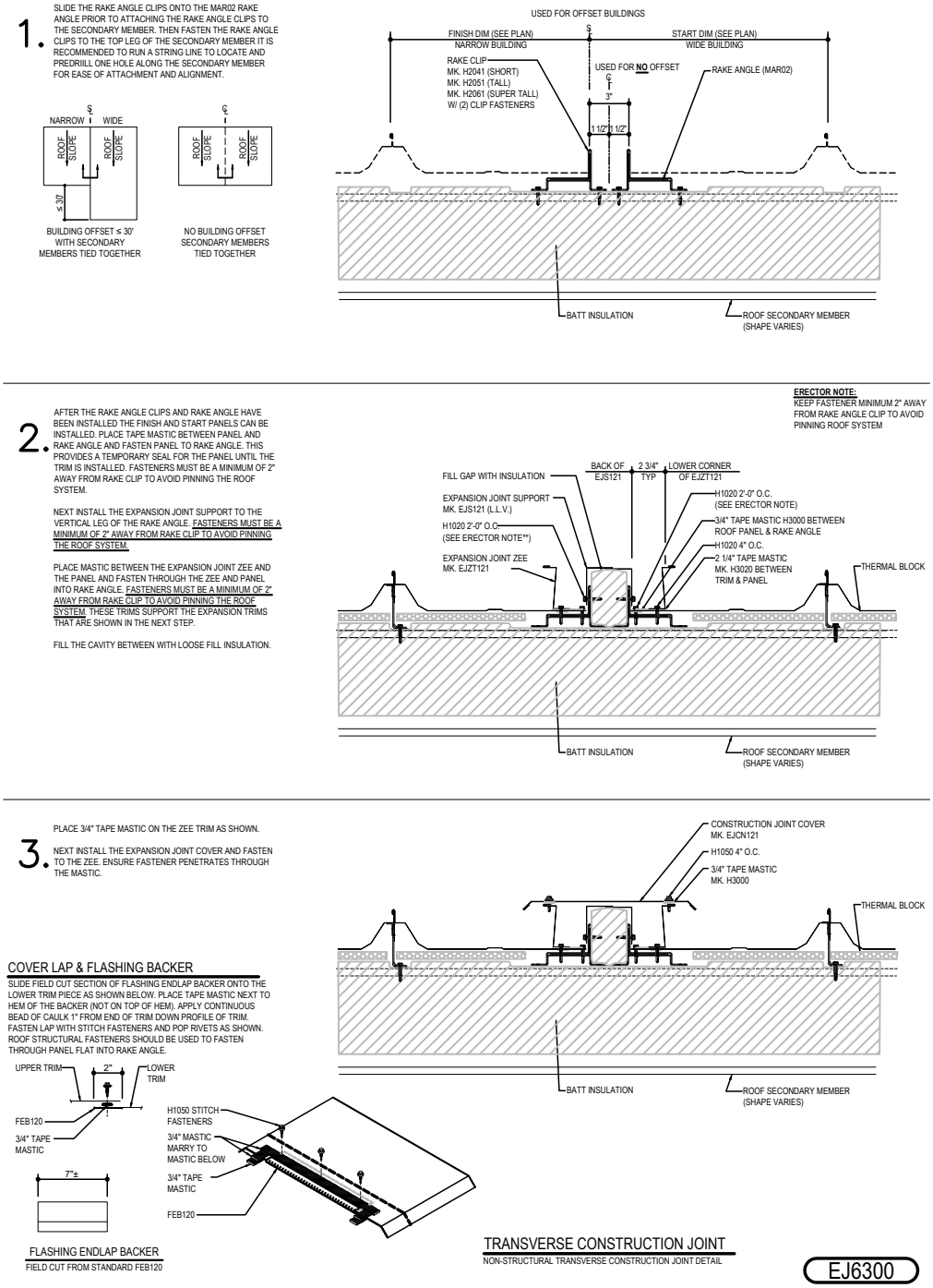
EJ6300 - TRANSVERSE CONSTRUCTION JOINT - NARROW

Download the DWG file by clicking here.

