

4

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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.cs-pat.com>
- 2.0 DESIGN NOTES
- 2.1 ANTENNAS MUST BE POSITIONED EQUALLY SPACED VERTICALLY BETWEEN SPAN OF FACE MOUNTS.

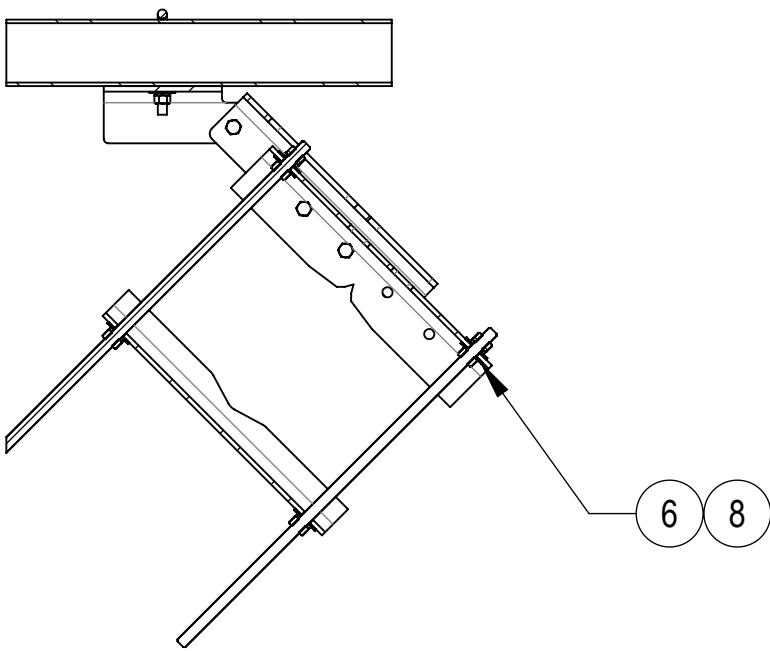
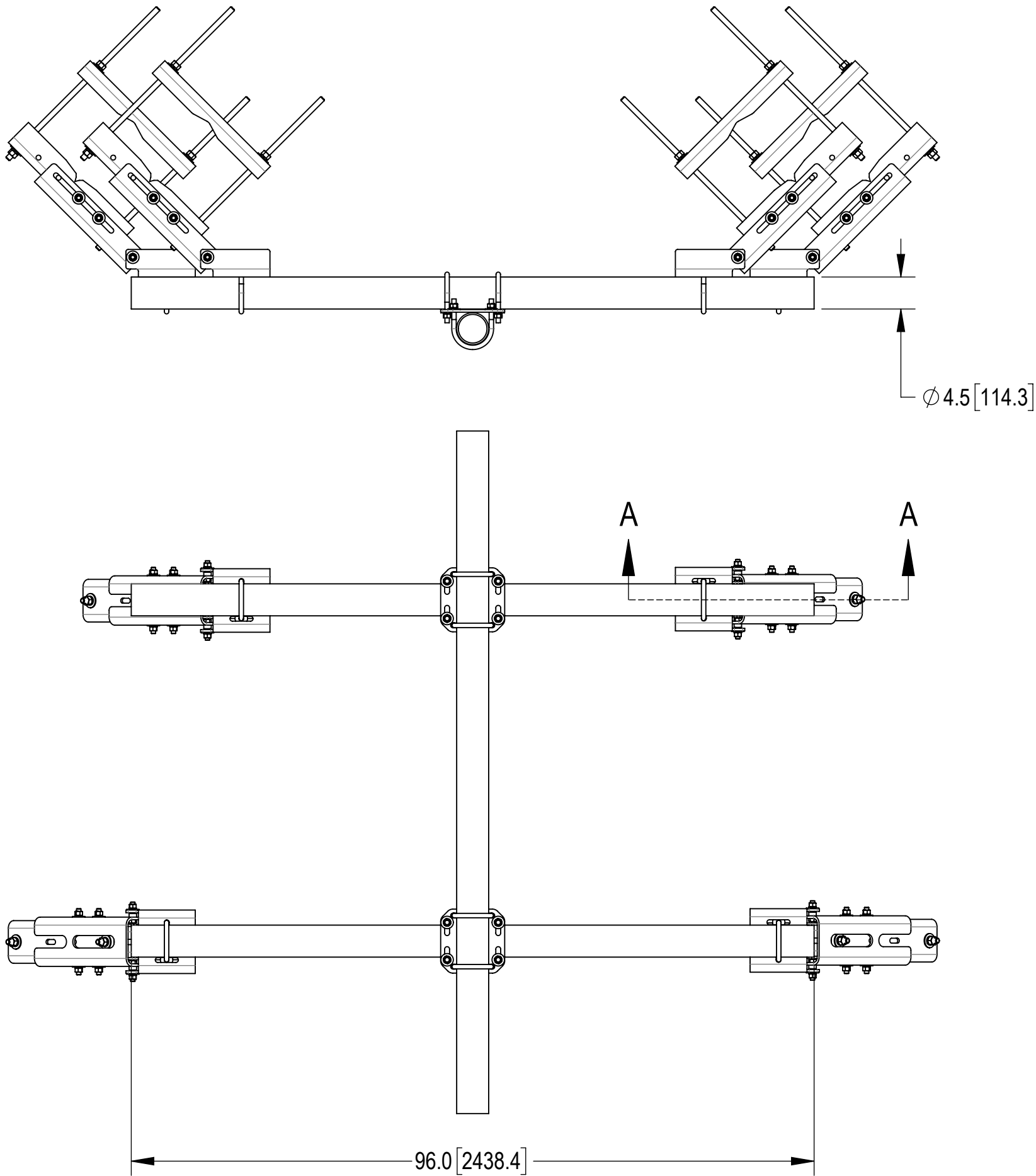
3.0 MANUFACTURING/SPECIAL REQUIREMENTS

