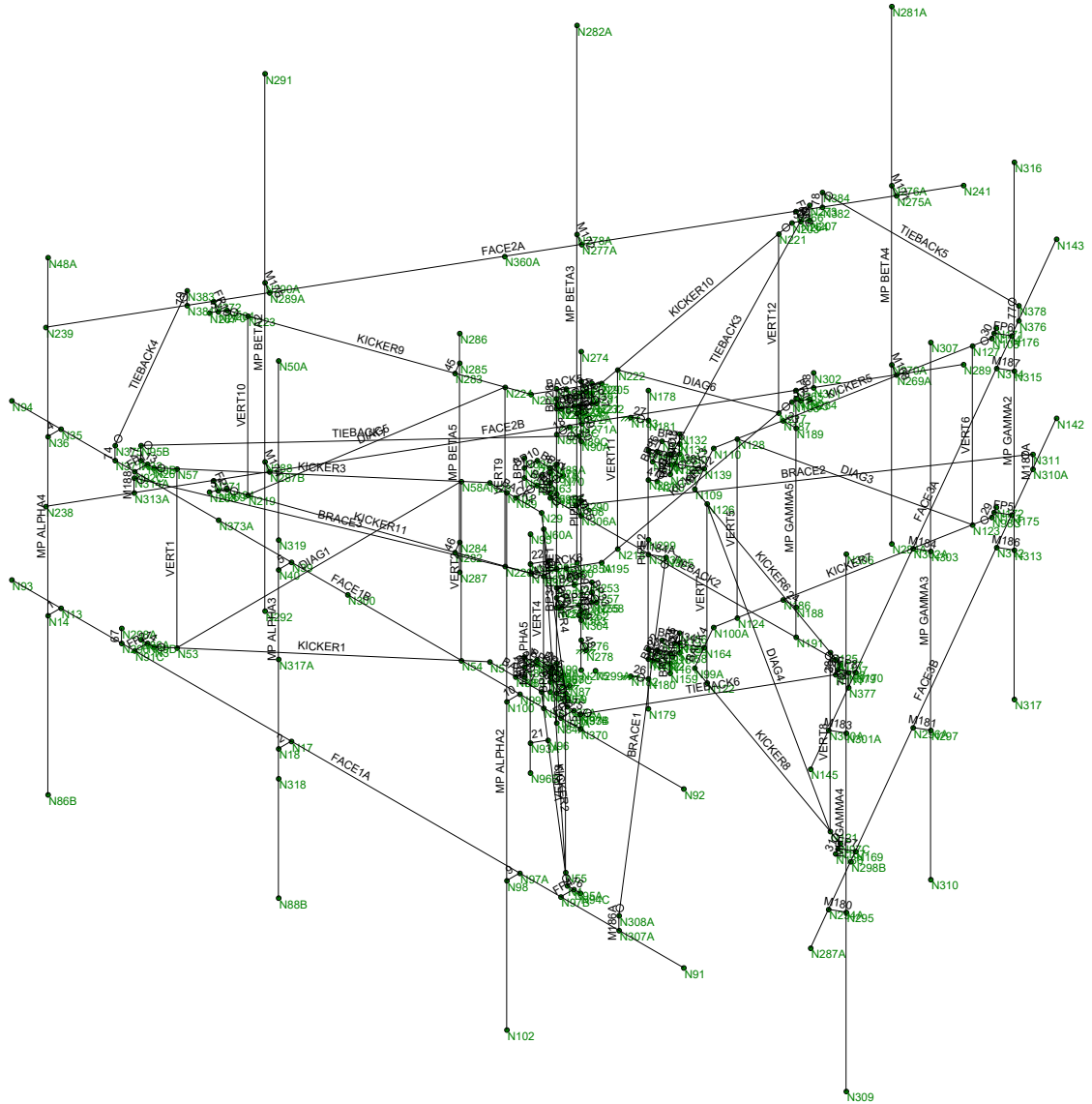
The mount has sufficient capacity to carry the proposed loading configuration. In order for the results of the analysis to be considered valid, the structural modifications listed below must be completed.

1. Install new SitePro1 tieback kit (P/N: SPTB) (ANT.5165) (1 per sector, 3 total).
2. Existing mount pipe in position #4 to be moved to 1'-0" from the edge of the face on each sector
3. Removed unused mount pipe #1 on each sector per external comments on CCI

Engineering detail drawings have been provided in Appendix F – Mount Modification Design Drawings. Connection from the mount to the tower and local stresses on the tower are sufficient.

APPENDIX A

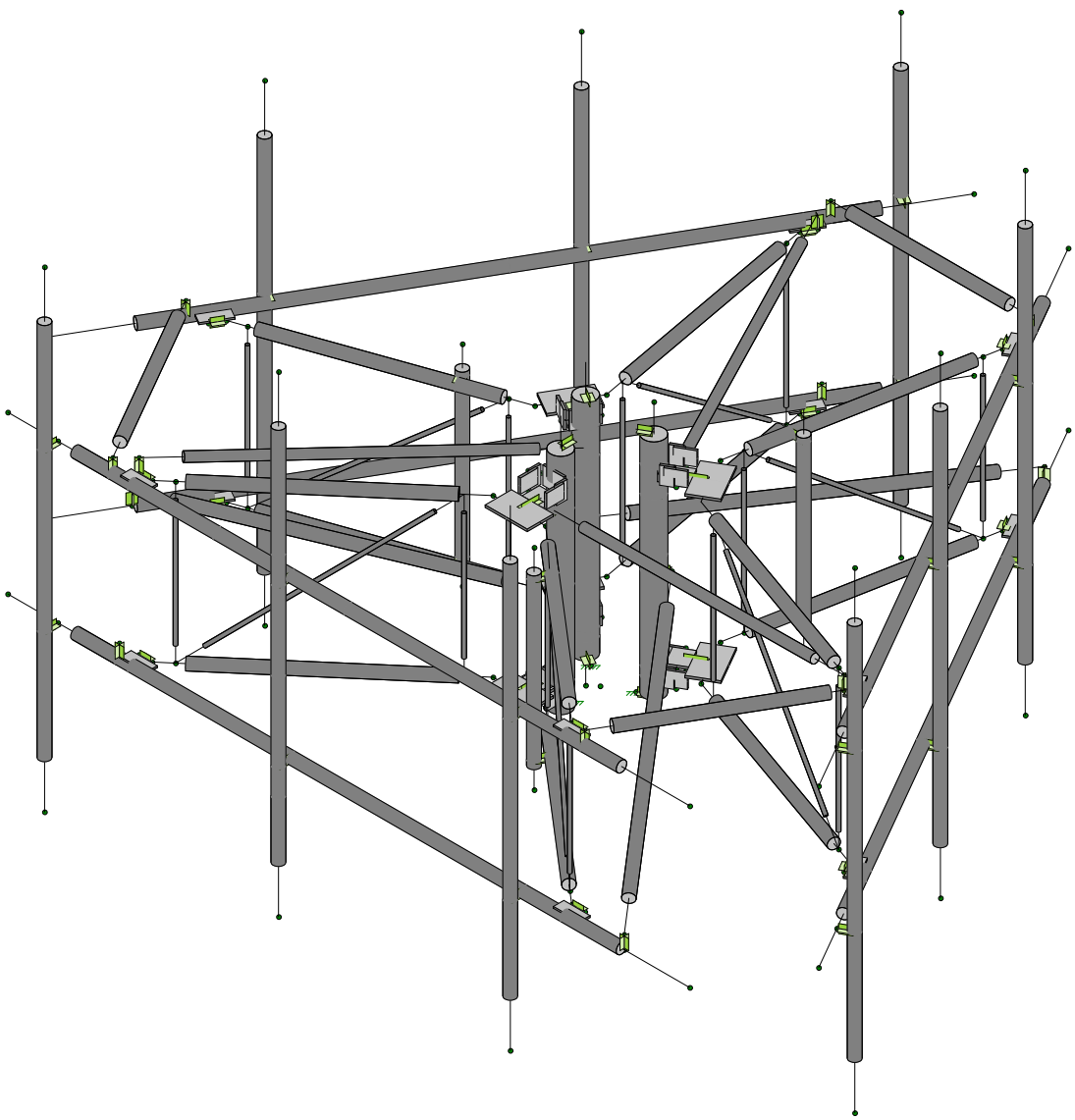
Wire Frame and Rendered Models



POD
AM
22-128129

876326

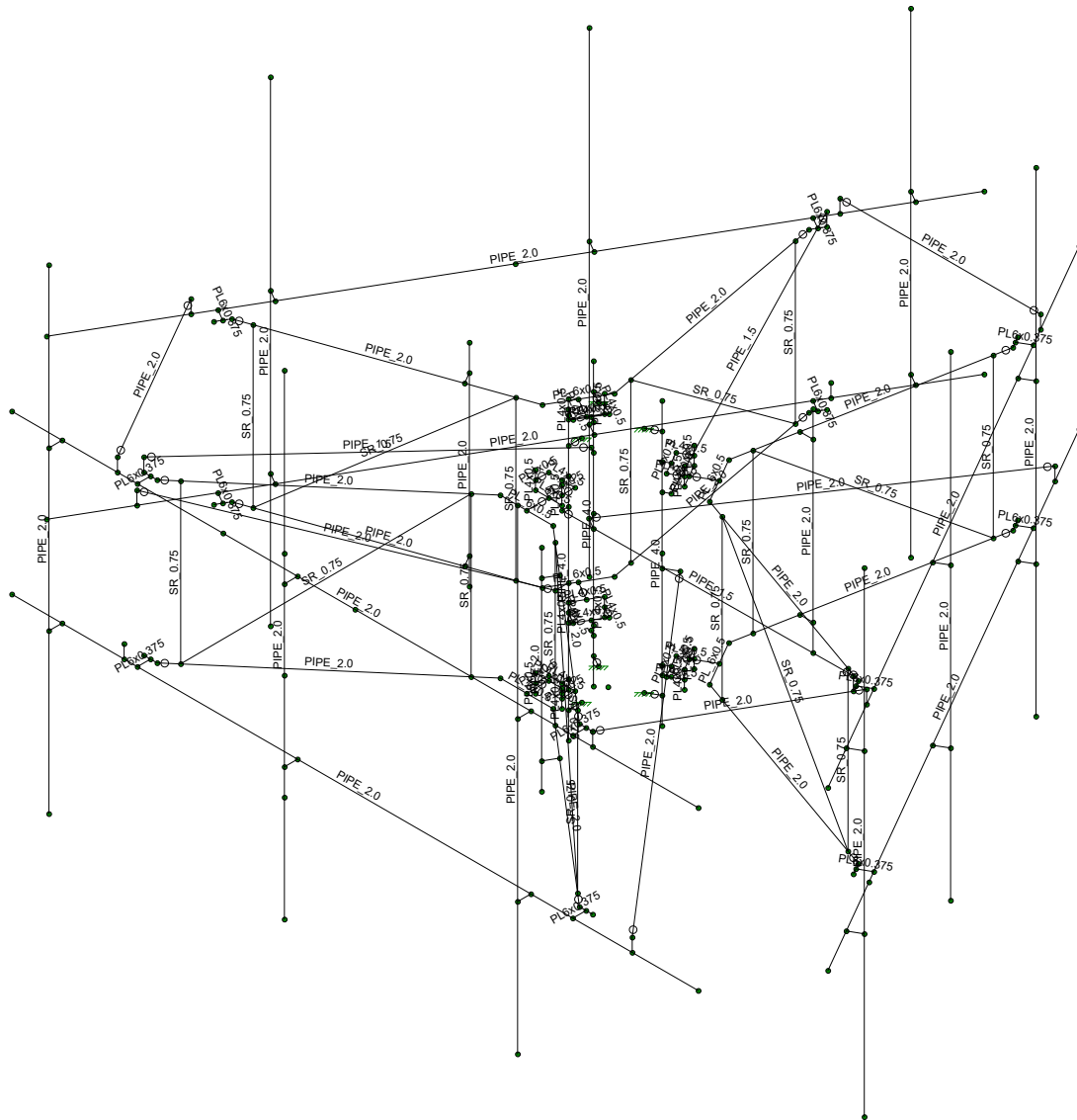
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May 4, 2022 at 1:14 PM
(SF20) 876326 - MOD TEST.R3D



POD
AM
22-128129

876326

SK - 2
May 4, 2022 at 1:16 PM
(SF20) 876326 - MOD TEST.R3D



POD

AM

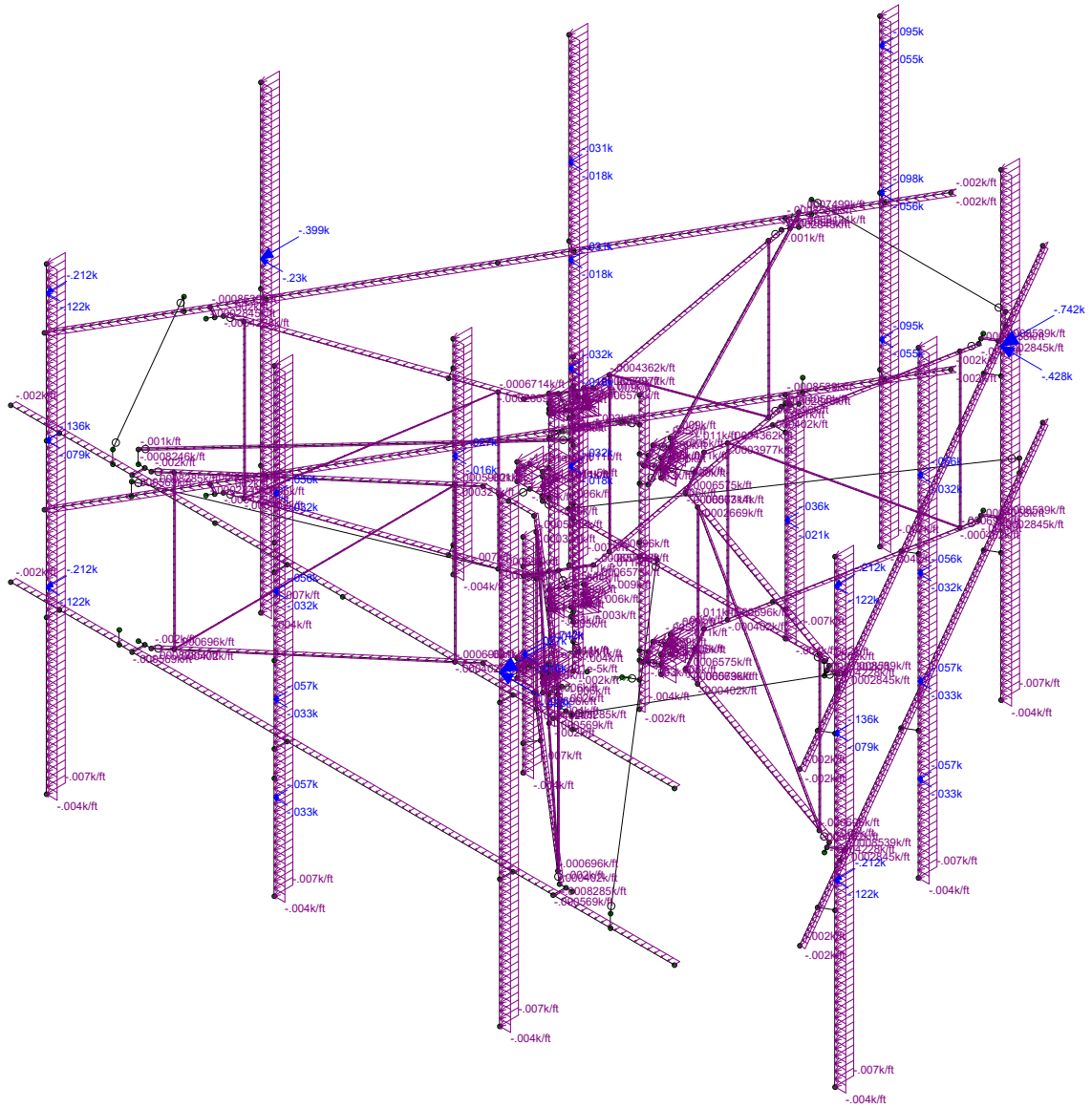
22-128129

876326

SK - 3

May 4, 2022 at 1:16 PM

(SF20) 876326 - MOD TEST.R3D



Loads: BLC 4, Wind Load (30)

POD

AM

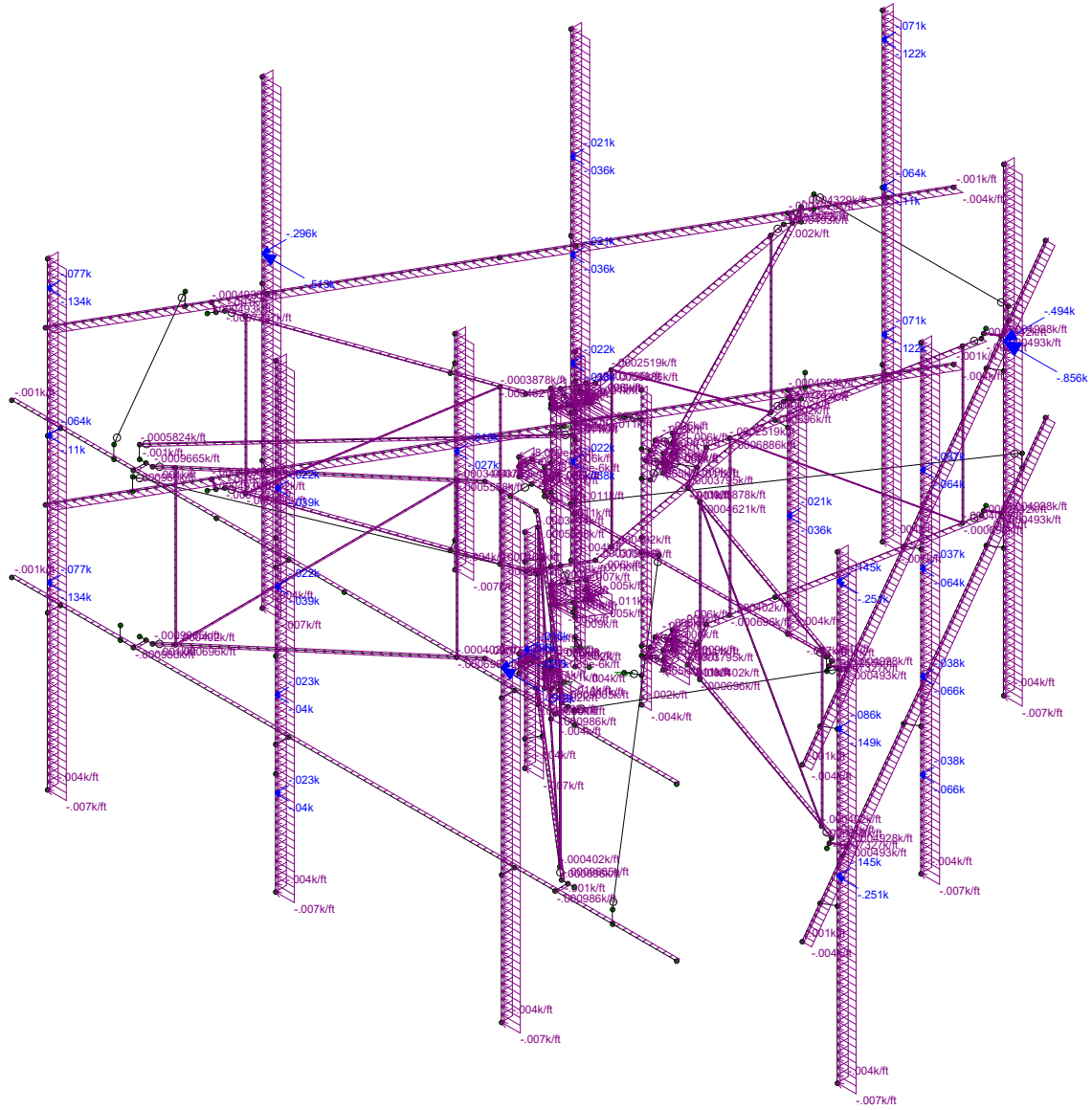
22-128129

876326

SK - 6

May 4, 2022 at 1:24 PM

(SF20) 876326 - MOD TEST.R3D



Loads: BLC 5, Wind Load (60)

POD

AM

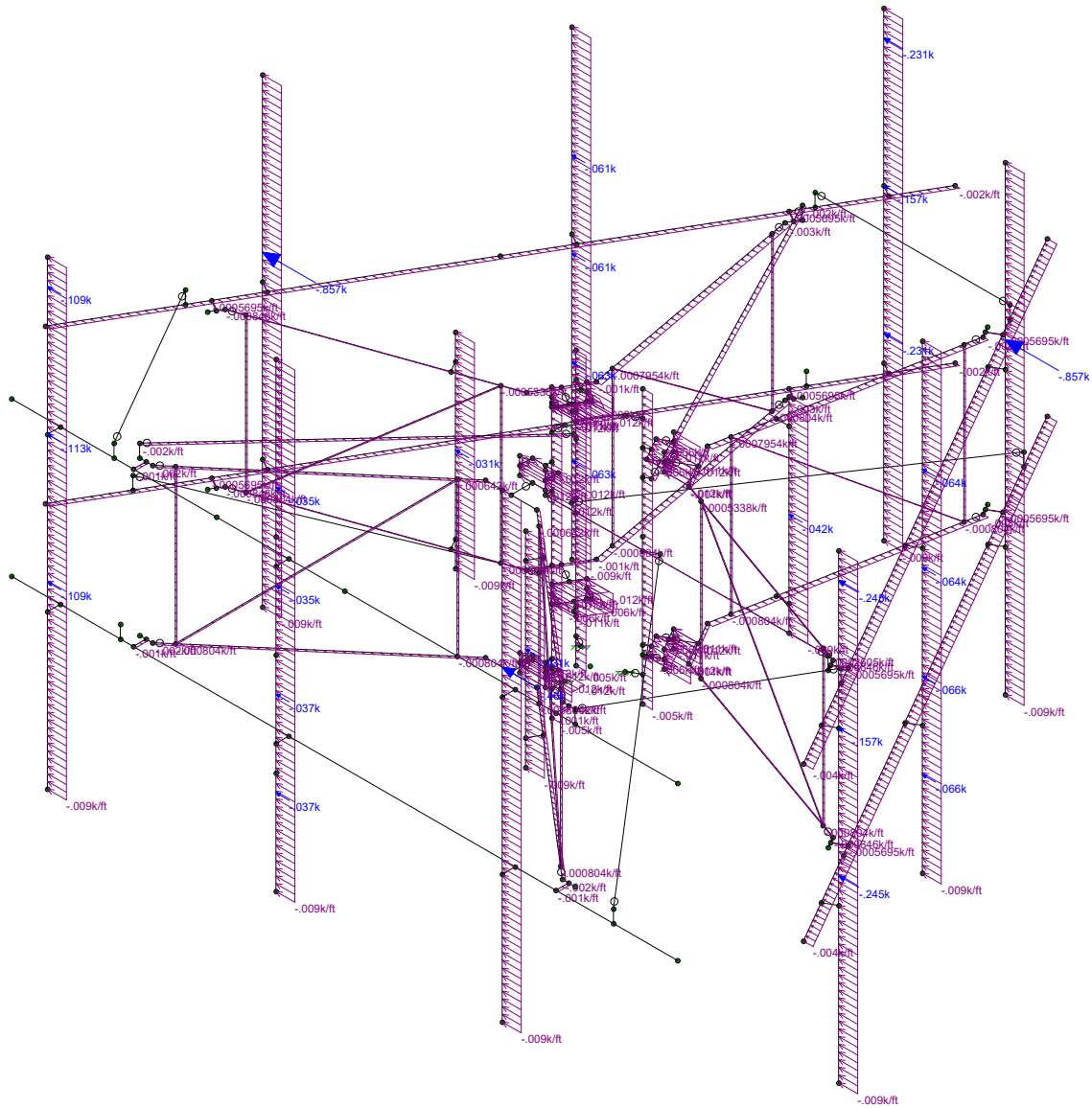
22-128129

876326

SK - 7

May 4, 2022 at 1:25 PM

(SF20) 876326 - MOD TEST.R3D



Loads: BLC 6, Wind Load (90)

POD

AM

22-128129

876326

SK - 8

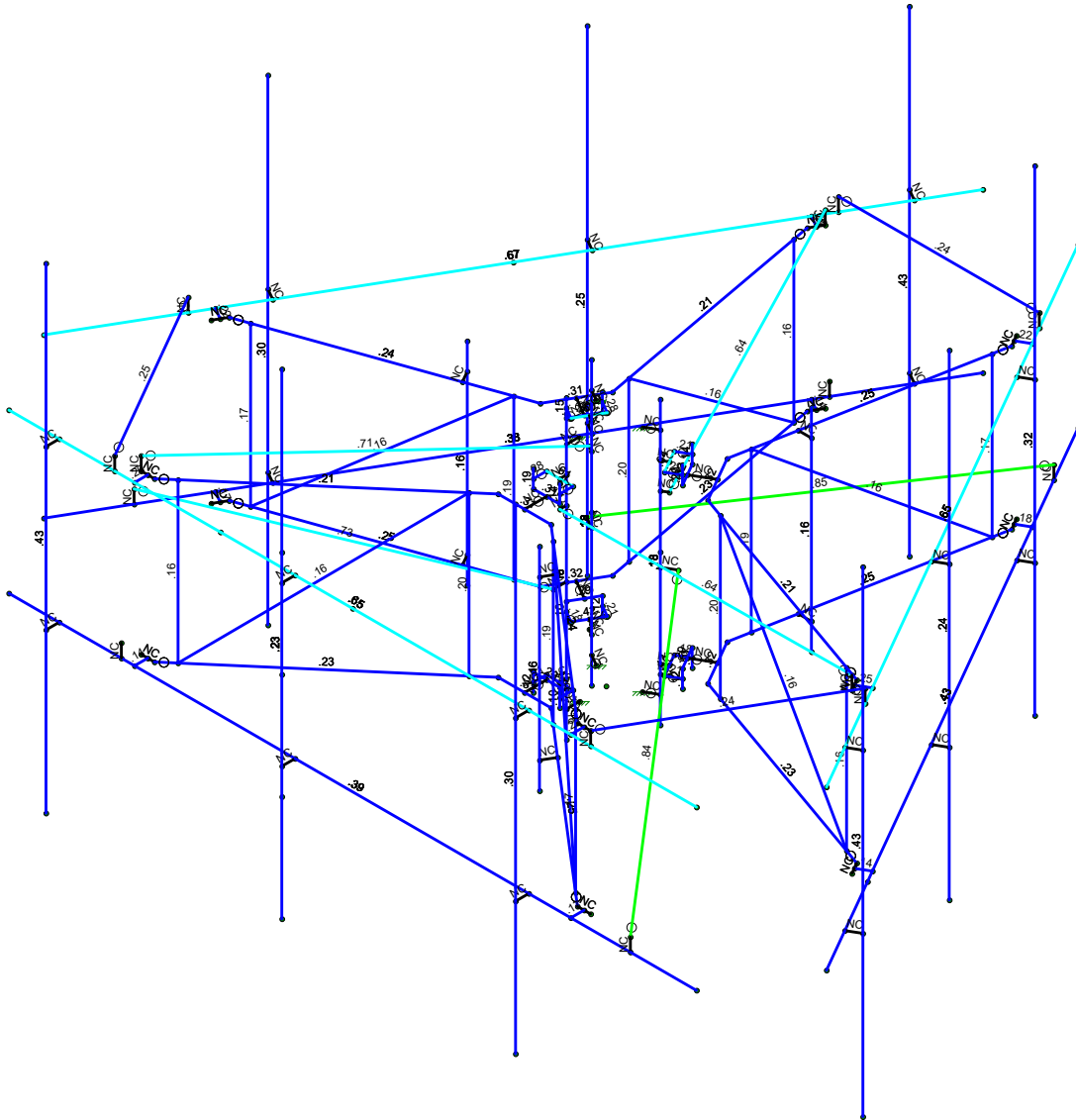
May 4, 2022 at 1:25 PM

(SF20) 876326 - MOD TEST.R3D



Code Check
(Env)

- No Calc
- > 1.0
- 90-1.0
- 75-90
- 50-75
- 0-50

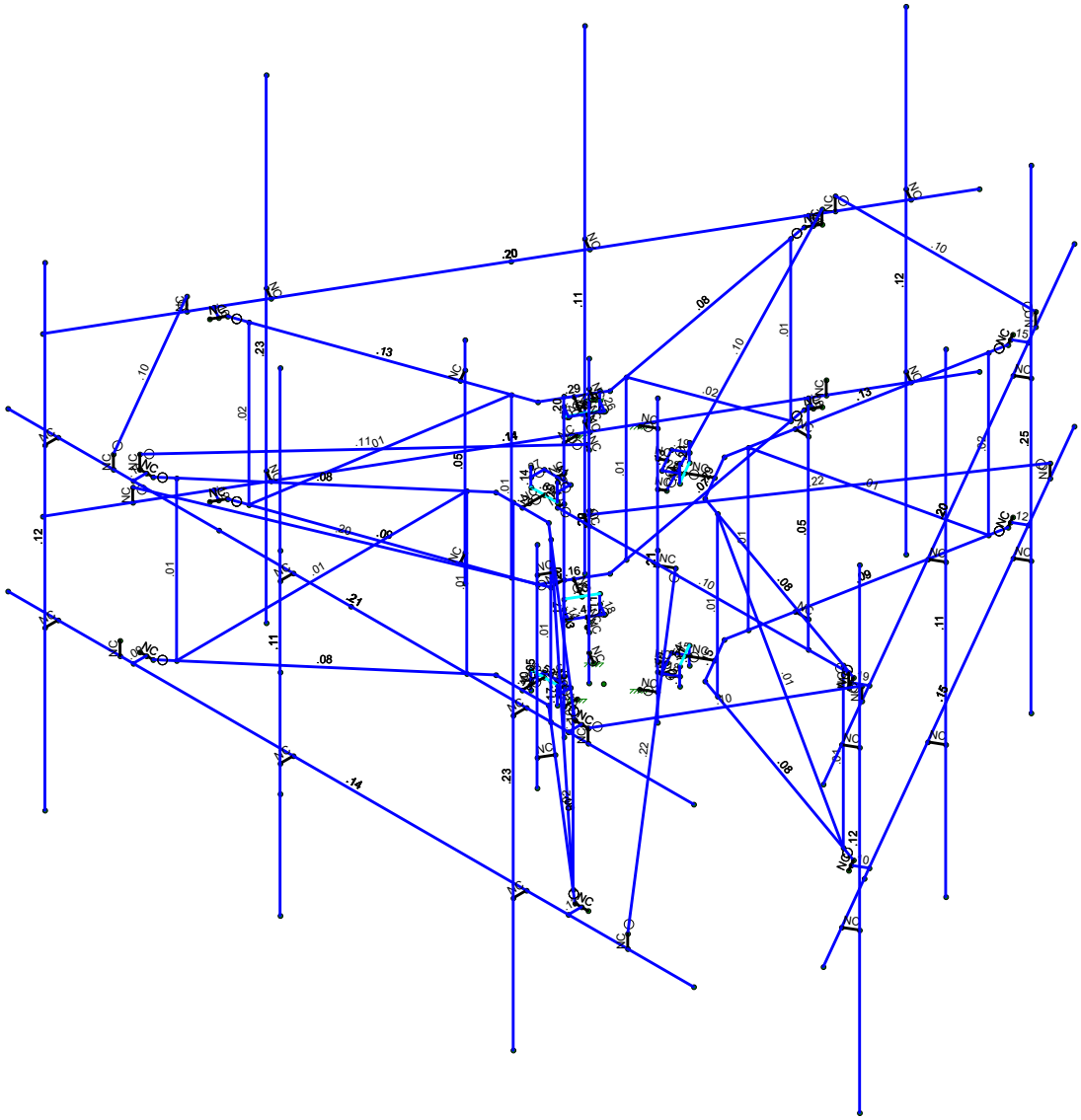
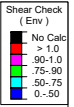


Member Code Checks Displayed (Enveloped)
Results for LC 1, 1.4D

POD
AM
22-128129

876326

SK - 9
May 4, 2022 at 1:26 PM
(SF20) 876326 - MOD TEST.R3D



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

POD

AM

22-128129

876326

SK - 10

May 4, 2022 at 1:26 PM

(SF20) 876326 - MOD TEST.R3D

APPENDIX B
Software Input Calculations



POD Job # 22-128129
Site Number 876326
Site Name HAYDEN STATION

General Site Information

Mount Type	SFP	Risk Category	II	I (seismic)	1	Use CFD	Yes
V (Wind Speed)	116	I(ice)	1	Sms	0.283		
Zs	141.24			Sm1	0.132	width (ft)	height (ft)
ti	1.5	Ss	0.177	Sds	0.189	13	3
Vi	50	S1	0.055	Sd1	0.088		
Kzt	1	Soil Site Class	D (assumed)	Seismic Design Category			
Exposure	C	Fa	1.600	B			
zg	900	Fv	2.400	Seismic Analysis Not Required			
α	9.5	Tower Type	Monopole	R	2 TIA-222-H 16.7		
Kmin	0.85	Tower Height	96	As	1 TIA-222-H 16.7		
G _H	1			Cs, Min	0.03 TIA-222-H 2.7.7.1.1		
Ke	0.99			Cs	0.0944 TIA-222-H 2.7.7.1.1		
K _D	0.95						
K _s	0.9						

Appurtenance Information

Model	Shielded	% Shielded	Centerline	Centerline on MP	Spacing (in)	Azimuth	Sector	Quantity	MP #
DMP65R-BU8D			94	6	60		A/C	1	4
AIR 6419 B77G_CCV3			90	2.5	20		A/C	1	3
AIR 6449 B77D_CCV2			94	6	20		A/C	1	3
QD8616-7			94	6			A/B/C	1	2
RRUS 32 B30			94	6			A/B/C	1	4
RRUS 4449 B5/B12			94	6			A/B/C	1	4
RRUS 4478 B14			94	6			A/B/C	1	2
RRUS 8843 B2/B66A			94	6			A/B/C	1	2
RRUS E2 B29			94	6			A/B/C	1	2
DC6-48-60-18-8F			94	2			A/B	1	5
DC9-48-60-24-8C-EV_CCV2			94	2			C	1	5
DMP65R-BU8D			94	6	60	5	B	1	4
AIR 6419 B77G_CCV3			90	2.5	20	5	B	1	3
AIR 6449 B77D_CCV2			94	6	20	5	B	1	3

Mount Information

Elevation (ft)	92	Grating Thickness (in)	1
K _s	1.24	Grating Ice Weight (k/ft ²)	0.019
K _{iz}	1.11		
t _{iz}	1.66		

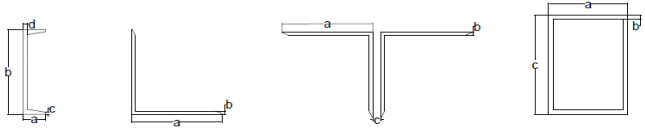
Mount Pipes	Length (ft)	Width (in)	Centerline
	9	2.375	92

Round Members

Member	Length (ft)	Width (in)	Frame Member	# of Members
VERT	3	0.75	No	12
TIEBACK	6.11	1.875	No	3
PIPE	5.33	4.5	No	3
KICKER	4.61	2.375	No	12
FACE ON	13	2.375	Yes	4
FACE OFF	13	2.375	No	2
DIAG	4.922	0.75	No	6
TIEBACK MOD	4	2.375	No	3
BRACE	7.5	2.375	No	3

Flat Members

Member	Length (ft)	Width (in)	Shape	A	B	C	D	Frame Member	# of Members
FP	0.25	0.375	Channel			0.375		No	12
BP	0.5	4	Channel				4	No	36
BACK	1	0.5	Channel				0.5	No	6



Appurtenance Wind Calculations

Model	Height	Width	Depth	Weight (lbs)	Kz	qz (lb/ft ²)	(EPA) _w (ft ²)	(EPA) _f (ft ²)	Wind Force (Kips)				
									Front	Side	Alpha	Beta	Gamma
DMP65R-BU8D	96.0	20.7	7.7	105.6	1.25	40.67	15.86	5.95	0.645	0.242	0.544	0.544	0.242
AIR 6419 B77G_CCIV3	31.1	16.1	7.3	44.0	1.24	40.30	3.76	1.81	0.151	0.073	0.132	0.132	0.073
AIR 6449 B77D_CCIV2	30.4	15.9	8.1	81.6	1.25	40.67	3.64	1.72	0.148	0.070	0.129	0.129	0.070
QD8616-7	96.0	22.0	9.6	150.0	1.25	40.67	18.35	7.99	0.746	0.325	0.641	0.641	0.325
RRUS 32 B30	27.2	12.1	7.0	53.0	1.25	40.67	2.47	1.50	0.100	0.061	0.091	0.091	0.061
RRUS 4449 B5/B12	17.9	13.2	9.4	71.0	1.25	40.67	1.77	1.27	0.072	0.052	0.067	0.067	0.052
RRUS 4478 B14	16.5	13.4	7.7	59.9	1.25	40.67	1.66	0.95	0.067	0.039	0.060	0.060	0.039
RRUS 8843 B2/B66A	14.9	13.2	10.9	72.0	1.25	40.67	1.48	1.22	0.060	0.050	0.057	0.057	0.050
RRUS E2 B29	20.4	18.5	7.5	52.9	1.25	40.67	2.83	1.16	0.115	0.047	0.098	0.098	0.047
DC6-48-60-18-8F	22.3	11.0	11.0	18.9	1.25	40.67	0.76	0.76	0.031	0.031	0.031	0.031	0.031
DC9-48-60-24-8C-EV_CCIV2	31.4	10.2	10.2	18.5	1.25	40.67	1.03	1.03	0.042	0.042	0.042	0.042	0.042
DMP65R-BU8D	96.0	20.7	7.7	105.6	1.25	40.67	15.86	5.95	0.645	0.242	0.573	0.573	0.245
AIR 6419 B77G_CCIV3	31.1	16.1	7.3	44.0	1.24	40.30	3.76	1.81	0.151	0.073	0.137	0.137	0.074
AIR 6449 B77D_CCIV2	30.4	15.9	8.1	81.6	1.25	40.67	3.64	1.72	0.148	0.070	0.134	0.134	0.071

Appurtenance Ice Calculations

Model	tiz (in)	Height	Width	Depth	Weight (lbs)	Kiz	qz (lb/ft ²)	(EPA) _w (ft ²)	(EPA) _f (ft ²)	Wind Force (Kips)				
										Front	Side	Alpha	Beta	Gamma
DMP65R-BU8D	1.67	99.33	24.03	11.03	357.46	1.11	7.56	17.15	7.92	0.130	0.060	0.112	0.112	0.060
AIR 6419 B77G_CCIV3	1.66	34.42	19.42	10.62	111.46	1.11	7.49	2.93	1.64	0.022	0.012	0.020	0.020	0.012
AIR 6449 B77D_CCIV2	1.67	33.72	19.20	11.40	113.10	1.11	7.56	4.41	2.49	0.033	0.019	0.030	0.030	0.019
QD8616-7	1.67	99.33	25.33	12.93	397.36	1.11	7.56	19.68	10.04	0.149	0.076	0.131	0.131	0.076
RRUS 32 B30	1.67	30.53	15.43	10.33	83.07	1.11	7.56	2.07	1.40	0.016	0.011	0.014	0.014	0.011
RRUS 4449 B5/B12	1.67	21.23	16.52	12.77	72.94	1.11	7.56	1.54	1.19	0.012	0.009	0.011	0.011	0.009
RRUS 4478 B14	1.67	19.83	16.73	11.03	63.44	1.11	7.56	1.46	0.96	0.011	0.007	0.010	0.010	0.007
RRUS 8843 B2/B66A	1.67	18.23	16.53	14.23	69.52	1.11	7.56	1.32	1.14	0.010	0.009	0.010	0.010	0.009
RRUS E2 B29	1.67	23.73	21.83	10.83	90.12	1.11	7.56	2.27	1.13	0.017	0.009	0.015	0.015	0.009
DC6-48-60-18-8F	1.67	25.58	14.33	14.33	83.01	1.11	7.56	1.60	1.60	0.012	0.012	0.012	0.012	0.012
DC9-48-60-24-8C-EV_CCIV2	1.67	34.73	13.57	13.57	100.59	1.11	7.56	2.07	2.07	0.016	0.016	0.016	0.016	0.016
DMP65R-BU8D	1.67	99.33	24.03	11.03	357.46	1.11	7.56	17.15	7.92	0.130	0.060	0.121	0.121	0.061
AIR 6419 B77G_CCIV3	1.66	34.42	19.42	10.62	111.46	1.11	7.49	2.93	1.64	0.022	0.012	0.021	0.021	0.012
AIR 6449 B77D_CCIV2	1.67	33.72	19.20	11.40	113.10	1.11	7.56	4.41	2.49	0.033	0.019	0.032	0.032	0.019

Round Members

Member	q _i (lb/ft ²)	Ar	C	Wind Calculations				Ice Calculations							
				Rr	Cf	EPA (ft ²)	Load (k/ft)	Width (in)	Weight (k/ft)	q _i (lb/ft ²)	Arice	Rrice	Cf	EPA (ft ²)	Load (k/ft)
VERT	40.49	2.25	7.88	0.59	1.20	0.12	0.001	4.07	0.00	7.52	12.22	0.72	1.20	0.80	0.001
TIEBACK	40.49	2.86	19.70	0.59	1.20	0.61	0.002	5.20	0.01	7.52	7.94	0.72	1.20	2.07	0.001
PIPE	40.49	6.00	47.28	0.57	1.20	1.22	0.005	7.82	0.01	7.52	10.43	0.72	1.20	2.72	0.002
KICKER	40.49	10.95	24.95	0.59	1.20	0.58	0.003	5.70	0.01	7.52	26.27	0.72	1.20	1.71	0.001
FACE ON	40.49	10.29	24.95	0.59	1.20	1.64	0.005	5.70	0.01	7.52	24.70	0.72	1.20	4.83	0.003
FACE OFF	40.49	5.15	24.95	0.59	1.20	1.64	0.003	5.70	0.01	7.52	12.35	0.72	1.20	4.83	0.001
DIAG	40.49	1.85	7.88	0.59	1.20	0.20	0.001	4.07	0.00	7.52	10.03	0.72	1.20	1.31	0.001
TIEBACK MOD	40.49	2.38	24.95	0.59	1.20	0.50	0.003	5.70	0.01	7.52	5.70	0.72	1.20	1.48	0.001

Flat Members

Member	q _i (lb/ft ²)	Af	Cf	Wind Calculations			Ice Calculations						
				EPA	Load (k/ft)	Width (in)	Weight (k/ft)	q _i (lb/ft ²)	Arice	Rrice	Cf	EPA	Load (k/ft)
FP	40.49	0.09	2.00	0.01	0.001	3.70	0.01	7.52	0.92	0.72	2.00	0.10	0.002
BP	40.49	6.00	2.00	0.30	0.012	7.32	0.01	7.52	10.99	0.72	2.00	0.40	0.003
BACK	40.49	0.25	2.00	0.08	0.002	3.82	0.01	7.52	1.91	0.72	2.00	0.42	0.002

Appurtenance Seismic Calculations

Model	Weight	Sds	p	Cs	As	Ev	Eh
DMP65R-BU8D	105.6	0.189	1.000	0.094	1.000	0.004	0.010
AIR 6419 B77G_CCIV3	44.0	0.189	1.000	0.094	1.000	0.002	0.004
AIR 6449 B77D_CCIV2	81.6	0.189	1.000	0.094	1.000	0.003	0.008
QD8616-7	150.0	0.189	1.000	0.094	1.000	0.006	0.014
RRUS 32 B30	53.0	0.189	1.000	0.094	1.000	0.002	0.005
RRUS 4449 B5/B12	71.0	0.189	1.000	0.094	1.000	0.003	0.007
RRUS 4478 B14	59.9	0.189	1.000	0.094	1.000	0.002	0.006
RRUS 8843 B2/B66A	72.0	0.189	1.000	0.094	1.000	0.003	0.007
RRUS E2 B29	52.9	0.189	1.000	0.094	1.000	0.002	0.005
DC6-48-60-18-8F	18.9	0.189	1.000	0.094	1.000	0.001	0.002
DC9-48-60-24-8C-EV_CCIV2	18.5	0.189	1.000	0.094	1.000	0.001	0.002
DMP65R-BU8D	105.6	0.189	1.000	0.094	1.000	0.004	0.010
AIR 6419 B77G_CCIV3	44.0	0.189	1.000	0.094	1.000	0.002	0.004
AIR 6449 B77D_CCIV2	81.6	0.189	1.000	0.094	1.000	0.003	0.008

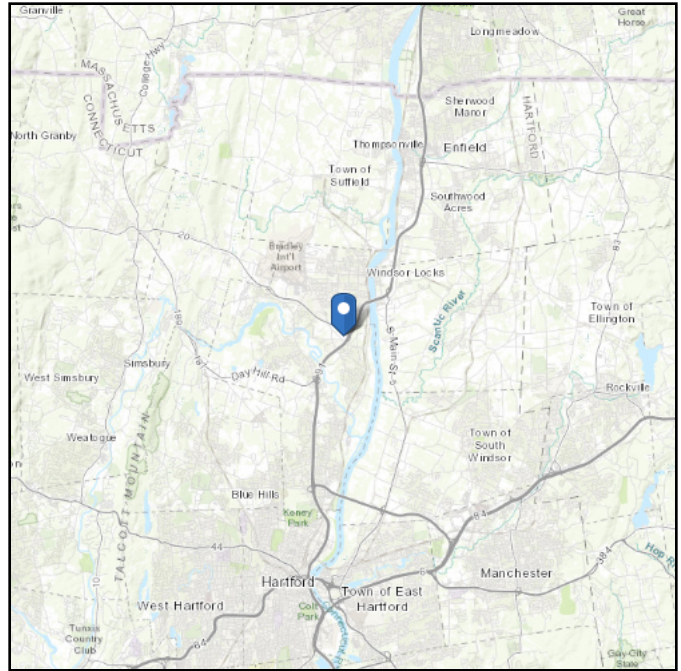
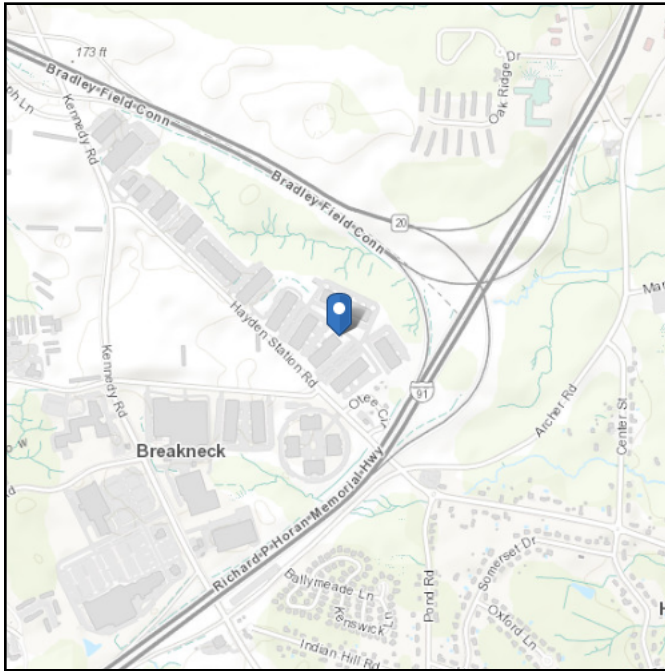
Version 3.54

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: 141.24 ft (NAVD 88)
Latitude: 41.897833
Longitude: -72.644083



Wind

Results:

Wind Speed	116 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: Thu Apr 21 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).

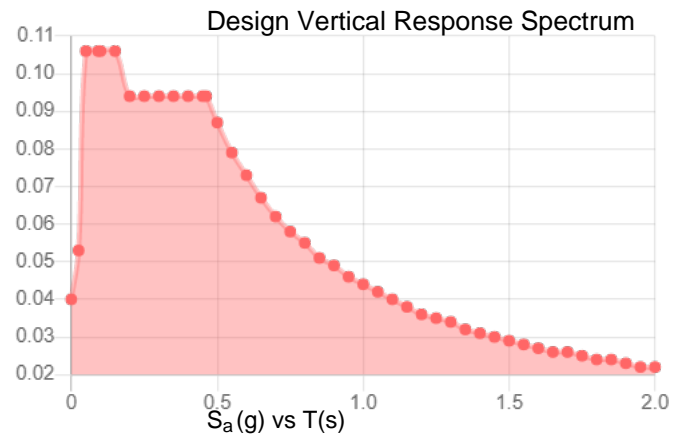
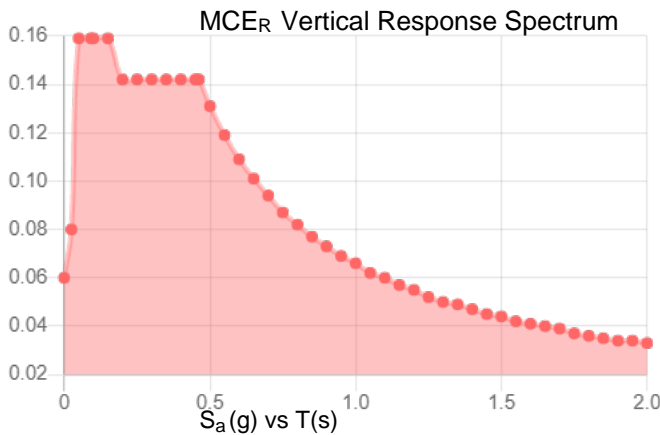
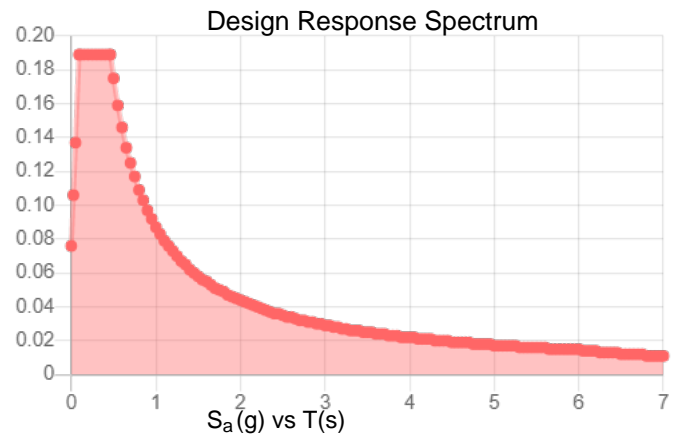
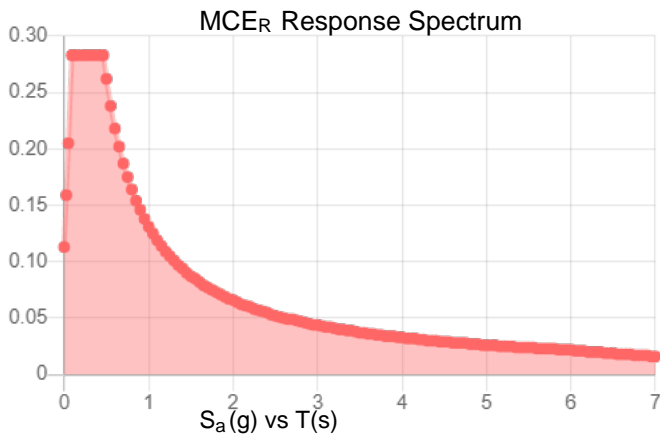
Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

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

Results:

S_s :	0.177	S_{D1} :	0.087
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.094
F_v :	2.4	PGA _M :	0.15
S_{MS} :	0.283	F_{PGA} :	1.6
S_{M1} :	0.131	I_e :	1
S_{DS} :	0.189	C_v :	0.7

Seismic Design Category B



Data Accessed: Thu Apr 21 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: Thu Apr 21 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
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torq...	Kyy	Kzz	Cb	Function
1	BACK1	PL 6x0.5	1			Lbyy						Lateral
2	BACK2	PL 6x0.5	1			Lbyy						Lateral
3	BACK3	PL 6x0.5	1			Lbyy						Lateral
4	BACK4	PL 6x0.5	1			Lbyy						Lateral
5	BACK5	PL 6x0.5	1			Lbyy						Lateral
6	BACK6	PL 6x0.5	1			Lbyy						Lateral
7	BP1	PL4x0.5	.333			Lbyy						Lateral
8	BP2	PL4x0.5	.5			Lbyy						Lateral
9	BP3	PL4x0.5	.333			Lbyy						Lateral
10	BP4	PL4x0.5	.25			Lbyy						Lateral
11	BP5	PL4x0.5	.501			Lbyy						Lateral
12	BP6	PL4x0.5	.25			Lbyy						Lateral
13	BP7	PL4x0.5	.333			Lbyy						Lateral
14	BP8	PL4x0.5	.5			Lbyy						Lateral
15	BP9	PL4x0.5	.333			Lbyy						Lateral
16	BP10	PL4x0.5	.25			Lbyy						Lateral
17	BP11	PL4x0.5	.501			Lbyy						Lateral
18	BP12	PL4x0.5	.25			Lbyy						Lateral
19	BP13	PL4x0.5	.25			Lbyy						Lateral
20	BP14	PL4x0.5	.501			Lbyy						Lateral
21	BP15	PL4x0.5	.25			Lbyy						Lateral
22	BP16	PL4x0.5	.501			Lbyy						Lateral
23	BP17	PL4x0.5	.25			Lbyy						Lateral
24	BP18	PL4x0.5	.333			Lbyy						Lateral
25	BP19	PL4x0.5	.5			Lbyy						Lateral
26	BP20	PL4x0.5	.333			Lbyy						Lateral
27	BP21	PL4x0.5	.25			Lbyy						Lateral
28	BP22	PL4x0.5	.501			Lbyy						Lateral
29	BP23	PL4x0.5	.25			Lbyy						Lateral
30	BP24	PL4x0.5	.333			Lbyy						Lateral
31	BP25	PL4x0.5	.5			Lbyy						Lateral
32	BP26	PL4x0.5	.333			Lbyy						Lateral
33	BP27	PL4x0.5	.25			Lbyy						Lateral
34	BP28	PL4x0.5	.333			Lbyy						Lateral
35	BP29	PL4x0.5	.5			Lbyy						Lateral
36	BP30	PL4x0.5	.333			Lbyy						Lateral
37	BP31	PL4x0.5	.25			Lbyy						Lateral
38	BP32	PL4x0.5	.501			Lbyy						Lateral
39	BP33	PL4x0.5	.25			Lbyy						Lateral
40	BP34	PL4x0.5	.333			Lbyy						Lateral
41	BP35	PL4x0.5	.5			Lbyy						Lateral
42	BP36	PL4x0.5	.333			Lbyy						Lateral
43	BRACE1	PIPE 2.0	6.97			Lbyy						Lateral
44	BRACE2	PIPE 2.0	6.97			Lbyy						Lateral
45	BRACE3	PIPE 2.0	6.97			Lbyy						Lateral
46	DIAG1	SR 0.75	4.922	4.722	4.722	Lbyy			.7	.7		Lateral
47	DIAG2	SR 0.75	4.922	4.722	4.722	Lbyy			.7	.7		Lateral
48	DIAG3	SR 0.75	4.922	4.722	4.722	Lbyy			.7	.7		Lateral
49	DIAG4	SR 0.75	4.922	4.722	4.722	Lbyy			.7	.7		Lateral
50	DIAG5	SR 0.75	4.922	4.722	4.722	Lbyy			.7	.7		Lateral
51	DIAG6	SR 0.75	4.922	4.722	4.722	Lbyy			.7	.7		Lateral
52	FACE1A	PIPE 2.0	13	8.25		Lbyy						Lateral
53	FACE1B	PIPE 2.0	13	8.25		Lbyy						Lateral
54	FACE2A	PIPE 2.0	13	8.25		Lbyy						Lateral
55	FACE2B	PIPE 2.0	13	8.25		Lbyy						Lateral
56	FACE3A	PIPE 2.0	13	8.25		Lbyy						Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torq...	Kyy	Kzz	Cb	Function
57	FACE3B	PIPE 2.0	13	8.25		Lbyy						Lateral
58	FP1	PL6x0.375	.25			Lbyy						Lateral
59	FP2	PL6x0.375	.25			Lbyy						Lateral
60	FP3	PL6x0.375	.25			Lbyy						Lateral
61	FP4	PL6x0.375	.25			Lbyy						Lateral
62	FP5	PL6x0.375	.25			Lbyy						Lateral
63	FP6	PL6x0.375	.25			Lbyy						Lateral
64	FP7	PL6x0.375	.25			Lbyy						Lateral
65	FP8	PL6x0.375	.25			Lbyy						Lateral
66	FP9	PL6x0.375	.25			Lbyy						Lateral
67	FP10	PL6x0.375	.25			Lbyy						Lateral
68	FP11	PL6x0.375	.25			Lbyy						Lateral
69	FP12	PL6x0.375	.25			Lbyy						Lateral
70	KICKER1	PIPE 2.0	4.61	4.11	4.11	Lbyy						Lateral
71	KICKER2	PIPE 2.0	4.61	4.11	4.11	Lbyy						Lateral
72	KICKER3	PIPE 2.0	4.61	4.11	3.9	Lbyy						Lateral
73	KICKER4	PIPE 2.0	4.61		3.9	Lbyy						Lateral
74	KICKER5	PIPE 2.0	4.61		3.9	Lbyy						Lateral
75	KICKER6	PIPE 2.0	4.61	4.11	3.9	Lbyy						Lateral
76	KICKER7	PIPE 2.0	4.61	4.11	4.11	Lbyy						Lateral
77	KICKER8	PIPE 2.0	4.61	4.11	4.11	Lbyy						Lateral
78	KICKER9	PIPE 2.0	4.61		3.9	Lbyy						Lateral
79	KICKER10	PIPE 2.0	4.61	4.11	3.9	Lbyy						Lateral
80	KICKER11	PIPE 2.0	4.61	4.11	4.11	Lbyy						Lateral
81	KICKER12	PIPE 2.0	4.61	4.11	4.11	Lbyy						Lateral
82	MP ALPHA2	PIPE 2.0	9			Lbyy						Lateral
83	MP ALPHA3	PIPE 2.0	9			Lbyy						Lateral
84	MP ALPHA4	PIPE 2.0	9			Lbyy						Lateral
85	MP ALPHA5	PIPE 2.0	4			Lbyy						Lateral
86	MP BETA2	PIPE 2.0	9			Lbyy						Lateral
87	MP BETA3	PIPE 2.0	9			Lbyy						Lateral
88	MP BETA4	PIPE 2.0	9			Lbyy						Lateral
89	MP BETA5	PIPE 2.0	4			Lbyy						Lateral
90	MP GAMMA2	PIPE 2.0	9			Lbyy						Lateral
91	MP GAMMA3	PIPE 2.0	9			Lbyy						Lateral
92	MP GAMMA4	PIPE 2.0	9			Lbyy						Lateral
93	MP GAMMA5	PIPE 2.0	4			Lbyy						Lateral
94	PIPE1	PIPE 4.0	5.333			Lbyy						Lateral
95	PIPE2	PIPE 4.0	5.333			Lbyy						Lateral
96	PIPE3	PIPE 4.0	5.333			Lbyy						Lateral
97	TIEBACK1	PIPE 1.5	6.11			Lbyy						Lateral
98	TIEBACK2	PIPE 1.5	6.11			Lbyy						Lateral
99	TIEBACK3	PIPE 1.5	6.11			Lbyy						Lateral
100	TIEBACK4	PIPE 2.0	3.799			Lbyy						Lateral
101	TIEBACK5	PIPE 2.0	3.799			Lbyy						Lateral
102	TIEBACK6	PIPE 2.0	3.799			Lbyy						Lateral
103	VERT1	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
104	VERT2	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
105	VERT3	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
106	VERT4	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
107	VERT5	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
108	VERT6	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
109	VERT7	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
110	VERT8	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
111	VERT9	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
112	VERT10	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral
113	VERT11	SR 0.75	3	2.8	2.8	Lbyy			.7	.7		Lateral



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

Hot Rolled Steel Design Parameters (Continued)

Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torg...	Kyy	Kzz	Cb	Function
114	VERT12	SR 0.75	3	2.8	2.8	Lbyy		.7	.7		Lateral

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(...)	Section/Shape	Type	Design List	Material	Design R...
1	1	N13	N14			RIGID	None	None	RIGID	Typical
2	2	N17	N18			RIGID	None	None	RIGID	Typical
3	4	N36	N35			RIGID	None	None	RIGID	Typical
4	5	N40	N39			RIGID	None	None	RIGID	Typical
5	7	N89	N58			RIGID	None	None	RIGID	Typical
6	8	N87A	N88A			RIGID	None	None	RIGID	Typical
7	9	N97A	N98			RIGID	None	None	RIGID	Typical
8	10	N100	N99			RIGID	None	None	RIGID	Typical
9	11	N88	N79			RIGID	None	None	RIGID	Typical
10	12	N89A	N90			RIGID	None	None	RIGID	Typical
11	13	N26	N32			RIGID	None	None	RIGID	Typical
12	14	N3	N86A			RIGID	None	None	RIGID	Typical
13	15	N27A	N93B			RIGID	None	None	RIGID	Typical
14	16	N4	N94C			RIGID	None	None	RIGID	Typical
15	17	N32	N95B			RIGID	None	None	RIGID	Typical
16	18	N86C	N88C			RIGID	None	None	RIGID	Typical
17	19	N85A	N87			RIGID	None	None	RIGID	Typical
18	20	N89C	N90A			RIGID	None	None	RIGID	Typical
19	21	N96	N93A			RIGID	None	None	RIGID	Typical
20	22	N98B	N94A			RIGID	None	None	RIGID	Typical
21	23	N187	N189		180	RIGID	None	None	RIGID	Typical
22	24	N186	N188		180	RIGID	None	None	RIGID	Typical
23	25	N184	N185			RIGID	None	None	RIGID	Typical
24	26	N180	N182		180	RIGID	None	None	RIGID	Typical
25	27	N181	N183		180	RIGID	None	None	RIGID	Typical
26	28	N111	N177		120	RIGID	None	None	RIGID	Typical
27	29	N98C	N172		180	RIGID	None	None	RIGID	Typical
28	30	N108	N171		180	RIGID	None	None	RIGID	Typical
29	31	N97C	N138		180	RIGID	None	None	RIGID	Typical
30	32	N107	N111		180	RIGID	None	None	RIGID	Typical
31	33	N165	N166		180	RIGID	None	None	RIGID	Typical
32	34	N164	N155		180	RIGID	None	None	RIGID	Typical
33	37	N140	N141		180	RIGID	None	None	RIGID	Typical
34	38	N139	N129		180	RIGID	None	None	RIGID	Typical
35	45	N283	N285			RIGID	None	None	RIGID	Typical
36	46	N282	N284			RIGID	None	None	RIGID	Typical
37	47	N280	N281		180	RIGID	None	None	RIGID	Typical
38	48	N276	N278			RIGID	None	None	RIGID	Typical
39	49	N277	N279			RIGID	None	None	RIGID	Typical
40	50	N207	N273		240	RIGID	None	None	RIGID	Typical
41	51	N194	N268		180	RIGID	None	None	RIGID	Typical
42	52	N204	N267		180	RIGID	None	None	RIGID	Typical
43	53	N193	N234		180	RIGID	None	None	RIGID	Typical
44	54	N203	N207		180	RIGID	None	None	RIGID	Typical
45	55	N261	N262			RIGID	None	None	RIGID	Typical
46	56	N260	N251			RIGID	None	None	RIGID	Typical
47	59	N236	N237			RIGID	None	None	RIGID	Typical
48	60	N235	N225			RIGID	None	None	RIGID	Typical
49	67	N296	N298A			RIGID	None	None	RIGID	Typical
50	68	N301	N302			RIGID	None	None	RIGID	Typical
51	69	N363	N364			RIGID	None	None	RIGID	Typical



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(...)	Section/Shape	Type	Design List	Material	Design R...
52	72	N372	N373			RIGID	None	None	RIGID	Typical
53	73	N367	N368			RIGID	None	None	RIGID	Typical
54	74	N375	N371A			RIGID	None	None	RIGID	Typical
55	75	N374	N370			RIGID	None	None	RIGID	Typical
56	76	N379	N377			RIGID	None	None	RIGID	Typical
57	77	N378	N376			RIGID	None	None	RIGID	Typical
58	78	N384	N382			RIGID	None	None	RIGID	Typical
59	79	N383	N381			RIGID	None	None	RIGID	Typical
60	BACK1	N5	N6			PL 6x0.5	Beam	RECT	A572 Gr.50	Typical
61	BACK2	N28	N29			PL 6x0.5	Beam	RECT	A572 Gr.50	Typical
62	BACK3	N109	N110		180	PL 6x0.5	Beam	RECT	A572 Gr.50	Typical
63	BACK4	N99A	N100A		180	PL 6x0.5	Beam	RECT	A572 Gr.50	Typical
64	BACK5	N205	N206		180	PL 6x0.5	Beam	RECT	A572 Gr.50	Typical
65	BACK6	N195	N196		180	PL 6x0.5	Beam	RECT	A572 Gr.50	Typical
66	BP1	N81	N83			PL4x0.5	Beam	RECT	A572 Gr.50	Typical
67	BP2	N80	N81			PL4x0.5	Beam	RECT	A572 Gr.50	Typical
68	BP3	N80	N82			PL4x0.5	Beam	RECT	A572 Gr.50	Typical
69	BP4	N86	N85		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
70	BP5	N87C	N86		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
71	BP6	N87C	N84		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
72	BP7	N60B	N62			PL4x0.5	Beam	RECT	A572 Gr.50	Typical
73	BP8	N59B	N60B			PL4x0.5	Beam	RECT	A572 Gr.50	Typical
74	BP9	N59B	N61A			PL4x0.5	Beam	RECT	A572 Gr.50	Typical
75	BP10	N69	N64		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
76	BP11	N70	N69		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
77	BP12	N70	N63		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
78	BP13	N233	N230		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
79	BP14	N233	N232		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
80	BP15	N137	N134		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
81	BP16	N137	N136		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
82	BP17	N136	N135		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
83	BP18	N130	N132		120	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
84	BP19	N130	N131		180	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
85	BP20	N131	N133		120	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
86	BP21	N163	N160		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
87	BP22	N163	N162		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
88	BP23	N162	N161		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
89	BP24	N156	N158		240	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
90	BP25	N156	N157		180	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
91	BP26	N157	N159		240	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
92	BP27	N232	N231		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
93	BP28	N226	N228		240	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
94	BP29	N226	N227		180	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
95	BP30	N227	N229		240	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
96	BP31	N259	N256		90	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
97	BP32	N259	N258		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
98	BP33	N258	N257		270	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
99	BP34	N252	N254		120	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
100	BP35	N252	N253		180	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
101	BP36	N253	N255		120	PL4x0.5	Beam	RECT	A572 Gr.50	Typical
102	BRACE1	N305	N308A			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
103	BRACE2	N308	N311		324.299	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
104	BRACE3	N302B	N314A		166.949	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
105	DIAG1	N58A	N53			SR 0.75	Beam	BAR	A572 Gr.50	Typical
106	DIAG2	N60A	N55			SR 0.75	Beam	BAR	A572 Gr.50	Typical
107	DIAG3	N128	N123		259.489	SR 0.75	Beam	BAR	A572 Gr.50	Typical
108	DIAG4	N126	N121		219.696	SR 0.75	Beam	BAR	A572 Gr.50	Typical



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(...)	Section/Shape	Type	Design List	Material	Design R...
109	DIAG5	N224	N219		140.304	SR 0.75	Beam	BAR	A572 Gr.50	Typical
110	DIAG6	N222	N217		100.511	SR 0.75	Beam	BAR	A572 Gr.50	Typical
111	FACE1A	N93	N91			PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
112	FACE1B	N94	N92			PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
113	FACE2A	N241	N239		180	PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
114	FACE2B	N289	N238		180	PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
115	FACE3A	N145	N143		180	PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
116	FACE3B	N287A	N142		180	PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
117	FP1	N92C	N90B			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
118	FP2	N91C	N89D			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
119	FP3	N98A	N96A			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
120	FP4	N97B	N95A			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
121	FP5	N175	N173		180	PL6x0.375	Beam	RECT	A572 Gr.50	Typical
122	FP6	N176	N174		180	PL6x0.375	Beam	RECT	A572 Gr.50	Typical
123	FP7	N169	N167		180	PL6x0.375	Beam	RECT	A572 Gr.50	Typical
124	FP8	N170	N168		180	PL6x0.375	Beam	RECT	A572 Gr.50	Typical
125	FP9	N271	N269			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
126	FP10	N272	N270			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
127	FP11	N265	N263			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
128	FP12	N266	N264			PL6x0.375	Beam	RECT	A572 Gr.50	Typical
129	KICKER1	N3	N5			PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
130	KICKER2	N4	N6			PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
131	KICKER3	N26	N28			PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
132	KICKER4	N27A	N29			PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
133	KICKER5	N108	N110			PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
134	KICKER6	N107	N109		180	PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
135	KICKER7	N98C	N100A			PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
136	KICKER8	N97C	N99A		180	PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
137	KICKER9	N204	N206		180	PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
138	KICKER10	N203	N205			PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
139	KICKER11	N194	N196		180	PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
140	KICKER12	N193	N195			PIPE 2.0	Beam	Pipe	A500 Gr.C RND	Typical
141	M168	N269A	N270A			RIGID	None	None	RIGID	Typical
142	M169	N271A	N272A			RIGID	None	None	RIGID	Typical
143	M171	N276A	N275A			RIGID	None	None	RIGID	Typical
144	M172	N278A	N277A			RIGID	None	None	RIGID	Typical
145	M174	N287B	N288			RIGID	None	None	RIGID	Typical
146	M175	N290A	N289A			RIGID	None	None	RIGID	Typical
147	M180	N294A	N295		180	RIGID	None	None	RIGID	Typical
148	M181	N296A	N297		180	RIGID	None	None	RIGID	Typical
149	M183	N301A	N300A		180	RIGID	None	None	RIGID	Typical
150	M183A	N302B	N294			RIGID	None	None	RIGID	Typical
151	M184	N303	N302A		180	RIGID	None	None	RIGID	Typical
152	M184A	N305	N303A		180	RIGID	None	None	RIGID	Typical
153	M185	N308	N306A			RIGID	None	None	RIGID	Typical
154	M186	N312	N313		180	RIGID	None	None	RIGID	Typical
155	M186A	N307A	N308A			RIGID	None	None	RIGID	Typical
156	M187	N315	N314		180	RIGID	None	None	RIGID	Typical
157	M187A	N310A	N311		120	RIGID	None	None	RIGID	Typical
158	M188	N313A	N314A		240	RIGID	None	None	RIGID	Typical
159	MP ALPHA2	N102	N101			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
160	MP ALPHA3	N88B	N50A			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
161	MP ALPHA4	N86B	N48A			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
162	MP ALPHA5	N96B	N95			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
163	MP BETA2	N292	N291		240	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
164	MP BETA3	N285A	N282A		240	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
165	MP BETA4	N284A	N281A		240	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical



Company : POD
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 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(...)	Section/Shape	Type	Design List	Material	Design R...
166	MP BETA5	N287	N286		240	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
167	MP GAMMA2	N317	N316		120	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
168	MP GAMMA3	N310	N307		120	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
169	MP GAMMA4	N309	N306		120	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
170	MP GAMMA5	N191	N190		120	PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
171	PIPE1	N84A	N83A			PIPE 4.0	Beam	Pipe	A53 Gr.B	Typical
172	PIPE2	N179	N178		120	PIPE 4.0	Beam	Pipe	A53 Gr.B	Typical
173	PIPE3	N275	N274		240	PIPE 4.0	Beam	Pipe	A53 Gr.B	Typical
174	TIEBACK1	N95B	N89C			PIPE 1.5	Beam	Pipe	A53 Gr.B	Typical
175	TIEBACK2	N177	N184		188.234	PIPE 1.5	Beam	Pipe	A53 Gr.B	Typical
176	TIEBACK3	N273	N280		19.345	PIPE 1.5	Beam	Pipe	A53 Gr.B	Typical
177	TIEBACK4	N375	N383			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
178	TIEBACK5	N378	N384			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
179	TIEBACK6	N374	N379			PIPE 2.0	Beam	Pipe	A53 Gr.B	Typical
180	VERT1	N53	N57			SR 0.75	Beam	BAR	A572 Gr.50	Typical
181	VERT2	N54	N58A			SR 0.75	Beam	BAR	A572 Gr.50	Typical
182	VERT3	N55	N59			SR 0.75	Beam	BAR	A572 Gr.50	Typical
183	VERT4	N56	N60A			SR 0.75	Beam	BAR	A572 Gr.50	Typical
184	VERT5	N124	N128		120	SR 0.75	Beam	BAR	A572 Gr.50	Typical
185	VERT6	N123	N127		120	SR 0.75	Beam	BAR	A572 Gr.50	Typical
186	VERT7	N122	N126		120	SR 0.75	Beam	BAR	A572 Gr.50	Typical
187	VERT8	N121	N125		120	SR 0.75	Beam	BAR	A572 Gr.50	Typical
188	VERT9	N220	N224		240	SR 0.75	Beam	BAR	A572 Gr.50	Typical
189	VERT10	N219	N223		240	SR 0.75	Beam	BAR	A572 Gr.50	Typical
190	VERT11	N218	N222		240	SR 0.75	Beam	BAR	A572 Gr.50	Typical
191	VERT12	N217	N221		240	SR 0.75	Beam	BAR	A572 Gr.50	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	1						Yes	** NA **			None
2	2						Yes	** NA **			None
3	4						Yes	** NA **			None
4	5						Yes	** NA **			None
5	7		OOOOOO				Yes	** NA **			None
6	8						Yes	** NA **			None
7	9						Yes	** NA **			None
8	10						Yes	** NA **			None
9	11		OOOOOO				Yes	** NA **			None
10	12						Yes	** NA **			None
11	13						Yes	** NA **			None
12	14						Yes	** NA **			None
13	15						Yes	** NA **			None
14	16						Yes	** NA **			None
15	17						Yes	** NA **			None
16	18	OOOOOX					Yes	** NA **			None
17	19	OOOOOX					Yes	** NA **			None
18	20						Yes	** NA **			None
19	21						Yes	** NA **			None
20	22						Yes	** NA **			None
21	23						Yes	** NA **			None
22	24						Yes	** NA **			None
23	25						Yes	** NA **			None
24	26	OOOOOX					Yes	** NA **			None
25	27	OOOOOX					Yes	** NA **			None
26	28						Yes	** NA **			None



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

Member Advanced Data (Continued)

Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
27	29					Yes	** NA **			None
28	30					Yes	** NA **			None
29	31					Yes	** NA **			None
30	32					Yes	** NA **			None
31	33					Yes	** NA **			None
32	34		000000			Yes	** NA **			None
33	37					Yes	** NA **			None
34	38		000000			Yes	** NA **			None
35	45					Yes	** NA **			None
36	46					Yes	** NA **			None
37	47					Yes	** NA **			None
38	48	00000X				Yes	** NA **			None
39	49	00000X				Yes	** NA **			None
40	50					Yes	** NA **			None
41	51					Yes	** NA **			None
42	52					Yes	** NA **			None
43	53					Yes	** NA **			None
44	54					Yes	** NA **			None
45	55					Yes	** NA **			None
46	56		000000			Yes	** NA **			None
47	59					Yes	** NA **			None
48	60		000000			Yes	** NA **			None
49	67					Yes	** NA **			None
50	68					Yes	** NA **			None
51	69					Yes	** NA **			None
52	72					Yes	** NA **			None
53	73					Yes	** NA **			None
54	74					Yes	** NA **			None
55	75					Yes	** NA **			None
56	76					Yes	** NA **			None
57	77					Yes	** NA **			None
58	78					Yes	** NA **			None
59	79					Yes	** NA **			None
60	BACK1					Yes				None
61	BACK2					Yes	Default			None
62	BACK3					Yes	Default			None
63	BACK4					Yes				None
64	BACK5					Yes	Default			None
65	BACK6					Yes				None
66	BP1					Yes	Default			None
67	BP2					Yes	Default			None
68	BP3					Yes	Default			None
69	BP4		000000			Yes	Default			None
70	BP5					Yes				None
71	BP6		000000			Yes	Default			None
72	BP7					Yes	Default			None
73	BP8					Yes	Default			None
74	BP9					Yes	Default			None
75	BP10		000000			Yes	Default			None
76	BP11					Yes				None
77	BP12		000000			Yes	Default			None
78	BP13		000000			Yes	Default			None
79	BP14					Yes				None
80	BP15		000000			Yes	Default			None
81	BP16					Yes				None
82	BP17		000000			Yes	Default			None
83	BP18					Yes	Default			None



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
84	BP19						Yes	Default			None
85	BP20						Yes	Default			None
86	BP21		000000				Yes	Default			None
87	BP22						Yes				None
88	BP23		000000				Yes	Default			None
89	BP24						Yes	Default			None
90	BP25						Yes	Default			None
91	BP26						Yes	Default			None
92	BP27		000000				Yes	Default			None
93	BP28						Yes	Default			None
94	BP29						Yes	Default			None
95	BP30						Yes	Default			None
96	BP31		000000				Yes	Default			None
97	BP32						Yes				None
98	BP33		000000				Yes	Default			None
99	BP34						Yes	Default			None
100	BP35						Yes	Default			None
101	BP36						Yes	Default			None
102	BRACE1	00000X	00000X				Yes	Default			None
103	BRACE2	00000X	00000X				Yes	Default			None
104	BRACE3	00000X	00000X				Yes	Default			None
105	DIAG1						Yes	Default			None
106	DIAG2						Yes				None
107	DIAG3						Yes				None
108	DIAG4						Yes	Default			None
109	DIAG5						Yes				None
110	DIAG6						Yes	Default			None
111	FACE1A						Yes	Default			None
112	FACE1B						Yes	Default			None
113	FACE2A						Yes	Default			None
114	FACE2B						Yes	Default			None
115	FACE3A						Yes	Default			None
116	FACE3B						Yes	Default			None
117	FP1						Yes				None
118	FP2						Yes				None
119	FP3						Yes				None
120	FP4						Yes				None
121	FP5						Yes				None
122	FP6						Yes				None
123	FP7						Yes				None
124	FP8						Yes				None
125	FP9						Yes				None
126	FP10						Yes				None
127	FP11						Yes				None
128	FP12						Yes				None
129	KICKER1	00000X					Yes	Default			None
130	KICKER2	00000X					Yes	Default			None
131	KICKER3	00000X					Yes	Default			None
132	KICKER4	00000X					Yes	Default			None
133	KICKER5	00000X					Yes	Default			None
134	KICKER6	00000X					Yes	Default			None
135	KICKER7	00000X					Yes	Default			None
136	KICKER8	00000X					Yes	Default			None
137	KICKER9	00000X					Yes	Default			None
138	KICKER10	00000X					Yes	Default			None
139	KICKER11	00000X					Yes	Default			None
140	KICKER12	00000X					Yes	Default			None



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic...
141	M168						Yes	** NA **			None
142	M169						Yes	** NA **			None
143	M171						Yes	** NA **			None
144	M172						Yes	** NA **			None
145	M174						Yes	** NA **			None
146	M175						Yes	** NA **			None
147	M180						Yes	** NA **			None
148	M181						Yes	** NA **			None
149	M183						Yes	** NA **			None
150	M183A						Yes	** NA **			None
151	M184						Yes	** NA **			None
152	M184A						Yes	** NA **			None
153	M185						Yes	** NA **			None
154	M186						Yes	** NA **			None
155	M186A						Yes	** NA **			None
156	M187						Yes	** NA **			None
157	M187A						Yes	** NA **			None
158	M188						Yes	** NA **			None
159	MP ALPHA2						Yes				None
160	MP ALPHA3						Yes				None
161	MP ALPHA4						Yes				None
162	MP ALPHA5						Yes				None
163	MP BETA2						Yes				None
164	MP BETA3						Yes				None
165	MP BETA4						Yes				None
166	MP BETA5						Yes				None
167	MP GAMM...						Yes				None
168	MP GAMM...						Yes				None
169	MP GAMM...						Yes				None
170	MP GAMM...						Yes				None
171	PIPE1						Yes				None
172	PIPE2						Yes				None
173	PIPE3						Yes				None
174	TIEBACK1	OOOOOX	OOOOOX				Yes	Default			None
175	TIEBACK2	OOOOOX	OOOOOX				Yes	Default			None
176	TIEBACK3	OOOOOX	OOOOOX				Yes	Default			None
177	TIEBACK4	OOOOOX	OOOOOX				Yes	Default			None
178	TIEBACK5	OOOOOX	OOOOOX				Yes	Default			None
179	TIEBACK6	OOOOOX	OOOOOX				Yes	Default			None
180	VERT1						Yes				None
181	VERT2						Yes	Default			None
182	VERT3						Yes				None
183	VERT4						Yes				None
184	VERT5						Yes				None
185	VERT6						Yes				None
186	VERT7						Yes	Default			None
187	VERT8						Yes				None
188	VERT9						Yes				None
189	VERT10						Yes				None
190	VERT11						Yes	Default			None
191	VERT12						Yes				None



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E...	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3
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	FACE1A	Z	-5	0
2	FACE3B	Z	-5	0
3	FACE2B	Z	-5	0

