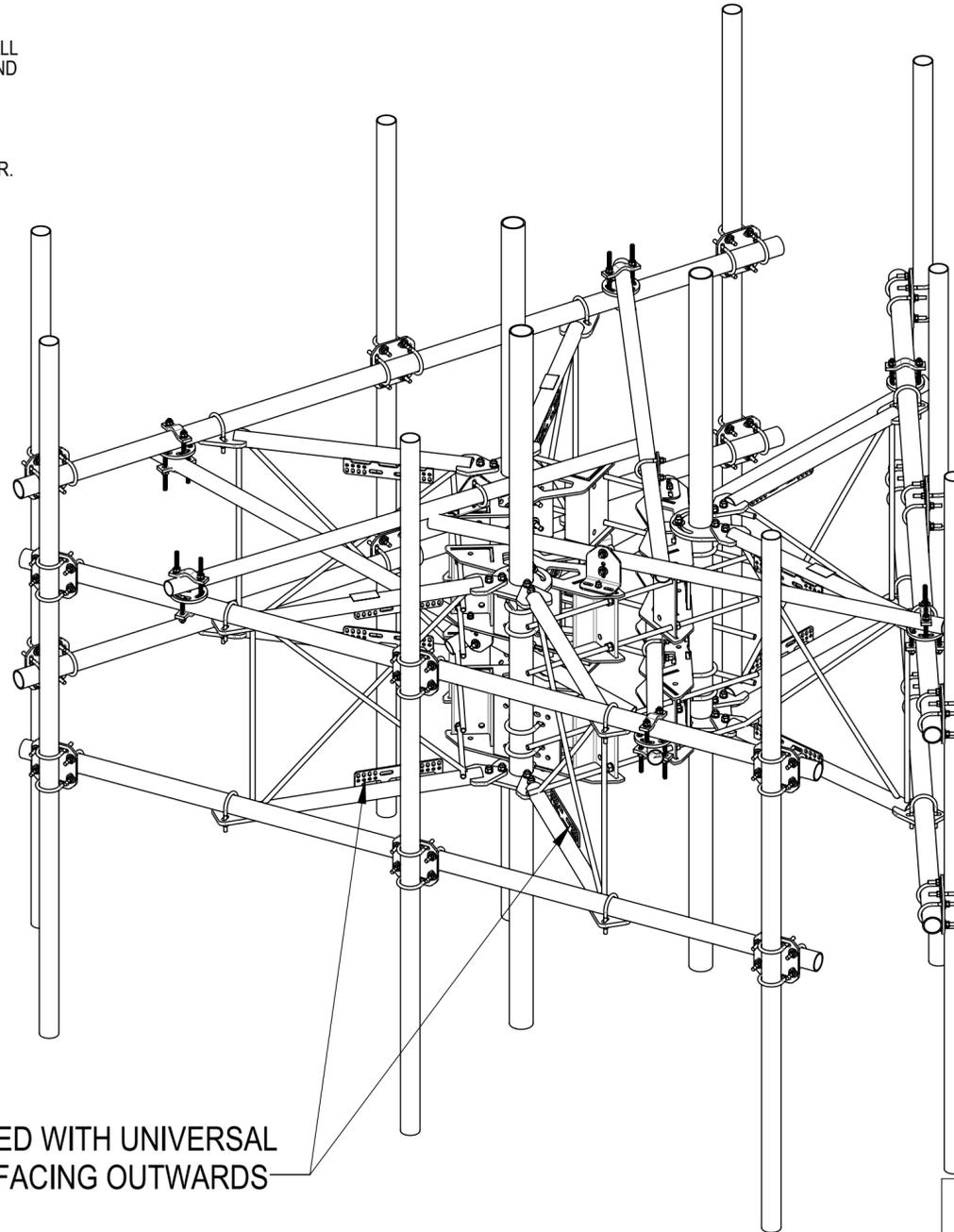


- 1.0 GENERAL NOTES
 - 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X.XX]
 - 1.2 FOR PATENT INFO: <https://www.adwpat.com>
- 2.0 DESIGN NOTES
 - 2.1 ANY HAZARDS OR OBSTRUCTIONS TO THE CLIMBING FACILITY AND SAFETY CLIMB MUST BE IDENTIFIED PRIOR TO INSTALLING THE APPURTENANCE. ADDITIONAL PRODUCTS MAY BE 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 20" TO 50" OD. MONOPOLE DIAMETER MUST BE GREATER THAN OR EQUAL TO 20" TO MEET ANTENNA TO ANTENNA CORNER SPACING OF >24".
- 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	JL1183 07MAY24	CB1094 40194988CMO
B	V-ARM SFG2292-00 (ITEM 3) WAS SFG2278; SHEET5: ADDED V-ARM DETAIL VIEW	JL1183 12JUL24	CB1094 40200155CMO
C	MT-651-84 (ITEM 12) WAS MT546084120; GUB-4240 (ITEM 16) WAS GUB-4352; GUB-4352 (ITEM 10) QTY 12 WAS 18	YX1027 02JAN25	YZ1080 40211727CMO



