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1.0 GENERAL NOTES

- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]
- 1.2 FOR PATENT INFO: <https://www.adwpat.com>

2.0 DESIGN NOTES

2.1 ANY HAZARDS OR OBSTRUCTIONS TO THE CLIMBING FACILITY AND SAFETY CLIMB MUST BE IDENTIFIED PRIOR TO INSTALLING THE APPURTENANCE. ADDITIONAL PRODUCTS MAY BE REQUIRED TO MAINTAIN THE INTEGRITY OF THE SAFETY CLIMB. DURING INSTALLATION, TEMPORARY AND/OR PERMANENT PRECAUTIONARY MEASURES SHOULD BE TAKEN TO PRESERVE THE CLIMBING FACILITY AND/OR SAFETY CLIMB.

2.2 FITS MONOPOLES 25" TO 50" OD.

3.0 MANUFACTURING/SPECIAL REQUIREMENTS

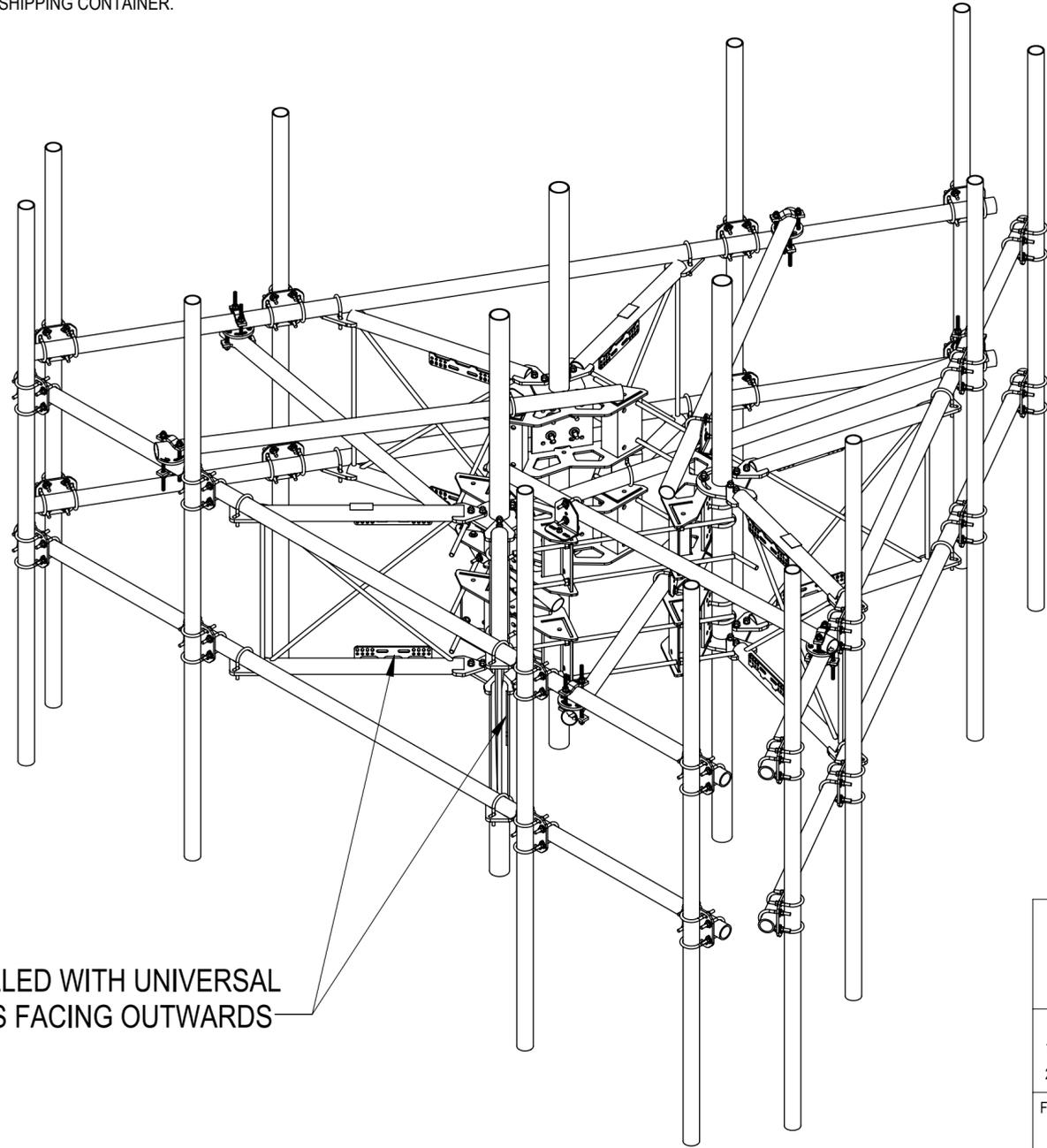
3.1 TIGHTEN ALL BOLTS SECURING FLAT PLATES BY THE TURN-OF-NUT METHOD. TIGHTEN ALL U-BOLTS USING TURN-OF-NUT METHOD WITH ATTENTION TO LEAVE EQUAL DISTANCE AND EQUAL FORCE ON EACH LEG OF THE U-BOLT.