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.29	8.5
2	MP ALPHA4	Y	-.29	3.5
3	MP GAMMA4	Y	-.154	8.5
4	MP GAMMA4	Y	-.154	3.5
5	MP ALPHA3	Y	-.076	3.333
6	MP ALPHA3	Y	-.076	1.667
7	MP GAMMA3	Y	-.046	3.333
8	MP GAMMA3	Y	-.046	1.667
9	MP ALPHA3	Y	-.074	6.833
10	MP ALPHA3	Y	-.074	5.167
11	MP GAMMA3	Y	-.045	6.833
12	MP GAMMA3	Y	-.045	5.167
13	MP ALPHA2	Y	-.746	6
14	MP BETA2	Y	-.43	6
15	MP GAMMA2	Y	-.43	6
16	MP ALPHA4	Y	-.1	6
17	MP BETA4	Y	-.071	6
18	MP GAMMA4	Y	-.071	6
19	MP ALPHA4	Y	-.072	6
20	MP BETA4	Y	-.057	6
21	MP GAMMA4	Y	-.057	6
22	MP ALPHA2	Y	-.067	6
23	MP BETA2	Y	-.046	6
24	MP GAMMA2	Y	-.046	6
25	MP ALPHA2	Y	-.06	6
26	MP BETA2	Y	-.052	6
27	MP GAMMA2	Y	-.052	6
28	MP ALPHA2	Y	-.115	6
29	MP BETA2	Y	-.064	6
30	MP GAMMA2	Y	-.064	6
31	MP ALPHA5	Y	-.031	2
32	MP BETA5	Y	-.031	2
33	MP GAMMA5	Y	-.042	2
34	MP BETA4	Y	-.169	8.5
35	MP BETA4	Y	-.169	3.5
36	MP BETA3	Y	-.049	3.333
37	MP BETA3	Y	-.049	1.667



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
38	MP BETA3	Y	-0.048	6.833
39	MP BETA3	Y	-0.048	5.167

Member Point Loads (BLC 3 : Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Z	-0.053	8.5
2	MP ALPHA4	Z	-0.053	3.5
3	MP GAMMA4	Z	-0.053	8.5
4	MP GAMMA4	Z	-0.053	3.5
5	MP ALPHA3	Z	-0.022	3.333
6	MP ALPHA3	Z	-0.022	1.667
7	MP GAMMA3	Z	-0.022	3.333
8	MP GAMMA3	Z	-0.022	1.667
9	MP ALPHA3	Z	-0.041	6.833
10	MP ALPHA3	Z	-0.041	5.167
11	MP GAMMA3	Z	-0.041	6.833
12	MP GAMMA3	Z	-0.041	5.167
13	MP ALPHA2	Z	-0.15	6
14	MP BETA2	Z	-0.15	6
15	MP GAMMA2	Z	-0.15	6
16	MP ALPHA4	Z	-0.053	6
17	MP BETA4	Z	-0.053	6
18	MP GAMMA4	Z	-0.053	6
19	MP ALPHA4	Z	-0.071	6
20	MP BETA4	Z	-0.071	6
21	MP GAMMA4	Z	-0.071	6
22	MP ALPHA2	Z	-0.06	6
23	MP BETA2	Z	-0.06	6
24	MP GAMMA2	Z	-0.06	6
25	MP ALPHA2	Z	-0.072	6
26	MP BETA2	Z	-0.072	6
27	MP GAMMA2	Z	-0.072	6
28	MP ALPHA2	Z	-0.053	6
29	MP BETA2	Z	-0.053	6
30	MP GAMMA2	Z	-0.053	6
31	MP ALPHA5	Z	-0.019	2
32	MP BETA5	Z	-0.019	2
33	MP GAMMA5	Z	-0.018	2
34	MP BETA4	Z	-0.053	8.5
35	MP BETA4	Z	-0.053	3.5
36	MP BETA3	Z	-0.022	3.333
37	MP BETA3	Z	-0.022	1.667
38	MP BETA3	Z	-0.041	6.833
39	MP BETA3	Z	-0.041	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-0.212	8.5
2	MP ALPHA4	Y	-0.212	3.5
3	MP ALPHA4	X	-0.122	8.5
4	MP ALPHA4	X	-0.122	3.5
5	MP GAMMA4	Y	-0.212	8.5
6	MP GAMMA4	Y	-0.212	3.5
7	MP GAMMA4	X	-0.122	8.5
8	MP GAMMA4	X	-0.122	3.5
9	MP ALPHA3	Y	-0.057	3.333



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
10	MP ALPHA3	Y	-0.57	1.667
11	MP ALPHA3	X	-0.33	3.333
12	MP ALPHA3	X	-0.33	1.667
13	MP GAMMA3	Y	-0.57	3.333
14	MP GAMMA3	Y	-0.57	1.667
15	MP GAMMA3	X	-0.33	3.333
16	MP GAMMA3	X	-0.33	1.667
17	MP ALPHA3	Y	-0.56	6.833
18	MP ALPHA3	Y	-0.56	5.167
19	MP ALPHA3	X	-0.32	6.833
20	MP ALPHA3	X	-0.32	5.167
21	MP GAMMA3	Y	-0.56	6.833
22	MP GAMMA3	Y	-0.56	5.167
23	MP GAMMA3	X	-0.32	6.833
24	MP GAMMA3	X	-0.32	5.167
25	MP ALPHA2	Y	-0.555	6
26	MP ALPHA2	X	-0.321	6
27	MP BETA2	Y	-0.281	6
28	MP BETA2	X	-0.162	6
29	MP GAMMA2	Y	-0.555	6
30	MP GAMMA2	X	-0.321	6
31	MP ALPHA4	Y	-0.078	6
32	MP ALPHA4	X	-0.045	6
33	MP BETA4	Y	-0.053	6
34	MP BETA4	X	-0.031	6
35	MP GAMMA4	Y	-0.078	6
36	MP GAMMA4	X	-0.045	6
37	MP ALPHA4	Y	-0.058	6
38	MP ALPHA4	X	-0.033	6
39	MP BETA4	Y	-0.045	6
40	MP BETA4	X	-0.026	6
41	MP GAMMA4	Y	-0.058	6
42	MP GAMMA4	X	-0.033	6
43	MP ALPHA2	Y	-0.052	6
44	MP ALPHA2	X	-0.03	6
45	MP BETA2	Y	-0.034	6
46	MP BETA2	X	-0.019	6
47	MP GAMMA2	Y	-0.052	6
48	MP GAMMA2	X	-0.03	6
49	MP ALPHA2	Y	-0.05	6
50	MP ALPHA2	X	-0.029	6
51	MP BETA2	Y	-0.043	6
52	MP BETA2	X	-0.025	6
53	MP GAMMA2	Y	-0.05	6
54	MP GAMMA2	X	-0.029	6
55	MP ALPHA2	Y	-0.085	6
56	MP ALPHA2	X	-0.049	6
57	MP BETA2	Y	-0.041	6
58	MP BETA2	X	-0.024	6
59	MP GAMMA2	Y	-0.085	6
60	MP GAMMA2	X	-0.049	6
61	MP ALPHA5	Y	-0.027	2
62	MP ALPHA5	X	-0.016	2
63	MP BETA5	Y	-0.027	2
64	MP BETA5	X	-0.016	2
65	MP GAMMA5	Y	-0.036	2
66	MP GAMMA5	X	-0.021	2



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
67	MP BETA4	Y	-0.095	8.5
68	MP BETA4	Y	-0.095	3.5
69	MP BETA4	X	-0.055	8.5
70	MP BETA4	X	-0.055	3.5
71	MP BETA3	Y	-0.032	3.333
72	MP BETA3	Y	-0.032	1.667
73	MP BETA3	X	-0.018	3.333
74	MP BETA3	X	-0.018	1.667
75	MP BETA3	Y	-0.031	6.833
76	MP BETA3	Y	-0.031	5.167
77	MP BETA3	X	-0.018	6.833
78	MP BETA3	X	-0.018	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-0.077	8.5
2	MP ALPHA4	Y	-0.077	3.5
3	MP ALPHA4	X	-0.134	8.5
4	MP ALPHA4	X	-0.134	3.5
5	MP GAMMA4	Y	-0.145	8.5
6	MP GAMMA4	Y	-0.145	3.5
7	MP GAMMA4	X	-0.251	8.5
8	MP GAMMA4	X	-0.251	3.5
9	MP ALPHA3	Y	-0.023	3.333
10	MP ALPHA3	Y	-0.023	1.667
11	MP ALPHA3	X	-0.04	3.333
12	MP ALPHA3	X	-0.04	1.667
13	MP GAMMA3	Y	-0.038	3.333
14	MP GAMMA3	Y	-0.038	1.667
15	MP GAMMA3	X	-0.066	3.333
16	MP GAMMA3	X	-0.066	1.667
17	MP ALPHA3	Y	-0.022	6.833
18	MP ALPHA3	Y	-0.022	5.167
19	MP ALPHA3	X	-0.039	6.833
20	MP ALPHA3	X	-0.039	5.167
21	MP GAMMA3	Y	-0.037	6.833
22	MP GAMMA3	Y	-0.037	5.167
23	MP GAMMA3	X	-0.064	6.833
24	MP GAMMA3	X	-0.064	5.167
25	MP ALPHA2	Y	-0.215	6
26	MP ALPHA2	X	-0.373	6
27	MP BETA2	Y	-0.215	6
28	MP BETA2	X	-0.373	6
29	MP GAMMA2	Y	-0.373	6
30	MP GAMMA2	X	-0.646	6
31	MP ALPHA4	Y	-0.035	6
32	MP ALPHA4	X	-0.061	6
33	MP BETA4	Y	-0.035	6
34	MP BETA4	X	-0.061	6
35	MP GAMMA4	Y	-0.05	6
36	MP GAMMA4	X	-0.087	6
37	MP ALPHA4	Y	-0.028	6
38	MP ALPHA4	X	-0.049	6
39	MP BETA4	Y	-0.028	6
40	MP BETA4	X	-0.049	6
41	MP GAMMA4	Y	-0.036	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
42	MP GAMMA4	X	-.062	6
43	MP ALPHA2	Y	-.023	6
44	MP ALPHA2	X	-.04	6
45	MP BETA2	Y	-.023	6
46	MP BETA2	X	-.04	6
47	MP GAMMA2	Y	-.034	6
48	MP GAMMA2	X	-.058	6
49	MP ALPHA2	Y	-.026	6
50	MP ALPHA2	X	-.045	6
51	MP BETA2	Y	-.026	6
52	MP BETA2	X	-.045	6
53	MP GAMMA2	Y	-.03	6
54	MP GAMMA2	X	-.052	6
55	MP ALPHA2	Y	-.032	6
56	MP ALPHA2	X	-.055	6
57	MP BETA2	Y	-.032	6
58	MP BETA2	X	-.055	6
59	MP GAMMA2	Y	-.058	6
60	MP GAMMA2	X	-.1	6
61	MP ALPHA5	Y	-.016	2
62	MP ALPHA5	X	-.027	2
63	MP BETA5	Y	-.016	2
64	MP BETA5	X	-.027	2
65	MP GAMMA5	Y	-.021	2
66	MP GAMMA5	X	-.036	2
67	MP BETA4	Y	-.071	8.5
68	MP BETA4	Y	-.071	3.5
69	MP BETA4	X	-.122	8.5
70	MP BETA4	X	-.122	3.5
71	MP BETA3	Y	-.022	3.333
72	MP BETA3	Y	-.022	1.667
73	MP BETA3	X	-.038	3.333
74	MP BETA3	X	-.038	1.667
75	MP BETA3	Y	-.021	6.833
76	MP BETA3	Y	-.021	5.167
77	MP BETA3	X	-.036	6.833
78	MP BETA3	X	-.036	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	X	-.109	8.5
2	MP ALPHA4	X	-.109	3.5
3	MP GAMMA4	X	-.245	8.5
4	MP GAMMA4	X	-.245	3.5
5	MP ALPHA3	X	-.037	3.333
6	MP ALPHA3	X	-.037	1.667
7	MP GAMMA3	X	-.066	3.333
8	MP GAMMA3	X	-.066	1.667
9	MP ALPHA3	X	-.035	6.833
10	MP ALPHA3	X	-.035	5.167
11	MP GAMMA3	X	-.064	6.833
12	MP GAMMA3	X	-.064	5.167
13	MP ALPHA2	X	-.325	6
14	MP BETA2	X	-.641	6
15	MP GAMMA2	X	-.641	6
16	MP ALPHA4	X	-.061	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
17	MP BETA4	X	-.091	6
18	MP GAMMA4	X	-.091	6
19	MP ALPHA4	X	-.052	6
20	MP BETA4	X	-.067	6
21	MP GAMMA4	X	-.067	6
22	MP ALPHA2	X	-.039	6
23	MP BETA2	X	-.06	6
24	MP GAMMA2	X	-.06	6
25	MP ALPHA2	X	-.05	6
26	MP BETA2	X	-.057	6
27	MP GAMMA2	X	-.057	6
28	MP ALPHA2	X	-.047	6
29	MP BETA2	X	-.098	6
30	MP GAMMA2	X	-.098	6
31	MP ALPHA5	X	-.031	2
32	MP BETA5	X	-.031	2
33	MP GAMMA5	X	-.042	2
34	MP BETA4	X	-.231	8.5
35	MP BETA4	X	-.231	3.5
36	MP BETA3	X	-.063	3.333
37	MP BETA3	X	-.063	1.667
38	MP BETA3	X	-.061	6.833
39	MP BETA3	X	-.061	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.077	8.5
2	MP ALPHA4	Y	.077	3.5
3	MP ALPHA4	X	-.134	8.5
4	MP ALPHA4	X	-.134	3.5
5	MP GAMMA4	Y	.077	8.5
6	MP GAMMA4	Y	.077	3.5
7	MP GAMMA4	X	-.134	8.5
8	MP GAMMA4	X	-.134	3.5
9	MP ALPHA3	Y	.023	3.333
10	MP ALPHA3	Y	.023	1.667
11	MP ALPHA3	X	-.04	3.333
12	MP ALPHA3	X	-.04	1.667
13	MP GAMMA3	Y	.023	3.333
14	MP GAMMA3	Y	.023	1.667
15	MP GAMMA3	X	-.04	3.333
16	MP GAMMA3	X	-.04	1.667
17	MP ALPHA3	Y	.022	6.833
18	MP ALPHA3	Y	.022	5.167
19	MP ALPHA3	X	-.039	6.833
20	MP ALPHA3	X	-.039	5.167
21	MP GAMMA3	Y	.022	6.833
22	MP GAMMA3	Y	.022	5.167
23	MP GAMMA3	X	-.039	6.833
24	MP GAMMA3	X	-.039	5.167
25	MP ALPHA2	Y	.215	6
26	MP ALPHA2	X	-.373	6
27	MP BETA2	Y	.373	6
28	MP BETA2	X	-.646	6
29	MP GAMMA2	Y	.215	6
30	MP GAMMA2	X	-.373	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
31	MP ALPHA4	Y	.035	6
32	MP ALPHA4	X	-.061	6
33	MP BETA4	Y	.05	6
34	MP BETA4	X	-.087	6
35	MP GAMMA4	Y	.035	6
36	MP GAMMA4	X	-.061	6
37	MP ALPHA4	Y	.028	6
38	MP ALPHA4	X	-.049	6
39	MP BETA4	Y	.036	6
40	MP BETA4	X	-.062	6
41	MP GAMMA4	Y	.028	6
42	MP GAMMA4	X	-.049	6
43	MP ALPHA2	Y	.023	6
44	MP ALPHA2	X	-.04	6
45	MP BETA2	Y	.034	6
46	MP BETA2	X	-.058	6
47	MP GAMMA2	Y	.023	6
48	MP GAMMA2	X	-.04	6
49	MP ALPHA2	Y	.026	6
50	MP ALPHA2	X	-.045	6
51	MP BETA2	Y	.03	6
52	MP BETA2	X	-.052	6
53	MP GAMMA2	Y	.026	6
54	MP GAMMA2	X	-.045	6
55	MP ALPHA2	Y	.032	6
56	MP ALPHA2	X	-.055	6
57	MP BETA2	Y	.058	6
58	MP BETA2	X	-.1	6
59	MP GAMMA2	Y	.032	6
60	MP GAMMA2	X	-.055	6
61	MP ALPHA5	Y	.016	2
62	MP ALPHA5	X	-.027	2
63	MP BETA5	Y	.016	2
64	MP BETA5	X	-.027	2
65	MP GAMMA5	Y	.021	2
66	MP GAMMA5	X	-.036	2
67	MP BETA4	Y	.144	8.5
68	MP BETA4	Y	.144	3.5
69	MP BETA4	X	-.25	8.5
70	MP BETA4	X	-.25	3.5
71	MP BETA3	Y	.038	3.333
72	MP BETA3	Y	.038	1.667
73	MP BETA3	X	-.065	3.333
74	MP BETA3	X	-.065	1.667
75	MP BETA3	Y	.037	6.833
76	MP BETA3	Y	.037	5.167
77	MP BETA3	X	-.064	6.833
78	MP BETA3	X	-.064	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.212	8.5
2	MP ALPHA4	Y	.212	3.5
3	MP ALPHA4	X	-.122	8.5
4	MP ALPHA4	X	-.122	3.5
5	MP GAMMA4	Y	.094	8.5



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
6	MP GAMMA4	Y	.094	3.5
7	MP GAMMA4	X	-.054	8.5
8	MP GAMMA4	X	-.054	3.5
9	MP ALPHA3	Y	.057	3.333
10	MP ALPHA3	Y	.057	1.667
11	MP ALPHA3	X	-.033	3.333
12	MP ALPHA3	X	-.033	1.667
13	MP GAMMA3	Y	.032	3.333
14	MP GAMMA3	Y	.032	1.667
15	MP GAMMA3	X	-.018	3.333
16	MP GAMMA3	X	-.018	1.667
17	MP ALPHA3	Y	.056	6.833
18	MP ALPHA3	Y	.056	5.167
19	MP ALPHA3	X	-.032	6.833
20	MP ALPHA3	X	-.032	5.167
21	MP GAMMA3	Y	.03	6.833
22	MP GAMMA3	Y	.03	5.167
23	MP GAMMA3	X	-.017	6.833
24	MP GAMMA3	X	-.017	5.167
25	MP ALPHA2	Y	.555	6
26	MP ALPHA2	X	-.321	6
27	MP BETA2	Y	.555	6
28	MP BETA2	X	-.321	6
29	MP GAMMA2	Y	.281	6
30	MP GAMMA2	X	-.162	6
31	MP ALPHA4	Y	.078	6
32	MP ALPHA4	X	-.045	6
33	MP BETA4	Y	.078	6
34	MP BETA4	X	-.045	6
35	MP GAMMA4	Y	.053	6
36	MP GAMMA4	X	-.031	6
37	MP ALPHA4	Y	.058	6
38	MP ALPHA4	X	-.033	6
39	MP BETA4	Y	.058	6
40	MP BETA4	X	-.033	6
41	MP GAMMA4	Y	.045	6
42	MP GAMMA4	X	-.026	6
43	MP ALPHA2	Y	.052	6
44	MP ALPHA2	X	-.03	6
45	MP BETA2	Y	.052	6
46	MP BETA2	X	-.03	6
47	MP GAMMA2	Y	.034	6
48	MP GAMMA2	X	-.019	6
49	MP ALPHA2	Y	.05	6
50	MP ALPHA2	X	-.029	6
51	MP BETA2	Y	.05	6
52	MP BETA2	X	-.029	6
53	MP GAMMA2	Y	.043	6
54	MP GAMMA2	X	-.025	6
55	MP ALPHA2	Y	.085	6
56	MP ALPHA2	X	-.049	6
57	MP BETA2	Y	.085	6
58	MP BETA2	X	-.049	6
59	MP GAMMA2	Y	.041	6
60	MP GAMMA2	X	-.024	6
61	MP ALPHA5	Y	.027	2
62	MP ALPHA5	X	-.016	2



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
63	MP BETA5	Y	.027	2
64	MP BETA5	X	-.016	2
65	MP GAMMA5	Y	.036	2
66	MP GAMMA5	X	-.021	2
67	MP BETA4	Y	.223	8.5
68	MP BETA4	Y	.223	3.5
69	MP BETA4	X	-.129	8.5
70	MP BETA4	X	-.129	3.5
71	MP BETA3	Y	.059	3.333
72	MP BETA3	Y	.059	1.667
73	MP BETA3	X	-.034	3.333
74	MP BETA3	X	-.034	1.667
75	MP BETA3	Y	.058	6.833
76	MP BETA3	Y	.058	5.167
77	MP BETA3	X	-.034	6.833
78	MP BETA3	X	-.034	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA4	Y	.29	8.5
2	MP ALPHA4	Y	.29	3.5
3	MP GAMMA4	Y	.154	8.5
4	MP GAMMA4	Y	.154	3.5
5	MP ALPHA3	Y	.076	3.333
6	MP ALPHA3	Y	.076	1.667
7	MP GAMMA3	Y	.046	3.333
8	MP GAMMA3	Y	.046	1.667
9	MP ALPHA3	Y	.074	6.833
10	MP ALPHA3	Y	.074	5.167
11	MP GAMMA3	Y	.045	6.833
12	MP GAMMA3	Y	.045	5.167
13	MP ALPHA2	Y	.746	6
14	MP BETA2	Y	.43	6
15	MP GAMMA2	Y	.43	6
16	MP ALPHA4	Y	.1	6
17	MP BETA4	Y	.071	6
18	MP GAMMA4	Y	.071	6
19	MP ALPHA4	Y	.072	6
20	MP BETA4	Y	.057	6
21	MP GAMMA4	Y	.057	6
22	MP ALPHA2	Y	.067	6
23	MP BETA2	Y	.046	6
24	MP GAMMA2	Y	.046	6
25	MP ALPHA2	Y	.06	6
26	MP BETA2	Y	.052	6
27	MP GAMMA2	Y	.052	6
28	MP ALPHA2	Y	.115	6
29	MP BETA2	Y	.064	6
30	MP GAMMA2	Y	.064	6
31	MP ALPHA5	Y	.031	2
32	MP BETA5	Y	.031	2
33	MP GAMMA5	Y	.042	2
34	MP BETA4	Y	.169	8.5
35	MP BETA4	Y	.169	3.5
36	MP BETA3	Y	.049	3.333
37	MP BETA3	Y	.049	1.667



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
38	MP BETA3	Y	.048	6.833
39	MP BETA3	Y	.048	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.212	8.5
2	MP ALPHA4	Y	.212	3.5
3	MP ALPHA4	X	.122	8.5
4	MP ALPHA4	X	.122	3.5
5	MP GAMMA4	Y	.212	8.5
6	MP GAMMA4	Y	.212	3.5
7	MP GAMMA4	X	.122	8.5
8	MP GAMMA4	X	.122	3.5
9	MP ALPHA3	Y	.057	3.333
10	MP ALPHA3	Y	.057	1.667
11	MP ALPHA3	X	.033	3.333
12	MP ALPHA3	X	.033	1.667
13	MP GAMMA3	Y	.057	3.333
14	MP GAMMA3	Y	.057	1.667
15	MP GAMMA3	X	.033	3.333
16	MP GAMMA3	X	.033	1.667
17	MP ALPHA3	Y	.056	6.833
18	MP ALPHA3	Y	.056	5.167
19	MP ALPHA3	X	.032	6.833
20	MP ALPHA3	X	.032	5.167
21	MP GAMMA3	Y	.056	6.833
22	MP GAMMA3	Y	.056	5.167
23	MP GAMMA3	X	.032	6.833
24	MP GAMMA3	X	.032	5.167
25	MP ALPHA2	Y	.555	6
26	MP ALPHA2	X	.321	6
27	MP BETA2	Y	.281	6
28	MP BETA2	X	.162	6
29	MP GAMMA2	Y	.555	6
30	MP GAMMA2	X	.321	6
31	MP ALPHA4	Y	.078	6
32	MP ALPHA4	X	.045	6
33	MP BETA4	Y	.053	6
34	MP BETA4	X	.031	6
35	MP GAMMA4	Y	.078	6
36	MP GAMMA4	X	.045	6
37	MP ALPHA4	Y	.058	6
38	MP ALPHA4	X	.033	6
39	MP BETA4	Y	.045	6
40	MP BETA4	X	.026	6
41	MP GAMMA4	Y	.058	6
42	MP GAMMA4	X	.033	6
43	MP ALPHA2	Y	.052	6
44	MP ALPHA2	X	.03	6
45	MP BETA2	Y	.034	6
46	MP BETA2	X	.019	6
47	MP GAMMA2	Y	.052	6
48	MP GAMMA2	X	.03	6
49	MP ALPHA2	Y	.05	6
50	MP ALPHA2	X	.029	6
51	MP BETA2	Y	.043	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
52	MP BETA2	X	.025	6
53	MP GAMMA2	Y	.05	6
54	MP GAMMA2	X	.029	6
55	MP ALPHA2	Y	.085	6
56	MP ALPHA2	X	.049	6
57	MP BETA2	Y	.041	6
58	MP BETA2	X	.024	6
59	MP GAMMA2	Y	.085	6
60	MP GAMMA2	X	.049	6
61	MP ALPHA5	Y	.027	2
62	MP ALPHA5	X	.016	2
63	MP BETA5	Y	.027	2
64	MP BETA5	X	.016	2
65	MP GAMMA5	Y	.036	2
66	MP GAMMA5	X	.021	2
67	MP BETA4	Y	.095	8.5
68	MP BETA4	Y	.095	3.5
69	MP BETA4	X	.055	8.5
70	MP BETA4	X	.055	3.5
71	MP BETA3	Y	.032	3.333
72	MP BETA3	Y	.032	1.667
73	MP BETA3	X	.018	3.333
74	MP BETA3	X	.018	1.667
75	MP BETA3	Y	.031	6.833
76	MP BETA3	Y	.031	5.167
77	MP BETA3	X	.018	6.833
78	MP BETA3	X	.018	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.077	8.5
2	MP ALPHA4	Y	.077	3.5
3	MP ALPHA4	X	.134	8.5
4	MP ALPHA4	X	.134	3.5
5	MP GAMMA4	Y	.145	8.5
6	MP GAMMA4	Y	.145	3.5
7	MP GAMMA4	X	.251	8.5
8	MP GAMMA4	X	.251	3.5
9	MP ALPHA3	Y	.023	3.333
10	MP ALPHA3	Y	.023	1.667
11	MP ALPHA3	X	.04	3.333
12	MP ALPHA3	X	.04	1.667
13	MP GAMMA3	Y	.038	3.333
14	MP GAMMA3	Y	.038	1.667
15	MP GAMMA3	X	.066	3.333
16	MP GAMMA3	X	.066	1.667
17	MP ALPHA3	Y	.022	6.833
18	MP ALPHA3	Y	.022	5.167
19	MP ALPHA3	X	.039	6.833
20	MP ALPHA3	X	.039	5.167
21	MP GAMMA3	Y	.037	6.833
22	MP GAMMA3	Y	.037	5.167
23	MP GAMMA3	X	.064	6.833
24	MP GAMMA3	X	.064	5.167
25	MP ALPHA2	Y	.215	6
26	MP ALPHA2	X	.373	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
27	MP BETA2	Y	.215	6
28	MP BETA2	X	.373	6
29	MP GAMMA2	Y	.373	6
30	MP GAMMA2	X	.646	6
31	MP ALPHA4	Y	.035	6
32	MP ALPHA4	X	.061	6
33	MP BETA4	Y	.035	6
34	MP BETA4	X	.061	6
35	MP GAMMA4	Y	.05	6
36	MP GAMMA4	X	.087	6
37	MP ALPHA4	Y	.028	6
38	MP ALPHA4	X	.049	6
39	MP BETA4	Y	.028	6
40	MP BETA4	X	.049	6
41	MP GAMMA4	Y	.036	6
42	MP GAMMA4	X	.062	6
43	MP ALPHA2	Y	.023	6
44	MP ALPHA2	X	.04	6
45	MP BETA2	Y	.023	6
46	MP BETA2	X	.04	6
47	MP GAMMA2	Y	.034	6
48	MP GAMMA2	X	.058	6
49	MP ALPHA2	Y	.026	6
50	MP ALPHA2	X	.045	6
51	MP BETA2	Y	.026	6
52	MP BETA2	X	.045	6
53	MP GAMMA2	Y	.03	6
54	MP GAMMA2	X	.052	6
55	MP ALPHA2	Y	.032	6
56	MP ALPHA2	X	.055	6
57	MP BETA2	Y	.032	6
58	MP BETA2	X	.055	6
59	MP GAMMA2	Y	.058	6
60	MP GAMMA2	X	.1	6
61	MP ALPHA5	Y	.016	2
62	MP ALPHA5	X	.027	2
63	MP BETA5	Y	.016	2
64	MP BETA5	X	.027	2
65	MP GAMMA5	Y	.021	2
66	MP GAMMA5	X	.036	2
67	MP BETA4	Y	.071	8.5
68	MP BETA4	Y	.071	3.5
69	MP BETA4	X	.122	8.5
70	MP BETA4	X	.122	3.5
71	MP BETA3	Y	.022	3.333
72	MP BETA3	Y	.022	1.667
73	MP BETA3	X	.038	3.333
74	MP BETA3	X	.038	1.667
75	MP BETA3	Y	.021	6.833
76	MP BETA3	Y	.021	5.167
77	MP BETA3	X	.036	6.833
78	MP BETA3	X	.036	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	X	.109	8.5



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
2	MP ALPHA4	X	.109	3.5
3	MP GAMMA4	X	.245	8.5
4	MP GAMMA4	X	.245	3.5
5	MP ALPHA3	X	.037	3.333
6	MP ALPHA3	X	.037	1.667
7	MP GAMMA3	X	.066	3.333
8	MP GAMMA3	X	.066	1.667
9	MP ALPHA3	X	.035	6.833
10	MP ALPHA3	X	.035	5.167
11	MP GAMMA3	X	.064	6.833
12	MP GAMMA3	X	.064	5.167
13	MP ALPHA2	X	.325	6
14	MP BETA2	X	.641	6
15	MP GAMMA2	X	.641	6
16	MP ALPHA4	X	.061	6
17	MP BETA4	X	.091	6
18	MP GAMMA4	X	.091	6
19	MP ALPHA4	X	.052	6
20	MP BETA4	X	.067	6
21	MP GAMMA4	X	.067	6
22	MP ALPHA2	X	.039	6
23	MP BETA2	X	.06	6
24	MP GAMMA2	X	.06	6
25	MP ALPHA2	X	.05	6
26	MP BETA2	X	.057	6
27	MP GAMMA2	X	.057	6
28	MP ALPHA2	X	.047	6
29	MP BETA2	X	.098	6
30	MP GAMMA2	X	.098	6
31	MP ALPHA5	X	.031	2
32	MP BETA5	X	.031	2
33	MP GAMMA5	X	.042	2
34	MP BETA4	X	.231	8.5
35	MP BETA4	X	.231	3.5
36	MP BETA3	X	.063	3.333
37	MP BETA3	X	.063	1.667
38	MP BETA3	X	.061	6.833
39	MP BETA3	X	.061	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.077	8.5
2	MP ALPHA4	Y	-.077	3.5
3	MP ALPHA4	X	.134	8.5
4	MP ALPHA4	X	.134	3.5
5	MP GAMMA4	Y	-.077	8.5
6	MP GAMMA4	Y	-.077	3.5
7	MP GAMMA4	X	.134	8.5
8	MP GAMMA4	X	.134	3.5
9	MP ALPHA3	Y	-.023	3.333
10	MP ALPHA3	Y	-.023	1.667
11	MP ALPHA3	X	.04	3.333
12	MP ALPHA3	X	.04	1.667
13	MP GAMMA3	Y	-.023	3.333
14	MP GAMMA3	Y	-.023	1.667
15	MP GAMMA3	X	.04	3.333



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
16	MP GAMMA3	X	.04	1.667
17	MP ALPHA3	Y	-.022	6.833
18	MP ALPHA3	Y	-.022	5.167
19	MP ALPHA3	X	.039	6.833
20	MP ALPHA3	X	.039	5.167
21	MP GAMMA3	Y	-.022	6.833
22	MP GAMMA3	Y	-.022	5.167
23	MP GAMMA3	X	.039	6.833
24	MP GAMMA3	X	.039	5.167
25	MP ALPHA2	Y	-.215	6
26	MP ALPHA2	X	.373	6
27	MP BETA2	Y	-.373	6
28	MP BETA2	X	.646	6
29	MP GAMMA2	Y	-.215	6
30	MP GAMMA2	X	.373	6
31	MP ALPHA4	Y	-.035	6
32	MP ALPHA4	X	.061	6
33	MP BETA4	Y	-.05	6
34	MP BETA4	X	.087	6
35	MP GAMMA4	Y	-.035	6
36	MP GAMMA4	X	.061	6
37	MP ALPHA4	Y	-.028	6
38	MP ALPHA4	X	.049	6
39	MP BETA4	Y	-.036	6
40	MP BETA4	X	.062	6
41	MP GAMMA4	Y	-.028	6
42	MP GAMMA4	X	.049	6
43	MP ALPHA2	Y	-.023	6
44	MP ALPHA2	X	.04	6
45	MP BETA2	Y	-.034	6
46	MP BETA2	X	.058	6
47	MP GAMMA2	Y	-.023	6
48	MP GAMMA2	X	.04	6
49	MP ALPHA2	Y	-.026	6
50	MP ALPHA2	X	.045	6
51	MP BETA2	Y	-.03	6
52	MP BETA2	X	.052	6
53	MP GAMMA2	Y	-.026	6
54	MP GAMMA2	X	.045	6
55	MP ALPHA2	Y	-.032	6
56	MP ALPHA2	X	.055	6
57	MP BETA2	Y	-.058	6
58	MP BETA2	X	.1	6
59	MP GAMMA2	Y	-.032	6
60	MP GAMMA2	X	.055	6
61	MP ALPHA5	Y	-.016	2
62	MP ALPHA5	X	.027	2
63	MP BETA5	Y	-.016	2
64	MP BETA5	X	.027	2
65	MP GAMMA5	Y	-.021	2
66	MP GAMMA5	X	.036	2
67	MP BETA4	Y	-.144	8.5
68	MP BETA4	Y	-.144	3.5
69	MP BETA4	X	.25	8.5
70	MP BETA4	X	.25	3.5
71	MP BETA3	Y	-.038	3.333
72	MP BETA3	Y	-.038	1.667



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
73	MP BETA3	X	.065	3.333
74	MP BETA3	X	.065	1.667
75	MP BETA3	Y	-.037	6.833
76	MP BETA3	Y	-.037	5.167
77	MP BETA3	X	.064	6.833
78	MP BETA3	X	.064	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
1	MP ALPHA4	Y	-.212	8.5
2	MP ALPHA4	Y	-.212	3.5
3	MP ALPHA4	X	.122	8.5
4	MP ALPHA4	X	.122	3.5
5	MP GAMMA4	Y	-.094	8.5
6	MP GAMMA4	Y	-.094	3.5
7	MP GAMMA4	X	.054	8.5
8	MP GAMMA4	X	.054	3.5
9	MP ALPHA3	Y	-.057	3.333
10	MP ALPHA3	Y	-.057	1.667
11	MP ALPHA3	X	.033	3.333
12	MP ALPHA3	X	.033	1.667
13	MP GAMMA3	Y	-.032	3.333
14	MP GAMMA3	Y	-.032	1.667
15	MP GAMMA3	X	.018	3.333
16	MP GAMMA3	X	.018	1.667
17	MP ALPHA3	Y	-.056	6.833
18	MP ALPHA3	Y	-.056	5.167
19	MP ALPHA3	X	.032	6.833
20	MP ALPHA3	X	.032	5.167
21	MP GAMMA3	Y	-.03	6.833
22	MP GAMMA3	Y	-.03	5.167
23	MP GAMMA3	X	.017	6.833
24	MP GAMMA3	X	.017	5.167
25	MP ALPHA2	Y	-.555	6
26	MP ALPHA2	X	.321	6
27	MP BETA2	Y	-.555	6
28	MP BETA2	X	.321	6
29	MP GAMMA2	Y	-.281	6
30	MP GAMMA2	X	.162	6
31	MP ALPHA4	Y	-.078	6
32	MP ALPHA4	X	.045	6
33	MP BETA4	Y	-.078	6
34	MP BETA4	X	.045	6
35	MP GAMMA4	Y	-.053	6
36	MP GAMMA4	X	.031	6
37	MP ALPHA4	Y	-.058	6
38	MP ALPHA4	X	.033	6
39	MP BETA4	Y	-.058	6
40	MP BETA4	X	.033	6
41	MP GAMMA4	Y	-.045	6
42	MP GAMMA4	X	.026	6
43	MP ALPHA2	Y	-.052	6
44	MP ALPHA2	X	.03	6
45	MP BETA2	Y	-.052	6
46	MP BETA2	X	.03	6
47	MP GAMMA2	Y	-.034	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
48	MP GAMMA2	X	.019	6
49	MP ALPHA2	Y	-.05	6
50	MP ALPHA2	X	.029	6
51	MP BETA2	Y	-.05	6
52	MP BETA2	X	.029	6
53	MP GAMMA2	Y	-.043	6
54	MP GAMMA2	X	.025	6
55	MP ALPHA2	Y	-.085	6
56	MP ALPHA2	X	.049	6
57	MP BETA2	Y	-.085	6
58	MP BETA2	X	.049	6
59	MP GAMMA2	Y	-.041	6
60	MP GAMMA2	X	.024	6
61	MP ALPHA5	Y	-.027	2
62	MP ALPHA5	X	.016	2
63	MP BETA5	Y	-.027	2
64	MP BETA5	X	.016	2
65	MP GAMMA5	Y	-.036	2
66	MP GAMMA5	X	.021	2
67	MP BETA4	Y	-.223	8.5
68	MP BETA4	Y	-.223	3.5
69	MP BETA4	X	.129	8.5
70	MP BETA4	X	.129	3.5
71	MP BETA3	Y	-.059	3.333
72	MP BETA3	Y	-.059	1.667
73	MP BETA3	X	.034	3.333
74	MP BETA3	X	.034	1.667
75	MP BETA3	Y	-.058	6.833
76	MP BETA3	Y	-.058	5.167
77	MP BETA3	X	.034	6.833
78	MP BETA3	X	.034	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.019	8.5
2	MP ALPHA4	Y	-.019	3.5
3	MP GAMMA4	Y	-.01	8.5
4	MP GAMMA4	Y	-.01	3.5
5	MP ALPHA3	Y	-.005	3.333
6	MP ALPHA3	Y	-.005	1.667
7	MP GAMMA3	Y	-.003	3.333
8	MP GAMMA3	Y	-.003	1.667
9	MP ALPHA3	Y	-.005	6.833
10	MP ALPHA3	Y	-.005	5.167
11	MP GAMMA3	Y	-.003	6.833
12	MP GAMMA3	Y	-.003	5.167
13	MP ALPHA2	Y	-.05	6
14	MP BETA2	Y	-.029	6
15	MP GAMMA2	Y	-.029	6
16	MP ALPHA4	Y	-.007	6
17	MP BETA4	Y	-.005	6
18	MP GAMMA4	Y	-.005	6
19	MP ALPHA4	Y	-.005	6
20	MP BETA4	Y	-.004	6
21	MP GAMMA4	Y	-.004	6
22	MP ALPHA2	Y	-.005	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
23	MP BETA2	Y	-.003	6
24	MP GAMMA2	Y	-.003	6
25	MP ALPHA2	Y	-.004	6
26	MP BETA2	Y	-.003	6
27	MP GAMMA2	Y	-.003	6
28	MP ALPHA2	Y	-.008	6
29	MP BETA2	Y	-.004	6
30	MP GAMMA2	Y	-.004	6
31	MP ALPHA5	Y	-.002	2
32	MP BETA5	Y	-.002	2
33	MP GAMMA5	Y	-.003	2
34	MP BETA4	Y	-.011	8.5
35	MP BETA4	Y	-.011	3.5
36	MP BETA3	Y	-.003	3.333
37	MP BETA3	Y	-.003	1.667
38	MP BETA3	Y	-.003	6.833
39	MP BETA3	Y	-.003	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.014	8.5
2	MP ALPHA4	Y	-.014	3.5
3	MP ALPHA4	X	-.008	8.5
4	MP ALPHA4	X	-.008	3.5
5	MP GAMMA4	Y	-.014	8.5
6	MP GAMMA4	Y	-.014	3.5
7	MP GAMMA4	X	-.008	8.5
8	MP GAMMA4	X	-.008	3.5
9	MP ALPHA3	Y	-.004	3.333
10	MP ALPHA3	Y	-.004	1.667
11	MP ALPHA3	X	-.002	3.333
12	MP ALPHA3	X	-.002	1.667
13	MP GAMMA3	Y	-.004	3.333
14	MP GAMMA3	Y	-.004	1.667
15	MP GAMMA3	X	-.002	3.333
16	MP GAMMA3	X	-.002	1.667
17	MP ALPHA3	Y	-.004	6.833
18	MP ALPHA3	Y	-.004	5.167
19	MP ALPHA3	X	-.002	6.833
20	MP ALPHA3	X	-.002	5.167
21	MP GAMMA3	Y	-.004	6.833
22	MP GAMMA3	Y	-.004	5.167
23	MP GAMMA3	X	-.002	6.833
24	MP GAMMA3	X	-.002	5.167
25	MP ALPHA2	Y	-.037	6
26	MP ALPHA2	X	-.021	6
27	MP BETA2	Y	-.019	6
28	MP BETA2	X	-.011	6
29	MP GAMMA2	Y	-.037	6
30	MP GAMMA2	X	-.021	6
31	MP ALPHA4	Y	-.005	6
32	MP ALPHA4	X	-.003	6
33	MP BETA4	Y	-.004	6
34	MP BETA4	X	-.002	6
35	MP GAMMA4	Y	-.005	6
36	MP GAMMA4	X	-.003	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
37	MP ALPHA4	Y	-0.004	6
38	MP ALPHA4	X	-0.002	6
39	MP BETA4	Y	-0.003	6
40	MP BETA4	X	-0.002	6
41	MP GAMMA4	Y	-0.004	6
42	MP GAMMA4	X	-0.002	6
43	MP ALPHA2	Y	-0.003	6
44	MP ALPHA2	X	-0.002	6
45	MP BETA2	Y	-0.002	6
46	MP BETA2	X	-0.001	6
47	MP GAMMA2	Y	-0.003	6
48	MP GAMMA2	X	-0.002	6
49	MP ALPHA2	Y	-0.003	6
50	MP ALPHA2	X	-0.002	6
51	MP BETA2	Y	-0.003	6
52	MP BETA2	X	-0.002	6
53	MP GAMMA2	Y	-0.003	6
54	MP GAMMA2	X	-0.002	6
55	MP ALPHA2	Y	-0.006	6
56	MP ALPHA2	X	-0.003	6
57	MP BETA2	Y	-0.003	6
58	MP BETA2	X	-0.002	6
59	MP GAMMA2	Y	-0.006	6
60	MP GAMMA2	X	-0.003	6
61	MP ALPHA5	Y	-0.002	2
62	MP ALPHA5	X	-0.001	2
63	MP BETA5	Y	-0.002	2
64	MP BETA5	X	-0.001	2
65	MP GAMMA5	Y	-0.002	2
66	MP GAMMA5	X	-0.001	2
67	MP BETA4	Y	-0.006	8.5
68	MP BETA4	Y	-0.006	3.5
69	MP BETA4	X	-0.004	8.5
70	MP BETA4	X	-0.004	3.5
71	MP BETA3	Y	-0.002	3.333
72	MP BETA3	Y	-0.002	1.667
73	MP BETA3	X	-0.001	3.333
74	MP BETA3	X	-0.001	1.667
75	MP BETA3	Y	-0.002	6.833
76	MP BETA3	Y	-0.002	5.167
77	MP BETA3	X	-0.001	6.833
78	MP BETA3	X	-0.001	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-0.005	8.5
2	MP ALPHA4	Y	-0.005	3.5
3	MP ALPHA4	X	-0.009	8.5
4	MP ALPHA4	X	-0.009	3.5
5	MP GAMMA4	Y	-.01	8.5
6	MP GAMMA4	Y	-.01	3.5
7	MP GAMMA4	X	-0.017	8.5
8	MP GAMMA4	X	-0.017	3.5
9	MP ALPHA3	Y	-0.002	3.333
10	MP ALPHA3	Y	-0.002	1.667
11	MP ALPHA3	X	-0.003	3.333



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
12	MP ALPHA3	X	-0.03	1.667
13	MP GAMMA3	Y	-0.03	3.333
14	MP GAMMA3	Y	-0.03	1.667
15	MP GAMMA3	X	-0.04	3.333
16	MP GAMMA3	X	-0.04	1.667
17	MP ALPHA3	Y	-0.01	6.833
18	MP ALPHA3	Y	-0.01	5.167
19	MP ALPHA3	X	-0.03	6.833
20	MP ALPHA3	X	-0.03	5.167
21	MP GAMMA3	Y	-0.02	6.833
22	MP GAMMA3	Y	-0.02	5.167
23	MP GAMMA3	X	-0.04	6.833
24	MP GAMMA3	X	-0.04	5.167
25	MP ALPHA2	Y	-0.014	6
26	MP ALPHA2	X	-0.025	6
27	MP BETA2	Y	-0.014	6
28	MP BETA2	X	-0.025	6
29	MP GAMMA2	Y	-0.025	6
30	MP GAMMA2	X	-0.043	6
31	MP ALPHA4	Y	-0.02	6
32	MP ALPHA4	X	-0.04	6
33	MP BETA4	Y	-0.02	6
34	MP BETA4	X	-0.04	6
35	MP GAMMA4	Y	-0.03	6
36	MP GAMMA4	X	-0.06	6
37	MP ALPHA4	Y	-0.02	6
38	MP ALPHA4	X	-0.03	6
39	MP BETA4	Y	-0.02	6
40	MP BETA4	X	-0.03	6
41	MP GAMMA4	Y	-0.02	6
42	MP GAMMA4	X	-0.04	6
43	MP ALPHA2	Y	-0.02	6
44	MP ALPHA2	X	-0.03	6
45	MP BETA2	Y	-0.02	6
46	MP BETA2	X	-0.03	6
47	MP GAMMA2	Y	-0.02	6
48	MP GAMMA2	X	-0.04	6
49	MP ALPHA2	Y	-0.02	6
50	MP ALPHA2	X	-0.03	6
51	MP BETA2	Y	-0.02	6
52	MP BETA2	X	-0.03	6
53	MP GAMMA2	Y	-0.02	6
54	MP GAMMA2	X	-0.03	6
55	MP ALPHA2	Y	-0.02	6
56	MP ALPHA2	X	-0.04	6
57	MP BETA2	Y	-0.02	6
58	MP BETA2	X	-0.04	6
59	MP GAMMA2	Y	-0.04	6
60	MP GAMMA2	X	-0.07	6
61	MP ALPHA5	Y	-0.01	2
62	MP ALPHA5	X	-0.02	2
63	MP BETA5	Y	-0.01	2
64	MP BETA5	X	-0.02	2
65	MP GAMMA5	Y	-0.01	2
66	MP GAMMA5	X	-0.02	2
67	MP BETA4	Y	-0.05	8.5
68	MP BETA4	Y	-0.05	3.5



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
69	MP BETA4	X	-0.08	8.5
70	MP BETA4	X	-0.08	3.5
71	MP BETA3	Y	-0.01	3.333
72	MP BETA3	Y	-0.01	1.667
73	MP BETA3	X	-0.03	3.333
74	MP BETA3	X	-0.03	1.667
75	MP BETA3	Y	-0.01	6.833
76	MP BETA3	Y	-0.01	5.167
77	MP BETA3	X	-0.02	6.833
78	MP BETA3	X	-0.02	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA4	X	-0.07	8.5
2	MP ALPHA4	X	-0.07	3.5
3	MP GAMMA4	X	-0.16	8.5
4	MP GAMMA4	X	-0.16	3.5
5	MP ALPHA3	X	-0.02	3.333
6	MP ALPHA3	X	-0.02	1.667
7	MP GAMMA3	X	-0.04	3.333
8	MP GAMMA3	X	-0.04	1.667
9	MP ALPHA3	X	-0.02	6.833
10	MP ALPHA3	X	-0.02	5.167
11	MP GAMMA3	X	-0.04	6.833
12	MP GAMMA3	X	-0.04	5.167
13	MP ALPHA2	X	-0.22	6
14	MP BETA2	X	-0.43	6
15	MP GAMMA2	X	-0.43	6
16	MP ALPHA4	X	-0.04	6
17	MP BETA4	X	-0.06	6
18	MP GAMMA4	X	-0.06	6
19	MP ALPHA4	X	-0.03	6
20	MP BETA4	X	-0.04	6
21	MP GAMMA4	X	-0.04	6
22	MP ALPHA2	X	-0.03	6
23	MP BETA2	X	-0.04	6
24	MP GAMMA2	X	-0.04	6
25	MP ALPHA2	X	-0.03	6
26	MP BETA2	X	-0.04	6
27	MP GAMMA2	X	-0.04	6
28	MP ALPHA2	X	-0.03	6
29	MP BETA2	X	-0.07	6
30	MP GAMMA2	X	-0.07	6
31	MP ALPHA5	X	-0.02	2
32	MP BETA5	X	-0.02	2
33	MP GAMMA5	X	-0.03	2
34	MP BETA4	X	-0.15	8.5
35	MP BETA4	X	-0.15	3.5
36	MP BETA3	X	-0.04	3.333
37	MP BETA3	X	-0.04	1.667
38	MP BETA3	X	-0.04	6.833
39	MP BETA3	X	-0.04	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA4	Y	.005	8.5



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
2	MP ALPHA4	Y	.005	3.5
3	MP ALPHA4	X	-.009	8.5
4	MP ALPHA4	X	-.009	3.5
5	MP GAMMA4	Y	.005	8.5
6	MP GAMMA4	Y	.005	3.5
7	MP GAMMA4	X	-.009	8.5
8	MP GAMMA4	X	-.009	3.5
9	MP ALPHA3	Y	.002	3.333
10	MP ALPHA3	Y	.002	1.667
11	MP ALPHA3	X	-.003	3.333
12	MP ALPHA3	X	-.003	1.667
13	MP GAMMA3	Y	.002	3.333
14	MP GAMMA3	Y	.002	1.667
15	MP GAMMA3	X	-.003	3.333
16	MP GAMMA3	X	-.003	1.667
17	MP ALPHA3	Y	.001	6.833
18	MP ALPHA3	Y	.001	5.167
19	MP ALPHA3	X	-.003	6.833
20	MP ALPHA3	X	-.003	5.167
21	MP GAMMA3	Y	.001	6.833
22	MP GAMMA3	Y	.001	5.167
23	MP GAMMA3	X	-.003	6.833
24	MP GAMMA3	X	-.003	5.167
25	MP ALPHA2	Y	.014	6
26	MP ALPHA2	X	-.025	6
27	MP BETA2	Y	.025	6
28	MP BETA2	X	-.043	6
29	MP GAMMA2	Y	.014	6
30	MP GAMMA2	X	-.025	6
31	MP ALPHA4	Y	.002	6
32	MP ALPHA4	X	-.004	6
33	MP BETA4	Y	.003	6
34	MP BETA4	X	-.006	6
35	MP GAMMA4	Y	.002	6
36	MP GAMMA4	X	-.004	6
37	MP ALPHA4	Y	.002	6
38	MP ALPHA4	X	-.003	6
39	MP BETA4	Y	.002	6
40	MP BETA4	X	-.004	6
41	MP GAMMA4	Y	.002	6
42	MP GAMMA4	X	-.003	6
43	MP ALPHA2	Y	.002	6
44	MP ALPHA2	X	-.003	6
45	MP BETA2	Y	.002	6
46	MP BETA2	X	-.004	6
47	MP GAMMA2	Y	.002	6
48	MP GAMMA2	X	-.003	6
49	MP ALPHA2	Y	.002	6
50	MP ALPHA2	X	-.003	6
51	MP BETA2	Y	.002	6
52	MP BETA2	X	-.003	6
53	MP GAMMA2	Y	.002	6
54	MP GAMMA2	X	-.003	6
55	MP ALPHA2	Y	.002	6
56	MP ALPHA2	X	-.004	6
57	MP BETA2	Y	.004	6
58	MP BETA2	X	-.007	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
59	MP GAMMA2	Y	.002	6
60	MP GAMMA2	X	-.004	6
61	MP ALPHA5	Y	.001	2
62	MP ALPHA5	X	-.002	2
63	MP BETA5	Y	.001	2
64	MP BETA5	X	-.002	2
65	MP GAMMA5	Y	.001	2
66	MP GAMMA5	X	-.002	2
67	MP BETA4	Y	.01	8.5
68	MP BETA4	Y	.01	3.5
69	MP BETA4	X	-.017	8.5
70	MP BETA4	X	-.017	3.5
71	MP BETA3	Y	.003	3.333
72	MP BETA3	Y	.003	1.667
73	MP BETA3	X	-.004	3.333
74	MP BETA3	X	-.004	1.667
75	MP BETA3	Y	.002	6.833
76	MP BETA3	Y	.002	5.167
77	MP BETA3	X	-.004	6.833
78	MP BETA3	X	-.004	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	.014	8.5
2	MP ALPHA4	Y	.014	3.5
3	MP ALPHA4	X	-.008	8.5
4	MP ALPHA4	X	-.008	3.5
5	MP GAMMA4	Y	.006	8.5
6	MP GAMMA4	Y	.006	3.5
7	MP GAMMA4	X	-.004	8.5
8	MP GAMMA4	X	-.004	3.5
9	MP ALPHA3	Y	.004	3.333
10	MP ALPHA3	Y	.004	1.667
11	MP ALPHA3	X	-.002	3.333
12	MP ALPHA3	X	-.002	1.667
13	MP GAMMA3	Y	.002	3.333
14	MP GAMMA3	Y	.002	1.667
15	MP GAMMA3	X	-.001	3.333
16	MP GAMMA3	X	-.001	1.667
17	MP ALPHA3	Y	.004	6.833
18	MP ALPHA3	Y	.004	5.167
19	MP ALPHA3	X	-.002	6.833
20	MP ALPHA3	X	-.002	5.167
21	MP GAMMA3	Y	.002	6.833
22	MP GAMMA3	Y	.002	5.167
23	MP GAMMA3	X	-.001	6.833
24	MP GAMMA3	X	-.001	5.167
25	MP ALPHA2	Y	.037	6
26	MP ALPHA2	X	-.021	6
27	MP BETA2	Y	.037	6
28	MP BETA2	X	-.021	6
29	MP GAMMA2	Y	.019	6
30	MP GAMMA2	X	-.011	6
31	MP ALPHA4	Y	.005	6
32	MP ALPHA4	X	-.003	6
33	MP BETA4	Y	.005	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
34	MP BETA4	X	-.003	6
35	MP GAMMA4	Y	.004	6
36	MP GAMMA4	X	-.002	6
37	MP ALPHA4	Y	.004	6
38	MP ALPHA4	X	-.002	6
39	MP BETA4	Y	.004	6
40	MP BETA4	X	-.002	6
41	MP GAMMA4	Y	.003	6
42	MP GAMMA4	X	-.002	6
43	MP ALPHA2	Y	.003	6
44	MP ALPHA2	X	-.002	6
45	MP BETA2	Y	.003	6
46	MP BETA2	X	-.002	6
47	MP GAMMA2	Y	.002	6
48	MP GAMMA2	X	-.001	6
49	MP ALPHA2	Y	.003	6
50	MP ALPHA2	X	-.002	6
51	MP BETA2	Y	.003	6
52	MP BETA2	X	-.002	6
53	MP GAMMA2	Y	.003	6
54	MP GAMMA2	X	-.002	6
55	MP ALPHA2	Y	.006	6
56	MP ALPHA2	X	-.003	6
57	MP BETA2	Y	.006	6
58	MP BETA2	X	-.003	6
59	MP GAMMA2	Y	.003	6
60	MP GAMMA2	X	-.002	6
61	MP ALPHA5	Y	.002	2
62	MP ALPHA5	X	-.001	2
63	MP BETA5	Y	.002	2
64	MP BETA5	X	-.001	2
65	MP GAMMA5	Y	.002	2
66	MP GAMMA5	X	-.001	2
67	MP BETA4	Y	.015	8.5
68	MP BETA4	Y	.015	3.5
69	MP BETA4	X	-.009	8.5
70	MP BETA4	X	-.009	3.5
71	MP BETA3	Y	.004	3.333
72	MP BETA3	Y	.004	1.667
73	MP BETA3	X	-.002	3.333
74	MP BETA3	X	-.002	1.667
75	MP BETA3	Y	.004	6.833
76	MP BETA3	Y	.004	5.167
77	MP BETA3	X	-.002	6.833
78	MP BETA3	X	-.002	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.019	8.5
2	MP ALPHA4	Y	.019	3.5
3	MP GAMMA4	Y	.01	8.5
4	MP GAMMA4	Y	.01	3.5
5	MP ALPHA3	Y	.005	3.333
6	MP ALPHA3	Y	.005	1.667
7	MP GAMMA3	Y	.003	3.333
8	MP GAMMA3	Y	.003	1.667



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
9	MP ALPHA3	Y	.005	6.833
10	MP ALPHA3	Y	.005	5.167
11	MP GAMMA3	Y	.003	6.833
12	MP GAMMA3	Y	.003	5.167
13	MP ALPHA2	Y	.05	6
14	MP BETA2	Y	.029	6
15	MP GAMMA2	Y	.029	6
16	MP ALPHA4	Y	.007	6
17	MP BETA4	Y	.005	6
18	MP GAMMA4	Y	.005	6
19	MP ALPHA4	Y	.005	6
20	MP BETA4	Y	.004	6
21	MP GAMMA4	Y	.004	6
22	MP ALPHA2	Y	.005	6
23	MP BETA2	Y	.003	6
24	MP GAMMA2	Y	.003	6
25	MP ALPHA2	Y	.004	6
26	MP BETA2	Y	.003	6
27	MP GAMMA2	Y	.003	6
28	MP ALPHA2	Y	.008	6
29	MP BETA2	Y	.004	6
30	MP GAMMA2	Y	.004	6
31	MP ALPHA5	Y	.002	2
32	MP BETA5	Y	.002	2
33	MP GAMMA5	Y	.003	2
34	MP BETA4	Y	.011	8.5
35	MP BETA4	Y	.011	3.5
36	MP BETA3	Y	.003	3.333
37	MP BETA3	Y	.003	1.667
38	MP BETA3	Y	.003	6.833
39	MP BETA3	Y	.003	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA4	Y	.014	8.5
2	MP ALPHA4	Y	.014	3.5
3	MP ALPHA4	X	.008	8.5
4	MP ALPHA4	X	.008	3.5
5	MP GAMMA4	Y	.014	8.5
6	MP GAMMA4	Y	.014	3.5
7	MP GAMMA4	X	.008	8.5
8	MP GAMMA4	X	.008	3.5
9	MP ALPHA3	Y	.004	3.333
10	MP ALPHA3	Y	.004	1.667
11	MP ALPHA3	X	.002	3.333
12	MP ALPHA3	X	.002	1.667
13	MP GAMMA3	Y	.004	3.333
14	MP GAMMA3	Y	.004	1.667
15	MP GAMMA3	X	.002	3.333
16	MP GAMMA3	X	.002	1.667
17	MP ALPHA3	Y	.004	6.833
18	MP ALPHA3	Y	.004	5.167
19	MP ALPHA3	X	.002	6.833
20	MP ALPHA3	X	.002	5.167
21	MP GAMMA3	Y	.004	6.833
22	MP GAMMA3	Y	.004	5.167



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
23	MP GAMMA3	X	.002	6.833
24	MP GAMMA3	X	.002	5.167
25	MP ALPHA2	Y	.037	6
26	MP ALPHA2	X	.021	6
27	MP BETA2	Y	.019	6
28	MP BETA2	X	.011	6
29	MP GAMMA2	Y	.037	6
30	MP GAMMA2	X	.021	6
31	MP ALPHA4	Y	.005	6
32	MP ALPHA4	X	.003	6
33	MP BETA4	Y	.004	6
34	MP BETA4	X	.002	6
35	MP GAMMA4	Y	.005	6
36	MP GAMMA4	X	.003	6
37	MP ALPHA4	Y	.004	6
38	MP ALPHA4	X	.002	6
39	MP BETA4	Y	.003	6
40	MP BETA4	X	.002	6
41	MP GAMMA4	Y	.004	6
42	MP GAMMA4	X	.002	6
43	MP ALPHA2	Y	.003	6
44	MP ALPHA2	X	.002	6
45	MP BETA2	Y	.002	6
46	MP BETA2	X	.001	6
47	MP GAMMA2	Y	.003	6
48	MP GAMMA2	X	.002	6
49	MP ALPHA2	Y	.003	6
50	MP ALPHA2	X	.002	6
51	MP BETA2	Y	.003	6
52	MP BETA2	X	.002	6
53	MP GAMMA2	Y	.003	6
54	MP GAMMA2	X	.002	6
55	MP ALPHA2	Y	.006	6
56	MP ALPHA2	X	.003	6
57	MP BETA2	Y	.003	6
58	MP BETA2	X	.002	6
59	MP GAMMA2	Y	.006	6
60	MP GAMMA2	X	.003	6
61	MP ALPHA5	Y	.002	2
62	MP ALPHA5	X	.001	2
63	MP BETA5	Y	.002	2
64	MP BETA5	X	.001	2
65	MP GAMMA5	Y	.002	2
66	MP GAMMA5	X	.001	2
67	MP BETA4	Y	.006	8.5
68	MP BETA4	Y	.006	3.5
69	MP BETA4	X	.004	8.5
70	MP BETA4	X	.004	3.5
71	MP BETA3	Y	.002	3.333
72	MP BETA3	Y	.002	1.667
73	MP BETA3	X	.001	3.333
74	MP BETA3	X	.001	1.667
75	MP BETA3	Y	.002	6.833
76	MP BETA3	Y	.002	5.167
77	MP BETA3	X	.001	6.833
78	MP BETA3	X	.001	5.167



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA4	Y	.005	8.5
2	MP ALPHA4	Y	.005	3.5
3	MP ALPHA4	X	.009	8.5
4	MP ALPHA4	X	.009	3.5
5	MP GAMMA4	Y	.01	8.5
6	MP GAMMA4	Y	.01	3.5
7	MP GAMMA4	X	.017	8.5
8	MP GAMMA4	X	.017	3.5
9	MP ALPHA3	Y	.002	3.333
10	MP ALPHA3	Y	.002	1.667
11	MP ALPHA3	X	.003	3.333
12	MP ALPHA3	X	.003	1.667
13	MP GAMMA3	Y	.003	3.333
14	MP GAMMA3	Y	.003	1.667
15	MP GAMMA3	X	.004	3.333
16	MP GAMMA3	X	.004	1.667
17	MP ALPHA3	Y	.001	6.833
18	MP ALPHA3	Y	.001	5.167
19	MP ALPHA3	X	.003	6.833
20	MP ALPHA3	X	.003	5.167
21	MP GAMMA3	Y	.002	6.833
22	MP GAMMA3	Y	.002	5.167
23	MP GAMMA3	X	.004	6.833
24	MP GAMMA3	X	.004	5.167
25	MP ALPHA2	Y	.014	6
26	MP ALPHA2	X	.025	6
27	MP BETA2	Y	.014	6
28	MP BETA2	X	.025	6
29	MP GAMMA2	Y	.025	6
30	MP GAMMA2	X	.043	6
31	MP ALPHA4	Y	.002	6
32	MP ALPHA4	X	.004	6
33	MP BETA4	Y	.002	6
34	MP BETA4	X	.004	6
35	MP GAMMA4	Y	.003	6
36	MP GAMMA4	X	.006	6
37	MP ALPHA4	Y	.002	6
38	MP ALPHA4	X	.003	6
39	MP BETA4	Y	.002	6
40	MP BETA4	X	.003	6
41	MP GAMMA4	Y	.002	6
42	MP GAMMA4	X	.004	6
43	MP ALPHA2	Y	.002	6
44	MP ALPHA2	X	.003	6
45	MP BETA2	Y	.002	6
46	MP BETA2	X	.003	6
47	MP GAMMA2	Y	.002	6
48	MP GAMMA2	X	.004	6
49	MP ALPHA2	Y	.002	6
50	MP ALPHA2	X	.003	6
51	MP BETA2	Y	.002	6
52	MP BETA2	X	.003	6
53	MP GAMMA2	Y	.002	6
54	MP GAMMA2	X	.003	6
55	MP ALPHA2	Y	.002	6
56	MP ALPHA2	X	.004	6
57	MP BETA2	Y	.002	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
58	MP BETA2	X	.004	6
59	MP GAMMA2	Y	.004	6
60	MP GAMMA2	X	.007	6
61	MP ALPHA5	Y	.001	2
62	MP ALPHA5	X	.002	2
63	MP BETA5	Y	.001	2
64	MP BETA5	X	.002	2
65	MP GAMMA5	Y	.001	2
66	MP GAMMA5	X	.002	2
67	MP BETA4	Y	.005	8.5
68	MP BETA4	Y	.005	3.5
69	MP BETA4	X	.008	8.5
70	MP BETA4	X	.008	3.5
71	MP BETA3	Y	.001	3.333
72	MP BETA3	Y	.001	1.667
73	MP BETA3	X	.003	3.333
74	MP BETA3	X	.003	1.667
75	MP BETA3	Y	.001	6.833
76	MP BETA3	Y	.001	5.167
77	MP BETA3	X	.002	6.833
78	MP BETA3	X	.002	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
1	MP ALPHA4	X	.007	8.5
2	MP ALPHA4	X	.007	3.5
3	MP GAMMA4	X	.016	8.5
4	MP GAMMA4	X	.016	3.5
5	MP ALPHA3	X	.002	3.333
6	MP ALPHA3	X	.002	1.667
7	MP GAMMA3	X	.004	3.333
8	MP GAMMA3	X	.004	1.667
9	MP ALPHA3	X	.002	6.833
10	MP ALPHA3	X	.002	5.167
11	MP GAMMA3	X	.004	6.833
12	MP GAMMA3	X	.004	5.167
13	MP ALPHA2	X	.022	6
14	MP BETA2	X	.043	6
15	MP GAMMA2	X	.043	6
16	MP ALPHA4	X	.004	6
17	MP BETA4	X	.006	6
18	MP GAMMA4	X	.006	6
19	MP ALPHA4	X	.003	6
20	MP BETA4	X	.004	6
21	MP GAMMA4	X	.004	6
22	MP ALPHA2	X	.003	6
23	MP BETA2	X	.004	6
24	MP GAMMA2	X	.004	6
25	MP ALPHA2	X	.003	6
26	MP BETA2	X	.004	6
27	MP GAMMA2	X	.004	6
28	MP ALPHA2	X	.003	6
29	MP BETA2	X	.007	6
30	MP GAMMA2	X	.007	6
31	MP ALPHA5	X	.002	2
32	MP BETA5	X	.002	2



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Point Loads (BLC 24 : Maintenance (270)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
33	MP GAMMA5	X	.003	2
34	MP BETA4	X	.015	8.5
35	MP BETA4	X	.015	3.5
36	MP BETA3	X	.004	3.333
37	MP BETA3	X	.004	1.667
38	MP BETA3	X	.004	6.833
39	MP BETA3	X	.004	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.005	8.5
2	MP ALPHA4	Y	-.005	3.5
3	MP ALPHA4	X	.009	8.5
4	MP ALPHA4	X	.009	3.5
5	MP GAMMA4	Y	-.005	8.5
6	MP GAMMA4	Y	-.005	3.5
7	MP GAMMA4	X	.009	8.5
8	MP GAMMA4	X	.009	3.5
9	MP ALPHA3	Y	-.002	3.333
10	MP ALPHA3	Y	-.002	1.667
11	MP ALPHA3	X	.003	3.333
12	MP ALPHA3	X	.003	1.667
13	MP GAMMA3	Y	-.002	3.333
14	MP GAMMA3	Y	-.002	1.667
15	MP GAMMA3	X	.003	3.333
16	MP GAMMA3	X	.003	1.667
17	MP ALPHA3	Y	-.001	6.833
18	MP ALPHA3	Y	-.001	5.167
19	MP ALPHA3	X	.003	6.833
20	MP ALPHA3	X	.003	5.167
21	MP GAMMA3	Y	-.001	6.833
22	MP GAMMA3	Y	-.001	5.167
23	MP GAMMA3	X	.003	6.833
24	MP GAMMA3	X	.003	5.167
25	MP ALPHA2	Y	-.014	6
26	MP ALPHA2	X	.025	6
27	MP BETA2	Y	-.025	6
28	MP BETA2	X	.043	6
29	MP GAMMA2	Y	-.014	6
30	MP GAMMA2	X	.025	6
31	MP ALPHA4	Y	-.002	6
32	MP ALPHA4	X	.004	6
33	MP BETA4	Y	-.003	6
34	MP BETA4	X	.006	6
35	MP GAMMA4	Y	-.002	6
36	MP GAMMA4	X	.004	6
37	MP ALPHA4	Y	-.002	6
38	MP ALPHA4	X	.003	6
39	MP BETA4	Y	-.002	6
40	MP BETA4	X	.004	6
41	MP GAMMA4	Y	-.002	6
42	MP GAMMA4	X	.003	6
43	MP ALPHA2	Y	-.002	6
44	MP ALPHA2	X	.003	6
45	MP BETA2	Y	-.002	6
46	MP BETA2	X	.004	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
47	MP GAMMA2	Y	-.002	6
48	MP GAMMA2	X	.003	6
49	MP ALPHA2	Y	-.002	6
50	MP ALPHA2	X	.003	6
51	MP BETA2	Y	-.002	6
52	MP BETA2	X	.003	6
53	MP GAMMA2	Y	-.002	6
54	MP GAMMA2	X	.003	6
55	MP ALPHA2	Y	-.002	6
56	MP ALPHA2	X	.004	6
57	MP BETA2	Y	-.004	6
58	MP BETA2	X	.007	6
59	MP GAMMA2	Y	-.002	6
60	MP GAMMA2	X	.004	6
61	MP ALPHA5	Y	-.001	2
62	MP ALPHA5	X	.002	2
63	MP BETA5	Y	-.001	2
64	MP BETA5	X	.002	2
65	MP GAMMA5	Y	-.001	2
66	MP GAMMA5	X	.002	2
67	MP BETA4	Y	-.01	8.5
68	MP BETA4	Y	-.01	3.5
69	MP BETA4	X	.017	8.5
70	MP BETA4	X	.017	3.5
71	MP BETA3	Y	-.003	3.333
72	MP BETA3	Y	-.003	1.667
73	MP BETA3	X	.004	3.333
74	MP BETA3	X	.004	1.667
75	MP BETA3	Y	-.002	6.833
76	MP BETA3	Y	-.002	5.167
77	MP BETA3	X	.004	6.833
78	MP BETA3	X	.004	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	Y	-.014	8.5
2	MP ALPHA4	Y	-.014	3.5
3	MP ALPHA4	X	.008	8.5
4	MP ALPHA4	X	.008	3.5
5	MP GAMMA4	Y	-.006	8.5
6	MP GAMMA4	Y	-.006	3.5
7	MP GAMMA4	X	.004	8.5
8	MP GAMMA4	X	.004	3.5
9	MP ALPHA3	Y	-.004	3.333
10	MP ALPHA3	Y	-.004	1.667
11	MP ALPHA3	X	.002	3.333
12	MP ALPHA3	X	.002	1.667
13	MP GAMMA3	Y	-.002	3.333
14	MP GAMMA3	Y	-.002	1.667
15	MP GAMMA3	X	.001	3.333
16	MP GAMMA3	X	.001	1.667
17	MP ALPHA3	Y	-.004	6.833
18	MP ALPHA3	Y	-.004	5.167
19	MP ALPHA3	X	.002	6.833
20	MP ALPHA3	X	.002	5.167
21	MP GAMMA3	Y	-.002	6.833



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP GAMMA3	Y	-.002	5.167
23	MP GAMMA3	X	.001	6.833
24	MP GAMMA3	X	.001	5.167
25	MP ALPHA2	Y	-.037	6
26	MP ALPHA2	X	.021	6
27	MP BETA2	Y	-.037	6
28	MP BETA2	X	.021	6
29	MP GAMMA2	Y	-.019	6
30	MP GAMMA2	X	.011	6
31	MP ALPHA4	Y	-.005	6
32	MP ALPHA4	X	.003	6
33	MP BETA4	Y	-.005	6
34	MP BETA4	X	.003	6
35	MP GAMMA4	Y	-.004	6
36	MP GAMMA4	X	.002	6
37	MP ALPHA4	Y	-.004	6
38	MP ALPHA4	X	.002	6
39	MP BETA4	Y	-.004	6
40	MP BETA4	X	.002	6
41	MP GAMMA4	Y	-.003	6
42	MP GAMMA4	X	.002	6
43	MP ALPHA2	Y	-.003	6
44	MP ALPHA2	X	.002	6
45	MP BETA2	Y	-.003	6
46	MP BETA2	X	.002	6
47	MP GAMMA2	Y	-.002	6
48	MP GAMMA2	X	.001	6
49	MP ALPHA2	Y	-.003	6
50	MP ALPHA2	X	.002	6
51	MP BETA2	Y	-.003	6
52	MP BETA2	X	.002	6
53	MP GAMMA2	Y	-.003	6
54	MP GAMMA2	X	.002	6
55	MP ALPHA2	Y	-.006	6
56	MP ALPHA2	X	.003	6
57	MP BETA2	Y	-.006	6
58	MP BETA2	X	.003	6
59	MP GAMMA2	Y	-.003	6
60	MP GAMMA2	X	.002	6
61	MP ALPHA5	Y	-.002	2
62	MP ALPHA5	X	.001	2
63	MP BETA5	Y	-.002	2
64	MP BETA5	X	.001	2
65	MP GAMMA5	Y	-.002	2
66	MP GAMMA5	X	.001	2
67	MP BETA4	Y	-.015	8.5
68	MP BETA4	Y	-.015	3.5
69	MP BETA4	X	.009	8.5
70	MP BETA4	X	.009	3.5
71	MP BETA3	Y	-.004	3.333
72	MP BETA3	Y	-.004	1.667
73	MP BETA3	X	.002	3.333
74	MP BETA3	X	.002	1.667
75	MP BETA3	Y	-.004	6.833
76	MP BETA3	Y	-.004	5.167
77	MP BETA3	X	.002	6.833
78	MP BETA3	X	.002	5.167



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

Member Point Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA4	Z	-.179	8.5
2	MP ALPHA4	Z	-.179	3.5
3	MP GAMMA4	Z	-.179	8.5
4	MP GAMMA4	Z	-.179	3.5
5	MP ALPHA3	Z	-.056	3.333
6	MP ALPHA3	Z	-.056	1.667
7	MP GAMMA3	Z	-.056	3.333
8	MP GAMMA3	Z	-.056	1.667
9	MP ALPHA3	Z	-.057	6.833
10	MP ALPHA3	Z	-.057	5.167
11	MP GAMMA3	Z	-.057	6.833
12	MP GAMMA3	Z	-.057	5.167
13	MP ALPHA2	Z	-.397	6
14	MP BETA2	Z	-.397	6
15	MP GAMMA2	Z	-.397	6
16	MP ALPHA4	Z	-.083	6
17	MP BETA4	Z	-.083	6
18	MP GAMMA4	Z	-.083	6
19	MP ALPHA4	Z	-.073	6
20	MP BETA4	Z	-.073	6
21	MP GAMMA4	Z	-.073	6
22	MP ALPHA2	Z	-.063	6
23	MP BETA2	Z	-.063	6
24	MP GAMMA2	Z	-.063	6
25	MP ALPHA2	Z	-.07	6
26	MP BETA2	Z	-.07	6
27	MP GAMMA2	Z	-.07	6
28	MP ALPHA2	Z	-.09	6
29	MP BETA2	Z	-.09	6
30	MP GAMMA2	Z	-.09	6
31	MP ALPHA5	Z	-.083	2
32	MP BETA5	Z	-.083	2
33	MP GAMMA5	Z	-.101	2
34	MP BETA4	Z	-.179	8.5
35	MP BETA4	Z	-.179	3.5
36	MP BETA3	Z	-.056	3.333
37	MP BETA3	Z	-.056	1.667
38	MP BETA3	Z	-.057	6.833
39	MP BETA3	Z	-.057	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.065	8.5
2	MP ALPHA4	Y	-.065	3.5
3	MP GAMMA4	Y	-.039	8.5
4	MP GAMMA4	Y	-.039	3.5
5	MP ALPHA3	Y	-.011	3.333
6	MP ALPHA3	Y	-.011	1.667
7	MP GAMMA3	Y	-.007	3.333
8	MP GAMMA3	Y	-.007	1.667
9	MP ALPHA3	Y	-.017	6.833
10	MP ALPHA3	Y	-.017	5.167
11	MP GAMMA3	Y	-.011	6.833
12	MP GAMMA3	Y	-.011	5.167
13	MP ALPHA2	Y	-.149	6
14	MP BETA2	Y	-.094	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
15	MP GAMMA2	Y	-.094	6
16	MP ALPHA4	Y	-.016	6
17	MP BETA4	Y	-.012	6
18	MP GAMMA4	Y	-.012	6
19	MP ALPHA4	Y	-.012	6
20	MP BETA4	Y	-.01	6
21	MP GAMMA4	Y	-.01	6
22	MP ALPHA2	Y	-.011	6
23	MP BETA2	Y	-.008	6
24	MP GAMMA2	Y	-.008	6
25	MP ALPHA2	Y	-.01	6
26	MP BETA2	Y	-.009	6
27	MP GAMMA2	Y	-.009	6
28	MP ALPHA2	Y	-.017	6
29	MP BETA2	Y	-.011	6
30	MP GAMMA2	Y	-.011	6
31	MP ALPHA5	Y	-.012	2
32	MP BETA5	Y	-.012	2
33	MP GAMMA5	Y	-.016	2
34	MP BETA4	Y	-.044	8.5
35	MP BETA4	Y	-.044	3.5
36	MP BETA3	Y	-.008	3.333
37	MP BETA3	Y	-.008	1.667
38	MP BETA3	Y	-.013	6.833
39	MP BETA3	Y	-.013	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
1	MP ALPHA4	Y	-.049	8.5
2	MP ALPHA4	Y	-.049	3.5
3	MP ALPHA4	X	-.028	8.5
4	MP ALPHA4	X	-.028	3.5
5	MP GAMMA4	Y	-.049	8.5
6	MP GAMMA4	Y	-.049	3.5
7	MP GAMMA4	X	-.028	8.5
8	MP GAMMA4	X	-.028	3.5
9	MP ALPHA3	Y	-.008	3.333
10	MP ALPHA3	Y	-.008	1.667
11	MP ALPHA3	X	-.005	3.333
12	MP ALPHA3	X	-.005	1.667
13	MP GAMMA3	Y	-.008	3.333
14	MP GAMMA3	Y	-.008	1.667
15	MP GAMMA3	X	-.005	3.333
16	MP GAMMA3	X	-.005	1.667
17	MP ALPHA3	Y	-.013	6.833
18	MP ALPHA3	Y	-.013	5.167
19	MP ALPHA3	X	-.007	6.833
20	MP ALPHA3	X	-.007	5.167
21	MP GAMMA3	Y	-.013	6.833
22	MP GAMMA3	Y	-.013	5.167
23	MP GAMMA3	X	-.007	6.833
24	MP GAMMA3	X	-.007	5.167
25	MP ALPHA2	Y	-.113	6
26	MP ALPHA2	X	-.065	6
27	MP BETA2	Y	-.066	6
28	MP BETA2	X	-.038	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
29	MP GAMMA2	Y	-.113	6
30	MP GAMMA2	X	-.065	6
31	MP ALPHA4	Y	-.012	6
32	MP ALPHA4	X	-.007	6
33	MP BETA4	Y	-.009	6
34	MP BETA4	X	-.005	6
35	MP GAMMA4	Y	-.012	6
36	MP GAMMA4	X	-.007	6
37	MP ALPHA4	Y	-.009	6
38	MP ALPHA4	X	-.005	6
39	MP BETA4	Y	-.008	6
40	MP BETA4	X	-.004	6
41	MP GAMMA4	Y	-.009	6
42	MP GAMMA4	X	-.005	6
43	MP ALPHA2	Y	-.009	6
44	MP ALPHA2	X	-.005	6
45	MP BETA2	Y	-.006	6
46	MP BETA2	X	-.004	6
47	MP GAMMA2	Y	-.009	6
48	MP GAMMA2	X	-.005	6
49	MP ALPHA2	Y	-.008	6
50	MP ALPHA2	X	-.005	6
51	MP BETA2	Y	-.007	6
52	MP BETA2	X	-.004	6
53	MP GAMMA2	Y	-.008	6
54	MP GAMMA2	X	-.005	6
55	MP ALPHA2	Y	-.013	6
56	MP ALPHA2	X	-.007	6
57	MP BETA2	Y	-.007	6
58	MP BETA2	X	-.004	6
59	MP GAMMA2	Y	-.013	6
60	MP GAMMA2	X	-.007	6
61	MP ALPHA5	Y	-.01	2
62	MP ALPHA5	X	-.006	2
63	MP BETA5	Y	-.01	2
64	MP BETA5	X	-.006	2
65	MP GAMMA5	Y	-.014	2
66	MP GAMMA5	X	-.008	2
67	MP BETA4	Y	-.026	8.5
68	MP BETA4	Y	-.026	3.5
69	MP BETA4	X	-.015	8.5
70	MP BETA4	X	-.015	3.5
71	MP BETA3	Y	-.005	3.333
72	MP BETA3	Y	-.005	1.667
73	MP BETA3	X	-.003	3.333
74	MP BETA3	X	-.003	1.667
75	MP BETA3	Y	-.008	6.833
76	MP BETA3	Y	-.008	5.167
77	MP BETA3	X	-.005	6.833
78	MP BETA3	X	-.005	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.019	8.5
2	MP ALPHA4	Y	-.019	3.5
3	MP ALPHA4	X	-.033	8.5



