



PBR PANELS

(12FT 2IN FLASHING)

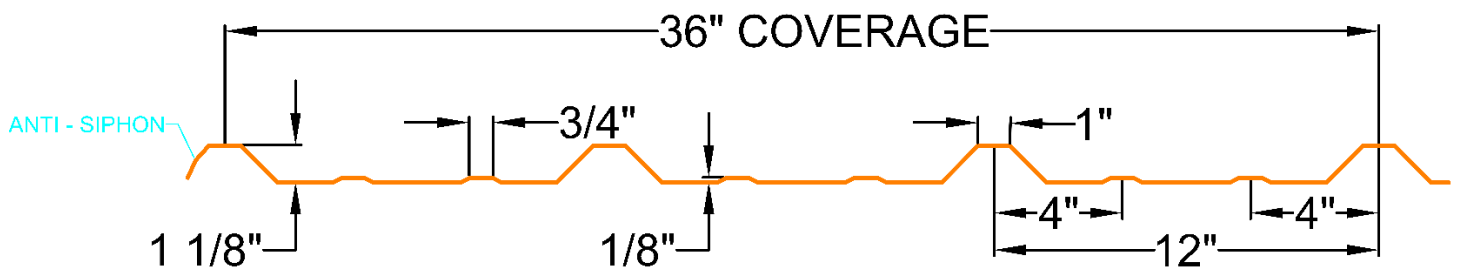


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General Information

Guide Information

This installation guide is a reference tool for the installation of PBR Panel system. The installation details provided may not apply to all building codes, designs, or production applications. It is the responsibility of the installer to confirm the installation details meet their local code requirements.

Vantage Metal Works, Inc. reserves the right to change any information in this guide without notice. If you have any questions or concerns, please contact your Vantage Metal Works representative or the main office:

Vantage Metal Works, Inc.
www.VantageMetal.com
1350 SE Shelton Street
Dallas, OR 97338
503-751-1990

Claims

It is the responsibility of the customer to review the condition and quantity of an order upon delivery or pickup. Claims for the shortages or damages must be filed immediately for pickup orders, or within 7 days after the order has been delivered. **Vantage Metal Works, Inc.** is not responsible for any claims filed after these time frames.

Returns

Vantage Metal Works, Inc., does not accept returns of any custom-ordered materials, special ordered accessories, or fabricated metal products. Only stock accessories may be returned upon Vantage Metal Works, Inc.'s discretion.

Pre-Installation Prep

Storage

If the materials cannot be installed right away, please store materials as follows. Store metal materials in a covered, dry, well-ventilated area ensuring moisture and direct sunlight are kept away. If stored outside, elevate one end of the bundle to let any accumulated moisture run off. Then wrap a tarp loosely around the material bundles to let air circulate freely to avoid moisture build-up. Never store material in direct contact with the ground. Additionally, if any trim packages have a protective film, it must be removed within 90 days.

Handling

Handle all panels and trim with care. Use gloves as panel and trim edges are assumed to be sharp. Do not drag panels across each other as this can cause scratches. When moving loose panels, carry them vertically by the edge ensuring no excessive bending occurs. Trim bundles may be heavy and/or awkward. Separate trim bundles if necessary.

Foot traffic

Care of metal panels and trims must be exercised throughout the installation. Foot Traffic on the panels can cause distortions and damage to the finish and therefore should be kept to a minimum. When walking on panel is unavoidable, walk in the flats only. Walking on any ribs, striations, or seams will damage the panel. Installers are recommended to wear soft-sole shoes to prevent scratching.

Installation Safety

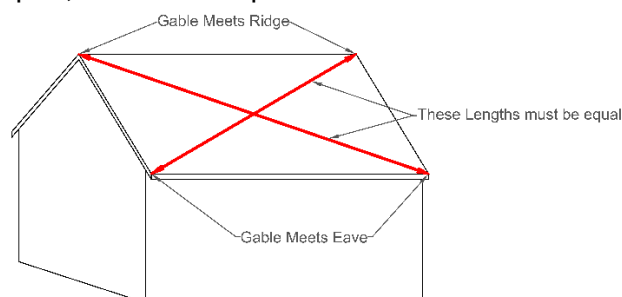
Safety should be a major concern in any installation. Personal Protective Equipment and Fall Protection should be always used. Always be aware of your surroundings and your coworkers. Assume all metal edges are sharp and use gloves. Never install metal roofing during stormy days. Metal materials are good conductors of electricity, i.e. lightning and electrical wiring. Wind may lift unsecured panels with the possibility of pushing installers off the roof or becoming a sharp projectile. Metal parts and panels can be slippery in wet or dusty conditions. Installers are recommended to wear soft-sole shoes to increase traction.

Field Cutting Panels

Tin Snips or nibblers are recommended for cutting metal panels and trim. All cut metal shavings should be removed immediately to prevent damage to the finish. Never cut panels on top of existing panels. When using a circular saw to cut metal panels, always cut from the underside of the panel to keep metal shavings from marring the paint. Always wear gloves, eye and hearing protection! Debris should be removed periodically to avoid unsightly rust stains. Failure to remove the metal particles from the panel will void any warranty!

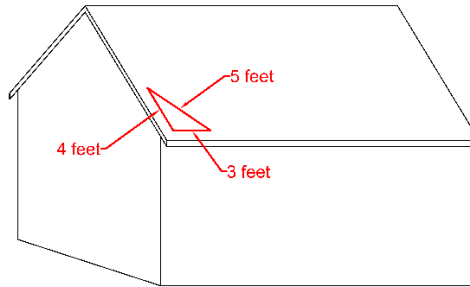
Roof Preparation

The roof must be plumb and square for best installation. Two methods can be used to determine if the roof is square. If the roof is small, measure the two diagonals where the gable meets the roof and the gable meets the eave. If these two diagonals are equal, the roof is square.



Small Roof Diagonal Method

If the roof is larger, use the 3-4-5 method. Measure and mark 3 feet parallel to the eave, i.e. horizontally. At your mark closest to the gable, measure and mark 4 ft parallel to the gable, i.e. vertically. The measurement from the top point to the diagonally bottom point **MUST** be 5 ft to ensure squareness. See figures below.