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 COMMSCOPE REQUIREMENTS PER DOCUMENT IS-PL-3005

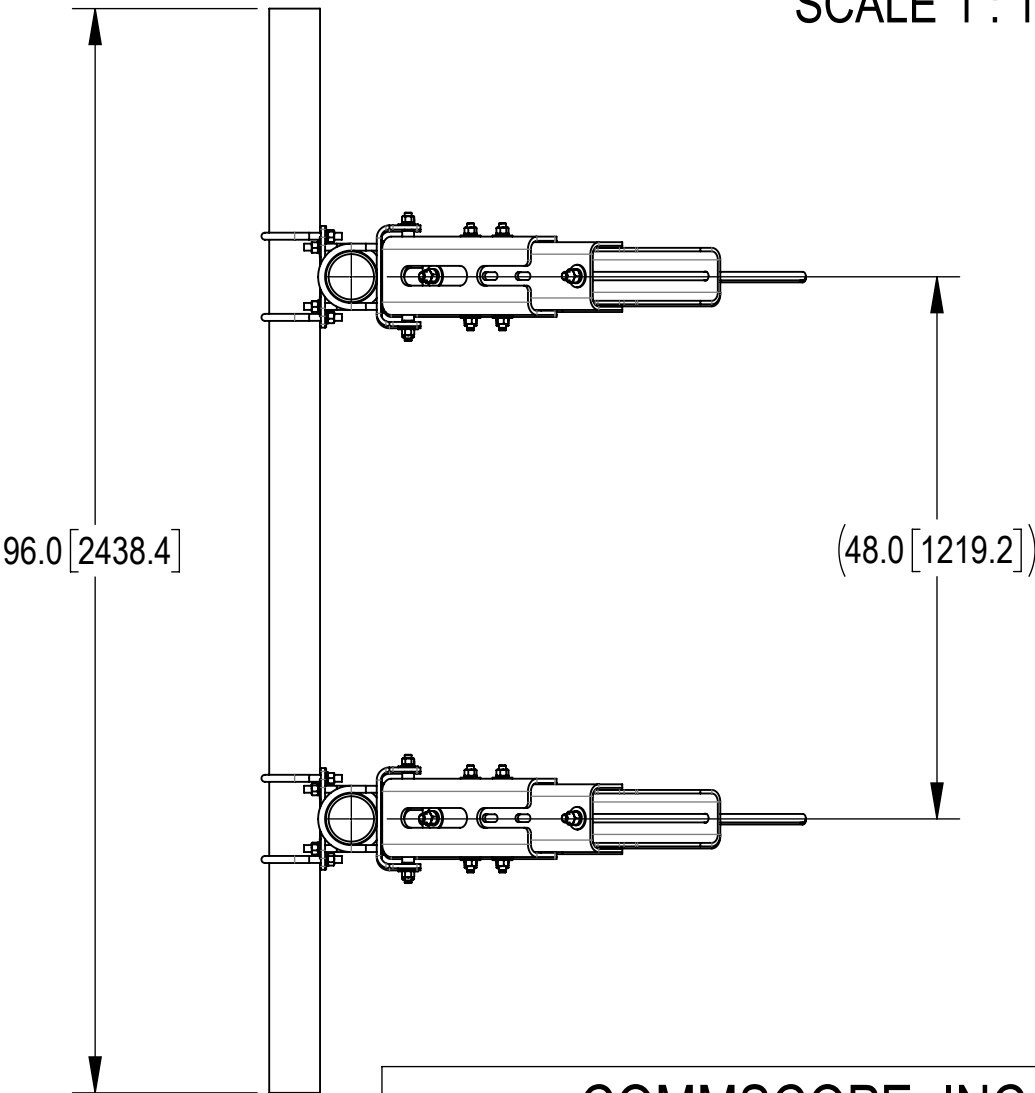
5.2 PRINTED DOCUMENT TO BE PLACED INSIDE POLYBAG AND THEN IN SHIPPING CONTAINER

5.3 EXTRA HARDWARE MAY BE SUPPLIED, BAGGED AND SHIPPED

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
C	TFL-M4-8 WAS SEPARATED FROM TFL-M SERIES	NSUN 12MAR25	BA1025 50101839AMO



SECTION A-A
SCALE 1 : 13



DENSITY	MASS	633.87	lbs/in³
	VOLUME	2240.56	lbs
			in³
	SURFACE AREA	16609.00	in²
	HEIGHT	96"	
	LENGTH	130"	
	WIDTH	48"	