4.0 TEST

5.0 PACKAGING

- 5.1 PACKAGING SHALL MEET ANDREW REQUIREMENTS PER DOCUMENT IS-PL-3005.
- 5.2 PRINTED DOCUMENT TO BE PLACED INSIDE POLYBAG AND THEN IN SHIPPING CONTAINER.
- 5.3 EXTRA HARDWARE MAY BE SUPPLIED, BAGGED AND SHIPPED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	YX1027 01JUN22	BA1025 40149023CMO
B	SFG2398 WAS SFG2350, UPDATED NOTES	YX1027 10JAN24	YW1045 40185676CMO
C	UPDATED SFG23175 TO ADD UNIVERSAL INTERFACE PLATES	YX1027 27AUG24	BA1025 40202715CMO



SHOULD BE INSTALLED WITH UNIVERSAL INTERFACE PLATES FACING OUTWARDS



TOLERANCES		SAP MATERIAL MASTER	
1 PLACE .X[X] ± .25[6.3]	3 PLACE .XXX[X] ± .060[1.5]	MCG23RHDX-14M12120	
2 PLACE .XX[X] ± .12[3.0]	ANGLES ± 2°		
FINISH		MATERIAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994		TITLE	
CE	YX1027	6/1/2022	G23 MP 10' SPINE, 14' FACE, (12) 120" AP
RW	NSUN	06/12/2025	
AD	YMENG	06/12/2025	
RE	YMENG	06/12/2025	
ECN	40202715CMO		
SCALE		DOCUMENT NO.	
1:32		MCG23RHDX-14M12120	
SIZE	Auth Group	INSL	MODEL
C			
VERSION		DRAWING	
02	RE	C	02
STATUS		REVISION	
RE		C	
SHEET			1 OF 5

DENSITY	lbs/in³
MASS	2963.75 lbs
VOLUME	19717.74 in³
SURFACE AREA	125893.23 in²
HEIGHT	120"
LENGTH	174"
WIDTH	163"