Large Roof 3-4-5 Method

In prepping for an existing roof, it is recommended that the existing roofing material should be removed down to the roof deck. This includes, but is not limited to removal of moss and debris, hip caps, ridge caps, penetration flashing, etc. Stripping the roof is key to finding any defects that need repair or replacement. Next, determine if there are any warped, waves, or buckles in the deck. This may result in replacement of wood sheathing. These issues must be corrected before installation. Also, the removal of any materials (i.e. nails, screws, staples, etc.) down to the wood sheathing to ensure the correct installation of waterproofing. Checking for squareness on an existing roof is the same procedure mentioned above. Any out of square conditions up to 3 inches can be covered by the gable trim.

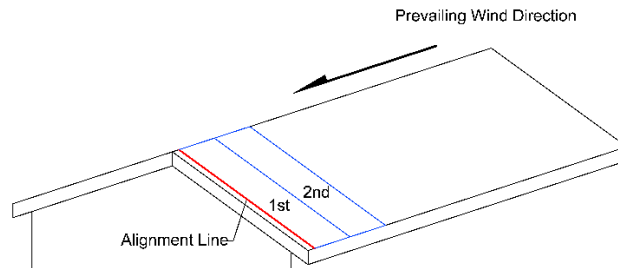
After squareness has been achieved, all necessary penetrations must be cut prior to metal roof installation. This includes, but is not limited to ridge vents, plumbing vents, and electrical conduits. If the installation includes ridge venting, make sure that there is a 2-inch gap from the roof ridge. Check for protruding nails and other objects that may puncture the underlayment and roofing panels. Clean all foreign materials from the roof.

Place a high-temperature ice & water membrane underlayment in areas where snow, ice, rain, and water can accumulate, such as valleys and eaves. Cover the rest of the roof deck with an approved moisture barrier such as 30lb felt or synthetic underlayment. Please note that roofs under a 3:12 pitch require a high temp ice and water shield on the entire roof deck. Beginning at the eave, unroll the underlayment horizontally. Overlap the next strip by minimum 3 inches. If the installation includes ridge venting, make sure that the approved moisture barrier is installed to edge of the vented roof deck.

Panel Installation

Determine which trim pieces are in the installation, paying close attention to Valleys, Eaves, and Transitions. These trim pieces need to be installed prior to panel installation. Reference for purchased trim pieces with trim details found in this document.

It is always recommended to install your panels into the prevailing wind as seen below.

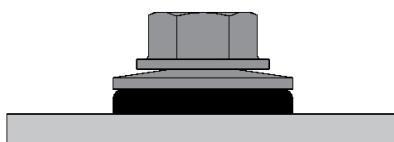


Scribe an alignment line square along the gable edge. This alignment line can be up to 3 inches off the gable edge if the roof is not completely square. This spacing can be adjusted with gable trim pieces. Place the first panel on the alignment line with 1 to 2 inch overhanging the eave. Fasten the panel by the fastener's placement and spacing guide on page 7. Install fasteners starting at the eave edges and work towards the ridge. After laying down the next panel, check for the alignment for squareness. If panels misalign, stretch or shrink the panel by pulling the top or bottom of the panel to make up the distance. If the distance is more than ¼ inch, this distance should be made up over multiple panels. After all panels are installed, the rest of the trim pieces and flashing can be installed. All trim pieces and flashing should overlap by a minimum of 2 inches. Refer to correlated trim details for installation.

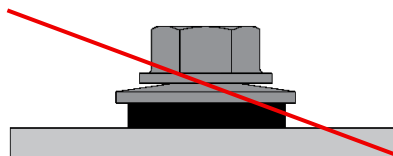
Fastener Installation

Panel Attachment screws must be long enough to fully penetrate through the wood roof decking, steel purlins, or penetrate solid lumber by at least 1 inch. All screws must be coated to provide protection against corrosion. **SELF-SEALING FASTENERS** must have sealing washers and should be the same color as the parts they attach. **SELF-SEALING FASTENERS** must be properly driven to ensure proper seal and holding strength. Do not underdrive or overdrive the **SELF-SEALING FASTENERS**.

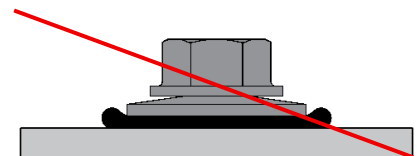
Proper Installation of **SELF SEALING FASTENERS**



Correctly Driven



Under Driven

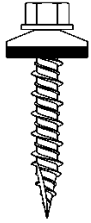


Over Driven

Fastener Selection Guide

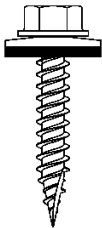
Self Sealing Fastener

Woodfast Screw



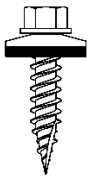
- NO. 10 x A, Type 17
- Available sizes: 1", 1 ½", 2"
 - Additional sized available upon request
- ¼" Hex Head
- Use: Panel to dimensional lumber and trim attachment

Plywood Screw



- No. 14 x A, Type 17
- Available sizes: 1", 1 ½"
 - Additional sized available upon request
- 5/16" Hex Head
- Use: Panel to plywood/OSB substrate and trim attachment

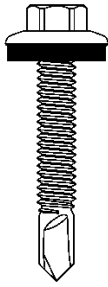
Stitch Screw



- No. 12 x A
- Available size: ¾"
- ¼" Hex Head
- Use: Trim attachment and stitching lap seams together (29 gauge).

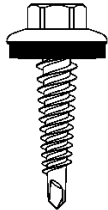
Compatible with No. 10 and No. 14 wood screws

Tek Screw



- No. 12 x A
- Available sizes: 1 ¼”
 - Additional sized available upon request
- 5/16” Hex Head
- Use: Panel to Purlin (up to 3/16” steel)

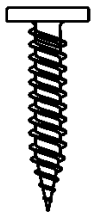
Lap Tek Screw



- No. 14 x A
- Available size: 7/8”
- 5/16” Hex Head
- Use: Trim attachment and stitching Lap Seams together

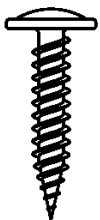
Hidden Fastener

Pancake Screw



- No. 10 x A
- Available sizes: 1” and 1 ½”
 - 2” available by special order
- Philips head
- Use: To fasten standing seam panels and trims into wood deck (unexposed).

