

HIP AND VALLEY

EP6021 - SS360 HIP CONDITION

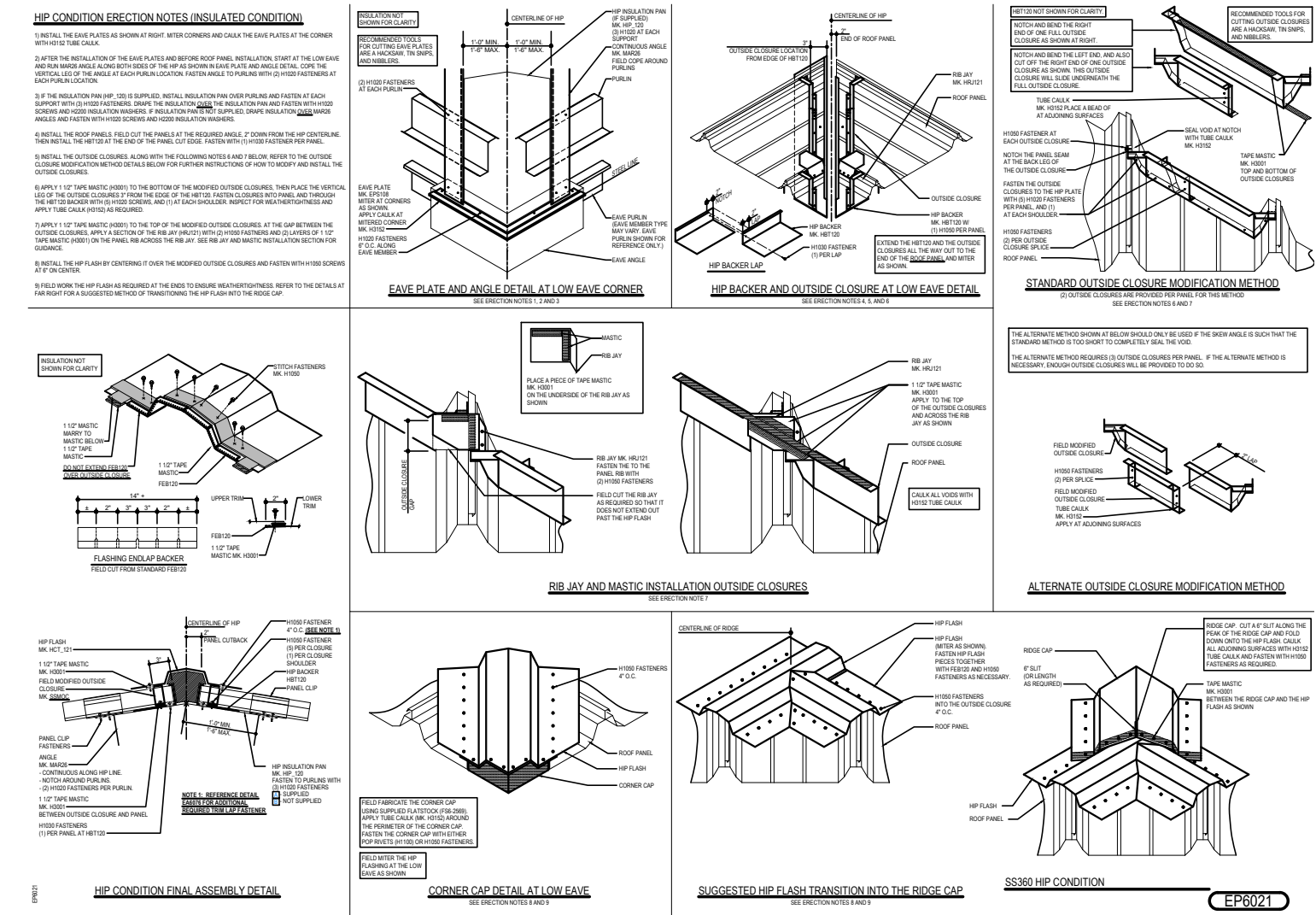
EP6021 - SSII HIP CONDITION

EP6040 - SS360 VALLEY

EP6040 - SSII VALLEY

EP6021 - SS360 HIP CONDITION

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Detailer Notes:

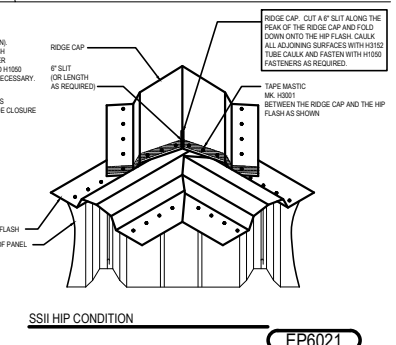
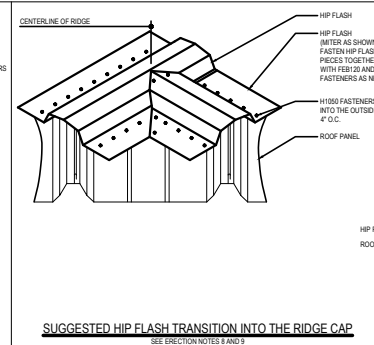
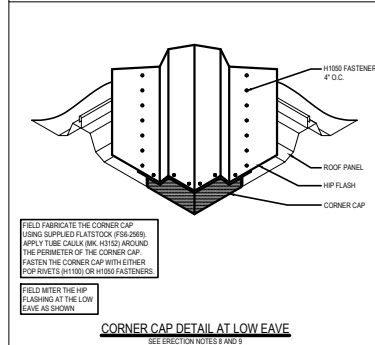
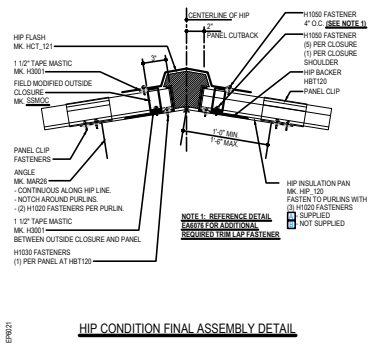
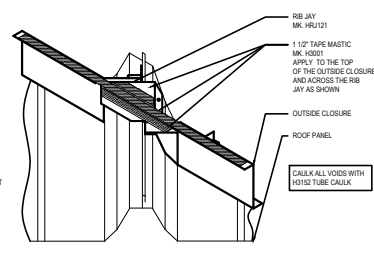
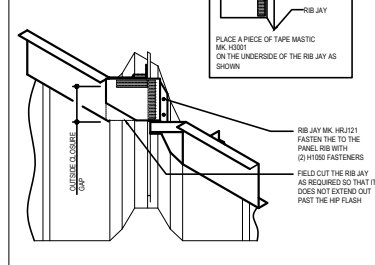
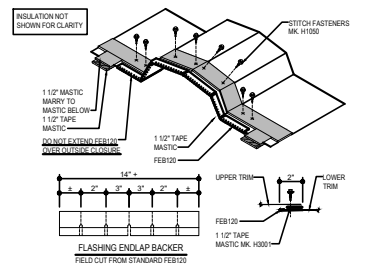
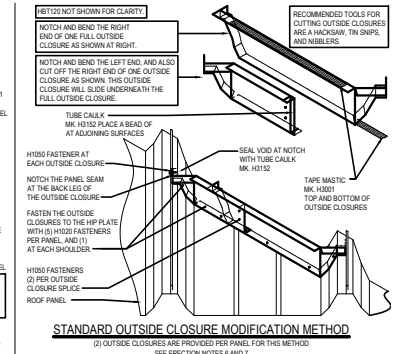
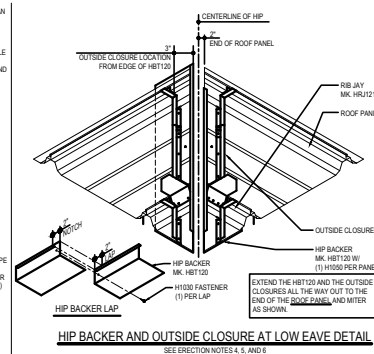
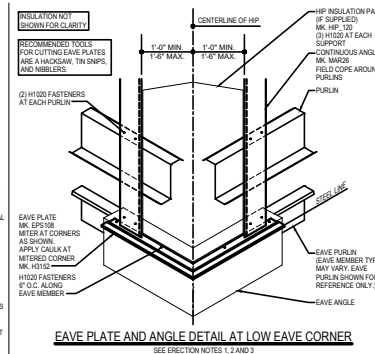
1) N/A