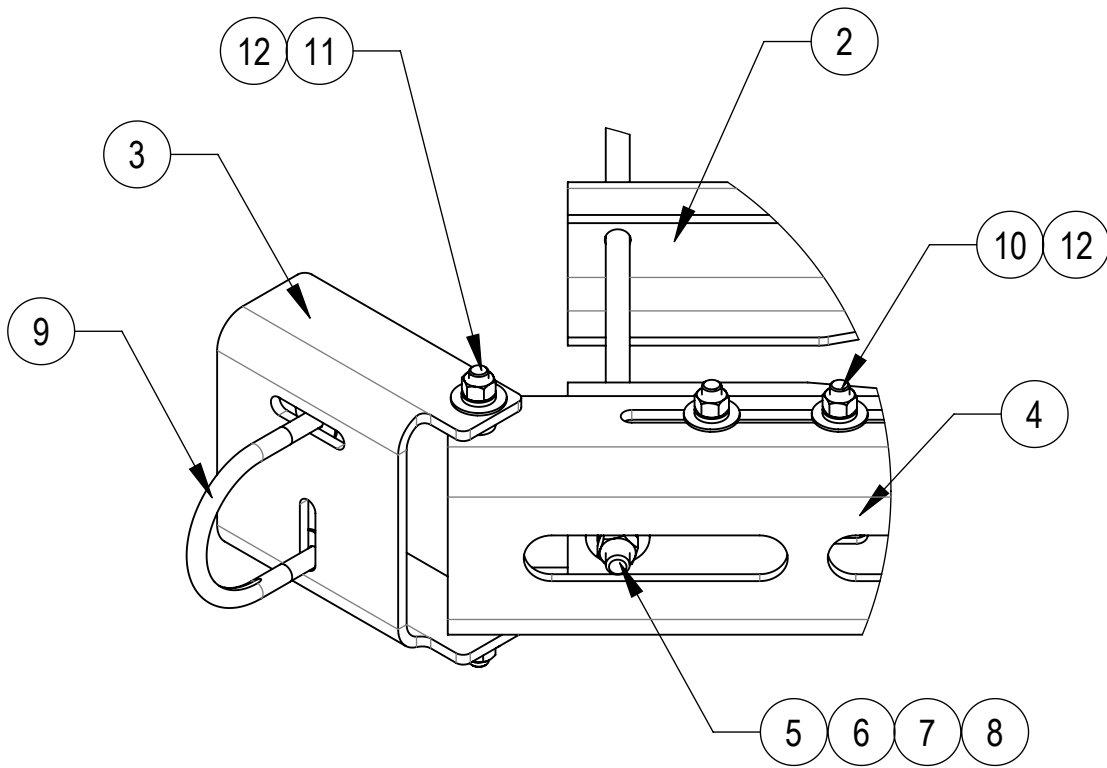
COMMSCOPE, INC. OF NORTH CAROLINA									
TOLERANCES					SAP MATERIAL MASTER				
1 PLACE .X[X.] ± 0.12[3.0]			3 PLACE .XXX[X.] ± 0.030[0.8]		TFL-M4-8				
2 PLACE .XX[X.] ± 0.06[1.5]			ANGLES ± 2°						
FINISH				MATERIAL					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994		NAME	DATE	TITLE					
	CE	NSUN	12MAR25	TOWER FACE MOUNT, 4-1/2" X 8' PIPE					
	RW	NSUN	03/12/2025						
	AD	YMENG	03/12/2025	SCALE 1:16 DOCUMENT NO. TFL-M4-8					
	RE	NSUN	03/12/2025						
	ECN 50101839AMO								
SIZE	Auth Group	INSL	MODEL			DRAWING			SHEET 1 OF 3
C			VERSION	STATUS	REVISION	VERSION	STATUS	REVISION	
			00	RE	B	00	RE	C	