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INSTALL FLAT WASHER ON NEAR SIDE AND LOCK WASHER ON FAR SIDE

10 TIE BACK PIPE. POSITION IS ONLY SHOWN AS REFERENCE

INSTALL FLAT WASHER ON NEAR SIDE

DETAIL A
SCALE 1:5

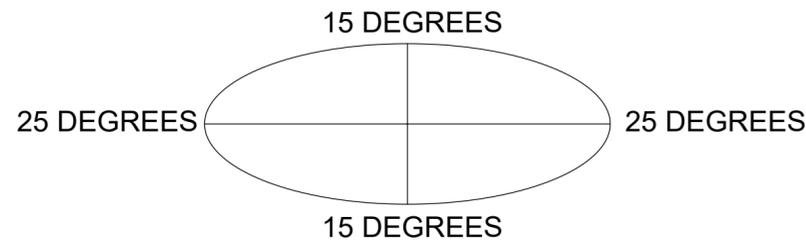
SHOULD BE INSTALLED WITH UNIVERSAL INTERFACE PLATES FACING OUTWARDS

TOP
↓
BOTTOM

COMPONENT PART NUMBERS PROVIDED FOR ASSEMBLY PURPOSES;
INDIVIDUAL COMPONENTS MAY BE SHIPPED AS PARTS WITHIN AN INCLUDED KIT.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	WEIGHT	NOTE NO.
1	MC-RM1550-3	15" - 50" OD RINGMOUNT	2	229.90 LBS	
2	GB-05225	5/8" X 2-1/4" GALV BOLT KIT	30	0.28 LBS	
3	GWf-05	5/8" GALV FLAT WASHER, 1.7OD	6	0.06 LBS	
4	GUB-53560	5/8" X 3-5/8" X 6" GALV U-BOLT	12	1.30 LBS	
5	SFG23175	ARM STANDOFF SFG23	6	66.61 LBS	
6	SFG2398	LABEL, SFG23RHDX	3	0.03 LBS	
7	SFG2204	WELDMENT, BACK VERTICAL ARM MOUNT	3	97.29 LBS	
8	XAU01	ANGLE, CROSSOVER, 1.9-3.5" X 1.9-3.5" OD	6	2.98 LBS	
9	MT546120	PIPE, 2.875"OD X 120"	12	57.45 LBS	
10	MT546084120	2.88" OD X 84" LONG PIPE	6	24.81 LBS	
11	MT546174276	PIPE, 2.875"OD X 174"	6	111.49 LBS	
12	GUB-4352	1/2" X 3" X 5-1/4" GALV U-BOLT	18	0.71 LBS	
13	GB-04145	1/2" X 1-1/2" GALV BOLT KIT	6	0.13 LBS	
14	GWf-04	1/2" GALV FLAT WASHER	6	0.04 LBS	
15	XP-2525	CROSSOVER PLATE KIT, 2-7/8 OD X 2-7/8 OD	24	8.37 LBS	
17	XP-R	CROSSOVER PLATE, ROUND, UP TO 3.5" OD	6	6.20 LBS	

