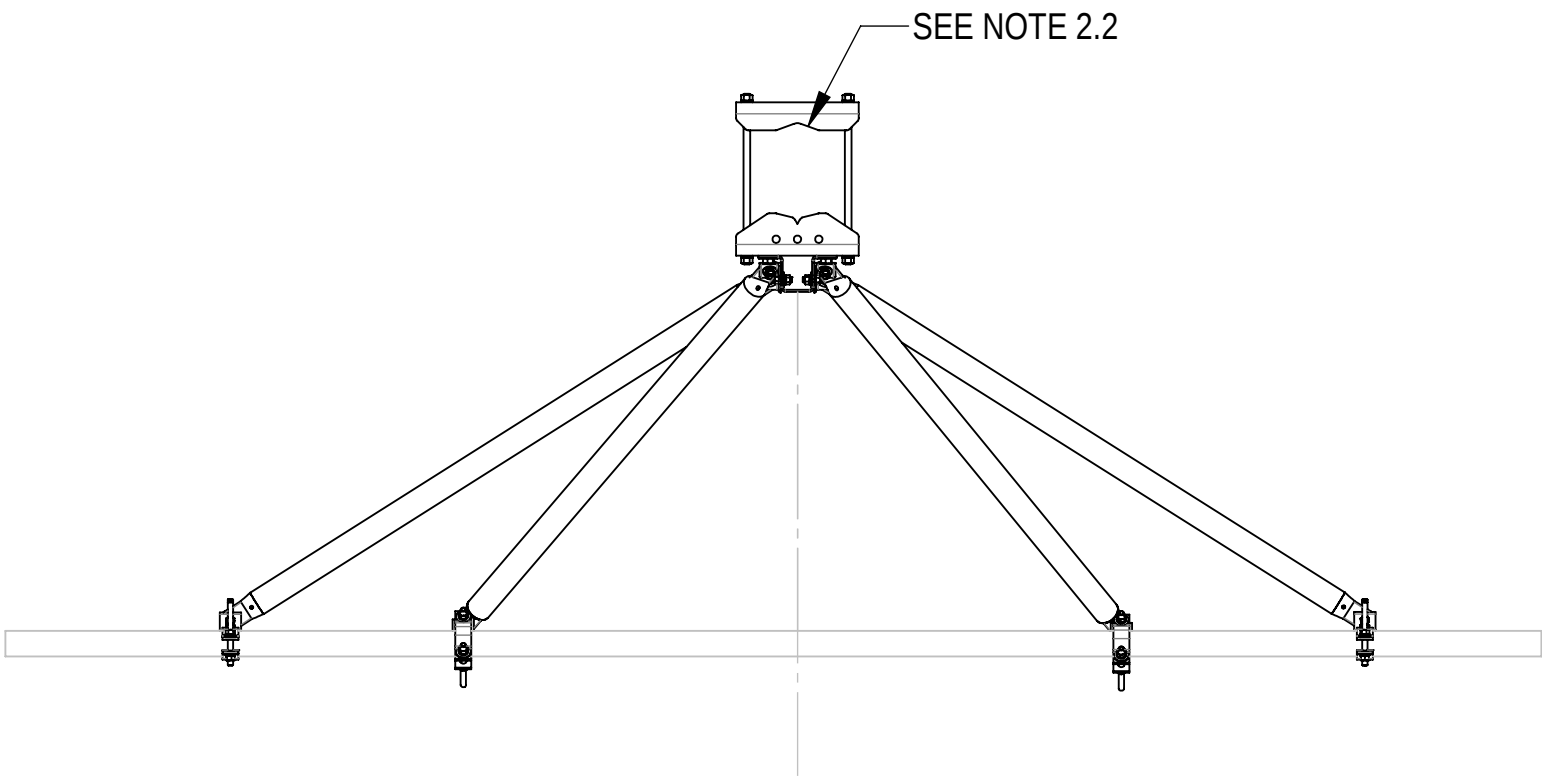
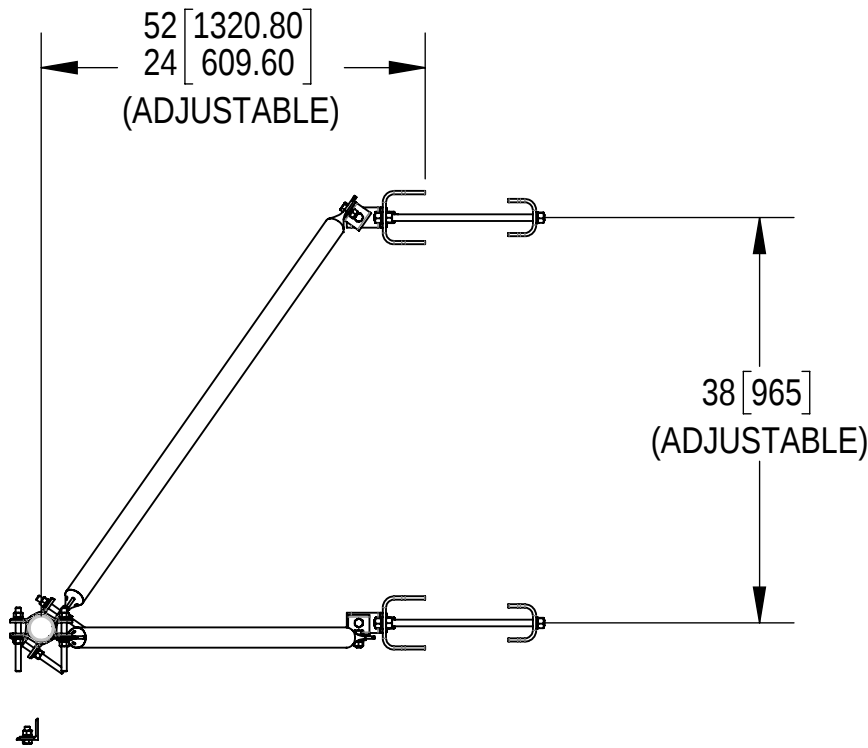
