

G040-0004 Revision D, Mar 2023

Mounting Kit, For Metro Cell Antennas MC-MNT-TOP-3 Mounting Kit

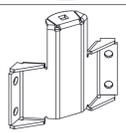
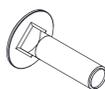
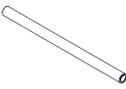
GENERAL INFORMATION

- Top of pole mounting option
Fits round members 6.3" to 8.5" (160 to 216 mm) pole diameter.

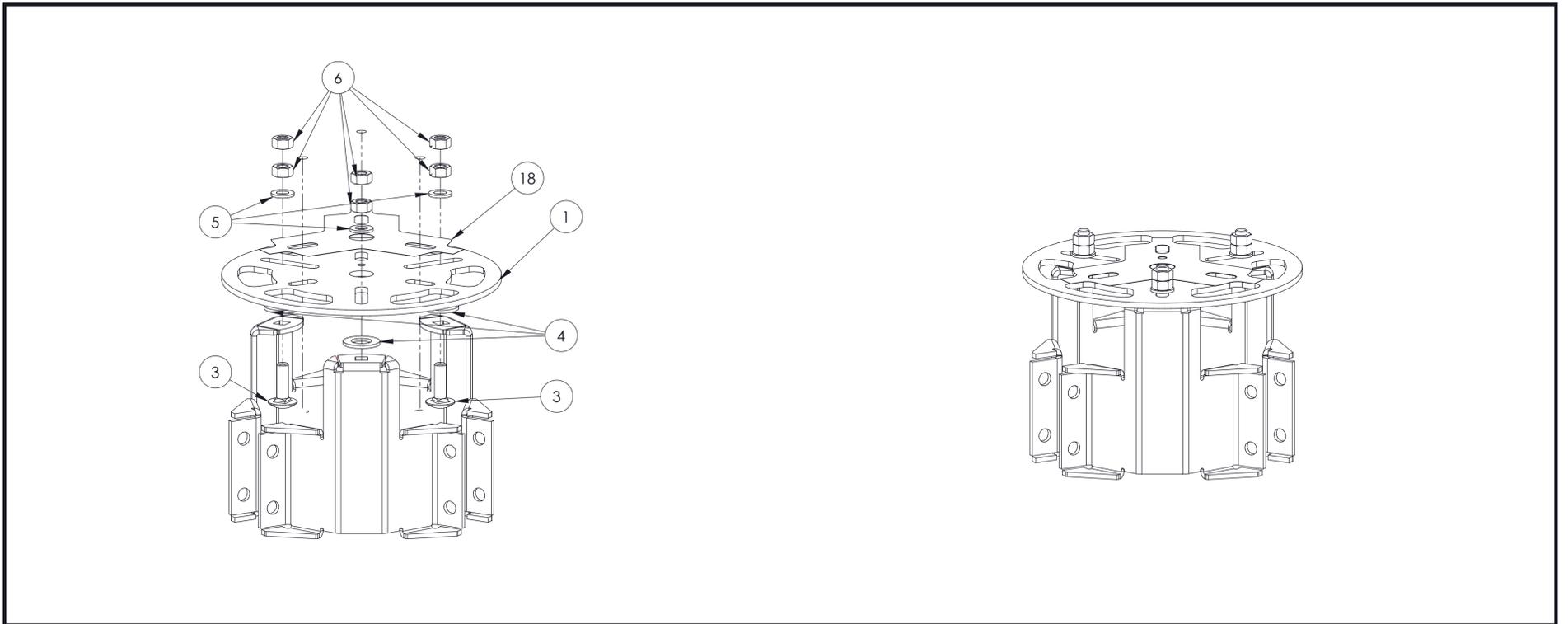
PRE-INSTALLATION INSTRUCTIONS

- Examine antenna and kit to ensure that all parts are enclosed and that there is no physical damage.
- Verify that the frequency range shown on the label on the bottom of the antenna matches the frequency range of the station equipment.

