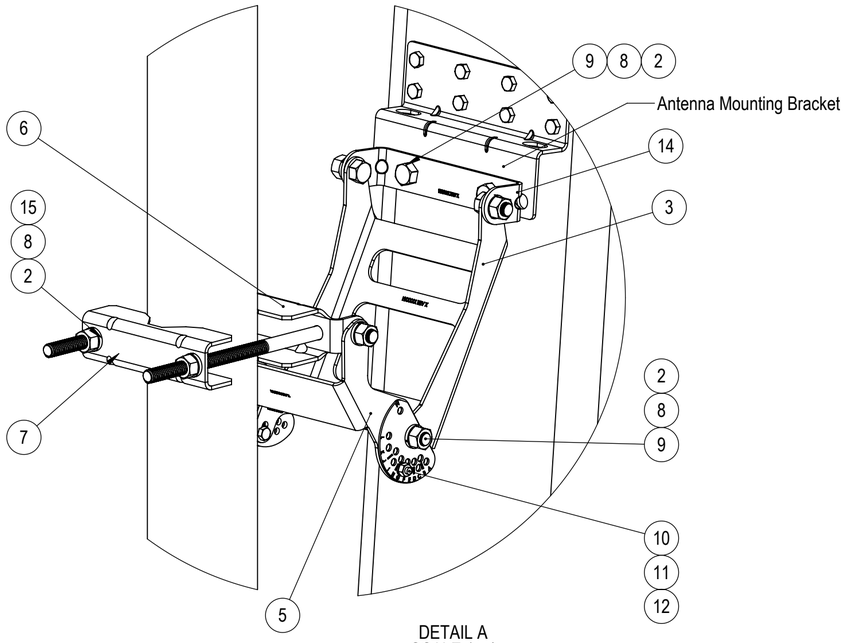
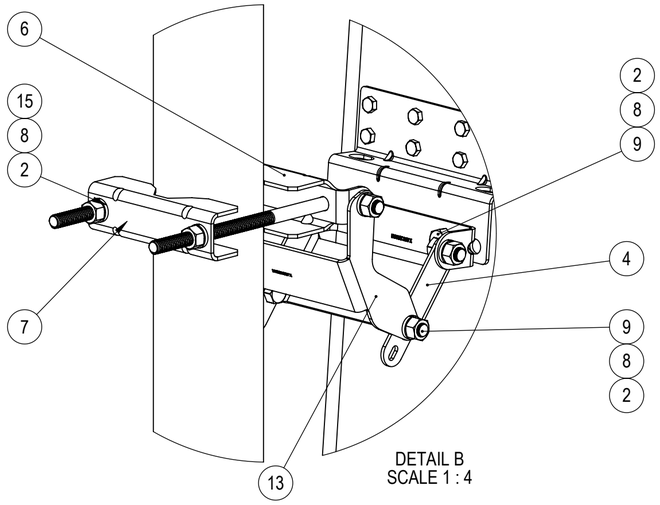
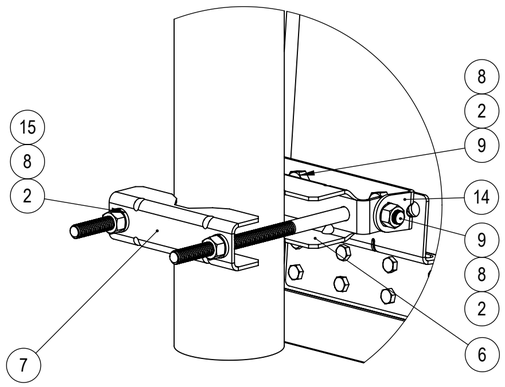
REVISIONS				
REV.	DESCRIPTION	ECN	DATE	REV'D BY



