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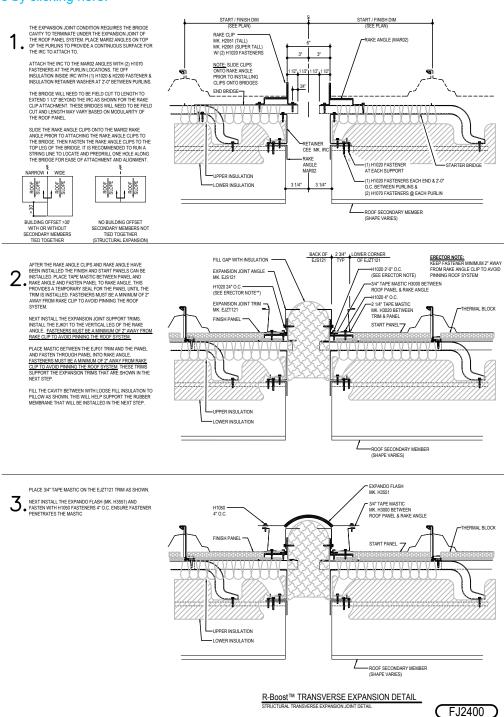
EXPANSION JOINT

FJ2400-TRANSVERS EXPANSION - STRUCTURAL FJ2405-TRANSVERS EXPANSION - STRUCTURAL AT EXISTING FJ2500-ROOF STEP (EXPANSION) FJ2750-ROOF STEP TERMINATION - TRAP



FJ2400 - TRANSVERSE EXPANSION DETAIL - STRUCTURAL

Download the DWG file by clicking here.



Detailer Notes:

1) THIS DETAIL IS USED WHEN TWO ROOF PLANES HAVE ROOF SECONDARY MEMBERS THAT ARE NOT CONNECTED (INDEPENDENT BUILDINGS).

Issued: 10.14.22 (2020-039) CERTIFIED ERECTION DETAILS Detail Size (W x H): 2 x 3



FJ2405 - TRANSVERSE EXPANSION DETAIL - STRUCTURAL AT EXISTING

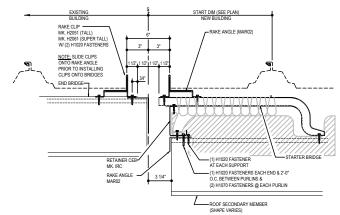
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ATTACH THE IRC TO THE MAR02 ANGLES WITH (2) H1070 FASTENERS AT THE PURLIN LOCATIONS. TIE OF INSIDE IRC WITH (1) H1020 & H2200 FASTENER & INSULATION RETAINER WASHER AT 2-0" BETWEEN PURLINS.

THE BRIDGE WILL NEED TO BE FIELD CUT TO LENGTH TO EXTEND 1 1/2" BEYOND THE IRC AS SHOWN FOR THE RAKE CLIP ATTACHMENT. THESE BRIDGES WILL NEED TO BE FIELD CUT AND LENGTH MAY VARY BASED ON MODULARITY OF THE ROOF PANEL.

SLIDE THE RAKE ANGLE CLIPS ONTO THE MARIZ RAKE ANGLE PRIOR TO ATTACHING THE RAKE ANGLE CLIPS TO THE BRIDGE. THEN FASTEN THE RAKE ANGLE CLIPS TO THE TOP LEG OF THE BRIDGE. THIS RECOMMENDED TO RUN A STRING LINE TO LOCATE AND PREDRILL ONE HOLE ALONG THE BRIDGE FOR EASE OF A TOWNSHIP TO THE WAY TO THE THINGS FOR FASTE OF THE PRINCIPS FOR FASTE OF THE THEN THE TOWN FOR THE STRINGS FOR FASTE OF THE THEN THE TOWN FOR THE STRINGS FOR THE STRINGS FOR THE THEN THE TOWN FOR THE STRINGS FOR THE STRING

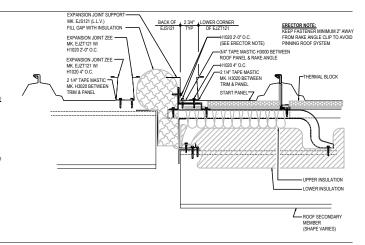


AFTER THE RAKE ANGLE CLIPS AND RAKE ANGLE HAVE BEEN INSTALLED THAT FINISH AND START PANELS CAN BE INSTALLED THAT FAR MASTIC BETWEEN PANEL AND A PARE MORE AND FASTEN PANEL TO RAKE ANGLE THIS PROVIDES A TEMPORARY SEAL FOR THE PANEL UTILITY THIS IS INSTALLED. PASSIVERS MISSITED AS MINIMUM OF 2" ANNAY FROM PANE CLIP TO AVOID PINNING THE ROOF SYSTEM.

NEXT INSTALL THE EXPANSION JOINT SUPPORT TRIMS.
INSTALL THE EJKOI TO THE VERTICAL LEG OF THE RAKE
ANGLE. FASTENERS MUST BE A MINIMUM OF 2" AWAY FROM
RAKE CLIP TO AVOID PINNING THE ROOF SYSTEM.

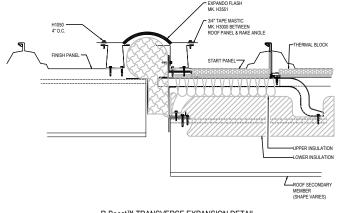
PLACE MASTIC BETWEEN THE EJF01 TRIM AND THE PANEL AND FASTEN THROUGH PANEL INTO RAKE ANGLE. FASTENERS MUST BE A MINIMUM OF 2° AWAY FROM RAKE CUIP TO AVOID PRINNING THE ROOF SYSTEM. THESE TRIMS SUPPORT THE EXPANSION TRIMS THAT ARE SHOWN IN THE NEXT STEP.

