

SKYLINE ROOF PANEL PROFILE

IMP ROOF PANELS

PPLICATION

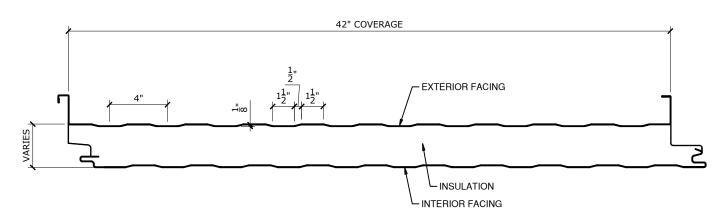
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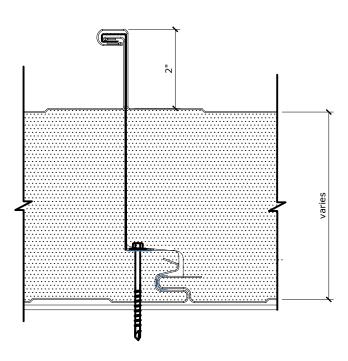
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## SKYLINE ROOF PANEL

WIDTH: 42" PROFILE: MESA INSULATION THICKNESS: 2", 4", 5", 6" EXTERIOR FACING: 22ga, 24ga

INTERIOR FACING: 22ga, 24ga, 26ga AVAILABLE FINISHES: SMOOTH/SMOOTH, LIGHT EMBOSSED



### DISCLAIMER

DISCLAMENTAL ARE PROVIDED FOR REFERENCE AND AS A GUIDELINE TO INDUSTRY ACCEPTED PRACTICES FOR SIMPLE BUILDING CONDITIONS. THESE DETAILS DO NOT ADDRESS ALL BUILDING TYPES, CONDITIONS OR DESIGN. THE DETAILS MUST BE CHECKED FOR SUITABILITY AND MODIFIED BASED ON THE PROJECTS INTENDED USE, LOCATION, AND DESIGN LOADS.

A QUALIFIED DESIGN PROFESSIONAL SHOULD BE CONSULTED TO ENSURE MATERIALS, PRODUCTS, AND DESIGN COMPLY WITH APPLICABLE CODES, REGULATIONS, AND STANDARDS. THIS INCLUDES CORRECT PLACEMENT OF SALLANTS, LOCATION OF AIRWAPOUR BARRIERS AND PROJECT SPECIFIC DESIGN LOADS REQUIRED BY CODE TO MEET THE REQUIREMENTS FOR THE LOCAL AUTHORITES HAVING JURISDICTION.

STRUCTURAL SUPPORTS AND CONNECTIONS ARE SHOWN FOR ILLUSTRATION PURPOSES ONLY. CONSTRUCTION DRAWINGS GOVERN OVER THESE DETAILS.

ARTSPAN CONTINUES TO REFINE AND IMPROVE BASED ON CHANGES TO THE INDUSTRY, ARTSPAN AND ITS AFFILIATED COMPANIES AND SUPPLIERS RESERVE THE RIGHT TO CHANGE DETAILS, SPECIFICATIONS, DESIGNS, OR PRODUCTS AT ANY TIME. PLEASE CONTACT ARTSPAN OR YOUR LOCAL REPRESENTATIVE FOR THE LATEST INFORMATION AVAILABLE.

- A. DETAILS ARE FOR GUIDELINES ONLY, AND MAY NOT BE SUITABLE FOR ALL BUILDING DESIGNS AND CONDITIONS.
- B. SCREW LENGTHS MAY VARY PER CUSTOMER REQUEST. #12-14x1", #12-14x1 1/2", #12-14x2", #12-14x3" ARE AVAILABLE.



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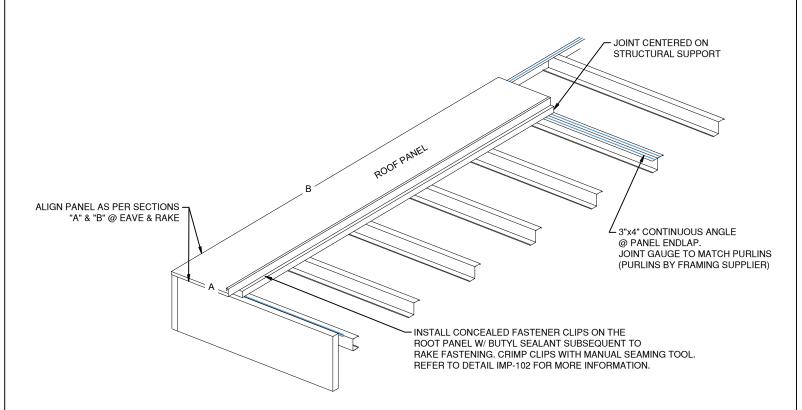
CUT

**ROOF PANEL INSTALLATION - SEQUENCE 1** 

IMP-101

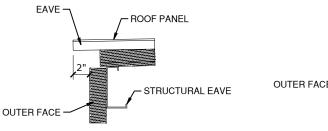
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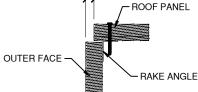


### NOTES:

- FIELD CUT PANEL TO REQUIRED WIDTH.
- USE "C" CLAMPS TO TEMPORARILY HOLD THE CUT EDGE OF THE PANEL TO THE RAKE ANGLE AND FASTEN AS SPECIFIED.