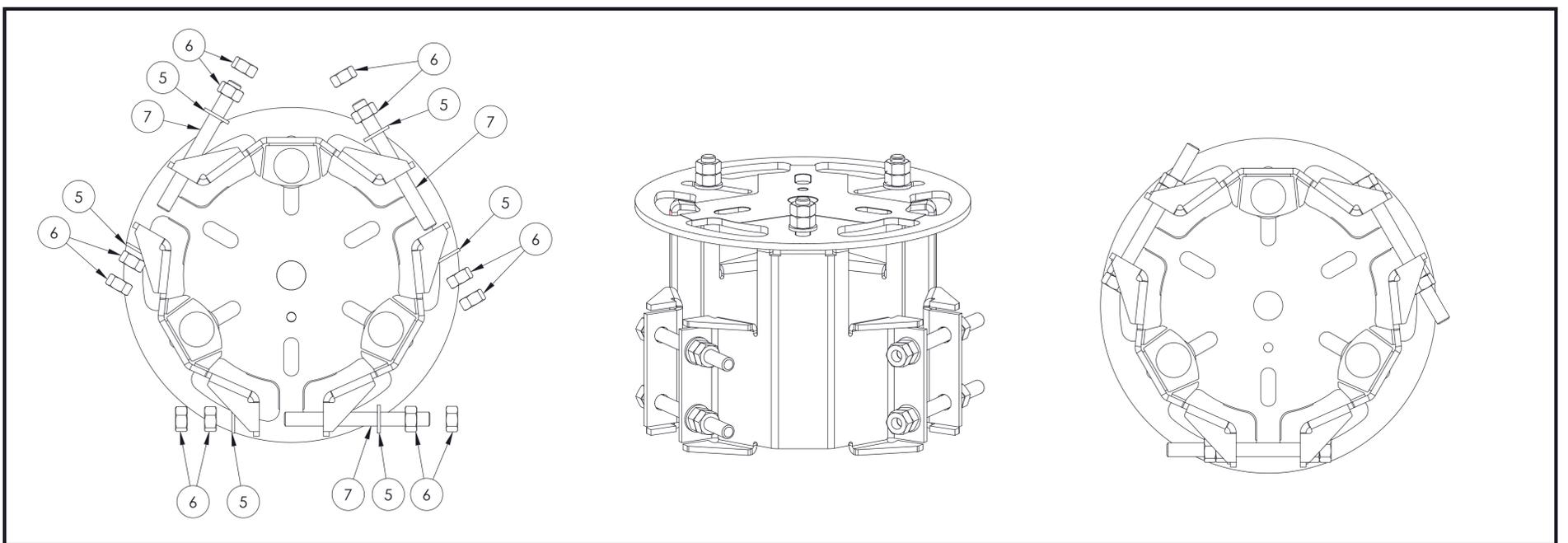
PARTS LIST

Item	Description	Qty	Image
1	Top Mount Bracket	1	
2	Pipe Clamp Bracket	3	
3	M12X40 Carriage Bolt	7	
4	M20 Flat Washer	4	
5	M12 Flat Washer	19	
6	M12 Hex Nut	38	
7	M12 X 125 Threaded Stud	6	
8	M24 X 75 Hex Head Bolt	1	
9	M24 Flat Washer	2	