D

C

B

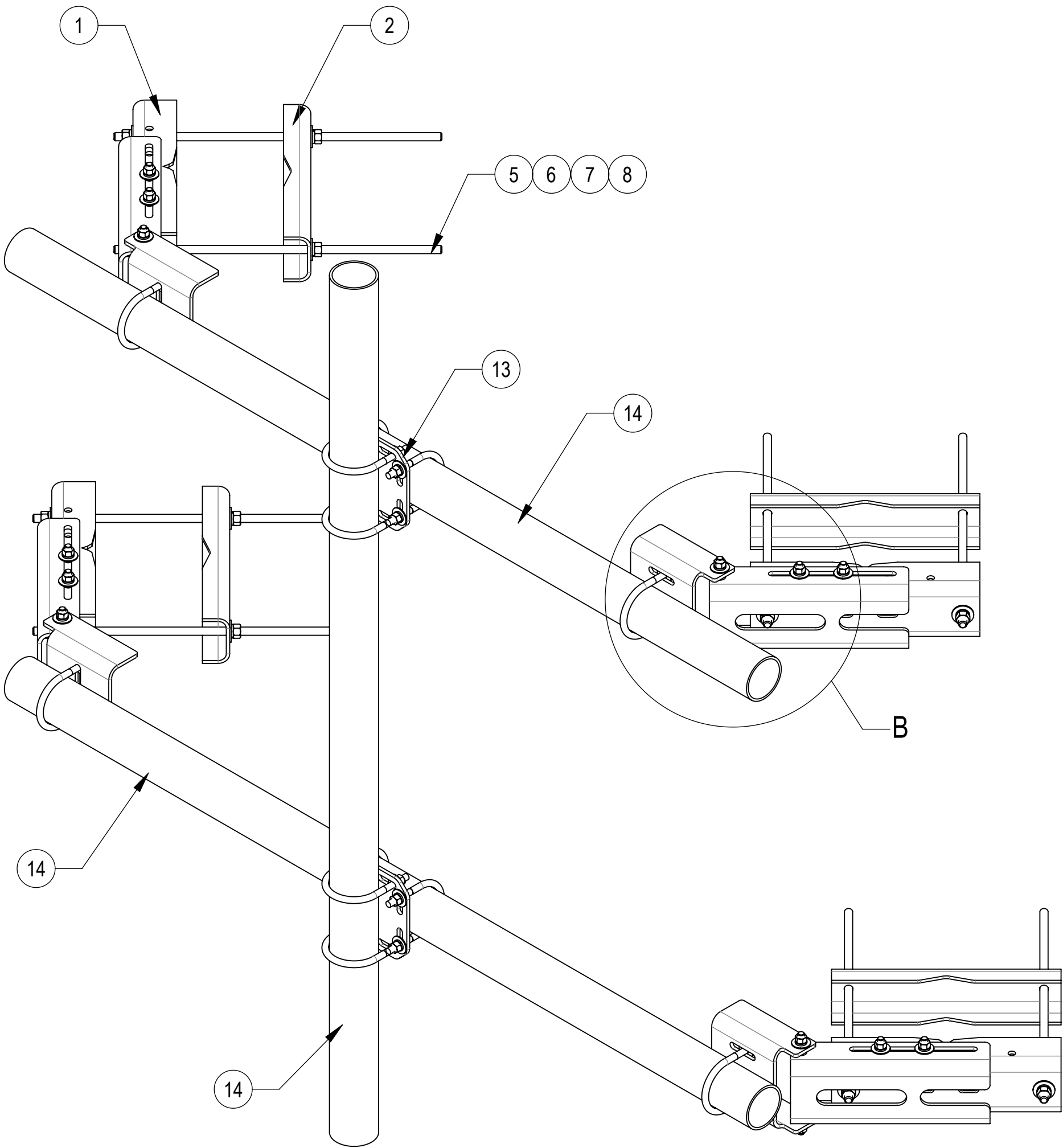
A



DETAIL B
SCALE 1 : 6

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	SMU201601	LARGE SADDLE MOUNT, 16" TOWER LEG	4	22.42 LBS	
2	SMU201602	CLAMP PLATE	4	15.48 LBS	
3	MTC987203	CHANNEL PIVOT BRACKET 4-1/2" PIPE	4	13.31 LBS	
4	MTC987208	TF-M FACE BRACKET WELDMENT	4	21.03 LBS	
5	MT38430B7	3/4" X 30" GALV THREADED ROD, GRADE B7	8	3.73 LBS	
6	GWf-06	3/4" GALV FLAT WASHER	24	0.10 LBS	
7	GWl-06	3/4" GALV LOCK WASHER	16	0.04 LBS	
8	GN-06	3/4" GALV HEX NUT	24	0.15 LBS	
9	GUB-5456	5/8" X 4-5/8" X 6½" GALV U-BOLT	4	1.43 LBS	
10	GB-0520A	5/8" X 2" GALV BOLT KIT (A325)	16	0.26 LBS	
11	GB-0524A	5/8" X 2-1/2" GALV BOLT KIT (A325)	8	0.30 LBS	
12	GWf-05	5/8" GALV FLAT WASHER, 1.70D	24	0.06 LBS	
13	XP-4040	CROSSOVER PLATE KIT, 4-1/2 OD X 4-1/2 OD	2	13.97 LBS	
14	MT-654-96	4.5" O.D. X 96" PIPE	3	87.67 LBS	