ALLOWABLE TIEBACK ANGLE
+15 DEGREES VERTICAL
±25 DEGREES HORIZONTAL



ANDREW an Amphenol company

TITLE
G23 MP 10' SPINE, 14' FACE, (12) 120" AP

SIZE C	SCALE 1:16	DOCUMENT NO. MCG23RHDX-14M12120
DRAWING		SHEET
VERSION 02	STATUS RE	REVISION C
		2 OF 5

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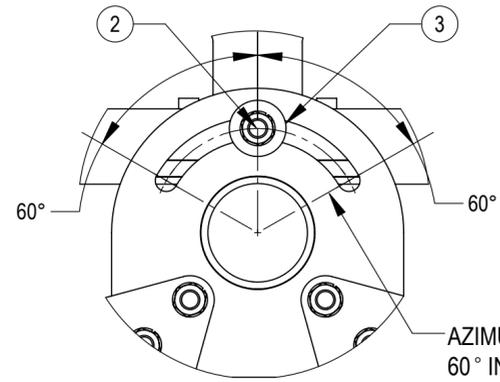
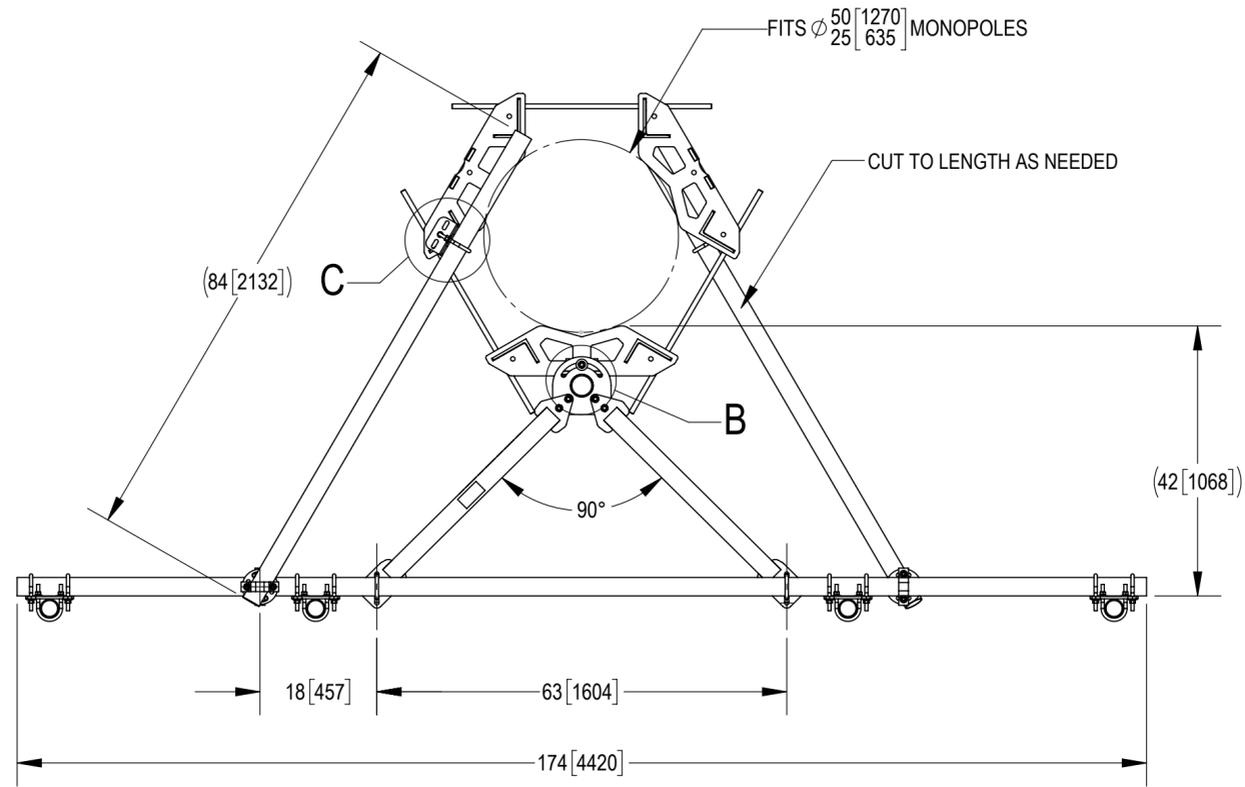
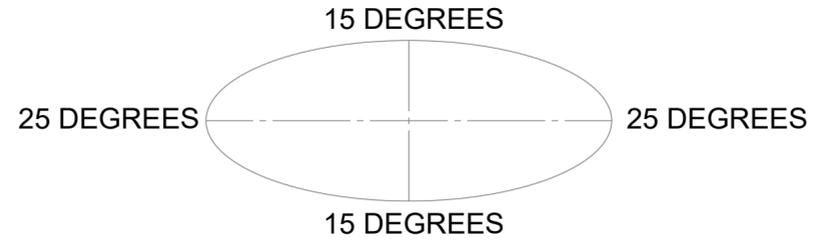
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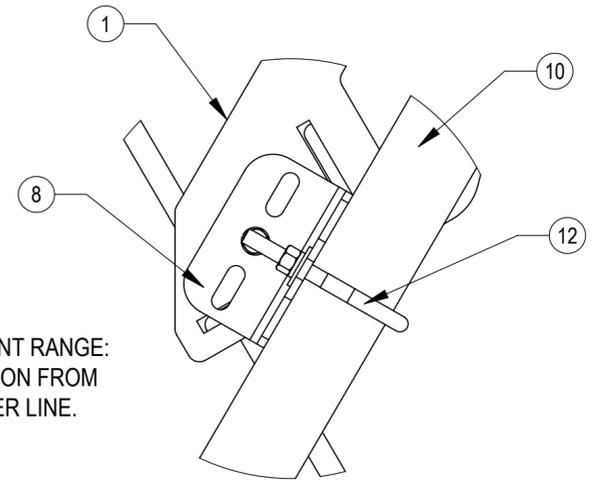
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ALLOWABLE TIEBACK ANGLE