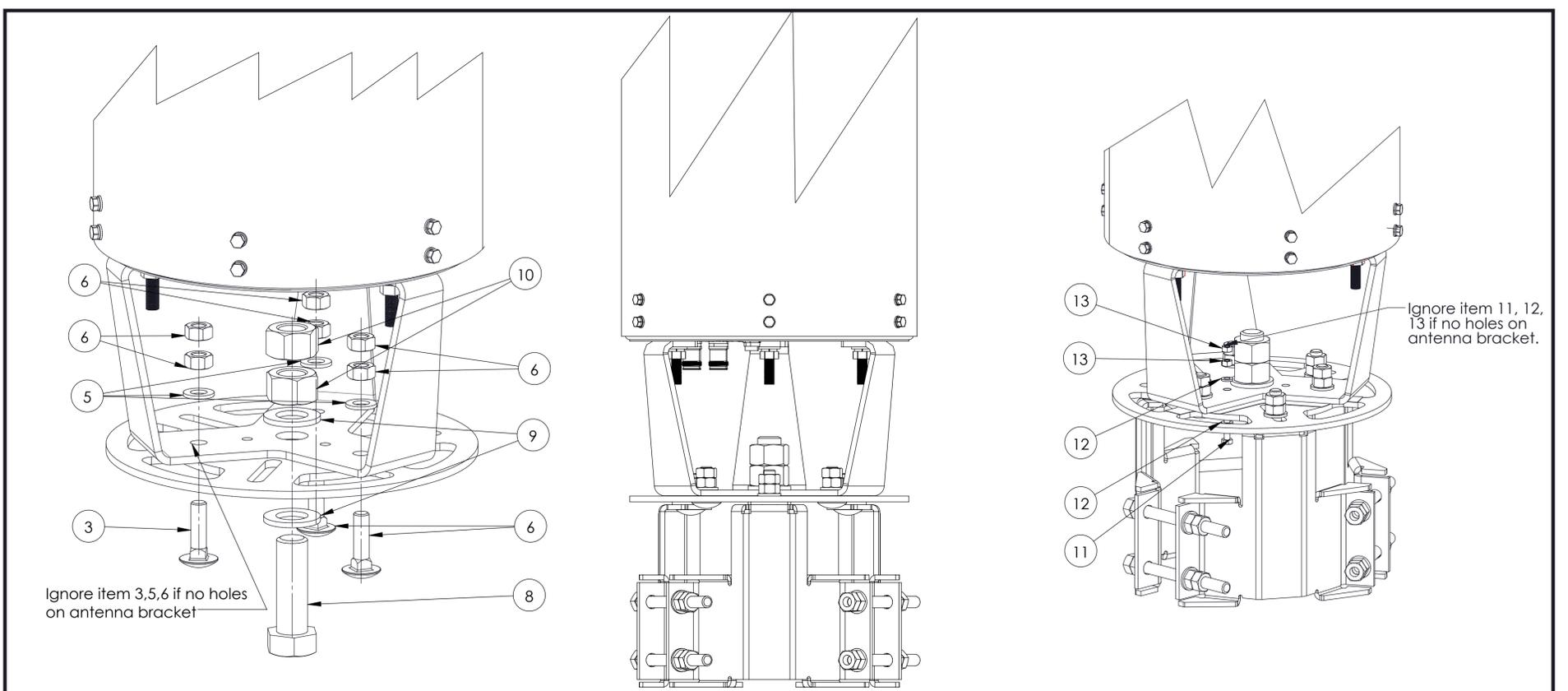
Item	Description	Qty	Image
10	M24 Hex Nut	2	
11	M6 Screw with Tube	1	
12	M6 Flat Washer	2	
13	M6 Hex Nut	2	
14	MC Shroud Cover, Long	2	
15	Pivot Pin	7	
16	Lanyard	2	
17	Cable tie	2	
18	GASKET	1	