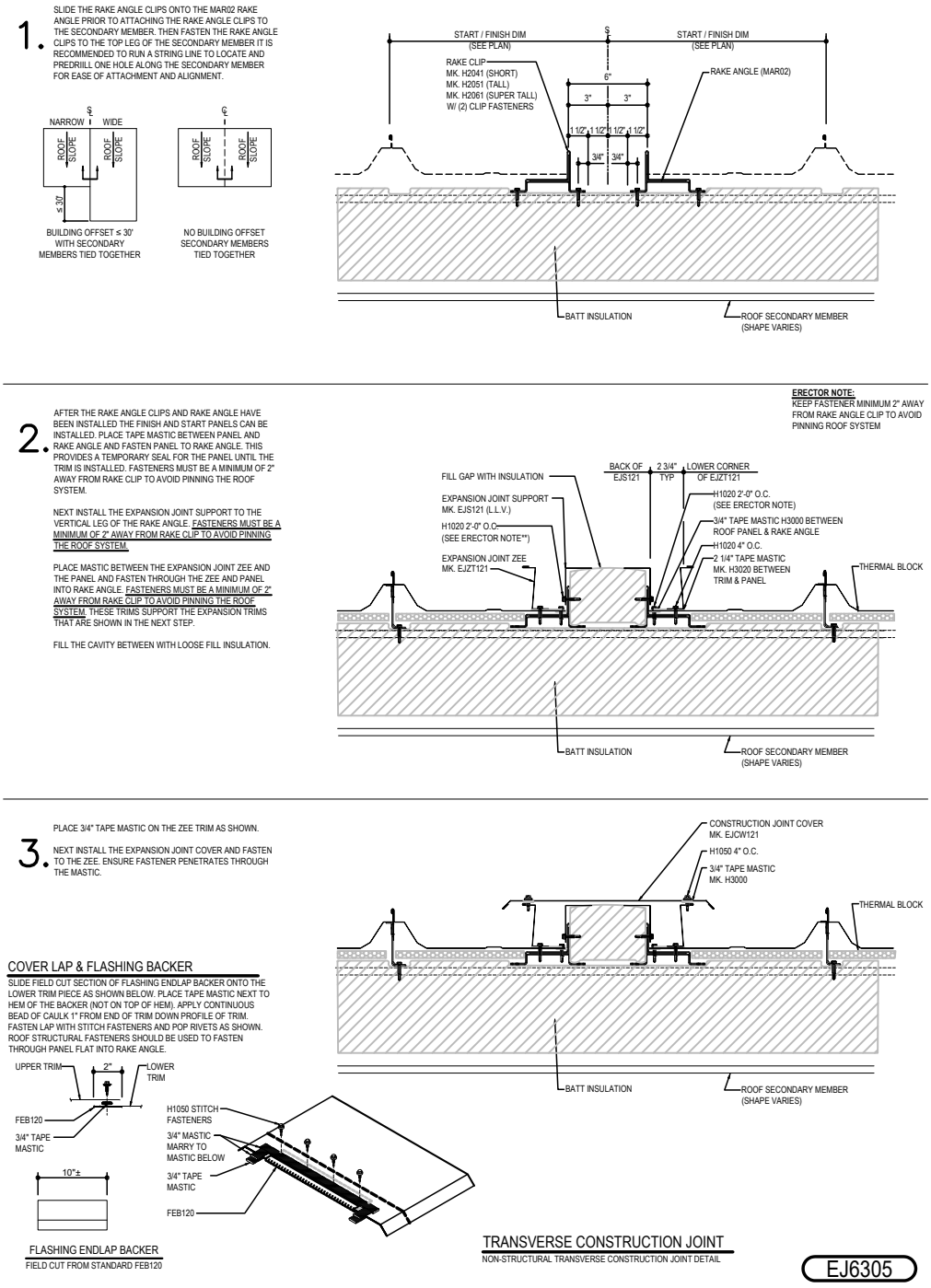


Detailer Notes:

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

Download the DWG file by clicking here.



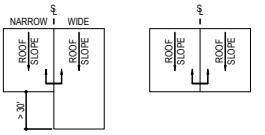
Detailer Notes:

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

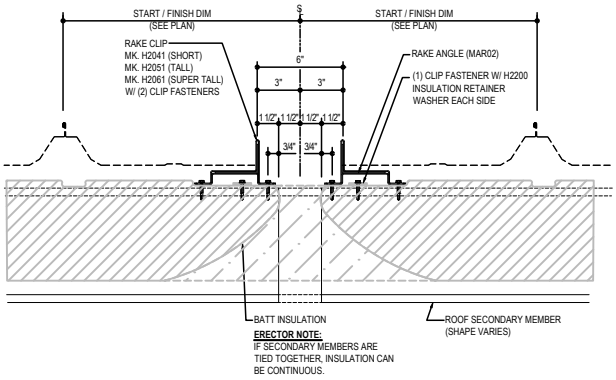
Download the DWG file by clicking here.