Modified Truss Screw



- No. 8 x A
- Available sizes: 1” and 1 ½”
 - 2” available by special order
- Philips head
- Use: To fasten standing seam panels and trims into wood deck (unexposed).

Panel Information

Panel Installation

Panels should be installed in the opposite direction of the prevailing wind. Panel to Panel installation should use Pancake or Modified Truss screws. Refer to Trim Details for correct fastener usage.

Panel Details

Panel Installation: Can be installed on solid wood decking, open frame steel purlins, steel decking, or steel decking with polyiso board.

Minimum Slope: 3:12¹

Ratings: Fire Resistance: UL263, 790 Fire Tests (Class A)

Uplift Resistance: UL 580 Wind Uplift

Impact Resistance UL 2218 Impact Resistance

Available Gauges: 24 and 26

Finishes and Substrates: 26ga uses 14 standard SMP Colors, Galvanized, and Galvalume®

24ga uses 20 standard PVD Colors, Galvanized, and Galvalume®

Limited 40 year paint warranty

Corrosion Protection on Substrate:

AZ-50 (ASTM A792) for painted Galvalume®

AZ-55 (ASTM A792) for unpainted, acrylic coated Galvalume®

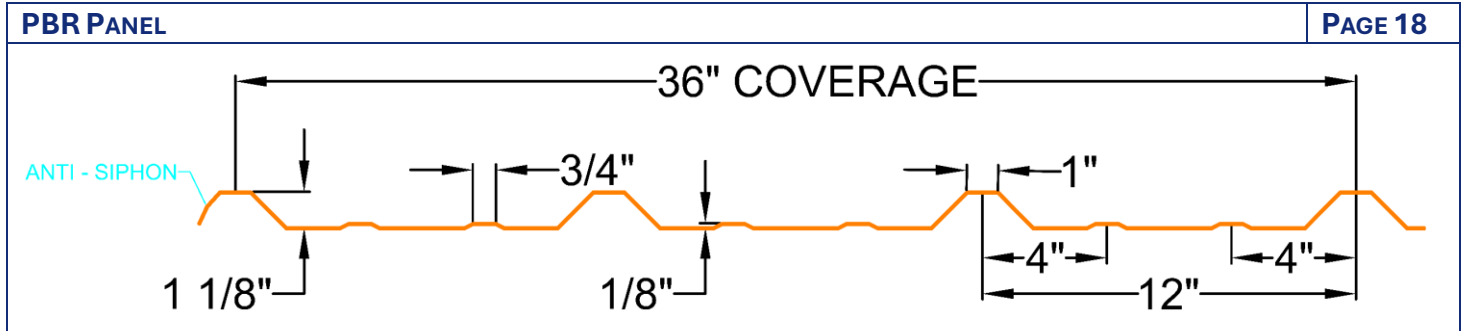
G-60 (ASTM A653) for painted Galvanized

G-90 (ASTMA653) for unpainted, acrylic coated Galvanized

¹ For slopes lower than 3:12 require additional waterproofing. Please inquire with your Vantage Metal sales person.

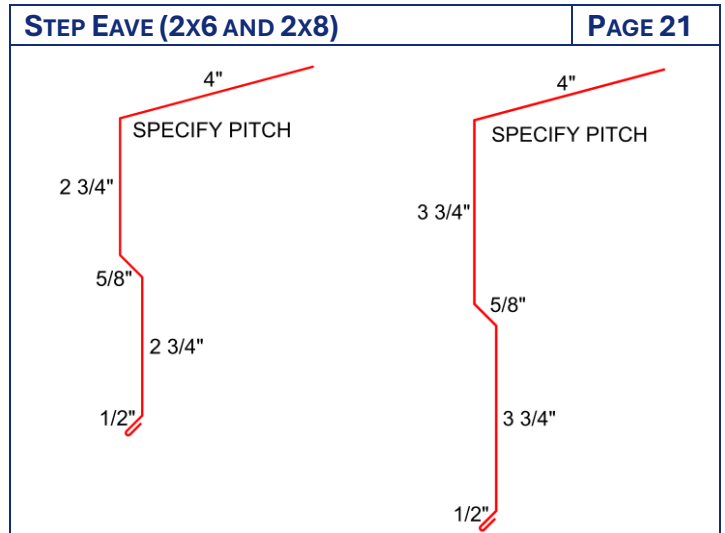
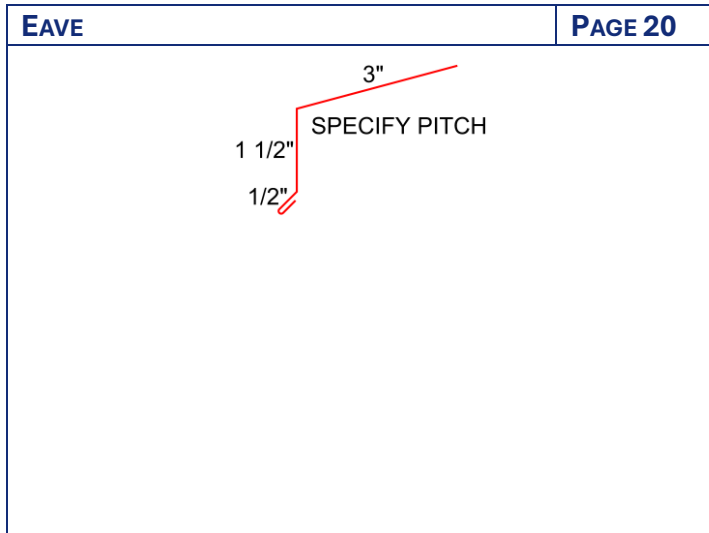
Panel and Trim Index

