

## CONSTRUCTION JOINT

EJ6300 - TRANSVERSE CONSTRUCTION JOINT - NARROW

EJ6305 - TRANSVERSE CONSTRUCTION JOINT

## EXPANSION JOINT

EJ6400 - TRANSVERSE EXPANSION

EJ6405 - TRANSVERSE EXPANSION AT EXISTING

## ROOF STEP

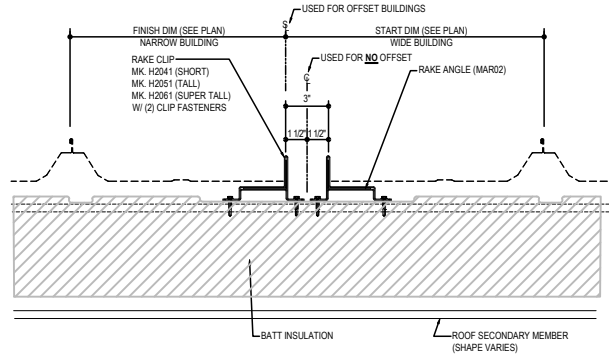
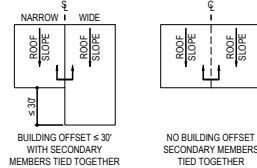
EJ6500-ROOF STEP (EXPANSION)

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**EJ6300 - TRANSVERSE CONSTRUCTION JOINT - NARROW**

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1. SLIDE THE RAKE ANGLE CLIPS ONTO THE MAR02 RAKE ANGLE PRIOR TO ATTACHING THE RAKE ANGLE CLIPS TO THE SECONDARY MEMBER. THEN FASTEN THE RAKE ANGLE CLIPS TO THE TOP LEG OF THE SECONDARY MEMBER. IT IS RECOMMENDED TO RUN A STRING LINE TO LOCATE AND PREDRILL ONE HOLE ALONG THE SECONDARY MEMBER FOR EASE OF ATTACHMENT AND ALIGNMENT.



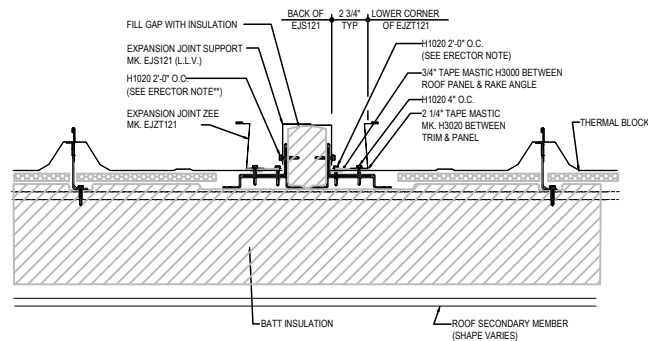
2. AFTER THE RAKE ANGLE CLIPS AND RAKE ANGLE HAVE BEEN INSTALLED THE FINISH AND START PANELS CAN BE INSTALLED. PLACE TAPE MASTIC BETWEEN PANEL AND RAKE ANGLE AND FASTEN PANEL TO RAKE ANGLE. THIS PROVIDES A TEMPORARY SEAL FOR THE PANEL UNTIL THE TRIM IS INSTALLED. FASTENERS MUST BE A MINIMUM OF 2 1/2\"/>

NEXT INSTALL THE EXPANSION JOINT SUPPORT TO THE VERTICAL LEG OF THE RAKE ANGLE. FASTENERS MUST BE A MINIMUM OF 2 1/2\"/>

PLACE MASTIC BETWEEN THE EXPANSION JOINT ZEE AND THE PANEL AND FASTEN THROUGH THE ZEE AND PANEL INTO RAKE ANGLE. FASTENERS MUST BE A MINIMUM OF 2 1/2\"/>

FILL THE CAVITY BETWEEN WITH LOOSE FILL INSULATION.

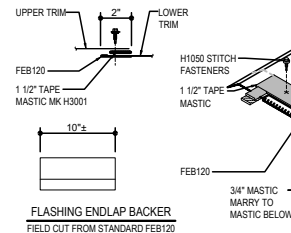
**ERECTOR NOTE:**  
KEEP FASTENER MINIMUM 2 1/2\"/>