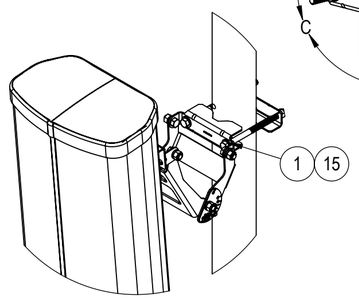
DETAIL A
SCALE 1 : 4



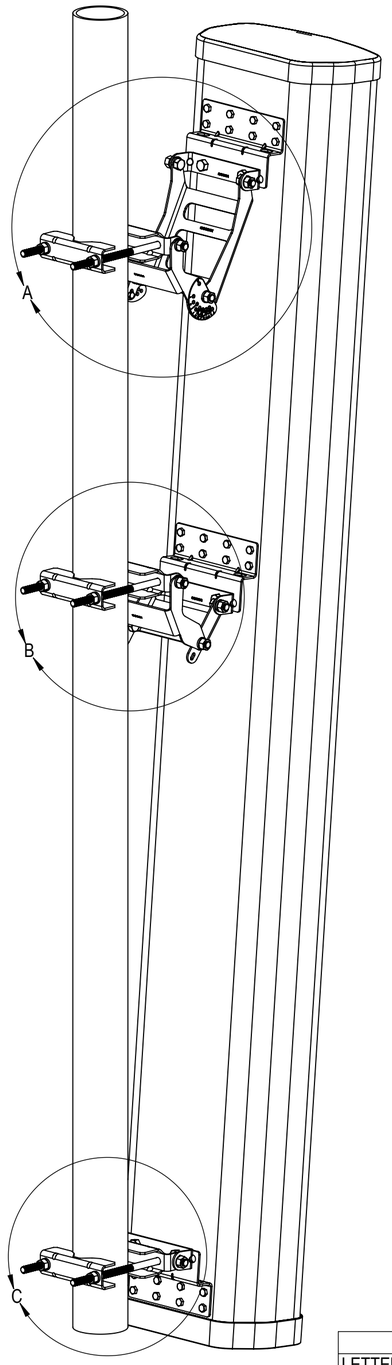
DETAIL B
SCALE 1 : 4



DETAIL C
SCALE 1 : 4



DETAIL D
SCALE 1 : 10



MKS10T02
(Instruction sheet I-10054)
EXTENDED SCISSOR 6' & 8' HEX / OCT 45° & 65°ANTENNA POLE MOUNT

(A copy of these instructions to be included in each mounting kit box at manufacturer)

Note: Tighten 1/2" hardware to 37 ft lbs (50 Nm) torque except as noted below.

1. Attach bracket adapter (14) to mounting brackets of antenna using provided 1/2" Hex Head Cap Screws (9), Lock Washers (2), and Nuts (8).

2. Place 1/2" Washers (1) through 9" bolt (15) and place through pipe grip (6).

3. Raise antenna to pipe. Attach pipe grip (7) to 9" bolt (15) in each assembly using 1/2" Lock Washers (2) and Nuts (8). Tighten 1/2" nuts (8) attaching pipe grip (7) and 9" bolt (15) to 28 ft lbs (38 Nm) torque. *Do NOT overtighten. Excessive torque loading will distort pipe grip components.*

4. Position antenna in desired tilt position per tilt chart below. Use holes in scissor bracket (5) that align and install screw (10), lock washer (12) and nut (11) and tighten to 8 ft lbs (11Nm) torque.

5. Make all electrical connections and weatherproof with selfamalgamating tape.

TILT INDICATOR CHART		
LETTER ON INDEX	6' ANTENNA	8' ANTENNA
A	0.0	0.0
B	1.0	0.8
C	2.0	1.7
D	3.1	2.5
E	4.1	3.3
F	5.1	4.1
G	6.1	5.0
H	7.2	5.8
I	8.2	6.6
J	9.2	7.4
K	10.2	8.3
L	11.2	9.1
M	12.3	10.1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	37210012	WASHER - GALV 1/2	6
2	39800613	WASHER - LOCK GALV 1/2	26
3	H04425	BRACKET, LONG DOWNTILT	1
4	H04424	BRACKET, SHORT DOWNTILT	1
5	H04423	INDEXED SCISSOR BRACKET	1
6	H04422	PIPE GRIP WITH ELEVATION	3
7	H04421	PIPE GRIP, REAR	3
8	37310012	NUT-HHCS GALV 1/2	26
9	8500-352	SCREW, 1/2-13 X 1IN HHCS	20
10	660-017-1-003	SCREW, 1/4-20 X .75, HHCS (HEX)	2
11	660-017-1-004	NUT, 1/4-20, HEX NUT	2
12	660-017-1-002	WASHER, 1/4,SPLIT LOCK WASHER	2
13	H05084	MID SCISSOR BRACKET	1
14	H05007	HEX/OCT 65 DEG BRACKET ADAPTOR	3
15	H05115	BOLT, 1/2-13 x 9" HEAD HEAD, GALV	6

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
ANGULAR: ±1 0 PLACE: ±0.5
1 PLACE: ±0.25 2 PLACE: ±0.15
INTERPRET DIM AND TOL PER ASME Y14.5-2009

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN BY	rwarren	3/27/2017
CHECKED BY		
ENG APPR.		

PROPRIETARY AND CONFIDENTIAL
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CONOVER, NC 28613
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www.amphenol-antennas.com

TITLE:
MOUNTING KIT, SCISSOR TILT, 3 POINT, 6' & 8' HEX/OCT 45° & 65° ANTENNAS

SIZE	DESIGNED USING	DWG. NO.	REV
C	SOLIDWORKS	MKS10T02	1

TITLE BLOCK IN ACCORDANCE WITH ASME Y14.1M-2012 | SCALE: NONE | WEIGHT (Kg): 26.53 | SHEET 1 OF 1