EP6021 - SSII HIP CONDITION

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HIP CONDITION ERECTION NOTES (INSULATED CONDITION)

- 1) INSTALL THE EAVE PLATES AS SHOWN AT RIGHT. MITER CORNERS AND CAULK THE EAVE PLATES AT THE CORNER WITH H1012 TUBE CAULK.
- 2) AFTER THE INSTALLATION OF THE EAVE PLATES AND BEFORE ROOF PANEL INSTALLATION, START AT THE LOW EAVE AND RUN PARALLEL ALONG BOTH SIDES OF THE HIP AS SHOWN IN EAVE PLATE AND ANGLE DETAIL. COPE THE VERTICAL LEG OF THE ANGLE AT EACH PURLINE LOCATION. FASTEN ANGLE TO PURLINE WITH (2) H1020 FASTENERS AT EACH PURLINE LOCATION.
- 3) IF THE INSULATION PAN (IF SUPPLIED) MK HP-120 (2) H1020 AT EACH SUPPORT CONTINUOUS ANGLE MK MK1001 FIELD CORE AROUND PURLINS.
- 4) INSTALL THE ROOF PANELS. FIELD CUT THE PANELS AT THE REQUIRED ANGLE, 2" DOWN FROM THE HIP CENTERLINE. THEN INSTALL THE HBT120 AT THE END OF THE PANEL. CUT EDGE. FASTEN WITH (1) H1020 FASTENER PER PANEL.
- 5) INSTALL THE OUTSIDE CLOSURES. ALONG WITH THE FOLLOWING NOTES 6 AND 7 BELOW. REFER TO THE OUTSIDE CLOSURE MODIFICATION METHOD DETAILS BELOW FOR FURTHER INSTRUCTIONS OF HOW TO MODIFY AND INSTALL THE OUTSIDE CLOSURES.
- 6) APPLY 1 1/2" TAPE MASTIC (MK1001) TO THE BOTTOM OF THE MODIFIED OUTSIDE CLOSURES. THEN PLACE THE VERTICAL LEG OF THE OUTSIDE CLOSURES 3" FROM THE EDGE OF THE HBT120. FASTEN CLOSURES INTO PANEL AND THROUGH THE HBT120 BACKER WITH (2) H1020 FASTENERS. AND (1) AT EACH SHOULDER. INSPECT FOR WEATHERTIGHTNESS AND APPLY TUBE CAULK (H1012) AS REQUIRED.
- 7) APPLY 1 1/2" TAPE MASTIC (MK1001) TO THE TOP OF THE MODIFIED OUTSIDE CLOSURES. AT THE GAP BETWEEN THE OUTSIDE CLOSURES. APPLY A SECTION OF THE RIB JAY (HRJ121) WITH (2) H1020 FASTENERS AND (2) LAYERS OF 1 1/2" TAPE MASTIC (MK1001) ON THE PANEL. RIB ACROSS THE RIB JAY. SEE RIB JAY AND MASTIC INSTALLATION SECTION FOR GUIDANCE.
- 8) INSTALL THE HIP FLASH BY CENTERING IT OVER THE MODIFIED OUTSIDE CLOSURES AND FASTEN WITH H1020 SCREWS AT 1' ON CENTER.
- 9) FIELD WORK THE HIP FLASH AS REQUIRED AT THE ENDS TO ENSURE WEATHERTIGHTNESS. REFER TO THE DETAILS AT FAR RIGHT FOR A SUGGESTED METHOD OF TRANSITIONING THE HIP FLASH INTO THE RIDGE CAP.