Roof and Siding Panels

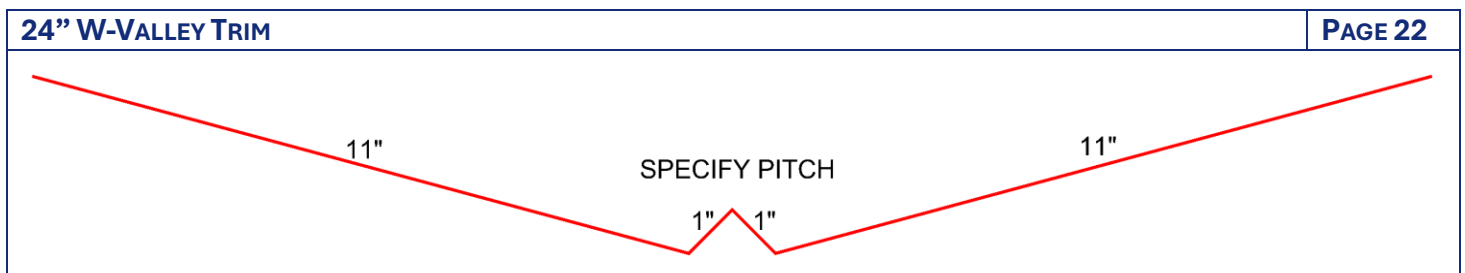
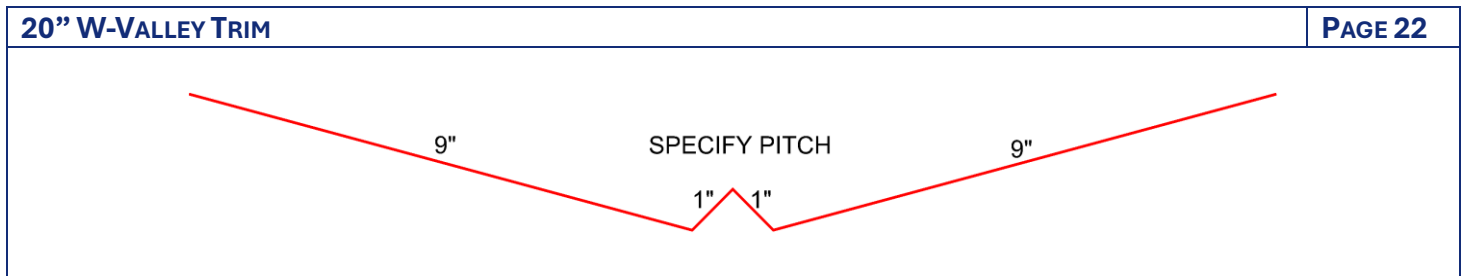


Roof Trims

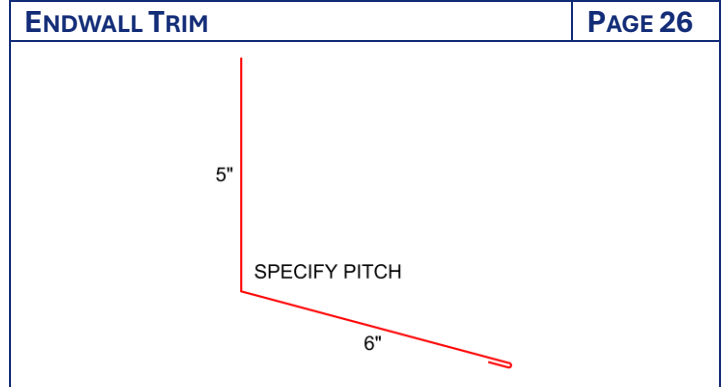
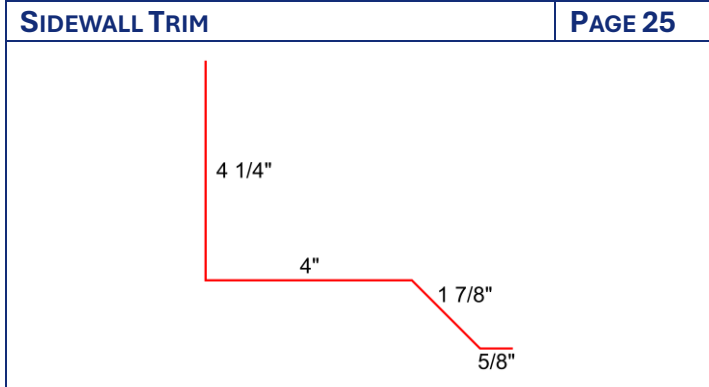
Eave Trims



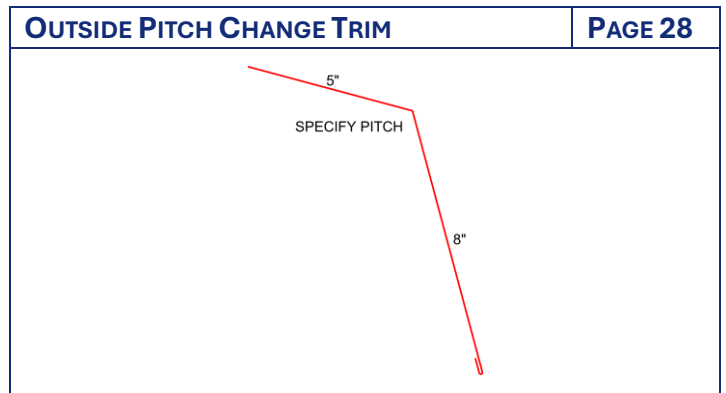
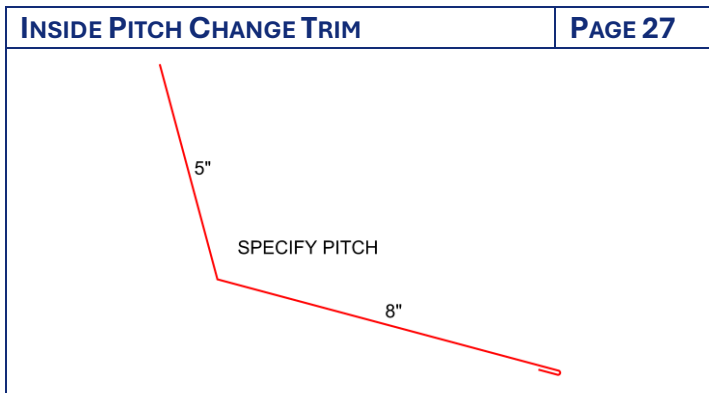
W-Valley Trims