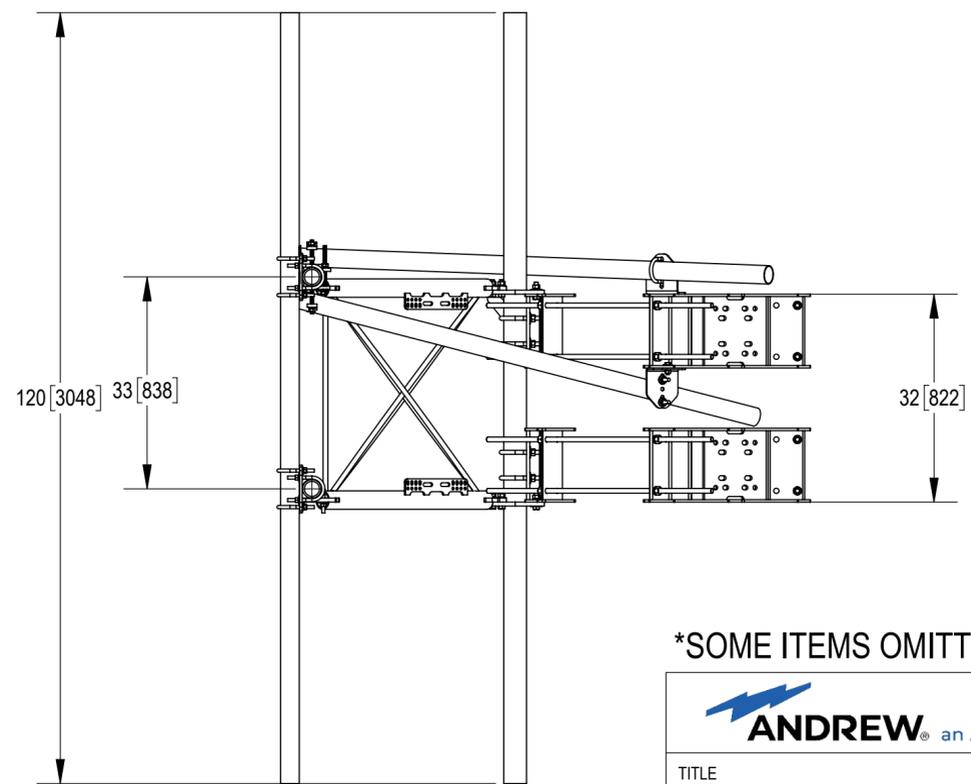
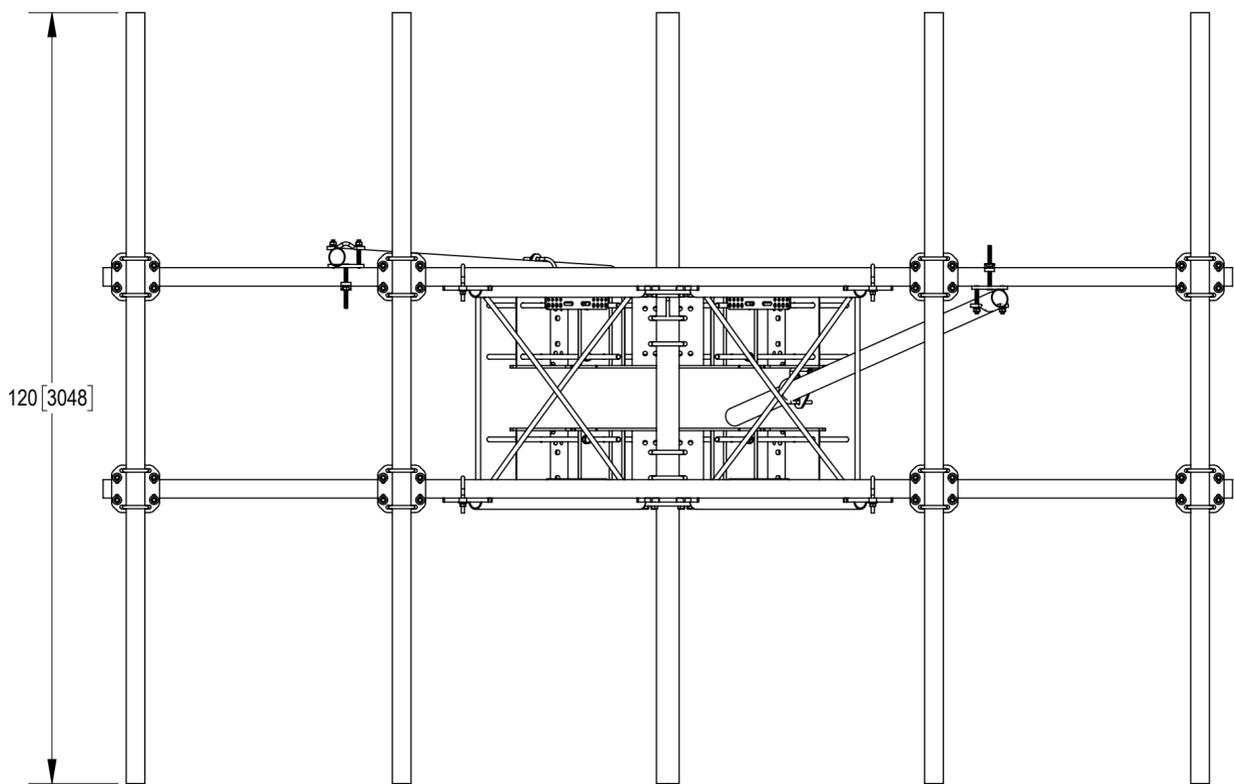
+15 DEGREES VERTICAL
±25 DEGREES HORIZONTAL



