



1. Determine the locations needed for the Eco-44R-6" brackets.
2. Place base plate (#5) on finished roof deck material.
3. Trace around the plate (#5) and mark the fastener hole locations using an appropriate marking tool.
4. Set base plate (#5) aside.
5. Using a 1" spade bit, drill eight, 1" holes through the roof membrane (#3) and insulation (#2) down to the steel deck (#1).
6. Insert ferrule material (#4) into the holes drilled in the previous step. Ferrules should rest on steel deck and be flush with top of roof membrane (#3). Mark for length (or simply measure with a tape measure). Cut ferrules to proper length for all eight holes. These should be field cut to account for variations in the insulation and steel deck.
7. Fill any voids in and around ferrules (#4) in an appropriate manner that is approved by the roof membrane manufacturer to prevent thermal bridging.
9. Replace base plate (#5) and secure it to the roof using 8 fasteners (#6) of an appropriate length.
10. Install standoff (#7) by threading the post onto portion of the stud. Torque to 50 inch-pounds.
11. Install acceptable roof membrane manufacturer's plumbing / vent stack (#8) over standoff (#7).
12. Secure stainless steel pipe clamp (#9) around top of plumbing vent stack flashing (#8) with roof membrane manufacturer's acceptable sealant, if required. It may be necessary to trim the flashing so that it is flush with the top of the standoff.
13. Slide C-102-6 (C channel #10) over the finished standoff and flashing assembly.
14. Attach C-102-6 (C channel #10) to top of standoff (#7) using 3/8" bolt (#12).