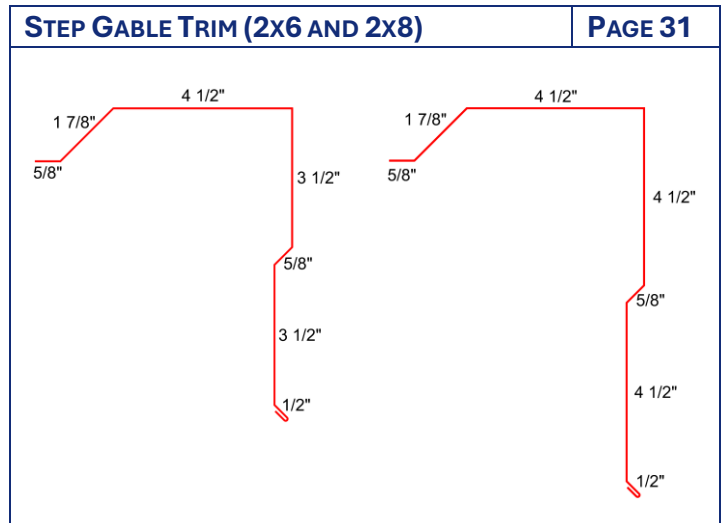
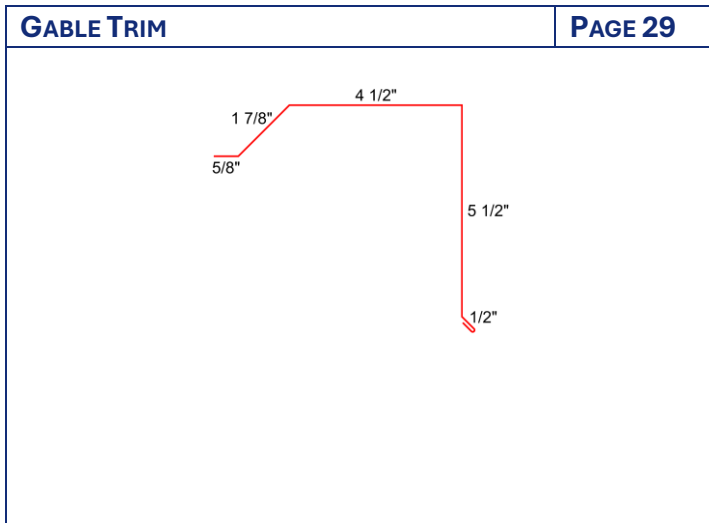
Endwall and Sidewall Trim



Pitch Change Trim



Gable Trim



Ridge Caps

STANDARD RIDGE CAP

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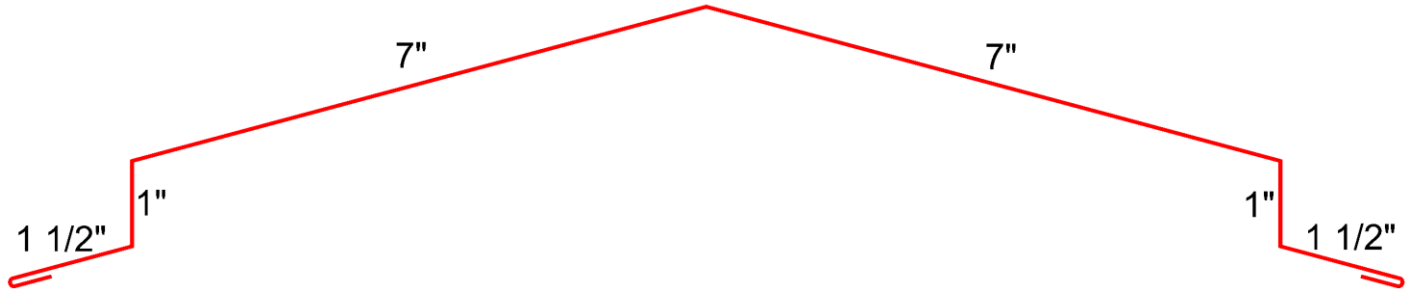
SMOOTH RIDGE CAP

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OPEN WIDE RIDGE CAP

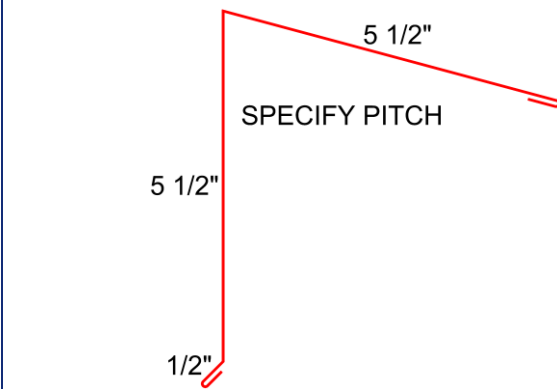
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Clerestory Trim

