

## EXPANSION JOINT

FJ2400-TRANSVERS EXPANSION - STRUCTURAL

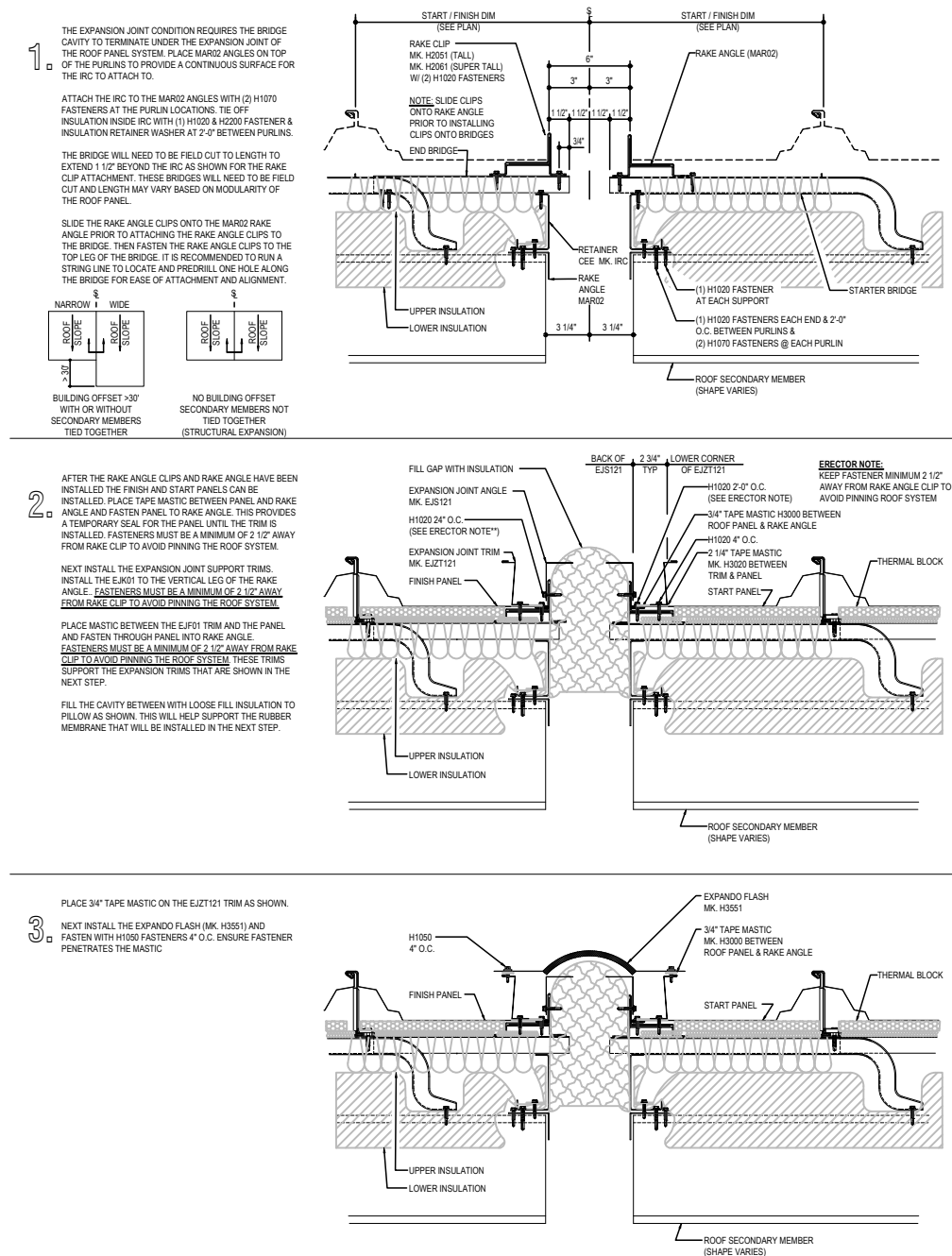
FJ2405-TRANSVERS EXPANSION - STRUCTURAL AT EXISTING

FJ2500-ROOF STEP (EXPANSION)