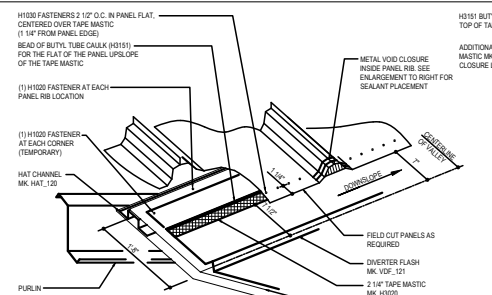
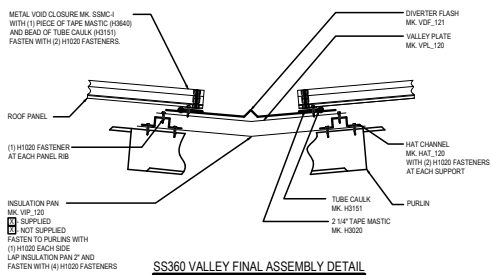
Detailer Notes:

- 1) N/A

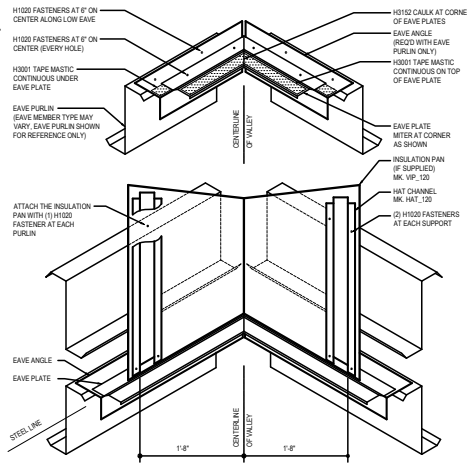
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VALLEY CONDITION ERECTION NOTES