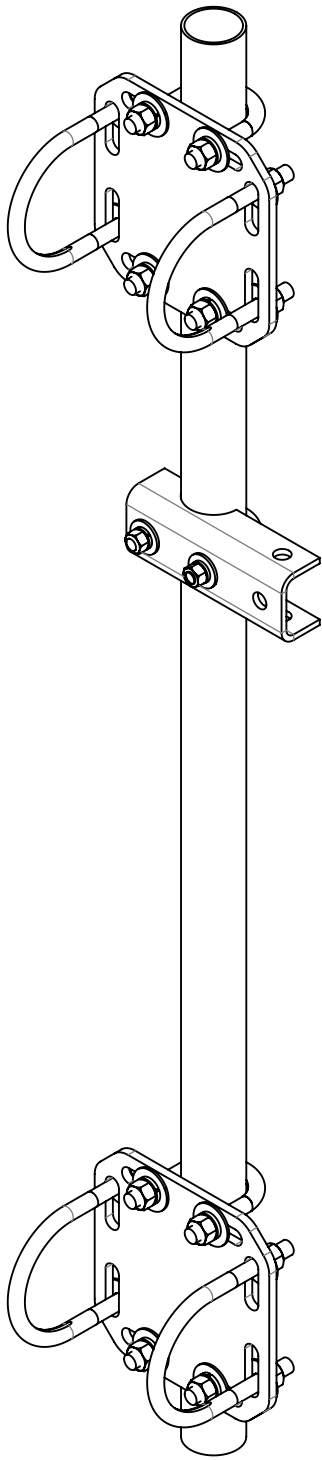


COMMScope, INC. OF NORTH CAROLINA				
TITLE TOWER FACE MOUNT, 4-1/2" X 8' PIPE				
SIZE C	SCALE 1:16	DOCUMENT NO. TFL-M4-8		
 		DRAWING		
		VERSION 00	STATUS RE	REVISION C
SHEET 2 OF 3				

