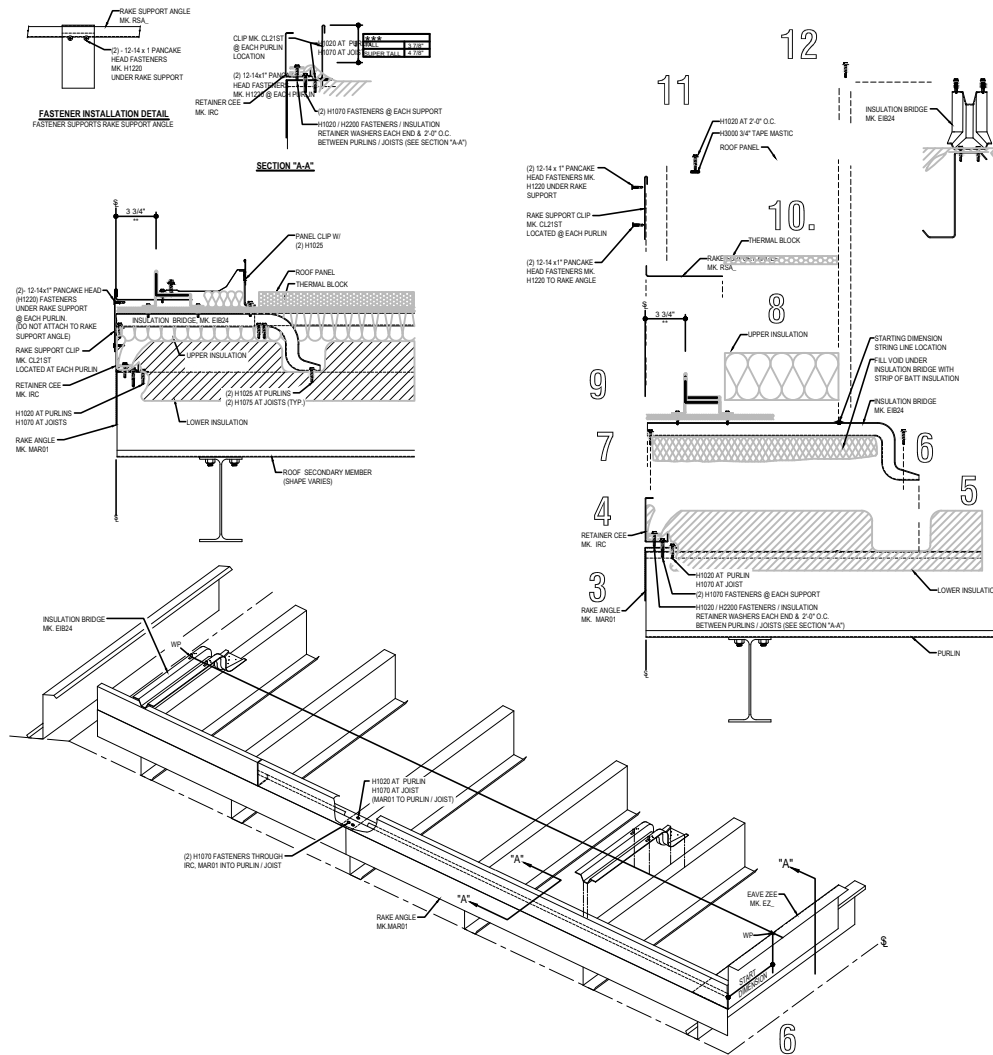


GENERAL DETAILS

- FA2010 - BRIDGE STARTER INSTALLATION
 - FA2012 - INTERMEDIATE BRIDGE INSTALLATION DETAIL
 - FA2013 - ENDING BRIDGE INSTALLATION DETAIL
 - FA2035 - CFR START - FINISH PANEL WIDTH DETAIL
 - FA2076 - TRIM LAP COMPRESSION FASTENER
-