SECTION A - ROOF PANEL @ OUTER FACE



SECTION B - ROOF PANEL @ OUTER FACE

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APPLICATION

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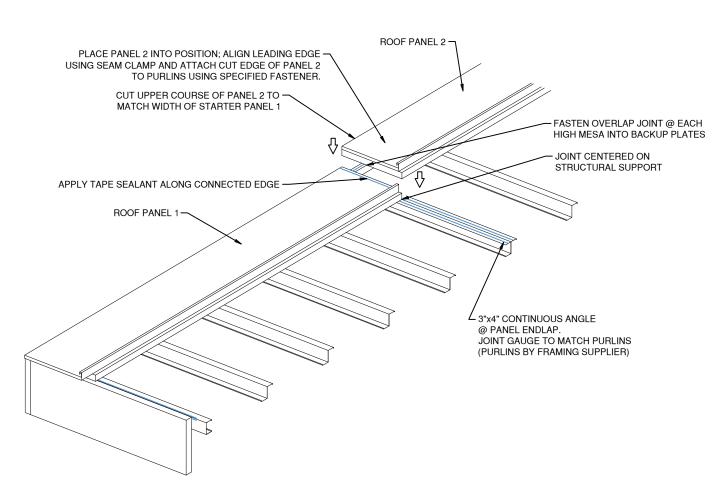
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ROOF PANEL INSTALLATION - SEQUENCE 2

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### NOTES:

- STAND ON ROOF PANEL 2 TO FIRMLY SEAT ENDLAP. INSPECT THE GAP BETWEEN THE ROOF PANELS TO ENSURE A TIGHT FIT.
- INSTALL TWO CLIPS AT PANEL ENDLAP FOLLOWING EDGE FASTENING. CRIMP BOTH CLIPS WITH MANUAL SEAMING TOOL BEFORE INSTALLING NEXT COURSE OF PANELS.
- REFER TO DETAIL IMP-101B FOR MORE INFORMATION

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PANEL 1 AND ROTATE INTO POSITION.

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THE CONCENTRAL

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ROOF PANEL INSTALLATION - SEQUENCE 3

IMP-101B

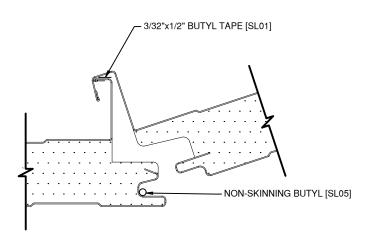
NEXT ROOF PANEL

INSTALLED ROOF PANEL

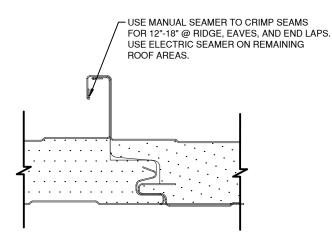
POSITION ROOF AS SHOWN, HOOK

FEMALE LAP OVER MALE LEG OF

NOTE:
- USE RIB CLAMPS TO PULL PANEL SIDELAPS TOGETHER.



PANEL ATTACHMENT (1)



PANEL ATTACHMENT (2)

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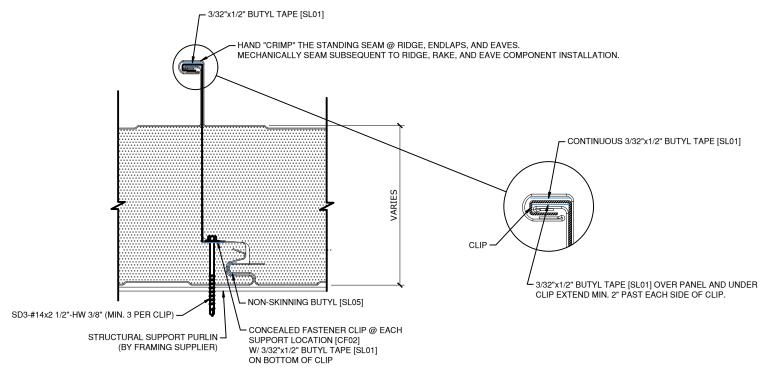
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**ROOF PANEL SIDELAP** 

INSTALL CONTINUOUS 3/32"x1/2" BUTYL TAPE [SL01] ON TOP OF MALE STANDING SEAM. HAND "CRIMP" THE STANDING RIB/CLIP ASSEMBLY AT EACH CLIP LOCATION - INSTALL CFR CLIP W/ BUTYL SEALANT SECURE TO PURLINS W/ SPECIFIED **FASTENERS** 3/32"x1/2" BUTYL TAPE [SL01] ON BOTTOM OF CLIP APPLY BUTYL SEALANT TO PANEL EDGE. INSPECT SEALANT IF FACTORY INSTALLED. STRUCTURAL SUPPORT PURLIN TILT NEXT PANEL TO BE INSTALLED (BY FRAMING SUPPLIER) AT 45° ANGLE. ROTATE INTO POSITION. STRUCTURAL SUPPORT PURLIN (BY FRAMING SUPPLIER)



- USE CLAMPS TO ENSURE PROPER PANEL ALIGNMENT.