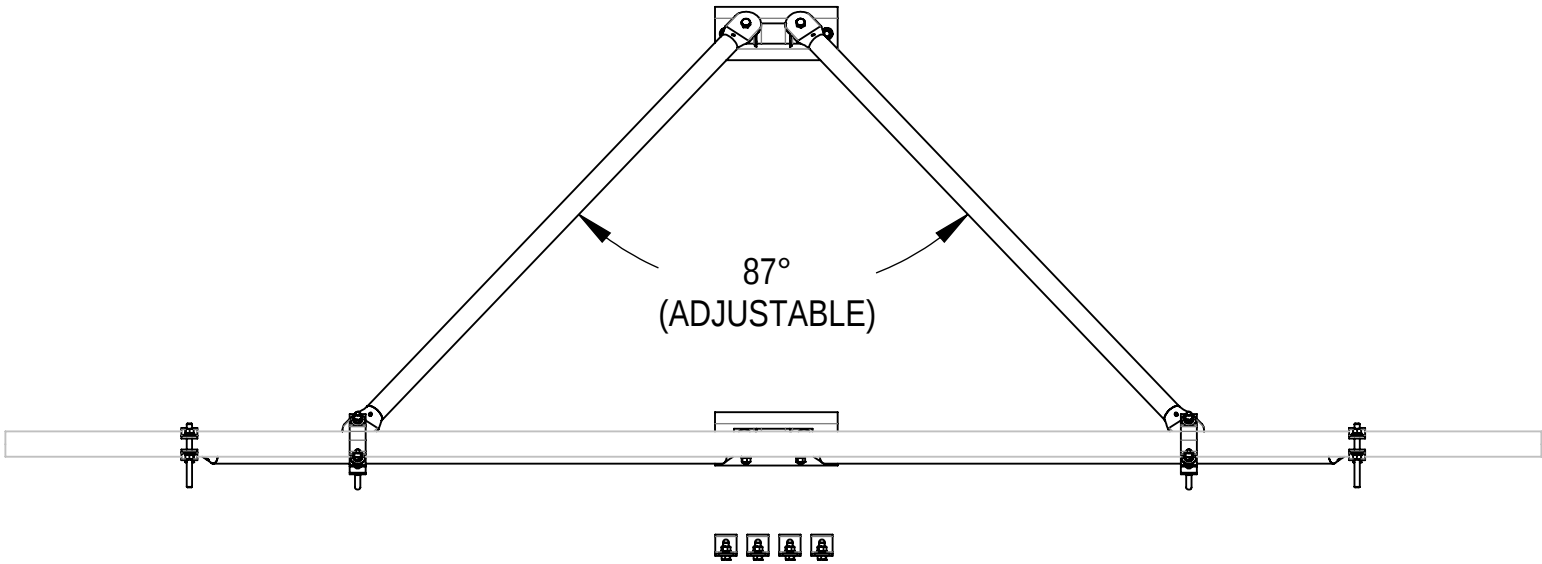