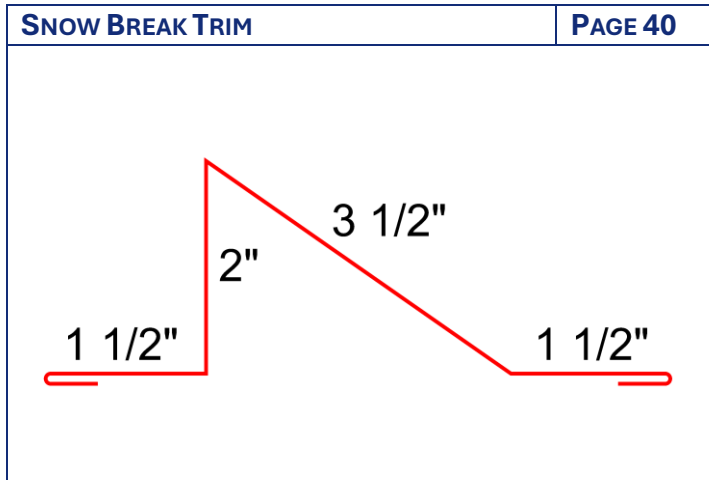
CLERESTORY TRIM

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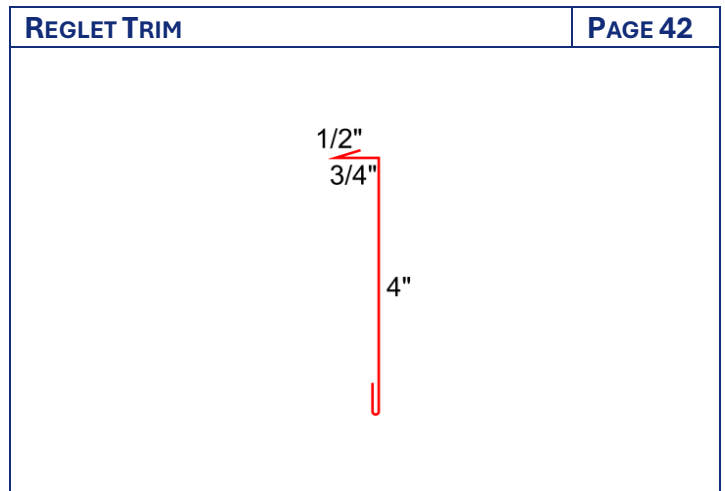
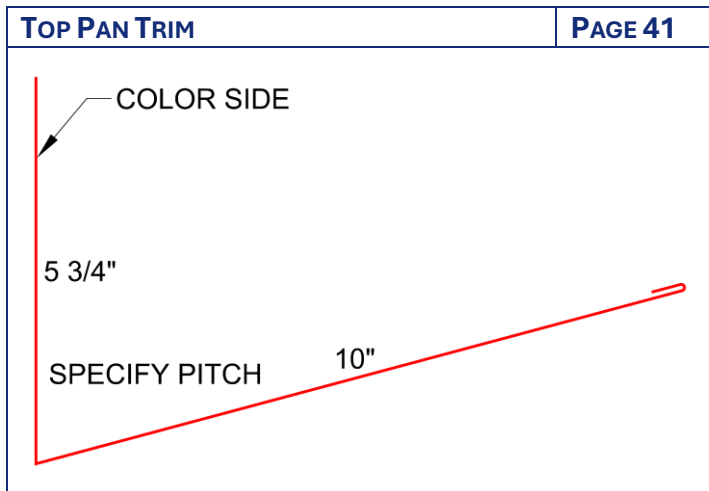


Roof Accessory Trims

Snow Break Trim



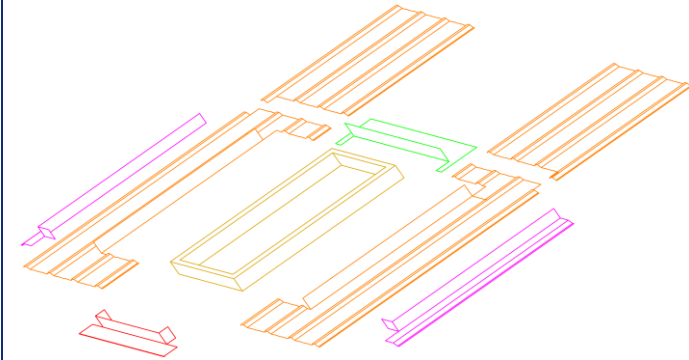
Top Pan and Reglet Trim



Chimney and Skylight

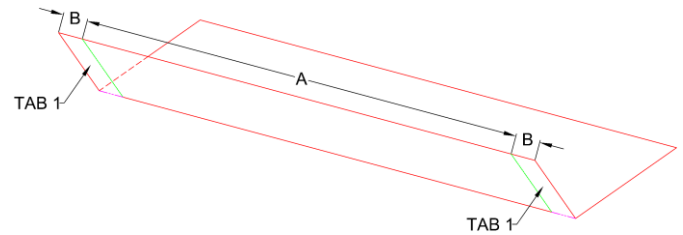
OVERVIEW

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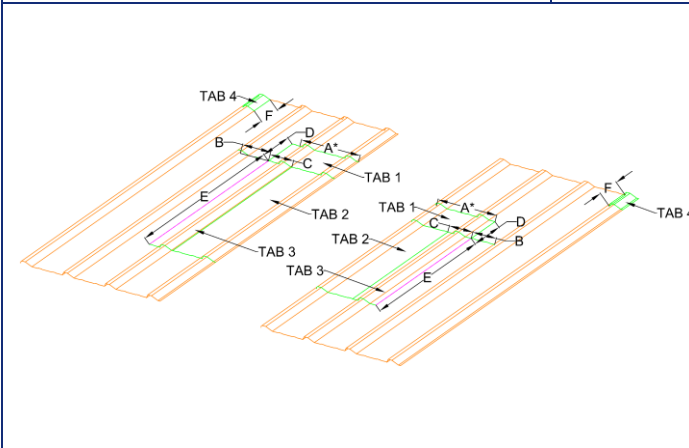
TOP PAN TRIM

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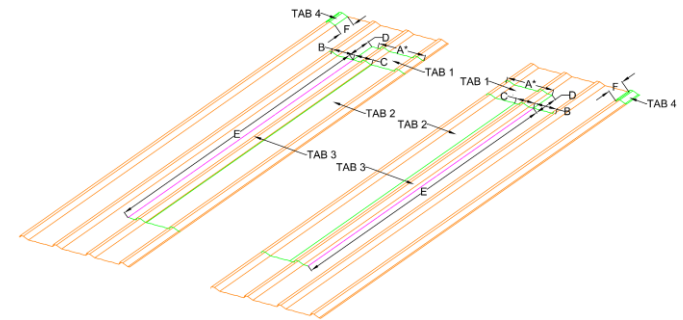
CHIMNEY LOWER ROOF PANEL

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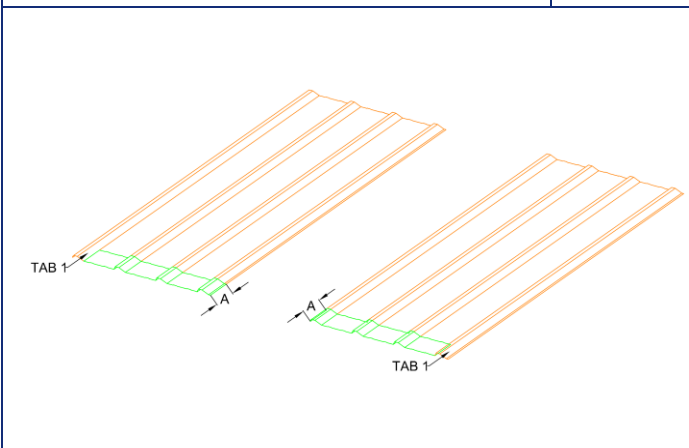
SKYLIGHT LOWER ROOF PANEL