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
4	MP ALPHA4	X	-.033	3.5
5	MP GAMMA4	Y	-.032	8.5
6	MP GAMMA4	Y	-.032	3.5
7	MP GAMMA4	X	-.056	8.5
8	MP GAMMA4	X	-.056	3.5
9	MP ALPHA3	Y	-.004	3.333
10	MP ALPHA3	Y	-.004	1.667
11	MP ALPHA3	X	-.006	3.333
12	MP ALPHA3	X	-.006	1.667
13	MP GAMMA3	Y	-.005	3.333
14	MP GAMMA3	Y	-.005	1.667
15	MP GAMMA3	X	-.009	3.333
16	MP GAMMA3	X	-.009	1.667
17	MP ALPHA3	Y	-.006	6.833
18	MP ALPHA3	Y	-.006	5.167
19	MP ALPHA3	X	-.01	6.833
20	MP ALPHA3	X	-.01	5.167
21	MP GAMMA3	Y	-.008	6.833
22	MP GAMMA3	Y	-.008	5.167
23	MP GAMMA3	X	-.014	6.833
24	MP GAMMA3	X	-.014	5.167
25	MP ALPHA2	Y	-.047	6
26	MP ALPHA2	X	-.081	6
27	MP BETA2	Y	-.047	6
28	MP BETA2	X	-.081	6
29	MP GAMMA2	Y	-.074	6
30	MP GAMMA2	X	-.129	6
31	MP ALPHA4	Y	-.006	6
32	MP ALPHA4	X	-.01	6
33	MP BETA4	Y	-.006	6
34	MP BETA4	X	-.01	6
35	MP GAMMA4	Y	-.008	6
36	MP GAMMA4	X	-.014	6
37	MP ALPHA4	Y	-.005	6
38	MP ALPHA4	X	-.008	6
39	MP BETA4	Y	-.005	6
40	MP BETA4	X	-.008	6
41	MP GAMMA4	Y	-.006	6
42	MP GAMMA4	X	-.01	6
43	MP ALPHA2	Y	-.004	6
44	MP ALPHA2	X	-.007	6
45	MP BETA2	Y	-.004	6
46	MP BETA2	X	-.007	6
47	MP GAMMA2	Y	-.005	6
48	MP GAMMA2	X	-.01	6
49	MP ALPHA2	Y	-.004	6
50	MP ALPHA2	X	-.008	6
51	MP BETA2	Y	-.004	6
52	MP BETA2	X	-.008	6
53	MP GAMMA2	Y	-.005	6
54	MP GAMMA2	X	-.009	6
55	MP ALPHA2	Y	-.005	6
56	MP ALPHA2	X	-.009	6
57	MP BETA2	Y	-.005	6
58	MP BETA2	X	-.009	6
59	MP GAMMA2	Y	-.009	6
60	MP GAMMA2	X	-.015	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
61	MP ALPHA5	Y	-0.06	2
62	MP ALPHA5	X	-0.01	2
63	MP BETA5	Y	-0.06	2
64	MP BETA5	X	-0.01	2
65	MP GAMMA5	Y	-0.08	2
66	MP GAMMA5	X	-0.14	2
67	MP BETA4	Y	-0.17	8.5
68	MP BETA4	Y	-0.17	3.5
69	MP BETA4	X	-0.29	8.5
70	MP BETA4	X	-0.29	3.5
71	MP BETA3	Y	-0.03	3.333
72	MP BETA3	Y	-0.03	1.667
73	MP BETA3	X	-0.06	3.333
74	MP BETA3	X	-0.06	1.667
75	MP BETA3	Y	-0.05	6.833
76	MP BETA3	Y	-0.05	5.167
77	MP BETA3	X	-0.09	6.833
78	MP BETA3	X	-0.09	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA4	X	-0.03	8.5
2	MP ALPHA4	X	-0.03	3.5
3	MP GAMMA4	X	-0.056	8.5
4	MP GAMMA4	X	-0.056	3.5
5	MP ALPHA3	X	-0.006	3.333
6	MP ALPHA3	X	-0.006	1.667
7	MP GAMMA3	X	-0.01	3.333
8	MP GAMMA3	X	-0.01	1.667
9	MP ALPHA3	X	-0.009	6.833
10	MP ALPHA3	X	-0.009	5.167
11	MP GAMMA3	X	-0.015	6.833
12	MP GAMMA3	X	-0.015	5.167
13	MP ALPHA2	X	-0.076	6
14	MP BETA2	X	-0.131	6
15	MP GAMMA2	X	-0.131	6
16	MP ALPHA4	X	-0.011	6
17	MP BETA4	X	-0.014	6
18	MP GAMMA4	X	-0.014	6
19	MP ALPHA4	X	-0.009	6
20	MP BETA4	X	-0.011	6
21	MP GAMMA4	X	-0.011	6
22	MP ALPHA2	X	-0.007	6
23	MP BETA2	X	-0.01	6
24	MP GAMMA2	X	-0.01	6
25	MP ALPHA2	X	-0.009	6
26	MP BETA2	X	-0.01	6
27	MP GAMMA2	X	-0.01	6
28	MP ALPHA2	X	-0.009	6
29	MP BETA2	X	-0.015	6
30	MP GAMMA2	X	-0.015	6
31	MP ALPHA5	X	-0.012	2
32	MP BETA5	X	-0.012	2
33	MP GAMMA5	X	-0.016	2
34	MP BETA4	X	-0.051	8.5
35	MP BETA4	X	-0.051	3.5



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
36	MP BETA3	X	-.009	3.333
37	MP BETA3	X	-.009	1.667
38	MP BETA3	X	-.014	6.833
39	MP BETA3	X	-.014	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.019	8.5
2	MP ALPHA4	Y	.019	3.5
3	MP ALPHA4	X	-.033	8.5
4	MP ALPHA4	X	-.033	3.5
5	MP GAMMA4	Y	.019	8.5
6	MP GAMMA4	Y	.019	3.5
7	MP GAMMA4	X	-.033	8.5
8	MP GAMMA4	X	-.033	3.5
9	MP ALPHA3	Y	.004	3.333
10	MP ALPHA3	Y	.004	1.667
11	MP ALPHA3	X	-.006	3.333
12	MP ALPHA3	X	-.006	1.667
13	MP GAMMA3	Y	.004	3.333
14	MP GAMMA3	Y	.004	1.667
15	MP GAMMA3	X	-.006	3.333
16	MP GAMMA3	X	-.006	1.667
17	MP ALPHA3	Y	.006	6.833
18	MP ALPHA3	Y	.006	5.167
19	MP ALPHA3	X	-.01	6.833
20	MP ALPHA3	X	-.01	5.167
21	MP GAMMA3	Y	.006	6.833
22	MP GAMMA3	Y	.006	5.167
23	MP GAMMA3	X	-.01	6.833
24	MP GAMMA3	X	-.01	5.167
25	MP ALPHA2	Y	.047	6
26	MP ALPHA2	X	-.081	6
27	MP BETA2	Y	.074	6
28	MP BETA2	X	-.129	6
29	MP GAMMA2	Y	.047	6
30	MP GAMMA2	X	-.081	6
31	MP ALPHA4	Y	.006	6
32	MP ALPHA4	X	-.01	6
33	MP BETA4	Y	.008	6
34	MP BETA4	X	-.014	6
35	MP GAMMA4	Y	.006	6
36	MP GAMMA4	X	-.01	6
37	MP ALPHA4	Y	.005	6
38	MP ALPHA4	X	-.008	6
39	MP BETA4	Y	.006	6
40	MP BETA4	X	-.01	6
41	MP GAMMA4	Y	.005	6
42	MP GAMMA4	X	-.008	6
43	MP ALPHA2	Y	.004	6
44	MP ALPHA2	X	-.007	6
45	MP BETA2	Y	.005	6
46	MP BETA2	X	-.01	6
47	MP GAMMA2	Y	.004	6
48	MP GAMMA2	X	-.007	6
49	MP ALPHA2	Y	.004	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Point Loads (BLC 32 : Ice Wind Load (120)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
50	MP ALPHA2	X	-.008	6
51	MP BETA2	Y	.005	6
52	MP BETA2	X	-.009	6
53	MP GAMMA2	Y	.004	6
54	MP GAMMA2	X	-.008	6
55	MP ALPHA2	Y	.005	6
56	MP ALPHA2	X	-.009	6
57	MP BETA2	Y	.009	6
58	MP BETA2	X	-.015	6
59	MP GAMMA2	Y	.005	6
60	MP GAMMA2	X	-.009	6
61	MP ALPHA5	Y	.006	2
62	MP ALPHA5	X	-.01	2
63	MP BETA5	Y	.006	2
64	MP BETA5	X	-.01	2
65	MP GAMMA5	Y	.008	2
66	MP GAMMA5	X	-.014	2
67	MP BETA4	Y	.032	8.5
68	MP BETA4	Y	.032	3.5
69	MP BETA4	X	-.056	8.5
70	MP BETA4	X	-.056	3.5
71	MP BETA3	Y	.005	3.333
72	MP BETA3	Y	.005	1.667
73	MP BETA3	X	-.009	3.333
74	MP BETA3	X	-.009	1.667
75	MP BETA3	Y	.008	6.833
76	MP BETA3	Y	.008	5.167
77	MP BETA3	X	-.014	6.833
78	MP BETA3	X	-.014	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.049	8.5
2	MP ALPHA4	Y	.049	3.5
3	MP ALPHA4	X	-.028	8.5
4	MP ALPHA4	X	-.028	3.5
5	MP GAMMA4	Y	.026	8.5
6	MP GAMMA4	Y	.026	3.5
7	MP GAMMA4	X	-.015	8.5
8	MP GAMMA4	X	-.015	3.5
9	MP ALPHA3	Y	.008	3.333
10	MP ALPHA3	Y	.008	1.667
11	MP ALPHA3	X	-.005	3.333
12	MP ALPHA3	X	-.005	1.667
13	MP GAMMA3	Y	.005	3.333
14	MP GAMMA3	Y	.005	1.667
15	MP GAMMA3	X	-.003	3.333
16	MP GAMMA3	X	-.003	1.667
17	MP ALPHA3	Y	.013	6.833
18	MP ALPHA3	Y	.013	5.167
19	MP ALPHA3	X	-.007	6.833
20	MP ALPHA3	X	-.007	5.167
21	MP GAMMA3	Y	.008	6.833
22	MP GAMMA3	Y	.008	5.167
23	MP GAMMA3	X	-.005	6.833
24	MP GAMMA3	X	-.005	5.167



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
25	MP ALPHA2	Y	.113	6
26	MP ALPHA2	X	-.065	6
27	MP BETA2	Y	.113	6
28	MP BETA2	X	-.065	6
29	MP GAMMA2	Y	.066	6
30	MP GAMMA2	X	-.038	6
31	MP ALPHA4	Y	.012	6
32	MP ALPHA4	X	-.007	6
33	MP BETA4	Y	.012	6
34	MP BETA4	X	-.007	6
35	MP GAMMA4	Y	.009	6
36	MP GAMMA4	X	-.005	6
37	MP ALPHA4	Y	.009	6
38	MP ALPHA4	X	-.005	6
39	MP BETA4	Y	.009	6
40	MP BETA4	X	-.005	6
41	MP GAMMA4	Y	.008	6
42	MP GAMMA4	X	-.004	6
43	MP ALPHA2	Y	.009	6
44	MP ALPHA2	X	-.005	6
45	MP BETA2	Y	.009	6
46	MP BETA2	X	-.005	6
47	MP GAMMA2	Y	.006	6
48	MP GAMMA2	X	-.004	6
49	MP ALPHA2	Y	.008	6
50	MP ALPHA2	X	-.005	6
51	MP BETA2	Y	.008	6
52	MP BETA2	X	-.005	6
53	MP GAMMA2	Y	.007	6
54	MP GAMMA2	X	-.004	6
55	MP ALPHA2	Y	.013	6
56	MP ALPHA2	X	-.007	6
57	MP BETA2	Y	.013	6
58	MP BETA2	X	-.007	6
59	MP GAMMA2	Y	.007	6
60	MP GAMMA2	X	-.004	6
61	MP ALPHA5	Y	.01	2
62	MP ALPHA5	X	-.006	2
63	MP BETA5	Y	.01	2
64	MP BETA5	X	-.006	2
65	MP GAMMA5	Y	.014	2
66	MP GAMMA5	X	-.008	2
67	MP BETA4	Y	.053	8.5
68	MP BETA4	Y	.053	3.5
69	MP BETA4	X	-.03	8.5
70	MP BETA4	X	-.03	3.5
71	MP BETA3	Y	.009	3.333
72	MP BETA3	Y	.009	1.667
73	MP BETA3	X	-.005	3.333
74	MP BETA3	X	-.005	1.667
75	MP BETA3	Y	.014	6.833
76	MP BETA3	Y	.014	5.167
77	MP BETA3	X	-.008	6.833
78	MP BETA3	X	-.008	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
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Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
1	MP ALPHA4	Y	.065	8.5
2	MP ALPHA4	Y	.065	3.5
3	MP GAMMA4	Y	.039	8.5
4	MP GAMMA4	Y	.039	3.5
5	MP ALPHA3	Y	.011	3.333
6	MP ALPHA3	Y	.011	1.667
7	MP GAMMA3	Y	.007	3.333
8	MP GAMMA3	Y	.007	1.667
9	MP ALPHA3	Y	.017	6.833
10	MP ALPHA3	Y	.017	5.167
11	MP GAMMA3	Y	.011	6.833
12	MP GAMMA3	Y	.011	5.167
13	MP ALPHA2	Y	.149	6
14	MP BETA2	Y	.094	6
15	MP GAMMA2	Y	.094	6
16	MP ALPHA4	Y	.016	6
17	MP BETA4	Y	.012	6
18	MP GAMMA4	Y	.012	6
19	MP ALPHA4	Y	.012	6
20	MP BETA4	Y	.01	6
21	MP GAMMA4	Y	.01	6
22	MP ALPHA2	Y	.011	6
23	MP BETA2	Y	.008	6
24	MP GAMMA2	Y	.008	6
25	MP ALPHA2	Y	.01	6
26	MP BETA2	Y	.009	6
27	MP GAMMA2	Y	.009	6
28	MP ALPHA2	Y	.017	6
29	MP BETA2	Y	.011	6
30	MP GAMMA2	Y	.011	6
31	MP ALPHA5	Y	.012	2
32	MP BETA5	Y	.012	2
33	MP GAMMA5	Y	.016	2
34	MP BETA4	Y	.044	8.5
35	MP BETA4	Y	.044	3.5
36	MP BETA3	Y	.008	3.333
37	MP BETA3	Y	.008	1.667
38	MP BETA3	Y	.013	6.833
39	MP BETA3	Y	.013	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
1	MP ALPHA4	Y	.049	8.5
2	MP ALPHA4	Y	.049	3.5
3	MP ALPHA4	X	.028	8.5
4	MP ALPHA4	X	.028	3.5
5	MP GAMMA4	Y	.049	8.5
6	MP GAMMA4	Y	.049	3.5
7	MP GAMMA4	X	.028	8.5
8	MP GAMMA4	X	.028	3.5
9	MP ALPHA3	Y	.008	3.333
10	MP ALPHA3	Y	.008	1.667
11	MP ALPHA3	X	.005	3.333
12	MP ALPHA3	X	.005	1.667
13	MP GAMMA3	Y	.008	3.333
14	MP GAMMA3	Y	.008	1.667



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
15	MP GAMMA3	X	.005	3.333
16	MP GAMMA3	X	.005	1.667
17	MP ALPHA3	Y	.013	6.833
18	MP ALPHA3	Y	.013	5.167
19	MP ALPHA3	X	.007	6.833
20	MP ALPHA3	X	.007	5.167
21	MP GAMMA3	Y	.013	6.833
22	MP GAMMA3	Y	.013	5.167
23	MP GAMMA3	X	.007	6.833
24	MP GAMMA3	X	.007	5.167
25	MP ALPHA2	Y	.113	6
26	MP ALPHA2	X	.065	6
27	MP BETA2	Y	.066	6
28	MP BETA2	X	.038	6
29	MP GAMMA2	Y	.113	6
30	MP GAMMA2	X	.065	6
31	MP ALPHA4	Y	.012	6
32	MP ALPHA4	X	.007	6
33	MP BETA4	Y	.009	6
34	MP BETA4	X	.005	6
35	MP GAMMA4	Y	.012	6
36	MP GAMMA4	X	.007	6
37	MP ALPHA4	Y	.009	6
38	MP ALPHA4	X	.005	6
39	MP BETA4	Y	.008	6
40	MP BETA4	X	.004	6
41	MP GAMMA4	Y	.009	6
42	MP GAMMA4	X	.005	6
43	MP ALPHA2	Y	.009	6
44	MP ALPHA2	X	.005	6
45	MP BETA2	Y	.006	6
46	MP BETA2	X	.004	6
47	MP GAMMA2	Y	.009	6
48	MP GAMMA2	X	.005	6
49	MP ALPHA2	Y	.008	6
50	MP ALPHA2	X	.005	6
51	MP BETA2	Y	.007	6
52	MP BETA2	X	.004	6
53	MP GAMMA2	Y	.008	6
54	MP GAMMA2	X	.005	6
55	MP ALPHA2	Y	.013	6
56	MP ALPHA2	X	.007	6
57	MP BETA2	Y	.007	6
58	MP BETA2	X	.004	6
59	MP GAMMA2	Y	.013	6
60	MP GAMMA2	X	.007	6
61	MP ALPHA5	Y	.01	2
62	MP ALPHA5	X	.006	2
63	MP BETA5	Y	.01	2
64	MP BETA5	X	.006	2
65	MP GAMMA5	Y	.014	2
66	MP GAMMA5	X	.008	2
67	MP BETA4	Y	.026	8.5
68	MP BETA4	Y	.026	3.5
69	MP BETA4	X	.015	8.5
70	MP BETA4	X	.015	3.5
71	MP BETA3	Y	.005	3.333



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
72	MP BETA3	Y	.005	1.667
73	MP BETA3	X	.003	3.333
74	MP BETA3	X	.003	1.667
75	MP BETA3	Y	.008	6.833
76	MP BETA3	Y	.008	5.167
77	MP BETA3	X	.005	6.833
78	MP BETA3	X	.005	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	Y	.019	8.5
2	MP ALPHA4	Y	.019	3.5
3	MP ALPHA4	X	.033	8.5
4	MP ALPHA4	X	.033	3.5
5	MP GAMMA4	Y	.032	8.5
6	MP GAMMA4	Y	.032	3.5
7	MP GAMMA4	X	.056	8.5
8	MP GAMMA4	X	.056	3.5
9	MP ALPHA3	Y	.004	3.333
10	MP ALPHA3	Y	.004	1.667
11	MP ALPHA3	X	.006	3.333
12	MP ALPHA3	X	.006	1.667
13	MP GAMMA3	Y	.005	3.333
14	MP GAMMA3	Y	.005	1.667
15	MP GAMMA3	X	.009	3.333
16	MP GAMMA3	X	.009	1.667
17	MP ALPHA3	Y	.006	6.833
18	MP ALPHA3	Y	.006	5.167
19	MP ALPHA3	X	.01	6.833
20	MP ALPHA3	X	.01	5.167
21	MP GAMMA3	Y	.008	6.833
22	MP GAMMA3	Y	.008	5.167
23	MP GAMMA3	X	.014	6.833
24	MP GAMMA3	X	.014	5.167
25	MP ALPHA2	Y	.047	6
26	MP ALPHA2	X	.081	6
27	MP BETA2	Y	.047	6
28	MP BETA2	X	.081	6
29	MP GAMMA2	Y	.074	6
30	MP GAMMA2	X	.129	6
31	MP ALPHA4	Y	.006	6
32	MP ALPHA4	X	.01	6
33	MP BETA4	Y	.006	6
34	MP BETA4	X	.01	6
35	MP GAMMA4	Y	.008	6
36	MP GAMMA4	X	.014	6
37	MP ALPHA4	Y	.005	6
38	MP ALPHA4	X	.008	6
39	MP BETA4	Y	.005	6
40	MP BETA4	X	.008	6
41	MP GAMMA4	Y	.006	6
42	MP GAMMA4	X	.01	6
43	MP ALPHA2	Y	.004	6
44	MP ALPHA2	X	.007	6
45	MP BETA2	Y	.004	6
46	MP BETA2	X	.007	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
47	MP GAMMA2	Y	.005	6
48	MP GAMMA2	X	.01	6
49	MP ALPHA2	Y	.004	6
50	MP ALPHA2	X	.008	6
51	MP BETA2	Y	.004	6
52	MP BETA2	X	.008	6
53	MP GAMMA2	Y	.005	6
54	MP GAMMA2	X	.009	6
55	MP ALPHA2	Y	.005	6
56	MP ALPHA2	X	.009	6
57	MP BETA2	Y	.005	6
58	MP BETA2	X	.009	6
59	MP GAMMA2	Y	.009	6
60	MP GAMMA2	X	.015	6
61	MP ALPHA5	Y	.006	2
62	MP ALPHA5	X	.01	2
63	MP BETA5	Y	.006	2
64	MP BETA5	X	.01	2
65	MP GAMMA5	Y	.008	2
66	MP GAMMA5	X	.014	2
67	MP BETA4	Y	.017	8.5
68	MP BETA4	Y	.017	3.5
69	MP BETA4	X	.029	8.5
70	MP BETA4	X	.029	3.5
71	MP BETA3	Y	.003	3.333
72	MP BETA3	Y	.003	1.667
73	MP BETA3	X	.006	3.333
74	MP BETA3	X	.006	1.667
75	MP BETA3	Y	.005	6.833
76	MP BETA3	Y	.005	5.167
77	MP BETA3	X	.009	6.833
78	MP BETA3	X	.009	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
1	MP ALPHA4	X	.03	8.5
2	MP ALPHA4	X	.03	3.5
3	MP GAMMA4	X	.056	8.5
4	MP GAMMA4	X	.056	3.5
5	MP ALPHA3	X	.006	3.333
6	MP ALPHA3	X	.006	1.667
7	MP GAMMA3	X	.01	3.333
8	MP GAMMA3	X	.01	1.667
9	MP ALPHA3	X	.009	6.833
10	MP ALPHA3	X	.009	5.167
11	MP GAMMA3	X	.015	6.833
12	MP GAMMA3	X	.015	5.167
13	MP ALPHA2	X	.076	6
14	MP BETA2	X	.131	6
15	MP GAMMA2	X	.131	6
16	MP ALPHA4	X	.011	6
17	MP BETA4	X	.014	6
18	MP GAMMA4	X	.014	6
19	MP ALPHA4	X	.009	6
20	MP BETA4	X	.011	6
21	MP GAMMA4	X	.011	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
22	MP ALPHA2	X	.007	6
23	MP BETA2	X	.01	6
24	MP GAMMA2	X	.01	6
25	MP ALPHA2	X	.009	6
26	MP BETA2	X	.01	6
27	MP GAMMA2	X	.01	6
28	MP ALPHA2	X	.009	6
29	MP BETA2	X	.015	6
30	MP GAMMA2	X	.015	6
31	MP ALPHA5	X	.012	2
32	MP BETA5	X	.012	2
33	MP GAMMA5	X	.016	2
34	MP BETA4	X	.051	8.5
35	MP BETA4	X	.051	3.5
36	MP BETA3	X	.009	3.333
37	MP BETA3	X	.009	1.667
38	MP BETA3	X	.014	6.833
39	MP BETA3	X	.014	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.019	8.5
2	MP ALPHA4	Y	-.019	3.5
3	MP ALPHA4	X	.033	8.5
4	MP ALPHA4	X	.033	3.5
5	MP GAMMA4	Y	-.019	8.5
6	MP GAMMA4	Y	-.019	3.5
7	MP GAMMA4	X	.033	8.5
8	MP GAMMA4	X	.033	3.5
9	MP ALPHA3	Y	-.004	3.333
10	MP ALPHA3	Y	-.004	1.667
11	MP ALPHA3	X	.006	3.333
12	MP ALPHA3	X	.006	1.667
13	MP GAMMA3	Y	-.004	3.333
14	MP GAMMA3	Y	-.004	1.667
15	MP GAMMA3	X	.006	3.333
16	MP GAMMA3	X	.006	1.667
17	MP ALPHA3	Y	-.006	6.833
18	MP ALPHA3	Y	-.006	5.167
19	MP ALPHA3	X	.01	6.833
20	MP ALPHA3	X	.01	5.167
21	MP GAMMA3	Y	-.006	6.833
22	MP GAMMA3	Y	-.006	5.167
23	MP GAMMA3	X	.01	6.833
24	MP GAMMA3	X	.01	5.167
25	MP ALPHA2	Y	-.047	6
26	MP ALPHA2	X	.081	6
27	MP BETA2	Y	-.074	6
28	MP BETA2	X	.129	6
29	MP GAMMA2	Y	-.047	6
30	MP GAMMA2	X	.081	6
31	MP ALPHA4	Y	-.006	6
32	MP ALPHA4	X	.01	6
33	MP BETA4	Y	-.008	6
34	MP BETA4	X	.014	6
35	MP GAMMA4	Y	-.006	6



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
36	MP GAMMA4	X	.01	6
37	MP ALPHA4	Y	-.005	6
38	MP ALPHA4	X	.008	6
39	MP BETA4	Y	-.006	6
40	MP BETA4	X	.01	6
41	MP GAMMA4	Y	-.005	6
42	MP GAMMA4	X	.008	6
43	MP ALPHA2	Y	-.004	6
44	MP ALPHA2	X	.007	6
45	MP BETA2	Y	-.005	6
46	MP BETA2	X	.01	6
47	MP GAMMA2	Y	-.004	6
48	MP GAMMA2	X	.007	6
49	MP ALPHA2	Y	-.004	6
50	MP ALPHA2	X	.008	6
51	MP BETA2	Y	-.005	6
52	MP BETA2	X	.009	6
53	MP GAMMA2	Y	-.004	6
54	MP GAMMA2	X	.008	6
55	MP ALPHA2	Y	-.005	6
56	MP ALPHA2	X	.009	6
57	MP BETA2	Y	-.009	6
58	MP BETA2	X	.015	6
59	MP GAMMA2	Y	-.005	6
60	MP GAMMA2	X	.009	6
61	MP ALPHA5	Y	-.006	2
62	MP ALPHA5	X	.01	2
63	MP BETA5	Y	-.006	2
64	MP BETA5	X	.01	2
65	MP GAMMA5	Y	-.008	2
66	MP GAMMA5	X	.014	2
67	MP BETA4	Y	-.032	8.5
68	MP BETA4	Y	-.032	3.5
69	MP BETA4	X	.056	8.5
70	MP BETA4	X	.056	3.5
71	MP BETA3	Y	-.005	3.333
72	MP BETA3	Y	-.005	1.667
73	MP BETA3	X	.009	3.333
74	MP BETA3	X	.009	1.667
75	MP BETA3	Y	-.008	6.833
76	MP BETA3	Y	-.008	5.167
77	MP BETA3	X	.014	6.833
78	MP BETA3	X	.014	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-.049	8.5
2	MP ALPHA4	Y	-.049	3.5
3	MP ALPHA4	X	.028	8.5
4	MP ALPHA4	X	.028	3.5
5	MP GAMMA4	Y	-.026	8.5
6	MP GAMMA4	Y	-.026	3.5
7	MP GAMMA4	X	.015	8.5
8	MP GAMMA4	X	.015	3.5
9	MP ALPHA3	Y	-.008	3.333
10	MP ALPHA3	Y	-.008	1.667



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
11	MP ALPHA3	X	.005	3.333
12	MP ALPHA3	X	.005	1.667
13	MP GAMMA3	Y	-.005	3.333
14	MP GAMMA3	Y	-.005	1.667
15	MP GAMMA3	X	.003	3.333
16	MP GAMMA3	X	.003	1.667
17	MP ALPHA3	Y	-.013	6.833
18	MP ALPHA3	Y	-.013	5.167
19	MP ALPHA3	X	.007	6.833
20	MP ALPHA3	X	.007	5.167
21	MP GAMMA3	Y	-.008	6.833
22	MP GAMMA3	Y	-.008	5.167
23	MP GAMMA3	X	.005	6.833
24	MP GAMMA3	X	.005	5.167
25	MP ALPHA2	Y	-.113	6
26	MP ALPHA2	X	.065	6
27	MP BETA2	Y	-.113	6
28	MP BETA2	X	.065	6
29	MP GAMMA2	Y	-.066	6
30	MP GAMMA2	X	.038	6
31	MP ALPHA4	Y	-.012	6
32	MP ALPHA4	X	.007	6
33	MP BETA4	Y	-.012	6
34	MP BETA4	X	.007	6
35	MP GAMMA4	Y	-.009	6
36	MP GAMMA4	X	.005	6
37	MP ALPHA4	Y	-.009	6
38	MP ALPHA4	X	.005	6
39	MP BETA4	Y	-.009	6
40	MP BETA4	X	.005	6
41	MP GAMMA4	Y	-.008	6
42	MP GAMMA4	X	.004	6
43	MP ALPHA2	Y	-.009	6
44	MP ALPHA2	X	.005	6
45	MP BETA2	Y	-.009	6
46	MP BETA2	X	.005	6
47	MP GAMMA2	Y	-.006	6
48	MP GAMMA2	X	.004	6
49	MP ALPHA2	Y	-.008	6
50	MP ALPHA2	X	.005	6
51	MP BETA2	Y	-.008	6
52	MP BETA2	X	.005	6
53	MP GAMMA2	Y	-.007	6
54	MP GAMMA2	X	.004	6
55	MP ALPHA2	Y	-.013	6
56	MP ALPHA2	X	.007	6
57	MP BETA2	Y	-.013	6
58	MP BETA2	X	.007	6
59	MP GAMMA2	Y	-.007	6
60	MP GAMMA2	X	.004	6
61	MP ALPHA5	Y	-.01	2
62	MP ALPHA5	X	.006	2
63	MP BETA5	Y	-.01	2
64	MP BETA5	X	.006	2
65	MP GAMMA5	Y	-.014	2
66	MP GAMMA5	X	.008	2
67	MP BETA4	Y	-.053	8.5



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
68	MP BETA4	Y	-.053	3.5
69	MP BETA4	X	.03	8.5
70	MP BETA4	X	.03	3.5
71	MP BETA3	Y	-.009	3.333
72	MP BETA3	Y	-.009	1.667
73	MP BETA3	X	.005	3.333
74	MP BETA3	X	.005	1.667
75	MP BETA3	Y	-.014	6.833
76	MP BETA3	Y	-.014	5.167
77	MP BETA3	X	.008	6.833
78	MP BETA3	X	.008	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA4	X	-.005	8.5
2	MP ALPHA4	X	-.005	3.5
3	MP GAMMA4	X	-.005	8.5
4	MP GAMMA4	X	-.005	3.5
5	MP ALPHA3	X	-.002	3.333
6	MP ALPHA3	X	-.002	1.667
7	MP GAMMA3	X	-.002	3.333
8	MP GAMMA3	X	-.002	1.667
9	MP ALPHA3	X	-.004	6.833
10	MP ALPHA3	X	-.004	5.167
11	MP GAMMA3	X	-.004	6.833
12	MP GAMMA3	X	-.004	5.167
13	MP ALPHA2	X	-.014	6
14	MP BETA2	X	-.014	6
15	MP GAMMA2	X	-.014	6
16	MP ALPHA4	X	-.005	6
17	MP BETA4	X	-.005	6
18	MP GAMMA4	X	-.005	6
19	MP ALPHA4	X	-.007	6
20	MP BETA4	X	-.007	6
21	MP GAMMA4	X	-.007	6
22	MP ALPHA2	X	-.006	6
23	MP BETA2	X	-.006	6
24	MP GAMMA2	X	-.006	6
25	MP ALPHA2	X	-.007	6
26	MP BETA2	X	-.007	6
27	MP GAMMA2	X	-.007	6
28	MP ALPHA2	X	-.005	6
29	MP BETA2	X	-.005	6
30	MP GAMMA2	X	-.005	6
31	MP ALPHA5	X	-.002	2
32	MP BETA5	X	-.002	2
33	MP GAMMA5	X	-.002	2
34	MP BETA4	X	-.005	8.5
35	MP BETA4	X	-.005	3.5
36	MP BETA3	X	-.002	3.333
37	MP BETA3	X	-.002	1.667
38	MP BETA3	X	-.004	6.833
39	MP BETA3	X	-.004	5.167

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
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Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA4	Y	-0.005	8.5
2	MP ALPHA4	Y	-0.005	3.5
3	MP GAMMA4	Y	-0.005	8.5
4	MP GAMMA4	Y	-0.005	3.5
5	MP ALPHA3	Y	-0.002	3.333
6	MP ALPHA3	Y	-0.002	1.667
7	MP GAMMA3	Y	-0.002	3.333
8	MP GAMMA3	Y	-0.002	1.667
9	MP ALPHA3	Y	-0.004	6.833
10	MP ALPHA3	Y	-0.004	5.167
11	MP GAMMA3	Y	-0.004	6.833
12	MP GAMMA3	Y	-0.004	5.167
13	MP ALPHA2	Y	-0.014	6
14	MP BETA2	Y	-0.014	6
15	MP GAMMA2	Y	-0.014	6
16	MP ALPHA4	Y	-0.005	6
17	MP BETA4	Y	-0.005	6
18	MP GAMMA4	Y	-0.005	6
19	MP ALPHA4	Y	-0.007	6
20	MP BETA4	Y	-0.007	6
21	MP GAMMA4	Y	-0.007	6
22	MP ALPHA2	Y	-0.006	6
23	MP BETA2	Y	-0.006	6
24	MP GAMMA2	Y	-0.006	6
25	MP ALPHA2	Y	-0.007	6
26	MP BETA2	Y	-0.007	6
27	MP GAMMA2	Y	-0.007	6
28	MP ALPHA2	Y	-0.005	6
29	MP BETA2	Y	-0.005	6
30	MP GAMMA2	Y	-0.005	6
31	MP ALPHA5	Y	-0.002	2
32	MP BETA5	Y	-0.002	2
33	MP GAMMA5	Y	-0.002	2
34	MP BETA4	Y	-0.005	8.5
35	MP BETA4	Y	-0.005	3.5
36	MP BETA3	Y	-0.002	3.333
37	MP BETA3	Y	-0.002	1.667
38	MP BETA3	Y	-0.004	6.833
39	MP BETA3	Y	-0.004	5.167

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

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA4	Z	-0.002	8.5
2	MP ALPHA4	Z	-0.002	3.5
3	MP GAMMA4	Z	-0.002	8.5
4	MP GAMMA4	Z	-0.002	3.5
5	MP ALPHA3	Z	-.000831	3.333
6	MP ALPHA3	Z	-.000831	1.667
7	MP GAMMA3	Z	-.000831	3.333
8	MP GAMMA3	Z	-.000831	1.667
9	MP ALPHA3	Z	-0.002	6.833
10	MP ALPHA3	Z	-0.002	5.167
11	MP GAMMA3	Z	-0.002	6.833
12	MP GAMMA3	Z	-0.002	5.167
13	MP ALPHA2	Z	-0.006	6
14	MP BETA2	Z	-0.006	6

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
15	MP GAMMA2	Z	-0.006	6
16	MP ALPHA4	Z	-0.002	6
17	MP BETA4	Z	-0.002	6
18	MP GAMMA4	Z	-0.002	6
19	MP ALPHA4	Z	-0.003	6
20	MP BETA4	Z	-0.003	6
21	MP GAMMA4	Z	-0.003	6
22	MP ALPHA2	Z	-0.002	6
23	MP BETA2	Z	-0.002	6
24	MP GAMMA2	Z	-0.002	6
25	MP ALPHA2	Z	-0.003	6
26	MP BETA2	Z	-0.003	6
27	MP GAMMA2	Z	-0.003	6
28	MP ALPHA2	Z	-0.002	6
29	MP BETA2	Z	-0.002	6
30	MP GAMMA2	Z	-0.002	6
31	MP ALPHA5	Z	-0.000714	2
32	MP BETA5	Z	-0.000714	2
33	MP GAMMA5	Z	-0.000699	2
34	MP BETA4	Z	-0.002	8.5
35	MP BETA4	Z	-0.002	3.5
36	MP BETA3	Z	-0.000831	3.333
37	MP BETA3	Z	-0.000831	1.667
38	MP BETA3	Z	-0.002	6.833
39	MP BETA3	Z	-0.002	5.167

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	VERT12	PY	-0.000804	-0.000804	0	0
2	VERT11	PY	-0.000804	-0.000804	0	0
3	VERT10	PY	-0.000804	-0.000804	0	0
4	VERT9	PY	-0.000804	-0.000804	0	0
5	VERT8	PY	-0.000804	-0.000804	0	0
6	VERT7	PY	-0.000804	-0.000804	0	0
7	VERT6	PY	-0.000804	-0.000804	0	0
8	VERT5	PY	-0.000804	-0.000804	0	0
9	VERT4	PY	-0.000804	-0.000804	0	0
10	VERT3	PY	-0.000804	-0.000804	0	0
11	VERT2	PY	-0.000804	-0.000804	0	0
12	VERT1	PY	-0.000804	-0.000804	0	0
13	TIEBACK3	PY	-0.002	-0.002	0	0
14	TIEBACK2	PY	-0.002	-0.002	0	0
15	TIEBACK1	PY	-0.002	-0.002	0	0
16	PIPE3	PY	-0.005	-0.005	0	0
17	PIPE2	PY	-0.005	-0.005	0	0
18	PIPE1	PY	-0.005	-0.005	0	0
19	MP GAMMA5	PY	-0.009	-0.009	0	0
20	MP GAMMA4	PY	-0.009	-0.009	0	0
21	MP GAMMA3	PY	-0.009	-0.009	0	0
22	MP GAMMA2	PY	-0.009	-0.009	0	0
23	MP BETA5	PY	-0.009	-0.009	0	0
24	MP BETA4	PY	-0.009	-0.009	0	0
25	MP BETA3	PY	-0.009	-0.009	0	0
26	MP BETA2	PY	-0.009	-0.009	0	0
27	MP ALPHA5	PY	-0.009	-0.009	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
28	MP ALPHA4	PY	-0.009	-0.009	0	0
29	MP ALPHA3	PY	-0.009	-0.009	0	0
30	MP ALPHA2	PY	-0.009	-0.009	0	0
31	KICKER12	PY	-0.003	-0.003	0	0
32	KICKER11	PY	-0.003	-0.003	0	0
33	KICKER10	PY	-0.003	-0.003	0	0
34	KICKER9	PY	-0.003	-0.003	0	0
35	KICKER8	PY	-0.003	-0.003	0	0
36	KICKER7	PY	-0.003	-0.003	0	0
37	KICKER6	PY	-0.003	-0.003	0	0
38	KICKER5	PY	-0.003	-0.003	0	0
39	KICKER4	PY	-0.003	-0.003	0	0
40	KICKER3	PY	-0.003	-0.003	0	0
41	KICKER2	PY	-0.003	-0.003	0	0
42	KICKER1	PY	-0.003	-0.003	0	0
43	FP12	PY	-0.001	-0.001	0	0
44	FP11	PY	-0.001	-0.001	0	0
45	FP10	PY	-0.001	-0.001	0	0
46	FP9	PY	-0.001	-0.001	0	0
47	FP8	PY	-0.001	-0.001	0	0
48	FP7	PY	-0.001	-0.001	0	0
49	FP6	PY	-0.001	-0.001	0	0
50	FP5	PY	-0.001	-0.001	0	0
51	FP4	PY	-0.001	-0.001	0	0
52	FP3	PY	-0.001	-0.001	0	0
53	FP2	PY	-0.001	-0.001	0	0
54	FP1	PY	-0.001	-0.001	0	0
55	FACE3B	PY	-0.005	-0.005	0	0
56	FACE3A	PY	-0.005	-0.005	0	0
57	FACE2B	PY	-0.005	-0.005	0	0
58	FACE2A	PY	-0.005	-0.005	0	0
59	FACE1B	PY	-0.003	-0.003	0	0
60	FACE1A	PY	-0.003	-0.003	0	0
61	DIAG6	PY	-0.000804	-0.000804	0	0
62	DIAG5	PY	-0.000804	-0.000804	0	0
63	DIAG4	PY	-0.000804	-0.000804	0	0
64	DIAG3	PY	-0.000804	-0.000804	0	0
65	DIAG2	PY	-0.000804	-0.000804	0	0
66	DIAG1	PY	-0.000804	-0.000804	0	0
67	BP36	PY	-0.012	-0.012	0	0
68	BP35	PY	-0.012	-0.012	0	0
69	BP34	PY	-0.012	-0.012	0	0
70	BP33	PY	-0.012	-0.012	0	0
71	BP32	PY	-0.012	-0.012	0	0
72	BP31	PY	-0.012	-0.012	0	0
73	BP30	PY	-0.012	-0.012	0	0
74	BP29	PY	-0.012	-0.012	0	0
75	BP28	PY	-0.012	-0.012	0	0
76	BP27	PY	-0.012	-0.012	0	0
77	BP26	PY	-0.012	-0.012	0	0
78	BP25	PY	-0.012	-0.012	0	0
79	BP24	PY	-0.012	-0.012	0	0
80	BP23	PY	-0.012	-0.012	0	0
81	BP22	PY	-0.012	-0.012	0	0
82	BP21	PY	-0.012	-0.012	0	0
83	BP20	PY	-0.012	-0.012	0	0
84	BP19	PY	-0.012	-0.012	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]
85	BP18	PY	-0.012	-0.012	0	0
86	BP17	PY	-0.012	-0.012	0	0
87	BP16	PY	-0.012	-0.012	0	0
88	BP15	PY	-0.012	-0.012	0	0
89	BP14	PY	-0.012	-0.012	0	0
90	BP13	PY	-0.012	-0.012	0	0
91	BP12	PY	-0.012	-0.012	0	0
92	BP11	PY	-0.012	-0.012	0	0
93	BP10	PY	-0.012	-0.012	0	0
94	BP9	PY	-0.012	-0.012	0	0
95	BP8	PY	-0.012	-0.012	0	0
96	BP7	PY	-0.012	-0.012	0	0
97	BP6	PY	-0.012	-0.012	0	0
98	BP5	PY	-0.012	-0.012	0	0
99	BP4	PY	-0.012	-0.012	0	0
100	BP3	PY	-0.012	-0.012	0	0
101	BP2	PY	-0.012	-0.012	0	0
102	BP1	PY	-0.012	-0.012	0	0
103	BACK6	PY	-0.002	-0.002	0	0
104	BACK5	PY	-0.002	-0.002	0	0
105	BACK4	PY	-0.002	-0.002	0	0
106	BACK3	PY	-0.002	-0.002	0	0
107	BACK2	PY	-0.002	-0.002	0	0
108	BACK1	PY	-0.002	-0.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	VERT12	PY	-0.000696	-0.000696	0	0
2	VERT11	PY	-0.000696	-0.000696	0	0
3	VERT10	PY	-0.000696	-0.000696	0	0
4	VERT9	PY	-0.000696	-0.000696	0	0
5	VERT8	PY	-0.000696	-0.000696	0	0
6	VERT7	PY	-0.000696	-0.000696	0	0
7	VERT6	PY	-0.000696	-0.000696	0	0
8	VERT5	PY	-0.000696	-0.000696	0	0
9	VERT4	PY	-0.000696	-0.000696	0	0
10	VERT3	PY	-0.000696	-0.000696	0	0
11	VERT2	PY	-0.000696	-0.000696	0	0
12	VERT1	PY	-0.000696	-0.000696	0	0
13	TIEBACK3	PY	-0.002	-0.002	0	0
14	TIEBACK2	PY	-0.002	-0.002	0	0
15	TIEBACK1	PY	-0.002	-0.002	0	0
16	PIPE3	PY	-0.004	-0.004	0	0
17	PIPE2	PY	-0.004	-0.004	0	0
18	PIPE1	PY	-0.004	-0.004	0	0
19	MP GAMMA5	PY	-0.007	-0.007	0	0
20	MP GAMMA4	PY	-0.007	-0.007	0	0
21	MP GAMMA3	PY	-0.007	-0.007	0	0
22	MP GAMMA2	PY	-0.007	-0.007	0	0
23	MP BETA5	PY	-0.007	-0.007	0	0
24	MP BETA4	PY	-0.007	-0.007	0	0
25	MP BETA3	PY	-0.007	-0.007	0	0
26	MP BETA2	PY	-0.007	-0.007	0	0
27	MP ALPHA5	PY	-0.007	-0.007	0	0
28	MP ALPHA4	PY	-0.007	-0.007	0	0
29	MP ALPHA3	PY	-0.007	-0.007	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
30	MP ALPHA2	PY	-0.007	-0.007	0	0
31	KICKER12	PY	-0.002	-0.002	0	0
32	KICKER11	PY	-0.002	-0.002	0	0
33	KICKER10	PY	-0.002	-0.002	0	0
34	KICKER9	PY	-0.002	-0.002	0	0
35	KICKER8	PY	-0.002	-0.002	0	0
36	KICKER7	PY	-0.002	-0.002	0	0
37	KICKER6	PY	-0.002	-0.002	0	0
38	KICKER5	PY	-0.002	-0.002	0	0
39	KICKER4	PY	-0.002	-0.002	0	0
40	KICKER3	PY	-0.002	-0.002	0	0
41	KICKER2	PY	-0.002	-0.002	0	0
42	KICKER1	PY	-0.002	-0.002	0	0
43	FP12	PY	-0.000986	-0.000986	0	0
44	FP11	PY	-0.000986	-0.000986	0	0
45	FP10	PY	-0.000986	-0.000986	0	0
46	FP9	PY	-0.000986	-0.000986	0	0
47	FP8	PY	-0.000986	-0.000986	0	0
48	FP7	PY	-0.000986	-0.000986	0	0
49	FP6	PY	-0.000986	-0.000986	0	0
50	FP5	PY	-0.000986	-0.000986	0	0
51	FP4	PY	-0.000986	-0.000986	0	0
52	FP3	PY	-0.000986	-0.000986	0	0
53	FP2	PY	-0.000986	-0.000986	0	0
54	FP1	PY	-0.000986	-0.000986	0	0
55	FACE3B	PY	-0.004	-0.004	0	0
56	FACE3A	PY	-0.004	-0.004	0	0
57	FACE2B	PY	-0.004	-0.004	0	0
58	FACE2A	PY	-0.004	-0.004	0	0
59	FACE1B	PY	-0.002	-0.002	0	0
60	FACE1A	PY	-0.002	-0.002	0	0
61	DIAG6	PY	-0.000696	-0.000696	0	0
62	DIAG5	PY	-0.000696	-0.000696	0	0
63	DIAG4	PY	-0.000696	-0.000696	0	0
64	DIAG3	PY	-0.000696	-0.000696	0	0
65	DIAG2	PY	-0.000696	-0.000696	0	0
66	DIAG1	PY	-0.000696	-0.000696	0	0
67	BP36	PY	-0.011	-0.011	0	0
68	BP35	PY	-0.011	-0.011	0	0
69	BP34	PY	-0.011	-0.011	0	0
70	BP33	PY	-0.011	-0.011	0	0
71	BP32	PY	-0.011	-0.011	0	0
72	BP31	PY	-0.011	-0.011	0	0
73	BP30	PY	-0.011	-0.011	0	0
74	BP29	PY	-0.011	-0.011	0	0
75	BP28	PY	-0.011	-0.011	0	0
76	BP27	PY	-0.011	-0.011	0	0
77	BP26	PY	-0.011	-0.011	0	0
78	BP25	PY	-0.011	-0.011	0	0
79	BP24	PY	-0.011	-0.011	0	0
80	BP23	PY	-0.011	-0.011	0	0
81	BP22	PY	-0.011	-0.011	0	0
82	BP21	PY	-0.011	-0.011	0	0
83	BP20	PY	-0.011	-0.011	0	0
84	BP19	PY	-0.011	-0.011	0	0
85	BP18	PY	-0.011	-0.011	0	0
86	BP17	PY	-0.011	-0.011	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
87	BP16	PY	-0.11	-0.11	0	0
88	BP15	PY	-0.11	-0.11	0	0
89	BP14	PY	-0.11	-0.11	0	0
90	BP13	PY	-0.11	-0.11	0	0
91	BP12	PY	-0.11	-0.11	0	0
92	BP11	PY	-0.11	-0.11	0	0
93	BP10	PY	-0.11	-0.11	0	0
94	BP9	PY	-0.11	-0.11	0	0
95	BP8	PY	-0.11	-0.11	0	0
96	BP7	PY	-0.11	-0.11	0	0
97	BP6	PY	-0.11	-0.11	0	0
98	BP5	PY	-0.11	-0.11	0	0
99	BP4	PY	-0.11	-0.11	0	0
100	BP3	PY	-0.11	-0.11	0	0
101	BP2	PY	-0.11	-0.11	0	0
102	BP1	PY	-0.11	-0.11	0	0
103	BACK6	PY	-0.001	-0.001	0	0
104	BACK5	PY	-0.001	-0.001	0	0
105	BACK4	PY	-0.001	-0.001	0	0
106	BACK3	PY	-0.001	-0.001	0	0
107	BACK2	PY	-0.001	-0.001	0	0
108	BACK1	PY	-0.001	-0.001	0	0
109	VERT12	PX	-0.000402	-0.000402	0	0
110	VERT11	PX	-0.000402	-0.000402	0	0
111	VERT10	PX	-0.000402	-0.000402	0	0
112	VERT9	PX	-0.000402	-0.000402	0	0
113	VERT8	PX	-0.000402	-0.000402	0	0
114	VERT7	PX	-0.000402	-0.000402	0	0
115	VERT6	PX	-0.000402	-0.000402	0	0
116	VERT5	PX	-0.000402	-0.000402	0	0
117	VERT4	PX	-0.000402	-0.000402	0	0
118	VERT3	PX	-0.000402	-0.000402	0	0
119	VERT2	PX	-0.000402	-0.000402	0	0
120	VERT1	PX	-0.000402	-0.000402	0	0
121	TIEBACK3	PX	-0.001	-0.001	0	0
122	TIEBACK2	PX	-0.001	-0.001	0	0
123	TIEBACK1	PX	-0.001	-0.001	0	0
124	PIPE3	PX	-0.002	-0.002	0	0
125	PIPE2	PX	-0.002	-0.002	0	0
126	PIPE1	PX	-0.002	-0.002	0	0
127	MP GAMMA5	PX	-0.004	-0.004	0	0
128	MP GAMMA4	PX	-0.004	-0.004	0	0
129	MP GAMMA3	PX	-0.004	-0.004	0	0
130	MP GAMMA2	PX	-0.004	-0.004	0	0
131	MP BETA5	PX	-0.004	-0.004	0	0
132	MP BETA4	PX	-0.004	-0.004	0	0
133	MP BETA3	PX	-0.004	-0.004	0	0
134	MP BETA2	PX	-0.004	-0.004	0	0
135	MP ALPHA5	PX	-0.004	-0.004	0	0
136	MP ALPHA4	PX	-0.004	-0.004	0	0
137	MP ALPHA3	PX	-0.004	-0.004	0	0
138	MP ALPHA2	PX	-0.004	-0.004	0	0
139	KICKER12	PX	-0.001	-0.001	0	0
140	KICKER11	PX	-0.001	-0.001	0	0
141	KICKER10	PX	-0.001	-0.001	0	0
142	KICKER9	PX	-0.001	-0.001	0	0
143	KICKER8	PX	-0.001	-0.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
144	KICKER7	PX	-0.001	-0.001	0	0
145	KICKER6	PX	-0.001	-0.001	0	0
146	KICKER5	PX	-0.001	-0.001	0	0
147	KICKER4	PX	-0.001	-0.001	0	0
148	KICKER3	PX	-0.001	-0.001	0	0
149	KICKER2	PX	-0.001	-0.001	0	0
150	KICKER1	PX	-0.001	-0.001	0	0
151	FP12	PX	-0.000569	-0.000569	0	0
152	FP11	PX	-0.000569	-0.000569	0	0
153	FP10	PX	-0.000569	-0.000569	0	0
154	FP9	PX	-0.000569	-0.000569	0	0
155	FP8	PX	-0.000569	-0.000569	0	0
156	FP7	PX	-0.000569	-0.000569	0	0
157	FP6	PX	-0.000569	-0.000569	0	0
158	FP5	PX	-0.000569	-0.000569	0	0
159	FP4	PX	-0.000569	-0.000569	0	0
160	FP3	PX	-0.000569	-0.000569	0	0
161	FP2	PX	-0.000569	-0.000569	0	0
162	FP1	PX	-0.000569	-0.000569	0	0
163	FACE3B	PX	-0.003	-0.003	0	0
164	FACE3A	PX	-0.003	-0.003	0	0
165	FACE2B	PX	-0.003	-0.003	0	0
166	FACE2A	PX	-0.003	-0.003	0	0
167	FACE1B	PX	-0.001	-0.001	0	0
168	FACE1A	PX	-0.001	-0.001	0	0
169	DIAG6	PX	-0.000402	-0.000402	0	0
170	DIAG5	PX	-0.000402	-0.000402	0	0
171	DIAG4	PX	-0.000402	-0.000402	0	0
172	DIAG3	PX	-0.000402	-0.000402	0	0
173	DIAG2	PX	-0.000402	-0.000402	0	0
174	DIAG1	PX	-0.000402	-0.000402	0	0
175	BP36	PX	-0.006	-0.006	0	0
176	BP35	PX	-0.006	-0.006	0	0
177	BP34	PX	-0.006	-0.006	0	0
178	BP33	PX	-0.006	-0.006	0	0
179	BP32	PX	-0.006	-0.006	0	0
180	BP31	PX	-0.006	-0.006	0	0
181	BP30	PX	-0.006	-0.006	0	0
182	BP29	PX	-0.006	-0.006	0	0
183	BP28	PX	-0.006	-0.006	0	0
184	BP27	PX	-0.006	-0.006	0	0
185	BP26	PX	-0.006	-0.006	0	0
186	BP25	PX	-0.006	-0.006	0	0
187	BP24	PX	-0.006	-0.006	0	0
188	BP23	PX	-0.006	-0.006	0	0
189	BP22	PX	-0.006	-0.006	0	0
190	BP21	PX	-0.006	-0.006	0	0
191	BP20	PX	-0.006	-0.006	0	0
192	BP19	PX	-0.006	-0.006	0	0
193	BP18	PX	-0.006	-0.006	0	0
194	BP17	PX	-0.006	-0.006	0	0
195	BP16	PX	-0.006	-0.006	0	0
196	BP15	PX	-0.006	-0.006	0	0
197	BP14	PX	-0.006	-0.006	0	0
198	BP13	PX	-0.006	-0.006	0	0
199	BP12	PX	-0.006	-0.006	0	0
200	BP11	PX	-0.006	-0.006	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
201	BP10	PX	-0.006	-0.006	0	0
202	BP9	PX	-0.006	-0.006	0	0
203	BP8	PX	-0.006	-0.006	0	0
204	BP7	PX	-0.006	-0.006	0	0
205	BP6	PX	-0.006	-0.006	0	0
206	BP5	PX	-0.006	-0.006	0	0
207	BP4	PX	-0.006	-0.006	0	0
208	BP3	PX	-0.006	-0.006	0	0
209	BP2	PX	-0.006	-0.006	0	0
210	BP1	PX	-0.006	-0.006	0	0
211	BACK6	PX	-0.000759	-0.000759	0	0
212	BACK5	PX	-0.000759	-0.000759	0	0
213	BACK4	PX	-0.000759	-0.000759	0	0
214	BACK3	PX	-0.000759	-0.000759	0	0
215	BACK2	PX	-0.000759	-0.000759	0	0
216	BACK1	PX	-0.000759	-0.000759	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	-0.000402	-0.000402	0	0
2	VERT11	PY	-0.000402	-0.000402	0	0
3	VERT10	PY	-0.000402	-0.000402	0	0
4	VERT9	PY	-0.000402	-0.000402	0	0
5	VERT8	PY	-0.000402	-0.000402	0	0
6	VERT7	PY	-0.000402	-0.000402	0	0
7	VERT6	PY	-0.000402	-0.000402	0	0
8	VERT5	PY	-0.000402	-0.000402	0	0
9	VERT4	PY	-0.000402	-0.000402	0	0
10	VERT3	PY	-0.000402	-0.000402	0	0
11	VERT2	PY	-0.000402	-0.000402	0	0
12	VERT1	PY	-0.000402	-0.000402	0	0
13	TIEBACK3	PY	-0.001	-0.001	0	0
14	TIEBACK2	PY	-0.001	-0.001	0	0
15	TIEBACK1	PY	-0.001	-0.001	0	0
16	PIPE3	PY	-0.002	-0.002	0	0
17	PIPE2	PY	-0.002	-0.002	0	0
18	PIPE1	PY	-0.002	-0.002	0	0
19	MP GAMMA5	PY	-0.004	-0.004	0	0
20	MP GAMMA4	PY	-0.004	-0.004	0	0
21	MP GAMMA3	PY	-0.004	-0.004	0	0
22	MP GAMMA2	PY	-0.004	-0.004	0	0
23	MP BETA5	PY	-0.004	-0.004	0	0
24	MP BETA4	PY	-0.004	-0.004	0	0
25	MP BETA3	PY	-0.004	-0.004	0	0
26	MP BETA2	PY	-0.004	-0.004	0	0
27	MP ALPHA5	PY	-0.004	-0.004	0	0
28	MP ALPHA4	PY	-0.004	-0.004	0	0
29	MP ALPHA3	PY	-0.004	-0.004	0	0
30	MP ALPHA2	PY	-0.004	-0.004	0	0
31	KICKER12	PY	-0.001	-0.001	0	0
32	KICKER11	PY	-0.001	-0.001	0	0
33	KICKER10	PY	-0.001	-0.001	0	0
34	KICKER9	PY	-0.001	-0.001	0	0
35	KICKER8	PY	-0.001	-0.001	0	0
36	KICKER7	PY	-0.001	-0.001	0	0
37	KICKER6	PY	-0.001	-0.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
38	KICKER5	PY	-0.001	-0.001	0	0
39	KICKER4	PY	-0.001	-0.001	0	0
40	KICKER3	PY	-0.001	-0.001	0	0
41	KICKER2	PY	-0.001	-0.001	0	0
42	KICKER1	PY	-0.001	-0.001	0	0
43	FP12	PY	-0.000569	-0.000569	0	0
44	FP11	PY	-0.000569	-0.000569	0	0
45	FP10	PY	-0.000569	-0.000569	0	0
46	FP9	PY	-0.000569	-0.000569	0	0
47	FP8	PY	-0.000569	-0.000569	0	0
48	FP7	PY	-0.000569	-0.000569	0	0
49	FP6	PY	-0.000569	-0.000569	0	0
50	FP5	PY	-0.000569	-0.000569	0	0
51	FP4	PY	-0.000569	-0.000569	0	0
52	FP3	PY	-0.000569	-0.000569	0	0
53	FP2	PY	-0.000569	-0.000569	0	0
54	FP1	PY	-0.000569	-0.000569	0	0
55	FACE3B	PY	-0.003	-0.003	0	0
56	FACE3A	PY	-0.003	-0.003	0	0
57	FACE2B	PY	-0.003	-0.003	0	0
58	FACE2A	PY	-0.003	-0.003	0	0
59	FACE1B	PY	-0.001	-0.001	0	0
60	FACE1A	PY	-0.001	-0.001	0	0
61	DIAG6	PY	-0.000402	-0.000402	0	0
62	DIAG5	PY	-0.000402	-0.000402	0	0
63	DIAG4	PY	-0.000402	-0.000402	0	0
64	DIAG3	PY	-0.000402	-0.000402	0	0
65	DIAG2	PY	-0.000402	-0.000402	0	0
66	DIAG1	PY	-0.000402	-0.000402	0	0
67	BP36	PY	-0.006	-0.006	0	0
68	BP35	PY	-0.006	-0.006	0	0
69	BP34	PY	-0.006	-0.006	0	0
70	BP33	PY	-0.006	-0.006	0	0
71	BP32	PY	-0.006	-0.006	0	0
72	BP31	PY	-0.006	-0.006	0	0
73	BP30	PY	-0.006	-0.006	0	0
74	BP29	PY	-0.006	-0.006	0	0
75	BP28	PY	-0.006	-0.006	0	0
76	BP27	PY	-0.006	-0.006	0	0
77	BP26	PY	-0.006	-0.006	0	0
78	BP25	PY	-0.006	-0.006	0	0
79	BP24	PY	-0.006	-0.006	0	0
80	BP23	PY	-0.006	-0.006	0	0
81	BP22	PY	-0.006	-0.006	0	0
82	BP21	PY	-0.006	-0.006	0	0
83	BP20	PY	-0.006	-0.006	0	0
84	BP19	PY	-0.006	-0.006	0	0
85	BP18	PY	-0.006	-0.006	0	0
86	BP17	PY	-0.006	-0.006	0	0
87	BP16	PY	-0.006	-0.006	0	0
88	BP15	PY	-0.006	-0.006	0	0
89	BP14	PY	-0.006	-0.006	0	0
90	BP13	PY	-0.006	-0.006	0	0
91	BP12	PY	-0.006	-0.006	0	0
92	BP11	PY	-0.006	-0.006	0	0
93	BP10	PY	-0.006	-0.006	0	0
94	BP9	PY	-0.006	-0.006	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
95	BP8	PY	-0.006	-0.006	0	0
96	BP7	PY	-0.006	-0.006	0	0
97	BP6	PY	-0.006	-0.006	0	0
98	BP5	PY	-0.006	-0.006	0	0
99	BP4	PY	-0.006	-0.006	0	0
100	BP3	PY	-0.006	-0.006	0	0
101	BP2	PY	-0.006	-0.006	0	0
102	BP1	PY	-0.006	-0.006	0	0
103	BACK6	PY	-0.000759	-0.000759	0	0
104	BACK5	PY	-0.000759	-0.000759	0	0
105	BACK4	PY	-0.000759	-0.000759	0	0
106	BACK3	PY	-0.000759	-0.000759	0	0
107	BACK2	PY	-0.000759	-0.000759	0	0
108	BACK1	PY	-0.000759	-0.000759	0	0
109	VERT12	PX	-0.000696	-0.000696	0	0
110	VERT11	PX	-0.000696	-0.000696	0	0
111	VERT10	PX	-0.000696	-0.000696	0	0
112	VERT9	PX	-0.000696	-0.000696	0	0
113	VERT8	PX	-0.000696	-0.000696	0	0
114	VERT7	PX	-0.000696	-0.000696	0	0
115	VERT6	PX	-0.000696	-0.000696	0	0
116	VERT5	PX	-0.000696	-0.000696	0	0
117	VERT4	PX	-0.000696	-0.000696	0	0
118	VERT3	PX	-0.000696	-0.000696	0	0
119	VERT2	PX	-0.000696	-0.000696	0	0
120	VERT1	PX	-0.000696	-0.000696	0	0
121	TIEBACK3	PX	-0.002	-0.002	0	0
122	TIEBACK2	PX	-0.002	-0.002	0	0
123	TIEBACK1	PX	-0.002	-0.002	0	0
124	PIPE3	PX	-0.004	-0.004	0	0
125	PIPE2	PX	-0.004	-0.004	0	0
126	PIPE1	PX	-0.004	-0.004	0	0
127	MP GAMMA5	PX	-0.007	-0.007	0	0
128	MP GAMMA4	PX	-0.007	-0.007	0	0
129	MP GAMMA3	PX	-0.007	-0.007	0	0
130	MP GAMMA2	PX	-0.007	-0.007	0	0
131	MP BETA5	PX	-0.007	-0.007	0	0
132	MP BETA4	PX	-0.007	-0.007	0	0
133	MP BETA3	PX	-0.007	-0.007	0	0
134	MP BETA2	PX	-0.007	-0.007	0	0
135	MP ALPHA5	PX	-0.007	-0.007	0	0
136	MP ALPHA4	PX	-0.007	-0.007	0	0
137	MP ALPHA3	PX	-0.007	-0.007	0	0
138	MP ALPHA2	PX	-0.007	-0.007	0	0
139	KICKER12	PX	-0.002	-0.002	0	0
140	KICKER11	PX	-0.002	-0.002	0	0
141	KICKER10	PX	-0.002	-0.002	0	0
142	KICKER9	PX	-0.002	-0.002	0	0
143	KICKER8	PX	-0.002	-0.002	0	0
144	KICKER7	PX	-0.002	-0.002	0	0
145	KICKER6	PX	-0.002	-0.002	0	0
146	KICKER5	PX	-0.002	-0.002	0	0
147	KICKER4	PX	-0.002	-0.002	0	0
148	KICKER3	PX	-0.002	-0.002	0	0
149	KICKER2	PX	-0.002	-0.002	0	0
150	KICKER1	PX	-0.002	-0.002	0	0
151	FP12	PX	-0.000986	-0.000986	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
152	FP11	PX	-0.00986	-0.00986	0	0
153	FP10	PX	-0.00986	-0.00986	0	0
154	FP9	PX	-0.00986	-0.00986	0	0
155	FP8	PX	-0.00986	-0.00986	0	0
156	FP7	PX	-0.00986	-0.00986	0	0
157	FP6	PX	-0.00986	-0.00986	0	0
158	FP5	PX	-0.00986	-0.00986	0	0
159	FP4	PX	-0.00986	-0.00986	0	0
160	FP3	PX	-0.00986	-0.00986	0	0
161	FP2	PX	-0.00986	-0.00986	0	0
162	FP1	PX	-0.00986	-0.00986	0	0
163	FACE3B	PX	-0.004	-0.004	0	0
164	FACE3A	PX	-0.004	-0.004	0	0
165	FACE2B	PX	-0.004	-0.004	0	0
166	FACE2A	PX	-0.004	-0.004	0	0
167	FACE1B	PX	-0.002	-0.002	0	0
168	FACE1A	PX	-0.002	-0.002	0	0
169	DIAG6	PX	-0.00696	-0.00696	0	0
170	DIAG5	PX	-0.00696	-0.00696	0	0
171	DIAG4	PX	-0.00696	-0.00696	0	0
172	DIAG3	PX	-0.00696	-0.00696	0	0
173	DIAG2	PX	-0.00696	-0.00696	0	0
174	DIAG1	PX	-0.00696	-0.00696	0	0
175	BP36	PX	-0.011	-0.011	0	0
176	BP35	PX	-0.011	-0.011	0	0
177	BP34	PX	-0.011	-0.011	0	0
178	BP33	PX	-0.011	-0.011	0	0
179	BP32	PX	-0.011	-0.011	0	0
180	BP31	PX	-0.011	-0.011	0	0
181	BP30	PX	-0.011	-0.011	0	0
182	BP29	PX	-0.011	-0.011	0	0
183	BP28	PX	-0.011	-0.011	0	0
184	BP27	PX	-0.011	-0.011	0	0
185	BP26	PX	-0.011	-0.011	0	0
186	BP25	PX	-0.011	-0.011	0	0
187	BP24	PX	-0.011	-0.011	0	0
188	BP23	PX	-0.011	-0.011	0	0
189	BP22	PX	-0.011	-0.011	0	0
190	BP21	PX	-0.011	-0.011	0	0
191	BP20	PX	-0.011	-0.011	0	0
192	BP19	PX	-0.011	-0.011	0	0
193	BP18	PX	-0.011	-0.011	0	0
194	BP17	PX	-0.011	-0.011	0	0
195	BP16	PX	-0.011	-0.011	0	0
196	BP15	PX	-0.011	-0.011	0	0
197	BP14	PX	-0.011	-0.011	0	0
198	BP13	PX	-0.011	-0.011	0	0
199	BP12	PX	-0.011	-0.011	0	0
200	BP11	PX	-0.011	-0.011	0	0
201	BP10	PX	-0.011	-0.011	0	0
202	BP9	PX	-0.011	-0.011	0	0
203	BP8	PX	-0.011	-0.011	0	0
204	BP7	PX	-0.011	-0.011	0	0
205	BP6	PX	-0.011	-0.011	0	0
206	BP5	PX	-0.011	-0.011	0	0
207	BP4	PX	-0.011	-0.011	0	0
208	BP3	PX	-0.011	-0.011	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 5 : Wind Load (60)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
209	BP2	PX	-.011	-.011	0	0
210	BP1	PX	-.011	-.011	0	0
211	BACK6	PX	-.001	-.001	0	0
212	BACK5	PX	-.001	-.001	0	0
213	BACK4	PX	-.001	-.001	0	0
214	BACK3	PX	-.001	-.001	0	0
215	BACK2	PX	-.001	-.001	0	0
216	BACK1	PX	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PX	-.000804	-.000804	0	0
2	VERT11	PX	-.000804	-.000804	0	0
3	VERT10	PX	-.000804	-.000804	0	0
4	VERT9	PX	-.000804	-.000804	0	0
5	VERT8	PX	-.000804	-.000804	0	0
6	VERT7	PX	-.000804	-.000804	0	0
7	VERT6	PX	-.000804	-.000804	0	0
8	VERT5	PX	-.000804	-.000804	0	0
9	VERT4	PX	-.000804	-.000804	0	0
10	VERT3	PX	-.000804	-.000804	0	0
11	VERT2	PX	-.000804	-.000804	0	0
12	VERT1	PX	-.000804	-.000804	0	0
13	TIEBACK3	PX	-.002	-.002	0	0
14	TIEBACK2	PX	-.002	-.002	0	0
15	TIEBACK1	PX	-.002	-.002	0	0
16	PIPE3	PX	-.005	-.005	0	0
17	PIPE2	PX	-.005	-.005	0	0
18	PIPE1	PX	-.005	-.005	0	0
19	MP GAMMA5	PX	-.009	-.009	0	0
20	MP GAMMA4	PX	-.009	-.009	0	0
21	MP GAMMA3	PX	-.009	-.009	0	0
22	MP GAMMA2	PX	-.009	-.009	0	0
23	MP BETA5	PX	-.009	-.009	0	0
24	MP BETA4	PX	-.009	-.009	0	0
25	MP BETA3	PX	-.009	-.009	0	0
26	MP BETA2	PX	-.009	-.009	0	0
27	MP ALPHA5	PX	-.009	-.009	0	0
28	MP ALPHA4	PX	-.009	-.009	0	0
29	MP ALPHA3	PX	-.009	-.009	0	0
30	MP ALPHA2	PX	-.009	-.009	0	0
31	KICKER12	PX	-.003	-.003	0	0
32	KICKER11	PX	-.003	-.003	0	0
33	KICKER10	PX	-.003	-.003	0	0
34	KICKER9	PX	-.003	-.003	0	0
35	KICKER8	PX	-.003	-.003	0	0
36	KICKER7	PX	-.003	-.003	0	0
37	KICKER6	PX	-.003	-.003	0	0
38	KICKER5	PX	-.003	-.003	0	0
39	KICKER4	PX	-.003	-.003	0	0
40	KICKER3	PX	-.003	-.003	0	0
41	KICKER2	PX	-.003	-.003	0	0
42	KICKER1	PX	-.003	-.003	0	0
43	FP12	PX	-.001	-.001	0	0
44	FP11	PX	-.001	-.001	0	0
45	FP10	PX	-.001	-.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
46	FP9	PX	-0.001	-0.001	0	0
47	FP8	PX	-0.001	-0.001	0	0
48	FP7	PX	-0.001	-0.001	0	0
49	FP6	PX	-0.001	-0.001	0	0
50	FP5	PX	-0.001	-0.001	0	0
51	FP4	PX	-0.001	-0.001	0	0
52	FP3	PX	-0.001	-0.001	0	0
53	FP2	PX	-0.001	-0.001	0	0
54	FP1	PX	-0.001	-0.001	0	0
55	FACE3B	PX	-0.005	-0.005	0	0
56	FACE3A	PX	-0.005	-0.005	0	0
57	FACE1B	PX	-0.005	-0.005	0	0
58	FACE1A	PX	-0.005	-0.005	0	0
59	FACE2B	PX	-0.003	-0.003	0	0
60	FACE2A	PX	-0.003	-0.003	0	0
61	DIAG6	PX	-0.000804	-0.000804	0	0
62	DIAG5	PX	-0.000804	-0.000804	0	0
63	DIAG4	PX	-0.000804	-0.000804	0	0
64	DIAG3	PX	-0.000804	-0.000804	0	0
65	DIAG2	PX	-0.000804	-0.000804	0	0
66	DIAG1	PX	-0.000804	-0.000804	0	0
67	BP36	PX	-0.012	-0.012	0	0
68	BP35	PX	-0.012	-0.012	0	0
69	BP34	PX	-0.012	-0.012	0	0
70	BP33	PX	-0.012	-0.012	0	0
71	BP32	PX	-0.012	-0.012	0	0
72	BP31	PX	-0.012	-0.012	0	0
73	BP30	PX	-0.012	-0.012	0	0
74	BP29	PX	-0.012	-0.012	0	0
75	BP28	PX	-0.012	-0.012	0	0
76	BP27	PX	-0.012	-0.012	0	0
77	BP26	PX	-0.012	-0.012	0	0
78	BP25	PX	-0.012	-0.012	0	0
79	BP24	PX	-0.012	-0.012	0	0
80	BP23	PX	-0.012	-0.012	0	0
81	BP22	PX	-0.012	-0.012	0	0
82	BP21	PX	-0.012	-0.012	0	0
83	BP20	PX	-0.012	-0.012	0	0
84	BP19	PX	-0.012	-0.012	0	0
85	BP18	PX	-0.012	-0.012	0	0
86	BP17	PX	-0.012	-0.012	0	0
87	BP16	PX	-0.012	-0.012	0	0
88	BP15	PX	-0.012	-0.012	0	0
89	BP14	PX	-0.012	-0.012	0	0
90	BP13	PX	-0.012	-0.012	0	0
91	BP12	PX	-0.012	-0.012	0	0
92	BP11	PX	-0.012	-0.012	0	0
93	BP10	PX	-0.012	-0.012	0	0
94	BP9	PX	-0.012	-0.012	0	0
95	BP8	PX	-0.012	-0.012	0	0
96	BP7	PX	-0.012	-0.012	0	0
97	BP6	PX	-0.012	-0.012	0	0
98	BP5	PX	-0.012	-0.012	0	0
99	BP4	PX	-0.012	-0.012	0	0
100	BP3	PX	-0.012	-0.012	0	0
101	BP2	PX	-0.012	-0.012	0	0
102	BP1	PX	-0.012	-0.012	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 6 : Wind Load (90)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
103	BACK6	PX	-.002	-.002	0	0
104	BACK5	PX	-.002	-.002	0	0
105	BACK4	PX	-.002	-.002	0	0
106	BACK3	PX	-.002	-.002	0	0
107	BACK2	PX	-.002	-.002	0	0
108	BACK1	PX	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	.000402	.000402	0	0
2	VERT11	PY	.000402	.000402	0	0
3	VERT10	PY	.000402	.000402	0	0
4	VERT9	PY	.000402	.000402	0	0
5	VERT8	PY	.000402	.000402	0	0
6	VERT7	PY	.000402	.000402	0	0
7	VERT6	PY	.000402	.000402	0	0
8	VERT5	PY	.000402	.000402	0	0
9	VERT4	PY	.000402	.000402	0	0
10	VERT3	PY	.000402	.000402	0	0
11	VERT2	PY	.000402	.000402	0	0
12	VERT1	PY	.000402	.000402	0	0
13	TIEBACK3	PY	.001	.001	0	0
14	TIEBACK2	PY	.001	.001	0	0
15	TIEBACK1	PY	.001	.001	0	0
16	PIPE3	PY	.002	.002	0	0
17	PIPE2	PY	.002	.002	0	0
18	PIPE1	PY	.002	.002	0	0
19	MP GAMMA5	PY	.004	.004	0	0
20	MP GAMMA4	PY	.004	.004	0	0
21	MP GAMMA3	PY	.004	.004	0	0
22	MP GAMMA2	PY	.004	.004	0	0
23	MP BETA5	PY	.004	.004	0	0
24	MP BETA4	PY	.004	.004	0	0
25	MP BETA3	PY	.004	.004	0	0
26	MP BETA2	PY	.004	.004	0	0
27	MP ALPHA5	PY	.004	.004	0	0
28	MP ALPHA4	PY	.004	.004	0	0
29	MP ALPHA3	PY	.004	.004	0	0
30	MP ALPHA2	PY	.004	.004	0	0
31	KICKER12	PY	.001	.001	0	0
32	KICKER11	PY	.001	.001	0	0
33	KICKER10	PY	.001	.001	0	0
34	KICKER9	PY	.001	.001	0	0
35	KICKER8	PY	.001	.001	0	0
36	KICKER7	PY	.001	.001	0	0
37	KICKER6	PY	.001	.001	0	0
38	KICKER5	PY	.001	.001	0	0
39	KICKER4	PY	.001	.001	0	0
40	KICKER3	PY	.001	.001	0	0
41	KICKER2	PY	.001	.001	0	0
42	KICKER1	PY	.001	.001	0	0
43	FP12	PY	.000569	.000569	0	0
44	FP11	PY	.000569	.000569	0	0
45	FP10	PY	.000569	.000569	0	0
46	FP9	PY	.000569	.000569	0	0
47	FP8	PY	.000569	.000569	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 7 : Wind Load (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
48	FP7	PY	.000569	.000569	0	0
49	FP6	PY	.000569	.000569	0	0
50	FP5	PY	.000569	.000569	0	0
51	FP4	PY	.000569	.000569	0	0
52	FP3	PY	.000569	.000569	0	0
53	FP2	PY	.000569	.000569	0	0
54	FP1	PY	.000569	.000569	0	0
55	FACE3B	PY	.003	.003	0	0
56	FACE3A	PY	.003	.003	0	0
57	FACE1B	PY	.003	.003	0	0
58	FACE1A	PY	.003	.003	0	0
59	FACE2B	PY	.001	.001	0	0
60	FACE2A	PY	.001	.001	0	0
61	DIAG6	PY	.000402	.000402	0	0
62	DIAG5	PY	.000402	.000402	0	0
63	DIAG4	PY	.000402	.000402	0	0
64	DIAG3	PY	.000402	.000402	0	0
65	DIAG2	PY	.000402	.000402	0	0
66	DIAG1	PY	.000402	.000402	0	0
67	BP36	PY	.006	.006	0	0
68	BP35	PY	.006	.006	0	0
69	BP34	PY	.006	.006	0	0
70	BP33	PY	.006	.006	0	0
71	BP32	PY	.006	.006	0	0
72	BP31	PY	.006	.006	0	0
73	BP30	PY	.006	.006	0	0
74	BP29	PY	.006	.006	0	0
75	BP28	PY	.006	.006	0	0
76	BP27	PY	.006	.006	0	0
77	BP26	PY	.006	.006	0	0
78	BP25	PY	.006	.006	0	0
79	BP24	PY	.006	.006	0	0
80	BP23	PY	.006	.006	0	0
81	BP22	PY	.006	.006	0	0
82	BP21	PY	.006	.006	0	0
83	BP20	PY	.006	.006	0	0
84	BP19	PY	.006	.006	0	0
85	BP18	PY	.006	.006	0	0
86	BP17	PY	.006	.006	0	0
87	BP16	PY	.006	.006	0	0
88	BP15	PY	.006	.006	0	0
89	BP14	PY	.006	.006	0	0
90	BP13	PY	.006	.006	0	0
91	BP12	PY	.006	.006	0	0
92	BP11	PY	.006	.006	0	0
93	BP10	PY	.006	.006	0	0
94	BP9	PY	.006	.006	0	0
95	BP8	PY	.006	.006	0	0
96	BP7	PY	.006	.006	0	0
97	BP6	PY	.006	.006	0	0
98	BP5	PY	.006	.006	0	0
99	BP4	PY	.006	.006	0	0
100	BP3	PY	.006	.006	0	0
101	BP2	PY	.006	.006	0	0
102	BP1	PY	.006	.006	0	0
103	BACK6	PY	.000759	.000759	0	0
104	BACK5	PY	.000759	.000759	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
105	BACK4	PY	.000759	.000759	0	0
106	BACK3	PY	.000759	.000759	0	0
107	BACK2	PY	.000759	.000759	0	0
108	BACK1	PY	.000759	.000759	0	0
109	VERT12	PX	-.000696	-.000696	0	0
110	VERT11	PX	-.000696	-.000696	0	0
111	VERT10	PX	-.000696	-.000696	0	0
112	VERT9	PX	-.000696	-.000696	0	0
113	VERT8	PX	-.000696	-.000696	0	0
114	VERT7	PX	-.000696	-.000696	0	0
115	VERT6	PX	-.000696	-.000696	0	0
116	VERT5	PX	-.000696	-.000696	0	0
117	VERT4	PX	-.000696	-.000696	0	0
118	VERT3	PX	-.000696	-.000696	0	0
119	VERT2	PX	-.000696	-.000696	0	0
120	VERT1	PX	-.000696	-.000696	0	0
121	TIEBACK3	PX	-.002	-.002	0	0
122	TIEBACK2	PX	-.002	-.002	0	0
123	TIEBACK1	PX	-.002	-.002	0	0
124	PIPE3	PX	-.004	-.004	0	0
125	PIPE2	PX	-.004	-.004	0	0
126	PIPE1	PX	-.004	-.004	0	0
127	MP GAMMA5	PX	-.007	-.007	0	0
128	MP GAMMA4	PX	-.007	-.007	0	0
129	MP GAMMA3	PX	-.007	-.007	0	0
130	MP GAMMA2	PX	-.007	-.007	0	0
131	MP BETA5	PX	-.007	-.007	0	0
132	MP BETA4	PX	-.007	-.007	0	0
133	MP BETA3	PX	-.007	-.007	0	0
134	MP BETA2	PX	-.007	-.007	0	0
135	MP ALPHA5	PX	-.007	-.007	0	0
136	MP ALPHA4	PX	-.007	-.007	0	0
137	MP ALPHA3	PX	-.007	-.007	0	0
138	MP ALPHA2	PX	-.007	-.007	0	0
139	KICKER12	PX	-.002	-.002	0	0
140	KICKER11	PX	-.002	-.002	0	0
141	KICKER10	PX	-.002	-.002	0	0
142	KICKER9	PX	-.002	-.002	0	0
143	KICKER8	PX	-.002	-.002	0	0
144	KICKER7	PX	-.002	-.002	0	0
145	KICKER6	PX	-.002	-.002	0	0
146	KICKER5	PX	-.002	-.002	0	0
147	KICKER4	PX	-.002	-.002	0	0
148	KICKER3	PX	-.002	-.002	0	0
149	KICKER2	PX	-.002	-.002	0	0
150	KICKER1	PX	-.002	-.002	0	0
151	FP12	PX	-.000986	-.000986	0	0
152	FP11	PX	-.000986	-.000986	0	0
153	FP10	PX	-.000986	-.000986	0	0
154	FP9	PX	-.000986	-.000986	0	0
155	FP8	PX	-.000986	-.000986	0	0
156	FP7	PX	-.000986	-.000986	0	0
157	FP6	PX	-.000986	-.000986	0	0
158	FP5	PX	-.000986	-.000986	0	0
159	FP4	PX	-.000986	-.000986	0	0
160	FP3	PX	-.000986	-.000986	0	0
161	FP2	PX	-.000986	-.000986	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
162	FP1	PX	-0.00986	-0.00986	0	0
163	FACE3B	PX	-0.004	-0.004	0	0
164	FACE3A	PX	-0.004	-0.004	0	0
165	FACE1B	PX	-0.004	-0.004	0	0
166	FACE1A	PX	-0.004	-0.004	0	0
167	FACE2B	PX	-0.002	-0.002	0	0
168	FACE2A	PX	-0.002	-0.002	0	0
169	DIAG6	PX	-0.00696	-0.00696	0	0
170	DIAG5	PX	-0.00696	-0.00696	0	0
171	DIAG4	PX	-0.00696	-0.00696	0	0
172	DIAG3	PX	-0.00696	-0.00696	0	0
173	DIAG2	PX	-0.00696	-0.00696	0	0
174	DIAG1	PX	-0.00696	-0.00696	0	0
175	BP36	PX	-0.011	-0.011	0	0
176	BP35	PX	-0.011	-0.011	0	0
177	BP34	PX	-0.011	-0.011	0	0
178	BP33	PX	-0.011	-0.011	0	0
179	BP32	PX	-0.011	-0.011	0	0
180	BP31	PX	-0.011	-0.011	0	0
181	BP30	PX	-0.011	-0.011	0	0
182	BP29	PX	-0.011	-0.011	0	0
183	BP28	PX	-0.011	-0.011	0	0
184	BP27	PX	-0.011	-0.011	0	0
185	BP26	PX	-0.011	-0.011	0	0
186	BP25	PX	-0.011	-0.011	0	0
187	BP24	PX	-0.011	-0.011	0	0
188	BP23	PX	-0.011	-0.011	0	0
189	BP22	PX	-0.011	-0.011	0	0
190	BP21	PX	-0.011	-0.011	0	0
191	BP20	PX	-0.011	-0.011	0	0
192	BP19	PX	-0.011	-0.011	0	0
193	BP18	PX	-0.011	-0.011	0	0
194	BP17	PX	-0.011	-0.011	0	0
195	BP16	PX	-0.011	-0.011	0	0
196	BP15	PX	-0.011	-0.011	0	0
197	BP14	PX	-0.011	-0.011	0	0
198	BP13	PX	-0.011	-0.011	0	0
199	BP12	PX	-0.011	-0.011	0	0
200	BP11	PX	-0.011	-0.011	0	0
201	BP10	PX	-0.011	-0.011	0	0
202	BP9	PX	-0.011	-0.011	0	0
203	BP8	PX	-0.011	-0.011	0	0
204	BP7	PX	-0.011	-0.011	0	0
205	BP6	PX	-0.011	-0.011	0	0
206	BP5	PX	-0.011	-0.011	0	0
207	BP4	PX	-0.011	-0.011	0	0
208	BP3	PX	-0.011	-0.011	0	0
209	BP2	PX	-0.011	-0.011	0	0
210	BP1	PX	-0.011	-0.011	0	0
211	BACK6	PX	-0.001	-0.001	0	0
212	BACK5	PX	-0.001	-0.001	0	0
213	BACK4	PX	-0.001	-0.001	0	0
214	BACK3	PX	-0.001	-0.001	0	0
215	BACK2	PX	-0.001	-0.001	0	0
216	BACK1	PX	-0.001	-0.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 8 : Wind Load (150))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	VERT12	PY	.000696	.000696	0	0
2	VERT11	PY	.000696	.000696	0	0
3	VERT10	PY	.000696	.000696	0	0
4	VERT9	PY	.000696	.000696	0	0
5	VERT8	PY	.000696	.000696	0	0
6	VERT7	PY	.000696	.000696	0	0
7	VERT6	PY	.000696	.000696	0	0
8	VERT5	PY	.000696	.000696	0	0
9	VERT4	PY	.000696	.000696	0	0
10	VERT3	PY	.000696	.000696	0	0
11	VERT2	PY	.000696	.000696	0	0
12	VERT1	PY	.000696	.000696	0	0
13	TIEBACK3	PY	.002	.002	0	0
14	TIEBACK2	PY	.002	.002	0	0
15	TIEBACK1	PY	.002	.002	0	0
16	PIPE3	PY	.004	.004	0	0
17	PIPE2	PY	.004	.004	0	0
18	PIPE1	PY	.004	.004	0	0
19	MP GAMMA5	PY	.007	.007	0	0
20	MP GAMMA4	PY	.007	.007	0	0
21	MP GAMMA3	PY	.007	.007	0	0
22	MP GAMMA2	PY	.007	.007	0	0
23	MP BETA5	PY	.007	.007	0	0
24	MP BETA4	PY	.007	.007	0	0
25	MP BETA3	PY	.007	.007	0	0
26	MP BETA2	PY	.007	.007	0	0
27	MP ALPHA5	PY	.007	.007	0	0
28	MP ALPHA4	PY	.007	.007	0	0
29	MP ALPHA3	PY	.007	.007	0	0
30	MP ALPHA2	PY	.007	.007	0	0
31	KICKER12	PY	.002	.002	0	0
32	KICKER11	PY	.002	.002	0	0
33	KICKER10	PY	.002	.002	0	0
34	KICKER9	PY	.002	.002	0	0
35	KICKER8	PY	.002	.002	0	0
36	KICKER7	PY	.002	.002	0	0
37	KICKER6	PY	.002	.002	0	0
38	KICKER5	PY	.002	.002	0	0
39	KICKER4	PY	.002	.002	0	0
40	KICKER3	PY	.002	.002	0	0
41	KICKER2	PY	.002	.002	0	0
42	KICKER1	PY	.002	.002	0	0
43	FP12	PY	.000986	.000986	0	0
44	FP11	PY	.000986	.000986	0	0
45	FP10	PY	.000986	.000986	0	0
46	FP9	PY	.000986	.000986	0	0
47	FP8	PY	.000986	.000986	0	0
48	FP7	PY	.000986	.000986	0	0
49	FP6	PY	.000986	.000986	0	0
50	FP5	PY	.000986	.000986	0	0
51	FP4	PY	.000986	.000986	0	0
52	FP3	PY	.000986	.000986	0	0
53	FP2	PY	.000986	.000986	0	0
54	FP1	PY	.000986	.000986	0	0
55	FACE3B	PY	.004	.004	0	0
56	FACE3A	PY	.004	.004	0	0
57	FACE1B	PY	.004	.004	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
58	FACE1A	PY	.004	.004	0	0
59	FACE2B	PY	.002	.002	0	0
60	FACE2A	PY	.002	.002	0	0
61	DIAG6	PY	.000696	.000696	0	0
62	DIAG5	PY	.000696	.000696	0	0
63	DIAG4	PY	.000696	.000696	0	0
64	DIAG3	PY	.000696	.000696	0	0
65	DIAG2	PY	.000696	.000696	0	0
66	DIAG1	PY	.000696	.000696	0	0
67	BP36	PY	.011	.011	0	0
68	BP35	PY	.011	.011	0	0
69	BP34	PY	.011	.011	0	0
70	BP33	PY	.011	.011	0	0
71	BP32	PY	.011	.011	0	0
72	BP31	PY	.011	.011	0	0
73	BP30	PY	.011	.011	0	0
74	BP29	PY	.011	.011	0	0
75	BP28	PY	.011	.011	0	0
76	BP27	PY	.011	.011	0	0
77	BP26	PY	.011	.011	0	0
78	BP25	PY	.011	.011	0	0
79	BP24	PY	.011	.011	0	0
80	BP23	PY	.011	.011	0	0
81	BP22	PY	.011	.011	0	0
82	BP21	PY	.011	.011	0	0
83	BP20	PY	.011	.011	0	0
84	BP19	PY	.011	.011	0	0
85	BP18	PY	.011	.011	0	0
86	BP17	PY	.011	.011	0	0
87	BP16	PY	.011	.011	0	0
88	BP15	PY	.011	.011	0	0
89	BP14	PY	.011	.011	0	0
90	BP13	PY	.011	.011	0	0
91	BP12	PY	.011	.011	0	0
92	BP11	PY	.011	.011	0	0
93	BP10	PY	.011	.011	0	0
94	BP9	PY	.011	.011	0	0
95	BP8	PY	.011	.011	0	0
96	BP7	PY	.011	.011	0	0
97	BP6	PY	.011	.011	0	0
98	BP5	PY	.011	.011	0	0
99	BP4	PY	.011	.011	0	0
100	BP3	PY	.011	.011	0	0
101	BP2	PY	.011	.011	0	0
102	BP1	PY	.011	.011	0	0
103	BACK6	PY	.001	.001	0	0
104	BACK5	PY	.001	.001	0	0
105	BACK4	PY	.001	.001	0	0
106	BACK3	PY	.001	.001	0	0
107	BACK2	PY	.001	.001	0	0
108	BACK1	PY	.001	.001	0	0
109	VERT12	PX	-.000402	-.000402	0	0
110	VERT11	PX	-.000402	-.000402	0	0
111	VERT10	PX	-.000402	-.000402	0	0
112	VERT9	PX	-.000402	-.000402	0	0
113	VERT8	PX	-.000402	-.000402	0	0
114	VERT7	PX	-.000402	-.000402	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
115	VERT6	PX	-0.00402	-0.00402	0	0
116	VERT5	PX	-0.00402	-0.00402	0	0
117	VERT4	PX	-0.00402	-0.00402	0	0
118	VERT3	PX	-0.00402	-0.00402	0	0
119	VERT2	PX	-0.00402	-0.00402	0	0
120	VERT1	PX	-0.00402	-0.00402	0	0
121	TIEBACK3	PX	-0.001	-0.001	0	0
122	TIEBACK2	PX	-0.001	-0.001	0	0
123	TIEBACK1	PX	-0.001	-0.001	0	0
124	PIPE3	PX	-0.002	-0.002	0	0
125	PIPE2	PX	-0.002	-0.002	0	0
126	PIPE1	PX	-0.002	-0.002	0	0
127	MP GAMMA5	PX	-0.004	-0.004	0	0
128	MP GAMMA4	PX	-0.004	-0.004	0	0
129	MP GAMMA3	PX	-0.004	-0.004	0	0
130	MP GAMMA2	PX	-0.004	-0.004	0	0
131	MP BETA5	PX	-0.004	-0.004	0	0
132	MP BETA4	PX	-0.004	-0.004	0	0
133	MP BETA3	PX	-0.004	-0.004	0	0
134	MP BETA2	PX	-0.004	-0.004	0	0
135	MP ALPHA5	PX	-0.004	-0.004	0	0
136	MP ALPHA4	PX	-0.004	-0.004	0	0
137	MP ALPHA3	PX	-0.004	-0.004	0	0
138	MP ALPHA2	PX	-0.004	-0.004	0	0
139	KICKER12	PX	-0.001	-0.001	0	0
140	KICKER11	PX	-0.001	-0.001	0	0
141	KICKER10	PX	-0.001	-0.001	0	0
142	KICKER9	PX	-0.001	-0.001	0	0
143	KICKER8	PX	-0.001	-0.001	0	0
144	KICKER7	PX	-0.001	-0.001	0	0
145	KICKER6	PX	-0.001	-0.001	0	0
146	KICKER5	PX	-0.001	-0.001	0	0
147	KICKER4	PX	-0.001	-0.001	0	0
148	KICKER3	PX	-0.001	-0.001	0	0
149	KICKER2	PX	-0.001	-0.001	0	0
150	KICKER1	PX	-0.001	-0.001	0	0
151	FP12	PX	-0.00569	-0.00569	0	0
152	FP11	PX	-0.00569	-0.00569	0	0
153	FP10	PX	-0.00569	-0.00569	0	0
154	FP9	PX	-0.00569	-0.00569	0	0
155	FP8	PX	-0.00569	-0.00569	0	0
156	FP7	PX	-0.00569	-0.00569	0	0
157	FP6	PX	-0.00569	-0.00569	0	0
158	FP5	PX	-0.00569	-0.00569	0	0
159	FP4	PX	-0.00569	-0.00569	0	0
160	FP3	PX	-0.00569	-0.00569	0	0
161	FP2	PX	-0.00569	-0.00569	0	0
162	FP1	PX	-0.00569	-0.00569	0	0
163	FACE3B	PX	-0.003	-0.003	0	0
164	FACE3A	PX	-0.003	-0.003	0	0
165	FACE1B	PX	-0.003	-0.003	0	0
166	FACE1A	PX	-0.003	-0.003	0	0
167	FACE2B	PX	-0.001	-0.001	0	0
168	FACE2A	PX	-0.001	-0.001	0	0
169	DIAG6	PX	-0.00402	-0.00402	0	0
170	DIAG5	PX	-0.00402	-0.00402	0	0
171	DIAG4	PX	-0.00402	-0.00402	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 8 : Wind Load (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
172	DIAG3	PX	-.000402	-.000402	0	0
173	DIAG2	PX	-.000402	-.000402	0	0
174	DIAG1	PX	-.000402	-.000402	0	0
175	BP36	PX	-.006	-.006	0	0
176	BP35	PX	-.006	-.006	0	0
177	BP34	PX	-.006	-.006	0	0
178	BP33	PX	-.006	-.006	0	0
179	BP32	PX	-.006	-.006	0	0
180	BP31	PX	-.006	-.006	0	0
181	BP30	PX	-.006	-.006	0	0
182	BP29	PX	-.006	-.006	0	0
183	BP28	PX	-.006	-.006	0	0
184	BP27	PX	-.006	-.006	0	0
185	BP26	PX	-.006	-.006	0	0
186	BP25	PX	-.006	-.006	0	0
187	BP24	PX	-.006	-.006	0	0
188	BP23	PX	-.006	-.006	0	0
189	BP22	PX	-.006	-.006	0	0
190	BP21	PX	-.006	-.006	0	0
191	BP20	PX	-.006	-.006	0	0
192	BP19	PX	-.006	-.006	0	0
193	BP18	PX	-.006	-.006	0	0
194	BP17	PX	-.006	-.006	0	0
195	BP16	PX	-.006	-.006	0	0
196	BP15	PX	-.006	-.006	0	0
197	BP14	PX	-.006	-.006	0	0
198	BP13	PX	-.006	-.006	0	0
199	BP12	PX	-.006	-.006	0	0
200	BP11	PX	-.006	-.006	0	0
201	BP10	PX	-.006	-.006	0	0
202	BP9	PX	-.006	-.006	0	0
203	BP8	PX	-.006	-.006	0	0
204	BP7	PX	-.006	-.006	0	0
205	BP6	PX	-.006	-.006	0	0
206	BP5	PX	-.006	-.006	0	0
207	BP4	PX	-.006	-.006	0	0
208	BP3	PX	-.006	-.006	0	0
209	BP2	PX	-.006	-.006	0	0
210	BP1	PX	-.006	-.006	0	0
211	BACK6	PX	-.000759	-.000759	0	0
212	BACK5	PX	-.000759	-.000759	0	0
213	BACK4	PX	-.000759	-.000759	0	0
214	BACK3	PX	-.000759	-.000759	0	0
215	BACK2	PX	-.000759	-.000759	0	0
216	BACK1	PX	-.000759	-.000759	0	0