- 1.0 GENERAL NOTES
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]
- 1.2 FOR PATENT INFO: <https://www.adwpat.com>
- 2.0 DESIGN NOTES
- 2.1 ANY HAZARDS OR OBSTRUCTIONS TO THE CLIMBING FACILITY AND SAFETY CLIMB MUST BE IDENTIFIED PRIOR TO INSTALLING THE APPURTENANCE. ADDITIONAL PRODUCTS MAY BE REQUIRED 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 TOWER LEGS 8" OD, 8" ANGLE 60° AND 6" ANGLE 90°
- 2.3 ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. ALL CONNECTIONS ARE ADJUSTABLE. FINAL INSTALLED APPLICATION DICATIONS FINISHED DIMENSIONS.
- 3.0 MANUFACTURING/SPECIAL REQUIREMENTS
- 3.1 TIGHTEN ALL BOLTS 3/8" OR LARGER SECURING FLAT PLATES SNUG TIGHT. TIGHTEN ALL THREADED RODS SNUG TIGHT, WITH ATTENTION TO LEAVE EQUAL DISTANCE AND EQUAL FORCE ON EACH LEG OF 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.
- 3.4 TORQUE HARDWARE TO 60 FT-LBS
- 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	QDL 09/26/17	8000026456
B	MTC3932-0063 WAS MTC393213	RJC 7/9/2021	11410PC
C	UPDATED DRAWING TO NEW FORMAT	RY1002 23JAN26	BA1025 50106729AMO