FA2010 - BRIDGE STARTER INSTALLATION

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



1. FIELD CUT FIRST PANEL THE WIDTH HAS BEEN PRE-DETERMINED AND THE DIMENSION IS LOCATED ON THE ROOF SHEETING PLANS OF THE ERECTION DRAWINGS. THIS PANEL DIMENSION IS CONSIDERED AS THE STARTING DIMENSION.
2. FIELD CUT FIRST RUN OF INSULATION BRIDGES. THE WIDTH OF THE INSULATION BRIDGE IS MEASURED FROM THE BRIDGE LOCATING TAB TO THE END OF THE BRIDGE. THE WIDTH IS EQUAL TO THE WIDTH OF THE FIRST PANEL MINUS 1/4" (SEE BELOW AND SEE INSULATION STARTING DIMENSION DETAIL).
3. RAKE ANGLE MK MAR21 TO BE INSTALLED OVER THE ENDS OF THE PURLIN BEFORE THE INSULATION RETAINER CEE IS INSTALLED USING H1020 FASTENER AT EACH PURLIN. USE H1070 FASTENER TO ROOF JOIST. NOTE THE DETAIL THAT THE SCREW MUST BE LOCATED AT THE OUTER EDGE OF THE TOP LEG IN ORDER TO ACCEPT THE RETAINER CEE.
4. INSTALL THE RETAINER CEE MK IRC TO THE RAKE ANGLE ALIGNING BOTH TO THE STEEL LINE. ATTACH RETAINER CEE THROUGH RAKE ANGLE USING H1020 FASTENER AT EACH PURLIN. USE H1070 FASTENER TO ROOF JOIST. THE RETAINER CEE MUST BE LOCATED AT THE OUTER EDGE OF THE TOP LEG IN ORDER TO ACCEPT THE RETAINER CEE. THE RETAINER CEE AND PURLIN INSULATION BRIDGES ARE LOCATED AT EVERY PURLIN AND AT LOW EAVE ZEE.
5. ROLL OUT THE FIRST SECTION OF LOWER FACED INSULATION (TYPICALLY 6\"/>

R-Boost™ BRIDGE INSTALLATION DETAIL
BRIDGE INSTALLATION STARTING DETAIL

FA2010

Detailer Notes:

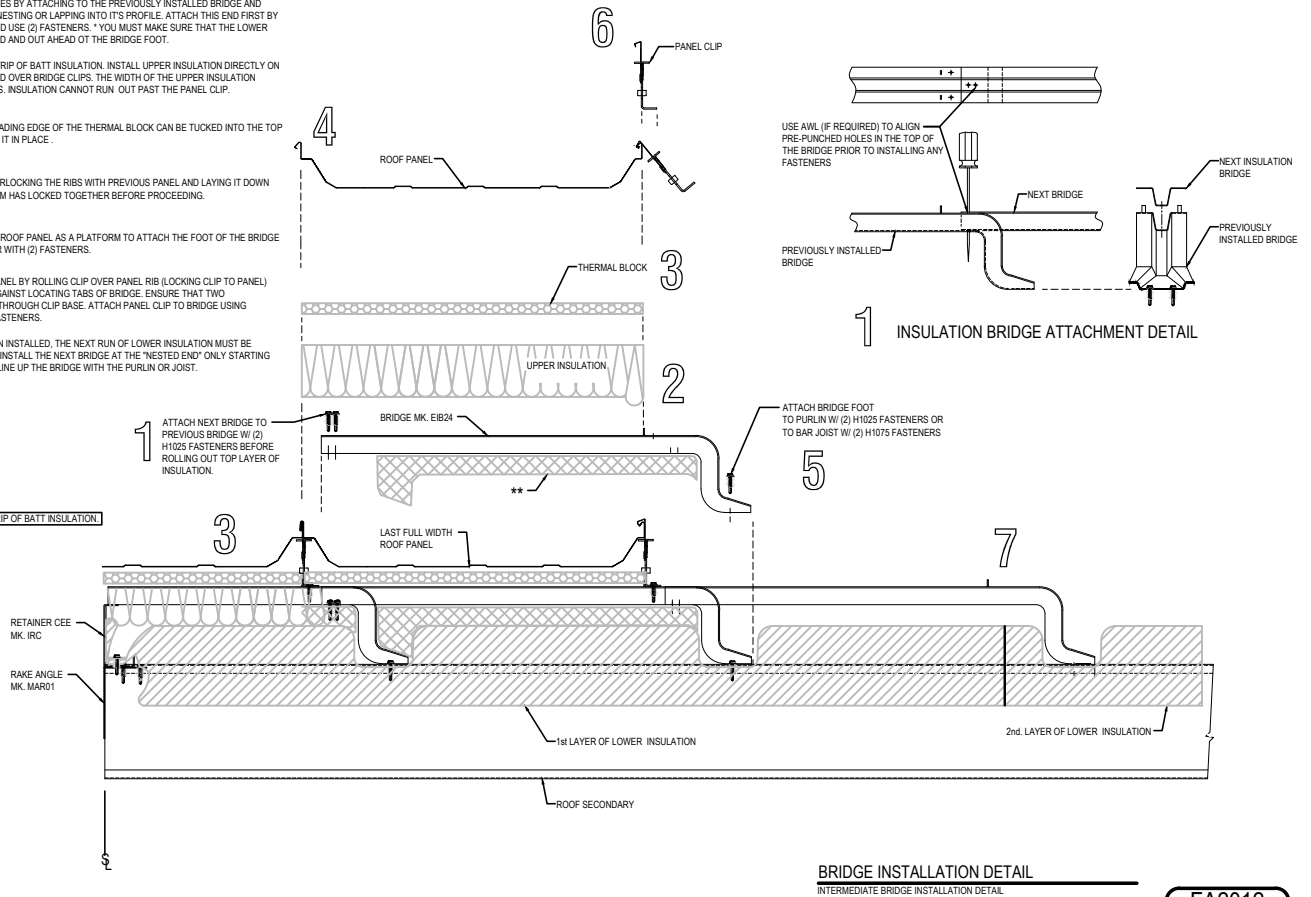
- 1) REQUIRED ON ALL R-Boost™ PROJECTS.