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
1	VERT12	PY	.000804	.000804	0	0
2	VERT11	PY	.000804	.000804	0	0
3	VERT10	PY	.000804	.000804	0	0
4	VERT9	PY	.000804	.000804	0	0
5	VERT8	PY	.000804	.000804	0	0
6	VERT7	PY	.000804	.000804	0	0
7	VERT6	PY	.000804	.000804	0	0
8	VERT5	PY	.000804	.000804	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
9	VERT4	PY	.000804	.000804	0	0
10	VERT3	PY	.000804	.000804	0	0
11	VERT2	PY	.000804	.000804	0	0
12	VERT1	PY	.000804	.000804	0	0
13	TIEBACK3	PY	.002	.002	0	0
14	TIEBACK2	PY	.002	.002	0	0
15	TIEBACK1	PY	.002	.002	0	0
16	PIPE3	PY	.005	.005	0	0
17	PIPE2	PY	.005	.005	0	0
18	PIPE1	PY	.005	.005	0	0
19	MP GAMMA5	PY	.009	.009	0	0
20	MP GAMMA4	PY	.009	.009	0	0
21	MP GAMMA3	PY	.009	.009	0	0
22	MP GAMMA2	PY	.009	.009	0	0
23	MP BETA5	PY	.009	.009	0	0
24	MP BETA4	PY	.009	.009	0	0
25	MP BETA3	PY	.009	.009	0	0
26	MP BETA2	PY	.009	.009	0	0
27	MP ALPHA5	PY	.009	.009	0	0
28	MP ALPHA4	PY	.009	.009	0	0
29	MP ALPHA3	PY	.009	.009	0	0
30	MP ALPHA2	PY	.009	.009	0	0
31	KICKER12	PY	.003	.003	0	0
32	KICKER11	PY	.003	.003	0	0
33	KICKER10	PY	.003	.003	0	0
34	KICKER9	PY	.003	.003	0	0
35	KICKER8	PY	.003	.003	0	0
36	KICKER7	PY	.003	.003	0	0
37	KICKER6	PY	.003	.003	0	0
38	KICKER5	PY	.003	.003	0	0
39	KICKER4	PY	.003	.003	0	0
40	KICKER3	PY	.003	.003	0	0
41	KICKER2	PY	.003	.003	0	0
42	KICKER1	PY	.003	.003	0	0
43	FP12	PY	.001	.001	0	0
44	FP11	PY	.001	.001	0	0
45	FP10	PY	.001	.001	0	0
46	FP9	PY	.001	.001	0	0
47	FP8	PY	.001	.001	0	0
48	FP7	PY	.001	.001	0	0
49	FP6	PY	.001	.001	0	0
50	FP5	PY	.001	.001	0	0
51	FP4	PY	.001	.001	0	0
52	FP3	PY	.001	.001	0	0
53	FP2	PY	.001	.001	0	0
54	FP1	PY	.001	.001	0	0
55	FACE3B	PY	.005	.005	0	0
56	FACE3A	PY	.005	.005	0	0
57	FACE1B	PY	.005	.005	0	0
58	FACE1A	PY	.005	.005	0	0
59	FACE2B	PY	.003	.003	0	0
60	FACE2A	PY	.003	.003	0	0
61	DIAG6	PY	.000804	.000804	0	0
62	DIAG5	PY	.000804	.000804	0	0
63	DIAG4	PY	.000804	.000804	0	0
64	DIAG3	PY	.000804	.000804	0	0
65	DIAG2	PY	.000804	.000804	0	0



Company : POD
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 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]
66	DIAG1	PY	.000804	.000804	0	0
67	BP36	PY	.012	.012	0	0
68	BP35	PY	.012	.012	0	0
69	BP34	PY	.012	.012	0	0
70	BP33	PY	.012	.012	0	0
71	BP32	PY	.012	.012	0	0
72	BP31	PY	.012	.012	0	0
73	BP30	PY	.012	.012	0	0
74	BP29	PY	.012	.012	0	0
75	BP28	PY	.012	.012	0	0
76	BP27	PY	.012	.012	0	0
77	BP26	PY	.012	.012	0	0
78	BP25	PY	.012	.012	0	0
79	BP24	PY	.012	.012	0	0
80	BP23	PY	.012	.012	0	0
81	BP22	PY	.012	.012	0	0
82	BP21	PY	.012	.012	0	0
83	BP20	PY	.012	.012	0	0
84	BP19	PY	.012	.012	0	0
85	BP18	PY	.012	.012	0	0
86	BP17	PY	.012	.012	0	0
87	BP16	PY	.012	.012	0	0
88	BP15	PY	.012	.012	0	0
89	BP14	PY	.012	.012	0	0
90	BP13	PY	.012	.012	0	0
91	BP12	PY	.012	.012	0	0
92	BP11	PY	.012	.012	0	0
93	BP10	PY	.012	.012	0	0
94	BP9	PY	.012	.012	0	0
95	BP8	PY	.012	.012	0	0
96	BP7	PY	.012	.012	0	0
97	BP6	PY	.012	.012	0	0
98	BP5	PY	.012	.012	0	0
99	BP4	PY	.012	.012	0	0
100	BP3	PY	.012	.012	0	0
101	BP2	PY	.012	.012	0	0
102	BP1	PY	.012	.012	0	0
103	BACK6	PY	.002	.002	0	0
104	BACK5	PY	.002	.002	0	0
105	BACK4	PY	.002	.002	0	0
106	BACK3	PY	.002	.002	0	0
107	BACK2	PY	.002	.002	0	0
108	BACK1	PY	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	VERT12	PY	.000696	.000696	0	0
2	VERT11	PY	.000696	.000696	0	0
3	VERT10	PY	.000696	.000696	0	0
4	VERT9	PY	.000696	.000696	0	0
5	VERT8	PY	.000696	.000696	0	0
6	VERT7	PY	.000696	.000696	0	0
7	VERT6	PY	.000696	.000696	0	0
8	VERT5	PY	.000696	.000696	0	0
9	VERT4	PY	.000696	.000696	0	0
10	VERT3	PY	.000696	.000696	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft...	End Magnitude[k/ft.F...	Start Location[ft.-%]	End Location[ft.-%]	
11	VERT2	PY	.000696	.000696	0	0
12	VERT1	PY	.000696	.000696	0	0
13	TIEBACK3	PY	.002	.002	0	0
14	TIEBACK2	PY	.002	.002	0	0
15	TIEBACK1	PY	.002	.002	0	0
16	PIPE3	PY	.004	.004	0	0
17	PIPE2	PY	.004	.004	0	0
18	PIPE1	PY	.004	.004	0	0
19	MP GAMMA5	PY	.007	.007	0	0
20	MP GAMMA4	PY	.007	.007	0	0
21	MP GAMMA3	PY	.007	.007	0	0
22	MP GAMMA2	PY	.007	.007	0	0
23	MP BETA5	PY	.007	.007	0	0
24	MP BETA4	PY	.007	.007	0	0
25	MP BETA3	PY	.007	.007	0	0
26	MP BETA2	PY	.007	.007	0	0
27	MP ALPHA5	PY	.007	.007	0	0
28	MP ALPHA4	PY	.007	.007	0	0
29	MP ALPHA3	PY	.007	.007	0	0
30	MP ALPHA2	PY	.007	.007	0	0
31	KICKER12	PY	.002	.002	0	0
32	KICKER11	PY	.002	.002	0	0
33	KICKER10	PY	.002	.002	0	0
34	KICKER9	PY	.002	.002	0	0
35	KICKER8	PY	.002	.002	0	0
36	KICKER7	PY	.002	.002	0	0
37	KICKER6	PY	.002	.002	0	0
38	KICKER5	PY	.002	.002	0	0
39	KICKER4	PY	.002	.002	0	0
40	KICKER3	PY	.002	.002	0	0
41	KICKER2	PY	.002	.002	0	0
42	KICKER1	PY	.002	.002	0	0
43	FP12	PY	.000986	.000986	0	0
44	FP11	PY	.000986	.000986	0	0
45	FP10	PY	.000986	.000986	0	0
46	FP9	PY	.000986	.000986	0	0
47	FP8	PY	.000986	.000986	0	0
48	FP7	PY	.000986	.000986	0	0
49	FP6	PY	.000986	.000986	0	0
50	FP5	PY	.000986	.000986	0	0
51	FP4	PY	.000986	.000986	0	0
52	FP3	PY	.000986	.000986	0	0
53	FP2	PY	.000986	.000986	0	0
54	FP1	PY	.000986	.000986	0	0
55	FACE1B	PY	.004	.004	0	0
56	FACE1A	PY	.004	.004	0	0
57	FACE2B	PY	.004	.004	0	0
58	FACE2A	PY	.004	.004	0	0
59	FACE3B	PY	.002	.002	0	0
60	FACE3A	PY	.002	.002	0	0
61	DIAG6	PY	.000696	.000696	0	0
62	DIAG5	PY	.000696	.000696	0	0
63	DIAG4	PY	.000696	.000696	0	0
64	DIAG3	PY	.000696	.000696	0	0
65	DIAG2	PY	.000696	.000696	0	0
66	DIAG1	PY	.000696	.000696	0	0
67	BP36	PY	.011	.011	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]
68	BP35	PY	.011	.011	0	0
69	BP34	PY	.011	.011	0	0
70	BP33	PY	.011	.011	0	0
71	BP32	PY	.011	.011	0	0
72	BP31	PY	.011	.011	0	0
73	BP30	PY	.011	.011	0	0
74	BP29	PY	.011	.011	0	0
75	BP28	PY	.011	.011	0	0
76	BP27	PY	.011	.011	0	0
77	BP26	PY	.011	.011	0	0
78	BP25	PY	.011	.011	0	0
79	BP24	PY	.011	.011	0	0
80	BP23	PY	.011	.011	0	0
81	BP22	PY	.011	.011	0	0
82	BP21	PY	.011	.011	0	0
83	BP20	PY	.011	.011	0	0
84	BP19	PY	.011	.011	0	0
85	BP18	PY	.011	.011	0	0
86	BP17	PY	.011	.011	0	0
87	BP16	PY	.011	.011	0	0
88	BP15	PY	.011	.011	0	0
89	BP14	PY	.011	.011	0	0
90	BP13	PY	.011	.011	0	0
91	BP12	PY	.011	.011	0	0
92	BP11	PY	.011	.011	0	0
93	BP10	PY	.011	.011	0	0
94	BP9	PY	.011	.011	0	0
95	BP8	PY	.011	.011	0	0
96	BP7	PY	.011	.011	0	0
97	BP6	PY	.011	.011	0	0
98	BP5	PY	.011	.011	0	0
99	BP4	PY	.011	.011	0	0
100	BP3	PY	.011	.011	0	0
101	BP2	PY	.011	.011	0	0
102	BP1	PY	.011	.011	0	0
103	BACK6	PY	.001	.001	0	0
104	BACK5	PY	.001	.001	0	0
105	BACK4	PY	.001	.001	0	0
106	BACK3	PY	.001	.001	0	0
107	BACK2	PY	.001	.001	0	0
108	BACK1	PY	.001	.001	0	0
109	VERT12	PX	.000402	.000402	0	0
110	VERT11	PX	.000402	.000402	0	0
111	VERT10	PX	.000402	.000402	0	0
112	VERT9	PX	.000402	.000402	0	0
113	VERT8	PX	.000402	.000402	0	0
114	VERT7	PX	.000402	.000402	0	0
115	VERT6	PX	.000402	.000402	0	0
116	VERT5	PX	.000402	.000402	0	0
117	VERT4	PX	.000402	.000402	0	0
118	VERT3	PX	.000402	.000402	0	0
119	VERT2	PX	.000402	.000402	0	0
120	VERT1	PX	.000402	.000402	0	0
121	TIEBACK3	PX	.001	.001	0	0
122	TIEBACK2	PX	.001	.001	0	0
123	TIEBACK1	PX	.001	.001	0	0
124	PIPE3	PX	.002	.002	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
125	PIPE2	PX	.002	.002	0	0
126	PIPE1	PX	.002	.002	0	0
127	MP GAMMA5	PX	.004	.004	0	0
128	MP GAMMA4	PX	.004	.004	0	0
129	MP GAMMA3	PX	.004	.004	0	0
130	MP GAMMA2	PX	.004	.004	0	0
131	MP BETA5	PX	.004	.004	0	0
132	MP BETA4	PX	.004	.004	0	0
133	MP BETA3	PX	.004	.004	0	0
134	MP BETA2	PX	.004	.004	0	0
135	MP ALPHA5	PX	.004	.004	0	0
136	MP ALPHA4	PX	.004	.004	0	0
137	MP ALPHA3	PX	.004	.004	0	0
138	MP ALPHA2	PX	.004	.004	0	0
139	KICKER12	PX	.001	.001	0	0
140	KICKER11	PX	.001	.001	0	0
141	KICKER10	PX	.001	.001	0	0
142	KICKER9	PX	.001	.001	0	0
143	KICKER8	PX	.001	.001	0	0
144	KICKER7	PX	.001	.001	0	0
145	KICKER6	PX	.001	.001	0	0
146	KICKER5	PX	.001	.001	0	0
147	KICKER4	PX	.001	.001	0	0
148	KICKER3	PX	.001	.001	0	0
149	KICKER2	PX	.001	.001	0	0
150	KICKER1	PX	.001	.001	0	0
151	FP12	PX	.000569	.000569	0	0
152	FP11	PX	.000569	.000569	0	0
153	FP10	PX	.000569	.000569	0	0
154	FP9	PX	.000569	.000569	0	0
155	FP8	PX	.000569	.000569	0	0
156	FP7	PX	.000569	.000569	0	0
157	FP6	PX	.000569	.000569	0	0
158	FP5	PX	.000569	.000569	0	0
159	FP4	PX	.000569	.000569	0	0
160	FP3	PX	.000569	.000569	0	0
161	FP2	PX	.000569	.000569	0	0
162	FP1	PX	.000569	.000569	0	0
163	FACE1B	PX	.003	.003	0	0
164	FACE1A	PX	.003	.003	0	0
165	FACE2B	PX	.003	.003	0	0
166	FACE2A	PX	.003	.003	0	0
167	FACE3B	PX	.001	.001	0	0
168	FACE3A	PX	.001	.001	0	0
169	DIAG6	PX	.000402	.000402	0	0
170	DIAG5	PX	.000402	.000402	0	0
171	DIAG4	PX	.000402	.000402	0	0
172	DIAG3	PX	.000402	.000402	0	0
173	DIAG2	PX	.000402	.000402	0	0
174	DIAG1	PX	.000402	.000402	0	0
175	BP36	PX	.006	.006	0	0
176	BP35	PX	.006	.006	0	0
177	BP34	PX	.006	.006	0	0
178	BP33	PX	.006	.006	0	0
179	BP32	PX	.006	.006	0	0
180	BP31	PX	.006	.006	0	0
181	BP30	PX	.006	.006	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
182	BP29	PX	.006	.006	0	0
183	BP28	PX	.006	.006	0	0
184	BP27	PX	.006	.006	0	0
185	BP26	PX	.006	.006	0	0
186	BP25	PX	.006	.006	0	0
187	BP24	PX	.006	.006	0	0
188	BP23	PX	.006	.006	0	0
189	BP22	PX	.006	.006	0	0
190	BP21	PX	.006	.006	0	0
191	BP20	PX	.006	.006	0	0
192	BP19	PX	.006	.006	0	0
193	BP18	PX	.006	.006	0	0
194	BP17	PX	.006	.006	0	0
195	BP16	PX	.006	.006	0	0
196	BP15	PX	.006	.006	0	0
197	BP14	PX	.006	.006	0	0
198	BP13	PX	.006	.006	0	0
199	BP12	PX	.006	.006	0	0
200	BP11	PX	.006	.006	0	0
201	BP10	PX	.006	.006	0	0
202	BP9	PX	.006	.006	0	0
203	BP8	PX	.006	.006	0	0
204	BP7	PX	.006	.006	0	0
205	BP6	PX	.006	.006	0	0
206	BP5	PX	.006	.006	0	0
207	BP4	PX	.006	.006	0	0
208	BP3	PX	.006	.006	0	0
209	BP2	PX	.006	.006	0	0
210	BP1	PX	.006	.006	0	0
211	BACK6	PX	.000759	.000759	0	0
212	BACK5	PX	.000759	.000759	0	0
213	BACK4	PX	.000759	.000759	0	0
214	BACK3	PX	.000759	.000759	0	0
215	BACK2	PX	.000759	.000759	0	0
216	BACK1	PX	.000759	.000759	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	.000402	.000402	0	0
2	VERT11	PY	.000402	.000402	0	0
3	VERT10	PY	.000402	.000402	0	0
4	VERT9	PY	.000402	.000402	0	0
5	VERT8	PY	.000402	.000402	0	0
6	VERT7	PY	.000402	.000402	0	0
7	VERT6	PY	.000402	.000402	0	0
8	VERT5	PY	.000402	.000402	0	0
9	VERT4	PY	.000402	.000402	0	0
10	VERT3	PY	.000402	.000402	0	0
11	VERT2	PY	.000402	.000402	0	0
12	VERT1	PY	.000402	.000402	0	0
13	TIEBACK3	PY	.001	.001	0	0
14	TIEBACK2	PY	.001	.001	0	0
15	TIEBACK1	PY	.001	.001	0	0
16	PIPE3	PY	.002	.002	0	0
17	PIPE2	PY	.002	.002	0	0
18	PIPE1	PY	.002	.002	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
19	MP GAMMA5	PY	.004	.004	0	0
20	MP GAMMA4	PY	.004	.004	0	0
21	MP GAMMA3	PY	.004	.004	0	0
22	MP GAMMA2	PY	.004	.004	0	0
23	MP BETA5	PY	.004	.004	0	0
24	MP BETA4	PY	.004	.004	0	0
25	MP BETA3	PY	.004	.004	0	0
26	MP BETA2	PY	.004	.004	0	0
27	MP ALPHA5	PY	.004	.004	0	0
28	MP ALPHA4	PY	.004	.004	0	0
29	MP ALPHA3	PY	.004	.004	0	0
30	MP ALPHA2	PY	.004	.004	0	0
31	KICKER12	PY	.001	.001	0	0
32	KICKER11	PY	.001	.001	0	0
33	KICKER10	PY	.001	.001	0	0
34	KICKER9	PY	.001	.001	0	0
35	KICKER8	PY	.001	.001	0	0
36	KICKER7	PY	.001	.001	0	0
37	KICKER6	PY	.001	.001	0	0
38	KICKER5	PY	.001	.001	0	0
39	KICKER4	PY	.001	.001	0	0
40	KICKER3	PY	.001	.001	0	0
41	KICKER2	PY	.001	.001	0	0
42	KICKER1	PY	.001	.001	0	0
43	FP12	PY	.000569	.000569	0	0
44	FP11	PY	.000569	.000569	0	0
45	FP10	PY	.000569	.000569	0	0
46	FP9	PY	.000569	.000569	0	0
47	FP8	PY	.000569	.000569	0	0
48	FP7	PY	.000569	.000569	0	0
49	FP6	PY	.000569	.000569	0	0
50	FP5	PY	.000569	.000569	0	0
51	FP4	PY	.000569	.000569	0	0
52	FP3	PY	.000569	.000569	0	0
53	FP2	PY	.000569	.000569	0	0
54	FP1	PY	.000569	.000569	0	0
55	FACE1B	PY	.003	.003	0	0
56	FACE1A	PY	.003	.003	0	0
57	FACE2B	PY	.003	.003	0	0
58	FACE2A	PY	.003	.003	0	0
59	FACE3B	PY	.001	.001	0	0
60	FACE3A	PY	.001	.001	0	0
61	DIAG6	PY	.000402	.000402	0	0
62	DIAG5	PY	.000402	.000402	0	0
63	DIAG4	PY	.000402	.000402	0	0
64	DIAG3	PY	.000402	.000402	0	0
65	DIAG2	PY	.000402	.000402	0	0
66	DIAG1	PY	.000402	.000402	0	0
67	BP36	PY	.006	.006	0	0
68	BP35	PY	.006	.006	0	0
69	BP34	PY	.006	.006	0	0
70	BP33	PY	.006	.006	0	0
71	BP32	PY	.006	.006	0	0
72	BP31	PY	.006	.006	0	0
73	BP30	PY	.006	.006	0	0
74	BP29	PY	.006	.006	0	0
75	BP28	PY	.006	.006	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
76	BP27	PY	.006	.006	0	0
77	BP26	PY	.006	.006	0	0
78	BP25	PY	.006	.006	0	0
79	BP24	PY	.006	.006	0	0
80	BP23	PY	.006	.006	0	0
81	BP22	PY	.006	.006	0	0
82	BP21	PY	.006	.006	0	0
83	BP20	PY	.006	.006	0	0
84	BP19	PY	.006	.006	0	0
85	BP18	PY	.006	.006	0	0
86	BP17	PY	.006	.006	0	0
87	BP16	PY	.006	.006	0	0
88	BP15	PY	.006	.006	0	0
89	BP14	PY	.006	.006	0	0
90	BP13	PY	.006	.006	0	0
91	BP12	PY	.006	.006	0	0
92	BP11	PY	.006	.006	0	0
93	BP10	PY	.006	.006	0	0
94	BP9	PY	.006	.006	0	0
95	BP8	PY	.006	.006	0	0
96	BP7	PY	.006	.006	0	0
97	BP6	PY	.006	.006	0	0
98	BP5	PY	.006	.006	0	0
99	BP4	PY	.006	.006	0	0
100	BP3	PY	.006	.006	0	0
101	BP2	PY	.006	.006	0	0
102	BP1	PY	.006	.006	0	0
103	BACK6	PY	.000759	.000759	0	0
104	BACK5	PY	.000759	.000759	0	0
105	BACK4	PY	.000759	.000759	0	0
106	BACK3	PY	.000759	.000759	0	0
107	BACK2	PY	.000759	.000759	0	0
108	BACK1	PY	.000759	.000759	0	0
109	VERT12	PX	.000696	.000696	0	0
110	VERT11	PX	.000696	.000696	0	0
111	VERT10	PX	.000696	.000696	0	0
112	VERT9	PX	.000696	.000696	0	0
113	VERT8	PX	.000696	.000696	0	0
114	VERT7	PX	.000696	.000696	0	0
115	VERT6	PX	.000696	.000696	0	0
116	VERT5	PX	.000696	.000696	0	0
117	VERT4	PX	.000696	.000696	0	0
118	VERT3	PX	.000696	.000696	0	0
119	VERT2	PX	.000696	.000696	0	0
120	VERT1	PX	.000696	.000696	0	0
121	TIEBACK3	PX	.002	.002	0	0
122	TIEBACK2	PX	.002	.002	0	0
123	TIEBACK1	PX	.002	.002	0	0
124	PIPE3	PX	.004	.004	0	0
125	PIPE2	PX	.004	.004	0	0
126	PIPE1	PX	.004	.004	0	0
127	MP GAMMA5	PX	.007	.007	0	0
128	MP GAMMA4	PX	.007	.007	0	0
129	MP GAMMA3	PX	.007	.007	0	0
130	MP GAMMA2	PX	.007	.007	0	0
131	MP BETA5	PX	.007	.007	0	0
132	MP BETA4	PX	.007	.007	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
133	MP BETA3	PX	.007	.007	0	0
134	MP BETA2	PX	.007	.007	0	0
135	MP ALPHA5	PX	.007	.007	0	0
136	MP ALPHA4	PX	.007	.007	0	0
137	MP ALPHA3	PX	.007	.007	0	0
138	MP ALPHA2	PX	.007	.007	0	0
139	KICKER12	PX	.002	.002	0	0
140	KICKER11	PX	.002	.002	0	0
141	KICKER10	PX	.002	.002	0	0
142	KICKER9	PX	.002	.002	0	0
143	KICKER8	PX	.002	.002	0	0
144	KICKER7	PX	.002	.002	0	0
145	KICKER6	PX	.002	.002	0	0
146	KICKER5	PX	.002	.002	0	0
147	KICKER4	PX	.002	.002	0	0
148	KICKER3	PX	.002	.002	0	0
149	KICKER2	PX	.002	.002	0	0
150	KICKER1	PX	.002	.002	0	0
151	FP12	PX	.000986	.000986	0	0
152	FP11	PX	.000986	.000986	0	0
153	FP10	PX	.000986	.000986	0	0
154	FP9	PX	.000986	.000986	0	0
155	FP8	PX	.000986	.000986	0	0
156	FP7	PX	.000986	.000986	0	0
157	FP6	PX	.000986	.000986	0	0
158	FP5	PX	.000986	.000986	0	0
159	FP4	PX	.000986	.000986	0	0
160	FP3	PX	.000986	.000986	0	0
161	FP2	PX	.000986	.000986	0	0
162	FP1	PX	.000986	.000986	0	0
163	FACE1B	PX	.004	.004	0	0
164	FACE1A	PX	.004	.004	0	0
165	FACE2B	PX	.004	.004	0	0
166	FACE2A	PX	.004	.004	0	0
167	FACE3B	PX	.002	.002	0	0
168	FACE3A	PX	.002	.002	0	0
169	DIAG6	PX	.000696	.000696	0	0
170	DIAG5	PX	.000696	.000696	0	0
171	DIAG4	PX	.000696	.000696	0	0
172	DIAG3	PX	.000696	.000696	0	0
173	DIAG2	PX	.000696	.000696	0	0
174	DIAG1	PX	.000696	.000696	0	0
175	BP36	PX	.011	.011	0	0
176	BP35	PX	.011	.011	0	0
177	BP34	PX	.011	.011	0	0
178	BP33	PX	.011	.011	0	0
179	BP32	PX	.011	.011	0	0
180	BP31	PX	.011	.011	0	0
181	BP30	PX	.011	.011	0	0
182	BP29	PX	.011	.011	0	0
183	BP28	PX	.011	.011	0	0
184	BP27	PX	.011	.011	0	0
185	BP26	PX	.011	.011	0	0
186	BP25	PX	.011	.011	0	0
187	BP24	PX	.011	.011	0	0
188	BP23	PX	.011	.011	0	0
189	BP22	PX	.011	.011	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 11 : Wind Load (240)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
190	BP21	PX	.011	.011	0	0
191	BP20	PX	.011	.011	0	0
192	BP19	PX	.011	.011	0	0
193	BP18	PX	.011	.011	0	0
194	BP17	PX	.011	.011	0	0
195	BP16	PX	.011	.011	0	0
196	BP15	PX	.011	.011	0	0
197	BP14	PX	.011	.011	0	0
198	BP13	PX	.011	.011	0	0
199	BP12	PX	.011	.011	0	0
200	BP11	PX	.011	.011	0	0
201	BP10	PX	.011	.011	0	0
202	BP9	PX	.011	.011	0	0
203	BP8	PX	.011	.011	0	0
204	BP7	PX	.011	.011	0	0
205	BP6	PX	.011	.011	0	0
206	BP5	PX	.011	.011	0	0
207	BP4	PX	.011	.011	0	0
208	BP3	PX	.011	.011	0	0
209	BP2	PX	.011	.011	0	0
210	BP1	PX	.011	.011	0	0
211	BACK6	PX	.001	.001	0	0
212	BACK5	PX	.001	.001	0	0
213	BACK4	PX	.001	.001	0	0
214	BACK3	PX	.001	.001	0	0
215	BACK2	PX	.001	.001	0	0
216	BACK1	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	VERT12	PX	.000804	.000804	0	0
2	VERT11	PX	.000804	.000804	0	0
3	VERT10	PX	.000804	.000804	0	0
4	VERT9	PX	.000804	.000804	0	0
5	VERT8	PX	.000804	.000804	0	0
6	VERT7	PX	.000804	.000804	0	0
7	VERT6	PX	.000804	.000804	0	0
8	VERT5	PX	.000804	.000804	0	0
9	VERT4	PX	.000804	.000804	0	0
10	VERT3	PX	.000804	.000804	0	0
11	VERT2	PX	.000804	.000804	0	0
12	VERT1	PX	.000804	.000804	0	0
13	TIEBACK3	PX	.002	.002	0	0
14	TIEBACK2	PX	.002	.002	0	0
15	TIEBACK1	PX	.002	.002	0	0
16	PIPE3	PX	.005	.005	0	0
17	PIPE2	PX	.005	.005	0	0
18	PIPE1	PX	.005	.005	0	0
19	MP GAMMA5	PX	.009	.009	0	0
20	MP GAMMA4	PX	.009	.009	0	0
21	MP GAMMA3	PX	.009	.009	0	0
22	MP GAMMA2	PX	.009	.009	0	0
23	MP BETA5	PX	.009	.009	0	0
24	MP BETA4	PX	.009	.009	0	0
25	MP BETA3	PX	.009	.009	0	0
26	MP BETA2	PX	.009	.009	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
27	MP ALPHA5	PX	.009	.009	0	0
28	MP ALPHA4	PX	.009	.009	0	0
29	MP ALPHA3	PX	.009	.009	0	0
30	MP ALPHA2	PX	.009	.009	0	0
31	KICKER12	PX	.003	.003	0	0
32	KICKER11	PX	.003	.003	0	0
33	KICKER10	PX	.003	.003	0	0
34	KICKER9	PX	.003	.003	0	0
35	KICKER8	PX	.003	.003	0	0
36	KICKER7	PX	.003	.003	0	0
37	KICKER6	PX	.003	.003	0	0
38	KICKER5	PX	.003	.003	0	0
39	KICKER4	PX	.003	.003	0	0
40	KICKER3	PX	.003	.003	0	0
41	KICKER2	PX	.003	.003	0	0
42	KICKER1	PX	.003	.003	0	0
43	FP12	PX	.001	.001	0	0
44	FP11	PX	.001	.001	0	0
45	FP10	PX	.001	.001	0	0
46	FP9	PX	.001	.001	0	0
47	FP8	PX	.001	.001	0	0
48	FP7	PX	.001	.001	0	0
49	FP6	PX	.001	.001	0	0
50	FP5	PX	.001	.001	0	0
51	FP4	PX	.001	.001	0	0
52	FP3	PX	.001	.001	0	0
53	FP2	PX	.001	.001	0	0
54	FP1	PX	.001	.001	0	0
55	FACE1B	PX	.005	.005	0	0
56	FACE1A	PX	.005	.005	0	0
57	FACE2B	PX	.005	.005	0	0
58	FACE2A	PX	.005	.005	0	0
59	FACE3B	PX	.003	.003	0	0
60	FACE3A	PX	.003	.003	0	0
61	DIAG6	PX	.000804	.000804	0	0
62	DIAG5	PX	.000804	.000804	0	0
63	DIAG4	PX	.000804	.000804	0	0
64	DIAG3	PX	.000804	.000804	0	0
65	DIAG2	PX	.000804	.000804	0	0
66	DIAG1	PX	.000804	.000804	0	0
67	BP36	PX	.012	.012	0	0
68	BP35	PX	.012	.012	0	0
69	BP34	PX	.012	.012	0	0
70	BP33	PX	.012	.012	0	0
71	BP32	PX	.012	.012	0	0
72	BP31	PX	.012	.012	0	0
73	BP30	PX	.012	.012	0	0
74	BP29	PX	.012	.012	0	0
75	BP28	PX	.012	.012	0	0
76	BP27	PX	.012	.012	0	0
77	BP26	PX	.012	.012	0	0
78	BP25	PX	.012	.012	0	0
79	BP24	PX	.012	.012	0	0
80	BP23	PX	.012	.012	0	0
81	BP22	PX	.012	.012	0	0
82	BP21	PX	.012	.012	0	0
83	BP20	PX	.012	.012	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
84	BP19	PX	.012	.012	0	0
85	BP18	PX	.012	.012	0	0
86	BP17	PX	.012	.012	0	0
87	BP16	PX	.012	.012	0	0
88	BP15	PX	.012	.012	0	0
89	BP14	PX	.012	.012	0	0
90	BP13	PX	.012	.012	0	0
91	BP12	PX	.012	.012	0	0
92	BP11	PX	.012	.012	0	0
93	BP10	PX	.012	.012	0	0
94	BP9	PX	.012	.012	0	0
95	BP8	PX	.012	.012	0	0
96	BP7	PX	.012	.012	0	0
97	BP6	PX	.012	.012	0	0
98	BP5	PX	.012	.012	0	0
99	BP4	PX	.012	.012	0	0
100	BP3	PX	.012	.012	0	0
101	BP2	PX	.012	.012	0	0
102	BP1	PX	.012	.012	0	0
103	BACK6	PX	.002	.002	0	0
104	BACK5	PX	.002	.002	0	0
105	BACK4	PX	.002	.002	0	0
106	BACK3	PX	.002	.002	0	0
107	BACK2	PX	.002	.002	0	0
108	BACK1	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	-.000402	-.000402	0	0
2	VERT11	PY	-.000402	-.000402	0	0
3	VERT10	PY	-.000402	-.000402	0	0
4	VERT9	PY	-.000402	-.000402	0	0
5	VERT8	PY	-.000402	-.000402	0	0
6	VERT7	PY	-.000402	-.000402	0	0
7	VERT6	PY	-.000402	-.000402	0	0
8	VERT5	PY	-.000402	-.000402	0	0
9	VERT4	PY	-.000402	-.000402	0	0
10	VERT3	PY	-.000402	-.000402	0	0
11	VERT2	PY	-.000402	-.000402	0	0
12	VERT1	PY	-.000402	-.000402	0	0
13	TIEBACK3	PY	-.001	-.001	0	0
14	TIEBACK2	PY	-.001	-.001	0	0
15	TIEBACK1	PY	-.001	-.001	0	0
16	PIPE3	PY	-.002	-.002	0	0
17	PIPE2	PY	-.002	-.002	0	0
18	PIPE1	PY	-.002	-.002	0	0
19	MP GAMMA5	PY	-.004	-.004	0	0
20	MP GAMMA4	PY	-.004	-.004	0	0
21	MP GAMMA3	PY	-.004	-.004	0	0
22	MP GAMMA2	PY	-.004	-.004	0	0
23	MP BETA5	PY	-.004	-.004	0	0
24	MP BETA4	PY	-.004	-.004	0	0
25	MP BETA3	PY	-.004	-.004	0	0
26	MP BETA2	PY	-.004	-.004	0	0
27	MP ALPHA5	PY	-.004	-.004	0	0
28	MP ALPHA4	PY	-.004	-.004	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
29	MP ALPHA3	PY	-0.004	-0.004	0	0
30	MP ALPHA2	PY	-0.004	-0.004	0	0
31	KICKER12	PY	-0.001	-0.001	0	0
32	KICKER11	PY	-0.001	-0.001	0	0
33	KICKER10	PY	-0.001	-0.001	0	0
34	KICKER9	PY	-0.001	-0.001	0	0
35	KICKER8	PY	-0.001	-0.001	0	0
36	KICKER7	PY	-0.001	-0.001	0	0
37	KICKER6	PY	-0.001	-0.001	0	0
38	KICKER5	PY	-0.001	-0.001	0	0
39	KICKER4	PY	-0.001	-0.001	0	0
40	KICKER3	PY	-0.001	-0.001	0	0
41	KICKER2	PY	-0.001	-0.001	0	0
42	KICKER1	PY	-0.001	-0.001	0	0
43	FP12	PY	-0.00569	-0.00569	0	0
44	FP11	PY	-0.00569	-0.00569	0	0
45	FP10	PY	-0.00569	-0.00569	0	0
46	FP9	PY	-0.00569	-0.00569	0	0
47	FP8	PY	-0.00569	-0.00569	0	0
48	FP7	PY	-0.00569	-0.00569	0	0
49	FP6	PY	-0.00569	-0.00569	0	0
50	FP5	PY	-0.00569	-0.00569	0	0
51	FP4	PY	-0.00569	-0.00569	0	0
52	FP3	PY	-0.00569	-0.00569	0	0
53	FP2	PY	-0.00569	-0.00569	0	0
54	FP1	PY	-0.00569	-0.00569	0	0
55	FACE1B	PY	-0.003	-0.003	0	0
56	FACE1A	PY	-0.003	-0.003	0	0
57	FACE2B	PY	-0.003	-0.003	0	0
58	FACE2A	PY	-0.003	-0.003	0	0
59	FACE3B	PY	-0.001	-0.001	0	0
60	FACE3A	PY	-0.001	-0.001	0	0
61	DIAG6	PY	-0.00402	-0.00402	0	0
62	DIAG5	PY	-0.00402	-0.00402	0	0
63	DIAG4	PY	-0.00402	-0.00402	0	0
64	DIAG3	PY	-0.00402	-0.00402	0	0
65	DIAG2	PY	-0.00402	-0.00402	0	0
66	DIAG1	PY	-0.00402	-0.00402	0	0
67	BP36	PY	-0.006	-0.006	0	0
68	BP35	PY	-0.006	-0.006	0	0
69	BP34	PY	-0.006	-0.006	0	0
70	BP33	PY	-0.006	-0.006	0	0
71	BP32	PY	-0.006	-0.006	0	0
72	BP31	PY	-0.006	-0.006	0	0
73	BP30	PY	-0.006	-0.006	0	0
74	BP29	PY	-0.006	-0.006	0	0
75	BP28	PY	-0.006	-0.006	0	0
76	BP27	PY	-0.006	-0.006	0	0
77	BP26	PY	-0.006	-0.006	0	0
78	BP25	PY	-0.006	-0.006	0	0
79	BP24	PY	-0.006	-0.006	0	0
80	BP23	PY	-0.006	-0.006	0	0
81	BP22	PY	-0.006	-0.006	0	0
82	BP21	PY	-0.006	-0.006	0	0
83	BP20	PY	-0.006	-0.006	0	0
84	BP19	PY	-0.006	-0.006	0	0
85	BP18	PY	-0.006	-0.006	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
86	BP17	PY	-.006	-.006	0	0
87	BP16	PY	-.006	-.006	0	0
88	BP15	PY	-.006	-.006	0	0
89	BP14	PY	-.006	-.006	0	0
90	BP13	PY	-.006	-.006	0	0
91	BP12	PY	-.006	-.006	0	0
92	BP11	PY	-.006	-.006	0	0
93	BP10	PY	-.006	-.006	0	0
94	BP9	PY	-.006	-.006	0	0
95	BP8	PY	-.006	-.006	0	0
96	BP7	PY	-.006	-.006	0	0
97	BP6	PY	-.006	-.006	0	0
98	BP5	PY	-.006	-.006	0	0
99	BP4	PY	-.006	-.006	0	0
100	BP3	PY	-.006	-.006	0	0
101	BP2	PY	-.006	-.006	0	0
102	BP1	PY	-.006	-.006	0	0
103	BACK6	PY	-.000759	-.000759	0	0
104	BACK5	PY	-.000759	-.000759	0	0
105	BACK4	PY	-.000759	-.000759	0	0
106	BACK3	PY	-.000759	-.000759	0	0
107	BACK2	PY	-.000759	-.000759	0	0
108	BACK1	PY	-.000759	-.000759	0	0
109	VERT12	PX	.000696	.000696	0	0
110	VERT11	PX	.000696	.000696	0	0
111	VERT10	PX	.000696	.000696	0	0
112	VERT9	PX	.000696	.000696	0	0
113	VERT8	PX	.000696	.000696	0	0
114	VERT7	PX	.000696	.000696	0	0
115	VERT6	PX	.000696	.000696	0	0
116	VERT5	PX	.000696	.000696	0	0
117	VERT4	PX	.000696	.000696	0	0
118	VERT3	PX	.000696	.000696	0	0
119	VERT2	PX	.000696	.000696	0	0
120	VERT1	PX	.000696	.000696	0	0
121	TIEBACK3	PX	.002	.002	0	0
122	TIEBACK2	PX	.002	.002	0	0
123	TIEBACK1	PX	.002	.002	0	0
124	PIPE3	PX	.004	.004	0	0
125	PIPE2	PX	.004	.004	0	0
126	PIPE1	PX	.004	.004	0	0
127	MP GAMMA5	PX	.007	.007	0	0
128	MP GAMMA4	PX	.007	.007	0	0
129	MP GAMMA3	PX	.007	.007	0	0
130	MP GAMMA2	PX	.007	.007	0	0
131	MP BETA5	PX	.007	.007	0	0
132	MP BETA4	PX	.007	.007	0	0
133	MP BETA3	PX	.007	.007	0	0
134	MP BETA2	PX	.007	.007	0	0
135	MP ALPHA5	PX	.007	.007	0	0
136	MP ALPHA4	PX	.007	.007	0	0
137	MP ALPHA3	PX	.007	.007	0	0
138	MP ALPHA2	PX	.007	.007	0	0
139	KICKER12	PX	.002	.002	0	0
140	KICKER11	PX	.002	.002	0	0
141	KICKER10	PX	.002	.002	0	0
142	KICKER9	PX	.002	.002	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
143	KICKER8	PX	.002	.002	0	0
144	KICKER7	PX	.002	.002	0	0
145	KICKER6	PX	.002	.002	0	0
146	KICKER5	PX	.002	.002	0	0
147	KICKER4	PX	.002	.002	0	0
148	KICKER3	PX	.002	.002	0	0
149	KICKER2	PX	.002	.002	0	0
150	KICKER1	PX	.002	.002	0	0
151	FP12	PX	.000986	.000986	0	0
152	FP11	PX	.000986	.000986	0	0
153	FP10	PX	.000986	.000986	0	0
154	FP9	PX	.000986	.000986	0	0
155	FP8	PX	.000986	.000986	0	0
156	FP7	PX	.000986	.000986	0	0
157	FP6	PX	.000986	.000986	0	0
158	FP5	PX	.000986	.000986	0	0
159	FP4	PX	.000986	.000986	0	0
160	FP3	PX	.000986	.000986	0	0
161	FP2	PX	.000986	.000986	0	0
162	FP1	PX	.000986	.000986	0	0
163	FACE1B	PX	.004	.004	0	0
164	FACE1A	PX	.004	.004	0	0
165	FACE2B	PX	.004	.004	0	0
166	FACE2A	PX	.004	.004	0	0
167	FACE3B	PX	.002	.002	0	0
168	FACE3A	PX	.002	.002	0	0
169	DIAG6	PX	.000696	.000696	0	0
170	DIAG5	PX	.000696	.000696	0	0
171	DIAG4	PX	.000696	.000696	0	0
172	DIAG3	PX	.000696	.000696	0	0
173	DIAG2	PX	.000696	.000696	0	0
174	DIAG1	PX	.000696	.000696	0	0
175	BP36	PX	.011	.011	0	0
176	BP35	PX	.011	.011	0	0
177	BP34	PX	.011	.011	0	0
178	BP33	PX	.011	.011	0	0
179	BP32	PX	.011	.011	0	0
180	BP31	PX	.011	.011	0	0
181	BP30	PX	.011	.011	0	0
182	BP29	PX	.011	.011	0	0
183	BP28	PX	.011	.011	0	0
184	BP27	PX	.011	.011	0	0
185	BP26	PX	.011	.011	0	0
186	BP25	PX	.011	.011	0	0
187	BP24	PX	.011	.011	0	0
188	BP23	PX	.011	.011	0	0
189	BP22	PX	.011	.011	0	0
190	BP21	PX	.011	.011	0	0
191	BP20	PX	.011	.011	0	0
192	BP19	PX	.011	.011	0	0
193	BP18	PX	.011	.011	0	0
194	BP17	PX	.011	.011	0	0
195	BP16	PX	.011	.011	0	0
196	BP15	PX	.011	.011	0	0
197	BP14	PX	.011	.011	0	0
198	BP13	PX	.011	.011	0	0
199	BP12	PX	.011	.011	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 13 : Wind Load (300)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
200	BP11	PX	.011	.011	0	0
201	BP10	PX	.011	.011	0	0
202	BP9	PX	.011	.011	0	0
203	BP8	PX	.011	.011	0	0
204	BP7	PX	.011	.011	0	0
205	BP6	PX	.011	.011	0	0
206	BP5	PX	.011	.011	0	0
207	BP4	PX	.011	.011	0	0
208	BP3	PX	.011	.011	0	0
209	BP2	PX	.011	.011	0	0
210	BP1	PX	.011	.011	0	0
211	BACK6	PX	.001	.001	0	0
212	BACK5	PX	.001	.001	0	0
213	BACK4	PX	.001	.001	0	0
214	BACK3	PX	.001	.001	0	0
215	BACK2	PX	.001	.001	0	0
216	BACK1	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	-0.00696	-0.00696	0	0
2	VERT11	PY	-0.00696	-0.00696	0	0
3	VERT10	PY	-0.00696	-0.00696	0	0
4	VERT9	PY	-0.00696	-0.00696	0	0
5	VERT8	PY	-0.00696	-0.00696	0	0
6	VERT7	PY	-0.00696	-0.00696	0	0
7	VERT6	PY	-0.00696	-0.00696	0	0
8	VERT5	PY	-0.00696	-0.00696	0	0
9	VERT4	PY	-0.00696	-0.00696	0	0
10	VERT3	PY	-0.00696	-0.00696	0	0
11	VERT2	PY	-0.00696	-0.00696	0	0
12	VERT1	PY	-0.00696	-0.00696	0	0
13	TIEBACK3	PY	-0.002	-0.002	0	0
14	TIEBACK2	PY	-0.002	-0.002	0	0
15	TIEBACK1	PY	-0.002	-0.002	0	0
16	PIPE3	PY	-0.004	-0.004	0	0
17	PIPE2	PY	-0.004	-0.004	0	0
18	PIPE1	PY	-0.004	-0.004	0	0
19	MP GAMMA5	PY	-0.007	-0.007	0	0
20	MP GAMMA4	PY	-0.007	-0.007	0	0
21	MP GAMMA3	PY	-0.007	-0.007	0	0
22	MP GAMMA2	PY	-0.007	-0.007	0	0
23	MP BETA5	PY	-0.007	-0.007	0	0
24	MP BETA4	PY	-0.007	-0.007	0	0
25	MP BETA3	PY	-0.007	-0.007	0	0
26	MP BETA2	PY	-0.007	-0.007	0	0
27	MP ALPHA5	PY	-0.007	-0.007	0	0
28	MP ALPHA4	PY	-0.007	-0.007	0	0
29	MP ALPHA3	PY	-0.007	-0.007	0	0
30	MP ALPHA2	PY	-0.007	-0.007	0	0
31	KICKER12	PY	-0.002	-0.002	0	0
32	KICKER11	PY	-0.002	-0.002	0	0
33	KICKER10	PY	-0.002	-0.002	0	0
34	KICKER9	PY	-0.002	-0.002	0	0
35	KICKER8	PY	-0.002	-0.002	0	0
36	KICKER7	PY	-0.002	-0.002	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 14 : Wind Load (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
37	KICKER6	PY	-0.002	-0.002	0	0
38	KICKER5	PY	-0.002	-0.002	0	0
39	KICKER4	PY	-0.002	-0.002	0	0
40	KICKER3	PY	-0.002	-0.002	0	0
41	KICKER2	PY	-0.002	-0.002	0	0
42	KICKER1	PY	-0.002	-0.002	0	0
43	FP12	PY	-0.000986	-0.000986	0	0
44	FP11	PY	-0.000986	-0.000986	0	0
45	FP10	PY	-0.000986	-0.000986	0	0
46	FP9	PY	-0.000986	-0.000986	0	0
47	FP8	PY	-0.000986	-0.000986	0	0
48	FP7	PY	-0.000986	-0.000986	0	0
49	FP6	PY	-0.000986	-0.000986	0	0
50	FP5	PY	-0.000986	-0.000986	0	0
51	FP4	PY	-0.000986	-0.000986	0	0
52	FP3	PY	-0.000986	-0.000986	0	0
53	FP2	PY	-0.000986	-0.000986	0	0
54	FP1	PY	-0.000986	-0.000986	0	0
55	FACE3B	PY	-0.004	-0.004	0	0
56	FACE3A	PY	-0.004	-0.004	0	0
57	FACE2B	PY	-0.004	-0.004	0	0
58	FACE2A	PY	-0.004	-0.004	0	0
59	FACE1B	PY	-0.002	-0.002	0	0
60	FACE1A	PY	-0.002	-0.002	0	0
61	DIAG6	PY	-0.000696	-0.000696	0	0
62	DIAG5	PY	-0.000696	-0.000696	0	0
63	DIAG4	PY	-0.000696	-0.000696	0	0
64	DIAG3	PY	-0.000696	-0.000696	0	0
65	DIAG2	PY	-0.000696	-0.000696	0	0
66	DIAG1	PY	-0.000696	-0.000696	0	0
67	BP36	PY	-0.011	-0.011	0	0
68	BP35	PY	-0.011	-0.011	0	0
69	BP34	PY	-0.011	-0.011	0	0
70	BP33	PY	-0.011	-0.011	0	0
71	BP32	PY	-0.011	-0.011	0	0
72	BP31	PY	-0.011	-0.011	0	0
73	BP30	PY	-0.011	-0.011	0	0
74	BP29	PY	-0.011	-0.011	0	0
75	BP28	PY	-0.011	-0.011	0	0
76	BP27	PY	-0.011	-0.011	0	0
77	BP26	PY	-0.011	-0.011	0	0
78	BP25	PY	-0.011	-0.011	0	0
79	BP24	PY	-0.011	-0.011	0	0
80	BP23	PY	-0.011	-0.011	0	0
81	BP22	PY	-0.011	-0.011	0	0
82	BP21	PY	-0.011	-0.011	0	0
83	BP20	PY	-0.011	-0.011	0	0
84	BP19	PY	-0.011	-0.011	0	0
85	BP18	PY	-0.011	-0.011	0	0
86	BP17	PY	-0.011	-0.011	0	0
87	BP16	PY	-0.011	-0.011	0	0
88	BP15	PY	-0.011	-0.011	0	0
89	BP14	PY	-0.011	-0.011	0	0
90	BP13	PY	-0.011	-0.011	0	0
91	BP12	PY	-0.011	-0.011	0	0
92	BP11	PY	-0.011	-0.011	0	0
93	BP10	PY	-0.011	-0.011	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 14 : Wind Load (330)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]
94	BP9	PY	-.011	-.011	0	0
95	BP8	PY	-.011	-.011	0	0
96	BP7	PY	-.011	-.011	0	0
97	BP6	PY	-.011	-.011	0	0
98	BP5	PY	-.011	-.011	0	0
99	BP4	PY	-.011	-.011	0	0
100	BP3	PY	-.011	-.011	0	0
101	BP2	PY	-.011	-.011	0	0
102	BP1	PY	-.011	-.011	0	0
103	BACK6	PY	-.001	-.001	0	0
104	BACK5	PY	-.001	-.001	0	0
105	BACK4	PY	-.001	-.001	0	0
106	BACK3	PY	-.001	-.001	0	0
107	BACK2	PY	-.001	-.001	0	0
108	BACK1	PY	-.001	-.001	0	0
109	VERT12	PX	.000402	.000402	0	0
110	VERT11	PX	.000402	.000402	0	0
111	VERT10	PX	.000402	.000402	0	0
112	VERT9	PX	.000402	.000402	0	0
113	VERT8	PX	.000402	.000402	0	0
114	VERT7	PX	.000402	.000402	0	0
115	VERT6	PX	.000402	.000402	0	0
116	VERT5	PX	.000402	.000402	0	0
117	VERT4	PX	.000402	.000402	0	0
118	VERT3	PX	.000402	.000402	0	0
119	VERT2	PX	.000402	.000402	0	0
120	VERT1	PX	.000402	.000402	0	0
121	TIEBACK3	PX	.001	.001	0	0
122	TIEBACK2	PX	.001	.001	0	0
123	TIEBACK1	PX	.001	.001	0	0
124	PIPE3	PX	.002	.002	0	0
125	PIPE2	PX	.002	.002	0	0
126	PIPE1	PX	.002	.002	0	0
127	MP GAMMA5	PX	.004	.004	0	0
128	MP GAMMA4	PX	.004	.004	0	0
129	MP GAMMA3	PX	.004	.004	0	0
130	MP GAMMA2	PX	.004	.004	0	0
131	MP BETA5	PX	.004	.004	0	0
132	MP BETA4	PX	.004	.004	0	0
133	MP BETA3	PX	.004	.004	0	0
134	MP BETA2	PX	.004	.004	0	0
135	MP ALPHA5	PX	.004	.004	0	0
136	MP ALPHA4	PX	.004	.004	0	0
137	MP ALPHA3	PX	.004	.004	0	0
138	MP ALPHA2	PX	.004	.004	0	0
139	KICKER12	PX	.001	.001	0	0
140	KICKER11	PX	.001	.001	0	0
141	KICKER10	PX	.001	.001	0	0
142	KICKER9	PX	.001	.001	0	0
143	KICKER8	PX	.001	.001	0	0
144	KICKER7	PX	.001	.001	0	0
145	KICKER6	PX	.001	.001	0	0
146	KICKER5	PX	.001	.001	0	0
147	KICKER4	PX	.001	.001	0	0
148	KICKER3	PX	.001	.001	0	0
149	KICKER2	PX	.001	.001	0	0
150	KICKER1	PX	.001	.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
151	FP12	PX	.000569	.000569	0	0
152	FP11	PX	.000569	.000569	0	0
153	FP10	PX	.000569	.000569	0	0
154	FP9	PX	.000569	.000569	0	0
155	FP8	PX	.000569	.000569	0	0
156	FP7	PX	.000569	.000569	0	0
157	FP6	PX	.000569	.000569	0	0
158	FP5	PX	.000569	.000569	0	0
159	FP4	PX	.000569	.000569	0	0
160	FP3	PX	.000569	.000569	0	0
161	FP2	PX	.000569	.000569	0	0
162	FP1	PX	.000569	.000569	0	0
163	FACE3B	PX	.003	.003	0	0
164	FACE3A	PX	.003	.003	0	0
165	FACE2B	PX	.003	.003	0	0
166	FACE2A	PX	.003	.003	0	0
167	FACE1B	PX	.001	.001	0	0
168	FACE1A	PX	.001	.001	0	0
169	DIAG6	PX	.000402	.000402	0	0
170	DIAG5	PX	.000402	.000402	0	0
171	DIAG4	PX	.000402	.000402	0	0
172	DIAG3	PX	.000402	.000402	0	0
173	DIAG2	PX	.000402	.000402	0	0
174	DIAG1	PX	.000402	.000402	0	0
175	BP36	PX	.006	.006	0	0
176	BP35	PX	.006	.006	0	0
177	BP34	PX	.006	.006	0	0
178	BP33	PX	.006	.006	0	0
179	BP32	PX	.006	.006	0	0
180	BP31	PX	.006	.006	0	0
181	BP30	PX	.006	.006	0	0
182	BP29	PX	.006	.006	0	0
183	BP28	PX	.006	.006	0	0
184	BP27	PX	.006	.006	0	0
185	BP26	PX	.006	.006	0	0
186	BP25	PX	.006	.006	0	0
187	BP24	PX	.006	.006	0	0
188	BP23	PX	.006	.006	0	0
189	BP22	PX	.006	.006	0	0
190	BP21	PX	.006	.006	0	0
191	BP20	PX	.006	.006	0	0
192	BP19	PX	.006	.006	0	0
193	BP18	PX	.006	.006	0	0
194	BP17	PX	.006	.006	0	0
195	BP16	PX	.006	.006	0	0
196	BP15	PX	.006	.006	0	0
197	BP14	PX	.006	.006	0	0
198	BP13	PX	.006	.006	0	0
199	BP12	PX	.006	.006	0	0
200	BP11	PX	.006	.006	0	0
201	BP10	PX	.006	.006	0	0
202	BP9	PX	.006	.006	0	0
203	BP8	PX	.006	.006	0	0
204	BP7	PX	.006	.006	0	0
205	BP6	PX	.006	.006	0	0
206	BP5	PX	.006	.006	0	0
207	BP4	PX	.006	.006	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]
208	BP3	PX	.006	.006	0	0
209	BP2	PX	.006	.006	0	0
210	BP1	PX	.006	.006	0	0
211	BACK6	PX	.000759	.000759	0	0
212	BACK5	PX	.000759	.000759	0	0
213	BACK4	PX	.000759	.000759	0	0
214	BACK3	PX	.000759	.000759	0	0
215	BACK2	PX	.000759	.000759	0	0
216	BACK1	PX	.000759	.000759	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	VERT12	PY	-5.4e-5	-5.4e-5	0	0
2	VERT11	PY	-5.4e-5	-5.4e-5	0	0
3	VERT10	PY	-5.4e-5	-5.4e-5	0	0
4	VERT9	PY	-5.4e-5	-5.4e-5	0	0
5	VERT8	PY	-5.4e-5	-5.4e-5	0	0
6	VERT7	PY	-5.4e-5	-5.4e-5	0	0
7	VERT6	PY	-5.4e-5	-5.4e-5	0	0
8	VERT5	PY	-5.4e-5	-5.4e-5	0	0
9	VERT4	PY	-5.4e-5	-5.4e-5	0	0
10	VERT3	PY	-5.4e-5	-5.4e-5	0	0
11	VERT2	PY	-5.4e-5	-5.4e-5	0	0
12	VERT1	PY	-5.4e-5	-5.4e-5	0	0
13	TIEBACK3	PY	-0.00134	-0.00134	0	0
14	TIEBACK2	PY	-0.00134	-0.00134	0	0
15	TIEBACK1	PY	-0.00134	-0.00134	0	0
16	PIPE3	PY	-0.00323	-0.00323	0	0
17	PIPE2	PY	-0.00323	-0.00323	0	0
18	PIPE1	PY	-0.00323	-0.00323	0	0
19	MP GAMMA5	PY	-0.00579	-0.00579	0	0
20	MP GAMMA4	PY	-0.00579	-0.00579	0	0
21	MP GAMMA3	PY	-0.00579	-0.00579	0	0
22	MP GAMMA2	PY	-0.00579	-0.00579	0	0
23	MP BETA5	PY	-0.00579	-0.00579	0	0
24	MP BETA4	PY	-0.00579	-0.00579	0	0
25	MP BETA3	PY	-0.00579	-0.00579	0	0
26	MP BETA2	PY	-0.00579	-0.00579	0	0
27	MP ALPHA5	PY	-0.00579	-0.00579	0	0
28	MP ALPHA4	PY	-0.00579	-0.00579	0	0
29	MP ALPHA3	PY	-0.00579	-0.00579	0	0
30	MP ALPHA2	PY	-0.00579	-0.00579	0	0
31	KICKER12	PY	-0.0017	-0.0017	0	0
32	KICKER11	PY	-0.0017	-0.0017	0	0
33	KICKER10	PY	-0.0017	-0.0017	0	0
34	KICKER9	PY	-0.0017	-0.0017	0	0
35	KICKER8	PY	-0.0017	-0.0017	0	0
36	KICKER7	PY	-0.0017	-0.0017	0	0
37	KICKER6	PY	-0.0017	-0.0017	0	0
38	KICKER5	PY	-0.0017	-0.0017	0	0
39	KICKER4	PY	-0.0017	-0.0017	0	0
40	KICKER3	PY	-0.0017	-0.0017	0	0
41	KICKER2	PY	-0.0017	-0.0017	0	0
42	KICKER1	PY	-0.0017	-0.0017	0	0
43	FP12	PY	-7.6e-5	-7.6e-5	0	0
44	FP11	PY	-7.6e-5	-7.6e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.-%]	End Location[ft.-%]	
45	FP10	PY	-7.6e-5	-7.6e-5	0	0
46	FP9	PY	-7.6e-5	-7.6e-5	0	0
47	FP8	PY	-7.6e-5	-7.6e-5	0	0
48	FP7	PY	-7.6e-5	-7.6e-5	0	0
49	FP6	PY	-7.6e-5	-7.6e-5	0	0
50	FP5	PY	-7.6e-5	-7.6e-5	0	0
51	FP4	PY	-7.6e-5	-7.6e-5	0	0
52	FP3	PY	-7.6e-5	-7.6e-5	0	0
53	FP2	PY	-7.6e-5	-7.6e-5	0	0
54	FP1	PY	-7.6e-5	-7.6e-5	0	0
55	FACE3B	PY	-0.00341	-0.00341	0	0
56	FACE3A	PY	-0.00341	-0.00341	0	0
57	FACE2B	PY	-0.00341	-0.00341	0	0
58	FACE2A	PY	-0.00341	-0.00341	0	0
59	FACE1B	PY	-0.00017	-0.00017	0	0
60	FACE1A	PY	-0.00017	-0.00017	0	0
61	DIAG6	PY	-5.4e-5	-5.4e-5	0	0
62	DIAG5	PY	-5.4e-5	-5.4e-5	0	0
63	DIAG4	PY	-5.4e-5	-5.4e-5	0	0
64	DIAG3	PY	-5.4e-5	-5.4e-5	0	0
65	DIAG2	PY	-5.4e-5	-5.4e-5	0	0
66	DIAG1	PY	-5.4e-5	-5.4e-5	0	0
67	BP36	PY	-0.00812	-0.00812	0	0
68	BP35	PY	-0.00812	-0.00812	0	0
69	BP34	PY	-0.00812	-0.00812	0	0
70	BP33	PY	-0.00812	-0.00812	0	0
71	BP32	PY	-0.00812	-0.00812	0	0
72	BP31	PY	-0.00812	-0.00812	0	0
73	BP30	PY	-0.00812	-0.00812	0	0
74	BP29	PY	-0.00812	-0.00812	0	0
75	BP28	PY	-0.00812	-0.00812	0	0
76	BP27	PY	-0.00812	-0.00812	0	0
77	BP26	PY	-0.00812	-0.00812	0	0
78	BP25	PY	-0.00812	-0.00812	0	0
79	BP24	PY	-0.00812	-0.00812	0	0
80	BP23	PY	-0.00812	-0.00812	0	0
81	BP22	PY	-0.00812	-0.00812	0	0
82	BP21	PY	-0.00812	-0.00812	0	0
83	BP20	PY	-0.00812	-0.00812	0	0
84	BP19	PY	-0.00812	-0.00812	0	0
85	BP18	PY	-0.00812	-0.00812	0	0
86	BP17	PY	-0.00812	-0.00812	0	0
87	BP16	PY	-0.00812	-0.00812	0	0
88	BP15	PY	-0.00812	-0.00812	0	0
89	BP14	PY	-0.00812	-0.00812	0	0
90	BP13	PY	-0.00812	-0.00812	0	0
91	BP12	PY	-0.00812	-0.00812	0	0
92	BP11	PY	-0.00812	-0.00812	0	0
93	BP10	PY	-0.00812	-0.00812	0	0
94	BP9	PY	-0.00812	-0.00812	0	0
95	BP8	PY	-0.00812	-0.00812	0	0
96	BP7	PY	-0.00812	-0.00812	0	0
97	BP6	PY	-0.00812	-0.00812	0	0
98	BP5	PY	-0.00812	-0.00812	0	0
99	BP4	PY	-0.00812	-0.00812	0	0
100	BP3	PY	-0.00812	-0.00812	0	0
101	BP2	PY	-0.00812	-0.00812	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 15 : Maintenance (0)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
102	BP1	PY	-0.00812	-0.00812	0	0
103	BACK6	PY	-0.00102	-0.00102	0	0
104	BACK5	PY	-0.00102	-0.00102	0	0
105	BACK4	PY	-0.00102	-0.00102	0	0
106	BACK3	PY	-0.00102	-0.00102	0	0
107	BACK2	PY	-0.00102	-0.00102	0	0
108	BACK1	PY	-0.00102	-0.00102	0	0