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ROOF PANEL CLIP CONNECTION

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CONCEALED FASTENER CLIP [CF02] INSULATED METAL ROOF PANEL -@ EACH SUPPORT LOCATION 2 1/2" MIN. BEARING SURFACE 3/32"x1/2" BUTYL TAPE [SL01] ON BOTTOM OF CLIP. EXTEND TAPE 1/4" ON EACH SIDE. - SD3-#14x2 1/2"-HW3/8" (3 PER CLIP) STRUCTURAL PURLIN SUPPORT (BY FRAMING SUPPLIER)

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CUT

IMP-103

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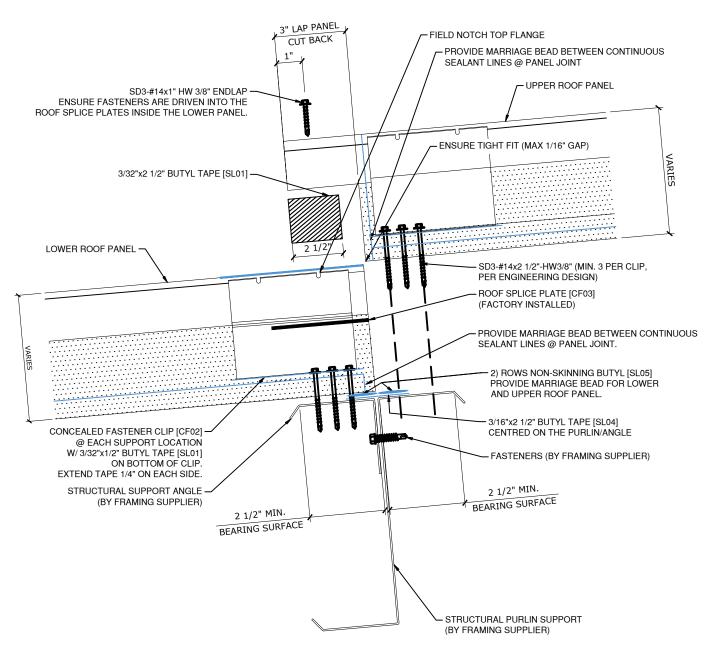
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MINIMUM ROOF SLOPES

1/4" in 12" CONTINUOUS ROOF 1" in 12" ROOF WITH ENDLAP

**ROOF PANEL ENDLAP** 

1/2" in 12" ROOF WITH ENDLAP - CONSULT MANUFACTURER



### NOTE

- FIELD REMOVE LINER AND INSULATION AT CUTBACK PANEL.
- END LAP STEEL LOCATION IS CRITICAL TO ROOF PANEL LENGTH.

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IMP ROOF PANELS

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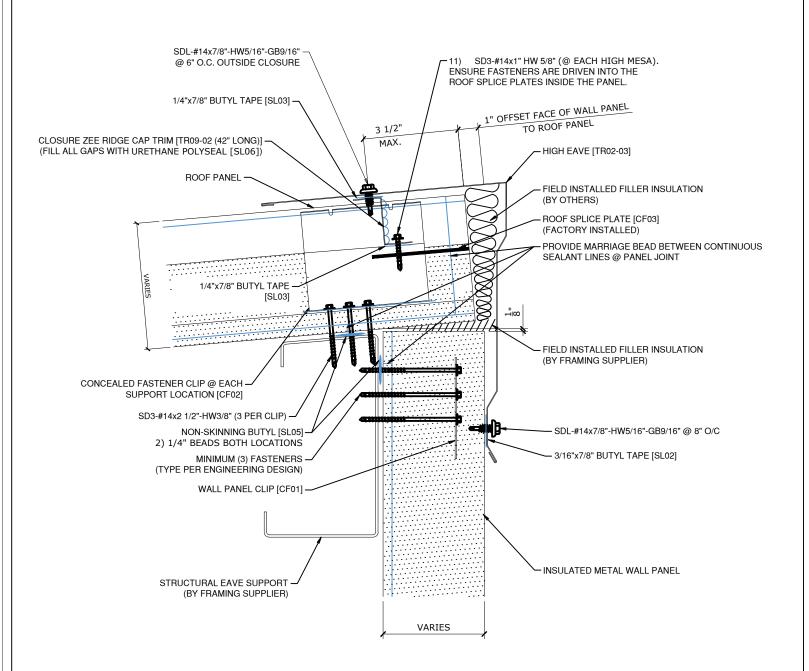
HIGH EAVE

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IMP-104

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### NOTE

- TRANSITION FLASHING IS INSTALLED WITH A PITCH 1/2:12 GREATER THAN THE ROOF PITCH.
- FILLER INSULATION MATERIAL AND APPLICATION IS SPECIFIED BY THE PROJECT DESIGNER.
- TOP OF WALL PANEL TO BE PROTECTED FROM WEATHER DURING CONSTRUCTION.