SHOULD BE INSTALLED WITH UNIVERSAL INTERFACE PLATES FACING OUTWARDS

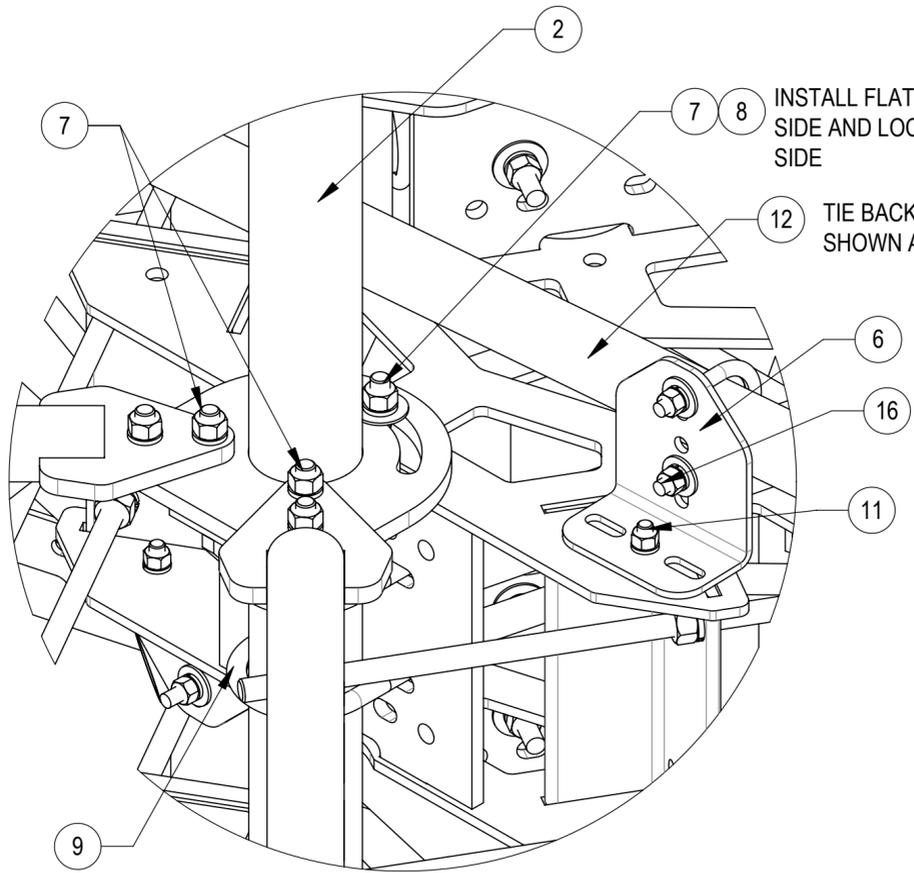


ANDREW® an Amphenol company

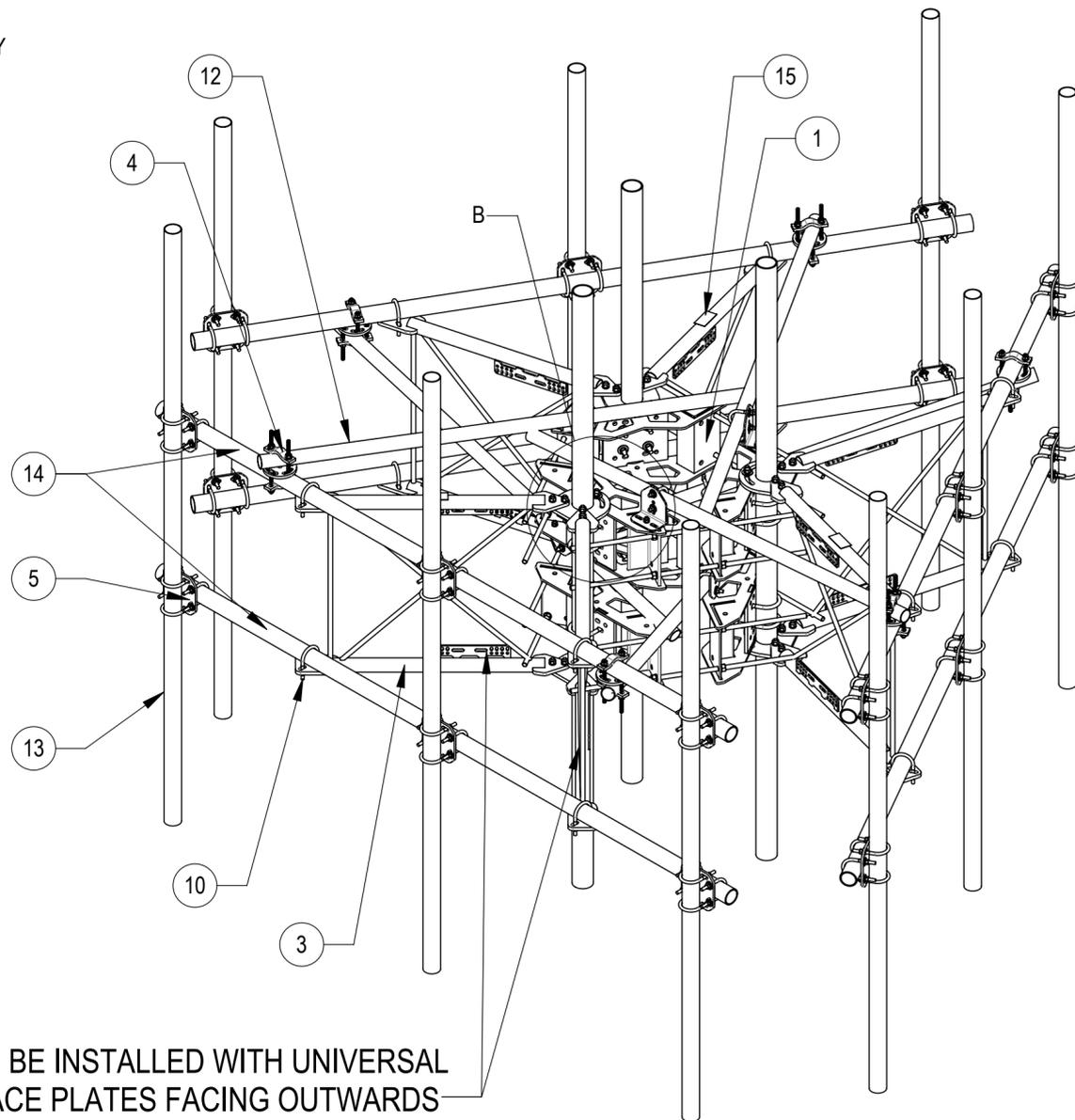
TOLERANCES		SAP MATERIAL MASTER		
0 PLACE	X[X] ± 0.25[6.3]	2 PLACE	.XX[X] ± 0.06[1.5]	
1 PLACE	.X[X] ± 0.12[3.0]	ANGLES	± 2°	
FINISH		MATERIAL		
		MCG22RHDX-11M9120		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994	NAME	DATE	TITLE	
	CE JL1183	07MAY24	PG,MP,SF,11'FP,(09)120"AP	
	RW LL1090	06/11/2025		
	AD YMENG	06/11/2025	SCALE	DOCUMENT NO.
	RE YMENG	06/11/2025	1:20	MCG22RHDX-11M9120
ECN 40211727CMO				
SIZE	Auth Group	INSL	MODEL	
C				
VERSION		STATUS	REVISION	
02		RE	C	
DRAWING		VERSION	STATUS	
		02	RE	
REVISION		REVISION		
		C		
SHEET			1 OF 5	

DENSITY		lbs/in³
MASS	2120.52	lbs
VOLUME	8417.34	in³
SURFACE AREA	78931.99	in²
HEIGHT	120"	
LENGTH	132"	
WIDTH	84"	

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DETAIL B
SCALE 1:4

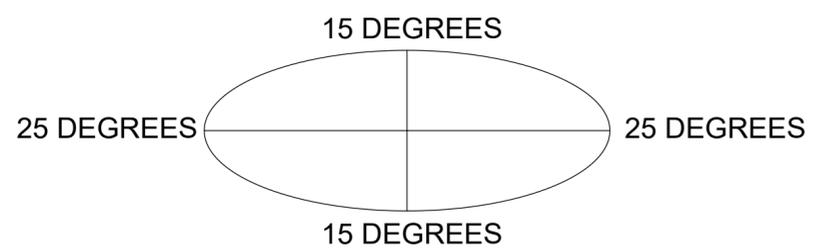


SHOULD BE INSTALLED WITH UNIVERSAL
