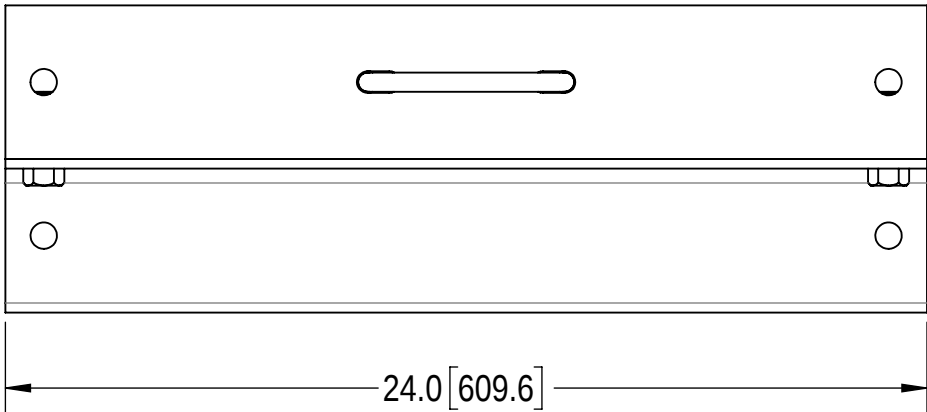
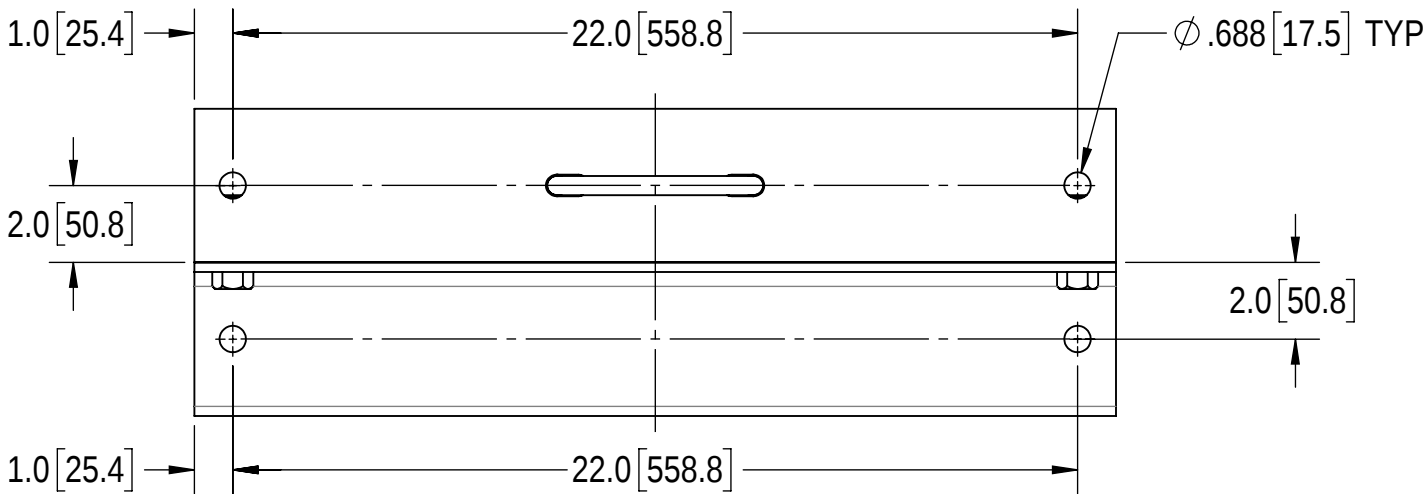