UP TO ±30° AZIMUTH ADJUSTMENT OFF APEX



DENSITY		lbs/in³
MASS	113.52	lbs
VOLUME	524.92	in³
SURFACE AREA	6608.38	in²
HEIGHT		
LENGTH		
WIDTH		



TOLERANCES

0 PLACE X[X] ± 0.25[6.4] 2 PLACE .XX[X] ± 0.06[1.5]

1 PLACE .X[X] ± 0.12[3.0] ANGLES ± 2°

SAP MATERIAL MASTER

VSRDUAL-TS-B-HD

FINISH

MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994

	NAME	DATE	TITLE
CE	RJC	07/09/21	UNIVERSAL REINFORCEMENT KIT SCTR FRM HD
RW	RY1002	01/26/2026	
AD	YMENG	01/29/2026	
RE	YMENG	02/10/2026	
ECN	50106729AMO		

SCALE

1:18

DOCUMENT NO.

VSRDUAL-TS-B-HD

SIZE	Auth Group	INSL	MODEL			DRAWING			SHEET
C			VERSION	STATUS	REVISION	VERSION	STATUS	REVISION	
			02	RE	C	01	RE	C	1 OF 3

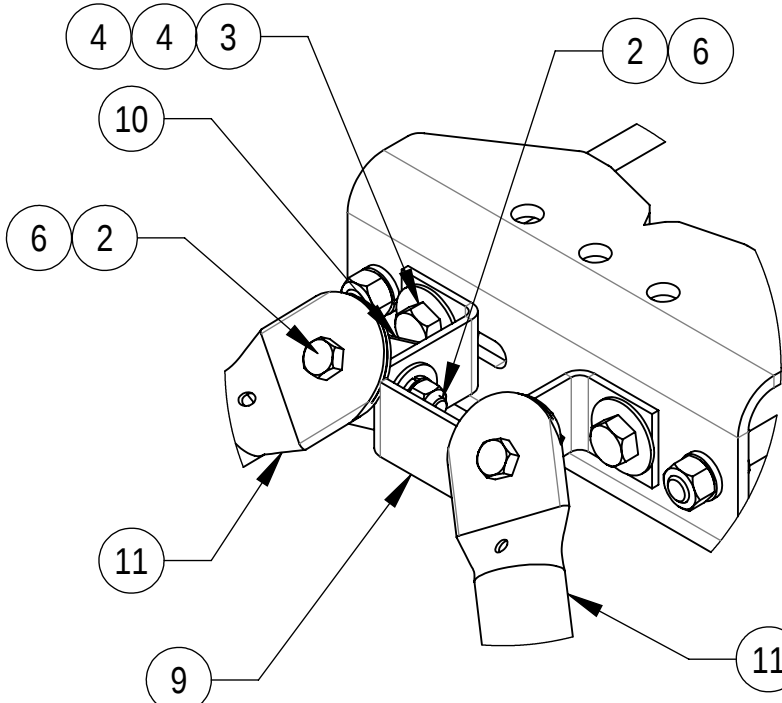
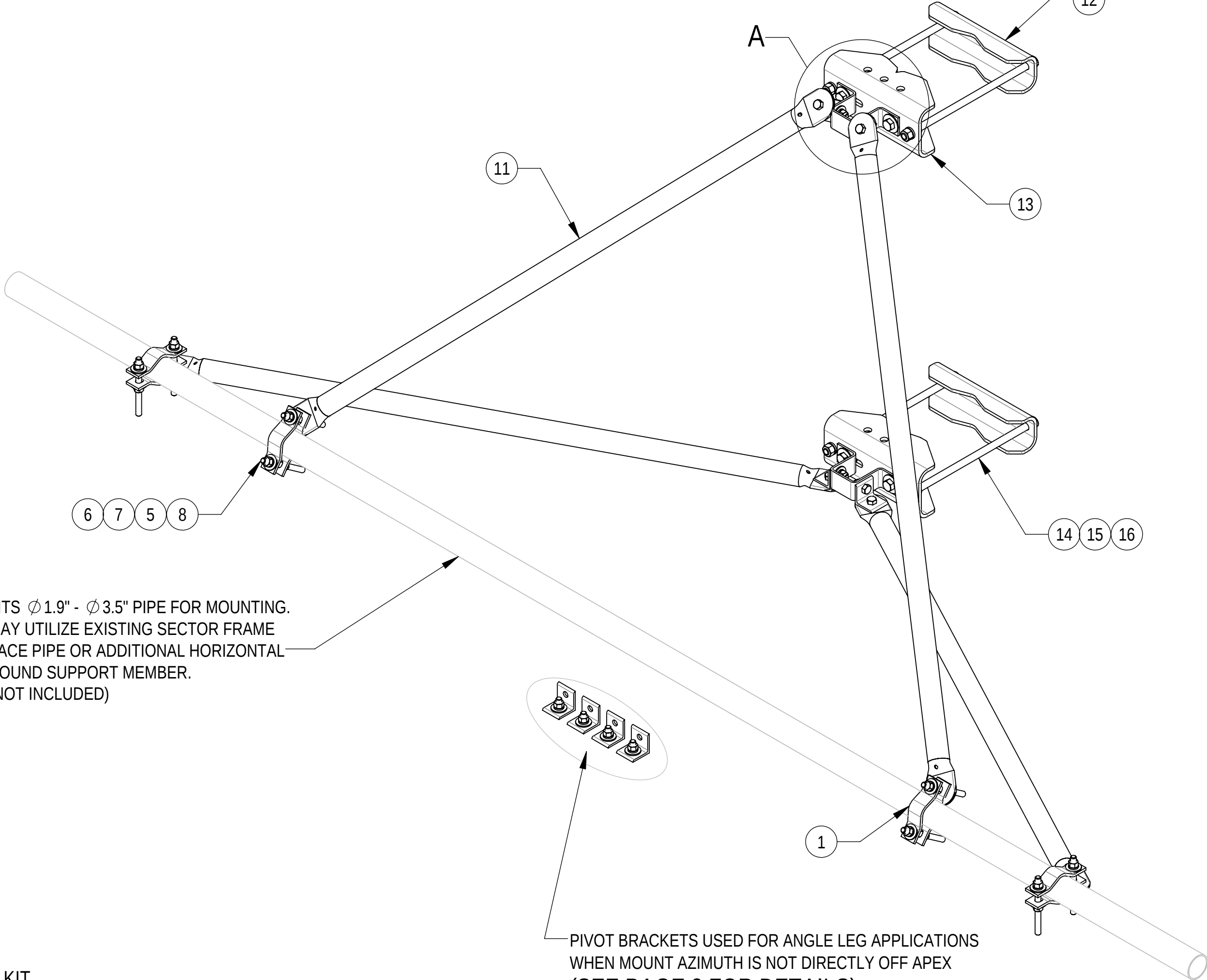
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 FITS $\varnothing$ 1.9" - $\varnothing$ 3.5" PIPE FOR MOUNTING. MAY UTILIZE EXISTING SECTOR FRAME FACE PIPE OR