FJ2750-ROOF STEP TERMINATION - TRAP

## FJ2400 - TRANSVERSE EXPANSION DETAIL - STRUCTURAL

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



### R-Boost™ TRANSVERSE EXPANSION DETAIL

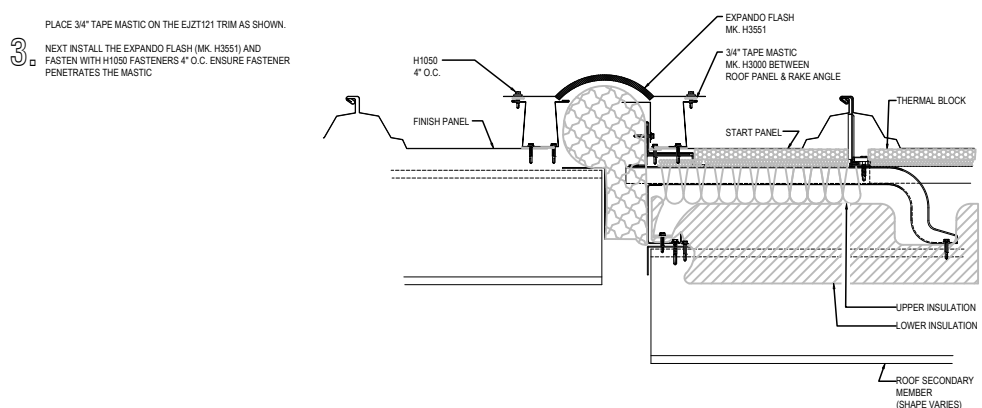
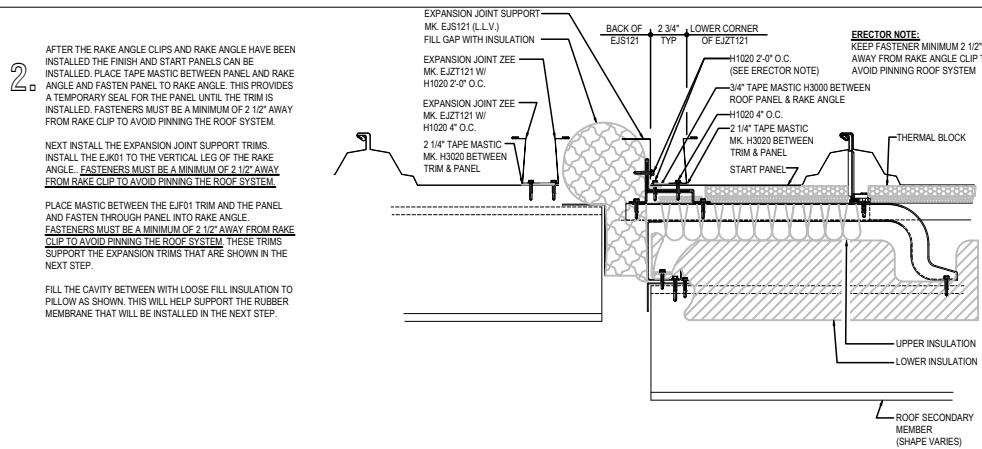
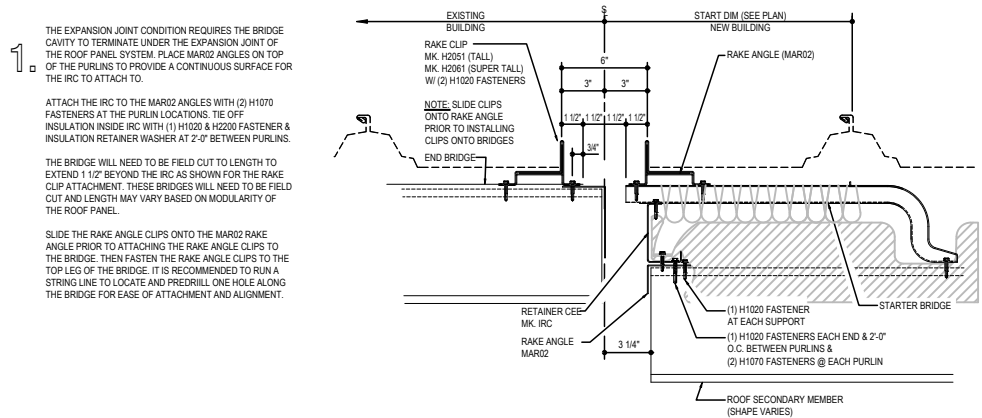
FJ2400