ASSEMBLE TOP MOUNT BRACKET TO PIPE MOUNT BRACKETS

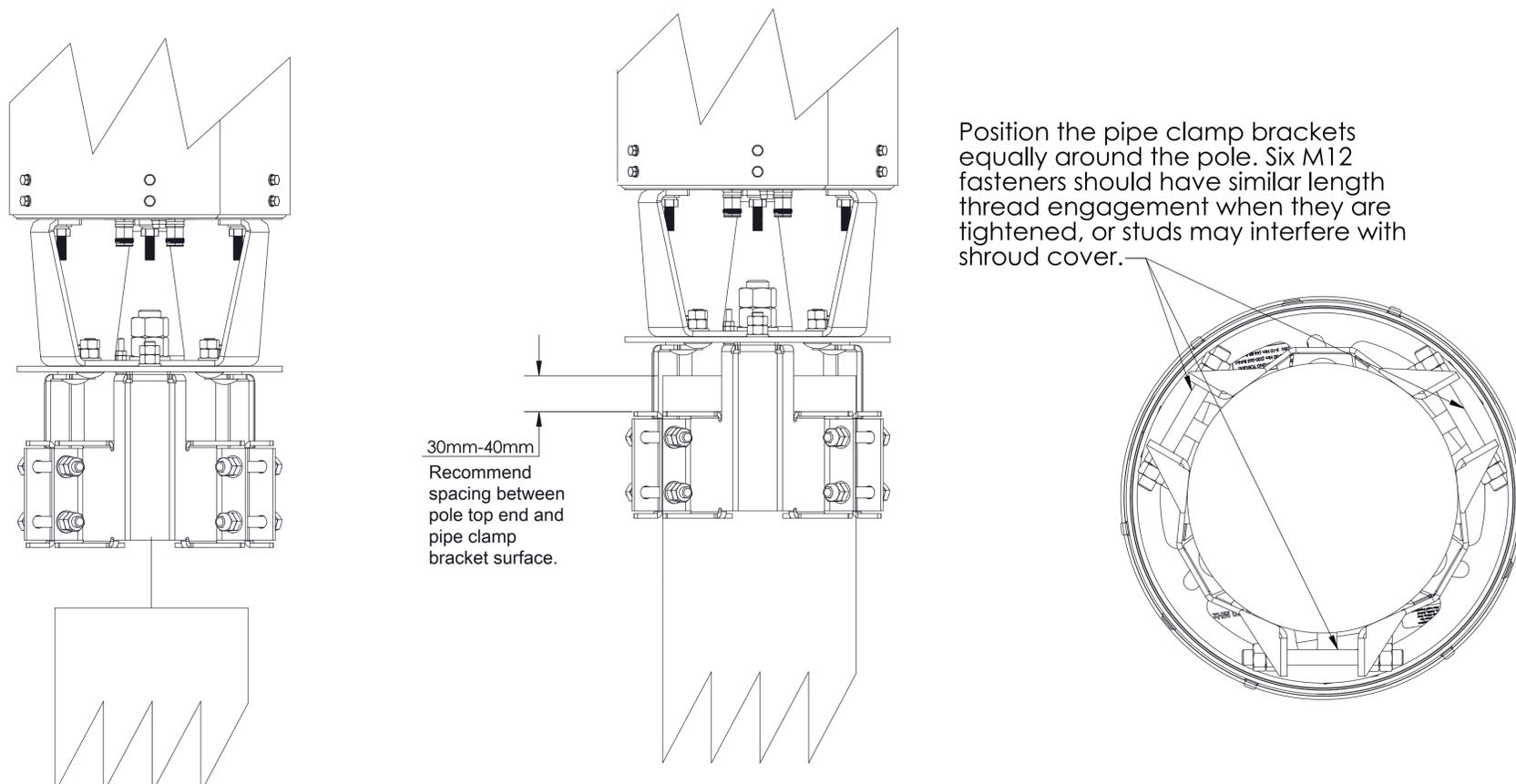


INSTALL PIPE MOUNT BRACKET HARDWARE



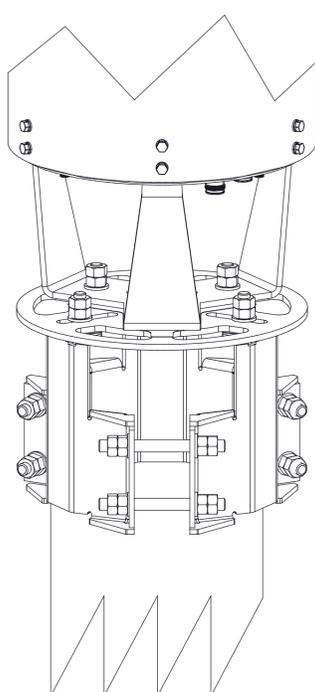
ATTACH ANTENNA TO MOUNT

ATTENTION: Pre-tighten six M12 fasteners on pipe clamp brackets.

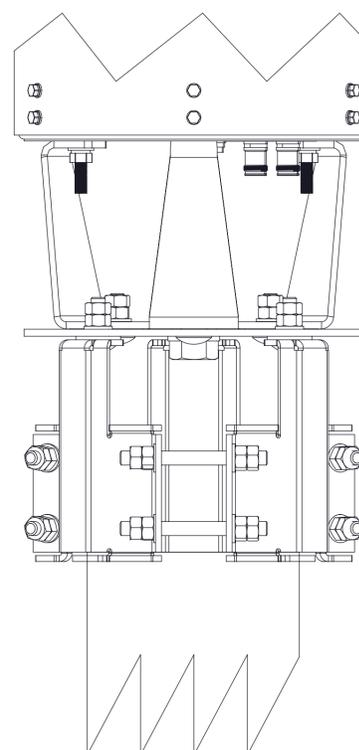


PLACE ANTENNA ON POLE

ATTENTION: Orient the antenna unit so that the antenna is directed as desired.