DETAIL B
SCALE 1 : 4



DETAIL C
SCALE 1 : 4



SOME ITEMS OMITTED FOR CLARITY



TITLE
G23 MP 10' SPINE, 14' FACE, (12) 120" AP

SIZE C	SCALE 1:20	DOCUMENT NO. MCG23RHDX-14M12120
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DRAWING			SHEET 3 OF 5
VERSION 02	STATUS RE	REVISION C	

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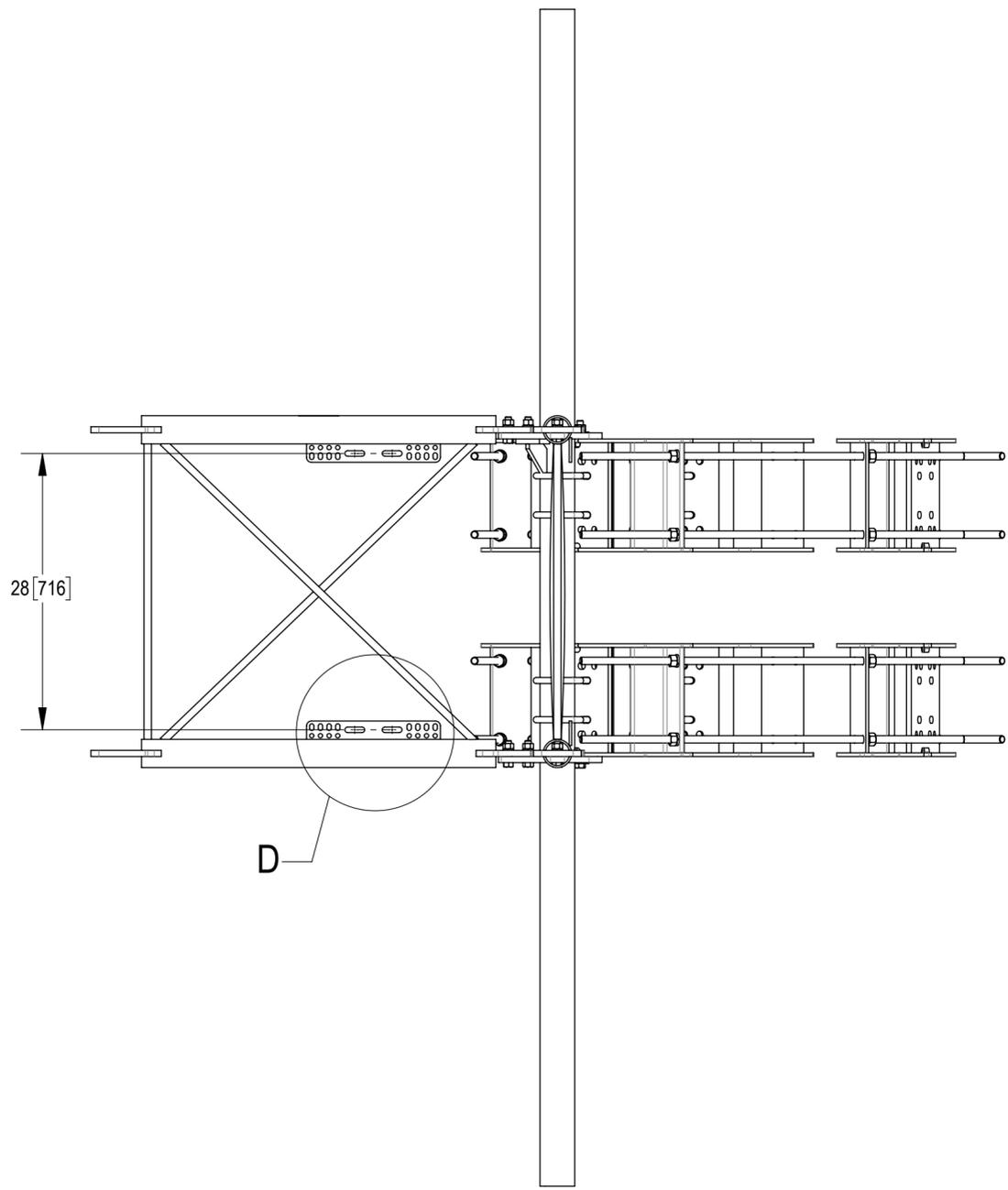
C