ADDITIONAL HORIZONTAL ROUND SUPPORT MEMBER. (NOT INCLUDED) PIVOT BRACKETS USED FOR ANGLE LEG APPLICATIONS WHEN MOUNT AZIMUTH IS NOT DIRECTLY OFF APEX <u>(SEE PAGE 3 FOR DETAILS)</u>																																																																																																											
COMPONENT PART NUMBERS PROVIDED FOR ASSEMBLY PURPOSES; INDIVIDUAL COMPONENTS MAY BE SHIPPED AS PARTS WITHIN AN INCLUDED KIT. <table><tr><th>ITEM</th><th>PART NO.</th><th>DESCRIPTION</th><th>QTY.</th><th>WEIGHT</th><th>NOTE NO.</th></tr><tr><td>1</td><td>ACP10</td><td>1.5" - 3.5" O.D. CLAMP HALF</td><td>8</td><td>0.61 LBS</td><td></td></tr><tr><td>2</td><td>GB-04125</td><td>1/2" X 1-1/4" GALV BOLT KIT</td><td>12</td><td>0.12 LBS</td><td></td></tr><tr><td>3</td><td>GB-05165</td><td>5/8" X 1-3/4" GALV BOLT KIT</td><td>4</td><td>0.24 LBS</td><td></td></tr><tr><td>4</td><td>GWF-05</td><td>5/8" GALV FLAT WASHER, 1.7OD</td><td>8</td><td>0.06 