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 PREDRIILL ONE HOLE ALONG THE SECONDARY MEMBER FOR EASE OF ATTACHMENT AND ALIGNMENT.



BUILDING OFFSET >30' WITH OR WITHOUT SECONDARY MEMBERS TIED TOGETHER

NO BUILDING OFFSET SECONDARY MEMBERS NOT TIED TOGETHER (STRUCTURAL EXPANSION)



ERECTOR NOTE:
IF SECONDARY MEMBERS ARE TIED TOGETHER, INSULATION CAN BE CONTINUOUS.

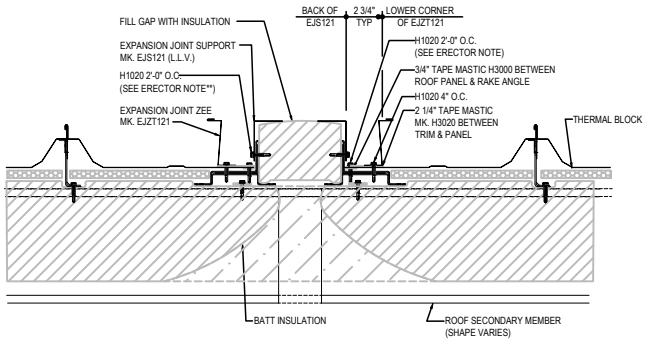
2. AFTER THE RAKE ANGLE CLIPS AND RAKE ANGLE HAVE BEEN INSTALLED THE FINISH AND START PANELS CAN BE INSTALLED. PLACE TAPE MASTIC BETWEEN PANEL AND RAKE ANGLE AND FASTEN PANEL TO RAKE ANGLE. THIS PROVIDES A TEMPORARY SEAL FOR THE PANEL UNTIL THE TRIM IS INSTALLED. FASTENERS MUST BE A MINIMUM OF 2" AWAY FROM RAKE CLIP TO AVOID PINNING THE ROOF SYSTEM.

NEXT INSTALL THE EXPANSION JOINT SUPPORT 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 EXPANSION JOINT ZEE AND THE PANEL AND FASTEN THROUGH THE ZEE AND PANEL INTO RAKE ANGLE. FASTENERS MUST BE A MINIMUM OF 2" AWAY FROM RAKE CLIP TO AVOID PINNING THE ROOF SYSTEM. THESE TRIMS SUPPORT THE EXPANSION TRIMS THAT ARE SHOWN IN THE NEXT STEP.

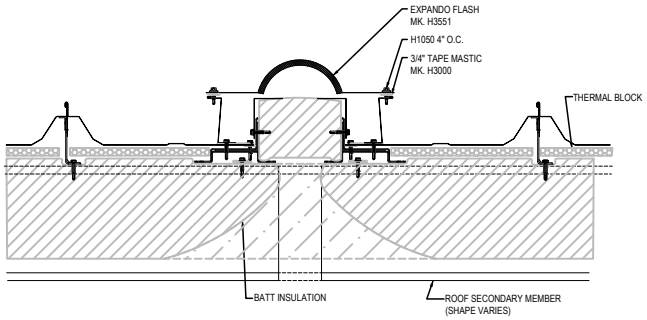
FILL THE CAVITY BETWEEN WITH LOOSE FILL INSULATION.

ERECTOR NOTE:
KEEP FASTENER MINIMUM 2" AWAY FROM RAKE ANGLE CLIP TO AVOID PINNING ROOF SYSTEM



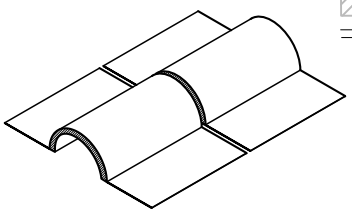
3. PLACE 3/4" TAPE MASTIC ON THE ZEE TRIM AS SHOWN.

NEXT INSTALL THE EXPANDO FLASH AND FASTEN TO THE ZEE. ENSURE FASTENER PENETRATES THROUGH THE MASTIC.