FILL THE CAVITY BETWEEN WITH LOOSE FILL INSULATION TO PILLOW AS SHOWN. THIS WILL HELP SUPPORT THE RUBBER MEMBRANE THAT WILL BE INSTALLED IN THE NEXT STEP.



PLACE 3/4" TAPE MASTIC ON THE EJZT121 TRIM AS SHOWN

3 NEXT INSTALL THE EXPANDO FLASH (MK. H3551) AND FASTEN WITH H1050 FASTENERS 4" O.C. ENSURE FASTENER PENETRATES THE MASTIC



R-BOOSTTM TRANSVERSE EXPANSION DETAIL STRUCTURAL TRANSVERSE EXPANSION JOINT DETAIL

FJ2405

Detailer Notes:

1) THIS DETAIL IS USED WHEN TWO ROOF PLANES HAVE ROOF SECONDARY MEMBERS THAT ARE NOT CONNECTED (INDEPENDENT BUILDINGS).

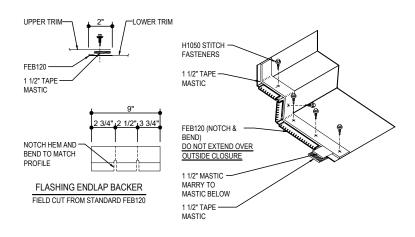


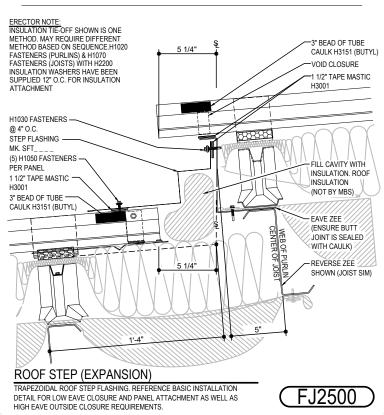
FJ2500 - ROOF STEP (EXPANSION)

Download the DWG file by clicking here.

STEP FLASHING LAP & FLASHING BACKER

SLIDE FIELD CUT SECTION FLASHING ENDLAP BACKER ONTO THE LOWER TRIM PIECE. PLACE TAPE MASTIC NEXT TO HEM OF THE BACKER (NOT ON TOP OF HEM). APPLY CONTINUOUS BEAD OF CAULK 1° FROM END OF TRIM DOWN PROFILE OF TRIM. FASTEN LAP WITH STITCH FASTENERS AS SHOWN.





Detailer Notes:

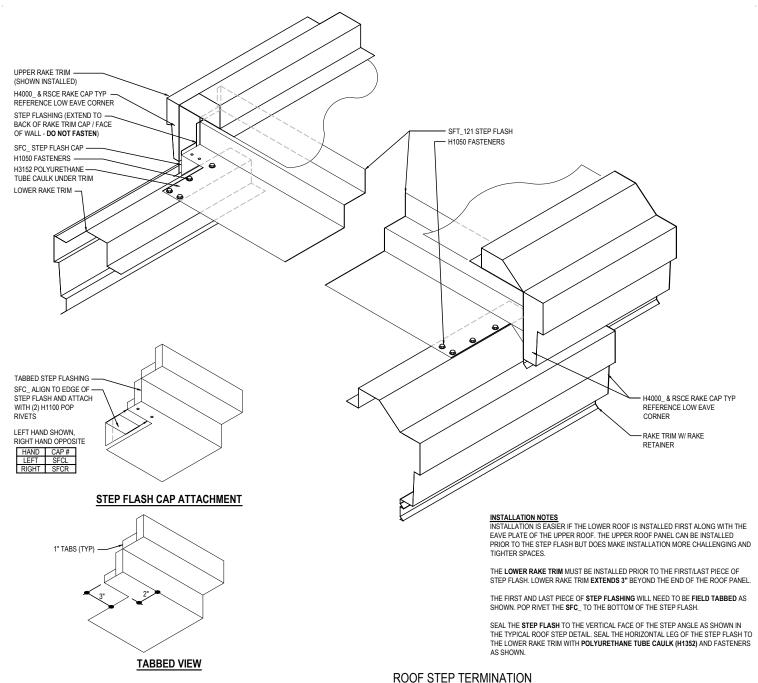
1) ROOF STEEL LINE TO ROOF STEEL LINE STEP IS 9" STANDARD WITH SAME PANEL CLIP OFFSET ON EACH ROOF. IF STEP IN ROOF STEEL LINES IS NOT 9" OR PANEL CLIPS ARE DIFFERENT, SPECIAL STEP FLASHING WILL BE REQUIRED.

Issued: 05.30.23 (MR2023.06) CERTIFIED ERECTION DETAILS Detail Size (W x H): 1 x 2



FJ2750 - ROOF STEP TERMINATION

Download the DWG file by clicking here.



TRAPEZOIDAL RIB ROOF WITH SCULPTURED RAKE TRIM REFERENCE TYPICAL ROOF STEP DETAIL FOR FURTHER INFORMATION

FJ2750

Detailer Notes:

1) THIS DETAIL IS DUPLICATE OF EJ7650. DUPLICATE DETAILS ARE TO ENSURE THAT THEY ARE PLACED IN ORDER IN ERECTION DRAWINGS

: 05.30.23 (MR2023.06) **CERTIFIED ERECTION DETAILS** Detail Size (W x H): 2 x 2 Issued