LBS</td><td></td></tr><tr><td>5</td><td>GN-04</td><td>1/2" GALV HEX NUT</td><td>16</td><td>0.04 LBS</td><td></td></tr><tr><td>6</td><td>GWF-04</td><td>1/2" GALV FLAT WASHER</td><td>28</td><td>0.04 LBS</td><td></td></tr><tr><td>7</td><td>GWL-04</td><td>1/2" GALV LOCK WASHER</td><td>16</td><td>0.01 LBS</td><td></td></tr><tr><td>8</td><td>MT-379-6</td><td>1/2" X 6" GALV THREADED ROD</td><td>8</td><td>0.33 LBS</td><td></td></tr><tr><td>9</td><td>MTC393210</td><td>BRACKET, PIVOT ATTACHMENT</td><td>2</td><td>1.24 LBS</td><td></td></tr><tr><td>10</td><td>MTC393211</td><td>BRACKET, PIVOT</td><td>8</td><td>0.37 LBS</td><td></td></tr><tr><td>11</td><td>MTC3932-0063</td><td>ARM, 62" SUPPORT, 1.9" OD; SCH 40</td><td>4</td><td>13.51 LBS</td><td></td></tr><tr><td>12</td><td>MTC397521</td><td>CLAMP, BACK</td><td>2</td><td>6.94 LBS</td><td></td></tr><tr><td>13</td><td>MTC397522</td><td>CLAMP, FRONT MOUNTING</td><td>2</td><td>10.02 