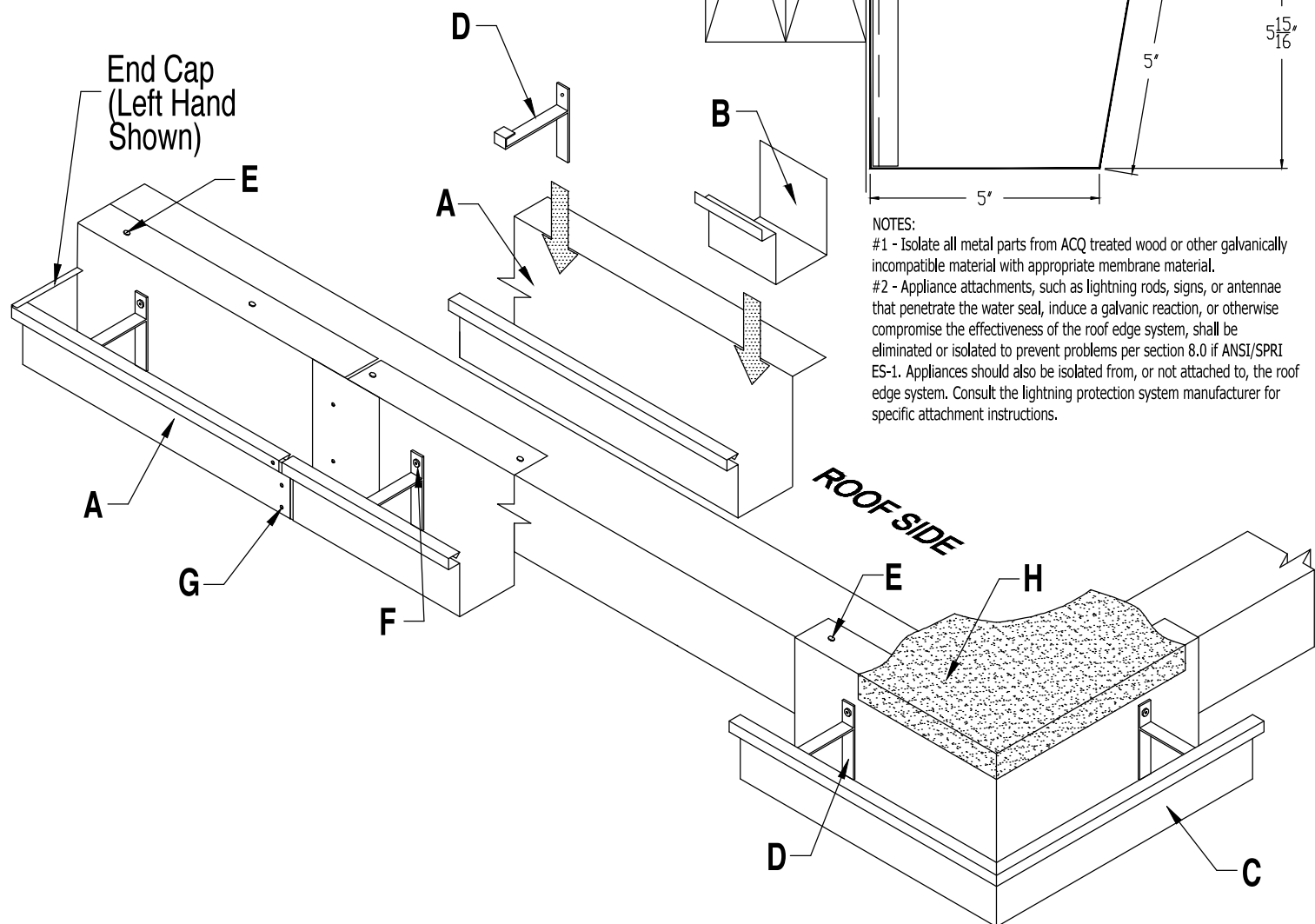




# Installation Guide for SecurEdge 4000 HP Gutter



**A. SecurEdge 4000 HP Gutter Flashing**  
10'-0" Std. Lengths (20'-0" Max.)

**B. SecurEdge 4000 HP Gutter Splice Plate**  
10'-0" Lengths

**C. SecurEdge 4000 HP Gutter Miter**  
(Outside Corner Shown)

**D. SecurEdge 4000 HP Gutter Bracket**  
(24" o.c. Max.)

**E. #10-13x1" S.S. Panhead Woodscrew**  
at 12" o.c. (Included and Required)

**F. #9-13x1-1/2" S.S. Washered Screw**  
1 per Bracket (Included and Required)

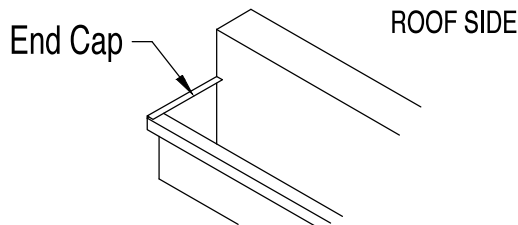
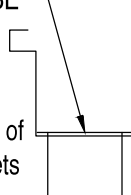
**G. Pop Rivet**

**H. Approved Roofing Membrane**  
(By Installer)

## DOWNSPOUT OUTLET TUBE

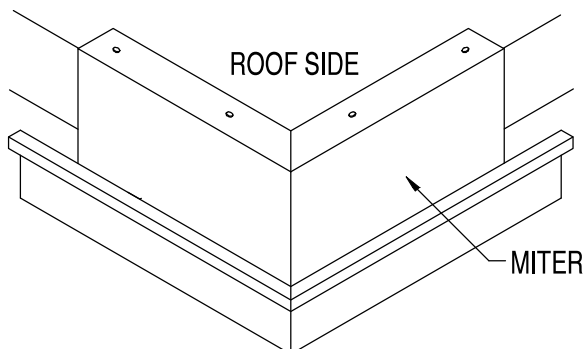
### STEP 1: Installing Downspout Outlet Tubes

Determine outlet locations and field cut hole in the gutter bottom. Insert Outlet Tube in hole, apply a continuous bead of Tube Sealant to the flange and fasten with two (2) Pop Rivets in each flange from outside the gutter bottom.