INTERFACE PLATES FACING OUTWARDS

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

ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT	NOTE NO.
1	MC-RM1550-3	15" - 50" OD RINGMOUNT	2	229.90 LBS	
2	SFG2204	WELDMENT, BACK VERTICAL ARM MOUNT	3	36.96 LBS	
3	SFG2292-00	WELDMENT, V-ARM, SECTOR FRAME 22	6	49.69 LBS	
4	XP-R	CROSSOVER PLATE, ROUND, UP TO 3.5" OD	6	6.20 LBS	
5	XP-2525	CROSSOVER PLATE KIT, 2-7/8 OD X 2-7/8 OD	18	8.37 LBS	
6	XAU01	ANGLE, CROSSOVER, 1.9-3.5" X 1.9-3.5" OD	6	2.98 LBS	
7	GB-05225	5/8" X 2-1/4" GALV BOLT KIT	30	0.28 LBS	
8	GWF-05	5/8" GALV FLAT WASHER, 1.7OD	6	0.06 LBS	
9	GUB-53560	5/8" X 3-5/8" X 6" GALV U-BOLT	12	1.30 LBS	
10	GUB-4352	1/2" X 3" X 5-1/4" GALV U-BOLT	12	0.71 LBS	
11	GB-04145	1/2" X 1-1/2" GALV BOLT KIT	6	0.13 LBS	
12	MT-651-84	2.375" OD X 84" PIPE	6	20.35 LBS	
13	MT546120120	PIPE, 2.875"OD X 120"	9	35.44 LBS	
14	MT546132	2.875" O.D. X 132" PIPE	6	62.64 LBS	
15	SFG2295	LABEL, SFG23RHDX	3	0.03 LBS	
16	GUB-4240	1/2" X 2-1/2" X 4" GALV U-BOLT	6	0.56 LBS	