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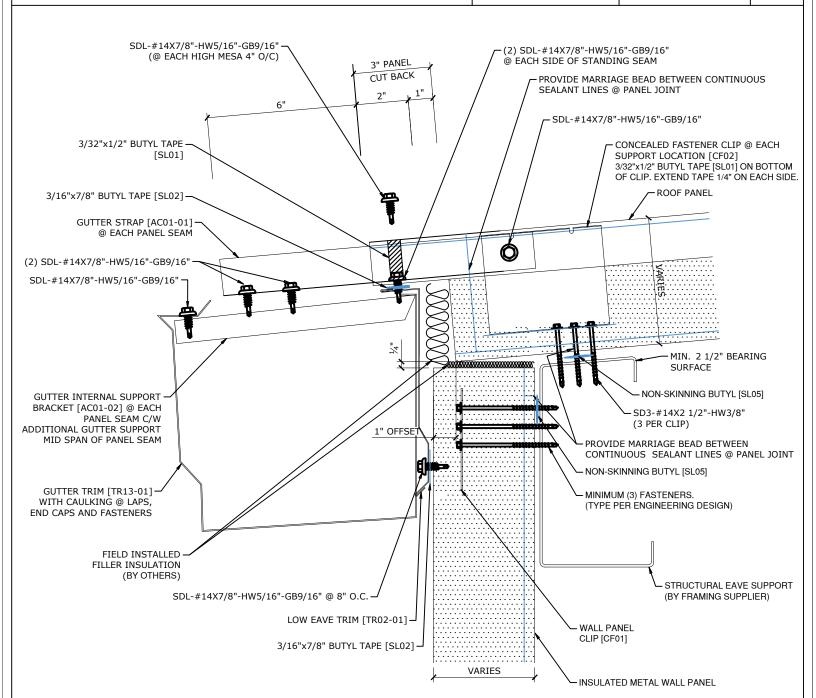
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LOW EAVE WITH GUTTER

IMP-105

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### NOTE:

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LOW EAVE WITH TRIM

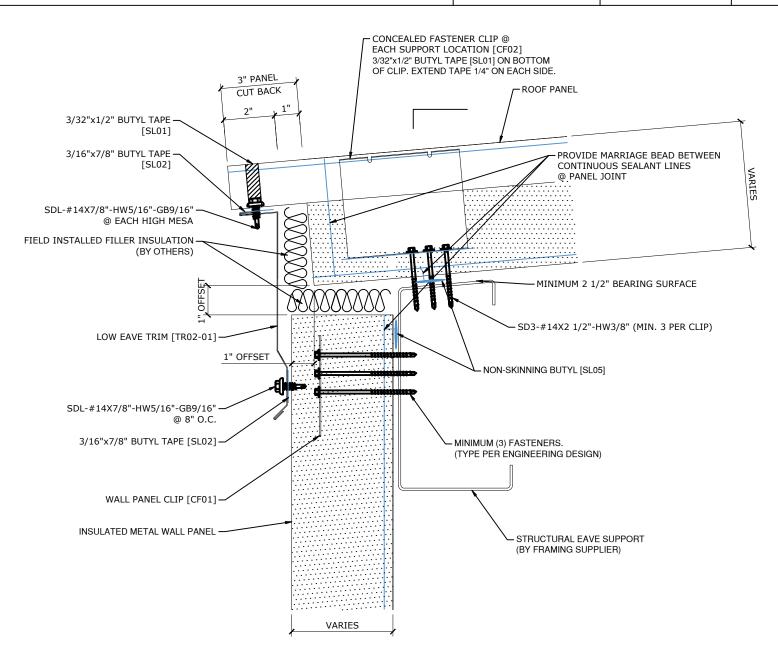
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IMP-105A

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### NOTE

- FIELD REMOVE LINER AND INSULATION AT CUTBACK PANEL.
- FILLER INSULATION MATERIAL AND APPLICATION IS SPECIFIED BY THE PROJECT DESIGNER.
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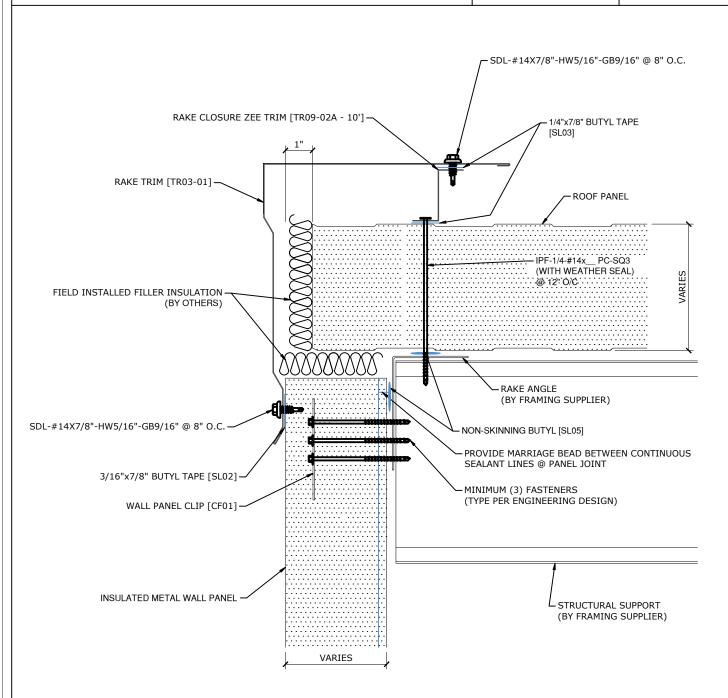
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RAKE AT WALL PANEL