LBS</td><td></td></tr><tr><td>14</td><td>MT-382-16</td><td>5/8" X 16" GALV THREADED ROD</td><td>4</td><td>1.38 LBS</td><td></td></tr><tr><td>15</td><td>GWL-05</td><td>5/8" GALV LOCK WASHER</td><td>8</td><td>0.03 LBS</td><td></td></tr><tr><td>16</td><td>GN-05</td><td>5/8" GALV HEX NUT</td><td>12</td><td>0.08 LBS</td><td></td></tr></table>						ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT	NOTE NO.	1	ACP10	1.5" - 3.5" O.D. CLAMP HALF	8	0.61 LBS		2	GB-04125	1/2" X 1-1/4" GALV BOLT KIT	12	0.12 LBS		3	GB-05165	5/8" X 1-3/4" GALV BOLT KIT	4	0.24 LBS		4	GWF-05	5/8" GALV FLAT WASHER, 1.7OD	8	0.06 LBS		5	GN-04	1/2" GALV HEX NUT	16	0.04 LBS		6	GWF-04	1/2" GALV FLAT WASHER	28	0.04 LBS		7	GWL-04	1/2" GALV LOCK WASHER	16	0.01 LBS		8	MT-379-6	1/2" X 6" GALV THREADED ROD	8	0.33 LBS		9	MTC393210	BRACKET, PIVOT ATTACHMENT	2	1.24 LBS		10	MTC393211	BRACKET, PIVOT	8	0.37 LBS		11	MTC3932-0063	ARM, 62" SUPPORT, 1.9" OD; SCH 40	4	