ALLOWABLE TIEBACK ANGLE
±15 DEGREES VERTICAL
±25 DEGREES HORIZONTAL



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TITLE: PG,MP,SF,11'FP,(09)120"AP

SIZE: **C** SCALE: **1:20** DOCUMENT NO.: MCG22RHDX-11M9120

DRAWING			SHEET 2 OF 5
VERSION	STATUS	REVISION	
02	RE	C	

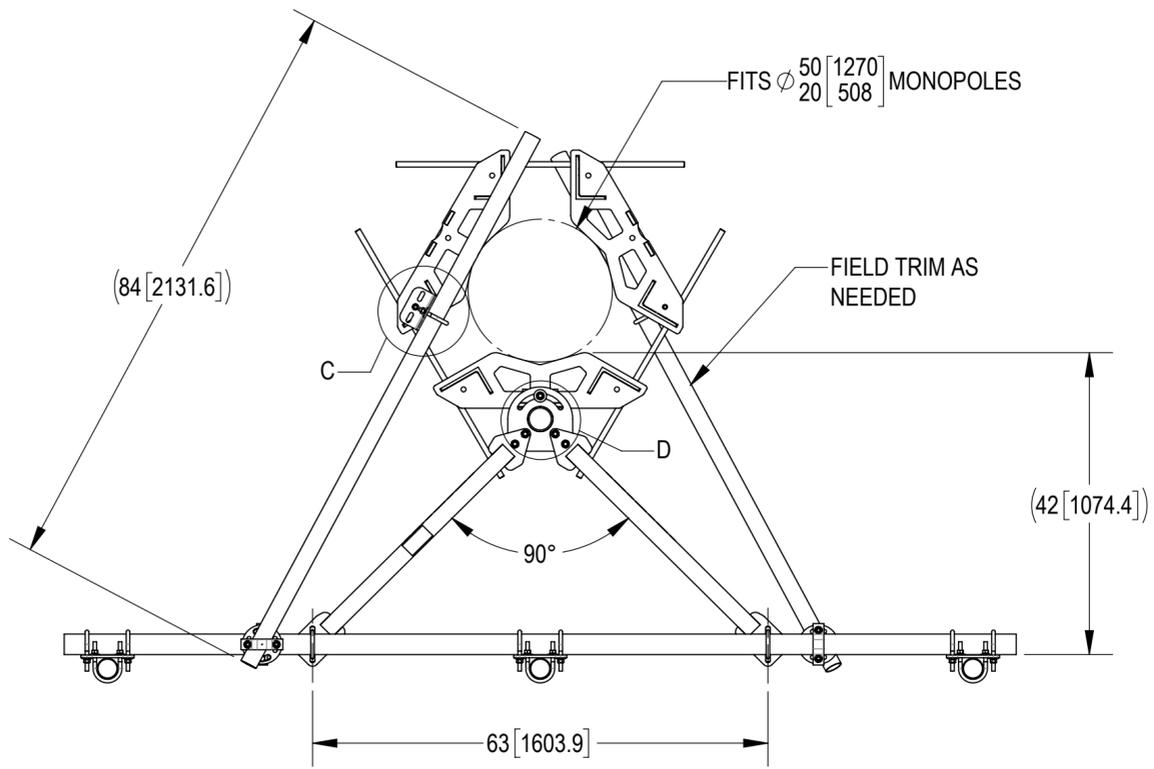
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3

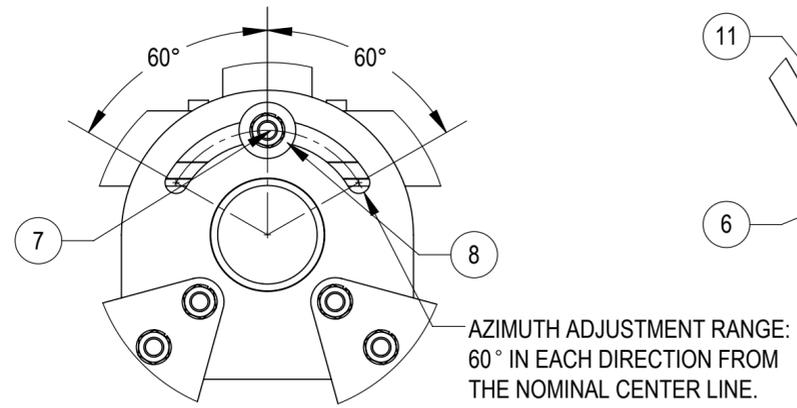
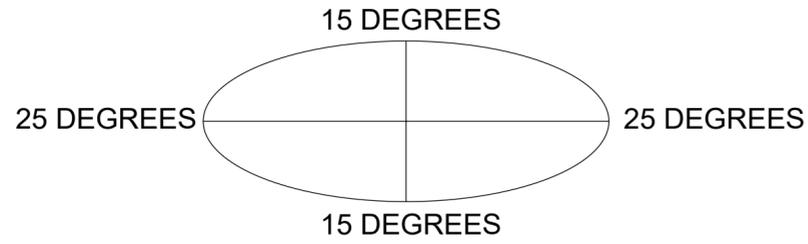
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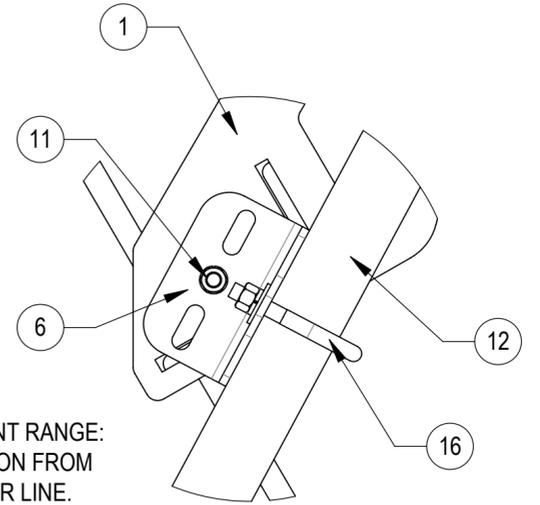