**IMP-106** 

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STACK JOINT TO HIGH EAVE

IMP-107 **VARIES** INSULATED METAL WALL PANEL WALL PANEL CLIP [CF01] PROVIDE MARRIAGE BEAD BETWEEN-CONTINUOUS SEALANT LINES @ PANEL JOINT COVER TRIM [TR10-01] -MINIMUM (3) FASTENERS (TYPE PER ENGINEERING DESIGN) 1/8"Ø X 1/2" STAINLESS STEEL RIVET @ 12" O/C -SD3-#14X1"-PC @ 5'-0" O/C HIGH SIDE FLASHING TRIM [TR08-05-\_T] SDL-#14X7/8"-HW5/16"-GB9/16" [FST3] NON-SKINNING BUTYL [SL05] @ 6" O.C. OUTSIDE CLOSURE SUPPORT ANGLE STRUCTURAL SUPPORT (BY FRAMING 1/4"x7/8" BUTYL TAPE GIRT (BY FRAMING SUPPLIER) [SL03] SUPPLIER) CLOSURE ZEE RAKE TRIM [TR09-02 (42" LONG)], FILL ALL GAPS W/ URETHANE POLYSEAL [SL06] SUPPORT ANGLE SEALED TO STRUCTURAL SUPPORT (BY FRAMING SUPPLIER) NON-SKINNING BUTYL [SL05] FIELD INSULATED FILLER INSULATION (BY OTHERS) WALL PANEL CLIP [CF01] 1/8"Ø X 1/2" STAINLESS STEEL RIVET VARIES PROVIDE MARRIAGE BEAD BETWEEN .@. 18" O/C CONTINUOUS SEALANT LINES @ PANEL JOINT URETHANE POLYSEAL [SL06] ROOF SPLICE PLATE [CF03] (FACTORY INSTALLED) 1/4"x7/8" BUTYL TAPE [SL03] 11) SD3-#14x1" HW 5/8" (@ EACH HIGH MESA). ENSURE FASTENERS ARE DRIVEN INTO THE ROOF SPLICE PLATES INSIDE THE PANEL. CONCEALED FASTENER CLIP @ -INTERIOR COVER TRIM [TR10-03] EACH SUPPORT LOCATION [CF02] SD3-#14X2 1/2"-HW3/8" NON-SKINNING BUTYL [SL05] (3 PER CLIP) 1/8"Ø X 1/2" STAINLESS STEEL RIVET [FST4] TWO ROWS OF @ 18" O/C NON-SKINNING BUTYL [SL05] PROVIDE MARRIAGE BEAD BETWEEN STRUCTURAL SUPPORT PURLIN CONTINUOUS SEALANT LINES @ PANEL JOINT (BY FRAMING SUPPLIER) 6" MIN 18" (MAX.)

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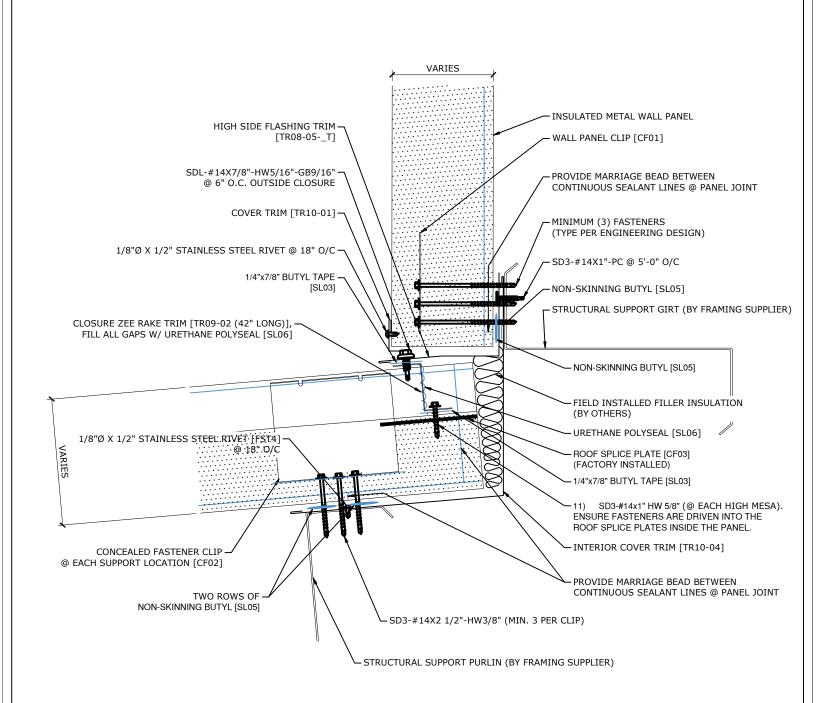
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WALL TO HIGH EAVE

IMP-107A

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# NOTE:

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WALL TO ROOF RAKE

VARIES PROVIDE MARRIAGE BEAD BETWEEN-CONTINUOUS SEALANT LINES @ PANEL JOINT INSULATED METAL WALL PANEL WALL PANEL CLIP [CF01] -COVER TRIM [TR10-01] -1/8"Ø X 1/2" STAINLESS STEEL RIVET [FST4] @ 18" O/C MINIMUM (3) FASTENERS (TYPE PER ENGINEERING DESIGN) SD3-#14X1"-PC @ 5'-0" O/C 1/4"x7/8" BUTYL TAPE [SL03] SEE CONSTRUCTION DRAWINGS IF ANGLE CLOSURE ZEE RAKE TRIM [TR09-02A (10' LONG)] IS REQUIRED FILL ALL GAPS W/ URETHANE POLYSEAL [SL06] WALL TO RAKE FLASHING TRIM STRUCTURAL SUPPORT PURLIN [TR08-04-\_T] (BY FRAMING SUPPLIER) 1/4"x7/8" BUTYL TAPE - NON-SKINNING BUTYL [SL05] [SL03] FIELD INSTALLED FILLER INSULATION (BY OTHERS) SDL-#14x7/8"-HW5/16"-GB9/16" - INTERIOR COVER TRIM [TR10-04] @ 6" O.C. OUTSIDE CLOSURE -URETHANE POLYSEAL [SL06] IPF-1/4-#14x PC-SQ3 (WITH WEATHER SEAL) @ 24" O/C NON-SKINNING BUTYL [SL05] -ROOF/RAKE SUPPORT (BY FRAMING SUPPLIER) - STRUCTURAL SUPPORT (BY FRAMING SUPPLIER)