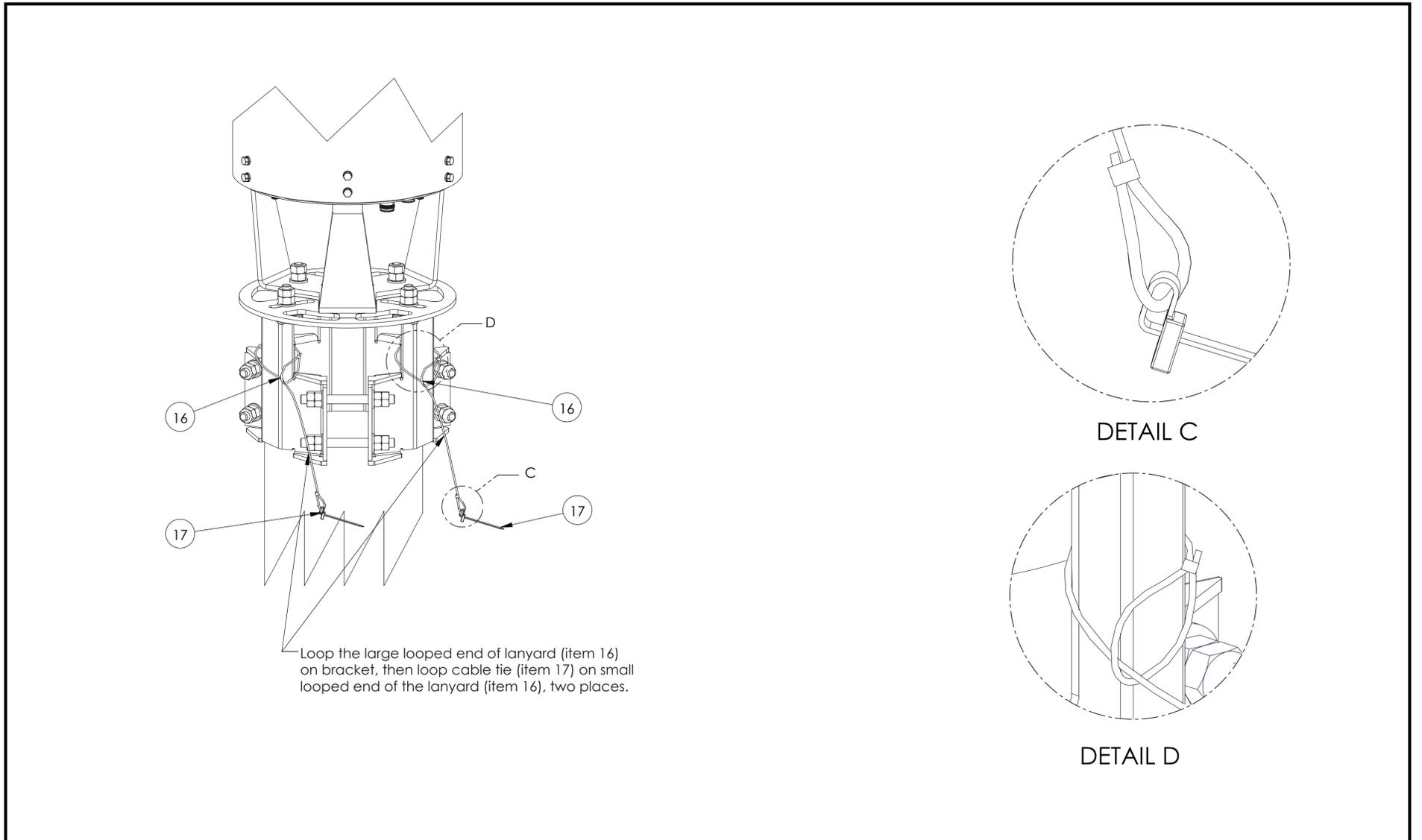


ATTENTION: Tighten all fasteners

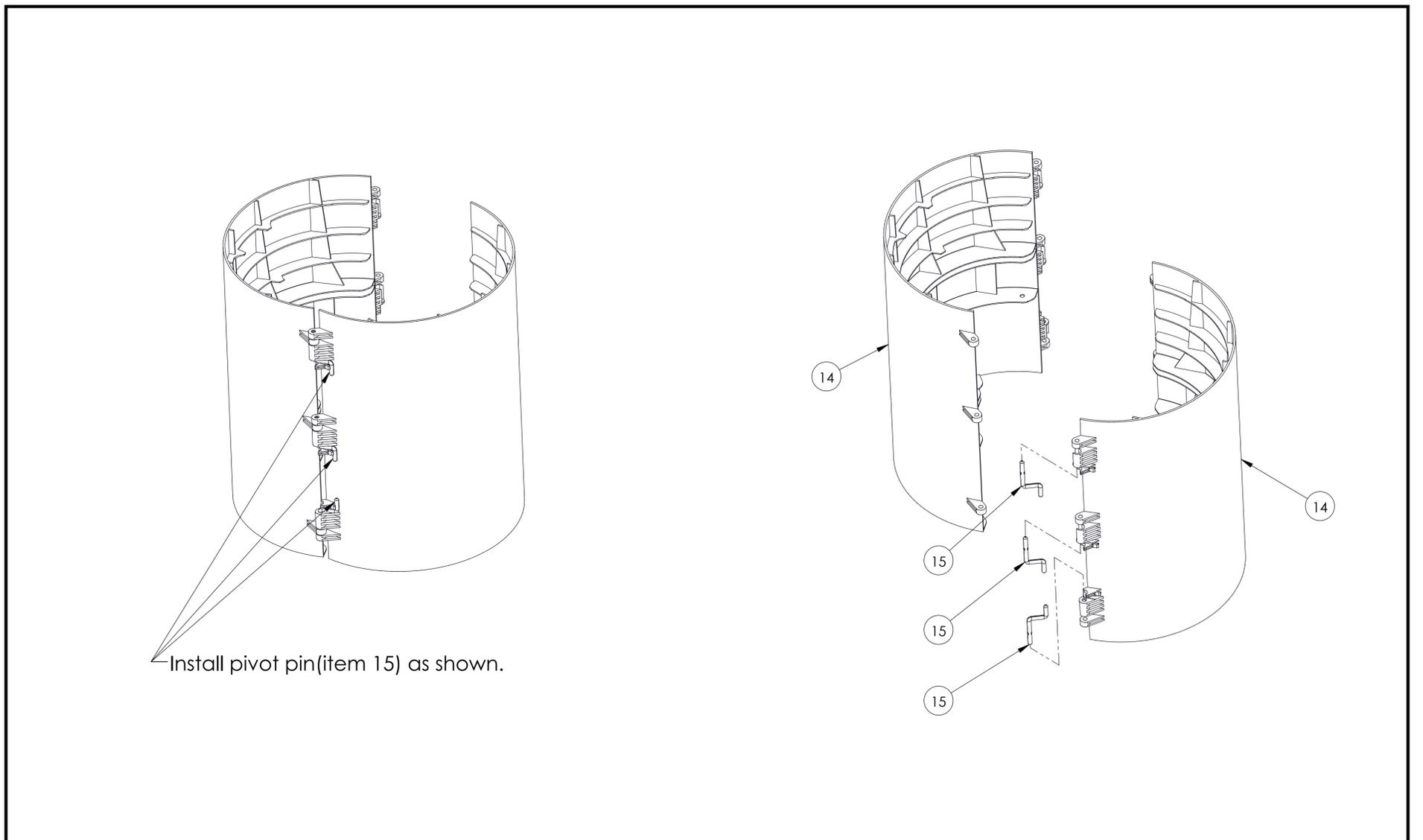


MAXIMUM TORQUE VALUES	
M6	4 N.m (3ft lbs)
M12	50 N.m (37ft lbs)
M24	100 N.m (74ft lbs)