ALLOWABLE TIEBACK ANGLE

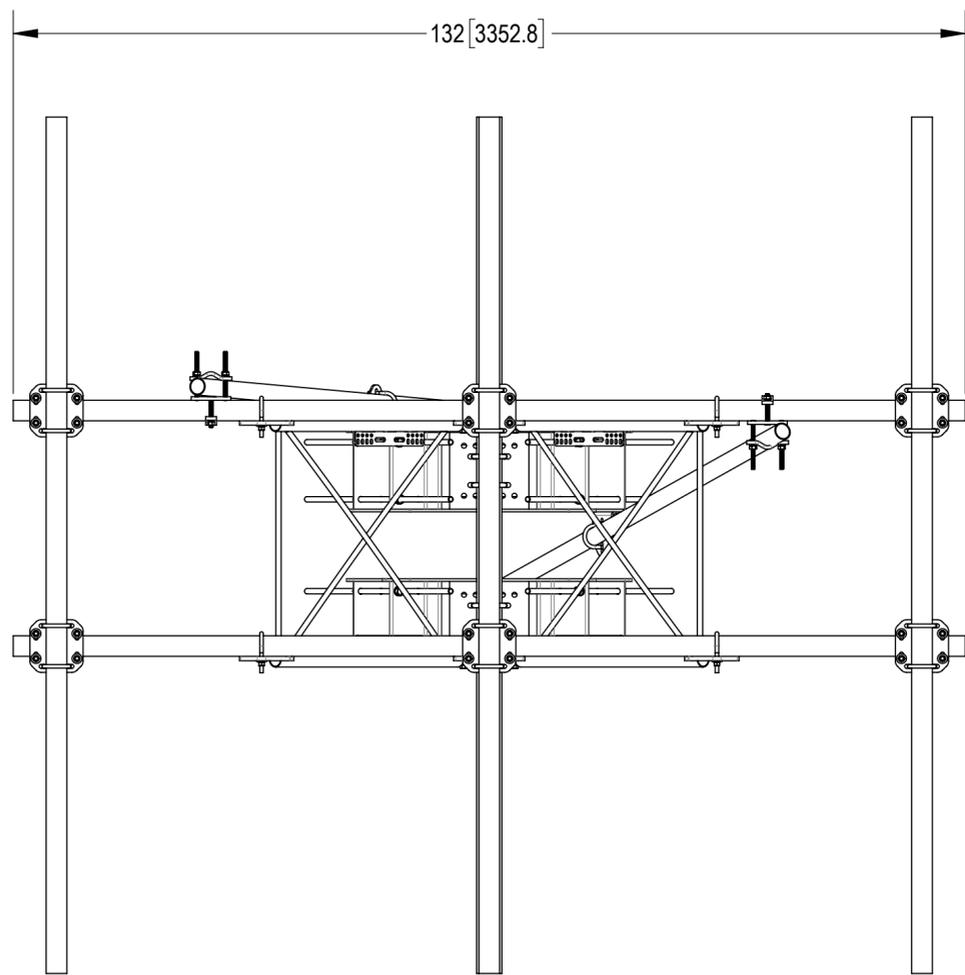
±15 DEGREES VERTICAL
±25 DEGREES HORIZONTAL



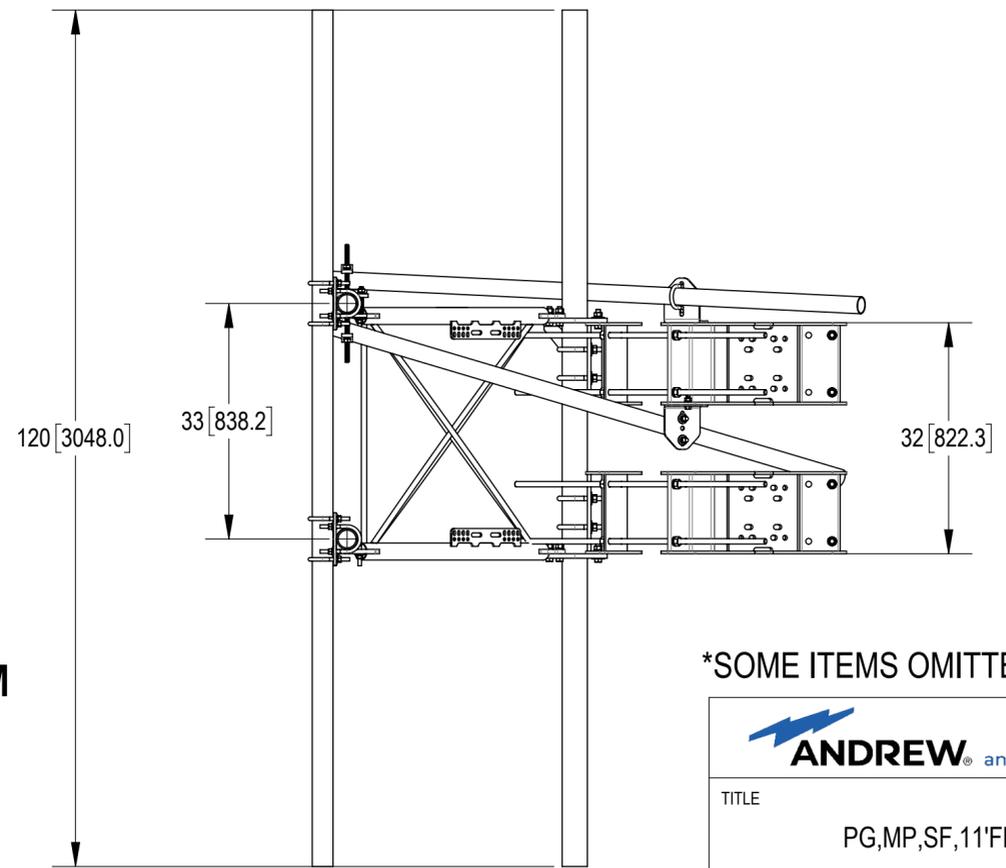
DETAIL D
SCALE 1 : 4



DETAIL C
SCALE 1 : 4



TOP
BOTTOM



SOME ITEMS OMITTED FOR CLARITY

ANDREW an Amphenol company

TITLE
PG,MP,SF,11'FP,(09)120"AP

SIZE C	SCALE 1:20	DOCUMENT NO. MCG22RHDX-11M9120
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DRAWING	VERSION	STATUS	REVISION	SHEET 3 OF 5
	02	RE	C	