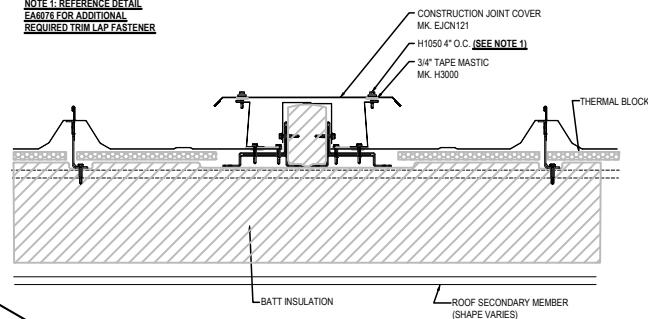
3. PLACE 3/4\"/>

**COVER LAP & FLASHING BACKER**

SLIDE FIELD CUT SECTION OF FLASHING ENDLAP BACKER ONTO THE LOWER TRIM PIECE AS SHOWN BELOW. PLACE TAPE MASTIC NEXT TO HEM OF THE BACKER (NOT ON TOP OF HEM). APPLY CONTINUOUS BEAD OF CAULK 1\"/>



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



**TRANSVERSE CONSTRUCTION JOINT**  
NON-STRUCTURAL TRANSVERSE CONSTRUCTION JOINT DETAIL