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
1	VERT12	PY	-4.7e-5	-4.7e-5	0	0
2	VERT11	PY	-4.7e-5	-4.7e-5	0	0
3	VERT10	PY	-4.7e-5	-4.7e-5	0	0
4	VERT9	PY	-4.7e-5	-4.7e-5	0	0
5	VERT8	PY	-4.7e-5	-4.7e-5	0	0
6	VERT7	PY	-4.7e-5	-4.7e-5	0	0
7	VERT6	PY	-4.7e-5	-4.7e-5	0	0
8	VERT5	PY	-4.7e-5	-4.7e-5	0	0
9	VERT4	PY	-4.7e-5	-4.7e-5	0	0
10	VERT3	PY	-4.7e-5	-4.7e-5	0	0
11	VERT2	PY	-4.7e-5	-4.7e-5	0	0
12	VERT1	PY	-4.7e-5	-4.7e-5	0	0
13	TIEBACK3	PY	-0.00116	-0.00116	0	0
14	TIEBACK2	PY	-0.00116	-0.00116	0	0
15	TIEBACK1	PY	-0.00116	-0.00116	0	0
16	PIPE3	PY	-0.00028	-0.00028	0	0
17	PIPE2	PY	-0.00028	-0.00028	0	0
18	PIPE1	PY	-0.00028	-0.00028	0	0
19	MP GAMMA5	PY	-0.000501	-0.000501	0	0
20	MP GAMMA4	PY	-0.000501	-0.000501	0	0
21	MP GAMMA3	PY	-0.000501	-0.000501	0	0
22	MP GAMMA2	PY	-0.000501	-0.000501	0	0
23	MP BETA5	PY	-0.000501	-0.000501	0	0
24	MP BETA4	PY	-0.000501	-0.000501	0	0
25	MP BETA3	PY	-0.000501	-0.000501	0	0
26	MP BETA2	PY	-0.000501	-0.000501	0	0
27	MP ALPHA5	PY	-0.000501	-0.000501	0	0
28	MP ALPHA4	PY	-0.000501	-0.000501	0	0
29	MP ALPHA3	PY	-0.000501	-0.000501	0	0
30	MP ALPHA2	PY	-0.000501	-0.000501	0	0
31	KICKER12	PY	-0.00148	-0.00148	0	0
32	KICKER11	PY	-0.00148	-0.00148	0	0
33	KICKER10	PY	-0.00148	-0.00148	0	0
34	KICKER9	PY	-0.00148	-0.00148	0	0
35	KICKER8	PY	-0.00148	-0.00148	0	0
36	KICKER7	PY	-0.00148	-0.00148	0	0
37	KICKER6	PY	-0.00148	-0.00148	0	0
38	KICKER5	PY	-0.00148	-0.00148	0	0
39	KICKER4	PY	-0.00148	-0.00148	0	0
40	KICKER3	PY	-0.00148	-0.00148	0	0
41	KICKER2	PY	-0.00148	-0.00148	0	0
42	KICKER1	PY	-0.00148	-0.00148	0	0
43	FP12	PY	-6.6e-5	-6.6e-5	0	0
44	FP11	PY	-6.6e-5	-6.6e-5	0	0
45	FP10	PY	-6.6e-5	-6.6e-5	0	0
46	FP9	PY	-6.6e-5	-6.6e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 16 : Maintenance (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.-%]	End Location[ft.-%]	
47	FP8	PY	-6.6e-5	-6.6e-5	0	0
48	FP7	PY	-6.6e-5	-6.6e-5	0	0
49	FP6	PY	-6.6e-5	-6.6e-5	0	0
50	FP5	PY	-6.6e-5	-6.6e-5	0	0
51	FP4	PY	-6.6e-5	-6.6e-5	0	0
52	FP3	PY	-6.6e-5	-6.6e-5	0	0
53	FP2	PY	-6.6e-5	-6.6e-5	0	0
54	FP1	PY	-6.6e-5	-6.6e-5	0	0
55	FACE3B	PY	-0.00295	-0.00295	0	0
56	FACE3A	PY	-0.00295	-0.00295	0	0
57	FACE2B	PY	-0.00295	-0.00295	0	0
58	FACE2A	PY	-0.00295	-0.00295	0	0
59	FACE1B	PY	-0.00148	-0.00148	0	0
60	FACE1A	PY	-0.00148	-0.00148	0	0
61	DIAG6	PY	-4.7e-5	-4.7e-5	0	0
62	DIAG5	PY	-4.7e-5	-4.7e-5	0	0
63	DIAG4	PY	-4.7e-5	-4.7e-5	0	0
64	DIAG3	PY	-4.7e-5	-4.7e-5	0	0
65	DIAG2	PY	-4.7e-5	-4.7e-5	0	0
66	DIAG1	PY	-4.7e-5	-4.7e-5	0	0
67	BP36	PY	-0.00704	-0.00704	0	0
68	BP35	PY	-0.00704	-0.00704	0	0
69	BP34	PY	-0.00704	-0.00704	0	0
70	BP33	PY	-0.00704	-0.00704	0	0
71	BP32	PY	-0.00704	-0.00704	0	0
72	BP31	PY	-0.00704	-0.00704	0	0
73	BP30	PY	-0.00704	-0.00704	0	0
74	BP29	PY	-0.00704	-0.00704	0	0
75	BP28	PY	-0.00704	-0.00704	0	0
76	BP27	PY	-0.00704	-0.00704	0	0
77	BP26	PY	-0.00704	-0.00704	0	0
78	BP25	PY	-0.00704	-0.00704	0	0
79	BP24	PY	-0.00704	-0.00704	0	0
80	BP23	PY	-0.00704	-0.00704	0	0
81	BP22	PY	-0.00704	-0.00704	0	0
82	BP21	PY	-0.00704	-0.00704	0	0
83	BP20	PY	-0.00704	-0.00704	0	0
84	BP19	PY	-0.00704	-0.00704	0	0
85	BP18	PY	-0.00704	-0.00704	0	0
86	BP17	PY	-0.00704	-0.00704	0	0
87	BP16	PY	-0.00704	-0.00704	0	0
88	BP15	PY	-0.00704	-0.00704	0	0
89	BP14	PY	-0.00704	-0.00704	0	0
90	BP13	PY	-0.00704	-0.00704	0	0
91	BP12	PY	-0.00704	-0.00704	0	0
92	BP11	PY	-0.00704	-0.00704	0	0
93	BP10	PY	-0.00704	-0.00704	0	0
94	BP9	PY	-0.00704	-0.00704	0	0
95	BP8	PY	-0.00704	-0.00704	0	0
96	BP7	PY	-0.00704	-0.00704	0	0
97	BP6	PY	-0.00704	-0.00704	0	0
98	BP5	PY	-0.00704	-0.00704	0	0
99	BP4	PY	-0.00704	-0.00704	0	0
100	BP3	PY	-0.00704	-0.00704	0	0
101	BP2	PY	-0.00704	-0.00704	0	0
102	BP1	PY	-0.00704	-0.00704	0	0
103	BACK6	PY	-8.8e-5	-8.8e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 16 : Maintenance (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
104	BACK5	PY	-8.8e-5	-8.8e-5	0	0
105	BACK4	PY	-8.8e-5	-8.8e-5	0	0
106	BACK3	PY	-8.8e-5	-8.8e-5	0	0
107	BACK2	PY	-8.8e-5	-8.8e-5	0	0
108	BACK1	PY	-8.8e-5	-8.8e-5	0	0
109	VERT12	PX	-2.7e-5	-2.7e-5	0	0
110	VERT11	PX	-2.7e-5	-2.7e-5	0	0
111	VERT10	PX	-2.7e-5	-2.7e-5	0	0
112	VERT9	PX	-2.7e-5	-2.7e-5	0	0
113	VERT8	PX	-2.7e-5	-2.7e-5	0	0
114	VERT7	PX	-2.7e-5	-2.7e-5	0	0
115	VERT6	PX	-2.7e-5	-2.7e-5	0	0
116	VERT5	PX	-2.7e-5	-2.7e-5	0	0
117	VERT4	PX	-2.7e-5	-2.7e-5	0	0
118	VERT3	PX	-2.7e-5	-2.7e-5	0	0
119	VERT2	PX	-2.7e-5	-2.7e-5	0	0
120	VERT1	PX	-2.7e-5	-2.7e-5	0	0
121	TIEBACK3	PX	-6.7e-5	-6.7e-5	0	0
122	TIEBACK2	PX	-6.7e-5	-6.7e-5	0	0
123	TIEBACK1	PX	-6.7e-5	-6.7e-5	0	0
124	PIPE3	PX	-0.00161	-0.00161	0	0
125	PIPE2	PX	-0.00161	-0.00161	0	0
126	PIPE1	PX	-0.00161	-0.00161	0	0
127	MP GAMMA5	PX	-0.00289	-0.00289	0	0
128	MP GAMMA4	PX	-0.00289	-0.00289	0	0
129	MP GAMMA3	PX	-0.00289	-0.00289	0	0
130	MP GAMMA2	PX	-0.00289	-0.00289	0	0
131	MP BETA5	PX	-0.00289	-0.00289	0	0
132	MP BETA4	PX	-0.00289	-0.00289	0	0
133	MP BETA3	PX	-0.00289	-0.00289	0	0
134	MP BETA2	PX	-0.00289	-0.00289	0	0
135	MP ALPHA5	PX	-0.00289	-0.00289	0	0
136	MP ALPHA4	PX	-0.00289	-0.00289	0	0
137	MP ALPHA3	PX	-0.00289	-0.00289	0	0
138	MP ALPHA2	PX	-0.00289	-0.00289	0	0
139	KICKER12	PX	-8.5e-5	-8.5e-5	0	0
140	KICKER11	PX	-8.5e-5	-8.5e-5	0	0
141	KICKER10	PX	-8.5e-5	-8.5e-5	0	0
142	KICKER9	PX	-8.5e-5	-8.5e-5	0	0
143	KICKER8	PX	-8.5e-5	-8.5e-5	0	0
144	KICKER7	PX	-8.5e-5	-8.5e-5	0	0
145	KICKER6	PX	-8.5e-5	-8.5e-5	0	0
146	KICKER5	PX	-8.5e-5	-8.5e-5	0	0
147	KICKER4	PX	-8.5e-5	-8.5e-5	0	0
148	KICKER3	PX	-8.5e-5	-8.5e-5	0	0
149	KICKER2	PX	-8.5e-5	-8.5e-5	0	0
150	KICKER1	PX	-8.5e-5	-8.5e-5	0	0
151	FP12	PX	-3.8e-5	-3.8e-5	0	0
152	FP11	PX	-3.8e-5	-3.8e-5	0	0
153	FP10	PX	-3.8e-5	-3.8e-5	0	0
154	FP9	PX	-3.8e-5	-3.8e-5	0	0
155	FP8	PX	-3.8e-5	-3.8e-5	0	0
156	FP7	PX	-3.8e-5	-3.8e-5	0	0
157	FP6	PX	-3.8e-5	-3.8e-5	0	0
158	FP5	PX	-3.8e-5	-3.8e-5	0	0
159	FP4	PX	-3.8e-5	-3.8e-5	0	0
160	FP3	PX	-3.8e-5	-3.8e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 16 : Maintenance (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.-%]	End Location[ft.-%]	
161	FP2	PX	-3.8e-5	-3.8e-5	0	0
162	FP1	PX	-3.8e-5	-3.8e-5	0	0
163	FACE3B	PX	-0.00017	-0.00017	0	0
164	FACE3A	PX	-0.00017	-0.00017	0	0
165	FACE2B	PX	-0.00017	-0.00017	0	0
166	FACE2A	PX	-0.00017	-0.00017	0	0
167	FACE1B	PX	-8.5e-5	-8.5e-5	0	0
168	FACE1A	PX	-8.5e-5	-8.5e-5	0	0
169	DIAG6	PX	-2.7e-5	-2.7e-5	0	0
170	DIAG5	PX	-2.7e-5	-2.7e-5	0	0
171	DIAG4	PX	-2.7e-5	-2.7e-5	0	0
172	DIAG3	PX	-2.7e-5	-2.7e-5	0	0
173	DIAG2	PX	-2.7e-5	-2.7e-5	0	0
174	DIAG1	PX	-2.7e-5	-2.7e-5	0	0
175	BP36	PX	-0.000406	-0.000406	0	0
176	BP35	PX	-0.000406	-0.000406	0	0
177	BP34	PX	-0.000406	-0.000406	0	0
178	BP33	PX	-0.000406	-0.000406	0	0
179	BP32	PX	-0.000406	-0.000406	0	0
180	BP31	PX	-0.000406	-0.000406	0	0
181	BP30	PX	-0.000406	-0.000406	0	0
182	BP29	PX	-0.000406	-0.000406	0	0
183	BP28	PX	-0.000406	-0.000406	0	0
184	BP27	PX	-0.000406	-0.000406	0	0
185	BP26	PX	-0.000406	-0.000406	0	0
186	BP25	PX	-0.000406	-0.000406	0	0
187	BP24	PX	-0.000406	-0.000406	0	0
188	BP23	PX	-0.000406	-0.000406	0	0
189	BP22	PX	-0.000406	-0.000406	0	0
190	BP21	PX	-0.000406	-0.000406	0	0
191	BP20	PX	-0.000406	-0.000406	0	0
192	BP19	PX	-0.000406	-0.000406	0	0
193	BP18	PX	-0.000406	-0.000406	0	0
194	BP17	PX	-0.000406	-0.000406	0	0
195	BP16	PX	-0.000406	-0.000406	0	0
196	BP15	PX	-0.000406	-0.000406	0	0
197	BP14	PX	-0.000406	-0.000406	0	0
198	BP13	PX	-0.000406	-0.000406	0	0
199	BP12	PX	-0.000406	-0.000406	0	0
200	BP11	PX	-0.000406	-0.000406	0	0
201	BP10	PX	-0.000406	-0.000406	0	0
202	BP9	PX	-0.000406	-0.000406	0	0
203	BP8	PX	-0.000406	-0.000406	0	0
204	BP7	PX	-0.000406	-0.000406	0	0
205	BP6	PX	-0.000406	-0.000406	0	0
206	BP5	PX	-0.000406	-0.000406	0	0
207	BP4	PX	-0.000406	-0.000406	0	0
208	BP3	PX	-0.000406	-0.000406	0	0
209	BP2	PX	-0.000406	-0.000406	0	0
210	BP1	PX	-0.000406	-0.000406	0	0
211	BACK6	PX	-5.1e-5	-5.1e-5	0	0
212	BACK5	PX	-5.1e-5	-5.1e-5	0	0
213	BACK4	PX	-5.1e-5	-5.1e-5	0	0
214	BACK3	PX	-5.1e-5	-5.1e-5	0	0
215	BACK2	PX	-5.1e-5	-5.1e-5	0	0
216	BACK1	PX	-5.1e-5	-5.1e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	VERT12	PY	-2.7e-5	-2.7e-5	0	0
2	VERT11	PY	-2.7e-5	-2.7e-5	0	0
3	VERT10	PY	-2.7e-5	-2.7e-5	0	0
4	VERT9	PY	-2.7e-5	-2.7e-5	0	0
5	VERT8	PY	-2.7e-5	-2.7e-5	0	0
6	VERT7	PY	-2.7e-5	-2.7e-5	0	0
7	VERT6	PY	-2.7e-5	-2.7e-5	0	0
8	VERT5	PY	-2.7e-5	-2.7e-5	0	0
9	VERT4	PY	-2.7e-5	-2.7e-5	0	0
10	VERT3	PY	-2.7e-5	-2.7e-5	0	0
11	VERT2	PY	-2.7e-5	-2.7e-5	0	0
12	VERT1	PY	-2.7e-5	-2.7e-5	0	0
13	TIEBACK3	PY	-6.7e-5	-6.7e-5	0	0
14	TIEBACK2	PY	-6.7e-5	-6.7e-5	0	0
15	TIEBACK1	PY	-6.7e-5	-6.7e-5	0	0
16	PIPE3	PY	-0.00161	-0.00161	0	0
17	PIPE2	PY	-0.00161	-0.00161	0	0
18	PIPE1	PY	-0.00161	-0.00161	0	0
19	MP GAMMA5	PY	-0.00289	-0.00289	0	0
20	MP GAMMA4	PY	-0.00289	-0.00289	0	0
21	MP GAMMA3	PY	-0.00289	-0.00289	0	0
22	MP GAMMA2	PY	-0.00289	-0.00289	0	0
23	MP BETA5	PY	-0.00289	-0.00289	0	0
24	MP BETA4	PY	-0.00289	-0.00289	0	0
25	MP BETA3	PY	-0.00289	-0.00289	0	0
26	MP BETA2	PY	-0.00289	-0.00289	0	0
27	MP ALPHA5	PY	-0.00289	-0.00289	0	0
28	MP ALPHA4	PY	-0.00289	-0.00289	0	0
29	MP ALPHA3	PY	-0.00289	-0.00289	0	0
30	MP ALPHA2	PY	-0.00289	-0.00289	0	0
31	KICKER12	PY	-8.5e-5	-8.5e-5	0	0
32	KICKER11	PY	-8.5e-5	-8.5e-5	0	0
33	KICKER10	PY	-8.5e-5	-8.5e-5	0	0
34	KICKER9	PY	-8.5e-5	-8.5e-5	0	0
35	KICKER8	PY	-8.5e-5	-8.5e-5	0	0
36	KICKER7	PY	-8.5e-5	-8.5e-5	0	0
37	KICKER6	PY	-8.5e-5	-8.5e-5	0	0
38	KICKER5	PY	-8.5e-5	-8.5e-5	0	0
39	KICKER4	PY	-8.5e-5	-8.5e-5	0	0
40	KICKER3	PY	-8.5e-5	-8.5e-5	0	0
41	KICKER2	PY	-8.5e-5	-8.5e-5	0	0
42	KICKER1	PY	-8.5e-5	-8.5e-5	0	0
43	FP12	PY	-3.8e-5	-3.8e-5	0	0
44	FP11	PY	-3.8e-5	-3.8e-5	0	0
45	FP10	PY	-3.8e-5	-3.8e-5	0	0
46	FP9	PY	-3.8e-5	-3.8e-5	0	0
47	FP8	PY	-3.8e-5	-3.8e-5	0	0
48	FP7	PY	-3.8e-5	-3.8e-5	0	0
49	FP6	PY	-3.8e-5	-3.8e-5	0	0
50	FP5	PY	-3.8e-5	-3.8e-5	0	0
51	FP4	PY	-3.8e-5	-3.8e-5	0	0
52	FP3	PY	-3.8e-5	-3.8e-5	0	0
53	FP2	PY	-3.8e-5	-3.8e-5	0	0
54	FP1	PY	-3.8e-5	-3.8e-5	0	0
55	FACE3B	PY	-0.0017	-0.0017	0	0
56	FACE3A	PY	-0.0017	-0.0017	0	0
57	FACE2B	PY	-0.0017	-0.0017	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
58	FACE2A	PY	-0.0017	-0.0017	0	0
59	FACE1B	PY	-8.5e-5	-8.5e-5	0	0
60	FACE1A	PY	-8.5e-5	-8.5e-5	0	0
61	DIAG6	PY	-2.7e-5	-2.7e-5	0	0
62	DIAG5	PY	-2.7e-5	-2.7e-5	0	0
63	DIAG4	PY	-2.7e-5	-2.7e-5	0	0
64	DIAG3	PY	-2.7e-5	-2.7e-5	0	0
65	DIAG2	PY	-2.7e-5	-2.7e-5	0	0
66	DIAG1	PY	-2.7e-5	-2.7e-5	0	0
67	BP36	PY	-0.00406	-0.00406	0	0
68	BP35	PY	-0.00406	-0.00406	0	0
69	BP34	PY	-0.00406	-0.00406	0	0
70	BP33	PY	-0.00406	-0.00406	0	0
71	BP32	PY	-0.00406	-0.00406	0	0
72	BP31	PY	-0.00406	-0.00406	0	0
73	BP30	PY	-0.00406	-0.00406	0	0
74	BP29	PY	-0.00406	-0.00406	0	0
75	BP28	PY	-0.00406	-0.00406	0	0
76	BP27	PY	-0.00406	-0.00406	0	0
77	BP26	PY	-0.00406	-0.00406	0	0
78	BP25	PY	-0.00406	-0.00406	0	0
79	BP24	PY	-0.00406	-0.00406	0	0
80	BP23	PY	-0.00406	-0.00406	0	0
81	BP22	PY	-0.00406	-0.00406	0	0
82	BP21	PY	-0.00406	-0.00406	0	0
83	BP20	PY	-0.00406	-0.00406	0	0
84	BP19	PY	-0.00406	-0.00406	0	0
85	BP18	PY	-0.00406	-0.00406	0	0
86	BP17	PY	-0.00406	-0.00406	0	0
87	BP16	PY	-0.00406	-0.00406	0	0
88	BP15	PY	-0.00406	-0.00406	0	0
89	BP14	PY	-0.00406	-0.00406	0	0
90	BP13	PY	-0.00406	-0.00406	0	0
91	BP12	PY	-0.00406	-0.00406	0	0
92	BP11	PY	-0.00406	-0.00406	0	0
93	BP10	PY	-0.00406	-0.00406	0	0
94	BP9	PY	-0.00406	-0.00406	0	0
95	BP8	PY	-0.00406	-0.00406	0	0
96	BP7	PY	-0.00406	-0.00406	0	0
97	BP6	PY	-0.00406	-0.00406	0	0
98	BP5	PY	-0.00406	-0.00406	0	0
99	BP4	PY	-0.00406	-0.00406	0	0
100	BP3	PY	-0.00406	-0.00406	0	0
101	BP2	PY	-0.00406	-0.00406	0	0
102	BP1	PY	-0.00406	-0.00406	0	0
103	BACK6	PY	-5.1e-5	-5.1e-5	0	0
104	BACK5	PY	-5.1e-5	-5.1e-5	0	0
105	BACK4	PY	-5.1e-5	-5.1e-5	0	0
106	BACK3	PY	-5.1e-5	-5.1e-5	0	0
107	BACK2	PY	-5.1e-5	-5.1e-5	0	0
108	BACK1	PY	-5.1e-5	-5.1e-5	0	0
109	VERT12	PX	-4.7e-5	-4.7e-5	0	0
110	VERT11	PX	-4.7e-5	-4.7e-5	0	0
111	VERT10	PX	-4.7e-5	-4.7e-5	0	0
112	VERT9	PX	-4.7e-5	-4.7e-5	0	0
113	VERT8	PX	-4.7e-5	-4.7e-5	0	0
114	VERT7	PX	-4.7e-5	-4.7e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
115	VERT6	PX	-4.7e-5	-4.7e-5	0	0
116	VERT5	PX	-4.7e-5	-4.7e-5	0	0
117	VERT4	PX	-4.7e-5	-4.7e-5	0	0
118	VERT3	PX	-4.7e-5	-4.7e-5	0	0
119	VERT2	PX	-4.7e-5	-4.7e-5	0	0
120	VERT1	PX	-4.7e-5	-4.7e-5	0	0
121	TIEBACK3	PX	-0.00116	-0.00116	0	0
122	TIEBACK2	PX	-0.00116	-0.00116	0	0
123	TIEBACK1	PX	-0.00116	-0.00116	0	0
124	PIPE3	PX	-0.0028	-0.0028	0	0
125	PIPE2	PX	-0.0028	-0.0028	0	0
126	PIPE1	PX	-0.0028	-0.0028	0	0
127	MP GAMMA5	PX	-0.00501	-0.00501	0	0
128	MP GAMMA4	PX	-0.00501	-0.00501	0	0
129	MP GAMMA3	PX	-0.00501	-0.00501	0	0
130	MP GAMMA2	PX	-0.00501	-0.00501	0	0
131	MP BETA5	PX	-0.00501	-0.00501	0	0
132	MP BETA4	PX	-0.00501	-0.00501	0	0
133	MP BETA3	PX	-0.00501	-0.00501	0	0
134	MP BETA2	PX	-0.00501	-0.00501	0	0
135	MP ALPHA5	PX	-0.00501	-0.00501	0	0
136	MP ALPHA4	PX	-0.00501	-0.00501	0	0
137	MP ALPHA3	PX	-0.00501	-0.00501	0	0
138	MP ALPHA2	PX	-0.00501	-0.00501	0	0
139	KICKER12	PX	-0.00148	-0.00148	0	0
140	KICKER11	PX	-0.00148	-0.00148	0	0
141	KICKER10	PX	-0.00148	-0.00148	0	0
142	KICKER9	PX	-0.00148	-0.00148	0	0
143	KICKER8	PX	-0.00148	-0.00148	0	0
144	KICKER7	PX	-0.00148	-0.00148	0	0
145	KICKER6	PX	-0.00148	-0.00148	0	0
146	KICKER5	PX	-0.00148	-0.00148	0	0
147	KICKER4	PX	-0.00148	-0.00148	0	0
148	KICKER3	PX	-0.00148	-0.00148	0	0
149	KICKER2	PX	-0.00148	-0.00148	0	0
150	KICKER1	PX	-0.00148	-0.00148	0	0
151	FP12	PX	-6.6e-5	-6.6e-5	0	0
152	FP11	PX	-6.6e-5	-6.6e-5	0	0
153	FP10	PX	-6.6e-5	-6.6e-5	0	0
154	FP9	PX	-6.6e-5	-6.6e-5	0	0
155	FP8	PX	-6.6e-5	-6.6e-5	0	0
156	FP7	PX	-6.6e-5	-6.6e-5	0	0
157	FP6	PX	-6.6e-5	-6.6e-5	0	0
158	FP5	PX	-6.6e-5	-6.6e-5	0	0
159	FP4	PX	-6.6e-5	-6.6e-5	0	0
160	FP3	PX	-6.6e-5	-6.6e-5	0	0
161	FP2	PX	-6.6e-5	-6.6e-5	0	0
162	FP1	PX	-6.6e-5	-6.6e-5	0	0
163	FACE3B	PX	-0.00295	-0.00295	0	0
164	FACE3A	PX	-0.00295	-0.00295	0	0
165	FACE2B	PX	-0.00295	-0.00295	0	0
166	FACE2A	PX	-0.00295	-0.00295	0	0
167	FACE1B	PX	-0.00148	-0.00148	0	0
168	FACE1A	PX	-0.00148	-0.00148	0	0
169	DIAG6	PX	-4.7e-5	-4.7e-5	0	0
170	DIAG5	PX	-4.7e-5	-4.7e-5	0	0
171	DIAG4	PX	-4.7e-5	-4.7e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.-%]	End Location[ft.-%]	
172	DIAG3	PX	-4.7e-5	-4.7e-5	0	0
173	DIAG2	PX	-4.7e-5	-4.7e-5	0	0
174	DIAG1	PX	-4.7e-5	-4.7e-5	0	0
175	BP36	PX	-0.00704	-0.00704	0	0
176	BP35	PX	-0.00704	-0.00704	0	0
177	BP34	PX	-0.00704	-0.00704	0	0
178	BP33	PX	-0.00704	-0.00704	0	0
179	BP32	PX	-0.00704	-0.00704	0	0
180	BP31	PX	-0.00704	-0.00704	0	0
181	BP30	PX	-0.00704	-0.00704	0	0
182	BP29	PX	-0.00704	-0.00704	0	0
183	BP28	PX	-0.00704	-0.00704	0	0
184	BP27	PX	-0.00704	-0.00704	0	0
185	BP26	PX	-0.00704	-0.00704	0	0
186	BP25	PX	-0.00704	-0.00704	0	0
187	BP24	PX	-0.00704	-0.00704	0	0
188	BP23	PX	-0.00704	-0.00704	0	0
189	BP22	PX	-0.00704	-0.00704	0	0
190	BP21	PX	-0.00704	-0.00704	0	0
191	BP20	PX	-0.00704	-0.00704	0	0
192	BP19	PX	-0.00704	-0.00704	0	0
193	BP18	PX	-0.00704	-0.00704	0	0
194	BP17	PX	-0.00704	-0.00704	0	0
195	BP16	PX	-0.00704	-0.00704	0	0
196	BP15	PX	-0.00704	-0.00704	0	0
197	BP14	PX	-0.00704	-0.00704	0	0
198	BP13	PX	-0.00704	-0.00704	0	0
199	BP12	PX	-0.00704	-0.00704	0	0
200	BP11	PX	-0.00704	-0.00704	0	0
201	BP10	PX	-0.00704	-0.00704	0	0
202	BP9	PX	-0.00704	-0.00704	0	0
203	BP8	PX	-0.00704	-0.00704	0	0
204	BP7	PX	-0.00704	-0.00704	0	0
205	BP6	PX	-0.00704	-0.00704	0	0
206	BP5	PX	-0.00704	-0.00704	0	0
207	BP4	PX	-0.00704	-0.00704	0	0
208	BP3	PX	-0.00704	-0.00704	0	0
209	BP2	PX	-0.00704	-0.00704	0	0
210	BP1	PX	-0.00704	-0.00704	0	0
211	BACK6	PX	-8.8e-5	-8.8e-5	0	0
212	BACK5	PX	-8.8e-5	-8.8e-5	0	0
213	BACK4	PX	-8.8e-5	-8.8e-5	0	0
214	BACK3	PX	-8.8e-5	-8.8e-5	0	0
215	BACK2	PX	-8.8e-5	-8.8e-5	0	0
216	BACK1	PX	-8.8e-5	-8.8e-5	0	0

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.-%]	End Location[ft.-%]	
1	VERT12	PX	-5.4e-5	-5.4e-5	0	0
2	VERT11	PX	-5.4e-5	-5.4e-5	0	0
3	VERT10	PX	-5.4e-5	-5.4e-5	0	0
4	VERT9	PX	-5.4e-5	-5.4e-5	0	0
5	VERT8	PX	-5.4e-5	-5.4e-5	0	0
6	VERT7	PX	-5.4e-5	-5.4e-5	0	0
7	VERT6	PX	-5.4e-5	-5.4e-5	0	0
8	VERT5	PX	-5.4e-5	-5.4e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
9	VERT4	PX	-5.4e-5	-5.4e-5	0	0
10	VERT3	PX	-5.4e-5	-5.4e-5	0	0
11	VERT2	PX	-5.4e-5	-5.4e-5	0	0
12	VERT1	PX	-5.4e-5	-5.4e-5	0	0
13	TIEBACK3	PX	-0.00134	-0.00134	0	0
14	TIEBACK2	PX	-0.00134	-0.00134	0	0
15	TIEBACK1	PX	-0.00134	-0.00134	0	0
16	PIPE3	PX	-0.00323	-0.00323	0	0
17	PIPE2	PX	-0.00323	-0.00323	0	0
18	PIPE1	PX	-0.00323	-0.00323	0	0
19	MP GAMMA5	PX	-0.00579	-0.00579	0	0
20	MP GAMMA4	PX	-0.00579	-0.00579	0	0
21	MP GAMMA3	PX	-0.00579	-0.00579	0	0
22	MP GAMMA2	PX	-0.00579	-0.00579	0	0
23	MP BETA5	PX	-0.00579	-0.00579	0	0
24	MP BETA4	PX	-0.00579	-0.00579	0	0
25	MP BETA3	PX	-0.00579	-0.00579	0	0
26	MP BETA2	PX	-0.00579	-0.00579	0	0
27	MP ALPHA5	PX	-0.00579	-0.00579	0	0
28	MP ALPHA4	PX	-0.00579	-0.00579	0	0
29	MP ALPHA3	PX	-0.00579	-0.00579	0	0
30	MP ALPHA2	PX	-0.00579	-0.00579	0	0
31	KICKER12	PX	-0.00017	-0.00017	0	0
32	KICKER11	PX	-0.00017	-0.00017	0	0
33	KICKER10	PX	-0.00017	-0.00017	0	0
34	KICKER9	PX	-0.00017	-0.00017	0	0
35	KICKER8	PX	-0.00017	-0.00017	0	0
36	KICKER7	PX	-0.00017	-0.00017	0	0
37	KICKER6	PX	-0.00017	-0.00017	0	0
38	KICKER5	PX	-0.00017	-0.00017	0	0
39	KICKER4	PX	-0.00017	-0.00017	0	0
40	KICKER3	PX	-0.00017	-0.00017	0	0
41	KICKER2	PX	-0.00017	-0.00017	0	0
42	KICKER1	PX	-0.00017	-0.00017	0	0
43	FP12	PX	-7.6e-5	-7.6e-5	0	0
44	FP11	PX	-7.6e-5	-7.6e-5	0	0
45	FP10	PX	-7.6e-5	-7.6e-5	0	0
46	FP9	PX	-7.6e-5	-7.6e-5	0	0
47	FP8	PX	-7.6e-5	-7.6e-5	0	0
48	FP7	PX	-7.6e-5	-7.6e-5	0	0
49	FP6	PX	-7.6e-5	-7.6e-5	0	0
50	FP5	PX	-7.6e-5	-7.6e-5	0	0
51	FP4	PX	-7.6e-5	-7.6e-5	0	0
52	FP3	PX	-7.6e-5	-7.6e-5	0	0
53	FP2	PX	-7.6e-5	-7.6e-5	0	0
54	FP1	PX	-7.6e-5	-7.6e-5	0	0
55	FACE3B	PX	-0.00341	-0.00341	0	0
56	FACE3A	PX	-0.00341	-0.00341	0	0
57	FACE1B	PX	-0.00341	-0.00341	0	0
58	FACE1A	PX	-0.00341	-0.00341	0	0
59	FACE2B	PX	-0.00017	-0.00017	0	0
60	FACE2A	PX	-0.00017	-0.00017	0	0
61	DIAG6	PX	-5.4e-5	-5.4e-5	0	0
62	DIAG5	PX	-5.4e-5	-5.4e-5	0	0
63	DIAG4	PX	-5.4e-5	-5.4e-5	0	0
64	DIAG3	PX	-5.4e-5	-5.4e-5	0	0
65	DIAG2	PX	-5.4e-5	-5.4e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
66	DIAG1	PX	-5.4e-5	-5.4e-5	0	0
67	BP36	PX	-0.00812	-0.00812	0	0
68	BP35	PX	-0.00812	-0.00812	0	0
69	BP34	PX	-0.00812	-0.00812	0	0
70	BP33	PX	-0.00812	-0.00812	0	0
71	BP32	PX	-0.00812	-0.00812	0	0
72	BP31	PX	-0.00812	-0.00812	0	0
73	BP30	PX	-0.00812	-0.00812	0	0
74	BP29	PX	-0.00812	-0.00812	0	0
75	BP28	PX	-0.00812	-0.00812	0	0
76	BP27	PX	-0.00812	-0.00812	0	0
77	BP26	PX	-0.00812	-0.00812	0	0
78	BP25	PX	-0.00812	-0.00812	0	0
79	BP24	PX	-0.00812	-0.00812	0	0
80	BP23	PX	-0.00812	-0.00812	0	0
81	BP22	PX	-0.00812	-0.00812	0	0
82	BP21	PX	-0.00812	-0.00812	0	0
83	BP20	PX	-0.00812	-0.00812	0	0
84	BP19	PX	-0.00812	-0.00812	0	0
85	BP18	PX	-0.00812	-0.00812	0	0
86	BP17	PX	-0.00812	-0.00812	0	0
87	BP16	PX	-0.00812	-0.00812	0	0
88	BP15	PX	-0.00812	-0.00812	0	0
89	BP14	PX	-0.00812	-0.00812	0	0
90	BP13	PX	-0.00812	-0.00812	0	0
91	BP12	PX	-0.00812	-0.00812	0	0
92	BP11	PX	-0.00812	-0.00812	0	0
93	BP10	PX	-0.00812	-0.00812	0	0
94	BP9	PX	-0.00812	-0.00812	0	0
95	BP8	PX	-0.00812	-0.00812	0	0
96	BP7	PX	-0.00812	-0.00812	0	0
97	BP6	PX	-0.00812	-0.00812	0	0
98	BP5	PX	-0.00812	-0.00812	0	0
99	BP4	PX	-0.00812	-0.00812	0	0
100	BP3	PX	-0.00812	-0.00812	0	0
101	BP2	PX	-0.00812	-0.00812	0	0
102	BP1	PX	-0.00812	-0.00812	0	0
103	BACK6	PX	-0.00102	-0.00102	0	0
104	BACK5	PX	-0.00102	-0.00102	0	0
105	BACK4	PX	-0.00102	-0.00102	0	0
106	BACK3	PX	-0.00102	-0.00102	0	0
107	BACK2	PX	-0.00102	-0.00102	0	0
108	BACK1	PX	-0.00102	-0.00102	0	0

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
1	VERT12	PY	2.7e-5	2.7e-5	0	0
2	VERT11	PY	2.7e-5	2.7e-5	0	0
3	VERT10	PY	2.7e-5	2.7e-5	0	0
4	VERT9	PY	2.7e-5	2.7e-5	0	0
5	VERT8	PY	2.7e-5	2.7e-5	0	0
6	VERT7	PY	2.7e-5	2.7e-5	0	0
7	VERT6	PY	2.7e-5	2.7e-5	0	0
8	VERT5	PY	2.7e-5	2.7e-5	0	0
9	VERT4	PY	2.7e-5	2.7e-5	0	0
10	VERT3	PY	2.7e-5	2.7e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 19 : Maintenance (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.-%]	End Location[ft.-%]	
11	VERT2	PY	2.7e-5	2.7e-5	0	0
12	VERT1	PY	2.7e-5	2.7e-5	0	0
13	TIEBACK3	PY	6.7e-5	6.7e-5	0	0
14	TIEBACK2	PY	6.7e-5	6.7e-5	0	0
15	TIEBACK1	PY	6.7e-5	6.7e-5	0	0
16	PIPE3	PY	.000161	.000161	0	0
17	PIPE2	PY	.000161	.000161	0	0
18	PIPE1	PY	.000161	.000161	0	0
19	MP GAMMA5	PY	.000289	.000289	0	0
20	MP GAMMA4	PY	.000289	.000289	0	0
21	MP GAMMA3	PY	.000289	.000289	0	0
22	MP GAMMA2	PY	.000289	.000289	0	0
23	MP BETA5	PY	.000289	.000289	0	0
24	MP BETA4	PY	.000289	.000289	0	0
25	MP BETA3	PY	.000289	.000289	0	0
26	MP BETA2	PY	.000289	.000289	0	0
27	MP ALPHA5	PY	.000289	.000289	0	0
28	MP ALPHA4	PY	.000289	.000289	0	0
29	MP ALPHA3	PY	.000289	.000289	0	0
30	MP ALPHA2	PY	.000289	.000289	0	0
31	KICKER12	PY	8.5e-5	8.5e-5	0	0
32	KICKER11	PY	8.5e-5	8.5e-5	0	0
33	KICKER10	PY	8.5e-5	8.5e-5	0	0
34	KICKER9	PY	8.5e-5	8.5e-5	0	0
35	KICKER8	PY	8.5e-5	8.5e-5	0	0
36	KICKER7	PY	8.5e-5	8.5e-5	0	0
37	KICKER6	PY	8.5e-5	8.5e-5	0	0
38	KICKER5	PY	8.5e-5	8.5e-5	0	0
39	KICKER4	PY	8.5e-5	8.5e-5	0	0
40	KICKER3	PY	8.5e-5	8.5e-5	0	0
41	KICKER2	PY	8.5e-5	8.5e-5	0	0
42	KICKER1	PY	8.5e-5	8.5e-5	0	0
43	FP12	PY	3.8e-5	3.8e-5	0	0
44	FP11	PY	3.8e-5	3.8e-5	0	0
45	FP10	PY	3.8e-5	3.8e-5	0	0
46	FP9	PY	3.8e-5	3.8e-5	0	0
47	FP8	PY	3.8e-5	3.8e-5	0	0
48	FP7	PY	3.8e-5	3.8e-5	0	0
49	FP6	PY	3.8e-5	3.8e-5	0	0
50	FP5	PY	3.8e-5	3.8e-5	0	0
51	FP4	PY	3.8e-5	3.8e-5	0	0
52	FP3	PY	3.8e-5	3.8e-5	0	0
53	FP2	PY	3.8e-5	3.8e-5	0	0
54	FP1	PY	3.8e-5	3.8e-5	0	0
55	FACE3B	PY	.00017	.00017	0	0
56	FACE3A	PY	.00017	.00017	0	0
57	FACE1B	PY	.00017	.00017	0	0
58	FACE1A	PY	.00017	.00017	0	0
59	FACE2B	PY	8.5e-5	8.5e-5	0	0
60	FACE2A	PY	8.5e-5	8.5e-5	0	0
61	DIAG6	PY	2.7e-5	2.7e-5	0	0
62	DIAG5	PY	2.7e-5	2.7e-5	0	0
63	DIAG4	PY	2.7e-5	2.7e-5	0	0
64	DIAG3	PY	2.7e-5	2.7e-5	0	0
65	DIAG2	PY	2.7e-5	2.7e-5	0	0
66	DIAG1	PY	2.7e-5	2.7e-5	0	0
67	BP36	PY	.000406	.000406	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 19 : Maintenance (120)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]
68	BP35	PY	.000406	.000406	0	0
69	BP34	PY	.000406	.000406	0	0
70	BP33	PY	.000406	.000406	0	0
71	BP32	PY	.000406	.000406	0	0
72	BP31	PY	.000406	.000406	0	0
73	BP30	PY	.000406	.000406	0	0
74	BP29	PY	.000406	.000406	0	0
75	BP28	PY	.000406	.000406	0	0
76	BP27	PY	.000406	.000406	0	0
77	BP26	PY	.000406	.000406	0	0
78	BP25	PY	.000406	.000406	0	0
79	BP24	PY	.000406	.000406	0	0
80	BP23	PY	.000406	.000406	0	0
81	BP22	PY	.000406	.000406	0	0
82	BP21	PY	.000406	.000406	0	0
83	BP20	PY	.000406	.000406	0	0
84	BP19	PY	.000406	.000406	0	0
85	BP18	PY	.000406	.000406	0	0
86	BP17	PY	.000406	.000406	0	0
87	BP16	PY	.000406	.000406	0	0
88	BP15	PY	.000406	.000406	0	0
89	BP14	PY	.000406	.000406	0	0
90	BP13	PY	.000406	.000406	0	0
91	BP12	PY	.000406	.000406	0	0
92	BP11	PY	.000406	.000406	0	0
93	BP10	PY	.000406	.000406	0	0
94	BP9	PY	.000406	.000406	0	0
95	BP8	PY	.000406	.000406	0	0
96	BP7	PY	.000406	.000406	0	0
97	BP6	PY	.000406	.000406	0	0
98	BP5	PY	.000406	.000406	0	0
99	BP4	PY	.000406	.000406	0	0
100	BP3	PY	.000406	.000406	0	0
101	BP2	PY	.000406	.000406	0	0
102	BP1	PY	.000406	.000406	0	0
103	BACK6	PY	5.1e-5	5.1e-5	0	0
104	BACK5	PY	5.1e-5	5.1e-5	0	0
105	BACK4	PY	5.1e-5	5.1e-5	0	0
106	BACK3	PY	5.1e-5	5.1e-5	0	0
107	BACK2	PY	5.1e-5	5.1e-5	0	0
108	BACK1	PY	5.1e-5	5.1e-5	0	0
109	VERT12	PX	-4.7e-5	-4.7e-5	0	0
110	VERT11	PX	-4.7e-5	-4.7e-5	0	0
111	VERT10	PX	-4.7e-5	-4.7e-5	0	0
112	VERT9	PX	-4.7e-5	-4.7e-5	0	0
113	VERT8	PX	-4.7e-5	-4.7e-5	0	0
114	VERT7	PX	-4.7e-5	-4.7e-5	0	0
115	VERT6	PX	-4.7e-5	-4.7e-5	0	0
116	VERT5	PX	-4.7e-5	-4.7e-5	0	0
117	VERT4	PX	-4.7e-5	-4.7e-5	0	0
118	VERT3	PX	-4.7e-5	-4.7e-5	0	0
119	VERT2	PX	-4.7e-5	-4.7e-5	0	0
120	VERT1	PX	-4.7e-5	-4.7e-5	0	0
121	TIEBACK3	PX	-0.00116	-0.00116	0	0
122	TIEBACK2	PX	-0.00116	-0.00116	0	0
123	TIEBACK1	PX	-0.00116	-0.00116	0	0
124	PIPE3	PX	-0.0028	-0.0028	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
125	PIPE2	PX	-0.0028	-0.0028	0	0
126	PIPE1	PX	-0.0028	-0.0028	0	0
127	MP GAMMA5	PX	-0.00501	-0.00501	0	0
128	MP GAMMA4	PX	-0.00501	-0.00501	0	0
129	MP GAMMA3	PX	-0.00501	-0.00501	0	0
130	MP GAMMA2	PX	-0.00501	-0.00501	0	0
131	MP BETA5	PX	-0.00501	-0.00501	0	0
132	MP BETA4	PX	-0.00501	-0.00501	0	0
133	MP BETA3	PX	-0.00501	-0.00501	0	0
134	MP BETA2	PX	-0.00501	-0.00501	0	0
135	MP ALPHA5	PX	-0.00501	-0.00501	0	0
136	MP ALPHA4	PX	-0.00501	-0.00501	0	0
137	MP ALPHA3	PX	-0.00501	-0.00501	0	0
138	MP ALPHA2	PX	-0.00501	-0.00501	0	0
139	KICKER12	PX	-0.00148	-0.00148	0	0
140	KICKER11	PX	-0.00148	-0.00148	0	0
141	KICKER10	PX	-0.00148	-0.00148	0	0
142	KICKER9	PX	-0.00148	-0.00148	0	0
143	KICKER8	PX	-0.00148	-0.00148	0	0
144	KICKER7	PX	-0.00148	-0.00148	0	0
145	KICKER6	PX	-0.00148	-0.00148	0	0
146	KICKER5	PX	-0.00148	-0.00148	0	0
147	KICKER4	PX	-0.00148	-0.00148	0	0
148	KICKER3	PX	-0.00148	-0.00148	0	0
149	KICKER2	PX	-0.00148	-0.00148	0	0
150	KICKER1	PX	-0.00148	-0.00148	0	0
151	FP12	PX	-6.6e-5	-6.6e-5	0	0
152	FP11	PX	-6.6e-5	-6.6e-5	0	0
153	FP10	PX	-6.6e-5	-6.6e-5	0	0
154	FP9	PX	-6.6e-5	-6.6e-5	0	0
155	FP8	PX	-6.6e-5	-6.6e-5	0	0
156	FP7	PX	-6.6e-5	-6.6e-5	0	0
157	FP6	PX	-6.6e-5	-6.6e-5	0	0
158	FP5	PX	-6.6e-5	-6.6e-5	0	0
159	FP4	PX	-6.6e-5	-6.6e-5	0	0
160	FP3	PX	-6.6e-5	-6.6e-5	0	0
161	FP2	PX	-6.6e-5	-6.6e-5	0	0
162	FP1	PX	-6.6e-5	-6.6e-5	0	0
163	FACE3B	PX	-0.00295	-0.00295	0	0
164	FACE3A	PX	-0.00295	-0.00295	0	0
165	FACE1B	PX	-0.00295	-0.00295	0	0
166	FACE1A	PX	-0.00295	-0.00295	0	0
167	FACE2B	PX	-0.00148	-0.00148	0	0
168	FACE2A	PX	-0.00148	-0.00148	0	0
169	DIAG6	PX	-4.7e-5	-4.7e-5	0	0
170	DIAG5	PX	-4.7e-5	-4.7e-5	0	0
171	DIAG4	PX	-4.7e-5	-4.7e-5	0	0
172	DIAG3	PX	-4.7e-5	-4.7e-5	0	0
173	DIAG2	PX	-4.7e-5	-4.7e-5	0	0
174	DIAG1	PX	-4.7e-5	-4.7e-5	0	0
175	BP36	PX	-0.00704	-0.00704	0	0
176	BP35	PX	-0.00704	-0.00704	0	0
177	BP34	PX	-0.00704	-0.00704	0	0
178	BP33	PX	-0.00704	-0.00704	0	0
179	BP32	PX	-0.00704	-0.00704	0	0
180	BP31	PX	-0.00704	-0.00704	0	0
181	BP30	PX	-0.00704	-0.00704	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 19 : Maintenance (120)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.-%]	End Location[ft.-%]
182	BP29	PX	-0.00704	-0.00704	0	0
183	BP28	PX	-0.00704	-0.00704	0	0
184	BP27	PX	-0.00704	-0.00704	0	0
185	BP26	PX	-0.00704	-0.00704	0	0
186	BP25	PX	-0.00704	-0.00704	0	0
187	BP24	PX	-0.00704	-0.00704	0	0
188	BP23	PX	-0.00704	-0.00704	0	0
189	BP22	PX	-0.00704	-0.00704	0	0
190	BP21	PX	-0.00704	-0.00704	0	0
191	BP20	PX	-0.00704	-0.00704	0	0
192	BP19	PX	-0.00704	-0.00704	0	0
193	BP18	PX	-0.00704	-0.00704	0	0
194	BP17	PX	-0.00704	-0.00704	0	0
195	BP16	PX	-0.00704	-0.00704	0	0
196	BP15	PX	-0.00704	-0.00704	0	0
197	BP14	PX	-0.00704	-0.00704	0	0
198	BP13	PX	-0.00704	-0.00704	0	0
199	BP12	PX	-0.00704	-0.00704	0	0
200	BP11	PX	-0.00704	-0.00704	0	0
201	BP10	PX	-0.00704	-0.00704	0	0
202	BP9	PX	-0.00704	-0.00704	0	0
203	BP8	PX	-0.00704	-0.00704	0	0
204	BP7	PX	-0.00704	-0.00704	0	0
205	BP6	PX	-0.00704	-0.00704	0	0
206	BP5	PX	-0.00704	-0.00704	0	0
207	BP4	PX	-0.00704	-0.00704	0	0
208	BP3	PX	-0.00704	-0.00704	0	0
209	BP2	PX	-0.00704	-0.00704	0	0
210	BP1	PX	-0.00704	-0.00704	0	0
211	BACK6	PX	-8.8e-5	-8.8e-5	0	0
212	BACK5	PX	-8.8e-5	-8.8e-5	0	0
213	BACK4	PX	-8.8e-5	-8.8e-5	0	0
214	BACK3	PX	-8.8e-5	-8.8e-5	0	0
215	BACK2	PX	-8.8e-5	-8.8e-5	0	0
216	BACK1	PX	-8.8e-5	-8.8e-5	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.-%]	End Location[ft.-%]
1	VERT12	PY	4.7e-5	4.7e-5	0	0
2	VERT11	PY	4.7e-5	4.7e-5	0	0
3	VERT10	PY	4.7e-5	4.7e-5	0	0
4	VERT9	PY	4.7e-5	4.7e-5	0	0
5	VERT8	PY	4.7e-5	4.7e-5	0	0
6	VERT7	PY	4.7e-5	4.7e-5	0	0
7	VERT6	PY	4.7e-5	4.7e-5	0	0
8	VERT5	PY	4.7e-5	4.7e-5	0	0
9	VERT4	PY	4.7e-5	4.7e-5	0	0
10	VERT3	PY	4.7e-5	4.7e-5	0	0
11	VERT2	PY	4.7e-5	4.7e-5	0	0
12	VERT1	PY	4.7e-5	4.7e-5	0	0
13	TIEBACK3	PY	.000116	.000116	0	0
14	TIEBACK2	PY	.000116	.000116	0	0
15	TIEBACK1	PY	.000116	.000116	0	0
16	PIPE3	PY	.00028	.00028	0	0
17	PIPE2	PY	.00028	.00028	0	0
18	PIPE1	PY	.00028	.00028	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
19	MP GAMMA5	PY	.000501	.000501	0	0
20	MP GAMMA4	PY	.000501	.000501	0	0
21	MP GAMMA3	PY	.000501	.000501	0	0
22	MP GAMMA2	PY	.000501	.000501	0	0
23	MP BETA5	PY	.000501	.000501	0	0
24	MP BETA4	PY	.000501	.000501	0	0
25	MP BETA3	PY	.000501	.000501	0	0
26	MP BETA2	PY	.000501	.000501	0	0
27	MP ALPHA5	PY	.000501	.000501	0	0
28	MP ALPHA4	PY	.000501	.000501	0	0
29	MP ALPHA3	PY	.000501	.000501	0	0
30	MP ALPHA2	PY	.000501	.000501	0	0
31	KICKER12	PY	.000148	.000148	0	0
32	KICKER11	PY	.000148	.000148	0	0
33	KICKER10	PY	.000148	.000148	0	0
34	KICKER9	PY	.000148	.000148	0	0
35	KICKER8	PY	.000148	.000148	0	0
36	KICKER7	PY	.000148	.000148	0	0
37	KICKER6	PY	.000148	.000148	0	0
38	KICKER5	PY	.000148	.000148	0	0
39	KICKER4	PY	.000148	.000148	0	0
40	KICKER3	PY	.000148	.000148	0	0
41	KICKER2	PY	.000148	.000148	0	0
42	KICKER1	PY	.000148	.000148	0	0
43	FP12	PY	6.6e-5	6.6e-5	0	0
44	FP11	PY	6.6e-5	6.6e-5	0	0
45	FP10	PY	6.6e-5	6.6e-5	0	0
46	FP9	PY	6.6e-5	6.6e-5	0	0
47	FP8	PY	6.6e-5	6.6e-5	0	0
48	FP7	PY	6.6e-5	6.6e-5	0	0
49	FP6	PY	6.6e-5	6.6e-5	0	0
50	FP5	PY	6.6e-5	6.6e-5	0	0
51	FP4	PY	6.6e-5	6.6e-5	0	0
52	FP3	PY	6.6e-5	6.6e-5	0	0
53	FP2	PY	6.6e-5	6.6e-5	0	0
54	FP1	PY	6.6e-5	6.6e-5	0	0
55	FACE3B	PY	.000295	.000295	0	0
56	FACE3A	PY	.000295	.000295	0	0
57	FACE1B	PY	.000295	.000295	0	0
58	FACE1A	PY	.000295	.000295	0	0
59	FACE2B	PY	.000148	.000148	0	0
60	FACE2A	PY	.000148	.000148	0	0
61	DIAG6	PY	4.7e-5	4.7e-5	0	0
62	DIAG5	PY	4.7e-5	4.7e-5	0	0
63	DIAG4	PY	4.7e-5	4.7e-5	0	0
64	DIAG3	PY	4.7e-5	4.7e-5	0	0
65	DIAG2	PY	4.7e-5	4.7e-5	0	0
66	DIAG1	PY	4.7e-5	4.7e-5	0	0
67	BP36	PY	.000704	.000704	0	0
68	BP35	PY	.000704	.000704	0	0
69	BP34	PY	.000704	.000704	0	0
70	BP33	PY	.000704	.000704	0	0
71	BP32	PY	.000704	.000704	0	0
72	BP31	PY	.000704	.000704	0	0
73	BP30	PY	.000704	.000704	0	0
74	BP29	PY	.000704	.000704	0	0
75	BP28	PY	.000704	.000704	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
76	BP27	PY	.000704	.000704	0	0
77	BP26	PY	.000704	.000704	0	0
78	BP25	PY	.000704	.000704	0	0
79	BP24	PY	.000704	.000704	0	0
80	BP23	PY	.000704	.000704	0	0
81	BP22	PY	.000704	.000704	0	0
82	BP21	PY	.000704	.000704	0	0
83	BP20	PY	.000704	.000704	0	0
84	BP19	PY	.000704	.000704	0	0
85	BP18	PY	.000704	.000704	0	0
86	BP17	PY	.000704	.000704	0	0
87	BP16	PY	.000704	.000704	0	0
88	BP15	PY	.000704	.000704	0	0
89	BP14	PY	.000704	.000704	0	0
90	BP13	PY	.000704	.000704	0	0
91	BP12	PY	.000704	.000704	0	0
92	BP11	PY	.000704	.000704	0	0
93	BP10	PY	.000704	.000704	0	0
94	BP9	PY	.000704	.000704	0	0
95	BP8	PY	.000704	.000704	0	0
96	BP7	PY	.000704	.000704	0	0
97	BP6	PY	.000704	.000704	0	0
98	BP5	PY	.000704	.000704	0	0
99	BP4	PY	.000704	.000704	0	0
100	BP3	PY	.000704	.000704	0	0
101	BP2	PY	.000704	.000704	0	0
102	BP1	PY	.000704	.000704	0	0
103	BACK6	PY	8.8e-5	8.8e-5	0	0
104	BACK5	PY	8.8e-5	8.8e-5	0	0
105	BACK4	PY	8.8e-5	8.8e-5	0	0
106	BACK3	PY	8.8e-5	8.8e-5	0	0
107	BACK2	PY	8.8e-5	8.8e-5	0	0
108	BACK1	PY	8.8e-5	8.8e-5	0	0
109	VERT12	PX	-2.7e-5	-2.7e-5	0	0
110	VERT11	PX	-2.7e-5	-2.7e-5	0	0
111	VERT10	PX	-2.7e-5	-2.7e-5	0	0
112	VERT9	PX	-2.7e-5	-2.7e-5	0	0
113	VERT8	PX	-2.7e-5	-2.7e-5	0	0
114	VERT7	PX	-2.7e-5	-2.7e-5	0	0
115	VERT6	PX	-2.7e-5	-2.7e-5	0	0
116	VERT5	PX	-2.7e-5	-2.7e-5	0	0
117	VERT4	PX	-2.7e-5	-2.7e-5	0	0
118	VERT3	PX	-2.7e-5	-2.7e-5	0	0
119	VERT2	PX	-2.7e-5	-2.7e-5	0	0
120	VERT1	PX	-2.7e-5	-2.7e-5	0	0
121	TIEBACK3	PX	-6.7e-5	-6.7e-5	0	0
122	TIEBACK2	PX	-6.7e-5	-6.7e-5	0	0
123	TIEBACK1	PX	-6.7e-5	-6.7e-5	0	0
124	PIPE3	PX	-.000161	-.000161	0	0
125	PIPE2	PX	-.000161	-.000161	0	0
126	PIPE1	PX	-.000161	-.000161	0	0
127	MP GAMMA5	PX	-.000289	-.000289	0	0
128	MP GAMMA4	PX	-.000289	-.000289	0	0
129	MP GAMMA3	PX	-.000289	-.000289	0	0
130	MP GAMMA2	PX	-.000289	-.000289	0	0
131	MP BETA5	PX	-.000289	-.000289	0	0
132	MP BETA4	PX	-.000289	-.000289	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
133	MP BETA3	PX	-0.00289	-0.00289	0 0
134	MP BETA2	PX	-0.00289	-0.00289	0 0
135	MP ALPHA5	PX	-0.00289	-0.00289	0 0
136	MP ALPHA4	PX	-0.00289	-0.00289	0 0
137	MP ALPHA3	PX	-0.00289	-0.00289	0 0
138	MP ALPHA2	PX	-0.00289	-0.00289	0 0
139	KICKER12	PX	-8.5e-5	-8.5e-5	0 0
140	KICKER11	PX	-8.5e-5	-8.5e-5	0 0
141	KICKER10	PX	-8.5e-5	-8.5e-5	0 0
142	KICKER9	PX	-8.5e-5	-8.5e-5	0 0
143	KICKER8	PX	-8.5e-5	-8.5e-5	0 0
144	KICKER7	PX	-8.5e-5	-8.5e-5	0 0
145	KICKER6	PX	-8.5e-5	-8.5e-5	0 0
146	KICKER5	PX	-8.5e-5	-8.5e-5	0 0
147	KICKER4	PX	-8.5e-5	-8.5e-5	0 0
148	KICKER3	PX	-8.5e-5	-8.5e-5	0 0
149	KICKER2	PX	-8.5e-5	-8.5e-5	0 0
150	KICKER1	PX	-8.5e-5	-8.5e-5	0 0
151	FP12	PX	-3.8e-5	-3.8e-5	0 0
152	FP11	PX	-3.8e-5	-3.8e-5	0 0
153	FP10	PX	-3.8e-5	-3.8e-5	0 0
154	FP9	PX	-3.8e-5	-3.8e-5	0 0
155	FP8	PX	-3.8e-5	-3.8e-5	0 0
156	FP7	PX	-3.8e-5	-3.8e-5	0 0
157	FP6	PX	-3.8e-5	-3.8e-5	0 0
158	FP5	PX	-3.8e-5	-3.8e-5	0 0
159	FP4	PX	-3.8e-5	-3.8e-5	0 0
160	FP3	PX	-3.8e-5	-3.8e-5	0 0
161	FP2	PX	-3.8e-5	-3.8e-5	0 0
162	FP1	PX	-3.8e-5	-3.8e-5	0 0
163	FACE3B	PX	-0.0017	-0.0017	0 0
164	FACE3A	PX	-0.0017	-0.0017	0 0
165	FACE1B	PX	-0.0017	-0.0017	0 0
166	FACE1A	PX	-0.0017	-0.0017	0 0
167	FACE2B	PX	-8.5e-5	-8.5e-5	0 0
168	FACE2A	PX	-8.5e-5	-8.5e-5	0 0
169	DIAG6	PX	-2.7e-5	-2.7e-5	0 0
170	DIAG5	PX	-2.7e-5	-2.7e-5	0 0
171	DIAG4	PX	-2.7e-5	-2.7e-5	0 0
172	DIAG3	PX	-2.7e-5	-2.7e-5	0 0
173	DIAG2	PX	-2.7e-5	-2.7e-5	0 0
174	DIAG1	PX	-2.7e-5	-2.7e-5	0 0
175	BP36	PX	-0.00406	-0.00406	0 0
176	BP35	PX	-0.00406	-0.00406	0 0
177	BP34	PX	-0.00406	-0.00406	0 0
178	BP33	PX	-0.00406	-0.00406	0 0
179	BP32	PX	-0.00406	-0.00406	0 0
180	BP31	PX	-0.00406	-0.00406	0 0
181	BP30	PX	-0.00406	-0.00406	0 0
182	BP29	PX	-0.00406	-0.00406	0 0
183	BP28	PX	-0.00406	-0.00406	0 0
184	BP27	PX	-0.00406	-0.00406	0 0
185	BP26	PX	-0.00406	-0.00406	0 0
186	BP25	PX	-0.00406	-0.00406	0 0
187	BP24	PX	-0.00406	-0.00406	0 0
188	BP23	PX	-0.00406	-0.00406	0 0
189	BP22	PX	-0.00406	-0.00406	0 0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
190	BP21	PX	-0.00406	-0.00406	0	0
191	BP20	PX	-0.00406	-0.00406	0	0
192	BP19	PX	-0.00406	-0.00406	0	0
193	BP18	PX	-0.00406	-0.00406	0	0
194	BP17	PX	-0.00406	-0.00406	0	0
195	BP16	PX	-0.00406	-0.00406	0	0
196	BP15	PX	-0.00406	-0.00406	0	0
197	BP14	PX	-0.00406	-0.00406	0	0
198	BP13	PX	-0.00406	-0.00406	0	0
199	BP12	PX	-0.00406	-0.00406	0	0
200	BP11	PX	-0.00406	-0.00406	0	0
201	BP10	PX	-0.00406	-0.00406	0	0
202	BP9	PX	-0.00406	-0.00406	0	0
203	BP8	PX	-0.00406	-0.00406	0	0
204	BP7	PX	-0.00406	-0.00406	0	0
205	BP6	PX	-0.00406	-0.00406	0	0
206	BP5	PX	-0.00406	-0.00406	0	0
207	BP4	PX	-0.00406	-0.00406	0	0
208	BP3	PX	-0.00406	-0.00406	0	0
209	BP2	PX	-0.00406	-0.00406	0	0
210	BP1	PX	-0.00406	-0.00406	0	0
211	BACK6	PX	-5.1e-5	-5.1e-5	0	0
212	BACK5	PX	-5.1e-5	-5.1e-5	0	0
213	BACK4	PX	-5.1e-5	-5.1e-5	0	0
214	BACK3	PX	-5.1e-5	-5.1e-5	0	0
215	BACK2	PX	-5.1e-5	-5.1e-5	0	0
216	BACK1	PX	-5.1e-5	-5.1e-5	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	5.4e-5	5.4e-5	0	0
2	VERT11	PY	5.4e-5	5.4e-5	0	0
3	VERT10	PY	5.4e-5	5.4e-5	0	0
4	VERT9	PY	5.4e-5	5.4e-5	0	0
5	VERT8	PY	5.4e-5	5.4e-5	0	0
6	VERT7	PY	5.4e-5	5.4e-5	0	0
7	VERT6	PY	5.4e-5	5.4e-5	0	0
8	VERT5	PY	5.4e-5	5.4e-5	0	0
9	VERT4	PY	5.4e-5	5.4e-5	0	0
10	VERT3	PY	5.4e-5	5.4e-5	0	0
11	VERT2	PY	5.4e-5	5.4e-5	0	0
12	VERT1	PY	5.4e-5	5.4e-5	0	0
13	TIEBACK3	PY	.000134	.000134	0	0
14	TIEBACK2	PY	.000134	.000134	0	0
15	TIEBACK1	PY	.000134	.000134	0	0
16	PIPE3	PY	.000323	.000323	0	0
17	PIPE2	PY	.000323	.000323	0	0
18	PIPE1	PY	.000323	.000323	0	0
19	MP GAMMA5	PY	.000579	.000579	0	0
20	MP GAMMA4	PY	.000579	.000579	0	0
21	MP GAMMA3	PY	.000579	.000579	0	0
22	MP GAMMA2	PY	.000579	.000579	0	0
23	MP BETA5	PY	.000579	.000579	0	0
24	MP BETA4	PY	.000579	.000579	0	0
25	MP BETA3	PY	.000579	.000579	0	0
26	MP BETA2	PY	.000579	.000579	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
27	MP ALPHA5	PY	.000579	.000579	0	0
28	MP ALPHA4	PY	.000579	.000579	0	0
29	MP ALPHA3	PY	.000579	.000579	0	0
30	MP ALPHA2	PY	.000579	.000579	0	0
31	KICKER12	PY	.00017	.00017	0	0
32	KICKER11	PY	.00017	.00017	0	0
33	KICKER10	PY	.00017	.00017	0	0
34	KICKER9	PY	.00017	.00017	0	0
35	KICKER8	PY	.00017	.00017	0	0
36	KICKER7	PY	.00017	.00017	0	0
37	KICKER6	PY	.00017	.00017	0	0
38	KICKER5	PY	.00017	.00017	0	0
39	KICKER4	PY	.00017	.00017	0	0
40	KICKER3	PY	.00017	.00017	0	0
41	KICKER2	PY	.00017	.00017	0	0
42	KICKER1	PY	.00017	.00017	0	0
43	FP12	PY	7.6e-5	7.6e-5	0	0
44	FP11	PY	7.6e-5	7.6e-5	0	0
45	FP10	PY	7.6e-5	7.6e-5	0	0
46	FP9	PY	7.6e-5	7.6e-5	0	0
47	FP8	PY	7.6e-5	7.6e-5	0	0
48	FP7	PY	7.6e-5	7.6e-5	0	0
49	FP6	PY	7.6e-5	7.6e-5	0	0
50	FP5	PY	7.6e-5	7.6e-5	0	0
51	FP4	PY	7.6e-5	7.6e-5	0	0
52	FP3	PY	7.6e-5	7.6e-5	0	0
53	FP2	PY	7.6e-5	7.6e-5	0	0
54	FP1	PY	7.6e-5	7.6e-5	0	0
55	FACE3B	PY	.000341	.000341	0	0
56	FACE3A	PY	.000341	.000341	0	0
57	FACE1B	PY	.000341	.000341	0	0
58	FACE1A	PY	.000341	.000341	0	0
59	FACE2B	PY	.00017	.00017	0	0
60	FACE2A	PY	.00017	.00017	0	0
61	DIAG6	PY	5.4e-5	5.4e-5	0	0
62	DIAG5	PY	5.4e-5	5.4e-5	0	0
63	DIAG4	PY	5.4e-5	5.4e-5	0	0
64	DIAG3	PY	5.4e-5	5.4e-5	0	0
65	DIAG2	PY	5.4e-5	5.4e-5	0	0
66	DIAG1	PY	5.4e-5	5.4e-5	0	0
67	BP36	PY	.000812	.000812	0	0
68	BP35	PY	.000812	.000812	0	0
69	BP34	PY	.000812	.000812	0	0
70	BP33	PY	.000812	.000812	0	0
71	BP32	PY	.000812	.000812	0	0
72	BP31	PY	.000812	.000812	0	0
73	BP30	PY	.000812	.000812	0	0
74	BP29	PY	.000812	.000812	0	0
75	BP28	PY	.000812	.000812	0	0
76	BP27	PY	.000812	.000812	0	0
77	BP26	PY	.000812	.000812	0	0
78	BP25	PY	.000812	.000812	0	0
79	BP24	PY	.000812	.000812	0	0
80	BP23	PY	.000812	.000812	0	0
81	BP22	PY	.000812	.000812	0	0
82	BP21	PY	.000812	.000812	0	0
83	BP20	PY	.000812	.000812	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
84	BP19	PY	.000812	.000812	0	0
85	BP18	PY	.000812	.000812	0	0
86	BP17	PY	.000812	.000812	0	0
87	BP16	PY	.000812	.000812	0	0
88	BP15	PY	.000812	.000812	0	0
89	BP14	PY	.000812	.000812	0	0
90	BP13	PY	.000812	.000812	0	0
91	BP12	PY	.000812	.000812	0	0
92	BP11	PY	.000812	.000812	0	0
93	BP10	PY	.000812	.000812	0	0
94	BP9	PY	.000812	.000812	0	0
95	BP8	PY	.000812	.000812	0	0
96	BP7	PY	.000812	.000812	0	0
97	BP6	PY	.000812	.000812	0	0
98	BP5	PY	.000812	.000812	0	0
99	BP4	PY	.000812	.000812	0	0
100	BP3	PY	.000812	.000812	0	0
101	BP2	PY	.000812	.000812	0	0
102	BP1	PY	.000812	.000812	0	0
103	BACK6	PY	.000102	.000102	0	0
104	BACK5	PY	.000102	.000102	0	0
105	BACK4	PY	.000102	.000102	0	0
106	BACK3	PY	.000102	.000102	0	0
107	BACK2	PY	.000102	.000102	0	0
108	BACK1	PY	.000102	.000102	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	4.7e-5	4.7e-5	0	0
2	VERT11	PY	4.7e-5	4.7e-5	0	0
3	VERT10	PY	4.7e-5	4.7e-5	0	0
4	VERT9	PY	4.7e-5	4.7e-5	0	0
5	VERT8	PY	4.7e-5	4.7e-5	0	0
6	VERT7	PY	4.7e-5	4.7e-5	0	0
7	VERT6	PY	4.7e-5	4.7e-5	0	0
8	VERT5	PY	4.7e-5	4.7e-5	0	0
9	VERT4	PY	4.7e-5	4.7e-5	0	0
10	VERT3	PY	4.7e-5	4.7e-5	0	0
11	VERT2	PY	4.7e-5	4.7e-5	0	0
12	VERT1	PY	4.7e-5	4.7e-5	0	0
13	TIEBACK3	PY	.000116	.000116	0	0
14	TIEBACK2	PY	.000116	.000116	0	0
15	TIEBACK1	PY	.000116	.000116	0	0
16	PIPE3	PY	.00028	.00028	0	0
17	PIPE2	PY	.00028	.00028	0	0
18	PIPE1	PY	.00028	.00028	0	0
19	MP GAMMA5	PY	.000501	.000501	0	0
20	MP GAMMA4	PY	.000501	.000501	0	0
21	MP GAMMA3	PY	.000501	.000501	0	0
22	MP GAMMA2	PY	.000501	.000501	0	0
23	MP BETA5	PY	.000501	.000501	0	0
24	MP BETA4	PY	.000501	.000501	0	0
25	MP BETA3	PY	.000501	.000501	0	0
26	MP BETA2	PY	.000501	.000501	0	0
27	MP ALPHA5	PY	.000501	.000501	0	0
28	MP ALPHA4	PY	.000501	.000501	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
29	MP ALPHA3	PY	.000501	.000501	0	0
30	MP ALPHA2	PY	.000501	.000501	0	0
31	KICKER12	PY	.000148	.000148	0	0
32	KICKER11	PY	.000148	.000148	0	0
33	KICKER10	PY	.000148	.000148	0	0
34	KICKER9	PY	.000148	.000148	0	0
35	KICKER8	PY	.000148	.000148	0	0
36	KICKER7	PY	.000148	.000148	0	0
37	KICKER6	PY	.000148	.000148	0	0
38	KICKER5	PY	.000148	.000148	0	0
39	KICKER4	PY	.000148	.000148	0	0
40	KICKER3	PY	.000148	.000148	0	0
41	KICKER2	PY	.000148	.000148	0	0
42	KICKER1	PY	.000148	.000148	0	0
43	FP12	PY	6.6e-5	6.6e-5	0	0
44	FP11	PY	6.6e-5	6.6e-5	0	0
45	FP10	PY	6.6e-5	6.6e-5	0	0
46	FP9	PY	6.6e-5	6.6e-5	0	0
47	FP8	PY	6.6e-5	6.6e-5	0	0
48	FP7	PY	6.6e-5	6.6e-5	0	0
49	FP6	PY	6.6e-5	6.6e-5	0	0
50	FP5	PY	6.6e-5	6.6e-5	0	0
51	FP4	PY	6.6e-5	6.6e-5	0	0
52	FP3	PY	6.6e-5	6.6e-5	0	0
53	FP2	PY	6.6e-5	6.6e-5	0	0
54	FP1	PY	6.6e-5	6.6e-5	0	0
55	FACE1B	PY	.000295	.000295	0	0
56	FACE1A	PY	.000295	.000295	0	0
57	FACE2B	PY	.000295	.000295	0	0
58	FACE2A	PY	.000295	.000295	0	0
59	FACE3B	PY	.000148	.000148	0	0
60	FACE3A	PY	.000148	.000148	0	0
61	DIAG6	PY	4.7e-5	4.7e-5	0	0
62	DIAG5	PY	4.7e-5	4.7e-5	0	0
63	DIAG4	PY	4.7e-5	4.7e-5	0	0
64	DIAG3	PY	4.7e-5	4.7e-5	0	0
65	DIAG2	PY	4.7e-5	4.7e-5	0	0
66	DIAG1	PY	4.7e-5	4.7e-5	0	0
67	BP36	PY	.000704	.000704	0	0
68	BP35	PY	.000704	.000704	0	0
69	BP34	PY	.000704	.000704	0	0
70	BP33	PY	.000704	.000704	0	0
71	BP32	PY	.000704	.000704	0	0
72	BP31	PY	.000704	.000704	0	0
73	BP30	PY	.000704	.000704	0	0
74	BP29	PY	.000704	.000704	0	0
75	BP28	PY	.000704	.000704	0	0
76	BP27	PY	.000704	.000704	0	0
77	BP26	PY	.000704	.000704	0	0
78	BP25	PY	.000704	.000704	0	0
79	BP24	PY	.000704	.000704	0	0
80	BP23	PY	.000704	.000704	0	0
81	BP22	PY	.000704	.000704	0	0
82	BP21	PY	.000704	.000704	0	0
83	BP20	PY	.000704	.000704	0	0
84	BP19	PY	.000704	.000704	0	0
85	BP18	PY	.000704	.000704	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
86	BP17	PY	.000704	.000704	0	0
87	BP16	PY	.000704	.000704	0	0
88	BP15	PY	.000704	.000704	0	0
89	BP14	PY	.000704	.000704	0	0
90	BP13	PY	.000704	.000704	0	0
91	BP12	PY	.000704	.000704	0	0
92	BP11	PY	.000704	.000704	0	0
93	BP10	PY	.000704	.000704	0	0
94	BP9	PY	.000704	.000704	0	0
95	BP8	PY	.000704	.000704	0	0
96	BP7	PY	.000704	.000704	0	0
97	BP6	PY	.000704	.000704	0	0
98	BP5	PY	.000704	.000704	0	0
99	BP4	PY	.000704	.000704	0	0
100	BP3	PY	.000704	.000704	0	0
101	BP2	PY	.000704	.000704	0	0
102	BP1	PY	.000704	.000704	0	0
103	BACK6	PY	8.8e-5	8.8e-5	0	0
104	BACK5	PY	8.8e-5	8.8e-5	0	0
105	BACK4	PY	8.8e-5	8.8e-5	0	0
106	BACK3	PY	8.8e-5	8.8e-5	0	0
107	BACK2	PY	8.8e-5	8.8e-5	0	0
108	BACK1	PY	8.8e-5	8.8e-5	0	0
109	VERT12	PX	2.7e-5	2.7e-5	0	0
110	VERT11	PX	2.7e-5	2.7e-5	0	0
111	VERT10	PX	2.7e-5	2.7e-5	0	0
112	VERT9	PX	2.7e-5	2.7e-5	0	0
113	VERT8	PX	2.7e-5	2.7e-5	0	0
114	VERT7	PX	2.7e-5	2.7e-5	0	0
115	VERT6	PX	2.7e-5	2.7e-5	0	0
116	VERT5	PX	2.7e-5	2.7e-5	0	0
117	VERT4	PX	2.7e-5	2.7e-5	0	0
118	VERT3	PX	2.7e-5	2.7e-5	0	0
119	VERT2	PX	2.7e-5	2.7e-5	0	0
120	VERT1	PX	2.7e-5	2.7e-5	0	0
121	TIEBACK3	PX	6.7e-5	6.7e-5	0	0
122	TIEBACK2	PX	6.7e-5	6.7e-5	0	0
123	TIEBACK1	PX	6.7e-5	6.7e-5	0	0
124	PIPE3	PX	.000161	.000161	0	0
125	PIPE2	PX	.000161	.000161	0	0
126	PIPE1	PX	.000161	.000161	0	0
127	MP GAMMA5	PX	.000289	.000289	0	0
128	MP GAMMA4	PX	.000289	.000289	0	0
129	MP GAMMA3	PX	.000289	.000289	0	0
130	MP GAMMA2	PX	.000289	.000289	0	0
131	MP BETA5	PX	.000289	.000289	0	0
132	MP BETA4	PX	.000289	.000289	0	0
133	MP BETA3	PX	.000289	.000289	0	0
134	MP BETA2	PX	.000289	.000289	0	0
135	MP ALPHA5	PX	.000289	.000289	0	0
136	MP ALPHA4	PX	.000289	.000289	0	0
137	MP ALPHA3	PX	.000289	.000289	0	0
138	MP ALPHA2	PX	.000289	.000289	0	0
139	KICKER12	PX	8.5e-5	8.5e-5	0	0
140	KICKER11	PX	8.5e-5	8.5e-5	0	0
141	KICKER10	PX	8.5e-5	8.5e-5	0	0
142	KICKER9	PX	8.5e-5	8.5e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 22 : Maintenance (210)) (Continued)