## Detailer Notes:

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

**FJ2405 - TRANSVERSE EXPANSION DETAIL - STRUCTURAL AT EXISTING**

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**R-Boost™ TRANSVERSE EXPANSION DETAIL**  
STRUCTURAL TRANSVERSE EXPANSION JOINT DETAIL

**FJ2405**

**Detailer Notes:**

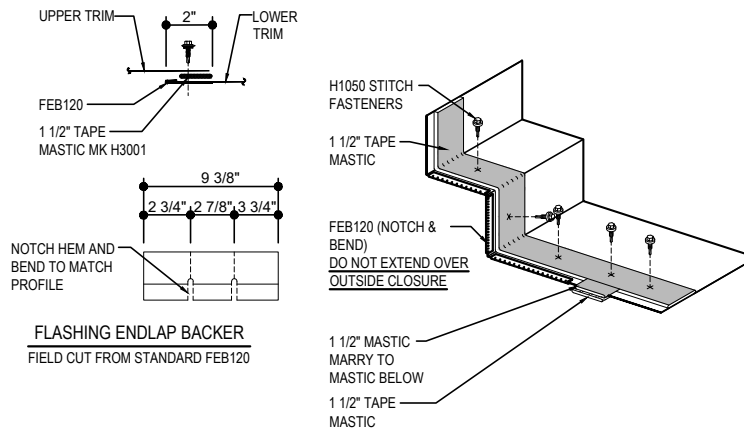
- 1) THIS DETAIL IS USED WHEN TWO ROOF PLANES HAVE ROOF SECONDARY MEMBERS THAT ARE NOT CONNECTED (INDEPENDENT BUILDINGS).

**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).

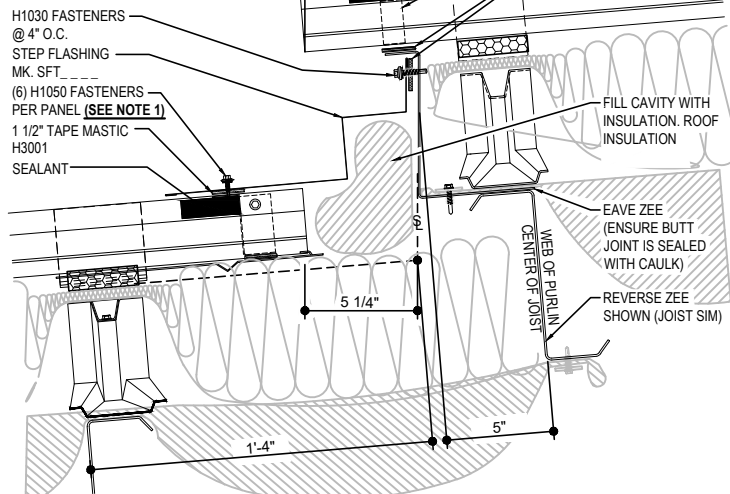


**FLASHING ENDLAP BACKER**  
FIELD CUT FROM STANDARD FEB120

**NOTE 1: REFERENCE DETAIL  
FA2076 FOR ADDITIONAL  
REQUIRED TRIM LAP FASTENER**

**NOTE:**  
SEE ROOF PANEL BASIC  
INSTALLATION DETAIL  
EA6011 FOR FASTENER AND  
SEALANT REQUIREMENTS

**ERECTOR NOTE:**  
INSULATION TIE-OFF SHOWN IS ONE  
METHOD. MAY REQUIRE DIFFERENT  
METHOD BASED ON SEQUENCE. H1020  
FASTENERS (PURLINS) & H1070  
FASTENERS (JOISTS) WITH H2200  
INSULATION WASHERS HAVE BEEN  
SUPPLIED 12" O.C. FOR INSULATION  
ATTACHMENT