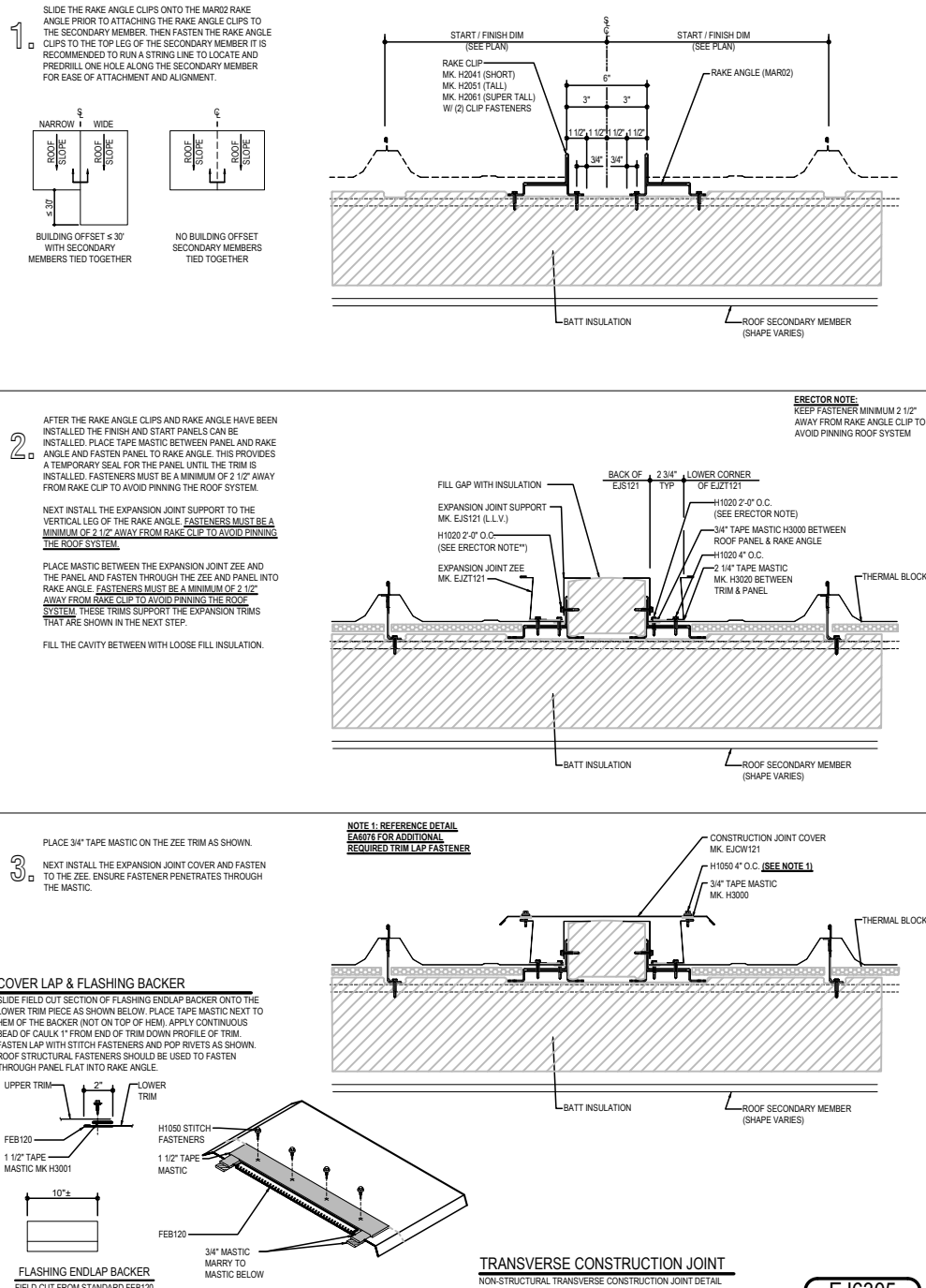
**EJ6300**

**Detailer Notes:**

- 1) THIS DETAIL IS USED TO ADJUST PANEL MODULARITY TO ACHIEVE PROPER START AND FINISH DIMENSIONS.
- 2) THIS DETAIL IS ONLY TO BE USED WHEN SECONDARY IS TIED TOGETHER. IF NOT AND BUILDINGS CAN MOVE INDEPENDENTLY OF EACH OTHER USE THE EXPANSION JOINT DETAIL.

## EJ6305 - TRANSVERSE CONSTRUCTION JOINT

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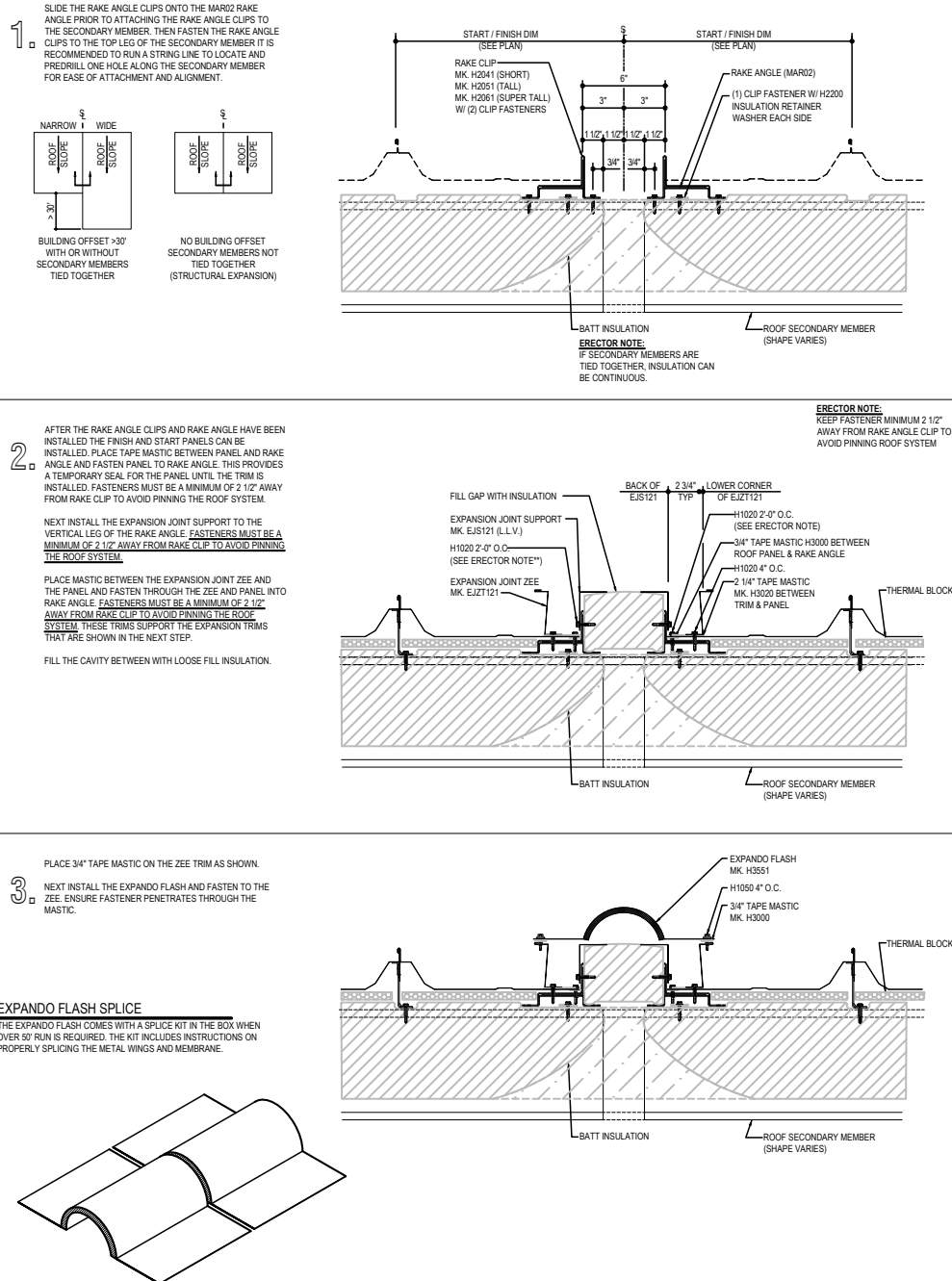