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
143	KICKER8	PX	8.5e-5	8.5e-5	0	0
144	KICKER7	PX	8.5e-5	8.5e-5	0	0
145	KICKER6	PX	8.5e-5	8.5e-5	0	0
146	KICKER5	PX	8.5e-5	8.5e-5	0	0
147	KICKER4	PX	8.5e-5	8.5e-5	0	0
148	KICKER3	PX	8.5e-5	8.5e-5	0	0
149	KICKER2	PX	8.5e-5	8.5e-5	0	0
150	KICKER1	PX	8.5e-5	8.5e-5	0	0
151	FP12	PX	3.8e-5	3.8e-5	0	0
152	FP11	PX	3.8e-5	3.8e-5	0	0
153	FP10	PX	3.8e-5	3.8e-5	0	0
154	FP9	PX	3.8e-5	3.8e-5	0	0
155	FP8	PX	3.8e-5	3.8e-5	0	0
156	FP7	PX	3.8e-5	3.8e-5	0	0
157	FP6	PX	3.8e-5	3.8e-5	0	0
158	FP5	PX	3.8e-5	3.8e-5	0	0
159	FP4	PX	3.8e-5	3.8e-5	0	0
160	FP3	PX	3.8e-5	3.8e-5	0	0
161	FP2	PX	3.8e-5	3.8e-5	0	0
162	FP1	PX	3.8e-5	3.8e-5	0	0
163	FACE1B	PX	.00017	.00017	0	0
164	FACE1A	PX	.00017	.00017	0	0
165	FACE2B	PX	.00017	.00017	0	0
166	FACE2A	PX	.00017	.00017	0	0
167	FACE3B	PX	8.5e-5	8.5e-5	0	0
168	FACE3A	PX	8.5e-5	8.5e-5	0	0
169	DIAG6	PX	2.7e-5	2.7e-5	0	0
170	DIAG5	PX	2.7e-5	2.7e-5	0	0
171	DIAG4	PX	2.7e-5	2.7e-5	0	0
172	DIAG3	PX	2.7e-5	2.7e-5	0	0
173	DIAG2	PX	2.7e-5	2.7e-5	0	0
174	DIAG1	PX	2.7e-5	2.7e-5	0	0
175	BP36	PX	.000406	.000406	0	0
176	BP35	PX	.000406	.000406	0	0
177	BP34	PX	.000406	.000406	0	0
178	BP33	PX	.000406	.000406	0	0
179	BP32	PX	.000406	.000406	0	0
180	BP31	PX	.000406	.000406	0	0
181	BP30	PX	.000406	.000406	0	0
182	BP29	PX	.000406	.000406	0	0
183	BP28	PX	.000406	.000406	0	0
184	BP27	PX	.000406	.000406	0	0
185	BP26	PX	.000406	.000406	0	0
186	BP25	PX	.000406	.000406	0	0
187	BP24	PX	.000406	.000406	0	0
188	BP23	PX	.000406	.000406	0	0
189	BP22	PX	.000406	.000406	0	0
190	BP21	PX	.000406	.000406	0	0
191	BP20	PX	.000406	.000406	0	0
192	BP19	PX	.000406	.000406	0	0
193	BP18	PX	.000406	.000406	0	0
194	BP17	PX	.000406	.000406	0	0
195	BP16	PX	.000406	.000406	0	0
196	BP15	PX	.000406	.000406	0	0
197	BP14	PX	.000406	.000406	0	0
198	BP13	PX	.000406	.000406	0	0
199	BP12	PX	.000406	.000406	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
200	BP11	PX	.000406	.000406	0	0
201	BP10	PX	.000406	.000406	0	0
202	BP9	PX	.000406	.000406	0	0
203	BP8	PX	.000406	.000406	0	0
204	BP7	PX	.000406	.000406	0	0
205	BP6	PX	.000406	.000406	0	0
206	BP5	PX	.000406	.000406	0	0
207	BP4	PX	.000406	.000406	0	0
208	BP3	PX	.000406	.000406	0	0
209	BP2	PX	.000406	.000406	0	0
210	BP1	PX	.000406	.000406	0	0
211	BACK6	PX	5.1e-5	5.1e-5	0	0
212	BACK5	PX	5.1e-5	5.1e-5	0	0
213	BACK4	PX	5.1e-5	5.1e-5	0	0
214	BACK3	PX	5.1e-5	5.1e-5	0	0
215	BACK2	PX	5.1e-5	5.1e-5	0	0
216	BACK1	PX	5.1e-5	5.1e-5	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	2.7e-5	2.7e-5	0	0
2	VERT11	PY	2.7e-5	2.7e-5	0	0
3	VERT10	PY	2.7e-5	2.7e-5	0	0
4	VERT9	PY	2.7e-5	2.7e-5	0	0
5	VERT8	PY	2.7e-5	2.7e-5	0	0
6	VERT7	PY	2.7e-5	2.7e-5	0	0
7	VERT6	PY	2.7e-5	2.7e-5	0	0
8	VERT5	PY	2.7e-5	2.7e-5	0	0
9	VERT4	PY	2.7e-5	2.7e-5	0	0
10	VERT3	PY	2.7e-5	2.7e-5	0	0
11	VERT2	PY	2.7e-5	2.7e-5	0	0
12	VERT1	PY	2.7e-5	2.7e-5	0	0
13	TIEBACK3	PY	6.7e-5	6.7e-5	0	0
14	TIEBACK2	PY	6.7e-5	6.7e-5	0	0
15	TIEBACK1	PY	6.7e-5	6.7e-5	0	0
16	PIPE3	PY	.000161	.000161	0	0
17	PIPE2	PY	.000161	.000161	0	0
18	PIPE1	PY	.000161	.000161	0	0
19	MP GAMMA5	PY	.000289	.000289	0	0
20	MP GAMMA4	PY	.000289	.000289	0	0
21	MP GAMMA3	PY	.000289	.000289	0	0
22	MP GAMMA2	PY	.000289	.000289	0	0
23	MP BETA5	PY	.000289	.000289	0	0
24	MP BETA4	PY	.000289	.000289	0	0
25	MP BETA3	PY	.000289	.000289	0	0
26	MP BETA2	PY	.000289	.000289	0	0
27	MP ALPHA5	PY	.000289	.000289	0	0
28	MP ALPHA4	PY	.000289	.000289	0	0
29	MP ALPHA3	PY	.000289	.000289	0	0
30	MP ALPHA2	PY	.000289	.000289	0	0
31	KICKER12	PY	8.5e-5	8.5e-5	0	0
32	KICKER11	PY	8.5e-5	8.5e-5	0	0
33	KICKER10	PY	8.5e-5	8.5e-5	0	0
34	KICKER9	PY	8.5e-5	8.5e-5	0	0
35	KICKER8	PY	8.5e-5	8.5e-5	0	0
36	KICKER7	PY	8.5e-5	8.5e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 23 : Maintenance (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
37	KICKER6	PY	8.5e-5	8.5e-5	0	0
38	KICKER5	PY	8.5e-5	8.5e-5	0	0
39	KICKER4	PY	8.5e-5	8.5e-5	0	0
40	KICKER3	PY	8.5e-5	8.5e-5	0	0
41	KICKER2	PY	8.5e-5	8.5e-5	0	0
42	KICKER1	PY	8.5e-5	8.5e-5	0	0
43	FP12	PY	3.8e-5	3.8e-5	0	0
44	FP11	PY	3.8e-5	3.8e-5	0	0
45	FP10	PY	3.8e-5	3.8e-5	0	0
46	FP9	PY	3.8e-5	3.8e-5	0	0
47	FP8	PY	3.8e-5	3.8e-5	0	0
48	FP7	PY	3.8e-5	3.8e-5	0	0
49	FP6	PY	3.8e-5	3.8e-5	0	0
50	FP5	PY	3.8e-5	3.8e-5	0	0
51	FP4	PY	3.8e-5	3.8e-5	0	0
52	FP3	PY	3.8e-5	3.8e-5	0	0
53	FP2	PY	3.8e-5	3.8e-5	0	0
54	FP1	PY	3.8e-5	3.8e-5	0	0
55	FACE1B	PY	.00017	.00017	0	0
56	FACE1A	PY	.00017	.00017	0	0
57	FACE2B	PY	.00017	.00017	0	0
58	FACE2A	PY	.00017	.00017	0	0
59	FACE3B	PY	8.5e-5	8.5e-5	0	0
60	FACE3A	PY	8.5e-5	8.5e-5	0	0
61	DIAG6	PY	2.7e-5	2.7e-5	0	0
62	DIAG5	PY	2.7e-5	2.7e-5	0	0
63	DIAG4	PY	2.7e-5	2.7e-5	0	0
64	DIAG3	PY	2.7e-5	2.7e-5	0	0
65	DIAG2	PY	2.7e-5	2.7e-5	0	0
66	DIAG1	PY	2.7e-5	2.7e-5	0	0
67	BP36	PY	.000406	.000406	0	0
68	BP35	PY	.000406	.000406	0	0
69	BP34	PY	.000406	.000406	0	0
70	BP33	PY	.000406	.000406	0	0
71	BP32	PY	.000406	.000406	0	0
72	BP31	PY	.000406	.000406	0	0
73	BP30	PY	.000406	.000406	0	0
74	BP29	PY	.000406	.000406	0	0
75	BP28	PY	.000406	.000406	0	0
76	BP27	PY	.000406	.000406	0	0
77	BP26	PY	.000406	.000406	0	0
78	BP25	PY	.000406	.000406	0	0
79	BP24	PY	.000406	.000406	0	0
80	BP23	PY	.000406	.000406	0	0
81	BP22	PY	.000406	.000406	0	0
82	BP21	PY	.000406	.000406	0	0
83	BP20	PY	.000406	.000406	0	0
84	BP19	PY	.000406	.000406	0	0
85	BP18	PY	.000406	.000406	0	0
86	BP17	PY	.000406	.000406	0	0
87	BP16	PY	.000406	.000406	0	0
88	BP15	PY	.000406	.000406	0	0
89	BP14	PY	.000406	.000406	0	0
90	BP13	PY	.000406	.000406	0	0
91	BP12	PY	.000406	.000406	0	0
92	BP11	PY	.000406	.000406	0	0
93	BP10	PY	.000406	.000406	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.-%]	End Location[ft.-%]	
94	BP9	PY	.000406	.000406	0	0
95	BP8	PY	.000406	.000406	0	0
96	BP7	PY	.000406	.000406	0	0
97	BP6	PY	.000406	.000406	0	0
98	BP5	PY	.000406	.000406	0	0
99	BP4	PY	.000406	.000406	0	0
100	BP3	PY	.000406	.000406	0	0
101	BP2	PY	.000406	.000406	0	0
102	BP1	PY	.000406	.000406	0	0
103	BACK6	PY	5.1e-5	5.1e-5	0	0
104	BACK5	PY	5.1e-5	5.1e-5	0	0
105	BACK4	PY	5.1e-5	5.1e-5	0	0
106	BACK3	PY	5.1e-5	5.1e-5	0	0
107	BACK2	PY	5.1e-5	5.1e-5	0	0
108	BACK1	PY	5.1e-5	5.1e-5	0	0
109	VERT12	PX	4.7e-5	4.7e-5	0	0
110	VERT11	PX	4.7e-5	4.7e-5	0	0
111	VERT10	PX	4.7e-5	4.7e-5	0	0
112	VERT9	PX	4.7e-5	4.7e-5	0	0
113	VERT8	PX	4.7e-5	4.7e-5	0	0
114	VERT7	PX	4.7e-5	4.7e-5	0	0
115	VERT6	PX	4.7e-5	4.7e-5	0	0
116	VERT5	PX	4.7e-5	4.7e-5	0	0
117	VERT4	PX	4.7e-5	4.7e-5	0	0
118	VERT3	PX	4.7e-5	4.7e-5	0	0
119	VERT2	PX	4.7e-5	4.7e-5	0	0
120	VERT1	PX	4.7e-5	4.7e-5	0	0
121	TIEBACK3	PX	.000116	.000116	0	0
122	TIEBACK2	PX	.000116	.000116	0	0
123	TIEBACK1	PX	.000116	.000116	0	0
124	PIPE3	PX	.00028	.00028	0	0
125	PIPE2	PX	.00028	.00028	0	0
126	PIPE1	PX	.00028	.00028	0	0
127	MP GAMMA5	PX	.000501	.000501	0	0
128	MP GAMMA4	PX	.000501	.000501	0	0
129	MP GAMMA3	PX	.000501	.000501	0	0
130	MP GAMMA2	PX	.000501	.000501	0	0
131	MP BETA5	PX	.000501	.000501	0	0
132	MP BETA4	PX	.000501	.000501	0	0
133	MP BETA3	PX	.000501	.000501	0	0
134	MP BETA2	PX	.000501	.000501	0	0
135	MP ALPHA5	PX	.000501	.000501	0	0
136	MP ALPHA4	PX	.000501	.000501	0	0
137	MP ALPHA3	PX	.000501	.000501	0	0
138	MP ALPHA2	PX	.000501	.000501	0	0
139	KICKER12	PX	.000148	.000148	0	0
140	KICKER11	PX	.000148	.000148	0	0
141	KICKER10	PX	.000148	.000148	0	0
142	KICKER9	PX	.000148	.000148	0	0
143	KICKER8	PX	.000148	.000148	0	0
144	KICKER7	PX	.000148	.000148	0	0
145	KICKER6	PX	.000148	.000148	0	0
146	KICKER5	PX	.000148	.000148	0	0
147	KICKER4	PX	.000148	.000148	0	0
148	KICKER3	PX	.000148	.000148	0	0
149	KICKER2	PX	.000148	.000148	0	0
150	KICKER1	PX	.000148	.000148	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
151	FP12	PX	6.6e-5	6.6e-5	0	0
152	FP11	PX	6.6e-5	6.6e-5	0	0
153	FP10	PX	6.6e-5	6.6e-5	0	0
154	FP9	PX	6.6e-5	6.6e-5	0	0
155	FP8	PX	6.6e-5	6.6e-5	0	0
156	FP7	PX	6.6e-5	6.6e-5	0	0
157	FP6	PX	6.6e-5	6.6e-5	0	0
158	FP5	PX	6.6e-5	6.6e-5	0	0
159	FP4	PX	6.6e-5	6.6e-5	0	0
160	FP3	PX	6.6e-5	6.6e-5	0	0
161	FP2	PX	6.6e-5	6.6e-5	0	0
162	FP1	PX	6.6e-5	6.6e-5	0	0
163	FACE1B	PX	.000295	.000295	0	0
164	FACE1A	PX	.000295	.000295	0	0
165	FACE2B	PX	.000295	.000295	0	0
166	FACE2A	PX	.000295	.000295	0	0
167	FACE3B	PX	.000148	.000148	0	0
168	FACE3A	PX	.000148	.000148	0	0
169	DIAG6	PX	4.7e-5	4.7e-5	0	0
170	DIAG5	PX	4.7e-5	4.7e-5	0	0
171	DIAG4	PX	4.7e-5	4.7e-5	0	0
172	DIAG3	PX	4.7e-5	4.7e-5	0	0
173	DIAG2	PX	4.7e-5	4.7e-5	0	0
174	DIAG1	PX	4.7e-5	4.7e-5	0	0
175	BP36	PX	.000704	.000704	0	0
176	BP35	PX	.000704	.000704	0	0
177	BP34	PX	.000704	.000704	0	0
178	BP33	PX	.000704	.000704	0	0
179	BP32	PX	.000704	.000704	0	0
180	BP31	PX	.000704	.000704	0	0
181	BP30	PX	.000704	.000704	0	0
182	BP29	PX	.000704	.000704	0	0
183	BP28	PX	.000704	.000704	0	0
184	BP27	PX	.000704	.000704	0	0
185	BP26	PX	.000704	.000704	0	0
186	BP25	PX	.000704	.000704	0	0
187	BP24	PX	.000704	.000704	0	0
188	BP23	PX	.000704	.000704	0	0
189	BP22	PX	.000704	.000704	0	0
190	BP21	PX	.000704	.000704	0	0
191	BP20	PX	.000704	.000704	0	0
192	BP19	PX	.000704	.000704	0	0
193	BP18	PX	.000704	.000704	0	0
194	BP17	PX	.000704	.000704	0	0
195	BP16	PX	.000704	.000704	0	0
196	BP15	PX	.000704	.000704	0	0
197	BP14	PX	.000704	.000704	0	0
198	BP13	PX	.000704	.000704	0	0
199	BP12	PX	.000704	.000704	0	0
200	BP11	PX	.000704	.000704	0	0
201	BP10	PX	.000704	.000704	0	0
202	BP9	PX	.000704	.000704	0	0
203	BP8	PX	.000704	.000704	0	0
204	BP7	PX	.000704	.000704	0	0
205	BP6	PX	.000704	.000704	0	0
206	BP5	PX	.000704	.000704	0	0
207	BP4	PX	.000704	.000704	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 23 : Maintenance (240)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]
208	BP3	PX	.000704	.000704	0	0
209	BP2	PX	.000704	.000704	0	0
210	BP1	PX	.000704	.000704	0	0
211	BACK6	PX	8.8e-5	8.8e-5	0	0
212	BACK5	PX	8.8e-5	8.8e-5	0	0
213	BACK4	PX	8.8e-5	8.8e-5	0	0
214	BACK3	PX	8.8e-5	8.8e-5	0	0
215	BACK2	PX	8.8e-5	8.8e-5	0	0
216	BACK1	PX	8.8e-5	8.8e-5	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	VERT12	PX	5.4e-5	5.4e-5	0	0
2	VERT11	PX	5.4e-5	5.4e-5	0	0
3	VERT10	PX	5.4e-5	5.4e-5	0	0
4	VERT9	PX	5.4e-5	5.4e-5	0	0
5	VERT8	PX	5.4e-5	5.4e-5	0	0
6	VERT7	PX	5.4e-5	5.4e-5	0	0
7	VERT6	PX	5.4e-5	5.4e-5	0	0
8	VERT5	PX	5.4e-5	5.4e-5	0	0
9	VERT4	PX	5.4e-5	5.4e-5	0	0
10	VERT3	PX	5.4e-5	5.4e-5	0	0
11	VERT2	PX	5.4e-5	5.4e-5	0	0
12	VERT1	PX	5.4e-5	5.4e-5	0	0
13	TIEBACK3	PX	.000134	.000134	0	0
14	TIEBACK2	PX	.000134	.000134	0	0
15	TIEBACK1	PX	.000134	.000134	0	0
16	PIPE3	PX	.000323	.000323	0	0
17	PIPE2	PX	.000323	.000323	0	0
18	PIPE1	PX	.000323	.000323	0	0
19	MP GAMMA5	PX	.000579	.000579	0	0
20	MP GAMMA4	PX	.000579	.000579	0	0
21	MP GAMMA3	PX	.000579	.000579	0	0
22	MP GAMMA2	PX	.000579	.000579	0	0
23	MP BETA5	PX	.000579	.000579	0	0
24	MP BETA4	PX	.000579	.000579	0	0
25	MP BETA3	PX	.000579	.000579	0	0
26	MP BETA2	PX	.000579	.000579	0	0
27	MP ALPHA5	PX	.000579	.000579	0	0
28	MP ALPHA4	PX	.000579	.000579	0	0
29	MP ALPHA3	PX	.000579	.000579	0	0
30	MP ALPHA2	PX	.000579	.000579	0	0
31	KICKER12	PX	.00017	.00017	0	0
32	KICKER11	PX	.00017	.00017	0	0
33	KICKER10	PX	.00017	.00017	0	0
34	KICKER9	PX	.00017	.00017	0	0
35	KICKER8	PX	.00017	.00017	0	0
36	KICKER7	PX	.00017	.00017	0	0
37	KICKER6	PX	.00017	.00017	0	0
38	KICKER5	PX	.00017	.00017	0	0
39	KICKER4	PX	.00017	.00017	0	0
40	KICKER3	PX	.00017	.00017	0	0
41	KICKER2	PX	.00017	.00017	0	0
42	KICKER1	PX	.00017	.00017	0	0
43	FP12	PX	7.6e-5	7.6e-5	0	0
44	FP11	PX	7.6e-5	7.6e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 24 : Maintenance (270)) (Continued)

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
45	FP10	PX	7.6e-5	7.6e-5	0	0
46	FP9	PX	7.6e-5	7.6e-5	0	0
47	FP8	PX	7.6e-5	7.6e-5	0	0
48	FP7	PX	7.6e-5	7.6e-5	0	0
49	FP6	PX	7.6e-5	7.6e-5	0	0
50	FP5	PX	7.6e-5	7.6e-5	0	0
51	FP4	PX	7.6e-5	7.6e-5	0	0
52	FP3	PX	7.6e-5	7.6e-5	0	0
53	FP2	PX	7.6e-5	7.6e-5	0	0
54	FP1	PX	7.6e-5	7.6e-5	0	0
55	FACE1B	PX	.000341	.000341	0	0
56	FACE1A	PX	.000341	.000341	0	0
57	FACE2B	PX	.000341	.000341	0	0
58	FACE2A	PX	.000341	.000341	0	0
59	FACE3B	PX	.00017	.00017	0	0
60	FACE3A	PX	.00017	.00017	0	0
61	DIAG6	PX	5.4e-5	5.4e-5	0	0
62	DIAG5	PX	5.4e-5	5.4e-5	0	0
63	DIAG4	PX	5.4e-5	5.4e-5	0	0
64	DIAG3	PX	5.4e-5	5.4e-5	0	0
65	DIAG2	PX	5.4e-5	5.4e-5	0	0
66	DIAG1	PX	5.4e-5	5.4e-5	0	0
67	BP36	PX	.000812	.000812	0	0
68	BP35	PX	.000812	.000812	0	0
69	BP34	PX	.000812	.000812	0	0
70	BP33	PX	.000812	.000812	0	0
71	BP32	PX	.000812	.000812	0	0
72	BP31	PX	.000812	.000812	0	0
73	BP30	PX	.000812	.000812	0	0
74	BP29	PX	.000812	.000812	0	0
75	BP28	PX	.000812	.000812	0	0
76	BP27	PX	.000812	.000812	0	0
77	BP26	PX	.000812	.000812	0	0
78	BP25	PX	.000812	.000812	0	0
79	BP24	PX	.000812	.000812	0	0
80	BP23	PX	.000812	.000812	0	0
81	BP22	PX	.000812	.000812	0	0
82	BP21	PX	.000812	.000812	0	0
83	BP20	PX	.000812	.000812	0	0
84	BP19	PX	.000812	.000812	0	0
85	BP18	PX	.000812	.000812	0	0
86	BP17	PX	.000812	.000812	0	0
87	BP16	PX	.000812	.000812	0	0
88	BP15	PX	.000812	.000812	0	0
89	BP14	PX	.000812	.000812	0	0
90	BP13	PX	.000812	.000812	0	0
91	BP12	PX	.000812	.000812	0	0
92	BP11	PX	.000812	.000812	0	0
93	BP10	PX	.000812	.000812	0	0
94	BP9	PX	.000812	.000812	0	0
95	BP8	PX	.000812	.000812	0	0
96	BP7	PX	.000812	.000812	0	0
97	BP6	PX	.000812	.000812	0	0
98	BP5	PX	.000812	.000812	0	0
99	BP4	PX	.000812	.000812	0	0
100	BP3	PX	.000812	.000812	0	0
101	BP2	PX	.000812	.000812	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 24 : Maintenance (270)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
102	BP1	PX	.000812	.000812	0	0
103	BACK6	PX	.000102	.000102	0	0
104	BACK5	PX	.000102	.000102	0	0
105	BACK4	PX	.000102	.000102	0	0
106	BACK3	PX	.000102	.000102	0	0
107	BACK2	PX	.000102	.000102	0	0
108	BACK1	PX	.000102	.000102	0	0

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
1	VERT12	PY	-2.7e-5	-2.7e-5	0	0
2	VERT11	PY	-2.7e-5	-2.7e-5	0	0
3	VERT10	PY	-2.7e-5	-2.7e-5	0	0
4	VERT9	PY	-2.7e-5	-2.7e-5	0	0
5	VERT8	PY	-2.7e-5	-2.7e-5	0	0
6	VERT7	PY	-2.7e-5	-2.7e-5	0	0
7	VERT6	PY	-2.7e-5	-2.7e-5	0	0
8	VERT5	PY	-2.7e-5	-2.7e-5	0	0
9	VERT4	PY	-2.7e-5	-2.7e-5	0	0
10	VERT3	PY	-2.7e-5	-2.7e-5	0	0
11	VERT2	PY	-2.7e-5	-2.7e-5	0	0
12	VERT1	PY	-2.7e-5	-2.7e-5	0	0
13	TIEBACK3	PY	-6.7e-5	-6.7e-5	0	0
14	TIEBACK2	PY	-6.7e-5	-6.7e-5	0	0
15	TIEBACK1	PY	-6.7e-5	-6.7e-5	0	0
16	PIPE3	PY	-0.00161	-0.00161	0	0
17	PIPE2	PY	-0.00161	-0.00161	0	0
18	PIPE1	PY	-0.00161	-0.00161	0	0
19	MP GAMMA5	PY	-0.00289	-0.00289	0	0
20	MP GAMMA4	PY	-0.00289	-0.00289	0	0
21	MP GAMMA3	PY	-0.00289	-0.00289	0	0
22	MP GAMMA2	PY	-0.00289	-0.00289	0	0
23	MP BETA5	PY	-0.00289	-0.00289	0	0
24	MP BETA4	PY	-0.00289	-0.00289	0	0
25	MP BETA3	PY	-0.00289	-0.00289	0	0
26	MP BETA2	PY	-0.00289	-0.00289	0	0
27	MP ALPHA5	PY	-0.00289	-0.00289	0	0
28	MP ALPHA4	PY	-0.00289	-0.00289	0	0
29	MP ALPHA3	PY	-0.00289	-0.00289	0	0
30	MP ALPHA2	PY	-0.00289	-0.00289	0	0
31	KICKER12	PY	-8.5e-5	-8.5e-5	0	0
32	KICKER11	PY	-8.5e-5	-8.5e-5	0	0
33	KICKER10	PY	-8.5e-5	-8.5e-5	0	0
34	KICKER9	PY	-8.5e-5	-8.5e-5	0	0
35	KICKER8	PY	-8.5e-5	-8.5e-5	0	0
36	KICKER7	PY	-8.5e-5	-8.5e-5	0	0
37	KICKER6	PY	-8.5e-5	-8.5e-5	0	0
38	KICKER5	PY	-8.5e-5	-8.5e-5	0	0
39	KICKER4	PY	-8.5e-5	-8.5e-5	0	0
40	KICKER3	PY	-8.5e-5	-8.5e-5	0	0
41	KICKER2	PY	-8.5e-5	-8.5e-5	0	0
42	KICKER1	PY	-8.5e-5	-8.5e-5	0	0
43	FP12	PY	-3.8e-5	-3.8e-5	0	0
44	FP11	PY	-3.8e-5	-3.8e-5	0	0
45	FP10	PY	-3.8e-5	-3.8e-5	0	0
46	FP9	PY	-3.8e-5	-3.8e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
47	FP8	PY	-3.8e-5	-3.8e-5	0	0
48	FP7	PY	-3.8e-5	-3.8e-5	0	0
49	FP6	PY	-3.8e-5	-3.8e-5	0	0
50	FP5	PY	-3.8e-5	-3.8e-5	0	0
51	FP4	PY	-3.8e-5	-3.8e-5	0	0
52	FP3	PY	-3.8e-5	-3.8e-5	0	0
53	FP2	PY	-3.8e-5	-3.8e-5	0	0
54	FP1	PY	-3.8e-5	-3.8e-5	0	0
55	FACE1B	PY	-0.0017	-0.0017	0	0
56	FACE1A	PY	-0.0017	-0.0017	0	0
57	FACE2B	PY	-0.0017	-0.0017	0	0
58	FACE2A	PY	-0.0017	-0.0017	0	0
59	FACE3B	PY	-8.5e-5	-8.5e-5	0	0
60	FACE3A	PY	-8.5e-5	-8.5e-5	0	0
61	DIAG6	PY	-2.7e-5	-2.7e-5	0	0
62	DIAG5	PY	-2.7e-5	-2.7e-5	0	0
63	DIAG4	PY	-2.7e-5	-2.7e-5	0	0
64	DIAG3	PY	-2.7e-5	-2.7e-5	0	0
65	DIAG2	PY	-2.7e-5	-2.7e-5	0	0
66	DIAG1	PY	-2.7e-5	-2.7e-5	0	0
67	BP36	PY	-0.00406	-0.00406	0	0
68	BP35	PY	-0.00406	-0.00406	0	0
69	BP34	PY	-0.00406	-0.00406	0	0
70	BP33	PY	-0.00406	-0.00406	0	0
71	BP32	PY	-0.00406	-0.00406	0	0
72	BP31	PY	-0.00406	-0.00406	0	0
73	BP30	PY	-0.00406	-0.00406	0	0
74	BP29	PY	-0.00406	-0.00406	0	0
75	BP28	PY	-0.00406	-0.00406	0	0
76	BP27	PY	-0.00406	-0.00406	0	0
77	BP26	PY	-0.00406	-0.00406	0	0
78	BP25	PY	-0.00406	-0.00406	0	0
79	BP24	PY	-0.00406	-0.00406	0	0
80	BP23	PY	-0.00406	-0.00406	0	0
81	BP22	PY	-0.00406	-0.00406	0	0
82	BP21	PY	-0.00406	-0.00406	0	0
83	BP20	PY	-0.00406	-0.00406	0	0
84	BP19	PY	-0.00406	-0.00406	0	0
85	BP18	PY	-0.00406	-0.00406	0	0
86	BP17	PY	-0.00406	-0.00406	0	0
87	BP16	PY	-0.00406	-0.00406	0	0
88	BP15	PY	-0.00406	-0.00406	0	0
89	BP14	PY	-0.00406	-0.00406	0	0
90	BP13	PY	-0.00406	-0.00406	0	0
91	BP12	PY	-0.00406	-0.00406	0	0
92	BP11	PY	-0.00406	-0.00406	0	0
93	BP10	PY	-0.00406	-0.00406	0	0
94	BP9	PY	-0.00406	-0.00406	0	0
95	BP8	PY	-0.00406	-0.00406	0	0
96	BP7	PY	-0.00406	-0.00406	0	0
97	BP6	PY	-0.00406	-0.00406	0	0
98	BP5	PY	-0.00406	-0.00406	0	0
99	BP4	PY	-0.00406	-0.00406	0	0
100	BP3	PY	-0.00406	-0.00406	0	0
101	BP2	PY	-0.00406	-0.00406	0	0
102	BP1	PY	-0.00406	-0.00406	0	0
103	BACK6	PY	-5.1e-5	-5.1e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.-%]	End Location[ft.-%]	
104	BACK5	PY	-5.1e-5	-5.1e-5	0	0
105	BACK4	PY	-5.1e-5	-5.1e-5	0	0
106	BACK3	PY	-5.1e-5	-5.1e-5	0	0
107	BACK2	PY	-5.1e-5	-5.1e-5	0	0
108	BACK1	PY	-5.1e-5	-5.1e-5	0	0
109	VERT12	PX	4.7e-5	4.7e-5	0	0
110	VERT11	PX	4.7e-5	4.7e-5	0	0
111	VERT10	PX	4.7e-5	4.7e-5	0	0
112	VERT9	PX	4.7e-5	4.7e-5	0	0
113	VERT8	PX	4.7e-5	4.7e-5	0	0
114	VERT7	PX	4.7e-5	4.7e-5	0	0
115	VERT6	PX	4.7e-5	4.7e-5	0	0
116	VERT5	PX	4.7e-5	4.7e-5	0	0
117	VERT4	PX	4.7e-5	4.7e-5	0	0
118	VERT3	PX	4.7e-5	4.7e-5	0	0
119	VERT2	PX	4.7e-5	4.7e-5	0	0
120	VERT1	PX	4.7e-5	4.7e-5	0	0
121	TIEBACK3	PX	.000116	.000116	0	0
122	TIEBACK2	PX	.000116	.000116	0	0
123	TIEBACK1	PX	.000116	.000116	0	0
124	PIPE3	PX	.00028	.00028	0	0
125	PIPE2	PX	.00028	.00028	0	0
126	PIPE1	PX	.00028	.00028	0	0
127	MP GAMMA5	PX	.000501	.000501	0	0
128	MP GAMMA4	PX	.000501	.000501	0	0
129	MP GAMMA3	PX	.000501	.000501	0	0
130	MP GAMMA2	PX	.000501	.000501	0	0
131	MP BETA5	PX	.000501	.000501	0	0
132	MP BETA4	PX	.000501	.000501	0	0
133	MP BETA3	PX	.000501	.000501	0	0
134	MP BETA2	PX	.000501	.000501	0	0
135	MP ALPHA5	PX	.000501	.000501	0	0
136	MP ALPHA4	PX	.000501	.000501	0	0
137	MP ALPHA3	PX	.000501	.000501	0	0
138	MP ALPHA2	PX	.000501	.000501	0	0
139	KICKER12	PX	.000148	.000148	0	0
140	KICKER11	PX	.000148	.000148	0	0
141	KICKER10	PX	.000148	.000148	0	0
142	KICKER9	PX	.000148	.000148	0	0
143	KICKER8	PX	.000148	.000148	0	0
144	KICKER7	PX	.000148	.000148	0	0
145	KICKER6	PX	.000148	.000148	0	0
146	KICKER5	PX	.000148	.000148	0	0
147	KICKER4	PX	.000148	.000148	0	0
148	KICKER3	PX	.000148	.000148	0	0
149	KICKER2	PX	.000148	.000148	0	0
150	KICKER1	PX	.000148	.000148	0	0
151	FP12	PX	6.6e-5	6.6e-5	0	0
152	FP11	PX	6.6e-5	6.6e-5	0	0
153	FP10	PX	6.6e-5	6.6e-5	0	0
154	FP9	PX	6.6e-5	6.6e-5	0	0
155	FP8	PX	6.6e-5	6.6e-5	0	0
156	FP7	PX	6.6e-5	6.6e-5	0	0
157	FP6	PX	6.6e-5	6.6e-5	0	0
158	FP5	PX	6.6e-5	6.6e-5	0	0
159	FP4	PX	6.6e-5	6.6e-5	0	0
160	FP3	PX	6.6e-5	6.6e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 25 : Maintenance (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
161	FP2	PX	6.6e-5	6.6e-5	0	0
162	FP1	PX	6.6e-5	6.6e-5	0	0
163	FACE1B	PX	.000295	.000295	0	0
164	FACE1A	PX	.000295	.000295	0	0
165	FACE2B	PX	.000295	.000295	0	0
166	FACE2A	PX	.000295	.000295	0	0
167	FACE3B	PX	.000148	.000148	0	0
168	FACE3A	PX	.000148	.000148	0	0
169	DIAG6	PX	4.7e-5	4.7e-5	0	0
170	DIAG5	PX	4.7e-5	4.7e-5	0	0
171	DIAG4	PX	4.7e-5	4.7e-5	0	0
172	DIAG3	PX	4.7e-5	4.7e-5	0	0
173	DIAG2	PX	4.7e-5	4.7e-5	0	0
174	DIAG1	PX	4.7e-5	4.7e-5	0	0
175	BP36	PX	.000704	.000704	0	0
176	BP35	PX	.000704	.000704	0	0
177	BP34	PX	.000704	.000704	0	0
178	BP33	PX	.000704	.000704	0	0
179	BP32	PX	.000704	.000704	0	0
180	BP31	PX	.000704	.000704	0	0
181	BP30	PX	.000704	.000704	0	0
182	BP29	PX	.000704	.000704	0	0
183	BP28	PX	.000704	.000704	0	0
184	BP27	PX	.000704	.000704	0	0
185	BP26	PX	.000704	.000704	0	0
186	BP25	PX	.000704	.000704	0	0
187	BP24	PX	.000704	.000704	0	0
188	BP23	PX	.000704	.000704	0	0
189	BP22	PX	.000704	.000704	0	0
190	BP21	PX	.000704	.000704	0	0
191	BP20	PX	.000704	.000704	0	0
192	BP19	PX	.000704	.000704	0	0
193	BP18	PX	.000704	.000704	0	0
194	BP17	PX	.000704	.000704	0	0
195	BP16	PX	.000704	.000704	0	0
196	BP15	PX	.000704	.000704	0	0
197	BP14	PX	.000704	.000704	0	0
198	BP13	PX	.000704	.000704	0	0
199	BP12	PX	.000704	.000704	0	0
200	BP11	PX	.000704	.000704	0	0
201	BP10	PX	.000704	.000704	0	0
202	BP9	PX	.000704	.000704	0	0
203	BP8	PX	.000704	.000704	0	0
204	BP7	PX	.000704	.000704	0	0
205	BP6	PX	.000704	.000704	0	0
206	BP5	PX	.000704	.000704	0	0
207	BP4	PX	.000704	.000704	0	0
208	BP3	PX	.000704	.000704	0	0
209	BP2	PX	.000704	.000704	0	0
210	BP1	PX	.000704	.000704	0	0
211	BACK6	PX	8.8e-5	8.8e-5	0	0
212	BACK5	PX	8.8e-5	8.8e-5	0	0
213	BACK4	PX	8.8e-5	8.8e-5	0	0
214	BACK3	PX	8.8e-5	8.8e-5	0	0
215	BACK2	PX	8.8e-5	8.8e-5	0	0
216	BACK1	PX	8.8e-5	8.8e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 26 : Maintenance (330))

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
1	VERT12	PY	-4.7e-5	-4.7e-5	0	0
2	VERT11	PY	-4.7e-5	-4.7e-5	0	0
3	VERT10	PY	-4.7e-5	-4.7e-5	0	0
4	VERT9	PY	-4.7e-5	-4.7e-5	0	0
5	VERT8	PY	-4.7e-5	-4.7e-5	0	0
6	VERT7	PY	-4.7e-5	-4.7e-5	0	0
7	VERT6	PY	-4.7e-5	-4.7e-5	0	0
8	VERT5	PY	-4.7e-5	-4.7e-5	0	0
9	VERT4	PY	-4.7e-5	-4.7e-5	0	0
10	VERT3	PY	-4.7e-5	-4.7e-5	0	0
11	VERT2	PY	-4.7e-5	-4.7e-5	0	0
12	VERT1	PY	-4.7e-5	-4.7e-5	0	0
13	TIEBACK3	PY	-0.00116	-0.00116	0	0
14	TIEBACK2	PY	-0.00116	-0.00116	0	0
15	TIEBACK1	PY	-0.00116	-0.00116	0	0
16	PIPE3	PY	-0.0028	-0.0028	0	0
17	PIPE2	PY	-0.0028	-0.0028	0	0
18	PIPE1	PY	-0.0028	-0.0028	0	0
19	MP GAMMA5	PY	-0.00501	-0.00501	0	0
20	MP GAMMA4	PY	-0.00501	-0.00501	0	0
21	MP GAMMA3	PY	-0.00501	-0.00501	0	0
22	MP GAMMA2	PY	-0.00501	-0.00501	0	0
23	MP BETA5	PY	-0.00501	-0.00501	0	0
24	MP BETA4	PY	-0.00501	-0.00501	0	0
25	MP BETA3	PY	-0.00501	-0.00501	0	0
26	MP BETA2	PY	-0.00501	-0.00501	0	0
27	MP ALPHA5	PY	-0.00501	-0.00501	0	0
28	MP ALPHA4	PY	-0.00501	-0.00501	0	0
29	MP ALPHA3	PY	-0.00501	-0.00501	0	0
30	MP ALPHA2	PY	-0.00501	-0.00501	0	0
31	KICKER12	PY	-0.00148	-0.00148	0	0
32	KICKER11	PY	-0.00148	-0.00148	0	0
33	KICKER10	PY	-0.00148	-0.00148	0	0
34	KICKER9	PY	-0.00148	-0.00148	0	0
35	KICKER8	PY	-0.00148	-0.00148	0	0
36	KICKER7	PY	-0.00148	-0.00148	0	0
37	KICKER6	PY	-0.00148	-0.00148	0	0
38	KICKER5	PY	-0.00148	-0.00148	0	0
39	KICKER4	PY	-0.00148	-0.00148	0	0
40	KICKER3	PY	-0.00148	-0.00148	0	0
41	KICKER2	PY	-0.00148	-0.00148	0	0
42	KICKER1	PY	-0.00148	-0.00148	0	0
43	FP12	PY	-6.6e-5	-6.6e-5	0	0
44	FP11	PY	-6.6e-5	-6.6e-5	0	0
45	FP10	PY	-6.6e-5	-6.6e-5	0	0
46	FP9	PY	-6.6e-5	-6.6e-5	0	0
47	FP8	PY	-6.6e-5	-6.6e-5	0	0
48	FP7	PY	-6.6e-5	-6.6e-5	0	0
49	FP6	PY	-6.6e-5	-6.6e-5	0	0
50	FP5	PY	-6.6e-5	-6.6e-5	0	0
51	FP4	PY	-6.6e-5	-6.6e-5	0	0
52	FP3	PY	-6.6e-5	-6.6e-5	0	0
53	FP2	PY	-6.6e-5	-6.6e-5	0	0
54	FP1	PY	-6.6e-5	-6.6e-5	0	0
55	FACE3B	PY	-0.00295	-0.00295	0	0
56	FACE3A	PY	-0.00295	-0.00295	0	0
57	FACE2B	PY	-0.00295	-0.00295	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
58	FACE2A	PY	-0.00295	-0.00295	0	0
59	FACE1B	PY	-0.00148	-0.00148	0	0
60	FACE1A	PY	-0.00148	-0.00148	0	0
61	DIAG6	PY	-4.7e-5	-4.7e-5	0	0
62	DIAG5	PY	-4.7e-5	-4.7e-5	0	0
63	DIAG4	PY	-4.7e-5	-4.7e-5	0	0
64	DIAG3	PY	-4.7e-5	-4.7e-5	0	0
65	DIAG2	PY	-4.7e-5	-4.7e-5	0	0
66	DIAG1	PY	-4.7e-5	-4.7e-5	0	0
67	BP36	PY	-0.00704	-0.00704	0	0
68	BP35	PY	-0.00704	-0.00704	0	0
69	BP34	PY	-0.00704	-0.00704	0	0
70	BP33	PY	-0.00704	-0.00704	0	0
71	BP32	PY	-0.00704	-0.00704	0	0
72	BP31	PY	-0.00704	-0.00704	0	0
73	BP30	PY	-0.00704	-0.00704	0	0
74	BP29	PY	-0.00704	-0.00704	0	0
75	BP28	PY	-0.00704	-0.00704	0	0
76	BP27	PY	-0.00704	-0.00704	0	0
77	BP26	PY	-0.00704	-0.00704	0	0
78	BP25	PY	-0.00704	-0.00704	0	0
79	BP24	PY	-0.00704	-0.00704	0	0
80	BP23	PY	-0.00704	-0.00704	0	0
81	BP22	PY	-0.00704	-0.00704	0	0
82	BP21	PY	-0.00704	-0.00704	0	0
83	BP20	PY	-0.00704	-0.00704	0	0
84	BP19	PY	-0.00704	-0.00704	0	0
85	BP18	PY	-0.00704	-0.00704	0	0
86	BP17	PY	-0.00704	-0.00704	0	0
87	BP16	PY	-0.00704	-0.00704	0	0
88	BP15	PY	-0.00704	-0.00704	0	0
89	BP14	PY	-0.00704	-0.00704	0	0
90	BP13	PY	-0.00704	-0.00704	0	0
91	BP12	PY	-0.00704	-0.00704	0	0
92	BP11	PY	-0.00704	-0.00704	0	0
93	BP10	PY	-0.00704	-0.00704	0	0
94	BP9	PY	-0.00704	-0.00704	0	0
95	BP8	PY	-0.00704	-0.00704	0	0
96	BP7	PY	-0.00704	-0.00704	0	0
97	BP6	PY	-0.00704	-0.00704	0	0
98	BP5	PY	-0.00704	-0.00704	0	0
99	BP4	PY	-0.00704	-0.00704	0	0
100	BP3	PY	-0.00704	-0.00704	0	0
101	BP2	PY	-0.00704	-0.00704	0	0
102	BP1	PY	-0.00704	-0.00704	0	0
103	BACK6	PY	-8.8e-5	-8.8e-5	0	0
104	BACK5	PY	-8.8e-5	-8.8e-5	0	0
105	BACK4	PY	-8.8e-5	-8.8e-5	0	0
106	BACK3	PY	-8.8e-5	-8.8e-5	0	0
107	BACK2	PY	-8.8e-5	-8.8e-5	0	0
108	BACK1	PY	-8.8e-5	-8.8e-5	0	0
109	VERT12	PX	2.7e-5	2.7e-5	0	0
110	VERT11	PX	2.7e-5	2.7e-5	0	0
111	VERT10	PX	2.7e-5	2.7e-5	0	0
112	VERT9	PX	2.7e-5	2.7e-5	0	0
113	VERT8	PX	2.7e-5	2.7e-5	0	0
114	VERT7	PX	2.7e-5	2.7e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 26 : Maintenance (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
115	VERT6	PX	2.7e-5	2.7e-5	0	0
116	VERT5	PX	2.7e-5	2.7e-5	0	0
117	VERT4	PX	2.7e-5	2.7e-5	0	0
118	VERT3	PX	2.7e-5	2.7e-5	0	0
119	VERT2	PX	2.7e-5	2.7e-5	0	0
120	VERT1	PX	2.7e-5	2.7e-5	0	0
121	TIEBACK3	PX	6.7e-5	6.7e-5	0	0
122	TIEBACK2	PX	6.7e-5	6.7e-5	0	0
123	TIEBACK1	PX	6.7e-5	6.7e-5	0	0
124	PIPE3	PX	.000161	.000161	0	0
125	PIPE2	PX	.000161	.000161	0	0
126	PIPE1	PX	.000161	.000161	0	0
127	MP GAMMA5	PX	.000289	.000289	0	0
128	MP GAMMA4	PX	.000289	.000289	0	0
129	MP GAMMA3	PX	.000289	.000289	0	0
130	MP GAMMA2	PX	.000289	.000289	0	0
131	MP BETA5	PX	.000289	.000289	0	0
132	MP BETA4	PX	.000289	.000289	0	0
133	MP BETA3	PX	.000289	.000289	0	0
134	MP BETA2	PX	.000289	.000289	0	0
135	MP ALPHA5	PX	.000289	.000289	0	0
136	MP ALPHA4	PX	.000289	.000289	0	0
137	MP ALPHA3	PX	.000289	.000289	0	0
138	MP ALPHA2	PX	.000289	.000289	0	0
139	KICKER12	PX	8.5e-5	8.5e-5	0	0
140	KICKER11	PX	8.5e-5	8.5e-5	0	0
141	KICKER10	PX	8.5e-5	8.5e-5	0	0
142	KICKER9	PX	8.5e-5	8.5e-5	0	0
143	KICKER8	PX	8.5e-5	8.5e-5	0	0
144	KICKER7	PX	8.5e-5	8.5e-5	0	0
145	KICKER6	PX	8.5e-5	8.5e-5	0	0
146	KICKER5	PX	8.5e-5	8.5e-5	0	0
147	KICKER4	PX	8.5e-5	8.5e-5	0	0
148	KICKER3	PX	8.5e-5	8.5e-5	0	0
149	KICKER2	PX	8.5e-5	8.5e-5	0	0
150	KICKER1	PX	8.5e-5	8.5e-5	0	0
151	FP12	PX	3.8e-5	3.8e-5	0	0
152	FP11	PX	3.8e-5	3.8e-5	0	0
153	FP10	PX	3.8e-5	3.8e-5	0	0
154	FP9	PX	3.8e-5	3.8e-5	0	0
155	FP8	PX	3.8e-5	3.8e-5	0	0
156	FP7	PX	3.8e-5	3.8e-5	0	0
157	FP6	PX	3.8e-5	3.8e-5	0	0
158	FP5	PX	3.8e-5	3.8e-5	0	0
159	FP4	PX	3.8e-5	3.8e-5	0	0
160	FP3	PX	3.8e-5	3.8e-5	0	0
161	FP2	PX	3.8e-5	3.8e-5	0	0
162	FP1	PX	3.8e-5	3.8e-5	0	0
163	FACE3B	PX	.00017	.00017	0	0
164	FACE3A	PX	.00017	.00017	0	0
165	FACE2B	PX	.00017	.00017	0	0
166	FACE2A	PX	.00017	.00017	0	0
167	FACE1B	PX	8.5e-5	8.5e-5	0	0
168	FACE1A	PX	8.5e-5	8.5e-5	0	0
169	DIAG6	PX	2.7e-5	2.7e-5	0	0
170	DIAG5	PX	2.7e-5	2.7e-5	0	0
171	DIAG4	PX	2.7e-5	2.7e-5	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 26 : Maintenance (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
172	DIAG3	PX	2.7e-5	2.7e-5	0	0
173	DIAG2	PX	2.7e-5	2.7e-5	0	0
174	DIAG1	PX	2.7e-5	2.7e-5	0	0
175	BP36	PX	.000406	.000406	0	0
176	BP35	PX	.000406	.000406	0	0
177	BP34	PX	.000406	.000406	0	0
178	BP33	PX	.000406	.000406	0	0
179	BP32	PX	.000406	.000406	0	0
180	BP31	PX	.000406	.000406	0	0
181	BP30	PX	.000406	.000406	0	0
182	BP29	PX	.000406	.000406	0	0
183	BP28	PX	.000406	.000406	0	0
184	BP27	PX	.000406	.000406	0	0
185	BP26	PX	.000406	.000406	0	0
186	BP25	PX	.000406	.000406	0	0
187	BP24	PX	.000406	.000406	0	0
188	BP23	PX	.000406	.000406	0	0
189	BP22	PX	.000406	.000406	0	0
190	BP21	PX	.000406	.000406	0	0
191	BP20	PX	.000406	.000406	0	0
192	BP19	PX	.000406	.000406	0	0
193	BP18	PX	.000406	.000406	0	0
194	BP17	PX	.000406	.000406	0	0
195	BP16	PX	.000406	.000406	0	0
196	BP15	PX	.000406	.000406	0	0
197	BP14	PX	.000406	.000406	0	0
198	BP13	PX	.000406	.000406	0	0
199	BP12	PX	.000406	.000406	0	0
200	BP11	PX	.000406	.000406	0	0
201	BP10	PX	.000406	.000406	0	0
202	BP9	PX	.000406	.000406	0	0
203	BP8	PX	.000406	.000406	0	0
204	BP7	PX	.000406	.000406	0	0
205	BP6	PX	.000406	.000406	0	0
206	BP5	PX	.000406	.000406	0	0
207	BP4	PX	.000406	.000406	0	0
208	BP3	PX	.000406	.000406	0	0
209	BP2	PX	.000406	.000406	0	0
210	BP1	PX	.000406	.000406	0	0
211	BACK6	PX	5.1e-5	5.1e-5	0	0
212	BACK5	PX	5.1e-5	5.1e-5	0	0
213	BACK4	PX	5.1e-5	5.1e-5	0	0
214	BACK3	PX	5.1e-5	5.1e-5	0	0
215	BACK2	PX	5.1e-5	5.1e-5	0	0
216	BACK1	PX	5.1e-5	5.1e-5	0	0

Member Distributed Loads (BLC 27 : Ice Dead Load)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
1	VERT12	Z	-.005	-.005	0	0
2	VERT11	Z	-.005	-.005	0	0
3	VERT10	Z	-.005	-.005	0	0
4	VERT9	Z	-.005	-.005	0	0
5	VERT8	Z	-.005	-.005	0	0
6	VERT7	Z	-.005	-.005	0	0
7	VERT6	Z	-.005	-.005	0	0
8	VERT5	Z	-.005	-.005	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 27 : Ice Dead Load) (Continued)

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
9	VERT4	Z	-0.005	-0.005	0	0
10	VERT3	Z	-0.005	-0.005	0	0
11	VERT2	Z	-0.005	-0.005	0	0
12	VERT1	Z	-0.005	-0.005	0	0
13	TIEBACK3	Z	-0.007	-0.007	0	0
14	TIEBACK2	Z	-0.007	-0.007	0	0
15	TIEBACK1	Z	-0.007	-0.007	0	0
16	PIPE3	Z	-0.013	-0.013	0	0
17	PIPE2	Z	-0.013	-0.013	0	0
18	PIPE1	Z	-0.013	-0.013	0	0
19	MP GAMMA5	Z	-0.008	-0.008	0	0
20	MP GAMMA4	Z	-0.008	-0.008	0	0
21	MP GAMMA3	Z	-0.008	-0.008	0	0
22	MP GAMMA2	Z	-0.008	-0.008	0	0
23	MP BETA5	Z	-0.008	-0.008	0	0
24	MP BETA4	Z	-0.008	-0.008	0	0
25	MP BETA3	Z	-0.008	-0.008	0	0
26	MP BETA2	Z	-0.008	-0.008	0	0
27	MP ALPHA5	Z	-0.008	-0.008	0	0
28	MP ALPHA4	Z	-0.008	-0.008	0	0
29	MP ALPHA3	Z	-0.008	-0.008	0	0
30	MP ALPHA2	Z	-0.008	-0.008	0	0
31	KICKER12	Z	-0.008	-0.008	0	0
32	KICKER11	Z	-0.008	-0.008	0	0
33	KICKER10	Z	-0.008	-0.008	0	0
34	KICKER9	Z	-0.008	-0.008	0	0
35	KICKER8	Z	-0.008	-0.008	0	0
36	KICKER7	Z	-0.008	-0.008	0	0
37	KICKER6	Z	-0.008	-0.008	0	0
38	KICKER5	Z	-0.008	-0.008	0	0
39	KICKER4	Z	-0.008	-0.008	0	0
40	KICKER3	Z	-0.008	-0.008	0	0
41	KICKER2	Z	-0.008	-0.008	0	0
42	KICKER1	Z	-0.008	-0.008	0	0
43	FP12	Z	-0.013	-0.013	0	0
44	FP11	Z	-0.013	-0.013	0	0
45	FP10	Z	-0.013	-0.013	0	0
46	FP9	Z	-0.013	-0.013	0	0
47	FP8	Z	-0.013	-0.013	0	0
48	FP7	Z	-0.013	-0.013	0	0
49	FP6	Z	-0.013	-0.013	0	0
50	FP5	Z	-0.013	-0.013	0	0
51	FP4	Z	-0.013	-0.013	0	0
52	FP3	Z	-0.013	-0.013	0	0
53	FP2	Z	-0.013	-0.013	0	0
54	FP1	Z	-0.013	-0.013	0	0
55	FACE3B	Z	-0.008	-0.008	0	0
56	FACE3A	Z	-0.008	-0.008	0	0
57	FACE2B	Z	-0.008	-0.008	0	0
58	FACE2A	Z	-0.008	-0.008	0	0
59	FACE1B	Z	-0.008	-0.008	0	0
60	FACE1A	Z	-0.008	-0.008	0	0
61	DIAG6	Z	-0.005	-0.005	0	0
62	DIAG5	Z	-0.005	-0.005	0	0
63	DIAG4	Z	-0.005	-0.005	0	0
64	DIAG3	Z	-0.005	-0.005	0	0
65	DIAG2	Z	-0.005	-0.005	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
66	DIAG1	Z	-0.005	-0.005	0	0
67	BP36	Z	-0.01	-0.01	0	0
68	BP35	Z	-0.01	-0.01	0	0
69	BP34	Z	-0.01	-0.01	0	0
70	BP33	Z	-0.01	-0.01	0	0
71	BP32	Z	-0.01	-0.01	0	0
72	BP31	Z	-0.01	-0.01	0	0
73	BP30	Z	-0.01	-0.01	0	0
74	BP29	Z	-0.01	-0.01	0	0
75	BP28	Z	-0.01	-0.01	0	0
76	BP27	Z	-0.01	-0.01	0	0
77	BP26	Z	-0.01	-0.01	0	0
78	BP25	Z	-0.01	-0.01	0	0
79	BP24	Z	-0.01	-0.01	0	0
80	BP23	Z	-0.01	-0.01	0	0
81	BP22	Z	-0.01	-0.01	0	0
82	BP21	Z	-0.01	-0.01	0	0
83	BP20	Z	-0.01	-0.01	0	0
84	BP19	Z	-0.01	-0.01	0	0
85	BP18	Z	-0.01	-0.01	0	0
86	BP17	Z	-0.01	-0.01	0	0
87	BP16	Z	-0.01	-0.01	0	0
88	BP15	Z	-0.01	-0.01	0	0
89	BP14	Z	-0.01	-0.01	0	0
90	BP13	Z	-0.01	-0.01	0	0
91	BP12	Z	-0.01	-0.01	0	0
92	BP11	Z	-0.01	-0.01	0	0
93	BP10	Z	-0.01	-0.01	0	0
94	BP9	Z	-0.01	-0.01	0	0
95	BP8	Z	-0.01	-0.01	0	0
96	BP7	Z	-0.01	-0.01	0	0
97	BP6	Z	-0.01	-0.01	0	0
98	BP5	Z	-0.01	-0.01	0	0
99	BP4	Z	-0.01	-0.01	0	0
100	BP3	Z	-0.01	-0.01	0	0
101	BP2	Z	-0.01	-0.01	0	0
102	BP1	Z	-0.01	-0.01	0	0
103	BACK6	Z	-0.013	-0.013	0	0
104	BACK5	Z	-0.013	-0.013	0	0
105	BACK4	Z	-0.013	-0.013	0	0
106	BACK3	Z	-0.013	-0.013	0	0
107	BACK2	Z	-0.013	-0.013	0	0
108	BACK1	Z	-0.013	-0.013	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	-0.000998	-0.000998	0	0
2	VERT11	PY	-0.000998	-0.000998	0	0
3	VERT10	PY	-0.000998	-0.000998	0	0
4	VERT9	PY	-0.000998	-0.000998	0	0
5	VERT8	PY	-0.000998	-0.000998	0	0
6	VERT7	PY	-0.000998	-0.000998	0	0
7	VERT6	PY	-0.000998	-0.000998	0	0
8	VERT5	PY	-0.000998	-0.000998	0	0
9	VERT4	PY	-0.000998	-0.000998	0	0
10	VERT3	PY	-0.000998	-0.000998	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
11	VERT2	PY	-0.000998	-0.000998	0	0
12	VERT1	PY	-0.000998	-0.000998	0	0
13	TIEBACK3	PY	-0.001	-0.001	0	0
14	TIEBACK2	PY	-0.001	-0.001	0	0
15	TIEBACK1	PY	-0.001	-0.001	0	0
16	PIPE3	PY	-0.002	-0.002	0	0
17	PIPE2	PY	-0.002	-0.002	0	0
18	PIPE1	PY	-0.002	-0.002	0	0
19	MP GAMMA5	PY	-0.004	-0.004	0	0
20	MP GAMMA4	PY	-0.004	-0.004	0	0
21	MP GAMMA3	PY	-0.004	-0.004	0	0
22	MP GAMMA2	PY	-0.004	-0.004	0	0
23	MP BETA5	PY	-0.004	-0.004	0	0
24	MP BETA4	PY	-0.004	-0.004	0	0
25	MP BETA3	PY	-0.004	-0.004	0	0
26	MP BETA2	PY	-0.004	-0.004	0	0
27	MP ALPHA5	PY	-0.004	-0.004	0	0
28	MP ALPHA4	PY	-0.004	-0.004	0	0
29	MP ALPHA3	PY	-0.004	-0.004	0	0
30	MP ALPHA2	PY	-0.004	-0.004	0	0
31	KICKER12	PY	-0.001	-0.001	0	0
32	KICKER11	PY	-0.001	-0.001	0	0
33	KICKER10	PY	-0.001	-0.001	0	0
34	KICKER9	PY	-0.001	-0.001	0	0
35	KICKER8	PY	-0.001	-0.001	0	0
36	KICKER7	PY	-0.001	-0.001	0	0
37	KICKER6	PY	-0.001	-0.001	0	0
38	KICKER5	PY	-0.001	-0.001	0	0
39	KICKER4	PY	-0.001	-0.001	0	0
40	KICKER3	PY	-0.001	-0.001	0	0
41	KICKER2	PY	-0.001	-0.001	0	0
42	KICKER1	PY	-0.001	-0.001	0	0
43	FP12	PY	-0.002	-0.002	0	0
44	FP11	PY	-0.002	-0.002	0	0
45	FP10	PY	-0.002	-0.002	0	0
46	FP9	PY	-0.002	-0.002	0	0
47	FP8	PY	-0.002	-0.002	0	0
48	FP7	PY	-0.002	-0.002	0	0
49	FP6	PY	-0.002	-0.002	0	0
50	FP5	PY	-0.002	-0.002	0	0
51	FP4	PY	-0.002	-0.002	0	0
52	FP3	PY	-0.002	-0.002	0	0
53	FP2	PY	-0.002	-0.002	0	0
54	FP1	PY	-0.002	-0.002	0	0
55	FACE3B	PY	-0.003	-0.003	0	0
56	FACE3A	PY	-0.003	-0.003	0	0
57	FACE2B	PY	-0.003	-0.003	0	0
58	FACE2A	PY	-0.003	-0.003	0	0
59	FACE1B	PY	-0.001	-0.001	0	0
60	FACE1A	PY	-0.001	-0.001	0	0
61	DIAG6	PY	-0.000998	-0.000998	0	0
62	DIAG5	PY	-0.000998	-0.000998	0	0
63	DIAG4	PY	-0.000998	-0.000998	0	0
64	DIAG3	PY	-0.000998	-0.000998	0	0
65	DIAG2	PY	-0.000998	-0.000998	0	0
66	DIAG1	PY	-0.000998	-0.000998	0	0
67	BP36	PY	-0.003	-0.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft, %]	End Location[ft, %]
68	BP35	PY	-0.003	-0.003	0	0
69	BP34	PY	-0.003	-0.003	0	0
70	BP33	PY	-0.003	-0.003	0	0
71	BP32	PY	-0.003	-0.003	0	0
72	BP31	PY	-0.003	-0.003	0	0
73	BP30	PY	-0.003	-0.003	0	0
74	BP29	PY	-0.003	-0.003	0	0
75	BP28	PY	-0.003	-0.003	0	0
76	BP27	PY	-0.003	-0.003	0	0
77	BP26	PY	-0.003	-0.003	0	0
78	BP25	PY	-0.003	-0.003	0	0
79	BP24	PY	-0.003	-0.003	0	0
80	BP23	PY	-0.003	-0.003	0	0
81	BP22	PY	-0.003	-0.003	0	0
82	BP21	PY	-0.003	-0.003	0	0
83	BP20	PY	-0.003	-0.003	0	0
84	BP19	PY	-0.003	-0.003	0	0
85	BP18	PY	-0.003	-0.003	0	0
86	BP17	PY	-0.003	-0.003	0	0
87	BP16	PY	-0.003	-0.003	0	0
88	BP15	PY	-0.003	-0.003	0	0
89	BP14	PY	-0.003	-0.003	0	0
90	BP13	PY	-0.003	-0.003	0	0
91	BP12	PY	-0.003	-0.003	0	0
92	BP11	PY	-0.003	-0.003	0	0
93	BP10	PY	-0.003	-0.003	0	0
94	BP9	PY	-0.003	-0.003	0	0
95	BP8	PY	-0.003	-0.003	0	0
96	BP7	PY	-0.003	-0.003	0	0
97	BP6	PY	-0.003	-0.003	0	0
98	BP5	PY	-0.003	-0.003	0	0
99	BP4	PY	-0.003	-0.003	0	0
100	BP3	PY	-0.003	-0.003	0	0
101	BP2	PY	-0.003	-0.003	0	0
102	BP1	PY	-0.003	-0.003	0	0
103	BACK6	PY	-0.002	-0.002	0	0
104	BACK5	PY	-0.002	-0.002	0	0
105	BACK4	PY	-0.002	-0.002	0	0
106	BACK3	PY	-0.002	-0.002	0	0
107	BACK2	PY	-0.002	-0.002	0	0
108	BACK1	PY	-0.002	-0.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft, %]	End Location[ft, %]
1	VERT12	PY	-0.000864	-0.000864	0	0
2	VERT11	PY	-0.000864	-0.000864	0	0
3	VERT10	PY	-0.000864	-0.000864	0	0
4	VERT9	PY	-0.000864	-0.000864	0	0
5	VERT8	PY	-0.000864	-0.000864	0	0
6	VERT7	PY	-0.000864	-0.000864	0	0
7	VERT6	PY	-0.000864	-0.000864	0	0
8	VERT5	PY	-0.000864	-0.000864	0	0
9	VERT4	PY	-0.000864	-0.000864	0	0
10	VERT3	PY	-0.000864	-0.000864	0	0
11	VERT2	PY	-0.000864	-0.000864	0	0
12	VERT1	PY	-0.000864	-0.000864	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
13	TIEBACK3	PY	-0.001	-0.001	0	0
14	TIEBACK2	PY	-0.001	-0.001	0	0
15	TIEBACK1	PY	-0.001	-0.001	0	0
16	PIPE3	PY	-0.002	-0.002	0	0
17	PIPE2	PY	-0.002	-0.002	0	0
18	PIPE1	PY	-0.002	-0.002	0	0
19	MP GAMMA5	PY	-0.003	-0.003	0	0
20	MP GAMMA4	PY	-0.003	-0.003	0	0
21	MP GAMMA3	PY	-0.003	-0.003	0	0
22	MP GAMMA2	PY	-0.003	-0.003	0	0
23	MP BETA5	PY	-0.003	-0.003	0	0
24	MP BETA4	PY	-0.003	-0.003	0	0
25	MP BETA3	PY	-0.003	-0.003	0	0
26	MP BETA2	PY	-0.003	-0.003	0	0
27	MP ALPHA5	PY	-0.003	-0.003	0	0
28	MP ALPHA4	PY	-0.003	-0.003	0	0
29	MP ALPHA3	PY	-0.003	-0.003	0	0
30	MP ALPHA2	PY	-0.003	-0.003	0	0
31	KICKER12	PY	-0.001	-0.001	0	0
32	KICKER11	PY	-0.001	-0.001	0	0
33	KICKER10	PY	-0.001	-0.001	0	0
34	KICKER9	PY	-0.001	-0.001	0	0
35	KICKER8	PY	-0.001	-0.001	0	0
36	KICKER7	PY	-0.001	-0.001	0	0
37	KICKER6	PY	-0.001	-0.001	0	0
38	KICKER5	PY	-0.001	-0.001	0	0
39	KICKER4	PY	-0.001	-0.001	0	0
40	KICKER3	PY	-0.001	-0.001	0	0
41	KICKER2	PY	-0.001	-0.001	0	0
42	KICKER1	PY	-0.001	-0.001	0	0
43	FP12	PY	-0.001	-0.001	0	0
44	FP11	PY	-0.001	-0.001	0	0
45	FP10	PY	-0.001	-0.001	0	0
46	FP9	PY	-0.001	-0.001	0	0
47	FP8	PY	-0.001	-0.001	0	0
48	FP7	PY	-0.001	-0.001	0	0
49	FP6	PY	-0.001	-0.001	0	0
50	FP5	PY	-0.001	-0.001	0	0
51	FP4	PY	-0.001	-0.001	0	0
52	FP3	PY	-0.001	-0.001	0	0
53	FP2	PY	-0.001	-0.001	0	0
54	FP1	PY	-0.001	-0.001	0	0
55	FACE3B	PY	-0.002	-0.002	0	0
56	FACE3A	PY	-0.002	-0.002	0	0
57	FACE2B	PY	-0.002	-0.002	0	0
58	FACE2A	PY	-0.002	-0.002	0	0
59	FACE1B	PY	-0.001	-0.001	0	0
60	FACE1A	PY	-0.001	-0.001	0	0
61	DIAG6	PY	-0.000864	-0.000864	0	0
62	DIAG5	PY	-0.000864	-0.000864	0	0
63	DIAG4	PY	-0.000864	-0.000864	0	0
64	DIAG3	PY	-0.000864	-0.000864	0	0
65	DIAG2	PY	-0.000864	-0.000864	0	0
66	DIAG1	PY	-0.000864	-0.000864	0	0
67	BP36	PY	-0.003	-0.003	0	0
68	BP35	PY	-0.003	-0.003	0	0
69	BP34	PY	-0.003	-0.003	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
70	BP33	PY	-0.003	-0.003	0	0
71	BP32	PY	-0.003	-0.003	0	0
72	BP31	PY	-0.003	-0.003	0	0
73	BP30	PY	-0.003	-0.003	0	0
74	BP29	PY	-0.003	-0.003	0	0
75	BP28	PY	-0.003	-0.003	0	0
76	BP27	PY	-0.003	-0.003	0	0
77	BP26	PY	-0.003	-0.003	0	0
78	BP25	PY	-0.003	-0.003	0	0
79	BP24	PY	-0.003	-0.003	0	0
80	BP23	PY	-0.003	-0.003	0	0
81	BP22	PY	-0.003	-0.003	0	0
82	BP21	PY	-0.003	-0.003	0	0
83	BP20	PY	-0.003	-0.003	0	0
84	BP19	PY	-0.003	-0.003	0	0
85	BP18	PY	-0.003	-0.003	0	0
86	BP17	PY	-0.003	-0.003	0	0
87	BP16	PY	-0.003	-0.003	0	0
88	BP15	PY	-0.003	-0.003	0	0
89	BP14	PY	-0.003	-0.003	0	0
90	BP13	PY	-0.003	-0.003	0	0
91	BP12	PY	-0.003	-0.003	0	0
92	BP11	PY	-0.003	-0.003	0	0
93	BP10	PY	-0.003	-0.003	0	0
94	BP9	PY	-0.003	-0.003	0	0
95	BP8	PY	-0.003	-0.003	0	0
96	BP7	PY	-0.003	-0.003	0	0
97	BP6	PY	-0.003	-0.003	0	0
98	BP5	PY	-0.003	-0.003	0	0
99	BP4	PY	-0.003	-0.003	0	0
100	BP3	PY	-0.003	-0.003	0	0
101	BP2	PY	-0.003	-0.003	0	0
102	BP1	PY	-0.003	-0.003	0	0
103	BACK6	PY	-0.001	-0.001	0	0
104	BACK5	PY	-0.001	-0.001	0	0
105	BACK4	PY	-0.001	-0.001	0	0
106	BACK3	PY	-0.001	-0.001	0	0
107	BACK2	PY	-0.001	-0.001	0	0
108	BACK1	PY	-0.001	-0.001	0	0
109	VERT12	PX	-0.00499	-0.00499	0	0
110	VERT11	PX	-0.00499	-0.00499	0	0
111	VERT10	PX	-0.00499	-0.00499	0	0
112	VERT9	PX	-0.00499	-0.00499	0	0
113	VERT8	PX	-0.00499	-0.00499	0	0
114	VERT7	PX	-0.00499	-0.00499	0	0
115	VERT6	PX	-0.00499	-0.00499	0	0
116	VERT5	PX	-0.00499	-0.00499	0	0
117	VERT4	PX	-0.00499	-0.00499	0	0
118	VERT3	PX	-0.00499	-0.00499	0	0
119	VERT2	PX	-0.00499	-0.00499	0	0
120	VERT1	PX	-0.00499	-0.00499	0	0
121	TIEBACK3	PX	-0.00637	-0.00637	0	0
122	TIEBACK2	PX	-0.00637	-0.00637	0	0
123	TIEBACK1	PX	-0.00637	-0.00637	0	0
124	PIPE3	PX	-0.00958	-0.00958	0	0
125	PIPE2	PX	-0.00958	-0.00958	0	0
126	PIPE1	PX	-0.00958	-0.00958	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
127	MP GAMMA5	PX	-0.002	-0.002	0	0
128	MP GAMMA4	PX	-0.002	-0.002	0	0
129	MP GAMMA3	PX	-0.002	-0.002	0	0
130	MP GAMMA2	PX	-0.002	-0.002	0	0
131	MP BETA5	PX	-0.002	-0.002	0	0
132	MP BETA4	PX	-0.002	-0.002	0	0
133	MP BETA3	PX	-0.002	-0.002	0	0
134	MP BETA2	PX	-0.002	-0.002	0	0
135	MP ALPHA5	PX	-0.002	-0.002	0	0
136	MP ALPHA4	PX	-0.002	-0.002	0	0
137	MP ALPHA3	PX	-0.002	-0.002	0	0
138	MP ALPHA2	PX	-0.002	-0.002	0	0
139	KICKER12	PX	-0.00698	-0.00698	0	0
140	KICKER11	PX	-0.00698	-0.00698	0	0
141	KICKER10	PX	-0.00698	-0.00698	0	0
142	KICKER9	PX	-0.00698	-0.00698	0	0
143	KICKER8	PX	-0.00698	-0.00698	0	0
144	KICKER7	PX	-0.00698	-0.00698	0	0
145	KICKER6	PX	-0.00698	-0.00698	0	0
146	KICKER5	PX	-0.00698	-0.00698	0	0
147	KICKER4	PX	-0.00698	-0.00698	0	0
148	KICKER3	PX	-0.00698	-0.00698	0	0
149	KICKER2	PX	-0.00698	-0.00698	0	0
150	KICKER1	PX	-0.00698	-0.00698	0	0
151	FP12	PX	-0.00755	-0.00755	0	0
152	FP11	PX	-0.00755	-0.00755	0	0
153	FP10	PX	-0.00755	-0.00755	0	0
154	FP9	PX	-0.00755	-0.00755	0	0
155	FP8	PX	-0.00755	-0.00755	0	0
156	FP7	PX	-0.00755	-0.00755	0	0
157	FP6	PX	-0.00755	-0.00755	0	0
158	FP5	PX	-0.00755	-0.00755	0	0
159	FP4	PX	-0.00755	-0.00755	0	0
160	FP3	PX	-0.00755	-0.00755	0	0
161	FP2	PX	-0.00755	-0.00755	0	0
162	FP1	PX	-0.00755	-0.00755	0	0
163	FACE3B	PX	-0.001	-0.001	0	0
164	FACE3A	PX	-0.001	-0.001	0	0
165	FACE2B	PX	-0.001	-0.001	0	0
166	FACE2A	PX	-0.001	-0.001	0	0
167	FACE1B	PX	-0.00698	-0.00698	0	0
168	FACE1A	PX	-0.00698	-0.00698	0	0
169	DIAG6	PX	-0.00499	-0.00499	0	0
170	DIAG5	PX	-0.00499	-0.00499	0	0
171	DIAG4	PX	-0.00499	-0.00499	0	0
172	DIAG3	PX	-0.00499	-0.00499	0	0
173	DIAG2	PX	-0.00499	-0.00499	0	0
174	DIAG1	PX	-0.00499	-0.00499	0	0
175	BP36	PX	-0.001	-0.001	0	0
176	BP35	PX	-0.001	-0.001	0	0
177	BP34	PX	-0.001	-0.001	0	0
178	BP33	PX	-0.001	-0.001	0	0
179	BP32	PX	-0.001	-0.001	0	0
180	BP31	PX	-0.001	-0.001	0	0
181	BP30	PX	-0.001	-0.001	0	0
182	BP29	PX	-0.001	-0.001	0	0
183	BP28	PX	-0.001	-0.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
184	BP27	PX	-0.001	-0.001	0	0
185	BP26	PX	-0.001	-0.001	0	0
186	BP25	PX	-0.001	-0.001	0	0
187	BP24	PX	-0.001	-0.001	0	0
188	BP23	PX	-0.001	-0.001	0	0
189	BP22	PX	-0.001	-0.001	0	0
190	BP21	PX	-0.001	-0.001	0	0
191	BP20	PX	-0.001	-0.001	0	0
192	BP19	PX	-0.001	-0.001	0	0
193	BP18	PX	-0.001	-0.001	0	0
194	BP17	PX	-0.001	-0.001	0	0
195	BP16	PX	-0.001	-0.001	0	0
196	BP15	PX	-0.001	-0.001	0	0
197	BP14	PX	-0.001	-0.001	0	0
198	BP13	PX	-0.001	-0.001	0	0
199	BP12	PX	-0.001	-0.001	0	0
200	BP11	PX	-0.001	-0.001	0	0
201	BP10	PX	-0.001	-0.001	0	0
202	BP9	PX	-0.001	-0.001	0	0
203	BP8	PX	-0.001	-0.001	0	0
204	BP7	PX	-0.001	-0.001	0	0
205	BP6	PX	-0.001	-0.001	0	0
206	BP5	PX	-0.001	-0.001	0	0
207	BP4	PX	-0.001	-0.001	0	0
208	BP3	PX	-0.001	-0.001	0	0
209	BP2	PX	-0.001	-0.001	0	0
210	BP1	PX	-0.001	-0.001	0	0
211	BACK6	PX	-0.000781	-0.000781	0	0
212	BACK5	PX	-0.000781	-0.000781	0	0
213	BACK4	PX	-0.000781	-0.000781	0	0
214	BACK3	PX	-0.000781	-0.000781	0	0
215	BACK2	PX	-0.000781	-0.000781	0	0
216	BACK1	PX	-0.000781	-0.000781	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	-0.000499	-0.000499	0	0
2	VERT11	PY	-0.000499	-0.000499	0	0
3	VERT10	PY	-0.000499	-0.000499	0	0
4	VERT9	PY	-0.000499	-0.000499	0	0
5	VERT8	PY	-0.000499	-0.000499	0	0
6	VERT7	PY	-0.000499	-0.000499	0	0
7	VERT6	PY	-0.000499	-0.000499	0	0
8	VERT5	PY	-0.000499	-0.000499	0	0
9	VERT4	PY	-0.000499	-0.000499	0	0
10	VERT3	PY	-0.000499	-0.000499	0	0
11	VERT2	PY	-0.000499	-0.000499	0	0
12	VERT1	PY	-0.000499	-0.000499	0	0
13	TIEBACK3	PY	-0.000637	-0.000637	0	0
14	TIEBACK2	PY	-0.000637	-0.000637	0	0
15	TIEBACK1	PY	-0.000637	-0.000637	0	0
16	PIPE3	PY	-0.000958	-0.000958	0	0
17	PIPE2	PY	-0.000958	-0.000958	0	0
18	PIPE1	PY	-0.000958	-0.000958	0	0
19	MP GAMMA5	PY	-0.002	-0.002	0	0
20	MP GAMMA4	PY	-0.002	-0.002	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
21	MP GAMMA3	PY	-0.002	-0.002	0	0
22	MP GAMMA2	PY	-0.002	-0.002	0	0
23	MP BETA5	PY	-0.002	-0.002	0	0
24	MP BETA4	PY	-0.002	-0.002	0	0
25	MP BETA3	PY	-0.002	-0.002	0	0
26	MP BETA2	PY	-0.002	-0.002	0	0
27	MP ALPHA5	PY	-0.002	-0.002	0	0
28	MP ALPHA4	PY	-0.002	-0.002	0	0
29	MP ALPHA3	PY	-0.002	-0.002	0	0
30	MP ALPHA2	PY	-0.002	-0.002	0	0
31	KICKER12	PY	-0.00698	-0.00698	0	0
32	KICKER11	PY	-0.00698	-0.00698	0	0
33	KICKER10	PY	-0.00698	-0.00698	0	0
34	KICKER9	PY	-0.00698	-0.00698	0	0
35	KICKER8	PY	-0.00698	-0.00698	0	0
36	KICKER7	PY	-0.00698	-0.00698	0	0
37	KICKER6	PY	-0.00698	-0.00698	0	0
38	KICKER5	PY	-0.00698	-0.00698	0	0
39	KICKER4	PY	-0.00698	-0.00698	0	0
40	KICKER3	PY	-0.00698	-0.00698	0	0
41	KICKER2	PY	-0.00698	-0.00698	0	0
42	KICKER1	PY	-0.00698	-0.00698	0	0
43	FP12	PY	-0.00755	-0.00755	0	0
44	FP11	PY	-0.00755	-0.00755	0	0
45	FP10	PY	-0.00755	-0.00755	0	0
46	FP9	PY	-0.00755	-0.00755	0	0
47	FP8	PY	-0.00755	-0.00755	0	0
48	FP7	PY	-0.00755	-0.00755	0	0
49	FP6	PY	-0.00755	-0.00755	0	0
50	FP5	PY	-0.00755	-0.00755	0	0
51	FP4	PY	-0.00755	-0.00755	0	0
52	FP3	PY	-0.00755	-0.00755	0	0
53	FP2	PY	-0.00755	-0.00755	0	0
54	FP1	PY	-0.00755	-0.00755	0	0
55	FACE3B	PY	-0.001	-0.001	0	0
56	FACE3A	PY	-0.001	-0.001	0	0
57	FACE2B	PY	-0.001	-0.001	0	0
58	FACE2A	PY	-0.001	-0.001	0	0
59	FACE1B	PY	-0.00698	-0.00698	0	0
60	FACE1A	PY	-0.00698	-0.00698	0	0
61	DIAG6	PY	-0.00499	-0.00499	0	0
62	DIAG5	PY	-0.00499	-0.00499	0	0
63	DIAG4	PY	-0.00499	-0.00499	0	0
64	DIAG3	PY	-0.00499	-0.00499	0	0
65	DIAG2	PY	-0.00499	-0.00499	0	0
66	DIAG1	PY	-0.00499	-0.00499	0	0
67	BP36	PY	-0.001	-0.001	0	0
68	BP35	PY	-0.001	-0.001	0	0
69	BP34	PY	-0.001	-0.001	0	0
70	BP33	PY	-0.001	-0.001	0	0
71	BP32	PY	-0.001	-0.001	0	0
72	BP31	PY	-0.001	-0.001	0	0
73	BP30	PY	-0.001	-0.001	0	0
74	BP29	PY	-0.001	-0.001	0	0
75	BP28	PY	-0.001	-0.001	0	0
76	BP27	PY	-0.001	-0.001	0	0
77	BP26	PY	-0.001	-0.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
78	BP25	PY	-0.001	-0.001	0	0
79	BP24	PY	-0.001	-0.001	0	0
80	BP23	PY	-0.001	-0.001	0	0
81	BP22	PY	-0.001	-0.001	0	0
82	BP21	PY	-0.001	-0.001	0	0
83	BP20	PY	-0.001	-0.001	0	0
84	BP19	PY	-0.001	-0.001	0	0
85	BP18	PY	-0.001	-0.001	0	0
86	BP17	PY	-0.001	-0.001	0	0
87	BP16	PY	-0.001	-0.001	0	0
88	BP15	PY	-0.001	-0.001	0	0
89	BP14	PY	-0.001	-0.001	0	0
90	BP13	PY	-0.001	-0.001	0	0
91	BP12	PY	-0.001	-0.001	0	0
92	BP11	PY	-0.001	-0.001	0	0
93	BP10	PY	-0.001	-0.001	0	0
94	BP9	PY	-0.001	-0.001	0	0
95	BP8	PY	-0.001	-0.001	0	0
96	BP7	PY	-0.001	-0.001	0	0
97	BP6	PY	-0.001	-0.001	0	0
98	BP5	PY	-0.001	-0.001	0	0
99	BP4	PY	-0.001	-0.001	0	0
100	BP3	PY	-0.001	-0.001	0	0
101	BP2	PY	-0.001	-0.001	0	0
102	BP1	PY	-0.001	-0.001	0	0
103	BACK6	PY	-0.000781	-0.000781	0	0
104	BACK5	PY	-0.000781	-0.000781	0	0
105	BACK4	PY	-0.000781	-0.000781	0	0
106	BACK3	PY	-0.000781	-0.000781	0	0
107	BACK2	PY	-0.000781	-0.000781	0	0
108	BACK1	PY	-0.000781	-0.000781	0	0
109	VERT12	PX	-0.000864	-0.000864	0	0
110	VERT11	PX	-0.000864	-0.000864	0	0
111	VERT10	PX	-0.000864	-0.000864	0	0
112	VERT9	PX	-0.000864	-0.000864	0	0
113	VERT8	PX	-0.000864	-0.000864	0	0
114	VERT7	PX	-0.000864	-0.000864	0	0
115	VERT6	PX	-0.000864	-0.000864	0	0
116	VERT5	PX	-0.000864	-0.000864	0	0
117	VERT4	PX	-0.000864	-0.000864	0	0
118	VERT3	PX	-0.000864	-0.000864	0	0
119	VERT2	PX	-0.000864	-0.000864	0	0
120	VERT1	PX	-0.000864	-0.000864	0	0
121	TIEBACK3	PX	-0.001	-0.001	0	0
122	TIEBACK2	PX	-0.001	-0.001	0	0
123	TIEBACK1	PX	-0.001	-0.001	0	0
124	PIPE3	PX	-0.002	-0.002	0	0
125	PIPE2	PX	-0.002	-0.002	0	0
126	PIPE1	PX	-0.002	-0.002	0	0
127	MP GAMMA5	PX	-0.003	-0.003	0	0
128	MP GAMMA4	PX	-0.003	-0.003	0	0
129	MP GAMMA3	PX	-0.003	-0.003	0	0
130	MP GAMMA2	PX	-0.003	-0.003	0	0
131	MP BETA5	PX	-0.003	-0.003	0	0
132	MP BETA4	PX	-0.003	-0.003	0	0
133	MP BETA3	PX	-0.003	-0.003	0	0
134	MP BETA2	PX	-0.003	-0.003	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
135	MP ALPHA5	PX	-0.003	-0.003	0	0
136	MP ALPHA4	PX	-0.003	-0.003	0	0
137	MP ALPHA3	PX	-0.003	-0.003	0	0
138	MP ALPHA2	PX	-0.003	-0.003	0	0
139	KICKER12	PX	-0.001	-0.001	0	0
140	KICKER11	PX	-0.001	-0.001	0	0
141	KICKER10	PX	-0.001	-0.001	0	0
142	KICKER9	PX	-0.001	-0.001	0	0
143	KICKER8	PX	-0.001	-0.001	0	0
144	KICKER7	PX	-0.001	-0.001	0	0
145	KICKER6	PX	-0.001	-0.001	0	0
146	KICKER5	PX	-0.001	-0.001	0	0
147	KICKER4	PX	-0.001	-0.001	0	0
148	KICKER3	PX	-0.001	-0.001	0	0
149	KICKER2	PX	-0.001	-0.001	0	0
150	KICKER1	PX	-0.001	-0.001	0	0
151	FP12	PX	-0.001	-0.001	0	0
152	FP11	PX	-0.001	-0.001	0	0
153	FP10	PX	-0.001	-0.001	0	0
154	FP9	PX	-0.001	-0.001	0	0
155	FP8	PX	-0.001	-0.001	0	0
156	FP7	PX	-0.001	-0.001	0	0
157	FP6	PX	-0.001	-0.001	0	0
158	FP5	PX	-0.001	-0.001	0	0
159	FP4	PX	-0.001	-0.001	0	0
160	FP3	PX	-0.001	-0.001	0	0
161	FP2	PX	-0.001	-0.001	0	0
162	FP1	PX	-0.001	-0.001	0	0
163	FACE3B	PX	-0.002	-0.002	0	0
164	FACE3A	PX	-0.002	-0.002	0	0
165	FACE2B	PX	-0.002	-0.002	0	0
166	FACE2A	PX	-0.002	-0.002	0	0
167	FACE1B	PX	-0.001	-0.001	0	0
168	FACE1A	PX	-0.001	-0.001	0	0
169	DIAG6	PX	-0.000864	-0.000864	0	0
170	DIAG5	PX	-0.000864	-0.000864	0	0
171	DIAG4	PX	-0.000864	-0.000864	0	0
172	DIAG3	PX	-0.000864	-0.000864	0	0
173	DIAG2	PX	-0.000864	-0.000864	0	0
174	DIAG1	PX	-0.000864	-0.000864	0	0
175	BP36	PX	-0.003	-0.003	0	0
176	BP35	PX	-0.003	-0.003	0	0
177	BP34	PX	-0.003	-0.003	0	0
178	BP33	PX	-0.003	-0.003	0	0
179	BP32	PX	-0.003	-0.003	0	0
180	BP31	PX	-0.003	-0.003	0	0
181	BP30	PX	-0.003	-0.003	0	0
182	BP29	PX	-0.003	-0.003	0	0
183	BP28	PX	-0.003	-0.003	0	0
184	BP27	PX	-0.003	-0.003	0	0
185	BP26	PX	-0.003	-0.003	0	0
186	BP25	PX	-0.003	-0.003	0	0
187	BP24	PX	-0.003	-0.003	0	0
188	BP23	PX	-0.003	-0.003	0	0
189	BP22	PX	-0.003	-0.003	0	0
190	BP21	PX	-0.003	-0.003	0	0
191	BP20	PX	-0.003	-0.003	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
192	BP19	PX	-0.003	-0.003	0	0
193	BP18	PX	-0.003	-0.003	0	0
194	BP17	PX	-0.003	-0.003	0	0
195	BP16	PX	-0.003	-0.003	0	0
196	BP15	PX	-0.003	-0.003	0	0
197	BP14	PX	-0.003	-0.003	0	0
198	BP13	PX	-0.003	-0.003	0	0
199	BP12	PX	-0.003	-0.003	0	0
200	BP11	PX	-0.003	-0.003	0	0
201	BP10	PX	-0.003	-0.003	0	0
202	BP9	PX	-0.003	-0.003	0	0
203	BP8	PX	-0.003	-0.003	0	0
204	BP7	PX	-0.003	-0.003	0	0
205	BP6	PX	-0.003	-0.003	0	0
206	BP5	PX	-0.003	-0.003	0	0
207	BP4	PX	-0.003	-0.003	0	0
208	BP3	PX	-0.003	-0.003	0	0
209	BP2	PX	-0.003	-0.003	0	0
210	BP1	PX	-0.003	-0.003	0	0
211	BACK6	PX	-0.001	-0.001	0	0
212	BACK5	PX	-0.001	-0.001	0	0
213	BACK4	PX	-0.001	-0.001	0	0
214	BACK3	PX	-0.001	-0.001	0	0
215	BACK2	PX	-0.001	-0.001	0	0
216	BACK1	PX	-0.001	-0.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PX	-0.000998	-0.000998	0	0
2	VERT11	PX	-0.000998	-0.000998	0	0
3	VERT10	PX	-0.000998	-0.000998	0	0
4	VERT9	PX	-0.000998	-0.000998	0	0
5	VERT8	PX	-0.000998	-0.000998	0	0
6	VERT7	PX	-0.000998	-0.000998	0	0
7	VERT6	PX	-0.000998	-0.000998	0	0
8	VERT5	PX	-0.000998	-0.000998	0	0
9	VERT4	PX	-0.000998	-0.000998	0	0
10	VERT3	PX	-0.000998	-0.000998	0	0
11	VERT2	PX	-0.000998	-0.000998	0	0
12	VERT1	PX	-0.000998	-0.000998	0	0
13	TIEBACK3	PX	-0.001	-0.001	0	0
14	TIEBACK2	PX	-0.001	-0.001	0	0
15	TIEBACK1	PX	-0.001	-0.001	0	0
16	PIPE3	PX	-0.002	-0.002	0	0
17	PIPE2	PX	-0.002	-0.002	0	0
18	PIPE1	PX	-0.002	-0.002	0	0
19	MP GAMMA5	PX	-0.004	-0.004	0	0
20	MP GAMMA4	PX	-0.004	-0.004	0	0
21	MP GAMMA3	PX	-0.004	-0.004	0	0
22	MP GAMMA2	PX	-0.004	-0.004	0	0
23	MP BETA5	PX	-0.004	-0.004	0	0
24	MP BETA4	PX	-0.004	-0.004	0	0
25	MP BETA3	PX	-0.004	-0.004	0	0
26	MP BETA2	PX	-0.004	-0.004	0	0
27	MP ALPHA5	PX	-0.004	-0.004	0	0
28	MP ALPHA4	PX	-0.004	-0.004	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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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,F...	Start Location[ft, %]	End Location[ft, %]	
29	MP ALPHA3	PX	-0.004	-0.004	0	0
30	MP ALPHA2	PX	-0.004	-0.004	0	0
31	KICKER12	PX	-0.001	-0.001	0	0
32	KICKER11	PX	-0.001	-0.001	0	0
33	KICKER10	PX	-0.001	-0.001	0	0
34	KICKER9	PX	-0.001	-0.001	0	0
35	KICKER8	PX	-0.001	-0.001	0	0
36	KICKER7	PX	-0.001	-0.001	0	0
37	KICKER6	PX	-0.001	-0.001	0	0
38	KICKER5	PX	-0.001	-0.001	0	0
39	KICKER4	PX	-0.001	-0.001	0	0
40	KICKER3	PX	-0.001	-0.001	0	0
41	KICKER2	PX	-0.001	-0.001	0	0
42	KICKER1	PX	-0.001	-0.001	0	0
43	FP12	PX	-0.002	-0.002	0	0
44	FP11	PX	-0.002	-0.002	0	0
45	FP10	PX	-0.002	-0.002	0	0
46	FP9	PX	-0.002	-0.002	0	0
47	FP8	PX	-0.002	-0.002	0	0
48	FP7	PX	-0.002	-0.002	0	0
49	FP6	PX	-0.002	-0.002	0	0
50	FP5	PX	-0.002	-0.002	0	0
51	FP4	PX	-0.002	-0.002	0	0
52	FP3	PX	-0.002	-0.002	0	0
53	FP2	PX	-0.002	-0.002	0	0
54	FP1	PX	-0.002	-0.002	0	0
55	FACE3B	PX	-0.003	-0.003	0	0
56	FACE3A	PX	-0.003	-0.003	0	0
57	FACE1B	PX	-0.003	-0.003	0	0
58	FACE1A	PX	-0.003	-0.003	0	0
59	FACE2B	PX	-0.001	-0.001	0	0
60	FACE2A	PX	-0.001	-0.001	0	0
61	DIAG6	PX	-0.000998	-0.000998	0	0
62	DIAG5	PX	-0.000998	-0.000998	0	0
63	DIAG4	PX	-0.000998	-0.000998	0	0
64	DIAG3	PX	-0.000998	-0.000998	0	0
65	DIAG2	PX	-0.000998	-0.000998	0	0
66	DIAG1	PX	-0.000998	-0.000998	0	0
67	BP36	PX	-0.003	-0.003	0	0
68	BP35	PX	-0.003	-0.003	0	0
69	BP34	PX	-0.003	-0.003	0	0
70	BP33	PX	-0.003	-0.003	0	0
71	BP32	PX	-0.003	-0.003	0	0
72	BP31	PX	-0.003	-0.003	0	0
73	BP30	PX	-0.003	-0.003	0	0
74	BP29	PX	-0.003	-0.003	0	0
75	BP28	PX	-0.003	-0.003	0	0
76	BP27	PX	-0.003	-0.003	0	0
77	BP26	PX	-0.003	-0.003	0	0
78	BP25	PX	-0.003	-0.003	0	0
79	BP24	PX	-0.003	-0.003	0	0
80	BP23	PX	-0.003	-0.003	0	0
81	BP22	PX	-0.003	-0.003	0	0
82	BP21	PX	-0.003	-0.003	0	0
83	BP20	PX	-0.003	-0.003	0	0
84	BP19	PX	-0.003	-0.003	0	0
85	BP18	PX	-0.003	-0.003	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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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.F...	Start Location[ft.%,]	End Location[ft.%,]
86	BP17	PX	-.003	-.003	0	0
87	BP16	PX	-.003	-.003	0	0
88	BP15	PX	-.003	-.003	0	0
89	BP14	PX	-.003	-.003	0	0
90	BP13	PX	-.003	-.003	0	0
91	BP12	PX	-.003	-.003	0	0
92	BP11	PX	-.003	-.003	0	0
93	BP10	PX	-.003	-.003	0	0
94	BP9	PX	-.003	-.003	0	0
95	BP8	PX	-.003	-.003	0	0
96	BP7	PX	-.003	-.003	0	0
97	BP6	PX	-.003	-.003	0	0
98	BP5	PX	-.003	-.003	0	0
99	BP4	PX	-.003	-.003	0	0
100	BP3	PX	-.003	-.003	0	0
101	BP2	PX	-.003	-.003	0	0
102	BP1	PX	-.003	-.003	0	0
103	BACK6	PX	-.002	-.002	0	0
104	BACK5	PX	-.002	-.002	0	0
105	BACK4	PX	-.002	-.002	0	0
106	BACK3	PX	-.002	-.002	0	0
107	BACK2	PX	-.002	-.002	0	0
108	BACK1	PX	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	.000499	.000499	0	0
2	VERT11	PY	.000499	.000499	0	0
3	VERT10	PY	.000499	.000499	0	0
4	VERT9	PY	.000499	.000499	0	0
5	VERT8	PY	.000499	.000499	0	0
6	VERT7	PY	.000499	.000499	0	0
7	VERT6	PY	.000499	.000499	0	0
8	VERT5	PY	.000499	.000499	0	0
9	VERT4	PY	.000499	.000499	0	0
10	VERT3	PY	.000499	.000499	0	0
11	VERT2	PY	.000499	.000499	0	0
12	VERT1	PY	.000499	.000499	0	0
13	TIEBACK3	PY	.000637	.000637	0	0
14	TIEBACK2	PY	.000637	.000637	0	0
15	TIEBACK1	PY	.000637	.000637	0	0
16	PIPE3	PY	.000958	.000958	0	0
17	PIPE2	PY	.000958	.000958	0	0
18	PIPE1	PY	.000958	.000958	0	0
19	MP GAMMA5	PY	.002	.002	0	0
20	MP GAMMA4	PY	.002	.002	0	0
21	MP GAMMA3	PY	.002	.002	0	0
22	MP GAMMA2	PY	.002	.002	0	0
23	MP BETA5	PY	.002	.002	0	0
24	MP BETA4	PY	.002	.002	0	0
25	MP BETA3	PY	.002	.002	0	0
26	MP BETA2	PY	.002	.002	0	0
27	MP ALPHA5	PY	.002	.002	0	0
28	MP ALPHA4	PY	.002	.002	0	0
29	MP ALPHA3	PY	.002	.002	0	0
30	MP ALPHA2	PY	.002	.002	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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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,F...	Start Location[ft, %]	End Location[ft, %]	
31	KICKER12	PY	.000698	.000698	0	0
32	KICKER11	PY	.000698	.000698	0	0
33	KICKER10	PY	.000698	.000698	0	0
34	KICKER9	PY	.000698	.000698	0	0
35	KICKER8	PY	.000698	.000698	0	0
36	KICKER7	PY	.000698	.000698	0	0
37	KICKER6	PY	.000698	.000698	0	0
38	KICKER5	PY	.000698	.000698	0	0
39	KICKER4	PY	.000698	.000698	0	0
40	KICKER3	PY	.000698	.000698	0	0
41	KICKER2	PY	.000698	.000698	0	0
42	KICKER1	PY	.000698	.000698	0	0
43	FP12	PY	.000755	.000755	0	0
44	FP11	PY	.000755	.000755	0	0
45	FP10	PY	.000755	.000755	0	0
46	FP9	PY	.000755	.000755	0	0
47	FP8	PY	.000755	.000755	0	0
48	FP7	PY	.000755	.000755	0	0
49	FP6	PY	.000755	.000755	0	0
50	FP5	PY	.000755	.000755	0	0
51	FP4	PY	.000755	.000755	0	0
52	FP3	PY	.000755	.000755	0	0
53	FP2	PY	.000755	.000755	0	0
54	FP1	PY	.000755	.000755	0	0
55	FACE3B	PY	.001	.001	0	0
56	FACE3A	PY	.001	.001	0	0
57	FACE1B	PY	.001	.001	0	0
58	FACE1A	PY	.001	.001	0	0
59	FACE2B	PY	.000698	.000698	0	0
60	FACE2A	PY	.000698	.000698	0	0
61	DIAG6	PY	.000499	.000499	0	0
62	DIAG5	PY	.000499	.000499	0	0
63	DIAG4	PY	.000499	.000499	0	0
64	DIAG3	PY	.000499	.000499	0	0
65	DIAG2	PY	.000499	.000499	0	0
66	DIAG1	PY	.000499	.000499	0	0
67	BP36	PY	.001	.001	0	0
68	BP35	PY	.001	.001	0	0
69	BP34	PY	.001	.001	0	0
70	BP33	PY	.001	.001	0	0
71	BP32	PY	.001	.001	0	0
72	BP31	PY	.001	.001	0	0
73	BP30	PY	.001	.001	0	0
74	BP29	PY	.001	.001	0	0
75	BP28	PY	.001	.001	0	0
76	BP27	PY	.001	.001	0	0
77	BP26	PY	.001	.001	0	0
78	BP25	PY	.001	.001	0	0
79	BP24	PY	.001	.001	0	0
80	BP23	PY	.001	.001	0	0
81	BP22	PY	.001	.001	0	0
82	BP21	PY	.001	.001	0	0
83	BP20	PY	.001	.001	0	0
84	BP19	PY	.001	.001	0	0
85	BP18	PY	.001	.001	0	0
86	BP17	PY	.001	.001	0	0
87	BP16	PY	.001	.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
88	BP15	PY	.001	.001	0	0
89	BP14	PY	.001	.001	0	0
90	BP13	PY	.001	.001	0	0
91	BP12	PY	.001	.001	0	0
92	BP11	PY	.001	.001	0	0
93	BP10	PY	.001	.001	0	0
94	BP9	PY	.001	.001	0	0
95	BP8	PY	.001	.001	0	0
96	BP7	PY	.001	.001	0	0
97	BP6	PY	.001	.001	0	0
98	BP5	PY	.001	.001	0	0
99	BP4	PY	.001	.001	0	0
100	BP3	PY	.001	.001	0	0
101	BP2	PY	.001	.001	0	0
102	BP1	PY	.001	.001	0	0
103	BACK6	PY	.000781	.000781	0	0
104	BACK5	PY	.000781	.000781	0	0
105	BACK4	PY	.000781	.000781	0	0
106	BACK3	PY	.000781	.000781	0	0
107	BACK2	PY	.000781	.000781	0	0
108	BACK1	PY	.000781	.000781	0	0
109	VERT12	PX	-.000864	-.000864	0	0
110	VERT11	PX	-.000864	-.000864	0	0
111	VERT10	PX	-.000864	-.000864	0	0
112	VERT9	PX	-.000864	-.000864	0	0
113	VERT8	PX	-.000864	-.000864	0	0
114	VERT7	PX	-.000864	-.000864	0	0
115	VERT6	PX	-.000864	-.000864	0	0
116	VERT5	PX	-.000864	-.000864	0	0
117	VERT4	PX	-.000864	-.000864	0	0
118	VERT3	PX	-.000864	-.000864	0	0
119	VERT2	PX	-.000864	-.000864	0	0
120	VERT1	PX	-.000864	-.000864	0	0
121	TIEBACK3	PX	-.001	-.001	0	0
122	TIEBACK2	PX	-.001	-.001	0	0
123	TIEBACK1	PX	-.001	-.001	0	0
124	PIPE3	PX	-.002	-.002	0	0
125	PIPE2	PX	-.002	-.002	0	0
126	PIPE1	PX	-.002	-.002	0	0
127	MP GAMMA5	PX	-.003	-.003	0	0
128	MP GAMMA4	PX	-.003	-.003	0	0
129	MP GAMMA3	PX	-.003	-.003	0	0
130	MP GAMMA2	PX	-.003	-.003	0	0
131	MP BETA5	PX	-.003	-.003	0	0
132	MP BETA4	PX	-.003	-.003	0	0
133	MP BETA3	PX	-.003	-.003	0	0
134	MP BETA2	PX	-.003	-.003	0	0
135	MP ALPHA5	PX	-.003	-.003	0	0
136	MP ALPHA4	PX	-.003	-.003	0	0
137	MP ALPHA3	PX	-.003	-.003	0	0
138	MP ALPHA2	PX	-.003	-.003	0	0
139	KICKER12	PX	-.001	-.001	0	0
140	KICKER11	PX	-.001	-.001	0	0
141	KICKER10	PX	-.001	-.001	0	0
142	KICKER9	PX	-.001	-.001	0	0
143	KICKER8	PX	-.001	-.001	0	0
144	KICKER7	PX	-.001	-.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.-%]	End Location[ft.-%]	
145	KICKER6	PX	-0.001	-0.001	0	0
146	KICKER5	PX	-0.001	-0.001	0	0
147	KICKER4	PX	-0.001	-0.001	0	0
148	KICKER3	PX	-0.001	-0.001	0	0
149	KICKER2	PX	-0.001	-0.001	0	0
150	KICKER1	PX	-0.001	-0.001	0	0
151	FP12	PX	-0.001	-0.001	0	0
152	FP11	PX	-0.001	-0.001	0	0
153	FP10	PX	-0.001	-0.001	0	0
154	FP9	PX	-0.001	-0.001	0	0
155	FP8	PX	-0.001	-0.001	0	0
156	FP7	PX	-0.001	-0.001	0	0
157	FP6	PX	-0.001	-0.001	0	0
158	FP5	PX	-0.001	-0.001	0	0
159	FP4	PX	-0.001	-0.001	0	0
160	FP3	PX	-0.001	-0.001	0	0
161	FP2	PX	-0.001	-0.001	0	0
162	FP1	PX	-0.001	-0.001	0	0
163	FACE3B	PX	-0.002	-0.002	0	0
164	FACE3A	PX	-0.002	-0.002	0	0
165	FACE1B	PX	-0.002	-0.002	0	0
166	FACE1A	PX	-0.002	-0.002	0	0
167	FACE2B	PX	-0.001	-0.001	0	0
168	FACE2A	PX	-0.001	-0.001	0	0
169	DIAG6	PX	-0.000864	-0.000864	0	0
170	DIAG5	PX	-0.000864	-0.000864	0	0
171	DIAG4	PX	-0.000864	-0.000864	0	0
172	DIAG3	PX	-0.000864	-0.000864	0	0
173	DIAG2	PX	-0.000864	-0.000864	0	0
174	DIAG1	PX	-0.000864	-0.000864	0	0
175	BP36	PX	-0.003	-0.003	0	0
176	BP35	PX	-0.003	-0.003	0	0
177	BP34	PX	-0.003	-0.003	0	0
178	BP33	PX	-0.003	-0.003	0	0
179	BP32	PX	-0.003	-0.003	0	0
180	BP31	PX	-0.003	-0.003	0	0
181	BP30	PX	-0.003	-0.003	0	0
182	BP29	PX	-0.003	-0.003	0	0
183	BP28	PX	-0.003	-0.003	0	0
184	BP27	PX	-0.003	-0.003	0	0
185	BP26	PX	-0.003	-0.003	0	0
186	BP25	PX	-0.003	-0.003	0	0
187	BP24	PX	-0.003	-0.003	0	0
188	BP23	PX	-0.003	-0.003	0	0
189	BP22	PX	-0.003	-0.003	0	0
190	BP21	PX	-0.003	-0.003	0	0
191	BP20	PX	-0.003	-0.003	0	0
192	BP19	PX	-0.003	-0.003	0	0
193	BP18	PX	-0.003	-0.003	0	0
194	BP17	PX	-0.003	-0.003	0	0
195	BP16	PX	-0.003	-0.003	0	0
196	BP15	PX	-0.003	-0.003	0	0
197	BP14	PX	-0.003	-0.003	0	0
198	BP13	PX	-0.003	-0.003	0	0
199	BP12	PX	-0.003	-0.003	0	0
200	BP11	PX	-0.003	-0.003	0	0
201	BP10	PX	-0.003	-0.003	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
202	BP9	PX	-.003	-.003	0	0
203	BP8	PX	-.003	-.003	0	0
204	BP7	PX	-.003	-.003	0	0
205	BP6	PX	-.003	-.003	0	0
206	BP5	PX	-.003	-.003	0	0
207	BP4	PX	-.003	-.003	0	0
208	BP3	PX	-.003	-.003	0	0
209	BP2	PX	-.003	-.003	0	0
210	BP1	PX	-.003	-.003	0	0
211	BACK6	PX	-.001	-.001	0	0
212	BACK5	PX	-.001	-.001	0	0
213	BACK4	PX	-.001	-.001	0	0
214	BACK3	PX	-.001	-.001	0	0
215	BACK2	PX	-.001	-.001	0	0
216	BACK1	PX	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	.000864	.000864	0	0
2	VERT11	PY	.000864	.000864	0	0
3	VERT10	PY	.000864	.000864	0	0
4	VERT9	PY	.000864	.000864	0	0
5	VERT8	PY	.000864	.000864	0	0
6	VERT7	PY	.000864	.000864	0	0
7	VERT6	PY	.000864	.000864	0	0
8	VERT5	PY	.000864	.000864	0	0
9	VERT4	PY	.000864	.000864	0	0
10	VERT3	PY	.000864	.000864	0	0
11	VERT2	PY	.000864	.000864	0	0
12	VERT1	PY	.000864	.000864	0	0
13	TIEBACK3	PY	.001	.001	0	0
14	TIEBACK2	PY	.001	.001	0	0
15	TIEBACK1	PY	.001	.001	0	0
16	PIPE3	PY	.002	.002	0	0
17	PIPE2	PY	.002	.002	0	0
18	PIPE1	PY	.002	.002	0	0
19	MP GAMMA5	PY	.003	.003	0	0
20	MP GAMMA4	PY	.003	.003	0	0
21	MP GAMMA3	PY	.003	.003	0	0
22	MP GAMMA2	PY	.003	.003	0	0
23	MP BETA5	PY	.003	.003	0	0
24	MP BETA4	PY	.003	.003	0	0
25	MP BETA3	PY	.003	.003	0	0
26	MP BETA2	PY	.003	.003	0	0
27	MP ALPHA5	PY	.003	.003	0	0
28	MP ALPHA4	PY	.003	.003	0	0
29	MP ALPHA3	PY	.003	.003	0	0
30	MP ALPHA2	PY	.003	.003	0	0
31	KICKER12	PY	.001	.001	0	0
32	KICKER11	PY	.001	.001	0	0
33	KICKER10	PY	.001	.001	0	0
34	KICKER9	PY	.001	.001	0	0
35	KICKER8	PY	.001	.001	0	0
36	KICKER7	PY	.001	.001	0	0
37	KICKER6	PY	.001	.001	0	0
38	KICKER5	PY	.001	.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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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,F...	Start Location[ft, %]	End Location[ft, %]	
39	KICKER4	PY	.001	.001	0	0
40	KICKER3	PY	.001	.001	0	0
41	KICKER2	PY	.001	.001	0	0
42	KICKER1	PY	.001	.001	0	0
43	FP12	PY	.001	.001	0	0
44	FP11	PY	.001	.001	0	0
45	FP10	PY	.001	.001	0	0
46	FP9	PY	.001	.001	0	0
47	FP8	PY	.001	.001	0	0
48	FP7	PY	.001	.001	0	0
49	FP6	PY	.001	.001	0	0
50	FP5	PY	.001	.001	0	0
51	FP4	PY	.001	.001	0	0
52	FP3	PY	.001	.001	0	0
53	FP2	PY	.001	.001	0	0
54	FP1	PY	.001	.001	0	0
55	FACE3B	PY	.002	.002	0	0
56	FACE3A	PY	.002	.002	0	0
57	FACE1B	PY	.002	.002	0	0
58	FACE1A	PY	.002	.002	0	0
59	FACE2B	PY	.001	.001	0	0
60	FACE2A	PY	.001	.001	0	0
61	DIAG6	PY	.000864	.000864	0	0
62	DIAG5	PY	.000864	.000864	0	0
63	DIAG4	PY	.000864	.000864	0	0
64	DIAG3	PY	.000864	.000864	0	0
65	DIAG2	PY	.000864	.000864	0	0
66	DIAG1	PY	.000864	.000864	0	0
67	BP36	PY	.003	.003	0	0
68	BP35	PY	.003	.003	0	0
69	BP34	PY	.003	.003	0	0
70	BP33	PY	.003	.003	0	0
71	BP32	PY	.003	.003	0	0
72	BP31	PY	.003	.003	0	0
73	BP30	PY	.003	.003	0	0
74	BP29	PY	.003	.003	0	0
75	BP28	PY	.003	.003	0	0
76	BP27	PY	.003	.003	0	0
77	BP26	PY	.003	.003	0	0
78	BP25	PY	.003	.003	0	0
79	BP24	PY	.003	.003	0	0
80	BP23	PY	.003	.003	0	0
81	BP22	PY	.003	.003	0	0
82	BP21	PY	.003	.003	0	0
83	BP20	PY	.003	.003	0	0
84	BP19	PY	.003	.003	0	0
85	BP18	PY	.003	.003	0	0
86	BP17	PY	.003	.003	0	0
87	BP16	PY	.003	.003	0	0
88	BP15	PY	.003	.003	0	0
89	BP14	PY	.003	.003	0	0
90	BP13	PY	.003	.003	0	0
91	BP12	PY	.003	.003	0	0
92	BP11	PY	.003	.003	0	0
93	BP10	PY	.003	.003	0	0
94	BP9	PY	.003	.003	0	0
95	BP8	PY	.003	.003	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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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.F...	Start Location[ft.%]	End Location[ft.%]	
96	BP7	PY	.003	.003	0	0
97	BP6	PY	.003	.003	0	0
98	BP5	PY	.003	.003	0	0
99	BP4	PY	.003	.003	0	0
100	BP3	PY	.003	.003	0	0
101	BP2	PY	.003	.003	0	0
102	BP1	PY	.003	.003	0	0
103	BACK6	PY	.001	.001	0	0
104	BACK5	PY	.001	.001	0	0
105	BACK4	PY	.001	.001	0	0
106	BACK3	PY	.001	.001	0	0
107	BACK2	PY	.001	.001	0	0
108	BACK1	PY	.001	.001	0	0
109	VERT12	PX	-.000499	-.000499	0	0
110	VERT11	PX	-.000499	-.000499	0	0
111	VERT10	PX	-.000499	-.000499	0	0
112	VERT9	PX	-.000499	-.000499	0	0
113	VERT8	PX	-.000499	-.000499	0	0
114	VERT7	PX	-.000499	-.000499	0	0
115	VERT6	PX	-.000499	-.000499	0	0
116	VERT5	PX	-.000499	-.000499	0	0
117	VERT4	PX	-.000499	-.000499	0	0
118	VERT3	PX	-.000499	-.000499	0	0
119	VERT2	PX	-.000499	-.000499	0	0
120	VERT1	PX	-.000499	-.000499	0	0
121	TIEBACK3	PX	-.000637	-.000637	0	0
122	TIEBACK2	PX	-.000637	-.000637	0	0
123	TIEBACK1	PX	-.000637	-.000637	0	0
124	PIPE3	PX	-.000958	-.000958	0	0
125	PIPE2	PX	-.000958	-.000958	0	0
126	PIPE1	PX	-.000958	-.000958	0	0
127	MP GAMMA5	PX	-.002	-.002	0	0
128	MP GAMMA4	PX	-.002	-.002	0	0
129	MP GAMMA3	PX	-.002	-.002	0	0
130	MP GAMMA2	PX	-.002	-.002	0	0
131	MP BETA5	PX	-.002	-.002	0	0
132	MP BETA4	PX	-.002	-.002	0	0
133	MP BETA3	PX	-.002	-.002	0	0
134	MP BETA2	PX	-.002	-.002	0	0
135	MP ALPHA5	PX	-.002	-.002	0	0
136	MP ALPHA4	PX	-.002	-.002	0	0
137	MP ALPHA3	PX	-.002	-.002	0	0
138	MP ALPHA2	PX	-.002	-.002	0	0
139	KICKER12	PX	-.000698	-.000698	0	0
140	KICKER11	PX	-.000698	-.000698	0	0
141	KICKER10	PX	-.000698	-.000698	0	0
142	KICKER9	PX	-.000698	-.000698	0	0
143	KICKER8	PX	-.000698	-.000698	0	0
144	KICKER7	PX	-.000698	-.000698	0	0
145	KICKER6	PX	-.000698	-.000698	0	0
146	KICKER5	PX	-.000698	-.000698	0	0
147	KICKER4	PX	-.000698	-.000698	0	0
148	KICKER3	PX	-.000698	-.000698	0	0
149	KICKER2	PX	-.000698	-.000698	0	0
150	KICKER1	PX	-.000698	-.000698	0	0
151	FP12	PX	-.000755	-.000755	0	0
152	FP11	PX	-.000755	-.000755	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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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,F...	Start Location[ft, %]	End Location[ft, %]	
153	FP10	PX	-0.00755	-0.00755	0	0
154	FP9	PX	-0.00755	-0.00755	0	0
155	FP8	PX	-0.00755	-0.00755	0	0
156	FP7	PX	-0.00755	-0.00755	0	0
157	FP6	PX	-0.00755	-0.00755	0	0
158	FP5	PX	-0.00755	-0.00755	0	0
159	FP4	PX	-0.00755	-0.00755	0	0
160	FP3	PX	-0.00755	-0.00755	0	0
161	FP2	PX	-0.00755	-0.00755	0	0
162	FP1	PX	-0.00755	-0.00755	0	0
163	FACE3B	PX	-0.001	-0.001	0	0
164	FACE3A	PX	-0.001	-0.001	0	0
165	FACE1B	PX	-0.001	-0.001	0	0
166	FACE1A	PX	-0.001	-0.001	0	0
167	FACE2B	PX	-0.00698	-0.00698	0	0
168	FACE2A	PX	-0.00698	-0.00698	0	0
169	DIAG6	PX	-0.00499	-0.00499	0	0
170	DIAG5	PX	-0.00499	-0.00499	0	0
171	DIAG4	PX	-0.00499	-0.00499	0	0
172	DIAG3	PX	-0.00499	-0.00499	0	0
173	DIAG2	PX	-0.00499	-0.00499	0	0
174	DIAG1	PX	-0.00499	-0.00499	0	0
175	BP36	PX	-0.001	-0.001	0	0
176	BP35	PX	-0.001	-0.001	0	0
177	BP34	PX	-0.001	-0.001	0	0
178	BP33	PX	-0.001	-0.001	0	0
179	BP32	PX	-0.001	-0.001	0	0
180	BP31	PX	-0.001	-0.001	0	0
181	BP30	PX	-0.001	-0.001	0	0
182	BP29	PX	-0.001	-0.001	0	0
183	BP28	PX	-0.001	-0.001	0	0
184	BP27	PX	-0.001	-0.001	0	0
185	BP26	PX	-0.001	-0.001	0	0
186	BP25	PX	-0.001	-0.001	0	0
187	BP24	PX	-0.001	-0.001	0	0
188	BP23	PX	-0.001	-0.001	0	0
189	BP22	PX	-0.001	-0.001	0	0
190	BP21	PX	-0.001	-0.001	0	0
191	BP20	PX	-0.001	-0.001	0	0
192	BP19	PX	-0.001	-0.001	0	0
193	BP18	PX	-0.001	-0.001	0	0
194	BP17	PX	-0.001	-0.001	0	0
195	BP16	PX	-0.001	-0.001	0	0
196	BP15	PX	-0.001	-0.001	0	0
197	BP14	PX	-0.001	-0.001	0	0
198	BP13	PX	-0.001	-0.001	0	0
199	BP12	PX	-0.001	-0.001	0	0
200	BP11	PX	-0.001	-0.001	0	0
201	BP10	PX	-0.001	-0.001	0	0
202	BP9	PX	-0.001	-0.001	0	0
203	BP8	PX	-0.001	-0.001	0	0
204	BP7	PX	-0.001	-0.001	0	0
205	BP6	PX	-0.001	-0.001	0	0
206	BP5	PX	-0.001	-0.001	0	0
207	BP4	PX	-0.001	-0.001	0	0
208	BP3	PX	-0.001	-0.001	0	0
209	BP2	PX	-0.001	-0.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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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.F...	Start Location[ft.%,]	End Location[ft.%,]	
210	BP1	PX	-.001	-.001	0	0
211	BACK6	PX	-.000781	-.000781	0	0
212	BACK5	PX	-.000781	-.000781	0	0
213	BACK4	PX	-.000781	-.000781	0	0
214	BACK3	PX	-.000781	-.000781	0	0
215	BACK2	PX	-.000781	-.000781	0	0
216	BACK1	PX	-.000781	-.000781	0	0

