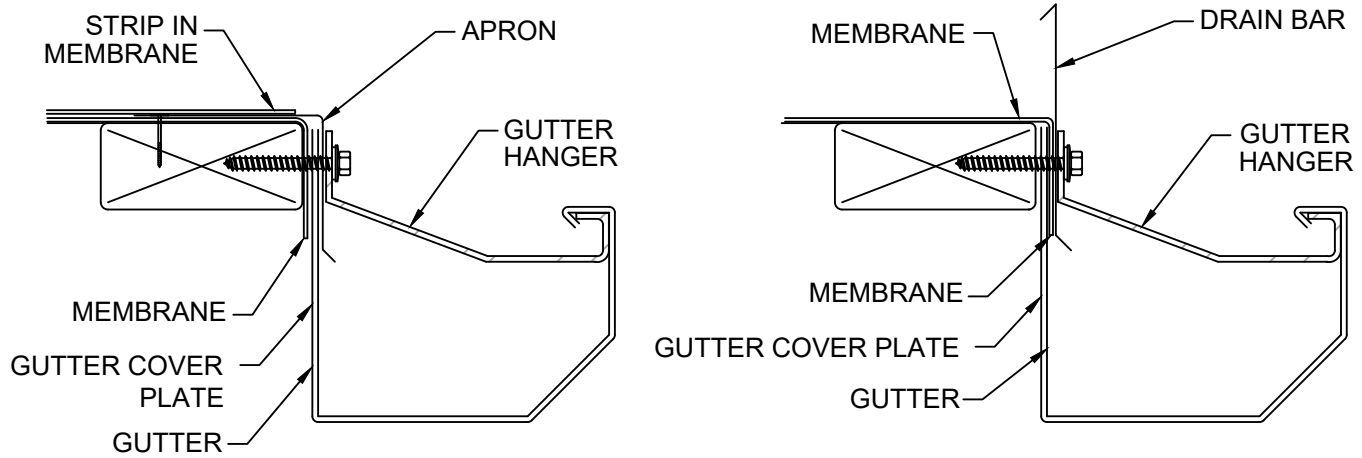
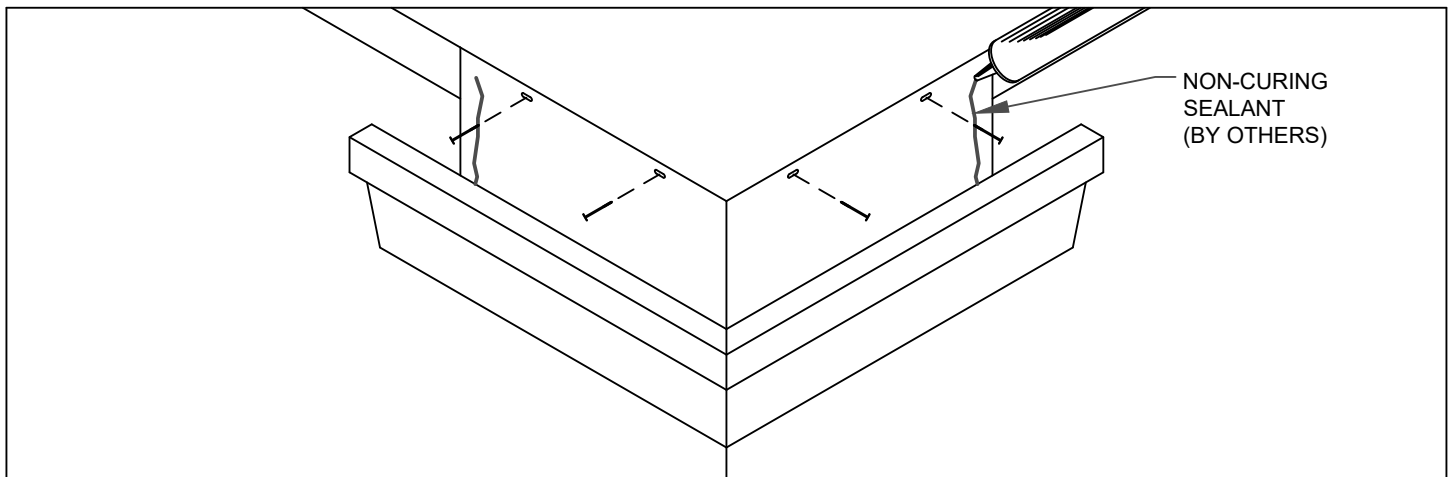