## Detailer Notes:

- 1) THIS DETAIL IS USED TO ADJUST PANEL MODULARITY TO ACHIEVE PROPER START AND FINISH DIMENSIONS.
- 2) THIS DETAIL IS ONLY TO BE USED WHEN SECONDARY IS TIED TOGETHER. IF NOT AND BUILDINGS CAN MOVE INDEPENDENTLY OF EACH OTHER USE THE EXPANSION JOINT DETAIL.

**EJ6400 - TRANSVERSE EXPANSION DETAIL**

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TRANSVERSE EXPANSION DETAIL  
STRUCTURAL TRANSVERSE EXPANSION JOINT DETAIL

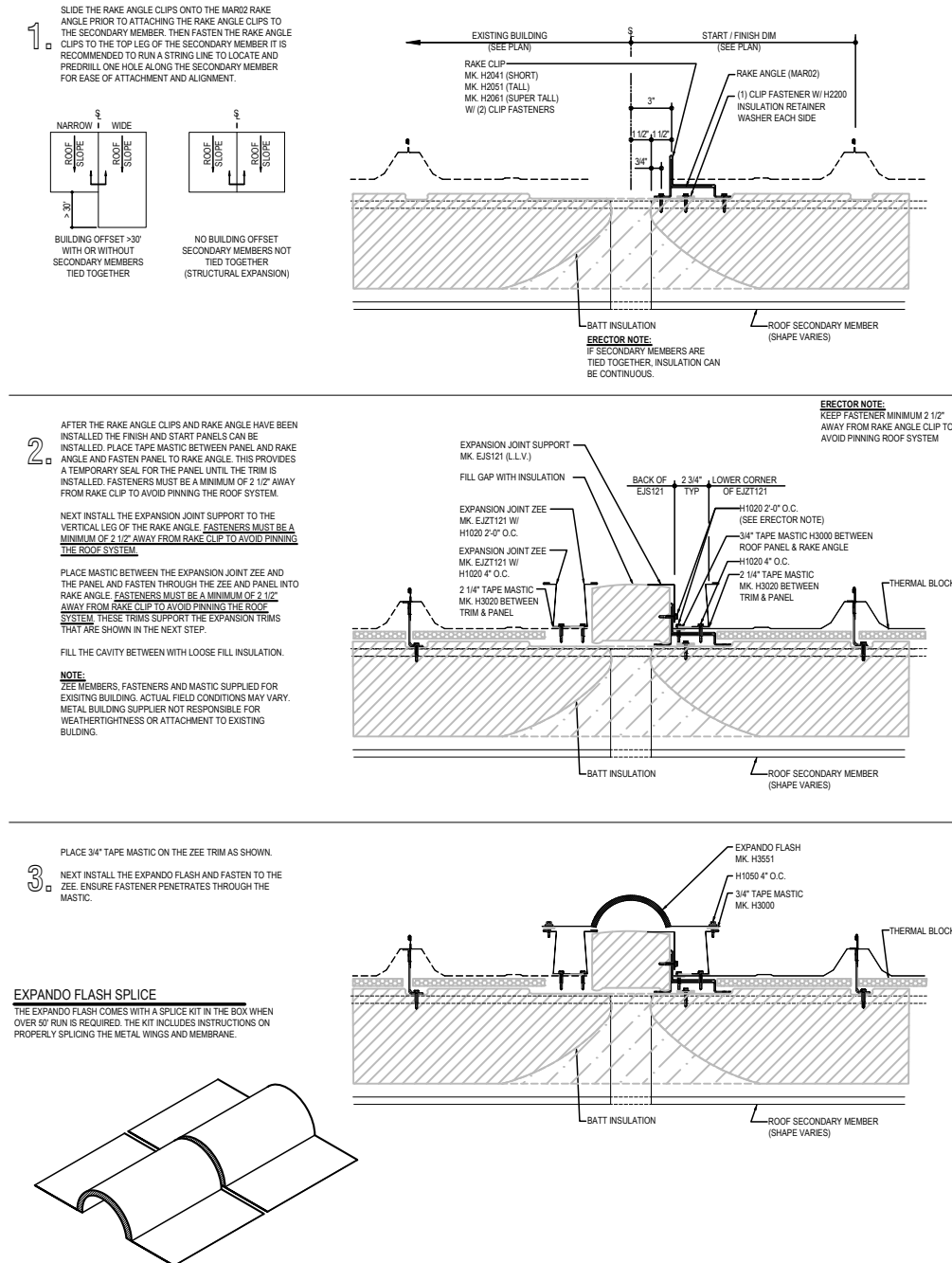
EJ6400

**Detailer Notes:**

- 1) THIS DETAIL IS USED WHEN SECONDARY MEMBERS ARE NOT TIED TOGETHER (STRUCTURAL EXPANSION) AND BUILDINGS CAN MOVE INDEPENDENTLY.
- 2) THIS DETAIL IS ALSO USED WHEN THE TWO LOW EAVES (FIXED ROOF PANEL POINT) HAVE MORE THAN A 30' OFFSET. THIS APPLIES EVEN WHEN SECONDARY MEMBERS ARE TIED TOGETHER AS THE ROOF CAN EXPAND / CONTRACT DIFFERENTLY UP SLOPE.