**ROOF STEP (EXPANSION)**

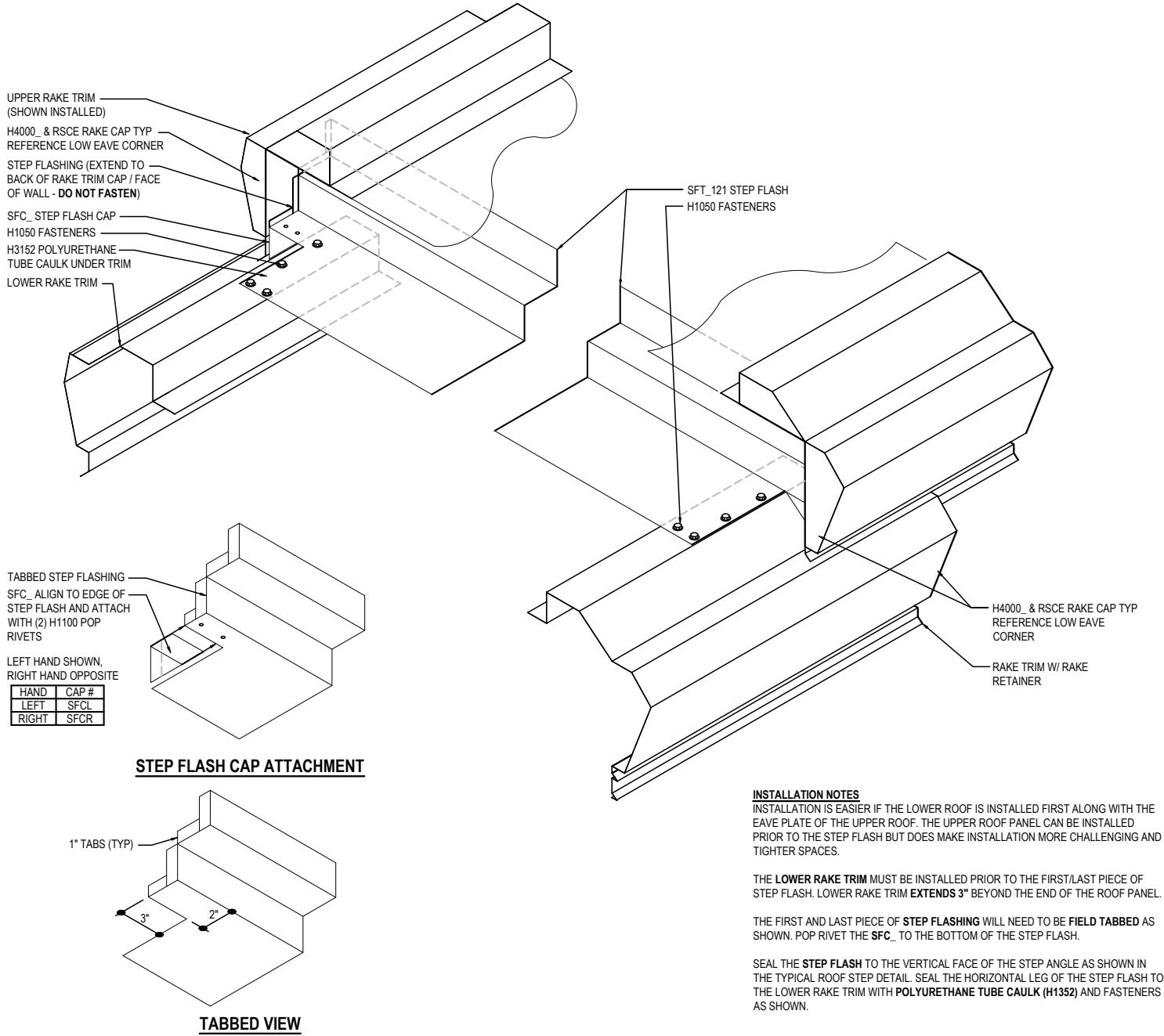
TRAPEZOIDAL ROOF STEP FLASHING. REFERENCE BASIC INSTALLATION DETAIL FOR LOW EAVE CLOSURE AND PANEL ATTACHMENT AS WELL AS HIGH EAVE OUTSIDE CLOSURE REQUIREMENTS.

**FJ2500**

**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.

FJ2750 - ROOF STEP TERMINATION  
[Download the DWG file by clicking here.](#)



ROOF STEP TERMINATION  
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