# NOTE:

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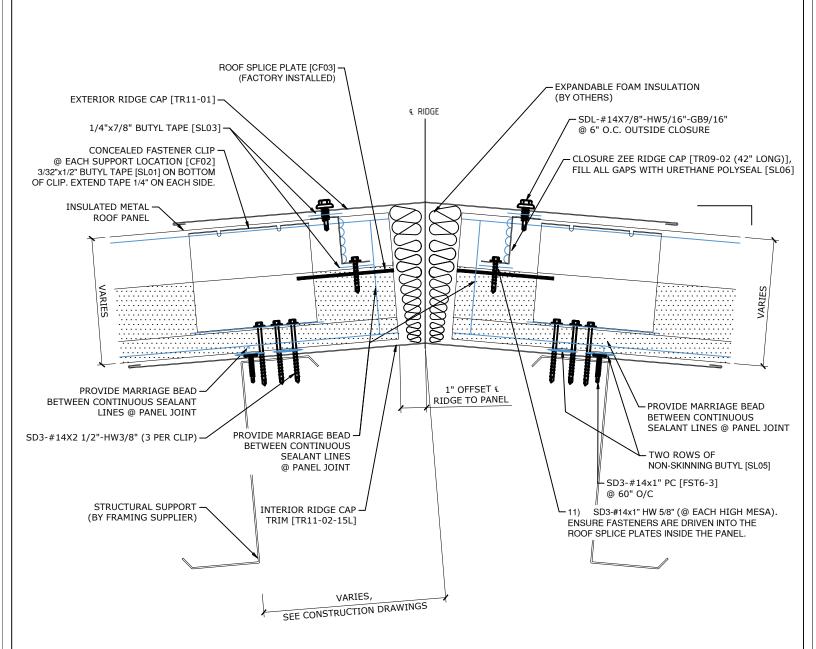
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RIDGE DETAIL

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### NOTE

- FILLER INSULATION MATERIAL AND APPLICATION IS SPECIFIED BY THE PROJECT DESIGNER.
- REDUCE PANEL EXTENSION IN SNOW DRIFT CONDITIONS.

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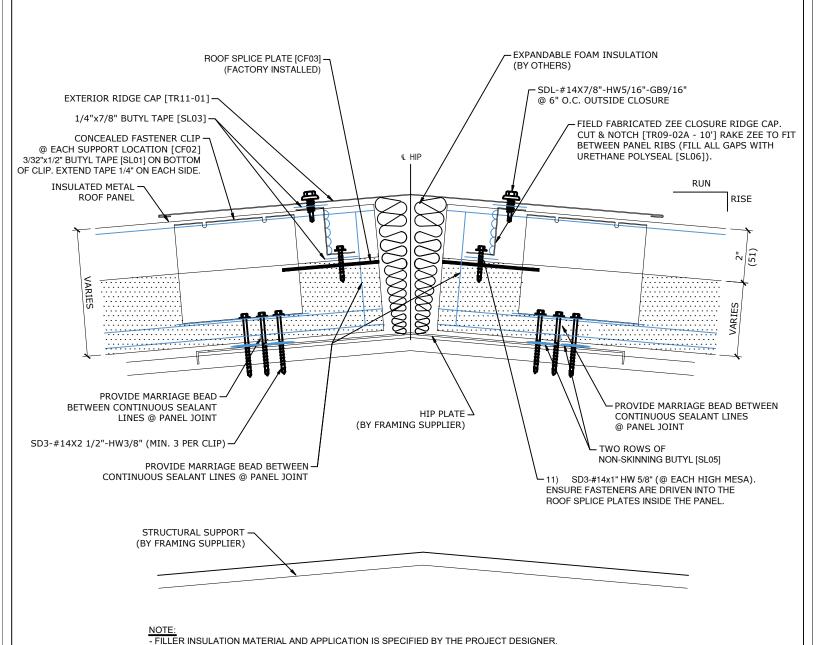
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HIP DETAIL