EXPANDO FLASH SPLICE

THE EXPANDO FLASH COMES WITH A SPLICE KIT IN THE BOX WHEN OVER 50' RUN IS REQUIRED. THE KIT INCLUDES INSTRUCTIONS ON PROPERLY SPLICING THE METAL WINGS AND MEMBRANE.



TRANSVERSE EXPANSION DETAIL
STRUCTURAL TRANSVERSE EXPANSION JOINT DETAIL

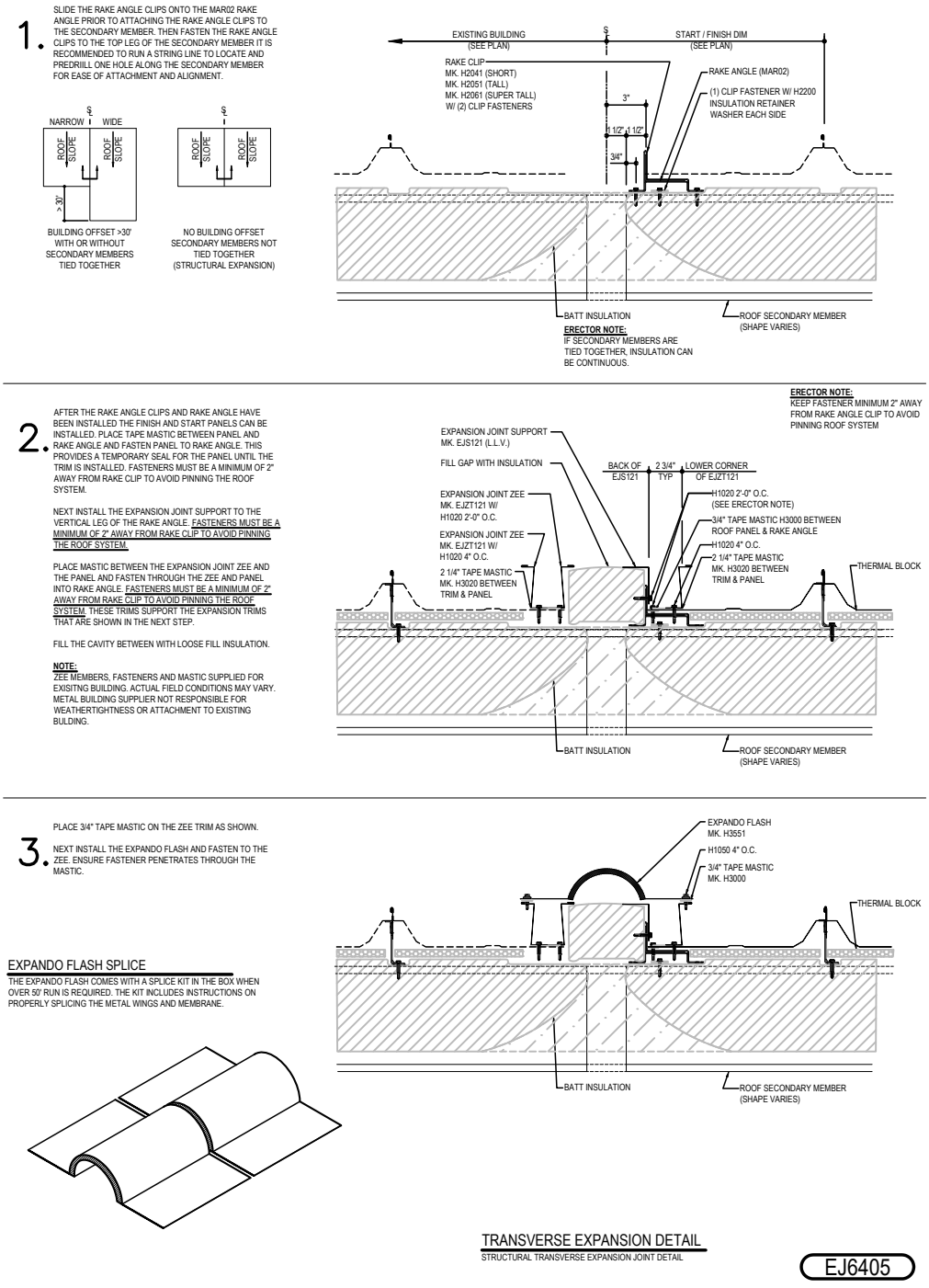
EJ6400

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

Download the DWG file by clicking here.



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.