TYPICAL MEMBRANE OPTIONS



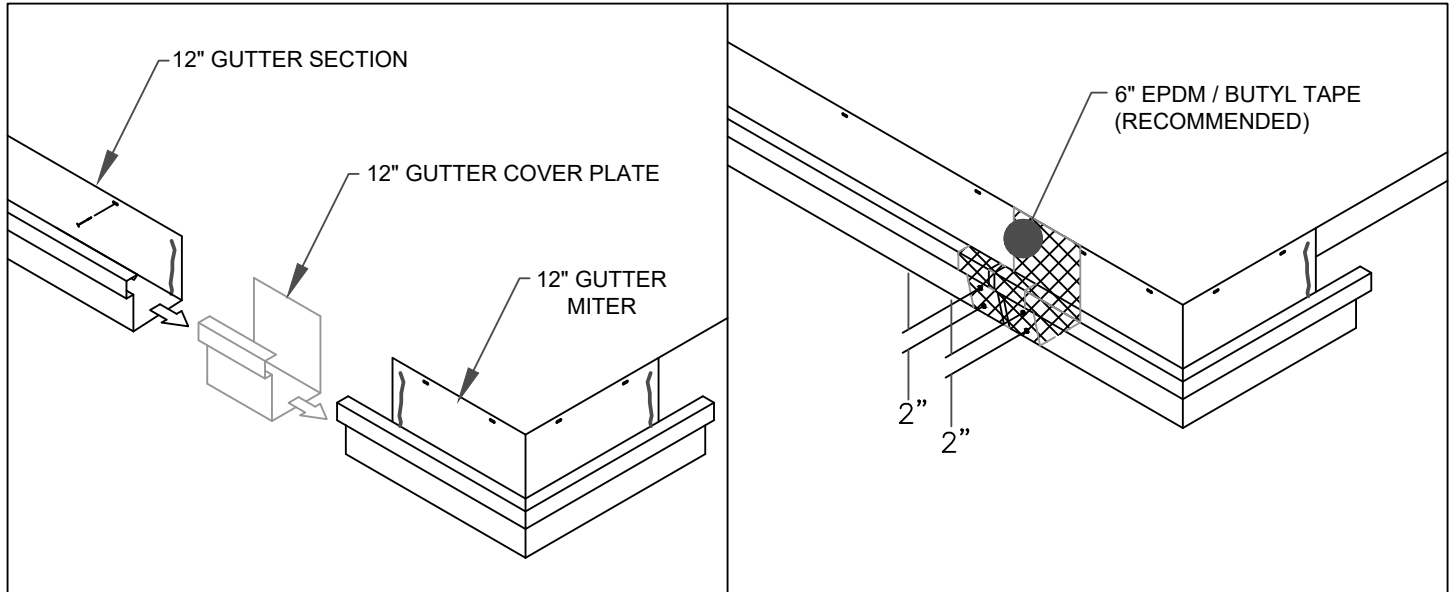
STEP 1. MEMBRANE INSTALLATION

REVIEW CAREFULLY AND FOLLOW PRIMARY ROOF MATERIAL MANUFACTURER'S RECOMMENDATIONS, AND ARCHITECT'S DETAILS FOR INSTALLING ROOF MEMBRANE IN CONJUNCTION WITH THIS GUTTER SYSTEM.