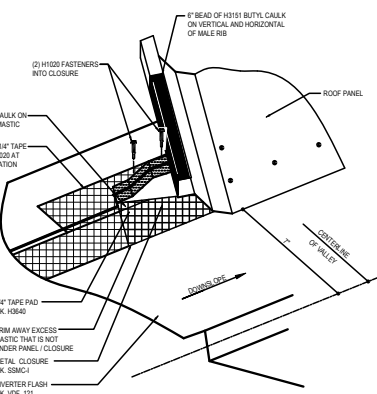
- 1) INSTALL THE EAVE GUTS AND INSTALLATION PANS AS SHOWN AT RIGHT. THE EAVE GUTS ARE TO BE ADDED TO THE VALLEY GUTS TO BE CALLED REFERENCE BAKE INSTALLATION DATE FOR FURTHER GUIDANCE.
- 2) NEXT, IF INSULATION PAN IS SUPPLIED, START AT THE LOW EAVE AND PLACE THE INSULATION PAN IN THE VALLEY AND FASTEN WITH #10 HXSD FASTENERS AT EACH PANEL. FIELD MOUNT THE INSULATION PAN IN THE EAVE PANE. LAP THE INSULATION PANS 2" AND FASTEN WITH #10 HXSD FASTENERS.
- 3) INSTALL THE INSULATION OVER THE INSULATION PAN. IF NO INSULATION PAN, INSTALL INSULATION DIRECTLY OVER PAPER. EITHER CASE, FASTEN WITH #10 HXSD FASTENERS AND #2020 INSULATION STUDS AS SHOWN.
- 4) NEXT, START AT THE LOW EAVE AND PLACE THE TAP CHANNEL. THE CHANNELS ARE BOTH SIZES OF THE #10 IF FROM THE CENTER OF THE VALLEY, AS SHOWN. FASTEN TO EACH PANEL WITH #2 HXSD FASTENERS.
- 5) CENTER THE VALLEY PLATE OVER THE HAT SECTIONS. AT THE EAVE, RISE, EXTEND THE PLATE TO THE EDGE OF THE ROOF PANEL. FIELD CUTTING AS REQUIRED. FASTEN VALLEY PLATE TO #10 CHANNEL INSIDE. FASTEN TO EACH PANEL AS SHOWN. LAP THE VALLEY PLATE 2" & FASTEN WITH #10 HXSD FASTENERS.
- 6) PLACE THE DISCREET FLASH OVER THE VALLEY PLATE AND TEMPORARILY FASTEN AT #10 HXSD FASTENER AT THE OUTSIDE CORNERS OF THE VALLEY PLATE. **DO NOT** USE THE VALLEY AS A JOINT OR AS A WORK PLACE.
- 7) INSTALL THE 1/4" TAP MATS (H2020) ON THE DOWNFALL FLASH 1" BACK FROM THE CENTER OF THE VALLEY. AS SHOWN. DO NOT REMOVE PAPER BACKING FROM THE CENTER OF THE VALLEY. ALSO, FASTEN TO EACH PANEL WITH #10 HXSD FASTENERS AT THE EDGE OF THE PANEL OVERLAP OF THE TAP MATS. ALSO ADDITIONAL 12" PITCH OF MATS AT DISCREET FLASH.
- 8) INSTALL THE ROOF PANELS - CUTTING EDGES AT THE REQUIRED ANGLE. CL PANELS 7" FROM THE CENTER OF THE VALLEY PLATE. NOTE: KEEP WATER TIGHTNESS OF THE EAVE AND VALLEY. REMOVE TEMPORARY FASTENERS IF NEEDED.
- 9) INSTALL THE METAL VOD CLOSURE. AS THE PANELS ARE EAVE END INSTALLED, REMOVE THE PAPER BACKING FROM THE 2" & 1" TAP MATS AND REMOVE THE VOD CLOSURE IN THE MATS. FASTEN WITH #10 HXSD FASTENERS AT EACH PANEL. FASTEN TO EACH PANEL WITH #10 HXSD AND A HARD TOE CURE TALK #01515 ON THE CLOSURE. SEE DETAIL BELOW.
- 10) BEFORE THE METAL EAVE END, APPLY A READ TO TUBE CULK (#01515) TO THE MALE END OF THE PANEL. FROM THE LOW END OF THE PANEL, UP TO ENSURE WEATHER TIGHTNESS, AS SHOWN IN THE CULK DETAIL.
- 11) FASTEN PANELS WITH #10 HXSD FASTENERS 12" O.C. OVER THE TAPE MATS. FASTENERS 9" UP FROM THE CENTER OF THE VALLEY PLATE. FROM THE CENTER OF THE FASTENERS, TAKE SPECIAL CARE AT THIS POINT TO MAINTAIN PANEL MODULARITY.
- 12) FIELD WORK THE HIGH AND LOW PANS OF THE VALLEY AS REQUIRED TO ENSURE WEATHER TIGHTNESS.