FA2012 - INTERMEDIATE BRIDGE INSTALLATION DETAIL

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

1. START THE SECOND ROW OF BRIDGES BY ATTACHING TO THE PREVIOUSLY INSTALLED BRIDGE AND PURLIN. INSTALL NEXT BRIDGE BY NESTING OR LAPPING INTO ITS PROFILE. ATTACH THIS END FIRST BY LINING UP PRE-PUNCHED HOLES AND USE (2) FASTENERS. *YOU MUST MAKE SURE THAT THE LOWER INSULATION IS PROPERLY INSTALLED AND OUT AHEAD OF THE BRIDGE FOOT.
2. FILL VOID UNDER BRIDGE WITH A STRIP OF BATT INSULATION. INSTALL UPPER INSULATION DIRECTLY ON TOP OF THE LOWER INSULATION AND OVER BRIDGE CLIPS. THE WIDTH OF THE UPPER INSULATION SHOULD BE PRE-CUT TO 2'-0" WIDTHS. INSULATION CANNOT RUN OUT PAST THE PANEL CLIP.
3. INSTALL THERMAL BLOCKS. THE LEADING EDGE OF THE THERMAL BLOCK CAN BE TUCKED INTO THE TOP OF THE FIBERGLASS TO HELP HOLD IT IN PLACE.
4. INSTALL NEXT ROOF PANEL BY INTERLOCKING THE RIBS WITH PREVIOUS PANEL AND LAYING IT DOWN ACROSS BRIDGE. BE SURE THE SEAM HAS LOCKED TOGETHER BEFORE PROCEEDING.
5. YOU CAN NOW USE THE INSTALLED ROOF PANEL AS A PLATFORM TO ATTACH THE FOOT OF THE BRIDGE TO THE ROOF SECONDARY MEMBER WITH (2) FASTENERS.
6. INSTALL PANEL CLIP OVER ROOF PANEL BY ROLLING CLIP OVER PANEL RIB (LOCKING CLIP TO PANEL) AND SWING BASE OF CLIP DOWN AGAINST LOCATING TABS OF BRIDGE. ENSURE THAT TWO PRE-PUNCHED HOLES ARE VISIBLE THROUGH CLIP BASE. ATTACH PANEL CLIP TO BRIDGE USING PRE-PUNCHED HOLES W/ (2) CLIP FASTENERS.
7. AFTER THE PANEL CLIPS HAVE BEEN INSTALLED, THE NEXT RUN OF LOWER INSULATION MUST BE INSTALLED AND YOU CAN LOOSELY INSTALL THE NEXT BRIDGE AT THE "NESTED END" ONLY STARTING THE PROCESS OVER. (BE SURE TO LINE UP THE BRIDGE WITH THE PURLIN OR JOIST).