13.51 LBS		12	MTC397521	CLAMP, BACK	2	6.94 LBS		13	MTC397522	CLAMP, FRONT MOUNTING	2	10.02 LBS		14	MT-382-16	5/8" X 16" GALV THREADED ROD	4	1.38 LBS		15	GWL-05	5/8" GALV LOCK WASHER	8	0.03 LBS		16	GN-05	5/8" GALV HEX NUT	12	0.08 LBS	
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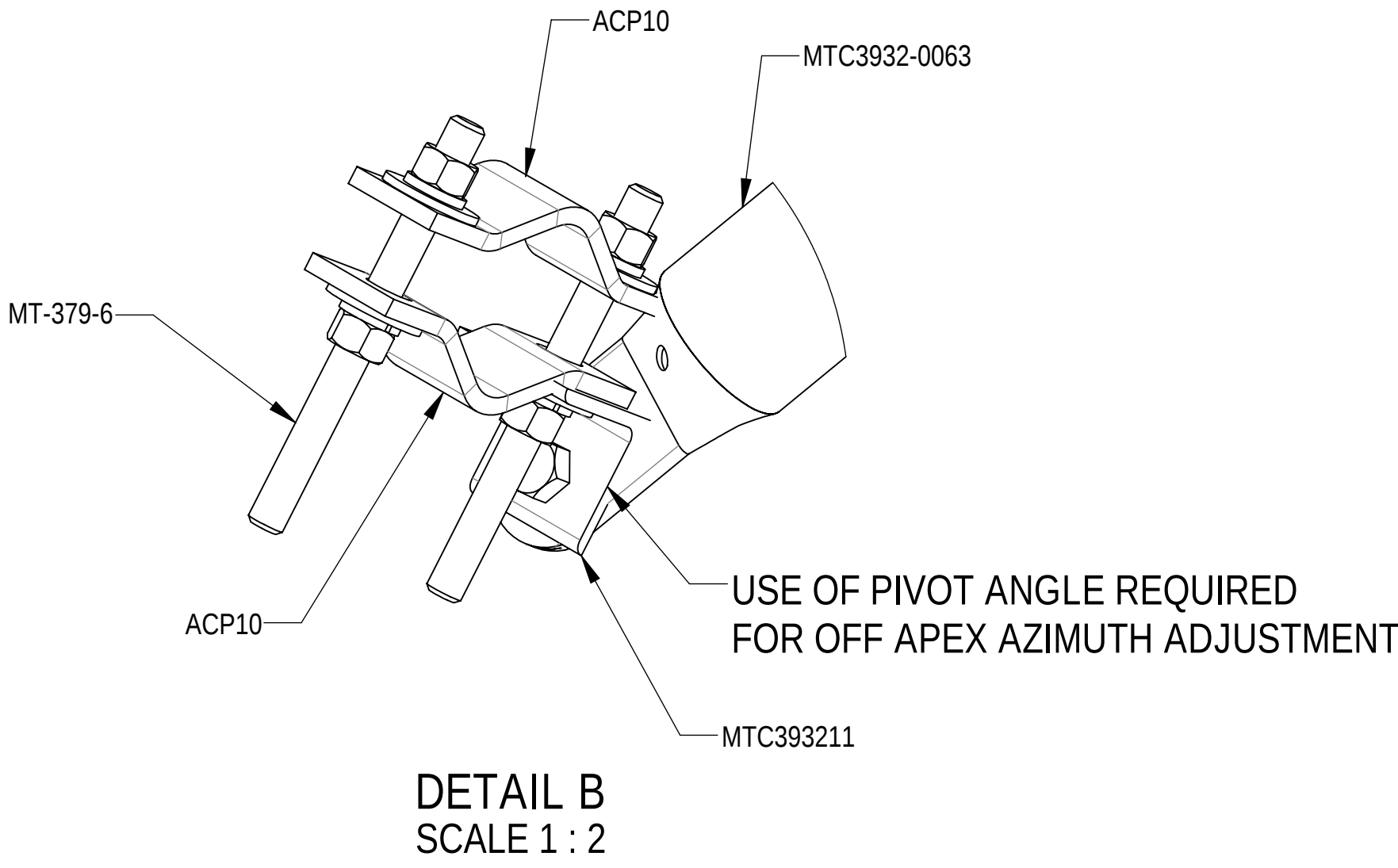
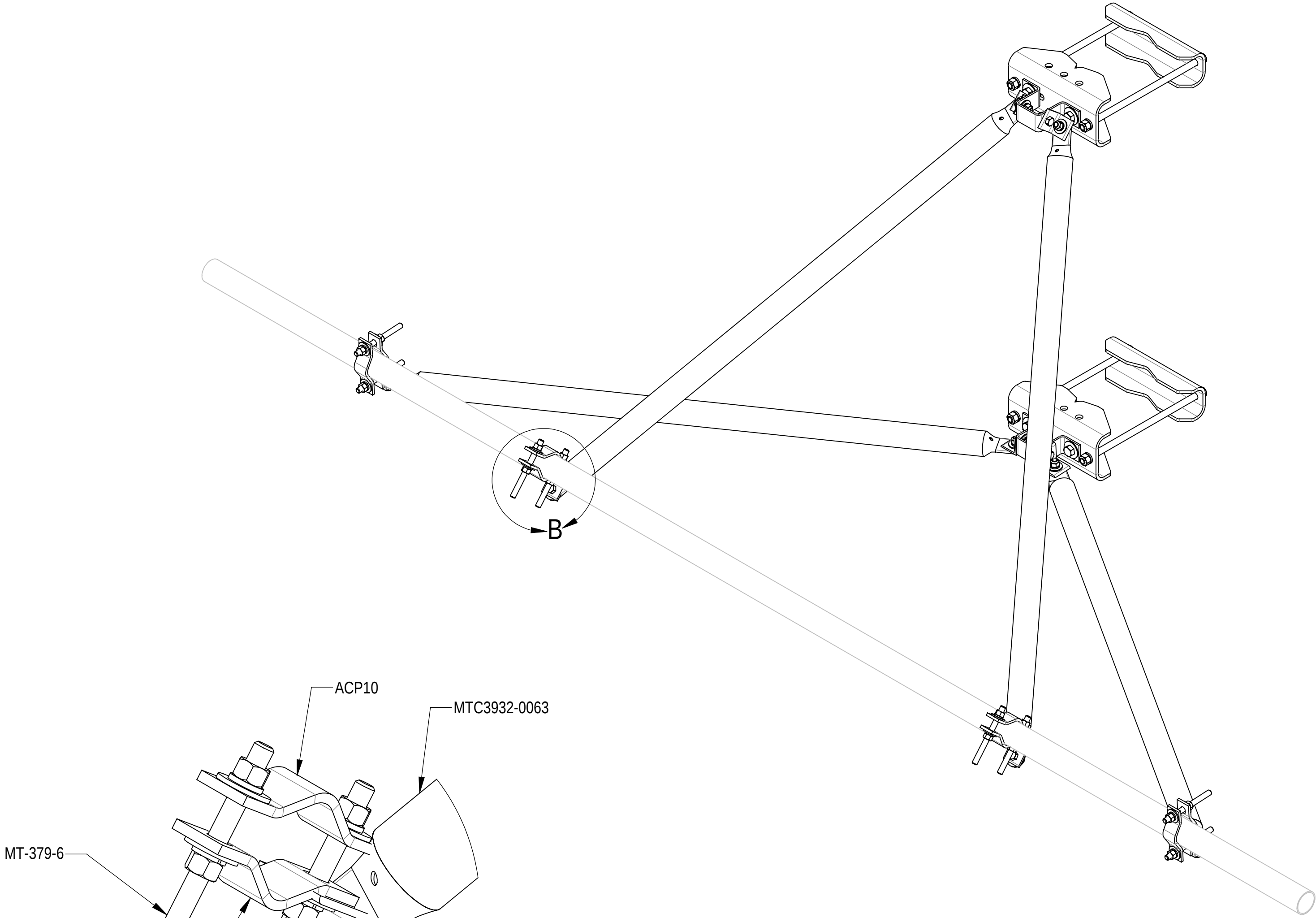


TITLE
UNIVERSAL REINFORCEMENT KIT SCTR FRM HD

SIZE C	SCALE 1:8	DOCUMENT NO. VSRDUAL-TS-B-HD	
 		DRAWING VERSION 01	STATUS RE
		REVISION C	SHEET 2 OF 3

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UP TO ±30° OFF APEX AZIMUTH ADJUSTMENT WHEN
USING SUPPLIED PIVOT ANGLES ON FACE MOUT CLAMPS.



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TITLE
UNIVERSAL REINFORCEMENT KIT SCTR FRM HD

SIZE C	SCALE 1:8	DOCUMENT NO. VSRDUAL-TS-B-HD		
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DRAWING			SHEET 3 OF 3
VERSION	STATUS	REVISION	
01	RE	C	