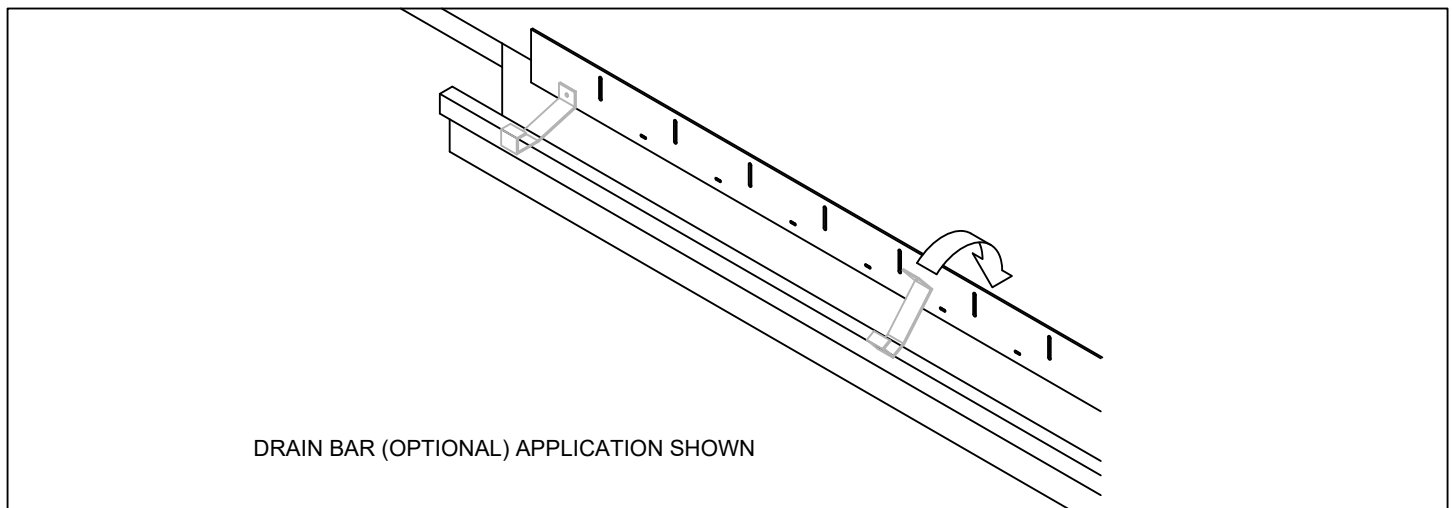
STEP 2. MITER INSTALLATION

INSTALL MITERS AT LOCATIONS SHOWN ON PLANS. FASTEN TO NAILER THROUGH PRE-SLOTTED HOLES 12" O.C. USING PROVIDED 1 1/4" GALVANIZED ROOFING NAILS. APPLY A HEAVY BEAD OF NON-CURING SEALANT TO THE INSIDE OF EACH MITER END AS SHOWN.