**EJ6405 - TRANSVERSE EXPANSION DETAIL AT EXISTING**

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TRANSVERSE EXPANSION DETAIL  
STRUCTURAL TRANSVERSE EXPANSION JOINT DETAIL

**EJ6405**

**Detailer Notes:**

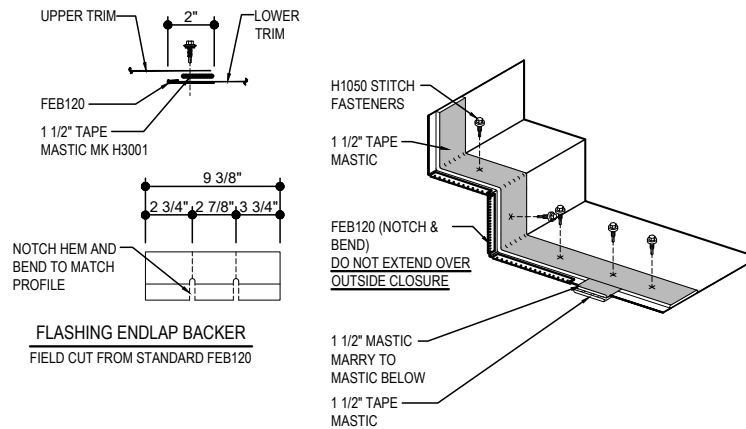
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**EJ6500 - ROOF STEP (EXPANSION)**

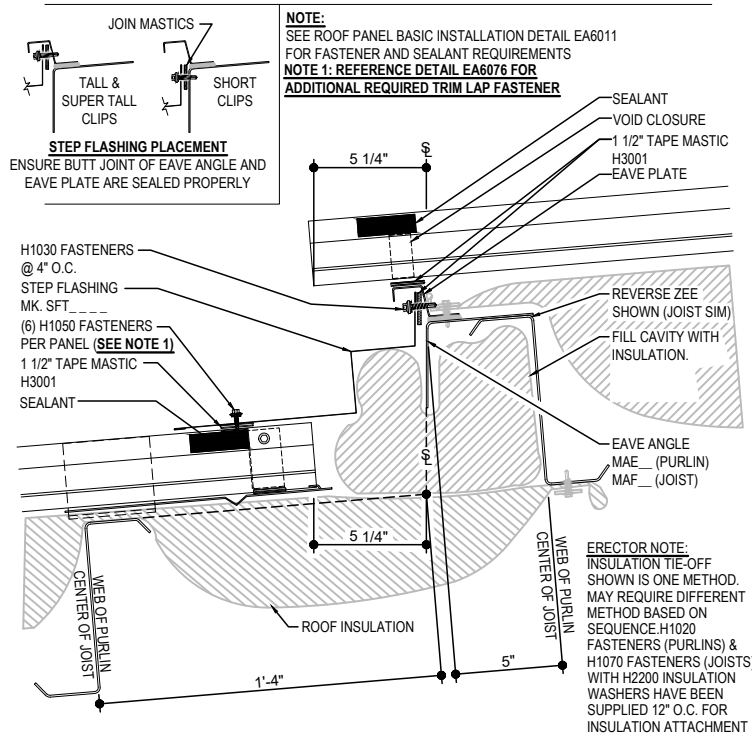
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**STEP FLASHING LAP & FLASHING BACKER**

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



**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.

**EJ6500**

**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.
- 2) ROOF STEP LOWSIDE AND ROOF STEP HIGHSIDE KITS BOTH NEED TO BE RUN TO GET ALL THE PARTS SHOWN IN THIS CED.