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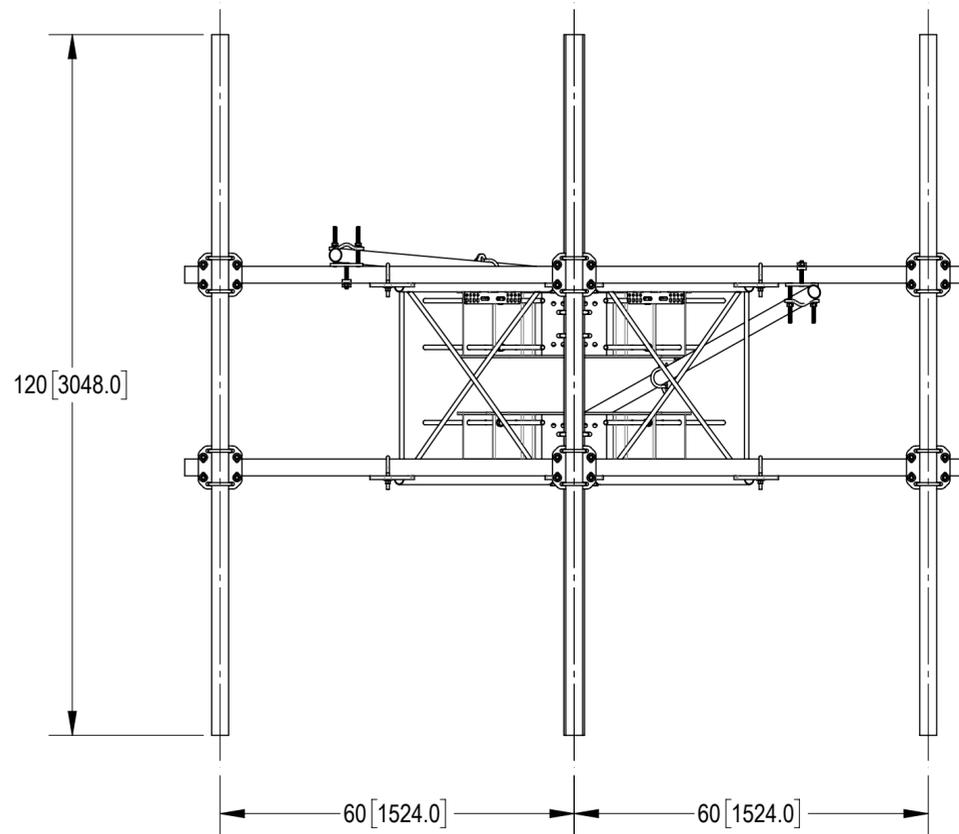
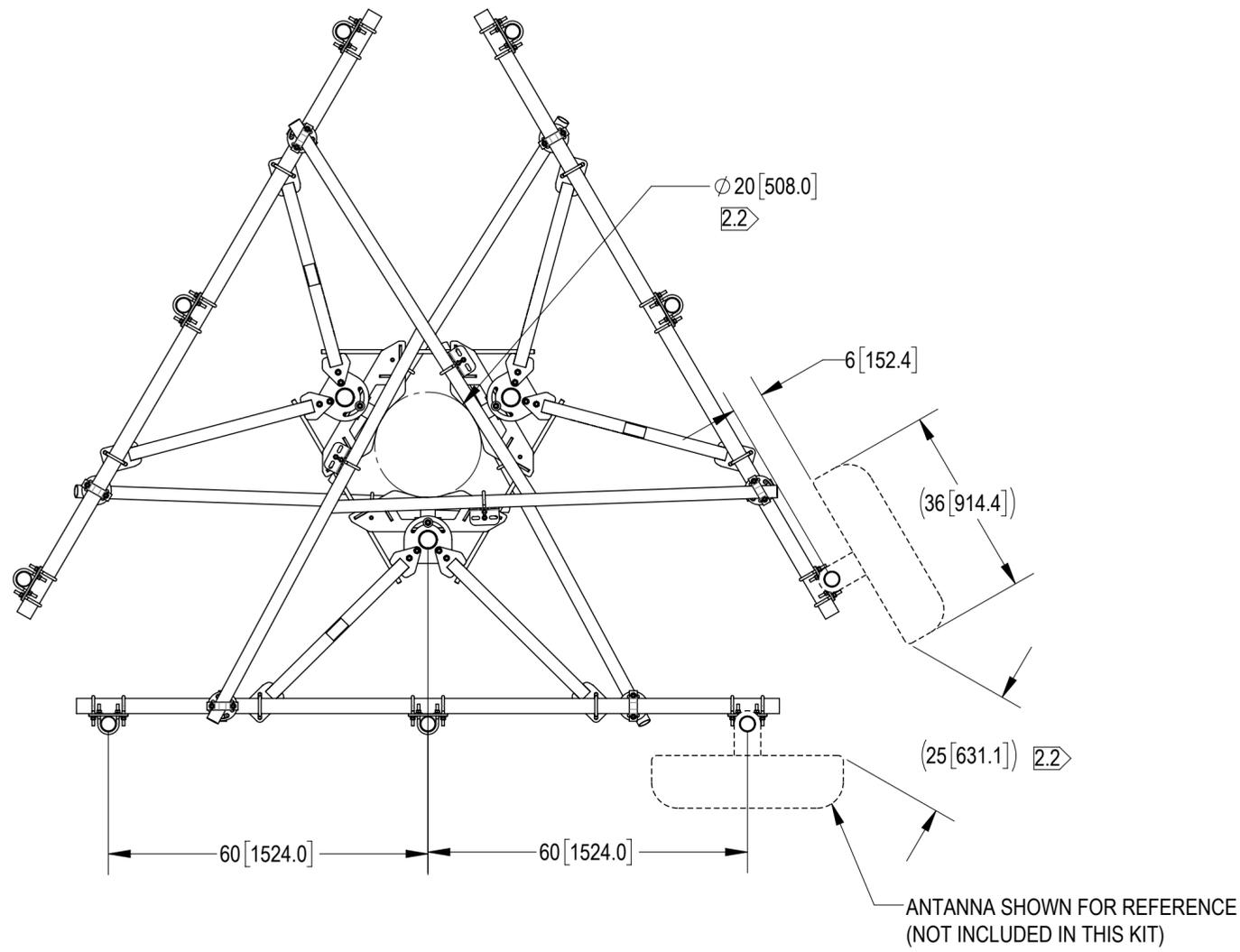
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ANTENNA SPACING SHOWN



SOME ITEMS OMITTED FOR CLARITY



TITLE
 PG,MP,SF,11'FP,(09)120"AP

SIZE C	SCALE 1:24	DOCUMENT NO. MCG22RHDX-11M9120
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DRAWING			SHEET 4 OF 5
VERSION	STATUS	REVISION	
02	RE	C	