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
1	VERT12	PY	.000998	.000998	0	0
2	VERT11	PY	.000998	.000998	0	0
3	VERT10	PY	.000998	.000998	0	0
4	VERT9	PY	.000998	.000998	0	0
5	VERT8	PY	.000998	.000998	0	0
6	VERT7	PY	.000998	.000998	0	0
7	VERT6	PY	.000998	.000998	0	0
8	VERT5	PY	.000998	.000998	0	0
9	VERT4	PY	.000998	.000998	0	0
10	VERT3	PY	.000998	.000998	0	0
11	VERT2	PY	.000998	.000998	0	0
12	VERT1	PY	.000998	.000998	0	0
13	TIEBACK3	PY	.001	.001	0	0
14	TIEBACK2	PY	.001	.001	0	0
15	TIEBACK1	PY	.001	.001	0	0
16	PIPE3	PY	.002	.002	0	0
17	PIPE2	PY	.002	.002	0	0
18	PIPE1	PY	.002	.002	0	0
19	MP GAMMA5	PY	.004	.004	0	0
20	MP GAMMA4	PY	.004	.004	0	0
21	MP GAMMA3	PY	.004	.004	0	0
22	MP GAMMA2	PY	.004	.004	0	0
23	MP BETA5	PY	.004	.004	0	0
24	MP BETA4	PY	.004	.004	0	0
25	MP BETA3	PY	.004	.004	0	0
26	MP BETA2	PY	.004	.004	0	0
27	MP ALPHA5	PY	.004	.004	0	0
28	MP ALPHA4	PY	.004	.004	0	0
29	MP ALPHA3	PY	.004	.004	0	0
30	MP ALPHA2	PY	.004	.004	0	0
31	KICKER12	PY	.001	.001	0	0
32	KICKER11	PY	.001	.001	0	0
33	KICKER10	PY	.001	.001	0	0
34	KICKER9	PY	.001	.001	0	0
35	KICKER8	PY	.001	.001	0	0
36	KICKER7	PY	.001	.001	0	0
37	KICKER6	PY	.001	.001	0	0
38	KICKER5	PY	.001	.001	0	0
39	KICKER4	PY	.001	.001	0	0
40	KICKER3	PY	.001	.001	0	0
41	KICKER2	PY	.001	.001	0	0
42	KICKER1	PY	.001	.001	0	0
43	FP12	PY	.002	.002	0	0
44	FP11	PY	.002	.002	0	0
45	FP10	PY	.002	.002	0	0
46	FP9	PY	.002	.002	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
47	FP8	PY	.002	.002	0	0
48	FP7	PY	.002	.002	0	0
49	FP6	PY	.002	.002	0	0
50	FP5	PY	.002	.002	0	0
51	FP4	PY	.002	.002	0	0
52	FP3	PY	.002	.002	0	0
53	FP2	PY	.002	.002	0	0
54	FP1	PY	.002	.002	0	0
55	FACE3B	PY	.003	.003	0	0
56	FACE3A	PY	.003	.003	0	0
57	FACE1B	PY	.003	.003	0	0
58	FACE1A	PY	.003	.003	0	0
59	FACE2B	PY	.001	.001	0	0
60	FACE2A	PY	.001	.001	0	0
61	DIAG6	PY	.000998	.000998	0	0
62	DIAG5	PY	.000998	.000998	0	0
63	DIAG4	PY	.000998	.000998	0	0
64	DIAG3	PY	.000998	.000998	0	0
65	DIAG2	PY	.000998	.000998	0	0
66	DIAG1	PY	.000998	.000998	0	0
67	BP36	PY	.003	.003	0	0
68	BP35	PY	.003	.003	0	0
69	BP34	PY	.003	.003	0	0
70	BP33	PY	.003	.003	0	0
71	BP32	PY	.003	.003	0	0
72	BP31	PY	.003	.003	0	0
73	BP30	PY	.003	.003	0	0
74	BP29	PY	.003	.003	0	0
75	BP28	PY	.003	.003	0	0
76	BP27	PY	.003	.003	0	0
77	BP26	PY	.003	.003	0	0
78	BP25	PY	.003	.003	0	0
79	BP24	PY	.003	.003	0	0
80	BP23	PY	.003	.003	0	0
81	BP22	PY	.003	.003	0	0
82	BP21	PY	.003	.003	0	0
83	BP20	PY	.003	.003	0	0
84	BP19	PY	.003	.003	0	0
85	BP18	PY	.003	.003	0	0
86	BP17	PY	.003	.003	0	0
87	BP16	PY	.003	.003	0	0
88	BP15	PY	.003	.003	0	0
89	BP14	PY	.003	.003	0	0
90	BP13	PY	.003	.003	0	0
91	BP12	PY	.003	.003	0	0
92	BP11	PY	.003	.003	0	0
93	BP10	PY	.003	.003	0	0
94	BP9	PY	.003	.003	0	0
95	BP8	PY	.003	.003	0	0
96	BP7	PY	.003	.003	0	0
97	BP6	PY	.003	.003	0	0
98	BP5	PY	.003	.003	0	0
99	BP4	PY	.003	.003	0	0
100	BP3	PY	.003	.003	0	0
101	BP2	PY	.003	.003	0	0
102	BP1	PY	.003	.003	0	0
103	BACK6	PY	.002	.002	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
104	BACK5	PY	.002	.002	0	0
105	BACK4	PY	.002	.002	0	0
106	BACK3	PY	.002	.002	0	0
107	BACK2	PY	.002	.002	0	0
108	BACK1	PY	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	.000864	.000864	0	0
2	VERT11	PY	.000864	.000864	0	0
3	VERT10	PY	.000864	.000864	0	0
4	VERT9	PY	.000864	.000864	0	0
5	VERT8	PY	.000864	.000864	0	0
6	VERT7	PY	.000864	.000864	0	0
7	VERT6	PY	.000864	.000864	0	0
8	VERT5	PY	.000864	.000864	0	0
9	VERT4	PY	.000864	.000864	0	0
10	VERT3	PY	.000864	.000864	0	0
11	VERT2	PY	.000864	.000864	0	0
12	VERT1	PY	.000864	.000864	0	0
13	TIEBACK3	PY	.001	.001	0	0
14	TIEBACK2	PY	.001	.001	0	0
15	TIEBACK1	PY	.001	.001	0	0
16	PIPE3	PY	.002	.002	0	0
17	PIPE2	PY	.002	.002	0	0
18	PIPE1	PY	.002	.002	0	0
19	MP GAMMA5	PY	.003	.003	0	0
20	MP GAMMA4	PY	.003	.003	0	0
21	MP GAMMA3	PY	.003	.003	0	0
22	MP GAMMA2	PY	.003	.003	0	0
23	MP BETA5	PY	.003	.003	0	0
24	MP BETA4	PY	.003	.003	0	0
25	MP BETA3	PY	.003	.003	0	0
26	MP BETA2	PY	.003	.003	0	0
27	MP ALPHA5	PY	.003	.003	0	0
28	MP ALPHA4	PY	.003	.003	0	0
29	MP ALPHA3	PY	.003	.003	0	0
30	MP ALPHA2	PY	.003	.003	0	0
31	KICKER12	PY	.001	.001	0	0
32	KICKER11	PY	.001	.001	0	0
33	KICKER10	PY	.001	.001	0	0
34	KICKER9	PY	.001	.001	0	0
35	KICKER8	PY	.001	.001	0	0
36	KICKER7	PY	.001	.001	0	0
37	KICKER6	PY	.001	.001	0	0
38	KICKER5	PY	.001	.001	0	0
39	KICKER4	PY	.001	.001	0	0
40	KICKER3	PY	.001	.001	0	0
41	KICKER2	PY	.001	.001	0	0
42	KICKER1	PY	.001	.001	0	0
43	FP12	PY	.001	.001	0	0
44	FP11	PY	.001	.001	0	0
45	FP10	PY	.001	.001	0	0
46	FP9	PY	.001	.001	0	0
47	FP8	PY	.001	.001	0	0
48	FP7	PY	.001	.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
49	FP6	PY	.001	.001	0	0
50	FP5	PY	.001	.001	0	0
51	FP4	PY	.001	.001	0	0
52	FP3	PY	.001	.001	0	0
53	FP2	PY	.001	.001	0	0
54	FP1	PY	.001	.001	0	0
55	FACE1B	PY	.002	.002	0	0
56	FACE1A	PY	.002	.002	0	0
57	FACE2B	PY	.002	.002	0	0
58	FACE2A	PY	.002	.002	0	0
59	FACE3B	PY	.001	.001	0	0
60	FACE3A	PY	.001	.001	0	0
61	DIAG6	PY	.000864	.000864	0	0
62	DIAG5	PY	.000864	.000864	0	0
63	DIAG4	PY	.000864	.000864	0	0
64	DIAG3	PY	.000864	.000864	0	0
65	DIAG2	PY	.000864	.000864	0	0
66	DIAG1	PY	.000864	.000864	0	0
67	BP36	PY	.003	.003	0	0
68	BP35	PY	.003	.003	0	0
69	BP34	PY	.003	.003	0	0
70	BP33	PY	.003	.003	0	0
71	BP32	PY	.003	.003	0	0
72	BP31	PY	.003	.003	0	0
73	BP30	PY	.003	.003	0	0
74	BP29	PY	.003	.003	0	0
75	BP28	PY	.003	.003	0	0
76	BP27	PY	.003	.003	0	0
77	BP26	PY	.003	.003	0	0
78	BP25	PY	.003	.003	0	0
79	BP24	PY	.003	.003	0	0
80	BP23	PY	.003	.003	0	0
81	BP22	PY	.003	.003	0	0
82	BP21	PY	.003	.003	0	0
83	BP20	PY	.003	.003	0	0
84	BP19	PY	.003	.003	0	0
85	BP18	PY	.003	.003	0	0
86	BP17	PY	.003	.003	0	0
87	BP16	PY	.003	.003	0	0
88	BP15	PY	.003	.003	0	0
89	BP14	PY	.003	.003	0	0
90	BP13	PY	.003	.003	0	0
91	BP12	PY	.003	.003	0	0
92	BP11	PY	.003	.003	0	0
93	BP10	PY	.003	.003	0	0
94	BP9	PY	.003	.003	0	0
95	BP8	PY	.003	.003	0	0
96	BP7	PY	.003	.003	0	0
97	BP6	PY	.003	.003	0	0
98	BP5	PY	.003	.003	0	0
99	BP4	PY	.003	.003	0	0
100	BP3	PY	.003	.003	0	0
101	BP2	PY	.003	.003	0	0
102	BP1	PY	.003	.003	0	0
103	BACK6	PY	.001	.001	0	0
104	BACK5	PY	.001	.001	0	0
105	BACK4	PY	.001	.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
106	BACK3	PY	.001	.001	0	0
107	BACK2	PY	.001	.001	0	0
108	BACK1	PY	.001	.001	0	0
109	VERT12	PX	.000499	.000499	0	0
110	VERT11	PX	.000499	.000499	0	0
111	VERT10	PX	.000499	.000499	0	0
112	VERT9	PX	.000499	.000499	0	0
113	VERT8	PX	.000499	.000499	0	0
114	VERT7	PX	.000499	.000499	0	0
115	VERT6	PX	.000499	.000499	0	0
116	VERT5	PX	.000499	.000499	0	0
117	VERT4	PX	.000499	.000499	0	0
118	VERT3	PX	.000499	.000499	0	0
119	VERT2	PX	.000499	.000499	0	0
120	VERT1	PX	.000499	.000499	0	0
121	TIEBACK3	PX	.000637	.000637	0	0
122	TIEBACK2	PX	.000637	.000637	0	0
123	TIEBACK1	PX	.000637	.000637	0	0
124	PIPE3	PX	.000958	.000958	0	0
125	PIPE2	PX	.000958	.000958	0	0
126	PIPE1	PX	.000958	.000958	0	0
127	MP GAMMA5	PX	.002	.002	0	0
128	MP GAMMA4	PX	.002	.002	0	0
129	MP GAMMA3	PX	.002	.002	0	0
130	MP GAMMA2	PX	.002	.002	0	0
131	MP BETA5	PX	.002	.002	0	0
132	MP BETA4	PX	.002	.002	0	0
133	MP BETA3	PX	.002	.002	0	0
134	MP BETA2	PX	.002	.002	0	0
135	MP ALPHA5	PX	.002	.002	0	0
136	MP ALPHA4	PX	.002	.002	0	0
137	MP ALPHA3	PX	.002	.002	0	0
138	MP ALPHA2	PX	.002	.002	0	0
139	KICKER12	PX	.000698	.000698	0	0
140	KICKER11	PX	.000698	.000698	0	0
141	KICKER10	PX	.000698	.000698	0	0
142	KICKER9	PX	.000698	.000698	0	0
143	KICKER8	PX	.000698	.000698	0	0
144	KICKER7	PX	.000698	.000698	0	0
145	KICKER6	PX	.000698	.000698	0	0
146	KICKER5	PX	.000698	.000698	0	0
147	KICKER4	PX	.000698	.000698	0	0
148	KICKER3	PX	.000698	.000698	0	0
149	KICKER2	PX	.000698	.000698	0	0
150	KICKER1	PX	.000698	.000698	0	0
151	FP12	PX	.000755	.000755	0	0
152	FP11	PX	.000755	.000755	0	0
153	FP10	PX	.000755	.000755	0	0
154	FP9	PX	.000755	.000755	0	0
155	FP8	PX	.000755	.000755	0	0
156	FP7	PX	.000755	.000755	0	0
157	FP6	PX	.000755	.000755	0	0
158	FP5	PX	.000755	.000755	0	0
159	FP4	PX	.000755	.000755	0	0
160	FP3	PX	.000755	.000755	0	0
161	FP2	PX	.000755	.000755	0	0
162	FP1	PX	.000755	.000755	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
163	FACE1B	PX	.001	.001	0	0
164	FACE1A	PX	.001	.001	0	0
165	FACE2B	PX	.001	.001	0	0
166	FACE2A	PX	.001	.001	0	0
167	FACE3B	PX	.000698	.000698	0	0
168	FACE3A	PX	.000698	.000698	0	0
169	DIAG6	PX	.000499	.000499	0	0
170	DIAG5	PX	.000499	.000499	0	0
171	DIAG4	PX	.000499	.000499	0	0
172	DIAG3	PX	.000499	.000499	0	0
173	DIAG2	PX	.000499	.000499	0	0
174	DIAG1	PX	.000499	.000499	0	0
175	BP36	PX	.001	.001	0	0
176	BP35	PX	.001	.001	0	0
177	BP34	PX	.001	.001	0	0
178	BP33	PX	.001	.001	0	0
179	BP32	PX	.001	.001	0	0
180	BP31	PX	.001	.001	0	0
181	BP30	PX	.001	.001	0	0
182	BP29	PX	.001	.001	0	0
183	BP28	PX	.001	.001	0	0
184	BP27	PX	.001	.001	0	0
185	BP26	PX	.001	.001	0	0
186	BP25	PX	.001	.001	0	0
187	BP24	PX	.001	.001	0	0
188	BP23	PX	.001	.001	0	0
189	BP22	PX	.001	.001	0	0
190	BP21	PX	.001	.001	0	0
191	BP20	PX	.001	.001	0	0
192	BP19	PX	.001	.001	0	0
193	BP18	PX	.001	.001	0	0
194	BP17	PX	.001	.001	0	0
195	BP16	PX	.001	.001	0	0
196	BP15	PX	.001	.001	0	0
197	BP14	PX	.001	.001	0	0
198	BP13	PX	.001	.001	0	0
199	BP12	PX	.001	.001	0	0
200	BP11	PX	.001	.001	0	0
201	BP10	PX	.001	.001	0	0
202	BP9	PX	.001	.001	0	0
203	BP8	PX	.001	.001	0	0
204	BP7	PX	.001	.001	0	0
205	BP6	PX	.001	.001	0	0
206	BP5	PX	.001	.001	0	0
207	BP4	PX	.001	.001	0	0
208	BP3	PX	.001	.001	0	0
209	BP2	PX	.001	.001	0	0
210	BP1	PX	.001	.001	0	0
211	BACK6	PX	.000781	.000781	0	0
212	BACK5	PX	.000781	.000781	0	0
213	BACK4	PX	.000781	.000781	0	0
214	BACK3	PX	.000781	.000781	0	0
215	BACK2	PX	.000781	.000781	0	0
216	BACK1	PX	.000781	.000781	0	0

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
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Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	VERT12	PY	.000499	.000499	0	0
2	VERT11	PY	.000499	.000499	0	0
3	VERT10	PY	.000499	.000499	0	0
4	VERT9	PY	.000499	.000499	0	0
5	VERT8	PY	.000499	.000499	0	0
6	VERT7	PY	.000499	.000499	0	0
7	VERT6	PY	.000499	.000499	0	0
8	VERT5	PY	.000499	.000499	0	0
9	VERT4	PY	.000499	.000499	0	0
10	VERT3	PY	.000499	.000499	0	0
11	VERT2	PY	.000499	.000499	0	0
12	VERT1	PY	.000499	.000499	0	0
13	TIEBACK3	PY	.000637	.000637	0	0
14	TIEBACK2	PY	.000637	.000637	0	0
15	TIEBACK1	PY	.000637	.000637	0	0
16	PIPE3	PY	.000958	.000958	0	0
17	PIPE2	PY	.000958	.000958	0	0
18	PIPE1	PY	.000958	.000958	0	0
19	MP GAMMA5	PY	.002	.002	0	0
20	MP GAMMA4	PY	.002	.002	0	0
21	MP GAMMA3	PY	.002	.002	0	0
22	MP GAMMA2	PY	.002	.002	0	0
23	MP BETA5	PY	.002	.002	0	0
24	MP BETA4	PY	.002	.002	0	0
25	MP BETA3	PY	.002	.002	0	0
26	MP BETA2	PY	.002	.002	0	0
27	MP ALPHA5	PY	.002	.002	0	0
28	MP ALPHA4	PY	.002	.002	0	0
29	MP ALPHA3	PY	.002	.002	0	0
30	MP ALPHA2	PY	.002	.002	0	0
31	KICKER12	PY	.000698	.000698	0	0
32	KICKER11	PY	.000698	.000698	0	0
33	KICKER10	PY	.000698	.000698	0	0
34	KICKER9	PY	.000698	.000698	0	0
35	KICKER8	PY	.000698	.000698	0	0
36	KICKER7	PY	.000698	.000698	0	0
37	KICKER6	PY	.000698	.000698	0	0
38	KICKER5	PY	.000698	.000698	0	0
39	KICKER4	PY	.000698	.000698	0	0
40	KICKER3	PY	.000698	.000698	0	0
41	KICKER2	PY	.000698	.000698	0	0
42	KICKER1	PY	.000698	.000698	0	0
43	FP12	PY	.000755	.000755	0	0
44	FP11	PY	.000755	.000755	0	0
45	FP10	PY	.000755	.000755	0	0
46	FP9	PY	.000755	.000755	0	0
47	FP8	PY	.000755	.000755	0	0
48	FP7	PY	.000755	.000755	0	0
49	FP6	PY	.000755	.000755	0	0
50	FP5	PY	.000755	.000755	0	0
51	FP4	PY	.000755	.000755	0	0
52	FP3	PY	.000755	.000755	0	0
53	FP2	PY	.000755	.000755	0	0
54	FP1	PY	.000755	.000755	0	0
55	FACE1B	PY	.001	.001	0	0
56	FACE1A	PY	.001	.001	0	0
57	FACE2B	PY	.001	.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]	
58	FACE2A	PY	.001	.001	0	0
59	FACE3B	PY	.000698	.000698	0	0
60	FACE3A	PY	.000698	.000698	0	0
61	DIAG6	PY	.000499	.000499	0	0
62	DIAG5	PY	.000499	.000499	0	0
63	DIAG4	PY	.000499	.000499	0	0
64	DIAG3	PY	.000499	.000499	0	0
65	DIAG2	PY	.000499	.000499	0	0
66	DIAG1	PY	.000499	.000499	0	0
67	BP36	PY	.001	.001	0	0
68	BP35	PY	.001	.001	0	0
69	BP34	PY	.001	.001	0	0
70	BP33	PY	.001	.001	0	0
71	BP32	PY	.001	.001	0	0
72	BP31	PY	.001	.001	0	0
73	BP30	PY	.001	.001	0	0
74	BP29	PY	.001	.001	0	0
75	BP28	PY	.001	.001	0	0
76	BP27	PY	.001	.001	0	0
77	BP26	PY	.001	.001	0	0
78	BP25	PY	.001	.001	0	0
79	BP24	PY	.001	.001	0	0
80	BP23	PY	.001	.001	0	0
81	BP22	PY	.001	.001	0	0
82	BP21	PY	.001	.001	0	0
83	BP20	PY	.001	.001	0	0
84	BP19	PY	.001	.001	0	0
85	BP18	PY	.001	.001	0	0
86	BP17	PY	.001	.001	0	0
87	BP16	PY	.001	.001	0	0
88	BP15	PY	.001	.001	0	0
89	BP14	PY	.001	.001	0	0
90	BP13	PY	.001	.001	0	0
91	BP12	PY	.001	.001	0	0
92	BP11	PY	.001	.001	0	0
93	BP10	PY	.001	.001	0	0
94	BP9	PY	.001	.001	0	0
95	BP8	PY	.001	.001	0	0
96	BP7	PY	.001	.001	0	0
97	BP6	PY	.001	.001	0	0
98	BP5	PY	.001	.001	0	0
99	BP4	PY	.001	.001	0	0
100	BP3	PY	.001	.001	0	0
101	BP2	PY	.001	.001	0	0
102	BP1	PY	.001	.001	0	0
103	BACK6	PY	.000781	.000781	0	0
104	BACK5	PY	.000781	.000781	0	0
105	BACK4	PY	.000781	.000781	0	0
106	BACK3	PY	.000781	.000781	0	0
107	BACK2	PY	.000781	.000781	0	0
108	BACK1	PY	.000781	.000781	0	0
109	VERT12	PX	.000864	.000864	0	0
110	VERT11	PX	.000864	.000864	0	0
111	VERT10	PX	.000864	.000864	0	0
112	VERT9	PX	.000864	.000864	0	0
113	VERT8	PX	.000864	.000864	0	0
114	VERT7	PX	.000864	.000864	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
115	VERT6	PX	.000864	.000864	0	0
116	VERT5	PX	.000864	.000864	0	0
117	VERT4	PX	.000864	.000864	0	0
118	VERT3	PX	.000864	.000864	0	0
119	VERT2	PX	.000864	.000864	0	0
120	VERT1	PX	.000864	.000864	0	0
121	TIEBACK3	PX	.001	.001	0	0
122	TIEBACK2	PX	.001	.001	0	0
123	TIEBACK1	PX	.001	.001	0	0
124	PIPE3	PX	.002	.002	0	0
125	PIPE2	PX	.002	.002	0	0
126	PIPE1	PX	.002	.002	0	0
127	MP GAMMA5	PX	.003	.003	0	0
128	MP GAMMA4	PX	.003	.003	0	0
129	MP GAMMA3	PX	.003	.003	0	0
130	MP GAMMA2	PX	.003	.003	0	0
131	MP BETA5	PX	.003	.003	0	0
132	MP BETA4	PX	.003	.003	0	0
133	MP BETA3	PX	.003	.003	0	0
134	MP BETA2	PX	.003	.003	0	0
135	MP ALPHA5	PX	.003	.003	0	0
136	MP ALPHA4	PX	.003	.003	0	0
137	MP ALPHA3	PX	.003	.003	0	0
138	MP ALPHA2	PX	.003	.003	0	0
139	KICKER12	PX	.001	.001	0	0
140	KICKER11	PX	.001	.001	0	0
141	KICKER10	PX	.001	.001	0	0
142	KICKER9	PX	.001	.001	0	0
143	KICKER8	PX	.001	.001	0	0
144	KICKER7	PX	.001	.001	0	0
145	KICKER6	PX	.001	.001	0	0
146	KICKER5	PX	.001	.001	0	0
147	KICKER4	PX	.001	.001	0	0
148	KICKER3	PX	.001	.001	0	0
149	KICKER2	PX	.001	.001	0	0
150	KICKER1	PX	.001	.001	0	0
151	FP12	PX	.001	.001	0	0
152	FP11	PX	.001	.001	0	0
153	FP10	PX	.001	.001	0	0
154	FP9	PX	.001	.001	0	0
155	FP8	PX	.001	.001	0	0
156	FP7	PX	.001	.001	0	0
157	FP6	PX	.001	.001	0	0
158	FP5	PX	.001	.001	0	0
159	FP4	PX	.001	.001	0	0
160	FP3	PX	.001	.001	0	0
161	FP2	PX	.001	.001	0	0
162	FP1	PX	.001	.001	0	0
163	FACE1B	PX	.002	.002	0	0
164	FACE1A	PX	.002	.002	0	0
165	FACE2B	PX	.002	.002	0	0
166	FACE2A	PX	.002	.002	0	0
167	FACE3B	PX	.001	.001	0	0
168	FACE3A	PX	.001	.001	0	0
169	DIAG6	PX	.000864	.000864	0	0
170	DIAG5	PX	.000864	.000864	0	0
171	DIAG4	PX	.000864	.000864	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
172	DIAG3	PX	.000864	.000864	0	0
173	DIAG2	PX	.000864	.000864	0	0
174	DIAG1	PX	.000864	.000864	0	0
175	BP36	PX	.003	.003	0	0
176	BP35	PX	.003	.003	0	0
177	BP34	PX	.003	.003	0	0
178	BP33	PX	.003	.003	0	0
179	BP32	PX	.003	.003	0	0
180	BP31	PX	.003	.003	0	0
181	BP30	PX	.003	.003	0	0
182	BP29	PX	.003	.003	0	0
183	BP28	PX	.003	.003	0	0
184	BP27	PX	.003	.003	0	0
185	BP26	PX	.003	.003	0	0
186	BP25	PX	.003	.003	0	0
187	BP24	PX	.003	.003	0	0
188	BP23	PX	.003	.003	0	0
189	BP22	PX	.003	.003	0	0
190	BP21	PX	.003	.003	0	0
191	BP20	PX	.003	.003	0	0
192	BP19	PX	.003	.003	0	0
193	BP18	PX	.003	.003	0	0
194	BP17	PX	.003	.003	0	0
195	BP16	PX	.003	.003	0	0
196	BP15	PX	.003	.003	0	0
197	BP14	PX	.003	.003	0	0
198	BP13	PX	.003	.003	0	0
199	BP12	PX	.003	.003	0	0
200	BP11	PX	.003	.003	0	0
201	BP10	PX	.003	.003	0	0
202	BP9	PX	.003	.003	0	0
203	BP8	PX	.003	.003	0	0
204	BP7	PX	.003	.003	0	0
205	BP6	PX	.003	.003	0	0
206	BP5	PX	.003	.003	0	0
207	BP4	PX	.003	.003	0	0
208	BP3	PX	.003	.003	0	0
209	BP2	PX	.003	.003	0	0
210	BP1	PX	.003	.003	0	0
211	BACK6	PX	.001	.001	0	0
212	BACK5	PX	.001	.001	0	0
213	BACK4	PX	.001	.001	0	0
214	BACK3	PX	.001	.001	0	0
215	BACK2	PX	.001	.001	0	0
216	BACK1	PX	.001	.001	0	0

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

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
1	VERT12	PX	.000998	.000998	0	0
2	VERT11	PX	.000998	.000998	0	0
3	VERT10	PX	.000998	.000998	0	0
4	VERT9	PX	.000998	.000998	0	0
5	VERT8	PX	.000998	.000998	0	0
6	VERT7	PX	.000998	.000998	0	0
7	VERT6	PX	.000998	.000998	0	0
8	VERT5	PX	.000998	.000998	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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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.F...	Start Location[ft.%,]	End Location[ft.%,]
9	VERT4	PX	.000998	.000998	0	0
10	VERT3	PX	.000998	.000998	0	0
11	VERT2	PX	.000998	.000998	0	0
12	VERT1	PX	.000998	.000998	0	0
13	TIEBACK3	PX	.001	.001	0	0
14	TIEBACK2	PX	.001	.001	0	0
15	TIEBACK1	PX	.001	.001	0	0
16	PIPE3	PX	.002	.002	0	0
17	PIPE2	PX	.002	.002	0	0
18	PIPE1	PX	.002	.002	0	0
19	MP GAMMA5	PX	.004	.004	0	0
20	MP GAMMA4	PX	.004	.004	0	0
21	MP GAMMA3	PX	.004	.004	0	0
22	MP GAMMA2	PX	.004	.004	0	0
23	MP BETA5	PX	.004	.004	0	0
24	MP BETA4	PX	.004	.004	0	0
25	MP BETA3	PX	.004	.004	0	0
26	MP BETA2	PX	.004	.004	0	0
27	MP ALPHA5	PX	.004	.004	0	0
28	MP ALPHA4	PX	.004	.004	0	0
29	MP ALPHA3	PX	.004	.004	0	0
30	MP ALPHA2	PX	.004	.004	0	0
31	KICKER12	PX	.001	.001	0	0
32	KICKER11	PX	.001	.001	0	0
33	KICKER10	PX	.001	.001	0	0
34	KICKER9	PX	.001	.001	0	0
35	KICKER8	PX	.001	.001	0	0
36	KICKER7	PX	.001	.001	0	0
37	KICKER6	PX	.001	.001	0	0
38	KICKER5	PX	.001	.001	0	0
39	KICKER4	PX	.001	.001	0	0
40	KICKER3	PX	.001	.001	0	0
41	KICKER2	PX	.001	.001	0	0
42	KICKER1	PX	.001	.001	0	0
43	FP12	PX	.002	.002	0	0
44	FP11	PX	.002	.002	0	0
45	FP10	PX	.002	.002	0	0
46	FP9	PX	.002	.002	0	0
47	FP8	PX	.002	.002	0	0
48	FP7	PX	.002	.002	0	0
49	FP6	PX	.002	.002	0	0
50	FP5	PX	.002	.002	0	0
51	FP4	PX	.002	.002	0	0
52	FP3	PX	.002	.002	0	0
53	FP2	PX	.002	.002	0	0
54	FP1	PX	.002	.002	0	0
55	FACE1B	PX	.003	.003	0	0
56	FACE1A	PX	.003	.003	0	0
57	FACE2B	PX	.003	.003	0	0
58	FACE2A	PX	.003	.003	0	0
59	FACE3B	PX	.001	.001	0	0
60	FACE3A	PX	.001	.001	0	0
61	DIAG6	PX	.000998	.000998	0	0
62	DIAG5	PX	.000998	.000998	0	0
63	DIAG4	PX	.000998	.000998	0	0
64	DIAG3	PX	.000998	.000998	0	0
65	DIAG2	PX	.000998	.000998	0	0



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 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]
66	DIAG1	PX	.000998	.000998	0	0
67	BP36	PX	.003	.003	0	0
68	BP35	PX	.003	.003	0	0
69	BP34	PX	.003	.003	0	0
70	BP33	PX	.003	.003	0	0
71	BP32	PX	.003	.003	0	0
72	BP31	PX	.003	.003	0	0
73	BP30	PX	.003	.003	0	0
74	BP29	PX	.003	.003	0	0
75	BP28	PX	.003	.003	0	0
76	BP27	PX	.003	.003	0	0
77	BP26	PX	.003	.003	0	0
78	BP25	PX	.003	.003	0	0
79	BP24	PX	.003	.003	0	0
80	BP23	PX	.003	.003	0	0
81	BP22	PX	.003	.003	0	0
82	BP21	PX	.003	.003	0	0
83	BP20	PX	.003	.003	0	0
84	BP19	PX	.003	.003	0	0
85	BP18	PX	.003	.003	0	0
86	BP17	PX	.003	.003	0	0
87	BP16	PX	.003	.003	0	0
88	BP15	PX	.003	.003	0	0
89	BP14	PX	.003	.003	0	0
90	BP13	PX	.003	.003	0	0
91	BP12	PX	.003	.003	0	0
92	BP11	PX	.003	.003	0	0
93	BP10	PX	.003	.003	0	0
94	BP9	PX	.003	.003	0	0
95	BP8	PX	.003	.003	0	0
96	BP7	PX	.003	.003	0	0
97	BP6	PX	.003	.003	0	0
98	BP5	PX	.003	.003	0	0
99	BP4	PX	.003	.003	0	0
100	BP3	PX	.003	.003	0	0
101	BP2	PX	.003	.003	0	0
102	BP1	PX	.003	.003	0	0
103	BACK6	PX	.002	.002	0	0
104	BACK5	PX	.002	.002	0	0
105	BACK4	PX	.002	.002	0	0
106	BACK3	PX	.002	.002	0	0
107	BACK2	PX	.002	.002	0	0
108	BACK1	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	VERT12	PY	-.000499	-.000499	0	0
2	VERT11	PY	-.000499	-.000499	0	0
3	VERT10	PY	-.000499	-.000499	0	0
4	VERT9	PY	-.000499	-.000499	0	0
5	VERT8	PY	-.000499	-.000499	0	0
6	VERT7	PY	-.000499	-.000499	0	0
7	VERT6	PY	-.000499	-.000499	0	0
8	VERT5	PY	-.000499	-.000499	0	0
9	VERT4	PY	-.000499	-.000499	0	0
10	VERT3	PY	-.000499	-.000499	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 38 : Ice Wind Load (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
11	VERT2	PY	-0.00499	-0.00499	0	0
12	VERT1	PY	-0.00499	-0.00499	0	0
13	TIEBACK3	PY	-0.00637	-0.00637	0	0
14	TIEBACK2	PY	-0.00637	-0.00637	0	0
15	TIEBACK1	PY	-0.00637	-0.00637	0	0
16	PIPE3	PY	-0.00958	-0.00958	0	0
17	PIPE2	PY	-0.00958	-0.00958	0	0
18	PIPE1	PY	-0.00958	-0.00958	0	0
19	MP GAMMA5	PY	-0.002	-0.002	0	0
20	MP GAMMA4	PY	-0.002	-0.002	0	0
21	MP GAMMA3	PY	-0.002	-0.002	0	0
22	MP GAMMA2	PY	-0.002	-0.002	0	0
23	MP BETA5	PY	-0.002	-0.002	0	0
24	MP BETA4	PY	-0.002	-0.002	0	0
25	MP BETA3	PY	-0.002	-0.002	0	0
26	MP BETA2	PY	-0.002	-0.002	0	0
27	MP ALPHA5	PY	-0.002	-0.002	0	0
28	MP ALPHA4	PY	-0.002	-0.002	0	0
29	MP ALPHA3	PY	-0.002	-0.002	0	0
30	MP ALPHA2	PY	-0.002	-0.002	0	0
31	KICKER12	PY	-0.00698	-0.00698	0	0
32	KICKER11	PY	-0.00698	-0.00698	0	0
33	KICKER10	PY	-0.00698	-0.00698	0	0
34	KICKER9	PY	-0.00698	-0.00698	0	0
35	KICKER8	PY	-0.00698	-0.00698	0	0
36	KICKER7	PY	-0.00698	-0.00698	0	0
37	KICKER6	PY	-0.00698	-0.00698	0	0
38	KICKER5	PY	-0.00698	-0.00698	0	0
39	KICKER4	PY	-0.00698	-0.00698	0	0
40	KICKER3	PY	-0.00698	-0.00698	0	0
41	KICKER2	PY	-0.00698	-0.00698	0	0
42	KICKER1	PY	-0.00698	-0.00698	0	0
43	FP12	PY	-0.00755	-0.00755	0	0
44	FP11	PY	-0.00755	-0.00755	0	0
45	FP10	PY	-0.00755	-0.00755	0	0
46	FP9	PY	-0.00755	-0.00755	0	0
47	FP8	PY	-0.00755	-0.00755	0	0
48	FP7	PY	-0.00755	-0.00755	0	0
49	FP6	PY	-0.00755	-0.00755	0	0
50	FP5	PY	-0.00755	-0.00755	0	0
51	FP4	PY	-0.00755	-0.00755	0	0
52	FP3	PY	-0.00755	-0.00755	0	0
53	FP2	PY	-0.00755	-0.00755	0	0
54	FP1	PY	-0.00755	-0.00755	0	0
55	FACE1B	PY	-0.001	-0.001	0	0
56	FACE1A	PY	-0.001	-0.001	0	0
57	FACE2B	PY	-0.001	-0.001	0	0
58	FACE2A	PY	-0.001	-0.001	0	0
59	FACE3B	PY	-0.00698	-0.00698	0	0
60	FACE3A	PY	-0.00698	-0.00698	0	0
61	DIAG6	PY	-0.00499	-0.00499	0	0
62	DIAG5	PY	-0.00499	-0.00499	0	0
63	DIAG4	PY	-0.00499	-0.00499	0	0
64	DIAG3	PY	-0.00499	-0.00499	0	0
65	DIAG2	PY	-0.00499	-0.00499	0	0
66	DIAG1	PY	-0.00499	-0.00499	0	0
67	BP36	PY	-0.001	-0.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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Member Distributed Loads (BLC 38 : Ice Wind Load (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]	
68	BP35	PY	-0.001	-0.001	0	0
69	BP34	PY	-0.001	-0.001	0	0
70	BP33	PY	-0.001	-0.001	0	0
71	BP32	PY	-0.001	-0.001	0	0
72	BP31	PY	-0.001	-0.001	0	0
73	BP30	PY	-0.001	-0.001	0	0
74	BP29	PY	-0.001	-0.001	0	0
75	BP28	PY	-0.001	-0.001	0	0
76	BP27	PY	-0.001	-0.001	0	0
77	BP26	PY	-0.001	-0.001	0	0
78	BP25	PY	-0.001	-0.001	0	0
79	BP24	PY	-0.001	-0.001	0	0
80	BP23	PY	-0.001	-0.001	0	0
81	BP22	PY	-0.001	-0.001	0	0
82	BP21	PY	-0.001	-0.001	0	0
83	BP20	PY	-0.001	-0.001	0	0
84	BP19	PY	-0.001	-0.001	0	0
85	BP18	PY	-0.001	-0.001	0	0
86	BP17	PY	-0.001	-0.001	0	0
87	BP16	PY	-0.001	-0.001	0	0
88	BP15	PY	-0.001	-0.001	0	0
89	BP14	PY	-0.001	-0.001	0	0
90	BP13	PY	-0.001	-0.001	0	0
91	BP12	PY	-0.001	-0.001	0	0
92	BP11	PY	-0.001	-0.001	0	0
93	BP10	PY	-0.001	-0.001	0	0
94	BP9	PY	-0.001	-0.001	0	0
95	BP8	PY	-0.001	-0.001	0	0
96	BP7	PY	-0.001	-0.001	0	0
97	BP6	PY	-0.001	-0.001	0	0
98	BP5	PY	-0.001	-0.001	0	0
99	BP4	PY	-0.001	-0.001	0	0
100	BP3	PY	-0.001	-0.001	0	0
101	BP2	PY	-0.001	-0.001	0	0
102	BP1	PY	-0.001	-0.001	0	0
103	BACK6	PY	-0.000781	-0.000781	0	0
104	BACK5	PY	-0.000781	-0.000781	0	0
105	BACK4	PY	-0.000781	-0.000781	0	0
106	BACK3	PY	-0.000781	-0.000781	0	0
107	BACK2	PY	-0.000781	-0.000781	0	0
108	BACK1	PY	-0.000781	-0.000781	0	0
109	VERT12	PX	.000864	.000864	0	0
110	VERT11	PX	.000864	.000864	0	0
111	VERT10	PX	.000864	.000864	0	0
112	VERT9	PX	.000864	.000864	0	0
113	VERT8	PX	.000864	.000864	0	0
114	VERT7	PX	.000864	.000864	0	0
115	VERT6	PX	.000864	.000864	0	0
116	VERT5	PX	.000864	.000864	0	0
117	VERT4	PX	.000864	.000864	0	0
118	VERT3	PX	.000864	.000864	0	0
119	VERT2	PX	.000864	.000864	0	0
120	VERT1	PX	.000864	.000864	0	0
121	TIEBACK3	PX	.001	.001	0	0
122	TIEBACK2	PX	.001	.001	0	0
123	TIEBACK1	PX	.001	.001	0	0
124	PIPE3	PX	.002	.002	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft, %]	End Location[ft, %]	
125	PIPE2	PX	.002	.002	0	0
126	PIPE1	PX	.002	.002	0	0
127	MP GAMMA5	PX	.003	.003	0	0
128	MP GAMMA4	PX	.003	.003	0	0
129	MP GAMMA3	PX	.003	.003	0	0
130	MP GAMMA2	PX	.003	.003	0	0
131	MP BETA5	PX	.003	.003	0	0
132	MP BETA4	PX	.003	.003	0	0
133	MP BETA3	PX	.003	.003	0	0
134	MP BETA2	PX	.003	.003	0	0
135	MP ALPHA5	PX	.003	.003	0	0
136	MP ALPHA4	PX	.003	.003	0	0
137	MP ALPHA3	PX	.003	.003	0	0
138	MP ALPHA2	PX	.003	.003	0	0
139	KICKER12	PX	.001	.001	0	0
140	KICKER11	PX	.001	.001	0	0
141	KICKER10	PX	.001	.001	0	0
142	KICKER9	PX	.001	.001	0	0
143	KICKER8	PX	.001	.001	0	0
144	KICKER7	PX	.001	.001	0	0
145	KICKER6	PX	.001	.001	0	0
146	KICKER5	PX	.001	.001	0	0
147	KICKER4	PX	.001	.001	0	0
148	KICKER3	PX	.001	.001	0	0
149	KICKER2	PX	.001	.001	0	0
150	KICKER1	PX	.001	.001	0	0
151	FP12	PX	.001	.001	0	0
152	FP11	PX	.001	.001	0	0
153	FP10	PX	.001	.001	0	0
154	FP9	PX	.001	.001	0	0
155	FP8	PX	.001	.001	0	0
156	FP7	PX	.001	.001	0	0
157	FP6	PX	.001	.001	0	0
158	FP5	PX	.001	.001	0	0
159	FP4	PX	.001	.001	0	0
160	FP3	PX	.001	.001	0	0
161	FP2	PX	.001	.001	0	0
162	FP1	PX	.001	.001	0	0
163	FACE1B	PX	.002	.002	0	0
164	FACE1A	PX	.002	.002	0	0
165	FACE2B	PX	.002	.002	0	0
166	FACE2A	PX	.002	.002	0	0
167	FACE3B	PX	.001	.001	0	0
168	FACE3A	PX	.001	.001	0	0
169	DIAG6	PX	.000864	.000864	0	0
170	DIAG5	PX	.000864	.000864	0	0
171	DIAG4	PX	.000864	.000864	0	0
172	DIAG3	PX	.000864	.000864	0	0
173	DIAG2	PX	.000864	.000864	0	0
174	DIAG1	PX	.000864	.000864	0	0
175	BP36	PX	.003	.003	0	0
176	BP35	PX	.003	.003	0	0
177	BP34	PX	.003	.003	0	0
178	BP33	PX	.003	.003	0	0
179	BP32	PX	.003	.003	0	0
180	BP31	PX	.003	.003	0	0
181	BP30	PX	.003	.003	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
182	BP29	PX	.003	.003	0	0
183	BP28	PX	.003	.003	0	0
184	BP27	PX	.003	.003	0	0
185	BP26	PX	.003	.003	0	0
186	BP25	PX	.003	.003	0	0
187	BP24	PX	.003	.003	0	0
188	BP23	PX	.003	.003	0	0
189	BP22	PX	.003	.003	0	0
190	BP21	PX	.003	.003	0	0
191	BP20	PX	.003	.003	0	0
192	BP19	PX	.003	.003	0	0
193	BP18	PX	.003	.003	0	0
194	BP17	PX	.003	.003	0	0
195	BP16	PX	.003	.003	0	0
196	BP15	PX	.003	.003	0	0
197	BP14	PX	.003	.003	0	0
198	BP13	PX	.003	.003	0	0
199	BP12	PX	.003	.003	0	0
200	BP11	PX	.003	.003	0	0
201	BP10	PX	.003	.003	0	0
202	BP9	PX	.003	.003	0	0
203	BP8	PX	.003	.003	0	0
204	BP7	PX	.003	.003	0	0
205	BP6	PX	.003	.003	0	0
206	BP5	PX	.003	.003	0	0
207	BP4	PX	.003	.003	0	0
208	BP3	PX	.003	.003	0	0
209	BP2	PX	.003	.003	0	0
210	BP1	PX	.003	.003	0	0
211	BACK6	PX	.001	.001	0	0
212	BACK5	PX	.001	.001	0	0
213	BACK4	PX	.001	.001	0	0
214	BACK3	PX	.001	.001	0	0
215	BACK2	PX	.001	.001	0	0
216	BACK1	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	VERT12	PY	-.000864	-.000864	0	0
2	VERT11	PY	-.000864	-.000864	0	0
3	VERT10	PY	-.000864	-.000864	0	0
4	VERT9	PY	-.000864	-.000864	0	0
5	VERT8	PY	-.000864	-.000864	0	0
6	VERT7	PY	-.000864	-.000864	0	0
7	VERT6	PY	-.000864	-.000864	0	0
8	VERT5	PY	-.000864	-.000864	0	0
9	VERT4	PY	-.000864	-.000864	0	0
10	VERT3	PY	-.000864	-.000864	0	0
11	VERT2	PY	-.000864	-.000864	0	0
12	VERT1	PY	-.000864	-.000864	0	0
13	TIEBACK3	PY	-.001	-.001	0	0
14	TIEBACK2	PY	-.001	-.001	0	0
15	TIEBACK1	PY	-.001	-.001	0	0
16	PIPE3	PY	-.002	-.002	0	0
17	PIPE2	PY	-.002	-.002	0	0
18	PIPE1	PY	-.002	-.002	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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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,F...	Start Location[ft, %]	End Location[ft, %]	
19	MP GAMMA5	PY	-0.003	-0.003	0	0
20	MP GAMMA4	PY	-0.003	-0.003	0	0
21	MP GAMMA3	PY	-0.003	-0.003	0	0
22	MP GAMMA2	PY	-0.003	-0.003	0	0
23	MP BETA5	PY	-0.003	-0.003	0	0
24	MP BETA4	PY	-0.003	-0.003	0	0
25	MP BETA3	PY	-0.003	-0.003	0	0
26	MP BETA2	PY	-0.003	-0.003	0	0
27	MP ALPHA5	PY	-0.003	-0.003	0	0
28	MP ALPHA4	PY	-0.003	-0.003	0	0
29	MP ALPHA3	PY	-0.003	-0.003	0	0
30	MP ALPHA2	PY	-0.003	-0.003	0	0
31	KICKER12	PY	-0.001	-0.001	0	0
32	KICKER11	PY	-0.001	-0.001	0	0
33	KICKER10	PY	-0.001	-0.001	0	0
34	KICKER9	PY	-0.001	-0.001	0	0
35	KICKER8	PY	-0.001	-0.001	0	0
36	KICKER7	PY	-0.001	-0.001	0	0
37	KICKER6	PY	-0.001	-0.001	0	0
38	KICKER5	PY	-0.001	-0.001	0	0
39	KICKER4	PY	-0.001	-0.001	0	0
40	KICKER3	PY	-0.001	-0.001	0	0
41	KICKER2	PY	-0.001	-0.001	0	0
42	KICKER1	PY	-0.001	-0.001	0	0
43	FP12	PY	-0.001	-0.001	0	0
44	FP11	PY	-0.001	-0.001	0	0
45	FP10	PY	-0.001	-0.001	0	0
46	FP9	PY	-0.001	-0.001	0	0
47	FP8	PY	-0.001	-0.001	0	0
48	FP7	PY	-0.001	-0.001	0	0
49	FP6	PY	-0.001	-0.001	0	0
50	FP5	PY	-0.001	-0.001	0	0
51	FP4	PY	-0.001	-0.001	0	0
52	FP3	PY	-0.001	-0.001	0	0
53	FP2	PY	-0.001	-0.001	0	0
54	FP1	PY	-0.001	-0.001	0	0
55	FACE3B	PY	-0.002	-0.002	0	0
56	FACE3A	PY	-0.002	-0.002	0	0
57	FACE2B	PY	-0.002	-0.002	0	0
58	FACE2A	PY	-0.002	-0.002	0	0
59	FACE1B	PY	-0.001	-0.001	0	0
60	FACE1A	PY	-0.001	-0.001	0	0
61	DIAG6	PY	-0.000864	-0.000864	0	0
62	DIAG5	PY	-0.000864	-0.000864	0	0
63	DIAG4	PY	-0.000864	-0.000864	0	0
64	DIAG3	PY	-0.000864	-0.000864	0	0
65	DIAG2	PY	-0.000864	-0.000864	0	0
66	DIAG1	PY	-0.000864	-0.000864	0	0
67	BP36	PY	-0.003	-0.003	0	0
68	BP35	PY	-0.003	-0.003	0	0
69	BP34	PY	-0.003	-0.003	0	0
70	BP33	PY	-0.003	-0.003	0	0
71	BP32	PY	-0.003	-0.003	0	0
72	BP31	PY	-0.003	-0.003	0	0
73	BP30	PY	-0.003	-0.003	0	0
74	BP29	PY	-0.003	-0.003	0	0
75	BP28	PY	-0.003	-0.003	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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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.F...	Start Location[ft.%]	End Location[ft.%]	
76	BP27	PY	-0.003	-0.003	0	0
77	BP26	PY	-0.003	-0.003	0	0
78	BP25	PY	-0.003	-0.003	0	0
79	BP24	PY	-0.003	-0.003	0	0
80	BP23	PY	-0.003	-0.003	0	0
81	BP22	PY	-0.003	-0.003	0	0
82	BP21	PY	-0.003	-0.003	0	0
83	BP20	PY	-0.003	-0.003	0	0
84	BP19	PY	-0.003	-0.003	0	0
85	BP18	PY	-0.003	-0.003	0	0
86	BP17	PY	-0.003	-0.003	0	0
87	BP16	PY	-0.003	-0.003	0	0
88	BP15	PY	-0.003	-0.003	0	0
89	BP14	PY	-0.003	-0.003	0	0
90	BP13	PY	-0.003	-0.003	0	0
91	BP12	PY	-0.003	-0.003	0	0
92	BP11	PY	-0.003	-0.003	0	0
93	BP10	PY	-0.003	-0.003	0	0
94	BP9	PY	-0.003	-0.003	0	0
95	BP8	PY	-0.003	-0.003	0	0
96	BP7	PY	-0.003	-0.003	0	0
97	BP6	PY	-0.003	-0.003	0	0
98	BP5	PY	-0.003	-0.003	0	0
99	BP4	PY	-0.003	-0.003	0	0
100	BP3	PY	-0.003	-0.003	0	0
101	BP2	PY	-0.003	-0.003	0	0
102	BP1	PY	-0.003	-0.003	0	0
103	BACK6	PY	-0.001	-0.001	0	0
104	BACK5	PY	-0.001	-0.001	0	0
105	BACK4	PY	-0.001	-0.001	0	0
106	BACK3	PY	-0.001	-0.001	0	0
107	BACK2	PY	-0.001	-0.001	0	0
108	BACK1	PY	-0.001	-0.001	0	0
109	VERT12	PX	.000499	.000499	0	0
110	VERT11	PX	.000499	.000499	0	0
111	VERT10	PX	.000499	.000499	0	0
112	VERT9	PX	.000499	.000499	0	0
113	VERT8	PX	.000499	.000499	0	0
114	VERT7	PX	.000499	.000499	0	0
115	VERT6	PX	.000499	.000499	0	0
116	VERT5	PX	.000499	.000499	0	0
117	VERT4	PX	.000499	.000499	0	0
118	VERT3	PX	.000499	.000499	0	0
119	VERT2	PX	.000499	.000499	0	0
120	VERT1	PX	.000499	.000499	0	0
121	TIEBACK3	PX	.000637	.000637	0	0
122	TIEBACK2	PX	.000637	.000637	0	0
123	TIEBACK1	PX	.000637	.000637	0	0
124	PIPE3	PX	.000958	.000958	0	0
125	PIPE2	PX	.000958	.000958	0	0
126	PIPE1	PX	.000958	.000958	0	0
127	MP GAMMA5	PX	.002	.002	0	0
128	MP GAMMA4	PX	.002	.002	0	0
129	MP GAMMA3	PX	.002	.002	0	0
130	MP GAMMA2	PX	.002	.002	0	0
131	MP BETA5	PX	.002	.002	0	0
132	MP BETA4	PX	.002	.002	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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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,F...	Start Location[ft, %]	End Location[ft, %]
133	MP BETA3	PX	.002	.002	0	0
134	MP BETA2	PX	.002	.002	0	0
135	MP ALPHA5	PX	.002	.002	0	0
136	MP ALPHA4	PX	.002	.002	0	0
137	MP ALPHA3	PX	.002	.002	0	0
138	MP ALPHA2	PX	.002	.002	0	0
139	KICKER12	PX	.000698	.000698	0	0
140	KICKER11	PX	.000698	.000698	0	0
141	KICKER10	PX	.000698	.000698	0	0
142	KICKER9	PX	.000698	.000698	0	0
143	KICKER8	PX	.000698	.000698	0	0
144	KICKER7	PX	.000698	.000698	0	0
145	KICKER6	PX	.000698	.000698	0	0
146	KICKER5	PX	.000698	.000698	0	0
147	KICKER4	PX	.000698	.000698	0	0
148	KICKER3	PX	.000698	.000698	0	0
149	KICKER2	PX	.000698	.000698	0	0
150	KICKER1	PX	.000698	.000698	0	0
151	FP12	PX	.000755	.000755	0	0
152	FP11	PX	.000755	.000755	0	0
153	FP10	PX	.000755	.000755	0	0
154	FP9	PX	.000755	.000755	0	0
155	FP8	PX	.000755	.000755	0	0
156	FP7	PX	.000755	.000755	0	0
157	FP6	PX	.000755	.000755	0	0
158	FP5	PX	.000755	.000755	0	0
159	FP4	PX	.000755	.000755	0	0
160	FP3	PX	.000755	.000755	0	0
161	FP2	PX	.000755	.000755	0	0
162	FP1	PX	.000755	.000755	0	0
163	FACE3B	PX	.001	.001	0	0
164	FACE3A	PX	.001	.001	0	0
165	FACE2B	PX	.001	.001	0	0
166	FACE2A	PX	.001	.001	0	0
167	FACE1B	PX	.000698	.000698	0	0
168	FACE1A	PX	.000698	.000698	0	0
169	DIAG6	PX	.000499	.000499	0	0
170	DIAG5	PX	.000499	.000499	0	0
171	DIAG4	PX	.000499	.000499	0	0
172	DIAG3	PX	.000499	.000499	0	0
173	DIAG2	PX	.000499	.000499	0	0
174	DIAG1	PX	.000499	.000499	0	0
175	BP36	PX	.001	.001	0	0
176	BP35	PX	.001	.001	0	0
177	BP34	PX	.001	.001	0	0
178	BP33	PX	.001	.001	0	0
179	BP32	PX	.001	.001	0	0
180	BP31	PX	.001	.001	0	0
181	BP30	PX	.001	.001	0	0
182	BP29	PX	.001	.001	0	0
183	BP28	PX	.001	.001	0	0
184	BP27	PX	.001	.001	0	0
185	BP26	PX	.001	.001	0	0
186	BP25	PX	.001	.001	0	0
187	BP24	PX	.001	.001	0	0
188	BP23	PX	.001	.001	0	0
189	BP22	PX	.001	.001	0	0