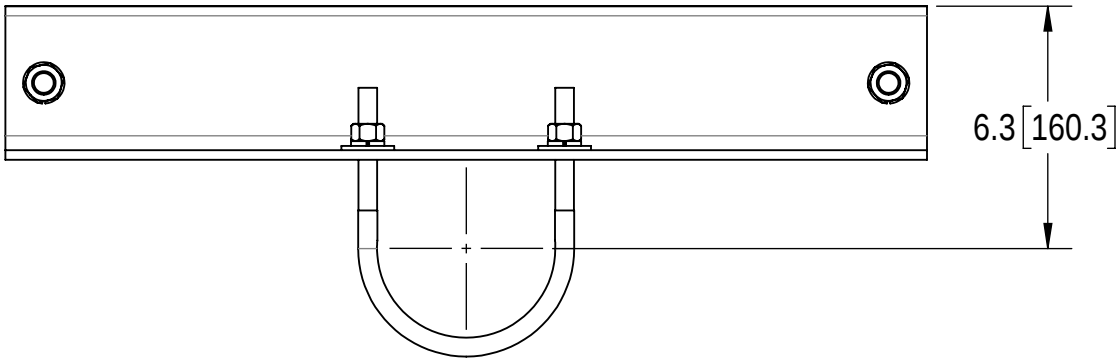
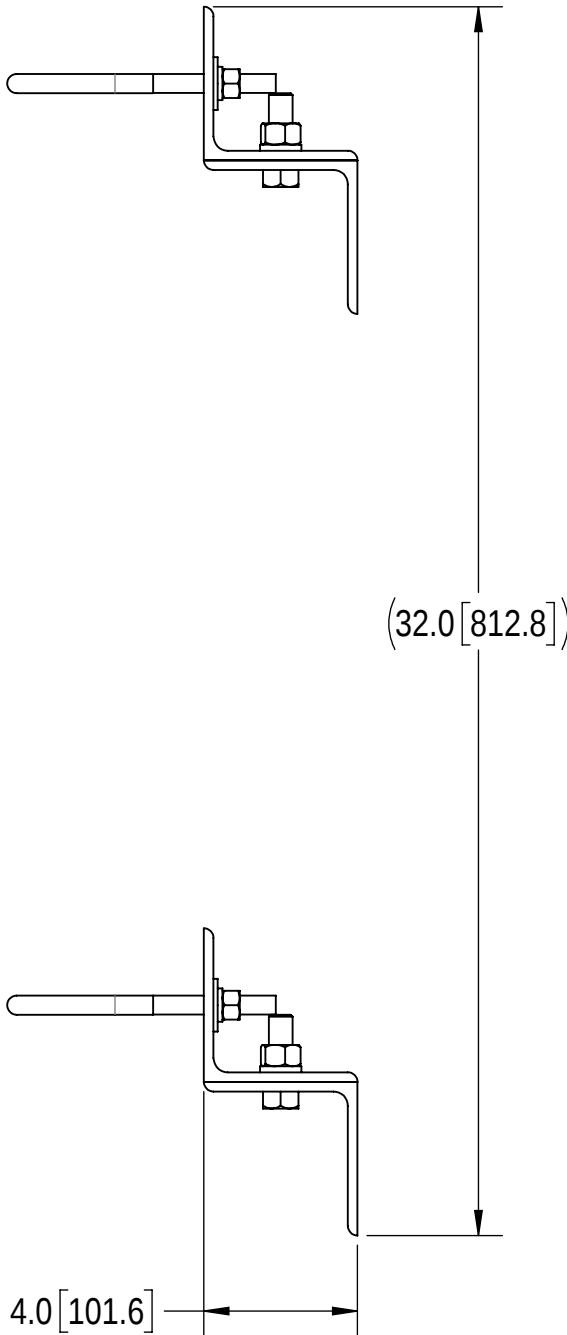