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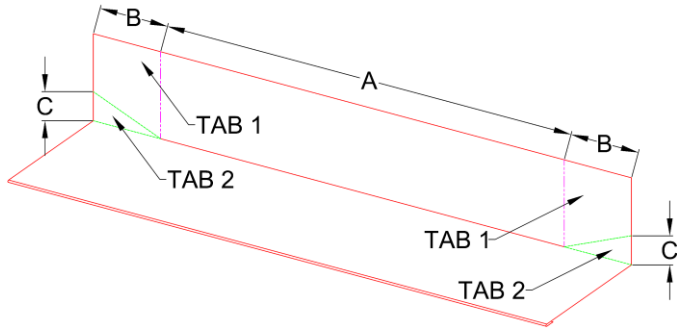
UPPER ROOF PANEL

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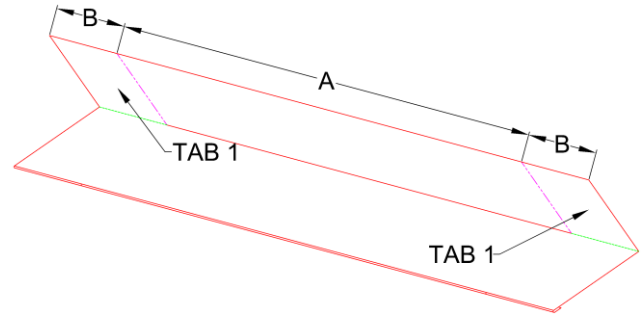
CHIMNEY ENDWALL TRIM

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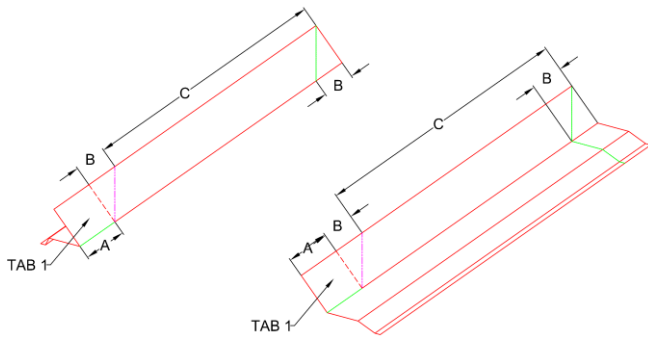
SKYLIGHT ENDWALL TRIM

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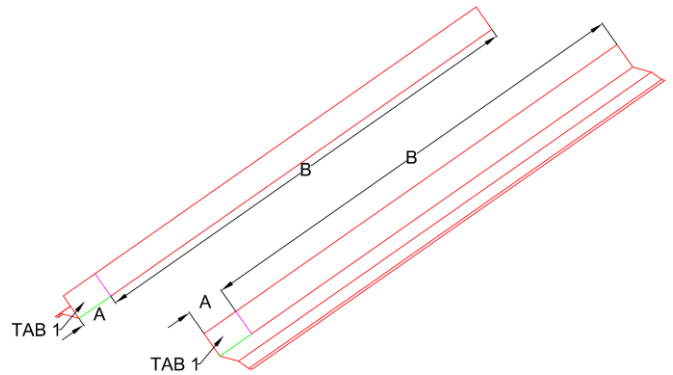
CHIMNEY SIDEWALL TRIM

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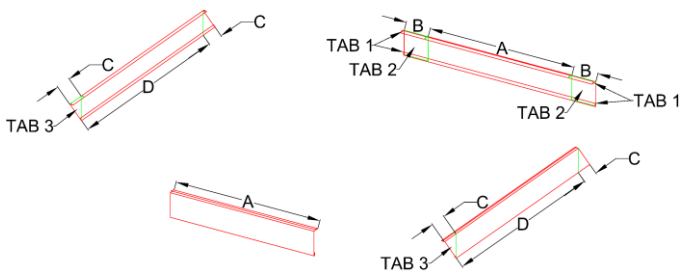
SKYLIGHT SIDEWALL TRIM

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REGLET TRIM

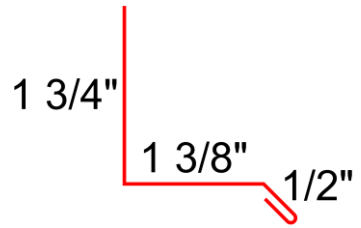
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Siding Accessory Trim

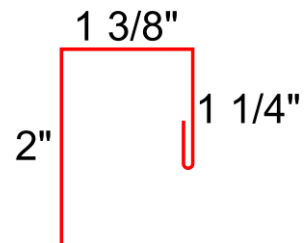
BASE TRIM

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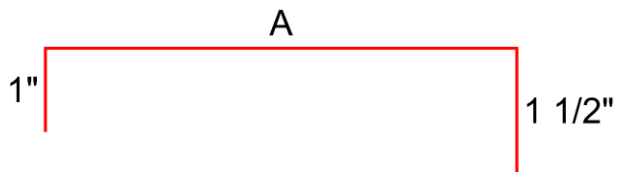
C-FLASHING TRIM

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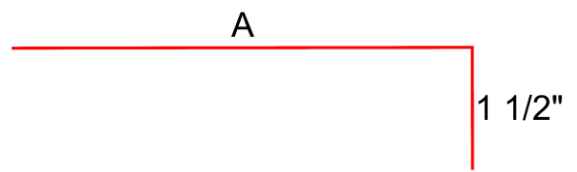
DOOR JAMB

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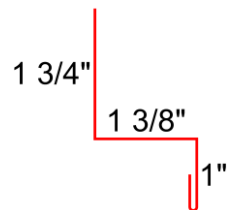
OPEN DOOR JAMB

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Z-FLASHING

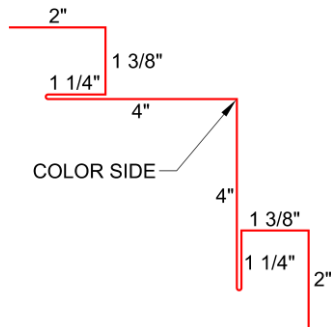
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Corner Trims