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VALLEY DETAIL

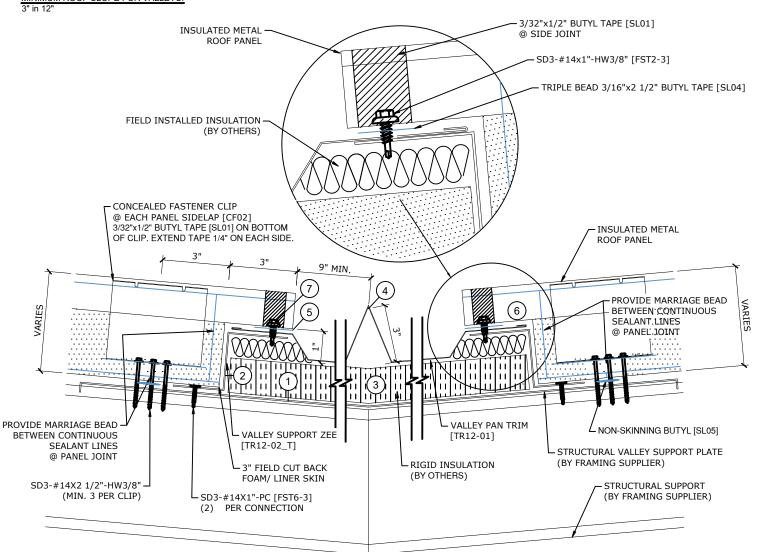
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# NOTE:

- VALLEY DETAIL DOES NOT APPLY FOR DORMER CONDITIONS.
- VALLEY CONDITIONS ARE NOT RECOMMENDED FOR APPLICATIONS WITH ROOF PITCH LESS THAN 3:12.
- THE VALLEY PAN WIDTH VARIES WITH THE ROOF'S DRAINAGE REQUIREMENTS.
- FILLER INSULATION MATERIAL AND APPLICATION IS SPECIFIED BY THE PROJECT DESIGNER.
- RECOMMENDED VALLEY PAN IS 16 GA. MIN. STEEL, WELDED WATER-TIGHT AND COATED OR LINED WITH MEMBRANE.

### INSTALLATION SEQUENCE:

- 1. INSTALL STRUCTURAL VALLEY SUPPORT PLATE.
- 2. FASTEN VALLEY SUPPORT ZEE E/S TO VALLEY PLATE.
- 3. FILL VOID WITH INSULATION.
- 4. INSTALL VALLEY TRIM. 5. INSTALL SEALANTS.
- 6. FIELD CUT PANEL AND REMOVE CUT BACK.
- 7. FASTEN VALLEY ASSEMBLY.

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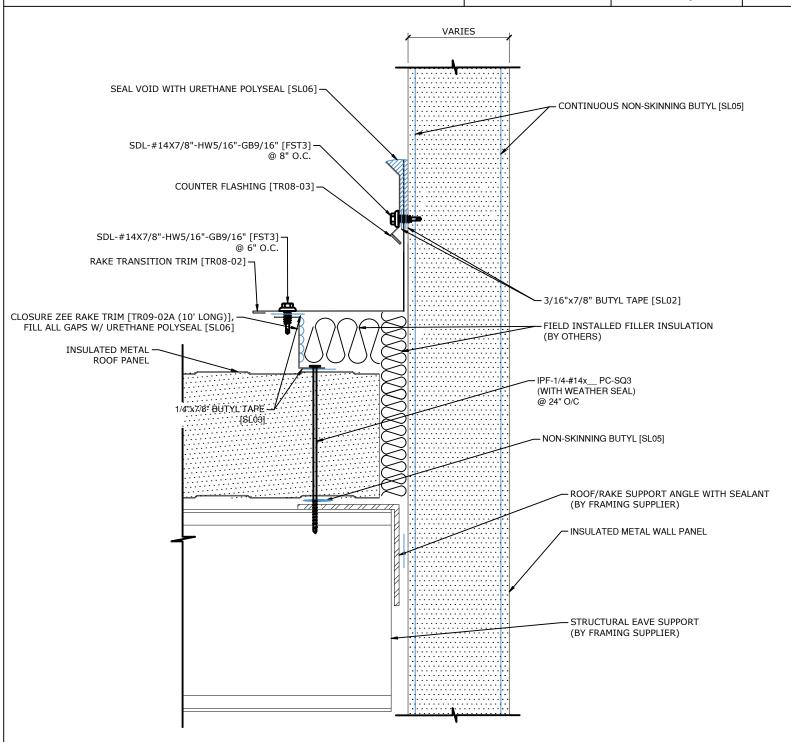
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TRANSITION CONT. WALL TO ROOF RAKE

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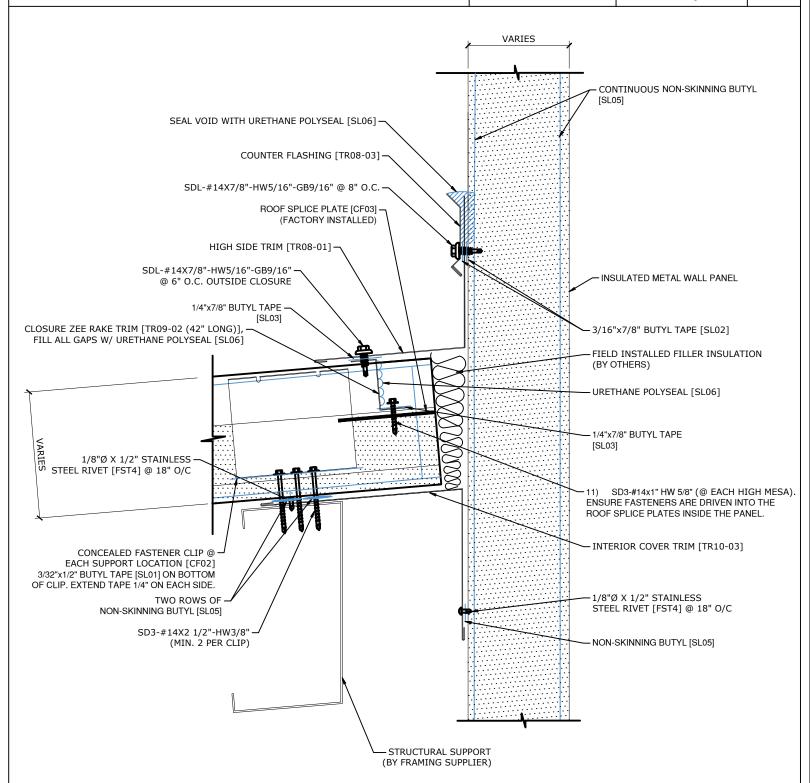
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TRANSITION CONT. WALL TO HIGH EAVE