1.0 GENERAL NOTES
1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]
1.2 FOR PATENT INFO: <https://www.adwpat.com>
2.0 DESIGN NOTES
3.0 MANUFACTURING/SPECIAL REQUIREMENTS
3.1 TIGHTEN ALL BOLTS 3/8" OR LARGER SECURING FLAT PLATES SNUG TIGHT.
TIGHTEN ALL U-BOLTS/THREADED RODS SNUG TIGHT, WITH ATTENTION TO LEAVE EQUAL DISTANCE AND EQUAL FORCE ON EACH LEG OF U-BOLT/THREADED ROD.
3.2 SNUG TIGHT IS DEFINED AS THE CONDITION OBTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN INSTALLER USING AN ORDINARY SPUD WRENCH TO BRING THE CONNECTED LAYERS (PLIES) OF STEEL INTO FULL CONTACT.
3.3 FOR BOLTS IN A PATTERN, TIGHTEN IN A CRISS-CROSS OR STAR SEQUENCE, INCREASING TORQUE IN GRADUAL STEPS UNTIL SNUG TIGHT.
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



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

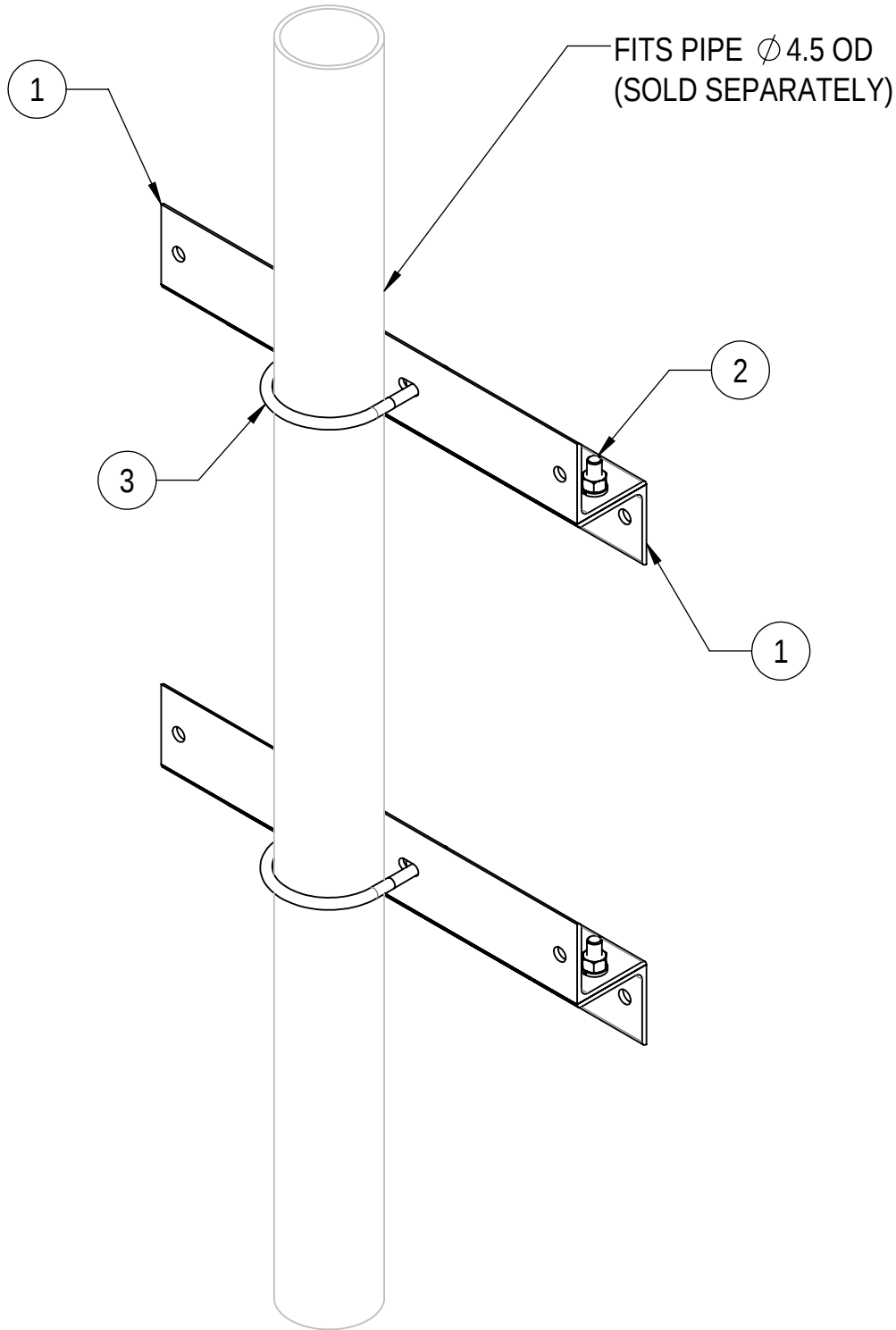
ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT	NOTE NO.
1	WMA31201	WMA312 ANGLE	4	12.94 LBS	
2	GB-05205	5/8" X 2" GALV BOLT KIT	4	0.26 LBS	
3	GUB-4456	1/2" X 4-5/8" X 6-1/2" GALV U-BOLT	2	0.90 LBS	



DENSITY	MASS	55.43	lbs/in³
	VOLUME	196.65	lbs
	SURFACE AREA	1637.93	in³
	HEIGHT	32.0"	in²
	LENGTH	24.0"	
	WIDTH	9.1"	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	MSM 09JUL09	TP
B	UPDATED DRAWING FORMAT TO NEW	JJ1095 25FEB26	BA1025 50107202AMO





ANDREW® an Amphenol company

TOLERANCES		SAP MATERIAL MASTER						
1 PLACE .X[X] ± 0.12[3.0]	3 PLACE .XXX[X] ± 0.030[0.8]	WMA412						
2 PLACE .XX[X] ± 0.06[1.5]	ANGLES ± 2°							
FINISH		MATERIAL						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994		NAME	DATE	TITLE WALL MOUNT FOR 4-1/2" OD PIPES				
		CE MSM	07/09/2009					
		RW JJ1095	02/27/2026					
		AD YMENG	02/27/2026					
		RE YMENG	03/04/2026					
ECN 50107202AMO		SCALE 1:5		DOCUMENT NO. WMA412				
SIZE	Auth Group	INSL	MODEL		DRAWING		SHEET 1 OF 1	
C			VERSION	STATUS	REVISION	VERSION		STATUS
			01	RE	B	01	RE	B

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