ERECTOR NOTE: **
FILL VOID UNDER BRIDGE WITH A STRIP OF BATT INSULATION



BRIDGE INSTALLATION DETAIL
INTERMEDIATE BRIDGE INSTALLATION DETAIL

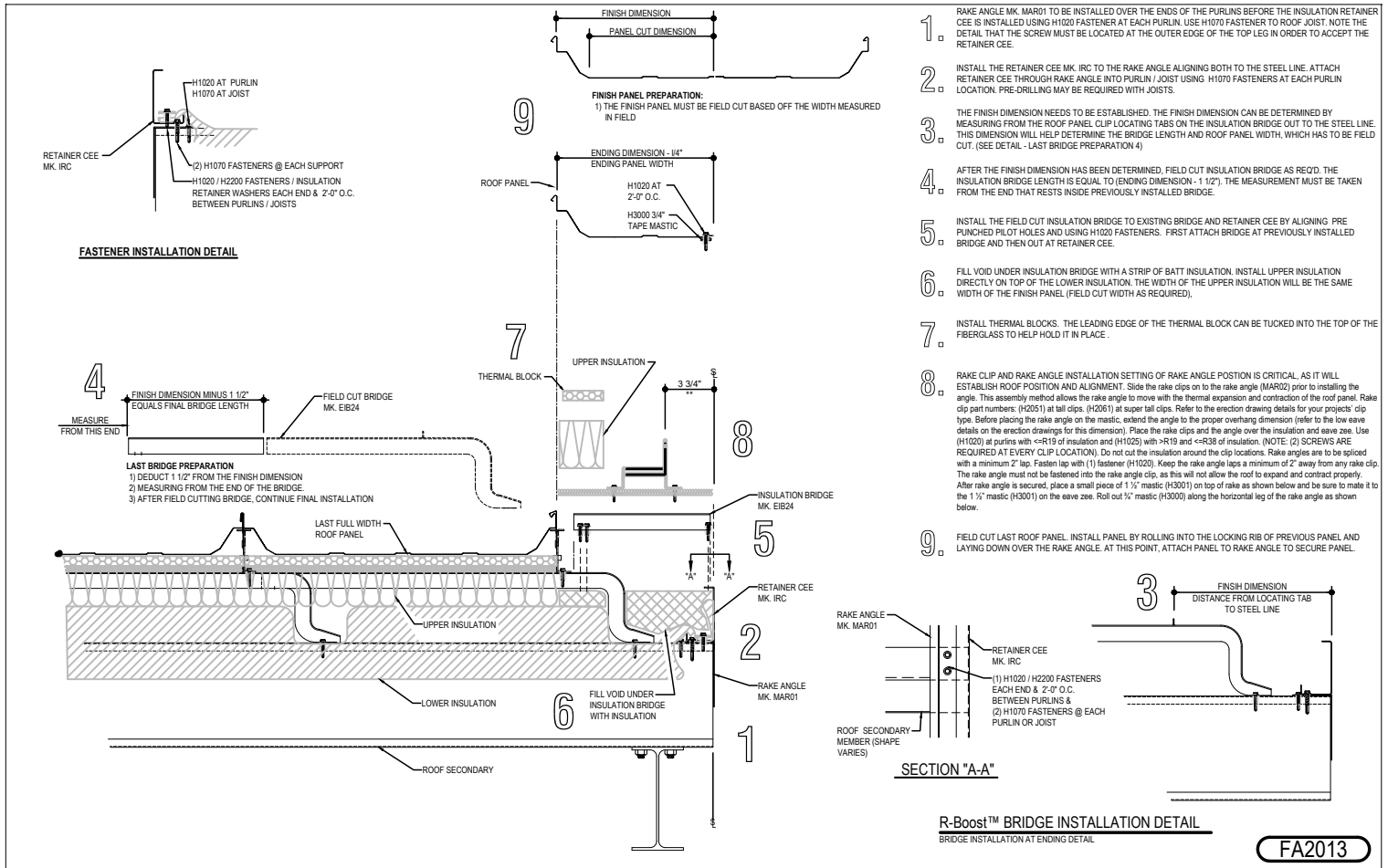
FA2012

Detailer Notes:

- 1) REQUIRED ON ALL R-Boost™ PROJECTS

FA2013 - ENDING BRIDGE INSTALLATION DETAIL

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

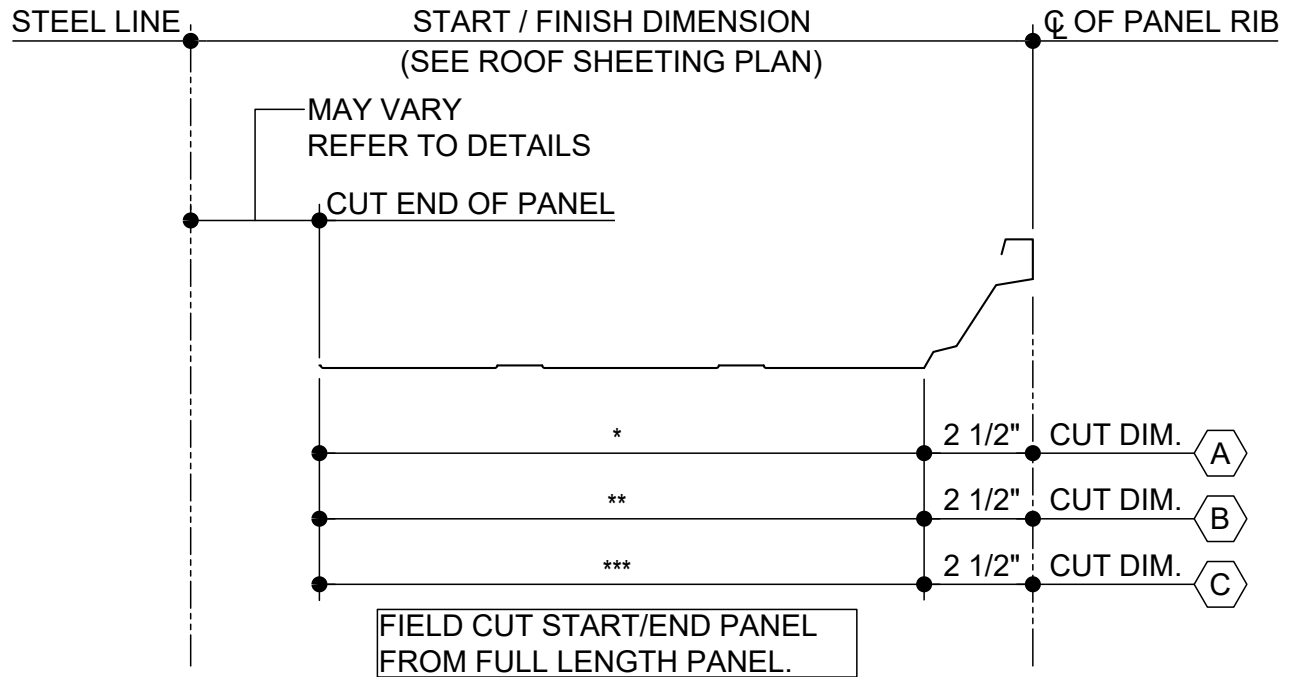


Detailer Notes:

1) REQUIRED ON ALL R-Boost™ PROJECTS

FA2035 - CFR START / FINISH PANEL WIDTH DETAIL

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



START / END CUT PANEL DIMENSION DETAIL

- WHEN FIELD CUTTING OR MITERING ROOF PANELS, NON-ABRASIVE CUTTING TOOLS SUCH AS NIBBLERS OR TIN-SNIPS SHALL BE USED.
- ABRASIVE CUTTING TOOLS SUCH AS MECHANICAL GRINDERS, SAWS, SHEARS OR SCISSORS CAN DAMAGE THE PANEL FINISH AND CREATE EXCESS METAL SHAVINGS THAT CAN CORRODE THE PANELS.
- THE USE OF NON-APPROVED CUTTING DEVICES MAY VOID YOUR FACTORY WARRANTY.

FA2035

Detailer Notes:

