

HIP & VALLEY

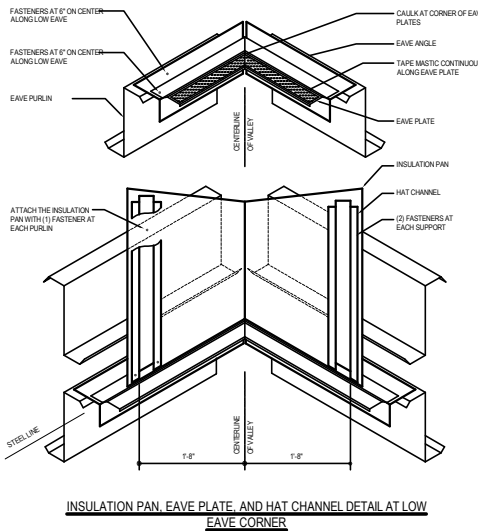
EP3040 - VALLEY

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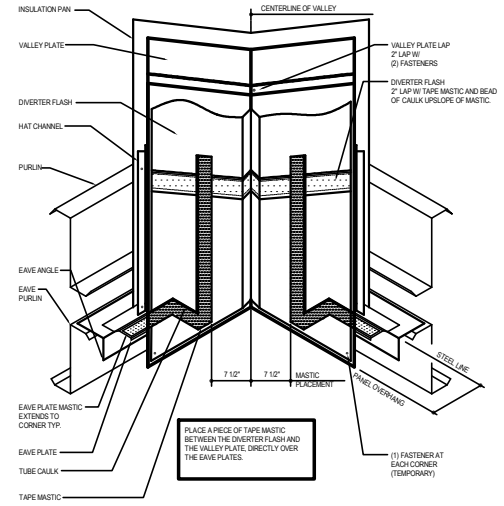
Download the DWG file by clicking [here](#).

VALLEY CONDITION ERECTION NOTES

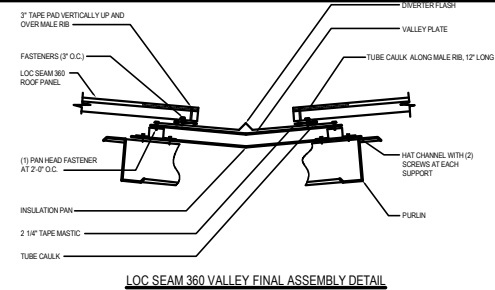
- 1) INSTALL THE EAVE ANGLES AND EAVE PLATES AS SHOWN AT RIGHT. CAULK THE EAVE PLATES AT THE CORNER WITH TUBE CAULK.
- 2) AFTER THE INSTALLATION OF THE EAVE ANGLES AND EAVE PLATES AND BEFORE THE ROOF PANEL INSTALLATION, START AT THE LOW EAVE AND PLACE THE INSULATION PAN IN THE VALLEY AND FASTEN WITH (1) FASTENER AT EACH PURLIN. FIELD METER THE INSULATION PAN AT THE EAVE PLATE. LAP THE INSULATION PAN 2" AND FASTEN WITH (4) FASTENERS.
- 3) INSTALL THE INSULATION OVER THE INSULATION PAN. FASTEN WITH SCREWS AND INSULATION WASHERS AS REQUIRED.
- 4) BEFORE ROOF PANEL INSTALLATION, START AT THE LOW EAVE AND PLACE THE HAT CHANNEL SECTIONS ON BOTH SIDES OF THE VALLEY. 1" FROM THE CENTERLINE AS SHOWN. FASTEN TO EACH PURLIN WITH (2) FASTENERS.
- 5) CENTER THE VALLEY PLATE OVER THE HAT SECTIONS. AT THE EAVE & RIDGE, EXTEND THE PLATE TO THE EDGE OF THE ROOF PANEL. FIELD CUTTING AS REQUIRED. FASTEN VALLEY PLATE TO HAT CHANNEL INSIDE PANEL RIB WITH (1) FASTENER AS SHOWN BELOW. LAP THE VALLEY PLATE 2" & FASTEN WITH (2) FASTENERS.
- 6) PLACE THE DIVERTER FLASH OVER THE VALLEY PLATE AND TEMPORARILY FASTEN WITH (1) SCREW AT THE OUTSIDE CORNERS OF THE VALLEY PLATE. **DO NOT** USE THE VALLEY AS A WALKWAY OR WORK PLATFORM.
- 7) INSTALL 2 1/4" TAPE MASTIC ON THE DIVERTER FLASH 7 1/2" FROM THE CENTER OF THE PLATE AS SHOWN. DO NOT REMOVE PAPER BACKING UNTIL READY TO SET PANEL. ALSO APPLY A BEAD OF BUTYL TUBE CAULK FOR THE FLAT OF THE PANEL ALONG THE TAPE MASTIC.
- 8) INSTALL THE ROOF PANELS. CUTTING ENDS AT THE ANGLE REQUIRED. CUT PANELS 7" FROM THE CENTER OF THE VALLEY PLATE. (NOTE: KEEP METAL SHAVINGS OUT OF MASTIC AND PANEL SIDE LAP). REMOVE TEMPORARY DIVERTER FASTENER IF NEEDED.
- 9) BEFORE THE NEXT PANEL IS INSTALLED, APPLY A 3" PIECE OF TAPE MASTIC AND A BEAD OF TUBE CAULK, TO THE MALE SIDE OF THE PANEL FROM THE LOW END OF THE PANEL, UP 12" TO ENSURE NEAR HEIGHTNESS, AS SHOWN IN THE SEALANT DETAIL.
- 10) FASTEN WITH SCREWS, 3" O.C. OVER THE TAPE MASTIC, (8 1/4" FROM THE CENTER OF THE DIVERTER FLASH TO THE CENTER OF THE FASTENERS). TAKE SPECIAL CARE AT THIS POINT TO MAINTAIN PANEL MODULARITY.