B

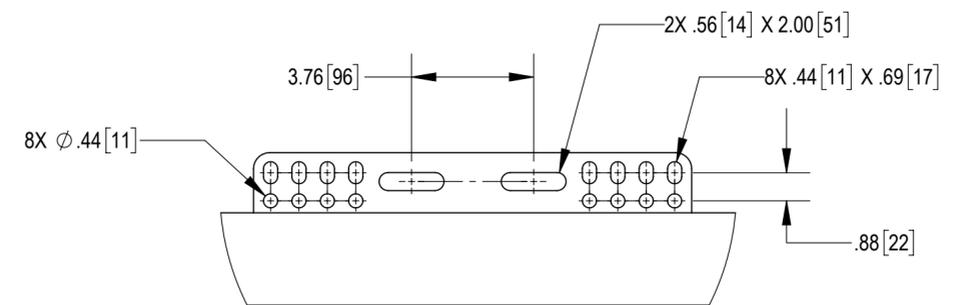
B

A

A



SIDE VIEW



**DETAIL D
SCALE 1 : 4**

SOME ITEMS OMITTED FOR CLARITY



TITLE
G23 MP 10' SPINE, 14' FACE, (12) 120" AP

SIZE C	SCALE 1:32	DOCUMENT NO. MCG23RHDX-14M12120
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	DRAWING			SHEET 4 OF 5
	VERSION 02	STATUS RE	REVISION C	