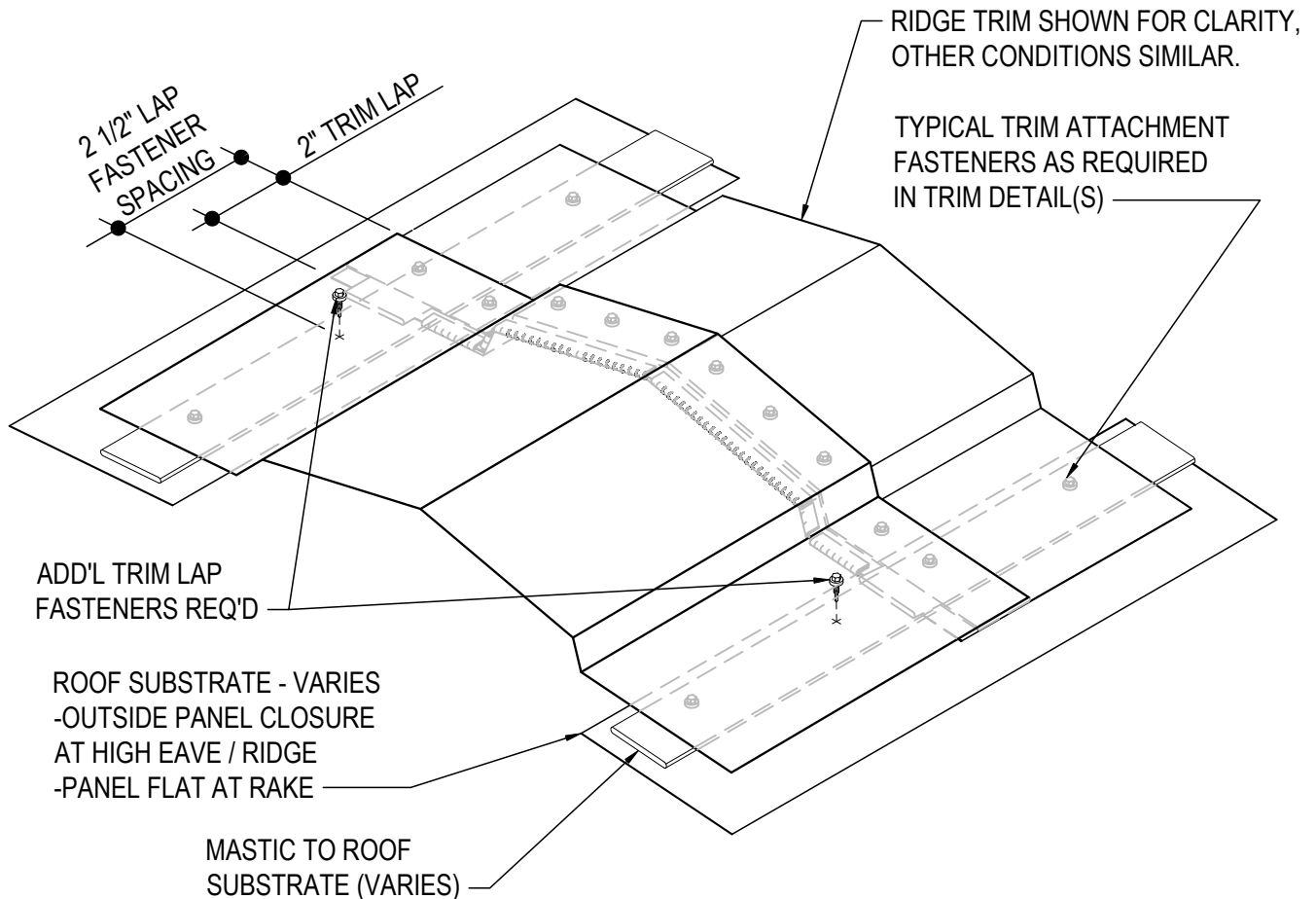
- 1) THIS DETAIL IS REQUIRED ON EVERY R-Boost™ PROJECT.

FA2076 - TRIM LAP COMPRESSION FASTENER

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

NOTE:

REFERENCE TRIM CONDITION DETAIL FOR
REQUIRED SEALANT AND FASTENERS



TRIM LAP COMPRESSION FASTENER

THE ADDITIONAL FASTENER IS REQUIRED AT TRIM LAPS TO AID IN ELIMINATING GAPS AND COMPRESSING SEALANTS WHERE THE MULTIPLE LAYERS OF FLASHING COME TOGETHER.

FA2076

Detailer Notes:

- 1) THIS DETAIL IS TO BE PROVIDED ON ALL PROJECTS WHERE THERE IS LAPPED ROOF LINE TRIM.
- 2) THIS DETAIL IS DUPLICATE OF DA0076, EA3076, EA6076 AND EA8076. DUPLICATE DETAILS ARE TO ENSURE THAT THEY ARE PLACED IN ORDER IN ERECTION DRAWINGS.