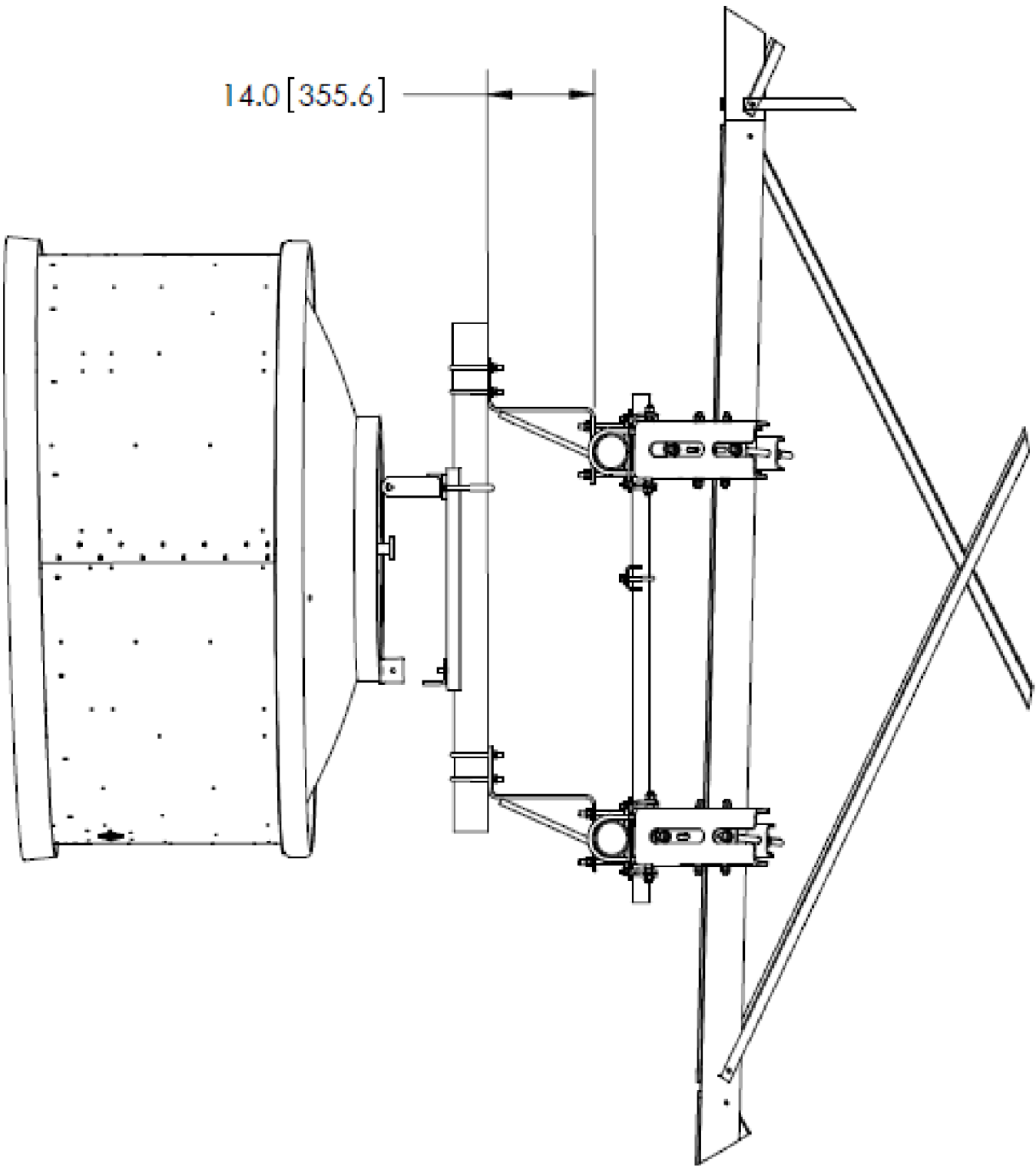
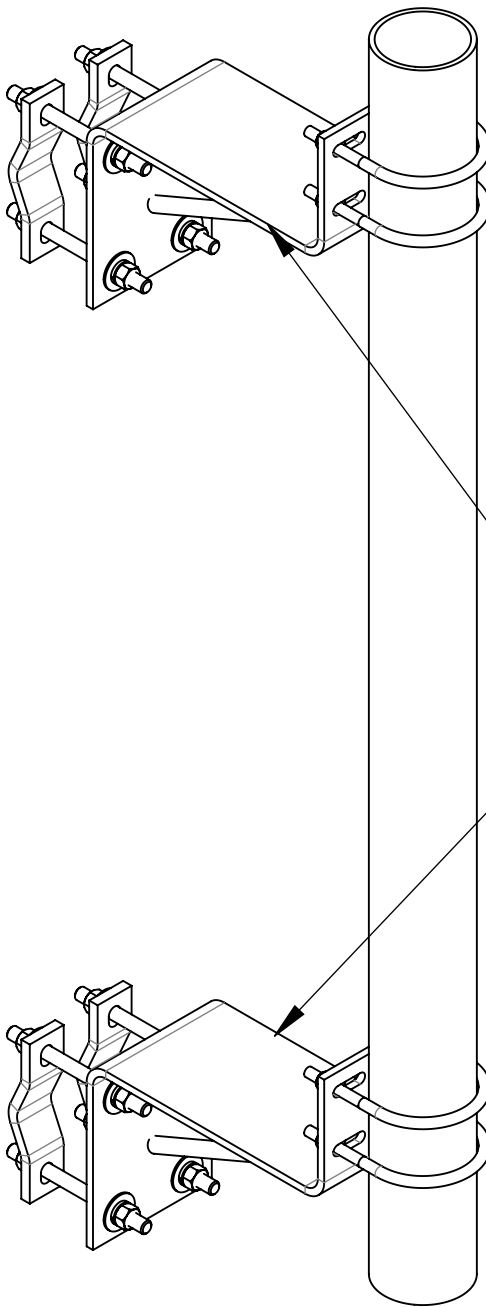
DISH DIAMETER TO TOWER FACE MOUNT CHART

	TOWER FACE MOUNT						
DISH DIAMETER	2' (0.6m)	4' (1.2m)	6' (1.8m)	8' (2.4m)	10' (3.1m)	12' (3.7m)	15' (4.6m)
TFL-M4-8	X	X	X	X	X	-	X

OPTIONAL TF-MSS-4
TOWER FACE MOUNT STRUT SUPPORTS



OPTIONAL TF-ST
TOWER FACE MOUNT STAND-OFF



COMMScope, INC. OF NORTH CAROLINA						
TITLE TOWER FACE MOUNT, 4-1/2" X 8' PIPE						
SIZE C	SCALE 1:12	DOCUMENT NO. TFL-M4-8				
 		DRAWING			SHEET 3 OF 3	
		VERSION 00	STATUS RE	REVISION C		