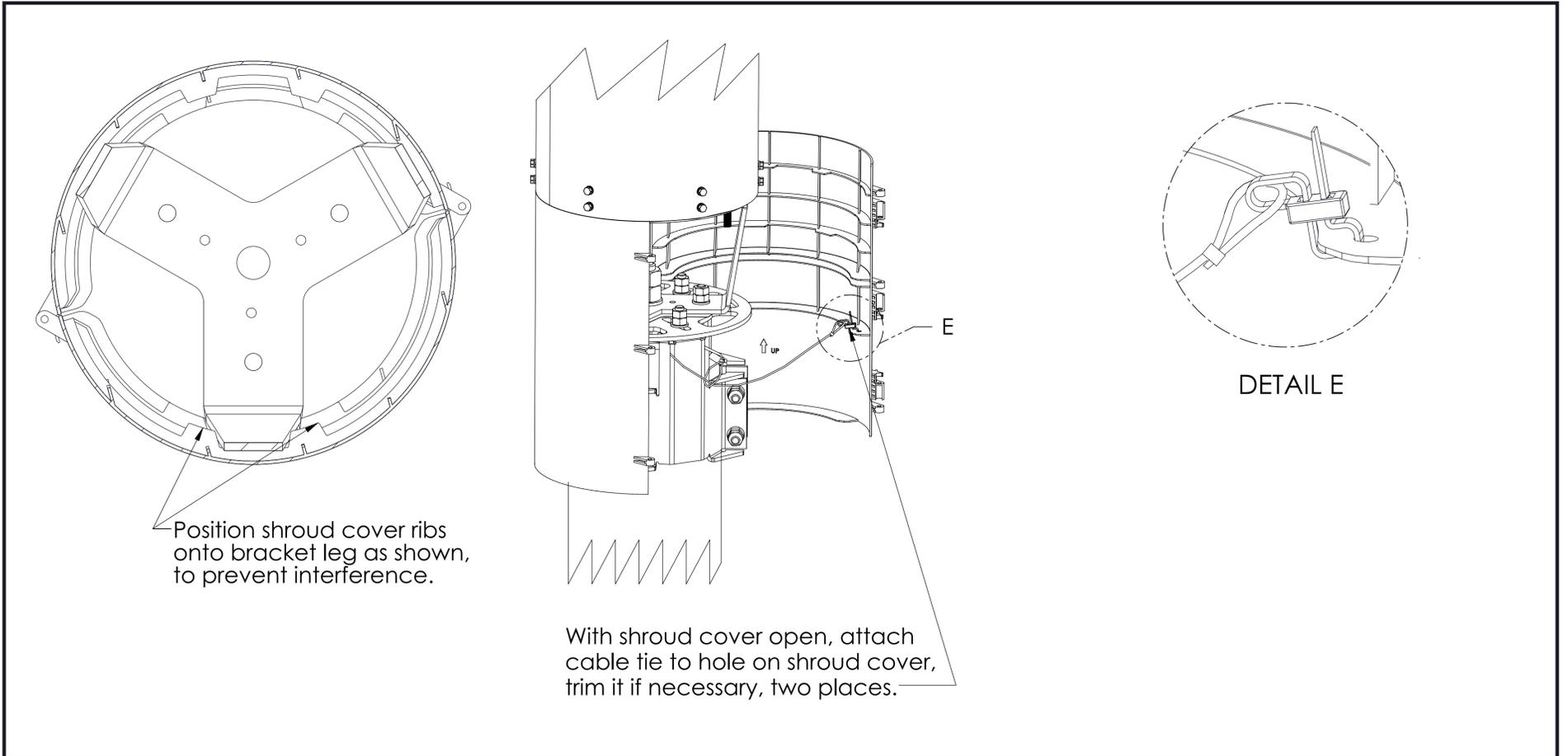
ORIENT ANTENNA AND TIGHTEN FASTENERS



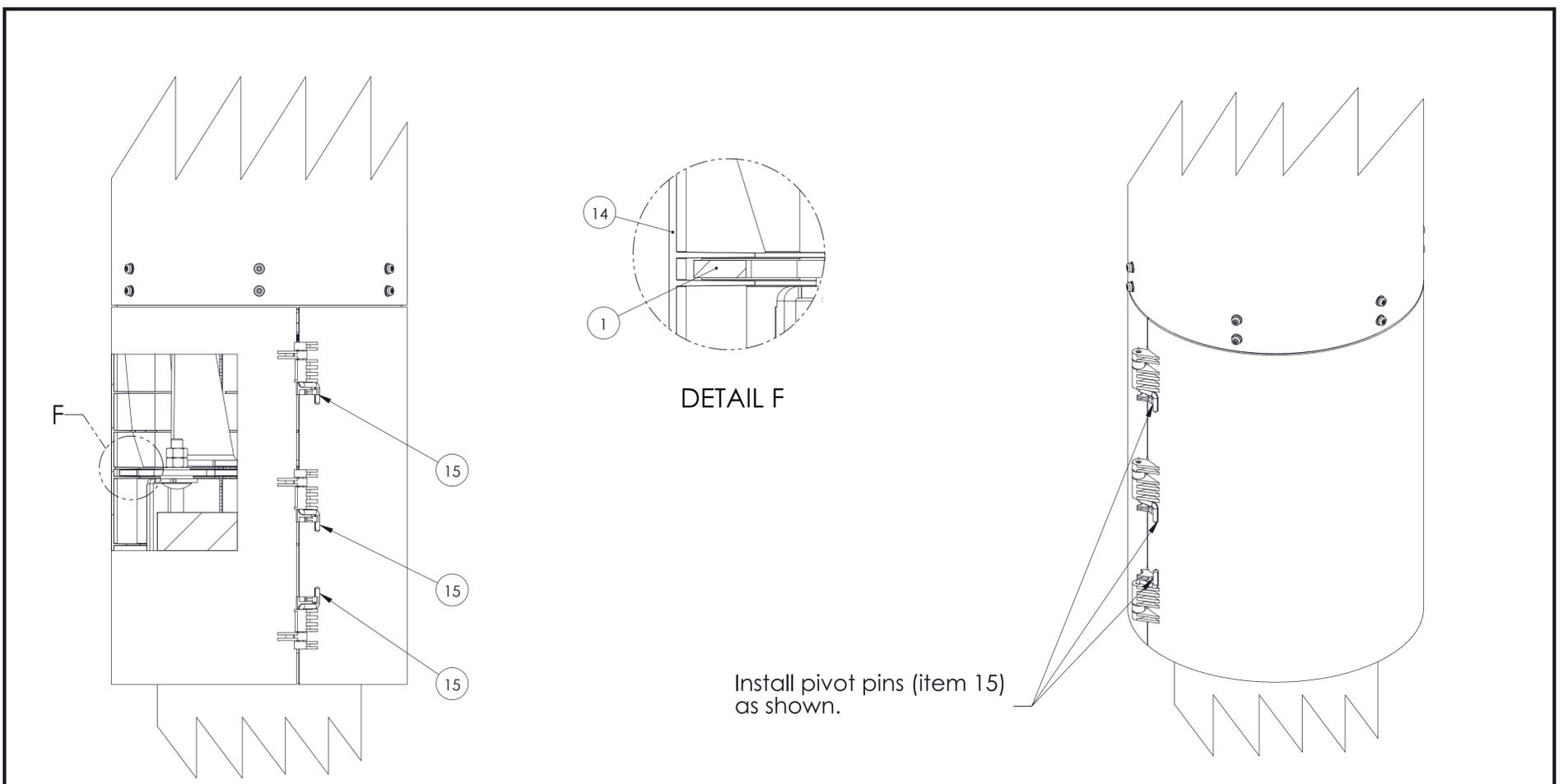
INSTALL LANYARDS



ASSEMBLE SHROUD COVER



INSTALL SHROUD COVER



COMPLETE SHROUD INSTALLATION

SAFETY NOTICE

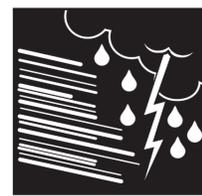
The installation, maintenance, or removal of an antenna requires qualified, experienced personnel. CommScope installation instructions are written for such installation personnel. Antenna systems should be inspected once a year by qualified personnel to verify proper installation, maintenance, and condition of equipment.

CommScope disclaims any liability or responsibility for the results of improper or unsafe installation practices.

It is recommended that transmit power be turned off when the field installation is performed. Follow all applicable safety precautions as shown on this page.



Do not install near power lines. Power lines, telephone lines, and guy wires look the same. Assume any wire or line can electrocute you.



Do not install on a wet or windy day or when lightning or thunder is in the area. Do not use metal ladder.



Wear shoes with rubber soles and heels. Wear protective clothing including a long-sleeved shirt and rubber gloves.