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
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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.F...	Start Location[ft.%]	End Location[ft.%]
190	BP21	PX	.001	.001	0	0
191	BP20	PX	.001	.001	0	0
192	BP19	PX	.001	.001	0	0
193	BP18	PX	.001	.001	0	0
194	BP17	PX	.001	.001	0	0
195	BP16	PX	.001	.001	0	0
196	BP15	PX	.001	.001	0	0
197	BP14	PX	.001	.001	0	0
198	BP13	PX	.001	.001	0	0
199	BP12	PX	.001	.001	0	0
200	BP11	PX	.001	.001	0	0
201	BP10	PX	.001	.001	0	0
202	BP9	PX	.001	.001	0	0
203	BP8	PX	.001	.001	0	0
204	BP7	PX	.001	.001	0	0
205	BP6	PX	.001	.001	0	0
206	BP5	PX	.001	.001	0	0
207	BP4	PX	.001	.001	0	0
208	BP3	PX	.001	.001	0	0
209	BP2	PX	.001	.001	0	0
210	BP1	PX	.001	.001	0	0
211	BACK6	PX	.000781	.000781	0	0
212	BACK5	PX	.000781	.000781	0	0
213	BACK4	PX	.000781	.000781	0	0
214	BACK3	PX	.000781	.000781	0	0
215	BACK2	PX	.000781	.000781	0	0
216	BACK1	PX	.000781	.000781	0	0

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
1	Live Load	DL					3		
2	Wind Load (0)	DL					39	108	
3	Dead Load	DL			-1.1		39		
4	Wind Load (30)	DL					78	216	
5	Wind Load (60)	DL					78	216	
6	Wind Load (90)	DL					39	108	
7	Wind Load (120)	DL					78	216	
8	Wind Load (150)	DL					78	216	
9	Wind Load (180)	DL					39	108	
10	Wind Load (210)	DL					78	216	
11	Wind Load (240)	DL					78	216	
12	Wind Load (270)	DL					39	108	
13	Wind Load (300)	DL					78	216	
14	Wind Load (330)	DL					78	216	
15	Maintenance (0)	DL					39	108	
16	Maintenance (30)	DL					78	216	
17	Maintenance (60)	DL					78	216	
18	Maintenance (90)	DL					39	108	
19	Maintenance (120)	DL					78	216	
20	Maintenance (150)	DL					78	216	
21	Maintenance (180)	DL					39	108	
22	Maintenance (210)	DL					78	216	
23	Maintenance (240)	DL					78	216	
24	Maintenance (270)	DL					39	108	
25	Maintenance (300)	DL					78	216	



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
26	Maintenance (330)	DL					78	216	
27	Ice Dead Load	DL					39	108	
28	Ice Wind Load (0)	DL					39	108	
29	Ice Wind Load (30)	DL					78	216	
30	Ice Wind Load (60)	DL					78	216	
31	Ice Wind Load (90)	DL					39	108	
32	Ice Wind Load (120)	DL					78	216	
33	Ice Wind Load (150)	DL					78	216	
34	Ice Wind Load (180)	DL					39	108	
35	Ice Wind Load (210)	DL					78	216	
36	Ice Wind Load (240)	DL					78	216	
37	Ice Wind Load (270)	DL					39	108	
38	Ice Wind Load (300)	DL					78	216	
39	Ice Wind Load (330)	DL					78	216	
40	Earthquake (x-directi...	DL	- .104				39		
41	Earthquake (y-directio...	DL		- .104			39		
42	Earthquake (z-directi...	DL			- .042		39		

Load Combinations

	Description	So..P...	S...	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..
1	1.4D	Yes	Y	3	1.4														
2	1.2D + 1.0W(0)	Yes	Y	3	1.2	2	1												
3	1.2D + 1.0Di + 1.0Wi...	Yes	Y	3	1.2	27	1	28	1										
4	1.2D + 1.5L + 1.0Wi(0)	Yes	Y	3	1.2	1	1.5	15	1										
5	1.2D + 1.0W(30)	Yes	Y	3	1.2	4	1												
6	1.2D + 1.0Di + 1.0Wi...	Yes	Y	3	1.2	27	1	29	1										
7	1.2D + 1.5L + 1.0Wi(...	Yes	Y	3	1.2	1	1.5	16	1										
8	1.2D + 1.0W(60)	Yes	Y	3	1.2	5	1												
9	1.2D + 1.0Di + 1.0Wi...	Yes	Y	3	1.2	27	1	30	1										
10	1.2D + 1.5L + 1.0Wi(...	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...	Yes	Y	3	1.2	27	1	31	1										
13	1.2D + 1.5L + 1.0Wi(...	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...	Yes	Y	3	1.2	27	1	32	1										
16	1.2D + 1.5L + 1.0Wi(...	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...	Yes	Y	3	1.2	27	1	33	1										
19	1.2D + 1.5L + 1.0Wi(...	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...	Yes	Y	3	1.2	27	1	34	1										
22	1.2D + 1.5L + 1.0Wi(...	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...	Yes	Y	3	1.2	27	1	35	1										
25	1.2D + 1.5L + 1.0Wi(...	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...	Yes	Y	3	1.2	27	1	36	1										
28	1.2D + 1.5L + 1.0Wi(...	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...	Yes	Y	3	1.2	27	1	37	1										
31	1.2D + 1.5L + 1.0Wi(...	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...	Yes	Y	3	1.2	27	1	38	1										
34	1.2D + 1.5L + 1.0Wi(...	Yes	Y	3	1.2	1	1.5	25	1										
35	1.2D + 1.0W(330)	Yes	Y	3	1.2	14	1												



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

Load Combinations (Continued)

	Description	So...	P...	S...	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..
36	1.2D + 1.0Di + 1.0Wi...	Yes	Y		3	1.2	27	1	39	1					
37	1.2D + 1.5L + 1.0Wi...	Yes	Y		3	1.2	1	1.5	26	1					
38	1.2D + 1.0E(x) + 1.0...	Yes	Y		3	1.2	40	1	42	1	1	1			
39	1.2D + 1.0E(y) + 1.0...	Yes	Y		3	1.2	41	1	42	1	1	1			
40	1.2D - 1.0E(x) + 1.0E...	Yes	Y		3	1.2	40	-1	42	1	1	1			
41	1.2D - 1.0E(y) + 1.0E...	Yes	Y		3	1.2	41	-1	42	1	1	1			

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	N87	max	.125	5	-595	5	1.974	21	.605	21	.066	11	.031	5
2		min	-.93	37	-3.791	21	.466	5	-.08	5	-.377	7	-.233	37
3	N88C	max	2.312	29	4.395	2	2.012	3	1.271	2	1.218	35	.578	29
4		min	-2.709	35	-2.227	20	.34	20	-1.142	17	-1.104	29	-.677	35
5	N182	max	3.425	12	1.7	9	1.982	9	.171	31	.572	9	.041	29
6		min	.403	29	.254	28	.451	29	-.263	11	-.059	29	-.233	16
7	N183	max	1.532	11	2.486	5	2.024	27	1.182	5	1.21	29	.491	17
8		min	-4.574	29	-4.179	23	.342	8	-1.617	23	-.7	8	-.679	23
9	N278	max	-.592	17	2.111	36	1.965	33	-.005	17	.092	17	.031	17
10		min	-3.141	33	.198	17	.476	17	-.492	34	-.467	36	-.233	13
11	N279	max	4.554	11	1.357	35	2.004	15	.616	11	1.358	29	.51	5
12		min	-2.565	29	-3.169	17	.354	32	-.923	5	-1.618	11	-.761	11
13	Totals:	max	5.863	11	5.974	2	11.511	30						
14		min	-5.863	29	-6.007	20	4.415	11						

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

Member	Shape	Code	Loc[ft]	LC	Shear	Loc[ft]	Dir	LC	phi*Pnc	phi*Pnt	phi*Mn	phi*Mn	Cb	Eqn	
1	BRACE2	PIPE 2.0	.852	0	11	.223	0	11	17.945	32.13	1.872	1.872	1...	H1-1b	
2	BRACE1	PIPE 2.0	.842	0	11	.219	0	11	17.945	32.13	1.872	1.872	1...	H1-1b	
3	BRACE3	PIPE 2.0	.725	0	35	.202	0	11	17.945	32.13	1.872	1.872	1...	H1-1b	
4	TIEBACK1	PIPE 1.5	.712	6.11	29	.109	0	29	11.678	23.593	1.105	1.105	1...	H1-1a	
5	FACE2A	PIPE 2.0	.674	9.885	11	.200	2.302	5	5.82	45.9	2.674	2.674	1	H1-1a	
6	FACE1B	PIPE 2.0	.651	9.885	35	.211	2.302	29	5.82	45.9	2.674	2.674	1	H1-1a	
7	FACE3A	PIPE 2.0	.651	9.885	23	.199	2.302	17	5.82	45.9	2.674	2.674	1	H1-1a	
8	TIEBACK3	PIPE 1.5	.645	6.11	5	.097	0	5	11.678	23.593	1.105	1.105	1...	H1-1a	
9	BP16	PL4x0.5	.639	.25	29	.431	.25	y	30	79.291	90	.938	7.5	1...	H1-1b
10	TIEBACK2	PIPE 1.5	.635	6.11	17	.095	0	17	11.678	23.593	1.105	1.105	1...	H1-1a	
11	BP11	PL4x0.5	.610	.25	5	.414	.25	y	6	79.291	90	.938	7.5	1...	H1-1b
12	BP14	PL4x0.5	.602	.25	17	.411	.25	y	18	79.291	90	.938	7.5	1...	H1-1b
13	FACE3B	PIPE 2.0	.433	10.6...	11	.151	10.6...	29	5.82	45.9	2.674	2.674	1	H1-1b	
14	BP22	PL4x0.5	.431	.25	12	.405	.25	y	6	79.291	90	.938	7.5	1...	H1-1b
15	MP GAMMA4	PIPE 2.0	.430	3	31	.115	6	8	12.144	32.13	1.872	1.872	2...	H1-1b	
16	MP BETA4	PIPE 2.0	.429	3	19	.118	6	32	12.144	32.13	1.872	1.872	2...	H1-1b	
17	MP ALPHA4	PIPE 2.0	.429	3	7	.117	6	20	12.144	32.13	1.872	1.872	2...	H1-1b	
18	BP5	PL4x0.5	.424	.25	24	.401	.25	y	18	79.291	90	.938	7.5	1...	H1-1b
19	BP32	PL4x0.5	.424	.25	36	.409	.25	y	30	79.291	90	.938	7.5	1...	H1-1b
20	FACE1A	PIPE 2.0	.386	10.6...	23	.139	10.6...	5	5.82	45.9	2.674	2.674	1	H1-1b	
21	FACE2B	PIPE 2.0	.380	10.6...	35	.137	10.6...	17	5.82	45.9	2.674	2.674	1	H1-1b	
22	BACK6	PL 6x0.5	.323	.5	30	.157	.5	y	29	81.442	135	1.406	16.875	1...	H1-1b
23	BACK4	PL 6x0.5	.322	.5	6	.149	.5	y	5	81.442	135	1.406	16.875	1...	H1-1b
24	BACK3	PL 6x0.5	.321	.5	30	.289	.5	y	5	81.442	135	1.406	16.875	1...	H1-1b
25	BACK1	PL 6x0.5	.320	.5	18	.147	.5	y	17	81.442	135	1.406	16.875	1...	H1-1b
26	MP GAMMA2	PIPE 2.0	.318	5.438	29	.249	5.438	29	12.144	32.13	1.872	1.872	3...	H3-6	
27	BP19	PL4x0.5	.317	.25	29	.711	0	y	29	79.318	90	.938	7.5	1...	H1-1b
28	BACK2	PL 6x0.5	.313	.5	6	.289	.5	y	17	81.442	135	1.406	16.875	1...	H1-1b



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
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Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)

Member	Shape	Code	Loc[ft]	LC	Shear	Loc[ft]	Dir	LC	phi*Pnc	phi*Pnt	phi*Mn	phi*Mn	Cb	Eqn
29	BACK5	PL 6x0.5	.312 .5	18	.293	.5	y	29	81.442	135	1.406	16.875	1...	H1-1b
30	BP8	PL4x0.5	.306 .25	5	.690	0	y	5	79.318	90	.938	7.5	1...	H1-1b
31	BP29	PL4x0.5	.303 .25	17	.681	0	y	17	79.318	90	.938	7.5	1...	H1-1b
32	MP ALPHA2	PIPE 2.0	.297 5.531	2	.235	5.438		5	12.144	32.13	1.872	1.872	3...	H1-1b
33	MP BETA2	PIPE 2.0	.297 5.531	14	.233	5.438		17	12.144	32.13	1.872	1.872	3...	H1-1b
34	BP35	PL4x0.5	.293 .25	30	.530	0	y	36	79.318	90	.938	7.5	1...	H1-1b
35	BP17	PL4x0.5	.293 0	29	.282	0	y	29	87.202	90	.938	7.5	1...	H1-1b
36	BP25	PL4x0.5	.292 .25	12	.537	0	y	12	79.318	90	.938	7.5	1...	H1-1b
37	BP2	PL4x0.5	.289 .25	18	.532	0	y	24	79.318	90	.938	7.5	1...	H1-1b
38	BP10	PL4x0.5	.281 0	5	.265	0	y	5	87.202	90	.938	7.5	1...	H1-1b
39	BP27	PL4x0.5	.277 0	17	.262	0	y	17	87.202	90	.938	7.5	1...	H1-1b
40	FP1	PL6x0.375	.255 0	29	.192	0	y	35	95.721	101.25	.791	12.656	1...	H1-1b
41	KICKER11	PIPE 2.0	.253 4.226	30	.085	4.61		30	34.368	45.9	2.674	2.674	1...	H1-1b
42	MP BETA3	PIPE 2.0	.251 5.438	11	.112	5.438		11	12.144	32.13	1.872	1.872	2...	H1-1b
43	KICKER7	PIPE 2.0	.251 4.226	6	.085	4.61		6	34.368	45.9	2.674	2.674	2...	H1-1b
44	TIEBACK4	PIPE 2.0	.250 3.799	11	.096	3.799		37	27.023	32.13	1.872	1.872	1	H1-1b
45	KICKER2	PIPE 2.0	.248 4.226	18	.085	4.61		18	34.368	45.9	2.674	2.674	2...	H1-1b
46	KICKER5	PIPE 2.0	.247 4.226	30	.133	4.61		29	31.896	45.9	2.674	2.674	2...	H1-1b
47	FP12	PL6x0.375	.246 0	5	.209	0	y	11	95.721	101.25	.791	12.656	1...	H1-1b
48	FP8	PL6x0.375	.245 0	17	.192	0	y	23	95.721	101.25	.791	12.656	1...	H1-1b
49	KICKER4	PIPE 2.0	.240 4.226	6	.130	4.61		5	31.896	45.9	2.674	2.674	1...	H1-1b
50	KICKER9	PIPE 2.0	.239 4.226	18	.129	4.61		17	31.896	45.9	2.674	2.674	2...	H1-1b
51	TIEBACK5	PIPE 2.0	.238 0	23	.096	0		13	27.023	32.13	1.872	1.872	1	H1-1b
52	TIEBACK6	PIPE 2.0	.237 0	35	.096	0		25	27.023	32.13	1.872	1.872	1	H1-1b
53	MP GAMMA3	PIPE 2.0	.236 5.438	23	.110	5.438		23	12.144	32.13	1.872	1.872	2...	H1-1b
54	MP ALPHA3	PIPE 2.0	.233 5.438	35	.110	5.438		35	12.144	32.13	1.872	1.872	2...	H1-1b
55	KICKER8	PIPE 2.0	.232 4.226	9	.076	4.61		12	34.368	45.9	2.674	2.674	1	H1-1b
56	KICKER1	PIPE 2.0	.232 4.226	21	.075	4.61		24	34.368	45.9	2.674	2.674	1	H1-1b
57	KICKER12	PIPE 2.0	.230 4.226	33	.075	4.61		36	34.368	45.9	2.674	2.674	1	H1-1b
58	FP3	PL6x0.375	.217 0	21	.156	.25	y	18	95.721	101.25	.791	12.656	2...	H1-1b
59	FP10	PL6x0.375	.217 0	33	.157	.25	y	30	95.721	101.25	.791	12.656	2...	H1-1b
60	FP6	PL6x0.375	.216 0	6	.155	.25	y	6	95.721	101.25	.791	12.656	2...	H1-1b
61	BP13	PL4x0.5	.211 0	11	.200	0	y	11	87.202	90	.938	7.5	1...	H1-1b
62	KICKER3	PIPE 2.0	.210 4.226	33	.077	4.61		2	34.368	45.9	2.674	2.674	1	H1-1b
63	KICKER6	PIPE 2.0	.210 4.226	27	.078	4.61		26	34.368	45.9	2.674	2.674	2...	H1-1b
64	BP23	PL4x0.5	.210 0	12	.176	0	y	6	87.202	90	.938	7.5	1...	H1-1b
65	KICKER10	PIPE 2.0	.209 4.226	9	.075	4.61		17	34.368	45.9	2.674	2.674	1	H1-1b
66	BP12	PL4x0.5	.208 0	35	.191	0	y	35	87.202	90	.938	7.5	1...	H1-1b
67	BP15	PL4x0.5	.207 0	23	.191	0	y	23	87.202	90	.938	7.5	1...	H1-1b
68	BP4	PL4x0.5	.206 0	24	.176	0	y	18	87.202	90	.938	7.5	1...	H1-1b
69	BP33	PL4x0.5	.206 0	36	.178	0	y	30	87.202	90	.938	7.5	1...	H1-1b
70	BP20	PL4x0.5	.203 .167	29	.136	.167	y	23	85.085	90	.938	7.5	3...	H1-1b
71	VERT7	SR 0.75	.197 0	9	.012	0		11	6.343	19.88	.249	.249	1	H1-1b
72	VERT2	SR 0.75	.196 0	21	.011	0		35	6.343	19.88	.249	.249	1	H1-1b
73	VERT11	SR 0.75	.195 0	33	.012	0		11	6.343	19.88	.249	.249	1	H1-1b
74	VERT9	SR 0.75	.194 0	30	.011	0		11	6.343	19.88	.249	.249	1	H1-1b
75	VERT5	SR 0.75	.192 0	6	.010	0		23	6.343	19.88	.249	.249	1	H1-1b
76	BP7	PL4x0.5	.191 .167	5	.136	.167	y	35	85.085	90	.938	7.5	3...	H1-1b
77	VERT4	SR 0.75	.190 0	18	.010	0		35	6.343	19.88	.249	.249	1	H1-1b
78	BP30	PL4x0.5	.188 .167	17	.145	.167	y	11	85.085	90	.938	7.5	3...	H1-1b
79	PIPE3	PIPE 4.0	.183 4.833	11	.197	4.333		17	85.131	93.24	10.631	10.631	3...	H1-1b
80	FP5	PL6x0.375	.182 0	29	.121	0	y	12	95.721	101.25	.791	12.656	2...	H1-1b
81	BP31	PL4x0.5	.182 0	30	.144	0	y	24	87.202	90	.938	7.5	1...	H1-1b
82	BP21	PL4x0.5	.181 0	6	.145	0	y	12	87.202	90	.938	7.5	1...	H1-1b
83	BP6	PL4x0.5	.180 0	18	.146	0	y	12	87.202	90	.938	7.5	1...	H1-1b
84	PIPE1	PIPE 4.0	.179 4.833	35	.200	4.333		5	85.131	93.24	10.631	10.631	3...	H1-1b
85	PIPE2	PIPE 4.0	.178 4.833	23	.208	4.333		29	85.131	93.24	10.631	10.631	3...	H1-1b



Company : POD
 Designer : AM
 Job Number : 22-128129
 Model Name : 876326

May 4, 2022
 1:09 PM
 Checked By: _____

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

Member	Shape	Code	Loc[ft]	LC	Shear	Loc[ft]	Dir	LC	phi*Pnc	phi*Pnt	phi*Mn	phi*Mn	Cb	Eqn	
86	VERT10	SR 0.75	.173	0	30	.019	0	11	6.343	19.88	.249	.249	1	H1-1b*	
87	VERT6	SR 0.75	.172	0	6	.018	0	23	6.343	19.88	.249	.249	1	H1-1b*	
88	VERT3	SR 0.75	.172	0	18	.018	0	35	6.343	19.88	.249	.249	1	H1-1b*	
89	FP4	PL6x0.375	.170	0	5	.122	.25	y	30	95.721	101.25	.791	12.656	2...	H1-1b
90	FP9	PL6x0.375	.168	0	17	.120	.25	y	6	95.721	101.25	.791	12.656	2...	H1-1b
91	VERT8	SR 0.75	.163	0	12	.013	0	11	6.343	19.88	.249	.249	1	H1-1b*	
92	VERT12	SR 0.75	.163	0	36	.014	3	29	6.343	19.88	.249	.249	1	H1-1b*	
93	MP GAMMA5	PIPE 2.0	.163	.5	6	.050	.5	5	26.521	32.13	1.872	1.872	1...	H1-1b	
94	VERT1	SR 0.75	.163	0	24	.012	3	17	6.343	19.88	.249	.249	1	H1-1b*	
95	MP BETA5	PIPE 2.0	.161	.5	30	.053	.5	29	26.521	32.13	1.872	1.872	1...	H1-1b	
96	DIAG3	SR 0.75	.159	4.922	30	.009	4.922	29	2.23	19.88	.249	.249	1	H1-1b	
97	MP ALPHA5	PIPE 2.0	.159	.5	18	.048	.5	17	26.521	32.13	1.872	1.872	1...	H1-1b	
98	DIAG1	SR 0.75	.158	4.922	27	.015	4.922	35	2.23	19.88	.249	.249	1	H1-1b	
99	DIAG4	SR 0.75	.158	4.922	15	.015	4.922	23	2.23	19.88	.249	.249	1	H1-1b	
100	DIAG6	SR 0.75	.157	4.922	3	.015	4.922	11	2.23	19.88	.249	.249	1	H1-1b	
101	DIAG5	SR 0.75	.155	4.922	18	.009	4.922	17	2.23	19.88	.249	.249	1	H1-1b	
102	DIAG2	SR 0.75	.155	4.922	6	.009	4.922	5	2.23	19.88	.249	.249	1	H1-1b	
103	BP28	PL4x0.5	.146	.167	11	.200	.167	y	17	85.085	90	.938	7.5	3...	H1-1b
104	BP18	PL4x0.5	.138	.167	23	.213	.167	y	29	85.085	90	.938	7.5	3...	H1-1b
105	BP9	PL4x0.5	.138	.167	35	.203	.167	y	5	85.085	90	.938	7.5	3...	H1-1b
106	FP11	PL6x0.375	.136	0	12	.085	.25	y	35	95.721	101.25	.791	12.656	2...	H1-1b
107	FP7	PL6x0.375	.136	0	24	.096	.25	y	11	95.721	101.25	.791	12.656	2...	H1-1b
108	FP2	PL6x0.375	.135	0	36	.085	.25	y	23	95.721	101.25	.791	12.656	2...	H1-1b
109	BP36	PL4x0.5	.117	.167	30	.106	.167	y	30	85.085	90	.938	7.5	3...	H1-1b
110	BP26	PL4x0.5	.116	.167	6	.104	.167	y	6	85.085	90	.938	7.5	3...	H1-1b
111	BP1	PL4x0.5	.116	.167	18	.102	.167	y	18	85.085	90	.938	7.5	3...	H1-1b
112	BP3	PL4x0.5	.098	0	22	.167	.167	y	25	85.085	90	.938	7.5	3...	H1-1b
113	BP24	PL4x0.5	.098	0	10	.167	.167	y	13	85.085	90	.938	7.5	3...	H1-1b
114	BP34	PL4x0.5	.098	0	34	.167	.167	y	37	85.085	90	.938	7.5	3...	H1-1b

APPENDIX D
Additional Calculations



POD Job # 22-128129
Site Number 876326
Site Name HAYDEN STATION

Connection Type Single Shear

RISA 3D Forces

Axial (Bolts) 1.256 kips
 Shear (Bolts) 3.628 kips
 Axial Force (Member) 3.628 kips

Bolt/Member Information

Member Label	Back	
# of Bolts	1	
Diameter	0.625	inches
Bolt Grade	A325	
Member Grade	A572-50	
Threads Included?	Yes	
L _b	0	inches
L _c	1	inches
t	0.5	inches

Shear Capacity	26.3%
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Axial Capacity	6.2%
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Bearing Capacity	10.1%
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Combined Capacity	7.3%
--------------------------	-------------



POD Job #	22-128129
Site Number	876326
Site Name	HAYDEN STATION
Code	TIA 222-H

Clamp Set Check

Reactions from Risa

Vertical Moment (M _z)	0.391	ft-kip
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Tower Connection Resistance

D	0.625	in
Torque	225	ft - lbs
Number of Threaded Rods	4	
Member Size	4.5	in
μ	0.8	
T	5.4	Kips

Calculations

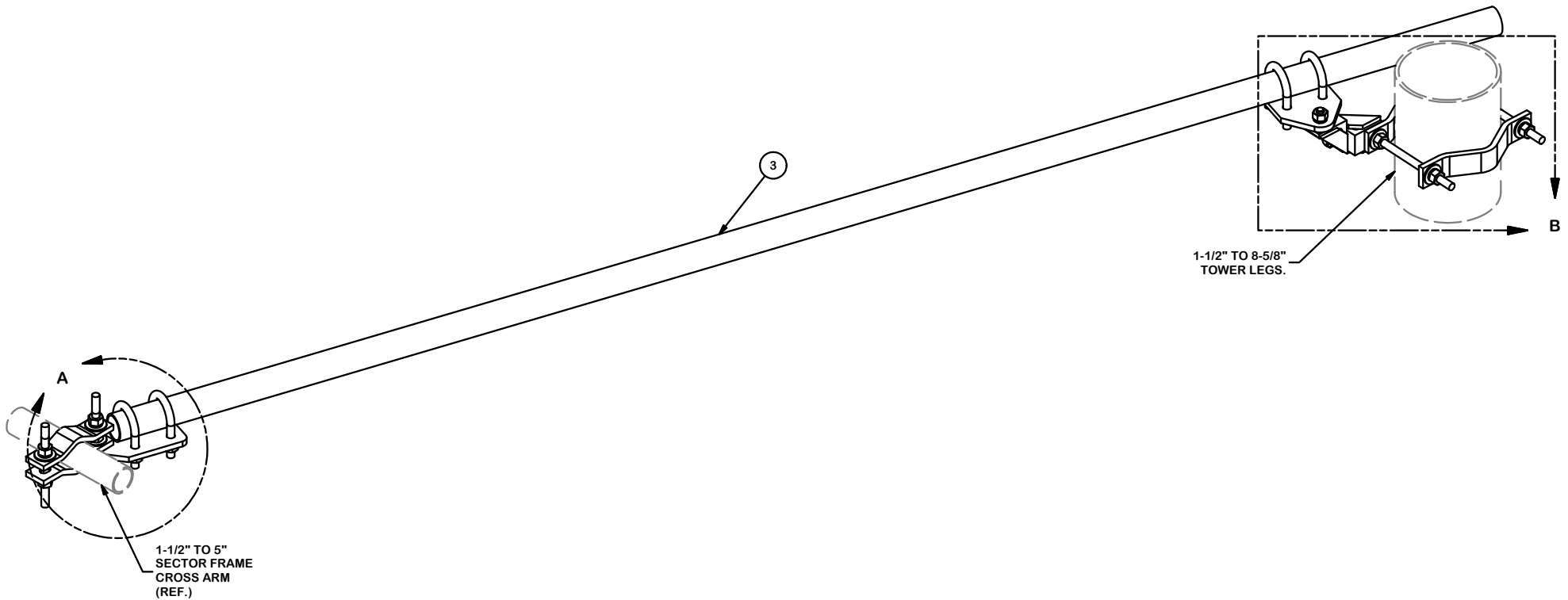
Resultant Reaction, N	5.400	Kip
Friction Force, F _s	3.240	Kip
Friction Moment Resistance, M _{Fs}	4.860	ft-Kip

Connection Reaction	Fixed
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APPENDIX E

Mount Modification Specification Sheets

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



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 ARE $\pm 1/2$ 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
 SLIDING PIPE
 TIE BACK ASSEMBLY

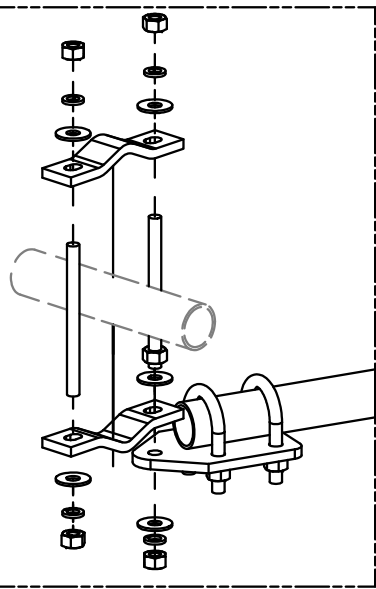
CPD NO.	DRAWN BY	ENG. APPROVAL
CLASS	DRAWING USAGE	CHECKED BY
81	02	CUSTOMER
		BMC 11/17/2016

SITE PRO 1
 A valmont COMPANY

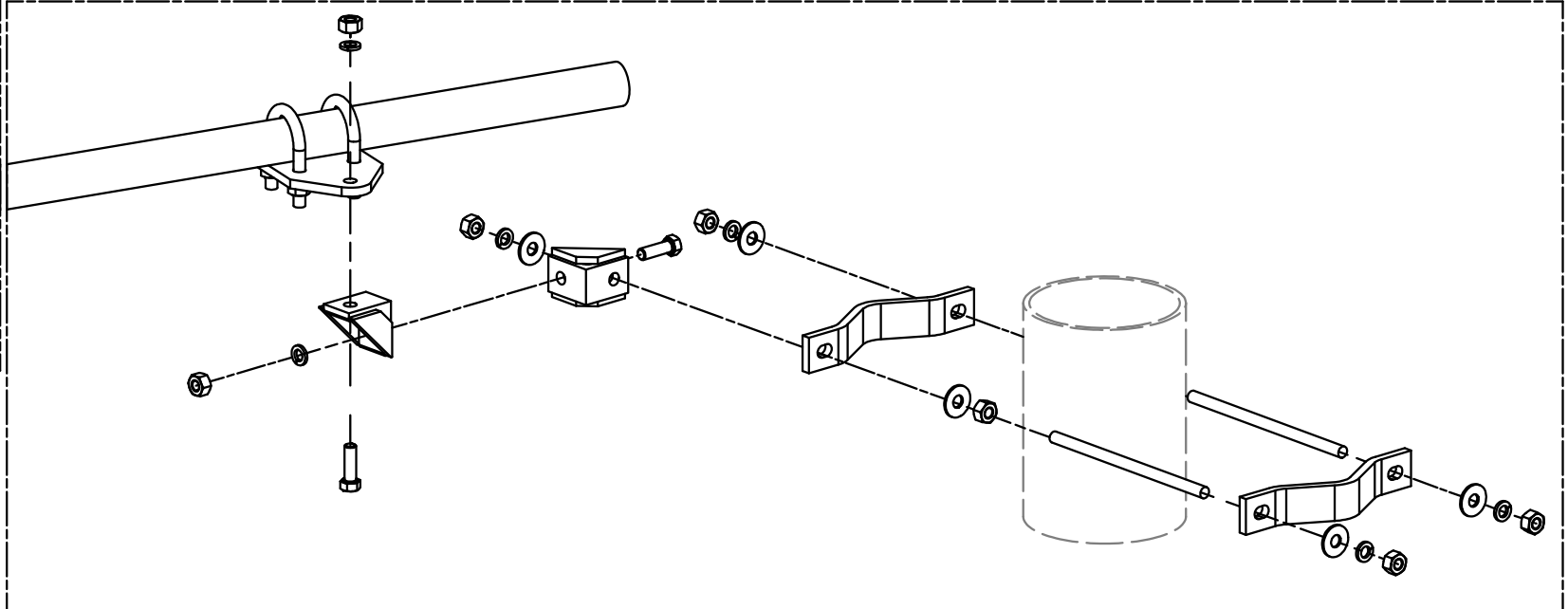
Engineering Support Team:
 1-888-753-7446

Locations:
 New York, NY
 Atlanta, GA
 Los Angeles, CA
 Plymouth, IN
 Salem, OR
 Dallas, TX

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



DETAIL A



DETAIL B

SEE PAGE 3 FOR
HARDWARE DETAILS

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 ARE $\pm 1/2$ 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
**SLIDING PIPE
TIE BACK ASSEMBLY**

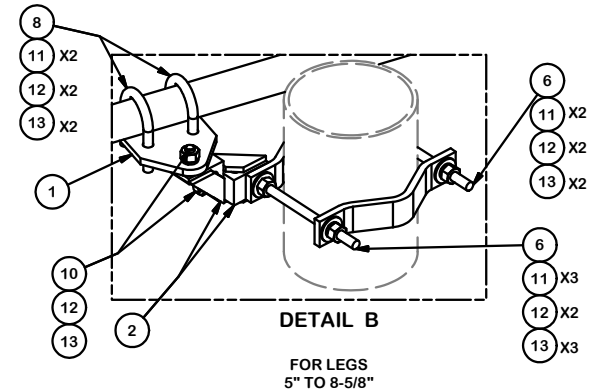
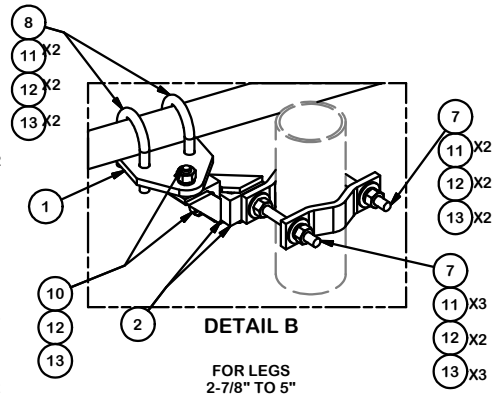
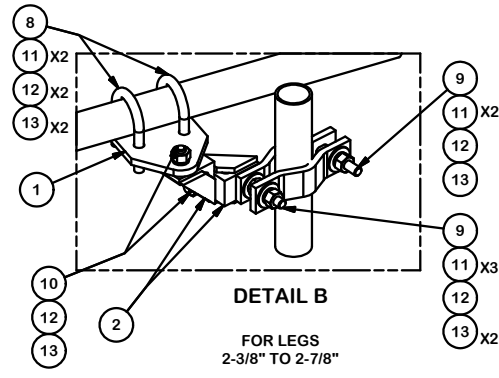
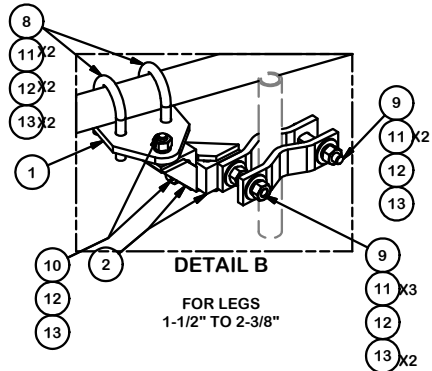
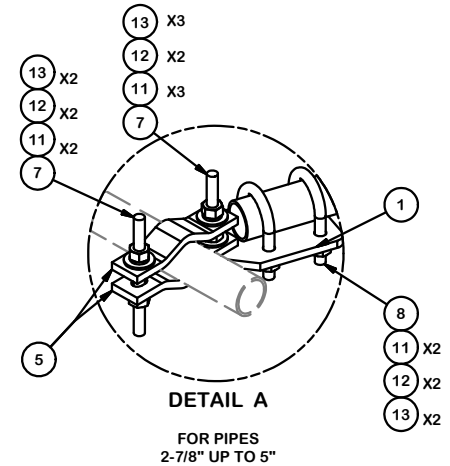
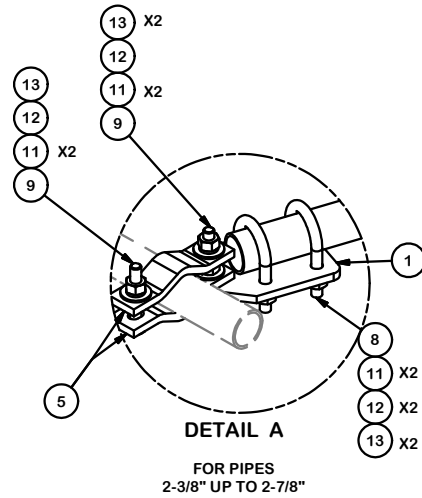
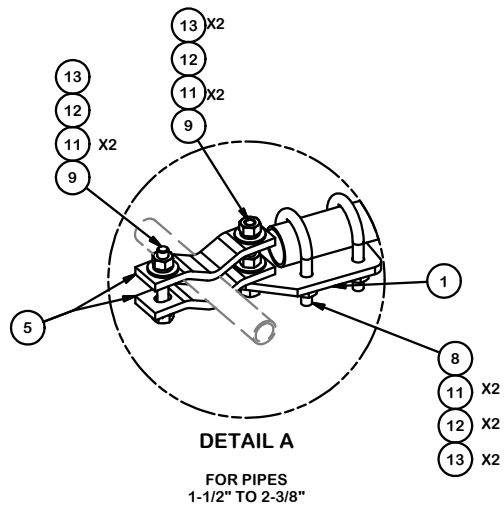
SITE PRO 1
A valmont COMPANY

Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

Engineering Support Team:
1-888-753-7446

CPD NO.	DRAWN BY CEK 10/19/2016	ENG. APPROVAL
CLASS 81	SUB 02	DRAWING USAGE CUSTOMER
	CHECKED BY BMC 11/17/2016	

PART NO.	SPTB	PAGE 2 OF 3
DWG. NO.	SPTB	



TOLERANCE NOTES

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 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 ARE $\pm 1/2$ DEGREE
 ALL OTHER MACHINING ($\pm 0.030"$)
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DESCRIPTION
**SLIDING PIPE
 TIE BACK ASSEMBLY**

CPD NO.	DRAWN BY CEK 10/19/2016	ENG. APPROVAL
CLASS 81	SUB 02	DRAWING USAGE CUSTOMER
	CHECKED BY BMC 11/17/2016	

SITE PRO 1
 Engineering Support Team:
 1-888-753-7446

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A valmont COMPANY

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

APPENDIX F

Mount Modification Design Drawings



SITE:
876326 HAYDEN STATION (10071329)

MODIFICATION DRAWING FOR AN EXISTING 13' SECTOR FRAME AT 92' ON A 96' 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

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MODIFICATION DRAWING



REV.	DATE	DESCRIPTION

SITE INFORMATION:
HAYDEN STATION (10071329)
 440 HAYDEN STATION ROAD
 WINDSOR, CT 06095

SITE NUMBER:
876326

POD NUMBER: 22-128129
 DESIGNED BY: AM
 DRAWN BY: TAJ
 CHECKED BY: JGC
 DATE: 05/05/2022

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	
COUNTY:	HARTFORD
SITE ADDRESS:	440 HAYDEN STATION ROAD WINDSOR, CT 06095
LATITUDE:	41° 53' 52.20"
LONGITUDE:	-72° 38' 38.70"

SCOPE OF WORK:
 MOUNT MODIFICATION DRAWINGS INCLUDES:
 INSTALLING PROPOSED TIEBACKS. RELOCATE & REMOVE
 EXISTING MOUNT PIPES AS NEEDED.

GENERAL NOTES

1. 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.

REFERENCE DOCUMENTS

DOCUMENT TYPE	DESIGNATION
MOUNT ANALYSIS	POD PROJECT NUMBER: 22-127673 DATED: 04/22/2022

2. 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	116 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= 0.177 & S1= 0.055

3. 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.

4. 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.

5. 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.

6. 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.

7. 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.

8. 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.

9. 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.

10. 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.

11. 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.

12. UNLESS NOTED OTHERWISE, ALL NEW MEMBERS SHALL MAINTAIN THE EXISTING MEMBER WORKING LINES AND NOT INTRODUCE ECCENTRICITIES INTO THE STRUCTURE.

13. 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.

14. ALL MANUFACTURERS' INSTRUCTIONS SHALL BE FOLLOWED EXACTLY. ANY DEVIATION REQUIRES WRITTEN APPROVAL FROM THE EOR.

15. 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.

16. DO NOT SCALE DRAWINGS.

STRUCTURAL STEEL NOTES

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

MATERIAL SPECIFICATIONS

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

3. ALL CONNECTIONS NOT FULLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE FABRICATOR IN ACCORDANCE WITH AISC SPECIFICATIONS, LATEST EDITION.
4. 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.
5. HOLES SHALL NOT BE FLAME CUT THROUGH STEEL UNLESS APPROVED BY THE EOR.
6. 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.
7. 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.
8. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES (SPLIT WASHER/PAL NUT) TO BE INSTALLED IN ACCORDANCE WITH TIA/EIAX222 REQUIREMENTS.
9. 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.

PLANS PREPARED FOR:



PLANS PREPARED BY:



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

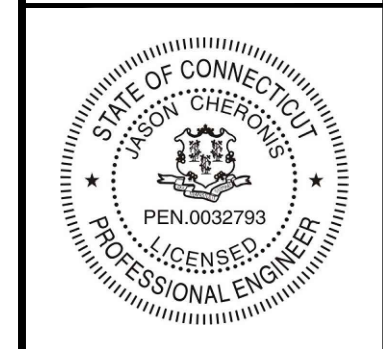
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MODIFICATION DRAWING



REV.	DATE	DESCRIPTION

SITE INFORMATION:
HAYDEN STATION
(10071329)

440 HAYDEN STATION ROAD
WINDSOR, CT 06095

SITE NUMBER:
876326

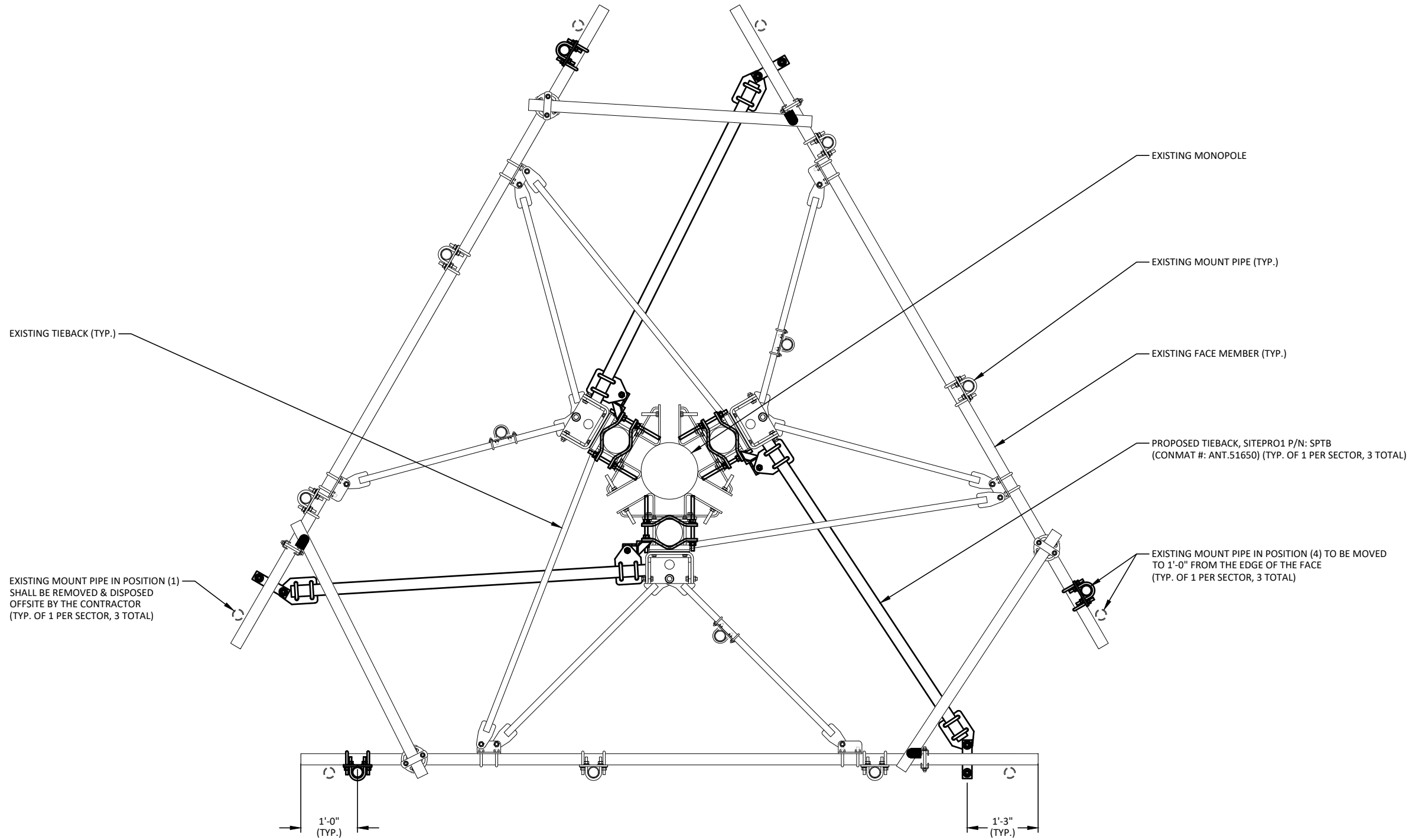
POD NUMBER: 22-128129
DESIGNED BY: AM
DRAWN BY: TAJ
CHECKED BY: JGC
DATE: 05/05/2022

SHEET TITLE:
NOTES

N-01

NOTES:

- ANTENNAE NOT SHOWN FOR CLARITY
- 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

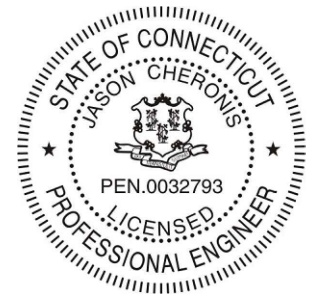
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SHEET TITLE:
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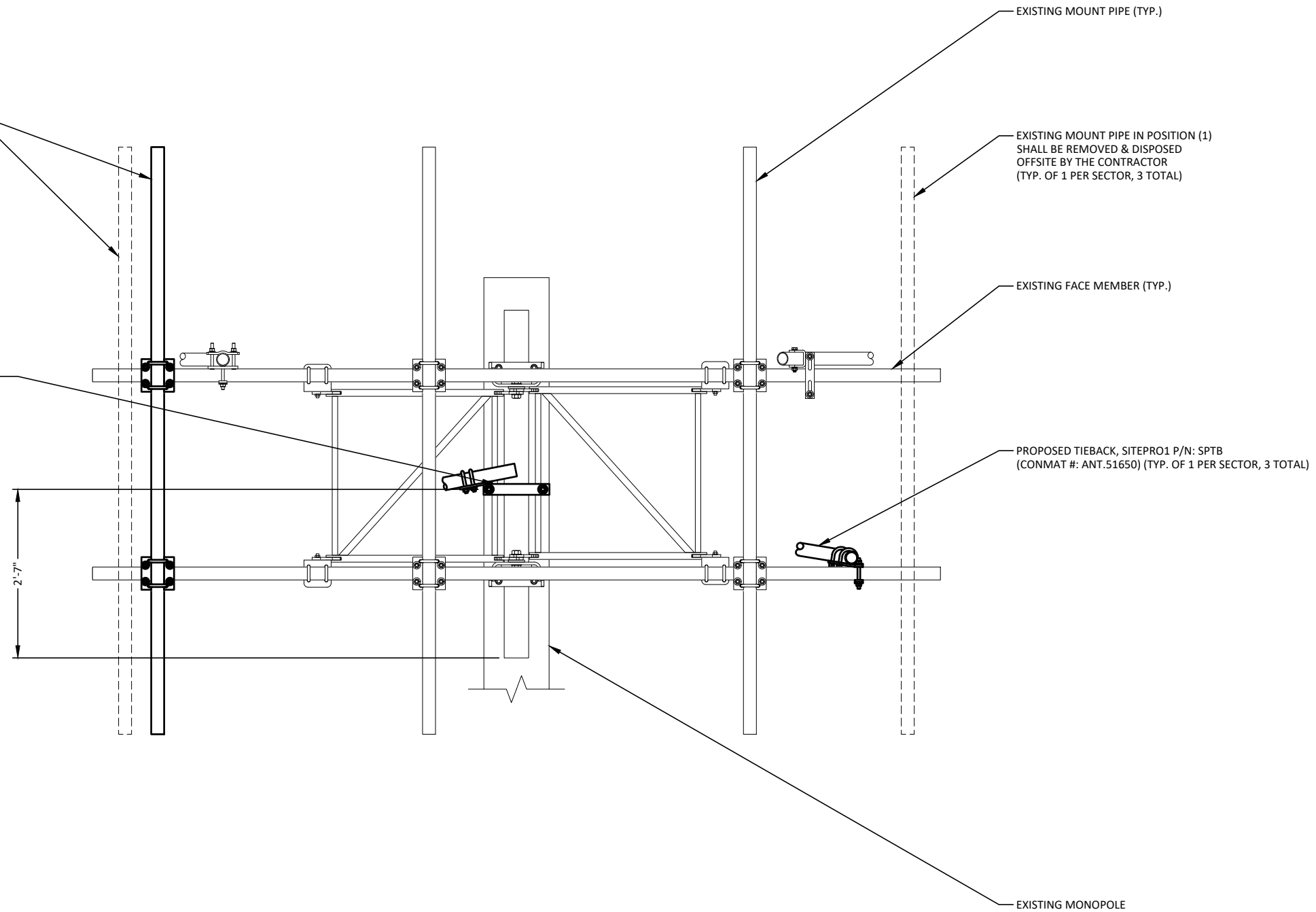
S-01

NOTES:

- ANTENNAE NOT SHOWN FOR CLARITY
- MODIFICATIONS SHALL BE INSTALLED ON ALL (3) SECTORS
- 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

EXISTING MOUNT PIPE IN POSITION (4) TO BE MOVED TO 1'-0" FROM THE EDGE OF THE FACE (TYP. OF 1 PER SECTOR, 3 TOTAL)

PROPOSED TIEBACK CONNECTION FROM ADJACENT SECTOR (CONNECTION SHOWN TO DEMONSTRATE VERTICAL POSITION WHEN INSTALLED ON PIVOT PIPE) (TYP. OF ALL (3) SECTORS)



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

PLANS PREPARED FOR:



PLANS PREPARED BY:



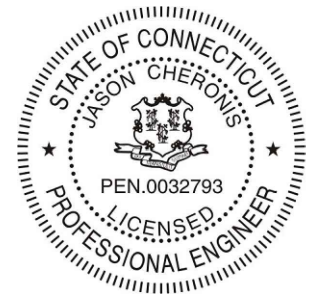
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MODIFICATION DRAWING



REV.	DATE	DESCRIPTION

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**HAYDEN STATION
(10071329)**

440 HAYDEN STATION ROAD
WINDSOR, CT 06095

SITE NUMBER:

876326

POD NUMBER:	22-128129
DESIGNED BY:	AM
DRAWN BY:	TAJ
CHECKED BY:	JGC
DATE:	05/05/2022

SHEET TITLE:

ELEVATION VIEW

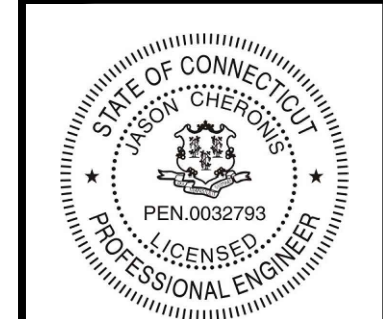
S-02

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	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			



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DESIGNED BY: AM
DRAWN BY: TAJ
CHECKED BY: JGC
DATE: 05/05/2022

SHEET TITLE:
MODIFICATION CHECKLIST

MI-01

MODIFICATION INSPECTION NOTES:

GENERAL:

1. 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.
2. 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.
3. 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:

1. 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
2. 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 INFIELD INSPECTIONS, AND SUBMITTING THE MODIFICATION INSPECTION REPORT.

GENERAL CONTRACTOR:

1. 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
2. THE GC SHALL PERFORM AND RECORD THE TEST AND INSPECTION RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE MODIFICATION INSPECTION CHECKLIST.

RECOMMENDATIONS:

1. 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:

1. 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:

1. 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:

1. 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.
2. 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:

1. 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
2. PHOTOS OF ELEVATED MODIFICATIONS TAKEN FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.

Exhibit F

Power Density/RF Emissions Report

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



Site Name:	WINDSOR BREAKNECK
FA#	10071329
USID:	876326
Site ID:	CTL05140
Address:	440 HAYDEN STATION ROAD WINDSOR, CT 06095
County:	HARTFORD
Latitude:	41.8977919
Longitude:	-72.6449989
Structure Type:	MONOPOLE
Property Owner:	CB BAGGS LLP
Pace Job:	MRCTB061148
RFDS Technology	5G NR 1SR CBAND

Report Information

Report Writer: Parul

Report Generated Date: 07-09-2022

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

Table of Contents

1. Executive Summary	3
1.1 Site Summary.....	3
1.2 Signage Summary (Proposed).....	3
1.3 List of Documents used to prepare this Report.....	3
2. Site Scale Map	4
3. Antenna Inventory	5
4. Predicted Emission.....	8
4.1 Predictive Cumulative MPE Contribution from All Sources at Antennas Centerline Level (94 ft.).....	8
4.2 Predictive Cumulative MPE Contribution from All Sources at Adjacent Building Level (27 ft.)	9
4.3 Predictive Cumulative MPE Contribution from All Sources at Ground Level (0 ft.)	10
5. Statement of Compliance.....	11
5.1 Statement of AT&T Mobility Compliance	11
Appendix A – Statement of Limiting Conditions	13
Appendix B – FCC Guidelines and Emissions Threshold Limits	14
Appendix C – Rules & Regulations	16
Appendix D – General Safety Recommendations	17
Appendix E – References.....	18
Appendix F – Proprietary Statement	21

1. Executive Summary

1.1 Site Summary

Max Predictive Spatial Average MPE% & Location on Site (General Public)	38568.70% on Antennas Centerline Level & at AT&T Sec-A antenna no. #A3-2
Max Predictive Spatial Average MPE% on Ground (General Public)	3.28%
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)

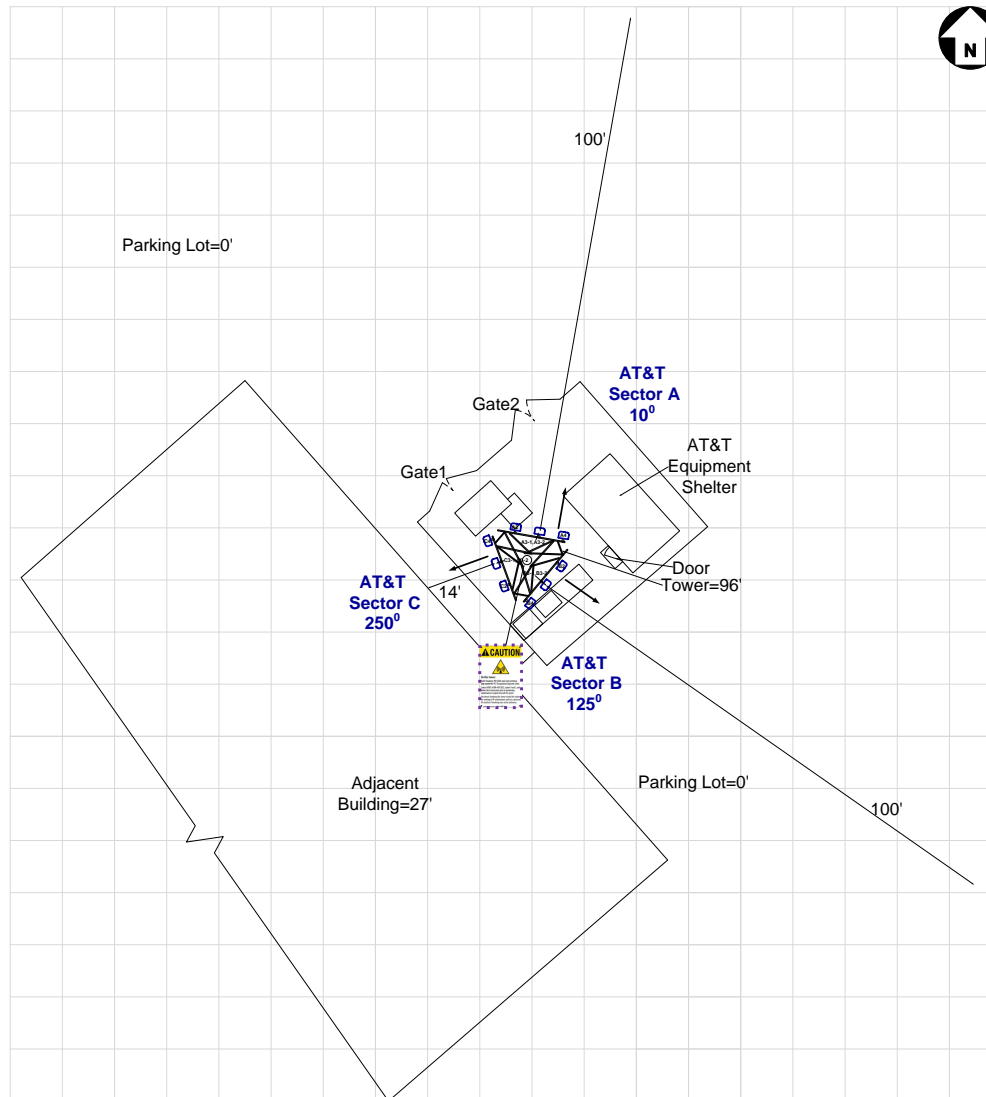
AT&T Signage Locations	Sign Type									
	Safety Instructions	Notice Sign 2	Caution Sign 2	Caution Sign 2B	Caution Sign 2C	Caution 7"x7"	Warning Sign 1B	RF Exposure Map	Lock	Barriers
Access Point(s)				1						
Alpha										
Beta										
Gamma										

TABLE 2: Signage Summary (Proposed)

1.3 List of Documents used to prepare this Report

- 876326 CD
- 876326_608802 RFDS

2. Site Scale Map



AT&T Antenna		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	Quintel	QD8616-7	Panel	700	LTE(FN)	10	72	12.75	8	120.00	0.5	2014.56	3305.07
A2	AT&T	Quintel	QD8616-7	Panel	700	LTE(B29)	10	72	12.75	8	60.00	0.5	1007.28	1652.54
A2	AT&T	Quintel	QD8616-7	Panel	1900	LTE/5G	10	62	15.05	8	120.00	0.5	3421.22	5612.82
A2	AT&T	Quintel	QD8616-7	Panel	2100	LTE/5G	10	62	15.35	8	120.00	0.5	3665.91	6014.25
A3-1	AT&T	Ericsson	AIR 6419 B77G^	Panel	3450	5G	10	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
A3-2	AT&T	Ericsson	AIR 6449 B77D^	Panel	3840	5G	10	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
A4	AT&T	CCI	DMP65R-BU8D	Panel	700	LTE(B12)	10	75	12.95	8	120.00	0.5	2109.51	3460.84
A4	AT&T	CCI	DMP65R-BU8D	Panel	850	5G	10	64	13.85	8	120.00	0.5	2595.26	4257.76
A4	AT&T	CCI	DMP65R-BU8D	Panel	2300	LTE	10	64	15.95	8	75.00	0.5	2630.64	4315.80
B2	AT&T	Quintel	QD8616-7	Panel	700	LTE(FN)	125	72	12.75	8	120.00	0.5	2014.56	3305.07
B2	AT&T	Quintel	QD8616-7	Panel	700	LTE(B29)	125	72	12.75	8	60.00	0.5	1007.28	1652.54
B2	AT&T	Quintel	QD8616-7	Panel	1900	LTE/5G	125	62	15.05	8	120.00	0.5	3421.22	5612.82
B2	AT&T	Quintel	QD8616-7	Panel	2100	LTE/5G	125	62	15.35	8	120.00	0.5	3665.91	6014.25
B3-1	AT&T	Ericsson	AIR 6419 B77G^	Panel	3450	5G	125	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
B3-2	AT&T	Ericsson	AIR 6449 B77D^	Panel	3840	5G	125	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
B4	AT&T	CCI	DMP65R-BU8D	Panel	700	LTE(B12)	125	75	12.95	8	120.00	0.5	2109.51	3460.84
B4	AT&T	CCI	DMP65R-BU8D	Panel	850	5G	125	64	13.85	8	120.00	0.5	2595.26	4257.76
B4	AT&T	CCI	DMP65R-BU8D	Panel	2300	LTE	125	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

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)
C2	AT&T	Quintel	QD8616-7	Panel	700	LTE(FN)	250	72	12.75	8	120.00	0.5	2014.56	3305.07
C2	AT&T	Quintel	QD8616-7	Panel	700	LTE(B29)	250	72	12.75	8	60.00	0.5	1007.28	1652.54
C2	AT&T	Quintel	QD8616-7	Panel	1900	LTE/5G	250	62	15.05	8	120.00	0.5	3421.22	5612.82
C2	AT&T	Quintel	QD8616-7	Panel	2100	LTE/5G	250	62	15.35	8	120.00	0.5	3665.91	6014.25
C3-1	AT&T	Ericsson	AIR 6419 B77G^	Panel	3450	5G	250	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
C3-2	AT&T	Ericsson	AIR 6449 B77D^	Panel	3840	5G	250	11	23.5	2.55	108.44*	0	24277.05*	39828.68*
C4	AT&T	CCI	DMP65R-BU8D	Panel	700	LTE(B12)	250	75	12.95	8	120.00	0.5	2109.51	3460.84
C4	AT&T	CCI	DMP65R-BU8D	Panel	850	5G	250	64	13.85	8	120.00	0.5	2595.26	4257.76
C4	AT&T	CCI	DMP65R-BU8D	Panel	2300	LTE	250	64	15.95	8	75.00	0.5	2630.64	4315.80

Table 3.2: 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

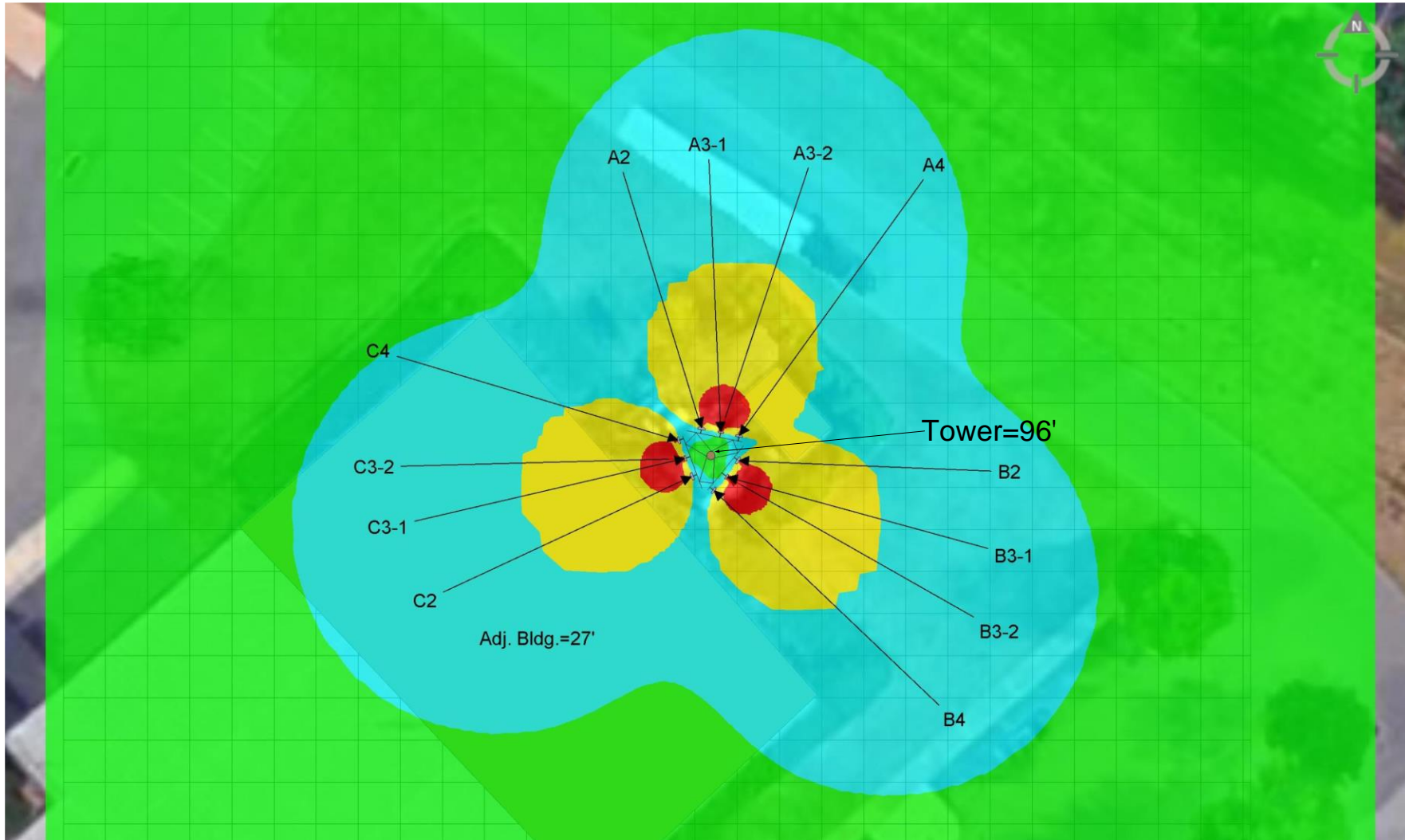
Antenna Heights (Z)

Ant ID	Operator	Antenna Radiation Centerline	Z-Height from Adjacent Building	Z-Height from Ground
A2	AT&T	94.00	63.00	90.00
A3-1	AT&T	95.75	67.48	94.48
A3-2	AT&T	92.25	63.98	90.98
A4	AT&T	94.00	63.00	90.00
B2	AT&T	94.00	63.00	90.00
B3-1	AT&T	95.75	67.48	94.48
B3-2	AT&T	92.25	63.98	90.98
B4	AT&T	94.00	63.00	90.00
C2	AT&T	94.00	63.00	90.00
C3-1	AT&T	95.75	67.48	94.48
C3-2	AT&T	92.25	63.98	90.98
C4	AT&T	94.00	63.00	90.00

Table 3.3: Antenna Height(s) Summary Table

4. Predicted Emission

4.1 Predictive Cumulative MPE Contribution from All Sources at Antennas Centerline Level (94 ft.)



Max. Predictive Spatial Average MPE% = **38568.70%**

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

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

Proposed Barrier

Proposed Posts

Map Scale = 10 ft

4.2 Predictive Cumulative MPE Contribution from All Sources at Adjacent Building Level (27 ft.)



Max. Predictive Spatial Average MPE% = 5.03%

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

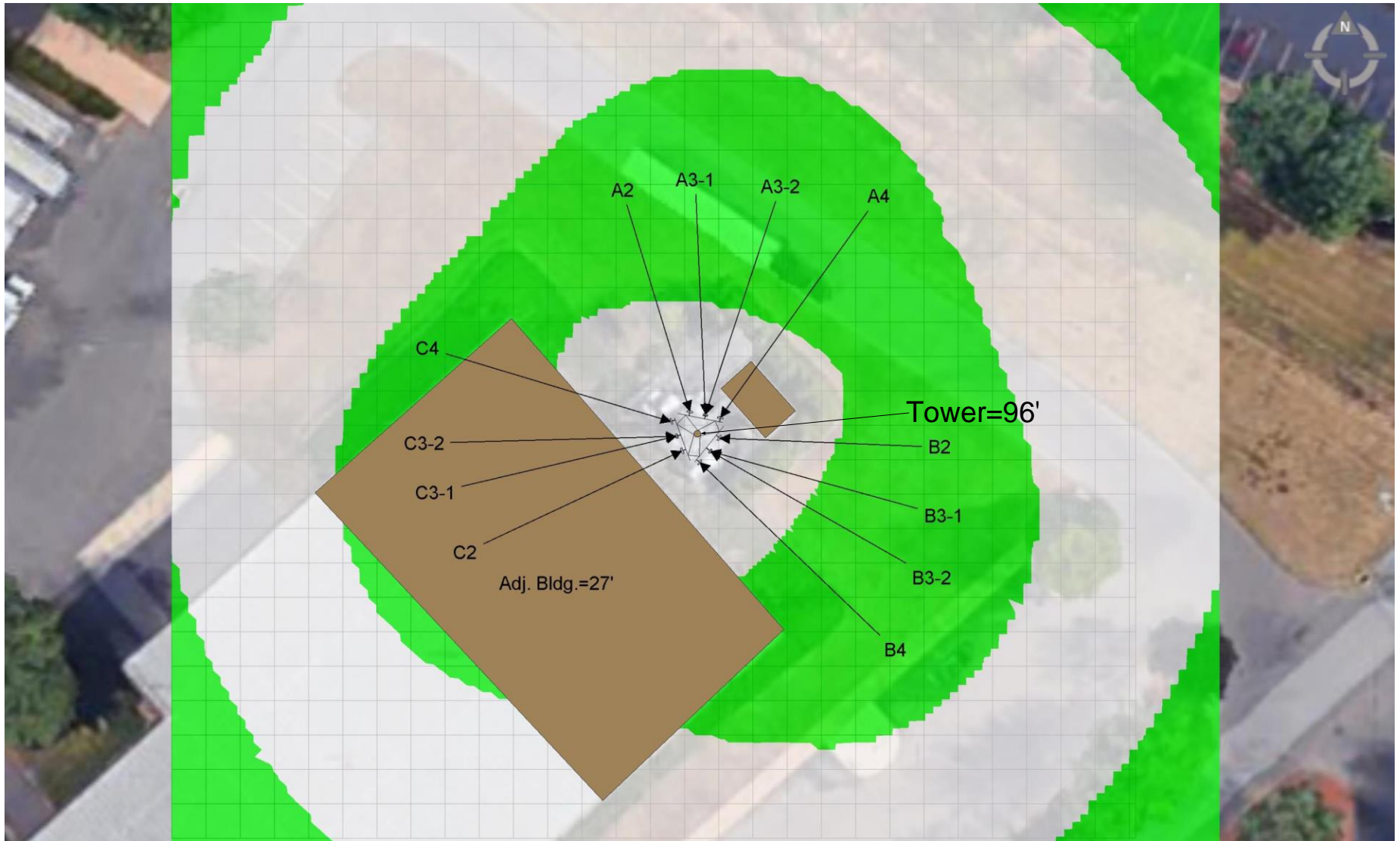
Non-Simulated	0-1	1-100	100-500	500-5000	>5000

Proposed Barrier

Proposed Posts

Map Scale = 10 ft

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



Max. Predictive Spatial Average MPE% = 3.28%

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

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

Proposed Barrier

Proposed Posts

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:

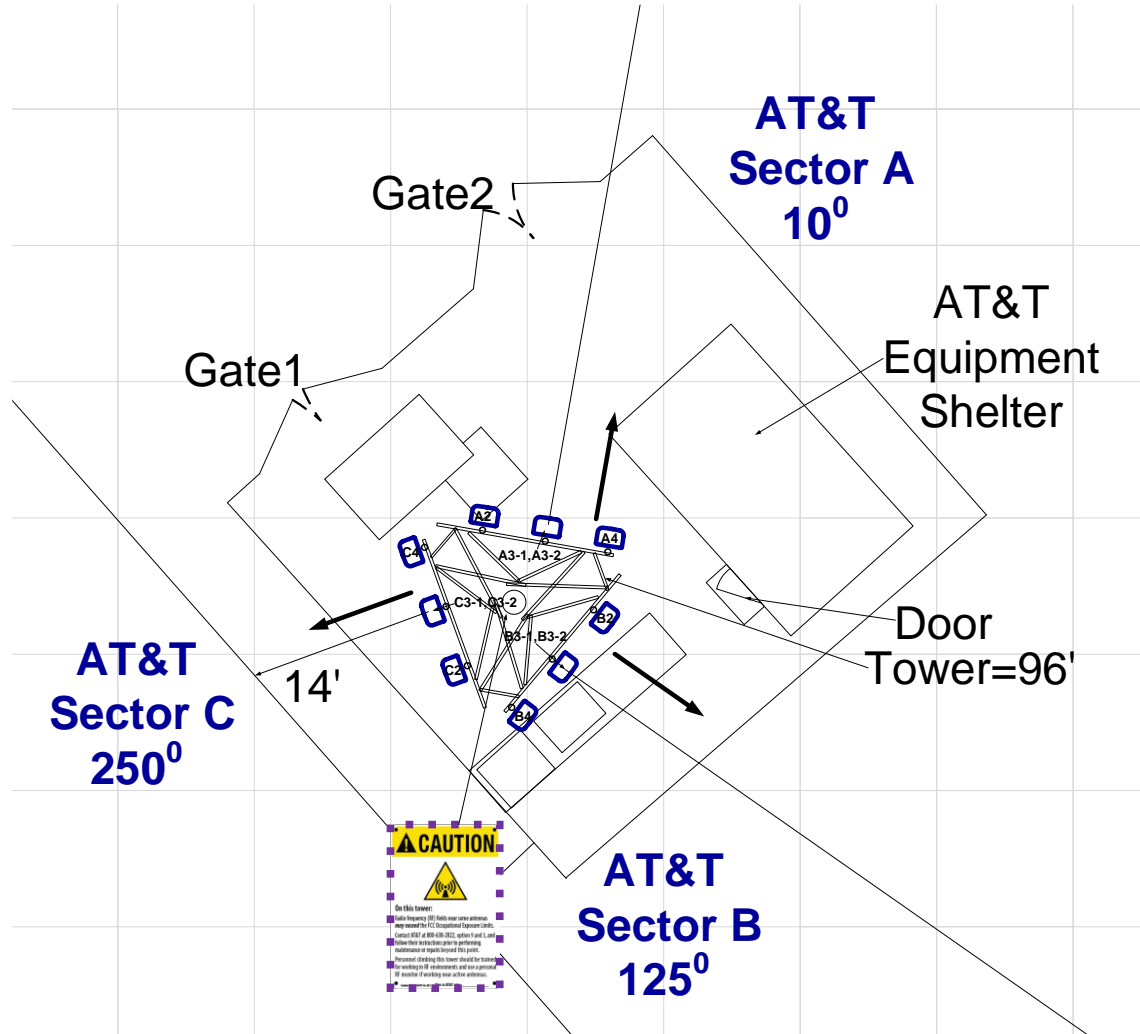
- No actions required.

Tower:

- 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 12. (1 Total Sign)

Recommendations Map – Detailed View

AT&T Alpha, Beta & Gamma Sectors



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

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.

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 FURUSKÄR, 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.