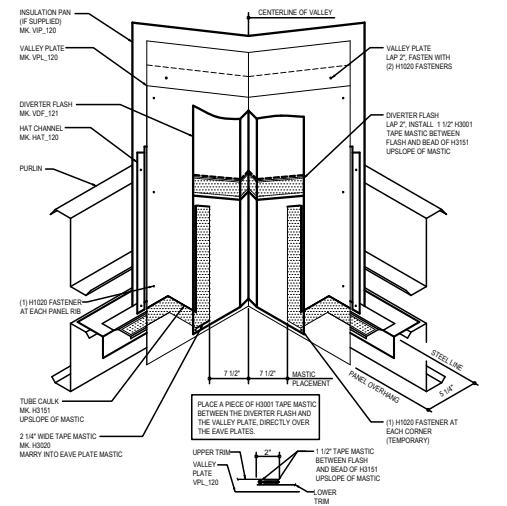
MASTIC AND VOID CLOSURE DETAIL AT VALLEY
SEE ERECTION NOTES 8, 9, 10, AND 11



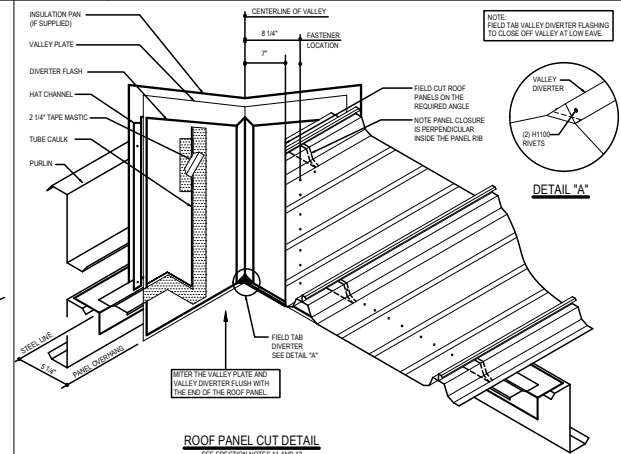
INSULATION PAN., EAVE PLATE, AND HAT CHANNEL DETAIL AT LOW EAVE CORNER



ENLARGED VIEW



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



ROOF PANEL CUT DETAIL
SEE ERECTION NOTES 11 AND 12

SS360 VALLEY CONDITION

FP6040

Detailer Notes:

- 1) N/A

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VALLEY CONDITION ERECTION NOTES