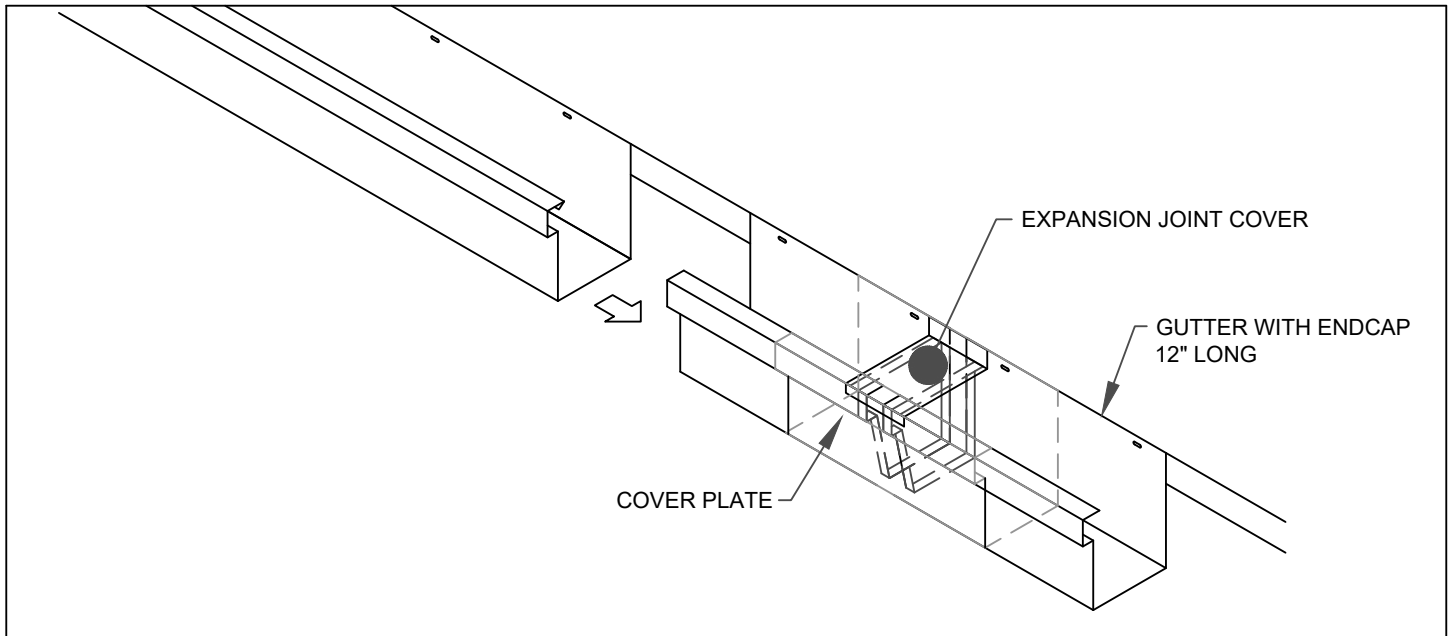
STEP 3. GUTTER INSTALLATION

INSTALL GUTTER SECTIONS FROM RIGHT TO LEFT AS SEEN FROM ROOF. APPLY A HEAVY BEAD OF NON-CURING SEALANT TO INSIDE LENGTH OF GUTTER. SLIDE GUTTER COVER PLATE HALF WAY OVER EXISTING GUTTER. INSTALL SECONDARY GUTTER SECTION INTO GUTTER COVER PLATE. RIVET SECTIONS WITH PROVIDED $\frac{1}{8}$ " STAINLESS STEEL POP RIVETS AT SPLICE JOINT 2" O.C. AS SHOWN ONLY ON ONE SIDE OF GUTTER COVER PLATE TO ALLOW THERMAL EXPANSION. LEAVE A $\frac{3}{8}$ " GAP AT SPLICE JOINT. PLACE A 6" WIDE SPLICE PLATE AT JOINT. RIVET SECTIONS WITH PROVIDED $\frac{1}{8}$ " STAINLESS STEEL POP RIVETS AT SPLICE JOINT 2" O.C. AS SHOWN. NAIL GUTTER SECTIONS TO NAILER AT 12" O.C. USING PROVIDED $\frac{1}{4}$ " GALVANIZED ROOFING NAILS. THE MANUFACTURER RECOMMENDS THE APPLICATION OF EPDM / BUTYL PRESSURE SENSITIVE TAPE CENTERED OVER THE SPLICE PLATE AND LAPPING THE GUTTER SECTIONS A MINIMUM OF 1".