IMP-111A

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TRANSITION MASONRY WALL TO HIGH EAVE

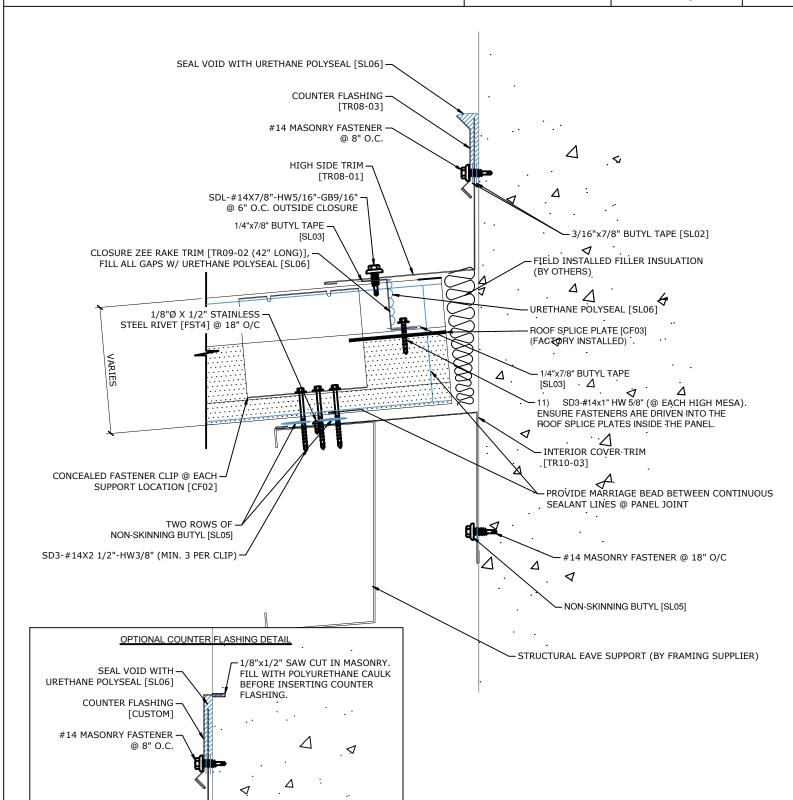
**IMP ROOF PANELS** 

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**IMP-112** 

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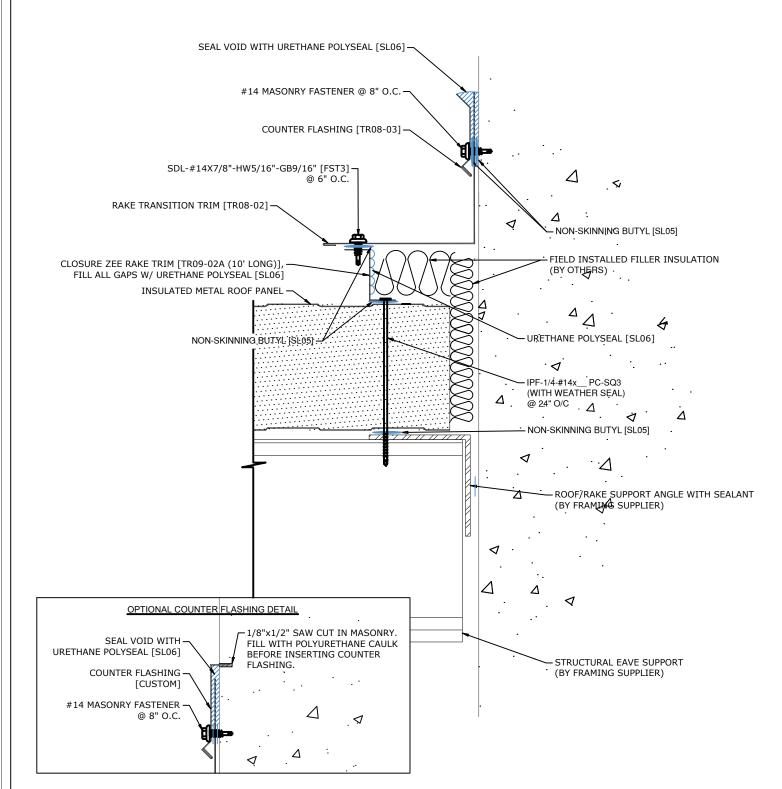
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TRANSITION MASONRY WALL TO RAKE

IMP-112A

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- B. SCREW LENGTHS MAY VARY PER CUSTOMER REQUEST. #12-14x1", #12-14x1 1/2", #12-14x2", #12-14x3" ARE AVAILABLE.