- 1) INSTALL THE EAVE GUTS AND EAVE PLATES AS SHOWN AT RIGHT. THE EAVE PLATES ARE TO BE ADDED TO THE EAVE GUTS TO PROVIDE A WEATHER TIGHT SEAL. SEE THE EAVE GUTS AND EAVE PLATE REFERENCE BASIC INSTALLATION DATA FOR FURTHER GUIDANCE.
- 2) NEXT, IF INSULATION PANEL IS SUPPLIED, START AT THE LOW EAVE AND PLACE THE INSULATION PANEL IN THE VALLEY AND FASTEN WITH #10 HXSD FASTENERS AT EACH PANEL. FIELD MOUNT THE INSULATION PANEL IN THE EAVE PLATE. LAP THE INSULATION PANELS 2" AND FASTEN WITH #10 HXSD FASTENERS.
- 3) INSTALL THE INSULATION OVER THE INSULATION PANEL. IF NO INSULATION PANEL INSTALL INSULATION DIRECTLY OVER PANELS. EITHER CASE, FASTEN WITH #10 HXSD FASTENERS AND #2020 INSULATION STUDS AS SHOWN.
- 4) NEXT, START AT THE LOW EAVE AND PLACE THE TIE CHANNEL. THE TIE CHANNELS ARE BUILT USING THE #10 HXSD FASTENERS IN THE VALLEY, AS SHOWN. FASTEN TO EACH PANEL WITH #2 HXSD FASTENERS.
- 5) CENTER THE VALLEY PLATE OVER THE HATCH SECTIONS. AT THE EAVE, RAKE, EXTEND THE PLATE TO THE EDGE OF THE ROOF PANEL. FIELD CUTTING AS REQUIRED. FASTEN VALLEY PLATE TO #10 CHANNEL INSIDE. FASTEN TO EACH PANEL WITH #10 HXSD FASTENERS. LAP THE VALLEY PLATE 2" FASTEN WITH #10 HXSD FASTENERS.
- 6) PLACE THE DISCREET FLASH OVER THE VALLEY PLATE AND TEMPORARILY FASTEN WITH #10 HXSD FASTENER AT THE OUTSIDE CORNERS OF THE VALLEY PLATE. **DO NOT** USE THE VALLEY AS A JOINT OR AS A WORK PLATFORM.
- 7) INSTALL THE 1/4" TAPES. **DO NOT** ON THE DOWNFALL FLASH 1/2" FROM THE CENTER OF THE VALLEY. **DO NOT** REMOVE PAPER BACKING FROM THE EAVE PLATE. ALSO, FASTEN EACH TAPES TO THE EAVE PLATE (H0151) FOR THE TAPES TO BE THE PANEL. **DO NOT** REMOVE PAPER BACKING FROM THE EAVE PLATE. ADDITIONAL 1/2" OF TAPES AT THE EAVE PLATE.
- 8) INSTALL THE ROOF PANELS. CUTTING EDGES AT THE REQUIRED ANGLE. CLIP PANELS 7" FROM THE CENTER OF THE VALLEY PLATE. **NOTE:** KEEP TIE CHANNEL AND EAVE PLATE AND VALLEY. REMOVE TIE CHANNEL AND EAVE PLATE IF REQUIRED.
- 9) INSTALL THE METAL VDO CLASURE. AS THE PANELS ARE EAVE GUTS INSTALLED, REMOVE THE PAPER BACKING FROM THE 2" TAPES. FASTEN EACH TAPES AND SEAT THE VDO CLASURE IN THE METAL VDO CLASURE. FASTEN WITH #10 HXSD FASTENERS. FASTEN TO EACH PANEL WITH #10 HXSD FASTENERS. A BEAD OF THE TIE CHANNEL INSULATION TO THE CLASURE. SEE DETAIL BELOW.
- 10) BEFORE THE METAL VDO CLASURE, APPLY A BEAD OF TIE CHANNEL (H0151) TO THE MALE SIDE OF THE PANEL. FROM THE LOW EAVE OF THE PANEL UP TO ENSURE WEATHER TIGHTNESS. AS SHOWN IN THE CALL OUT DATA.
- 11) FASTEN PANELS WITH #10 HXSD FASTENERS 2 1/2" C/C. OVER THE TAPES. FASTENERS 15" UP FROM THE CENTER OF THE VALLEY PLATE. FASTEN AT THE CENTER OF THE FASTENERS. TAKE SPECIAL CARE AT THIS POINT TO MAINTAIN PANEL MODULARITY.
- 12) FIELD WORK THE HIGH AND LOW DAPS OF THE VALLEY AS REQUIRED TO ENSURE WEATHER TIGHTNESS.

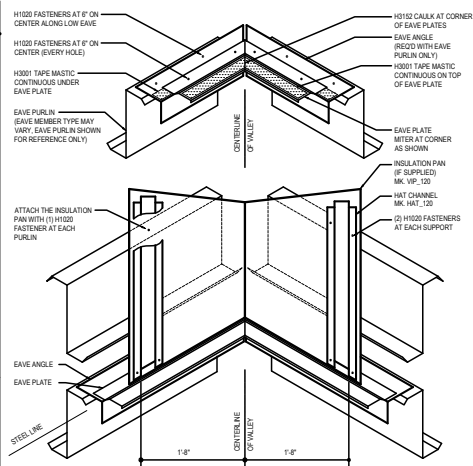
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- Diagram illustrating the SSI Valley Final Assembly Detail. The assembly shows the connection between two roof panels, secured by a diverter flash, valley plate, and hat channel, fastened with H1020 fasteners. The assembly is supported by a purlin and insulation.
- Labels and components shown in the diagram:
- DIVERTER FLASH MK_VFL_121
 - VALLEY PLATE MK_VLP_120
 - TUBE CAULK MK_40151
 - HAT CHANNEL MK_HAT_120 WITH (2) H1020 FASTENERS AT EACH SUPPORT
 - PURLIN
 - INSULATION MK_150
 - ROOF PANEL
 - (1) H1020 FASTENER AT EACH PANEL RIB
 - (2) H1020 FASTENER AT EACH PANEL RIB
- Legend:
- INSULATION MK_150: SUPPLIED
 - HAT CHANNEL MK_HAT_120: NOT SUPPLIED
 - TUBE CAULK MK_40151: NOT SUPPLIED
- FASTEN TO PURLIN WITH (1) H1020 EACH SIDE
- LAP INSULATION PANEL 2' AND FASTEN WITH (4) H1020 FASTENERS
- SSI VALLEY FINAL ASSEMBLY DETAIL