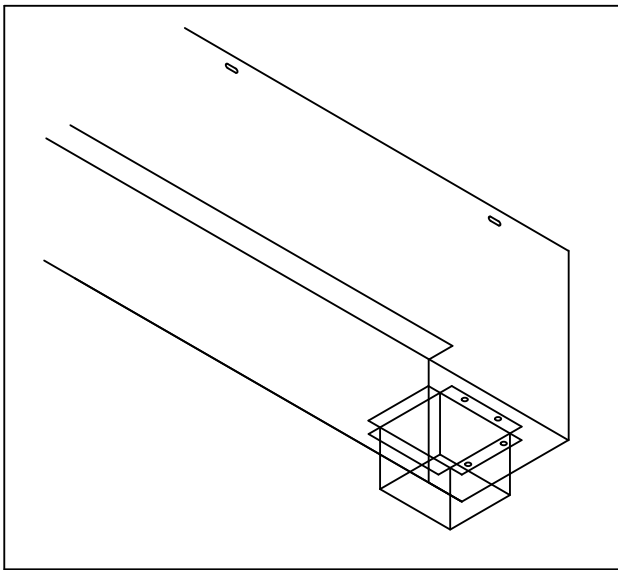
STEP 4. HANGER INSTALLATION

HOOK HANGER UNDER LEADING EDGE OF GUTTER AND ROTATE INTO PLACE. FASTEN HANGER 30" O.C. USING PROVIDED #10 x 2" STAINLESS STEEL FASTENERS THROUGH BACK SIDE OF GUTTER INTO WOOD NAILER.



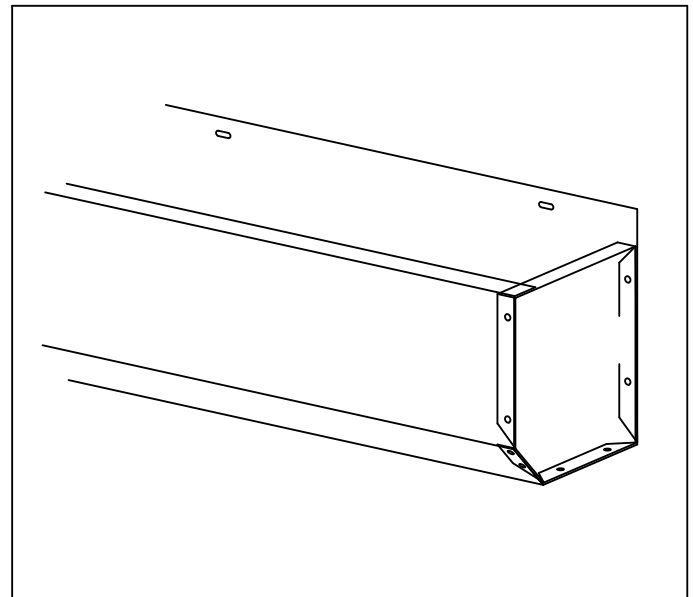
STEP 5. EXPANSION JOINT INSTALLATION (WHERE NECESSARY)

INSTALL EXPANSION JOINTS IN LOCATIONS AS SPECIFIED ON ROOF PLANS OR AT A MAXIMUM OF 48'-0" O.C. NAIL INTO PLACE AND INSTALL SPLICE PLATE AS PER STEP #3.



STEP 6. OUTLET INSTALLATION

DETERMINE OUTLET LOCATIONS AND FIELD CUT HOLE IN A NEAT WORKMANLIKE MANNER. INSERT ALUMINUM OUTLET, RIVET WITH PROVIDED $\frac{1}{8}$ " STAINLESS STEEL POP RIVETS, 2" O.C. ON EACH FLANGE AND SEAL WITH NON-CURING SEALANT.



STEP 7. END CAP INSTALLATION

INSTALL ENDCAPS AT ALL TERMINATIONS. FIELD RIVET WITH PROVIDED $\frac{1}{8}$ " STAINLESS STEEL POP RIVETS AT 2" O.C. AND SEAL WITH NON-CURING SEALANT

- ① CUT A 10'-0" SECTION OF THE GUTTER INTO (2) 5'-0" PIECES.
(THE EXPANSION JOINT IS DESIGNED TO FIT BETWEEN THE (2) 5'-0" SECTIONS).