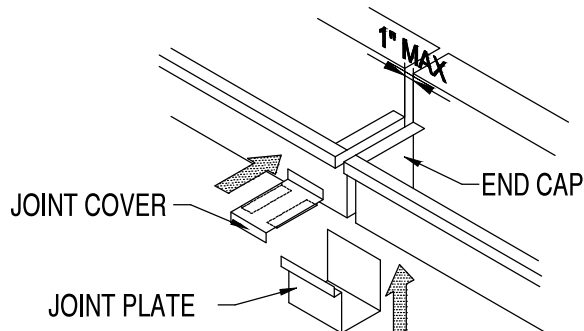
### STEP 2: Installing SecurEdge 4000 HP Gutter End Caps

Locate the End Caps for the appropriate gutter end. Place the End Cap into position and secure to gutter with Pop Rivets. Apply a continuous bead of Tube Sealant around the inside flange of the End Cap.



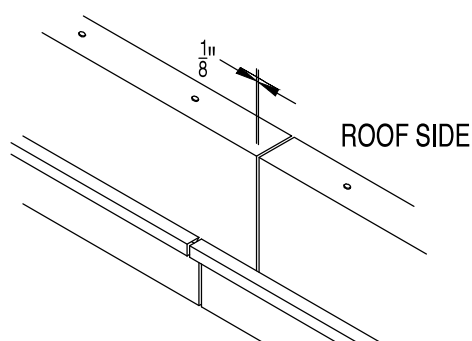
### STEP 3: Installing SecurEdge 4000 HP Gutter Miters

Locate the Miters for the appropriate locations. Secure the Miter to the roof edge using the #10-13x1" S.S. Panhead Woodscrews (provided) every pre-punched hole or 12" o.c. maximum.



### STEP 4: Installing Expansion Joints (If Required)

Install expansion joint in location as specified on roof plans. An expansion joint will consist of two (2) pre-fabricated End Caps, one (1) Joint Plate, and one Joint Cover. Gap the End Caps at 1" maximum. Slide the Joint Plate onto the Gutter, then secure with Pop Rivets to one of the gutter ends. Place the Joint Cover over the End Cap lips and secure with Pop Rivets to only one of the gutter ends.



### STEP 5: Installing SecurEdge 4000 HP Gutter Straight Lengths

Begin from the End Caps/Miters working inward to the center. Allow  $\frac{1}{8}$ " gap between SecurEdge 4000 HP Gutter sections for thermal expansion. Secure gutter to roof with #10-13x1" S.S. Panhead Woodscrews (Provided) at 12" on center in each pre-punched hole.

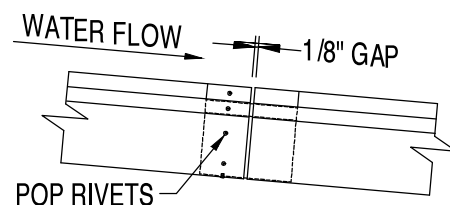


FIGURE #1

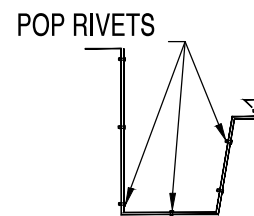
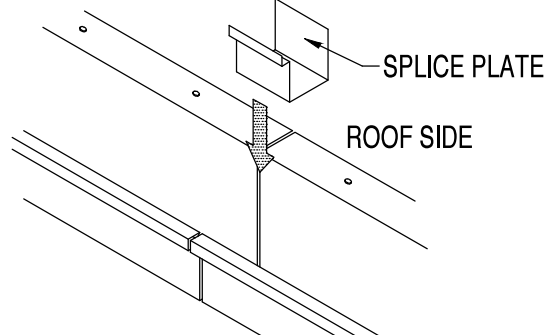
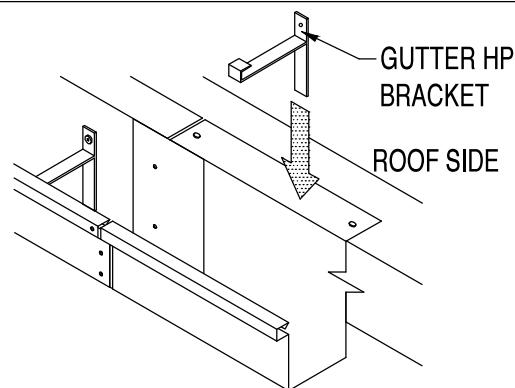


FIGURE #2



### STEP 6: Installing SecurEdge 4000 HP Gutter Joint Splices

Locate the joint splice and apply a continuous bead of Tube Sealant to both sides of the joint inside the gutter. Slide the Splice Plate down into the SecurEdge 4000 HP Gutter and secure with Pop Rivets on the up slope side of the splice as shown in Figure #1 and #2.



### STEP 7: Installing SecurEdge 4000 HP Gutter Brackets

Hook the top part of the SecurEdge 4000 HP Gutter Bracket into the face lip of the gutter. Rotate the bracket down into the gutter and secure the bracket through the gutter, into the treated wood nailer, with one (1) #9-13x1  $\frac{1}{2}$ " S.S. Woodscrew. Install brackets at 24" on center maximum. Install roof membrane into Gutter per roof manufacturer's instructions.