SSII VALLEY FINAL ASSEMBLY DETAIL

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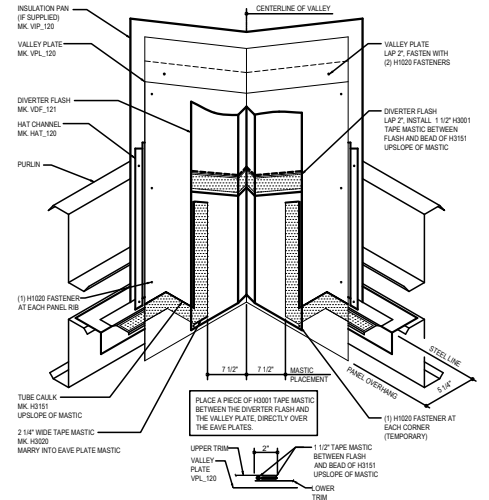
MASTIC AND VOID CLOSURE DETAIL AT VALLEY

SEE ERECTION NOTES 8, 9, 10, AND 11



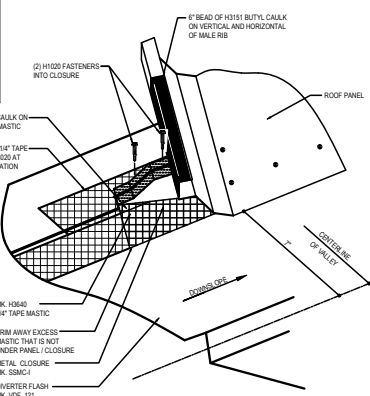
INSULATION PAN, EAVE PLATE, AND HAT CHANNEL DETAIL AT LOW EAVE CORNER

SEE ERECTION NOTES 1, 2, 3 AND 4

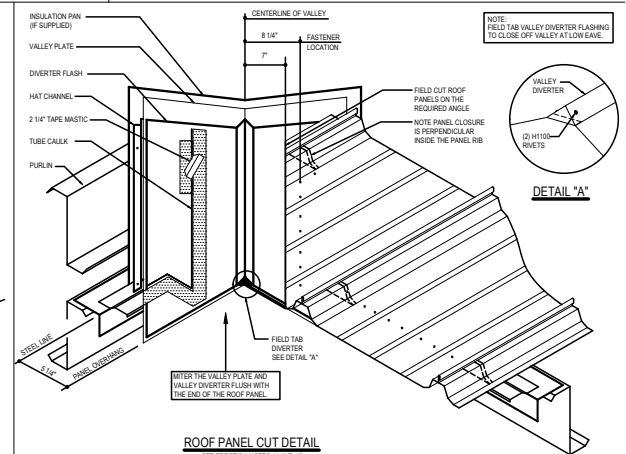


VALLEY PLATE AND DIVERTER FLASH DETAIL AT LOW EAVE CORNER

SEE ERECTION NOTES 5, 6 AND 7



ENLARGED VIEW



ROOF PANEL CUT DETAIL

SEE ERECTION NOTES 11 AND 12

SSII VALLEY CONDITION

EP6040

Detailer Notes:

- 1) N/A