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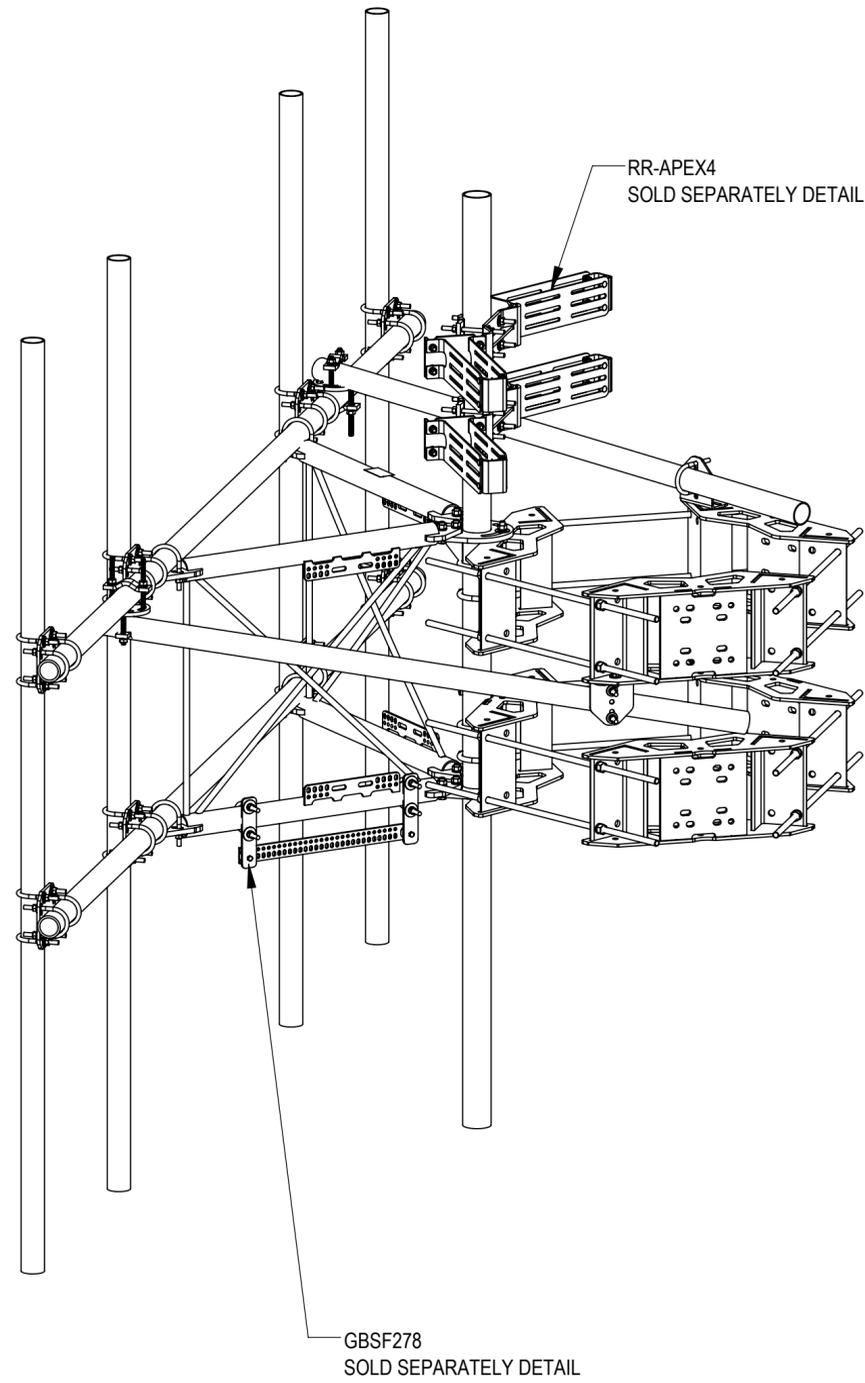
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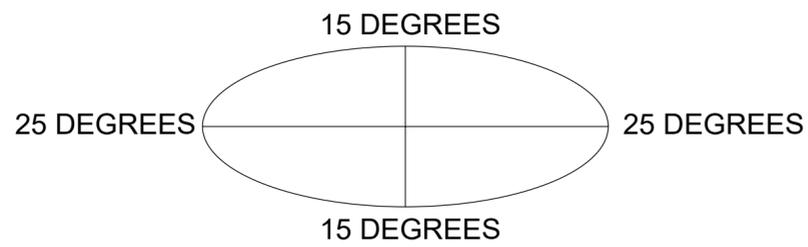
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OPTIONAL ACCESSORIES:



ALLOWABLE TIEBACK ANGLE

± 15 DEGREES VERTICAL
± 25 DEGREES HORIZONTAL



SOME ITEMS OMITTED FOR CLARITY

ANDREW an Amphenol company

TITLE
G23 MP 10' SPINE, 14' FACE, (12) 120" AP

SIZE C	SCALE 1:32	DOCUMENT NO. MCG23RHDX-14M12120
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	DRAWING			SHEET 5 OF 5
	VERSION 02	STATUS RE	REVISION C	

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