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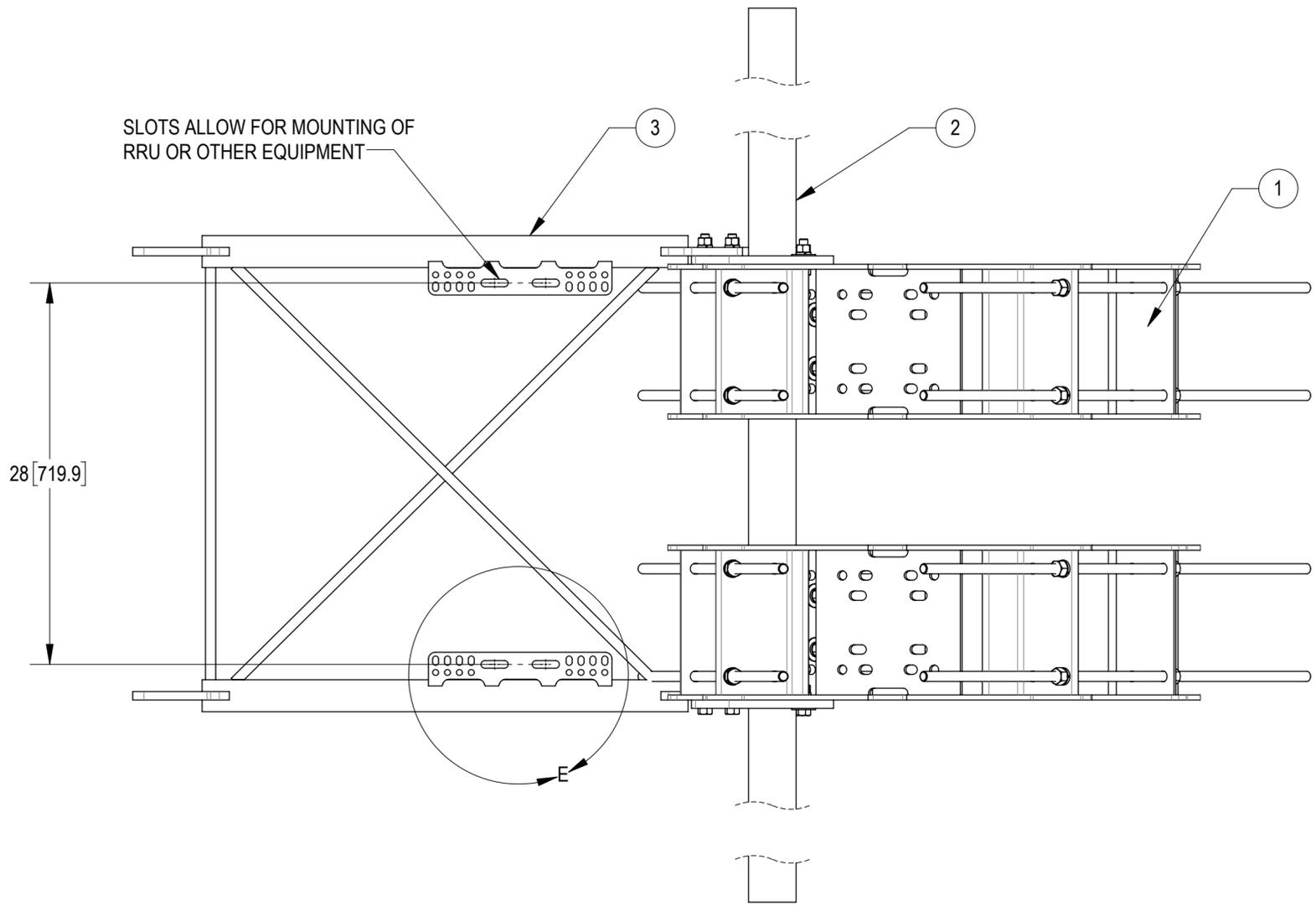
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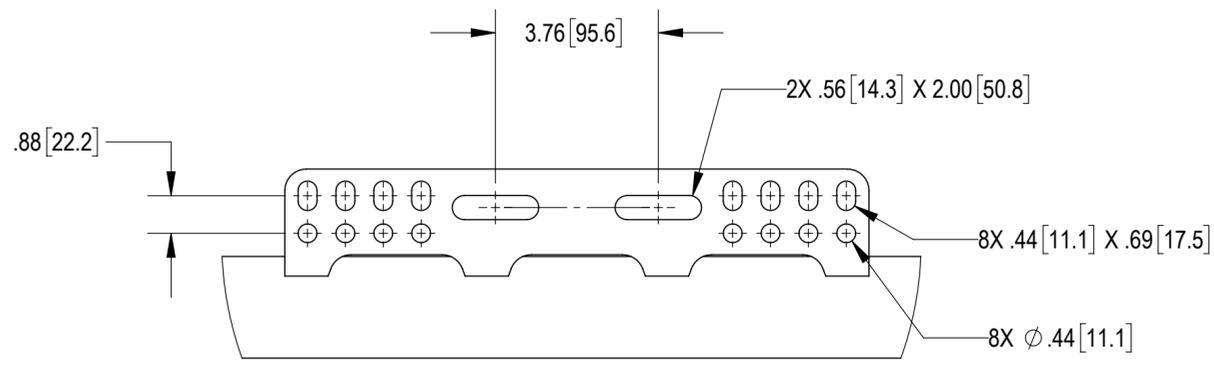
2

1

SLOTS ALLOW FOR MOUNTING OF RRU OR OTHER EQUIPMENT



SIDE VIEW



DETAIL E
SCALE 1 : 3

SOME ITEMS OMITTED FOR CLARITY



TITLE
PG,MP,SF,11'FP,(09)120"AP

SIZE C	SCALE 1:8	DOCUMENT NO. MCG22RHDX-11M9120
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	DRAWING			SHEET 5 OF 5
	VERSION 02	STATUS RE	REVISION C	

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