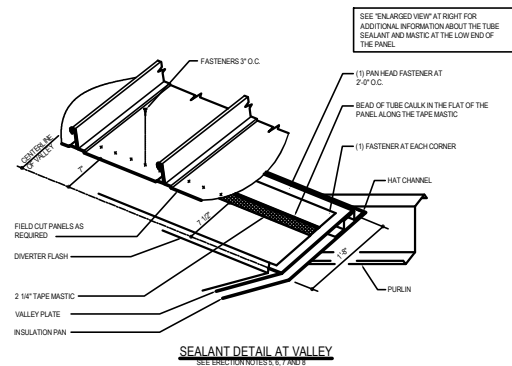
INSULATION PAN, EAVE PLATE, AND HAT CHANNEL DETAIL AT LOW EAVE CORNER
SEE ERECTION NOTES 1, 2 AND 4



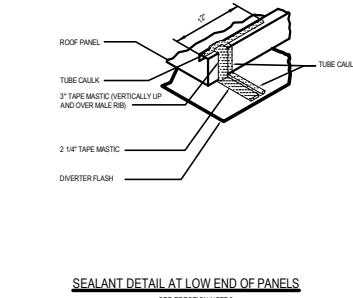
VALLEY PLATE AND DIVERTER FLASH DETAIL AT LOW EAVE CORNER
SEE ERECTION NOTES 5, 6 AND 7



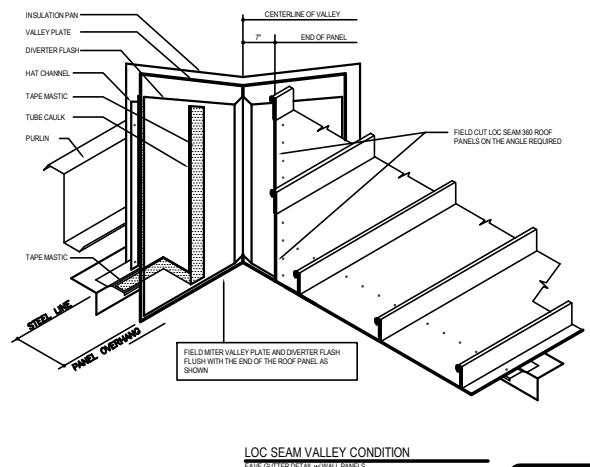
LOC SEAM 360 VALLEY FINAL ASSEMBLY DETAIL



SEALANT DETAIL AT VALLEY
SEE ERECTION NOTES 5, 6, 7 AND 8



SEALANT DETAIL AT LOW END OF PANELS
SEE ERECTION NOTE 9



LOC SEAM VALLEY CONDITION
EAVE GUTTER DETAIL w/ WALL PANELS
SEE WALL SHEETING ERECTION NOTES FOR WALL PANEL FASTENER LOCATIONS

EP3040

Detailer Notes:

- 1) N/A