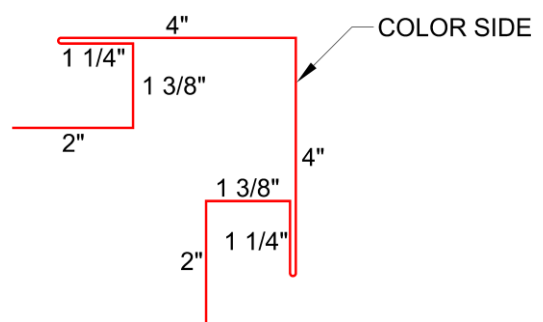
HORIZONTAL INSIDE CORNER POST

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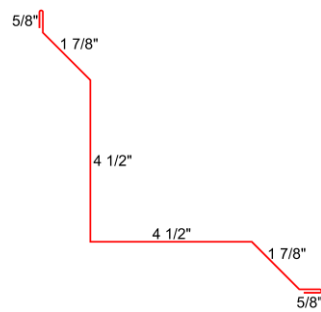
HORIZONTAL OUTSIDE CORNER POST

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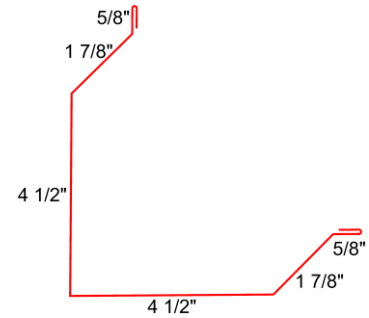
INSIDE CORNER TRIM

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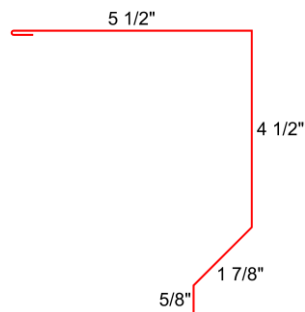
OUTSIDE CORNER TRIM

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FLUSH OUTSIDE CORNER TRIM

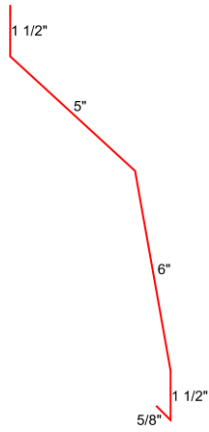
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Track Coverings

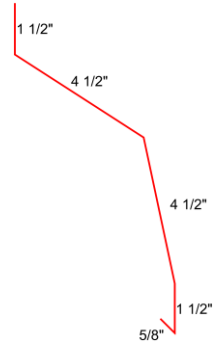
ADJUSTABLE SINGLE TRACK

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FACE MOUNT SINGLE TRACK

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DOUBLE TRACK

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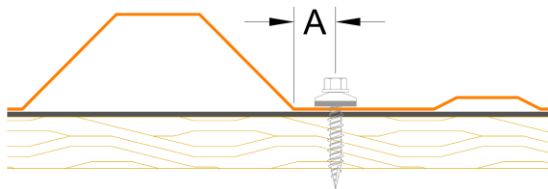
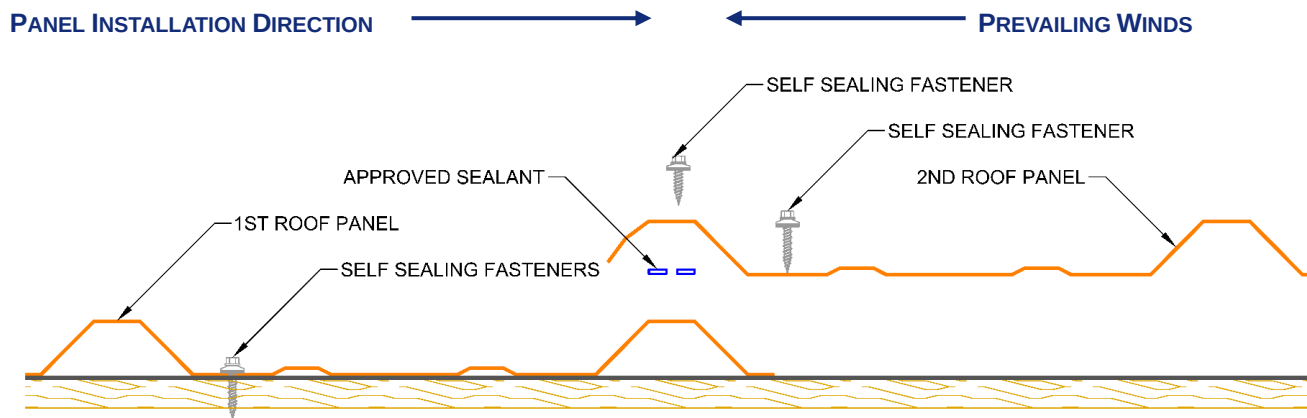




ROOF PANELS

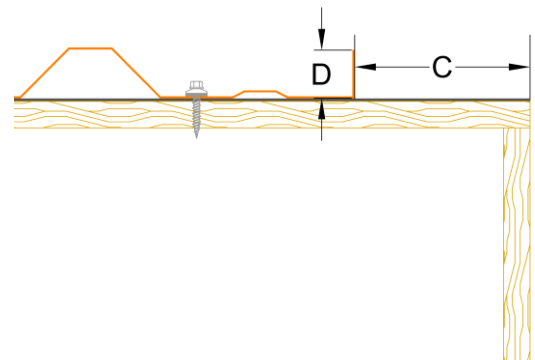
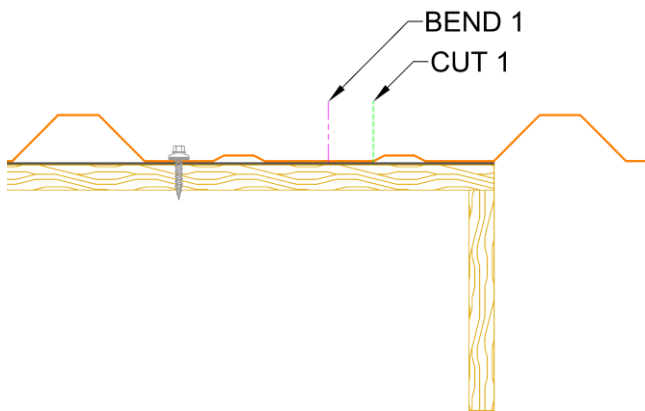
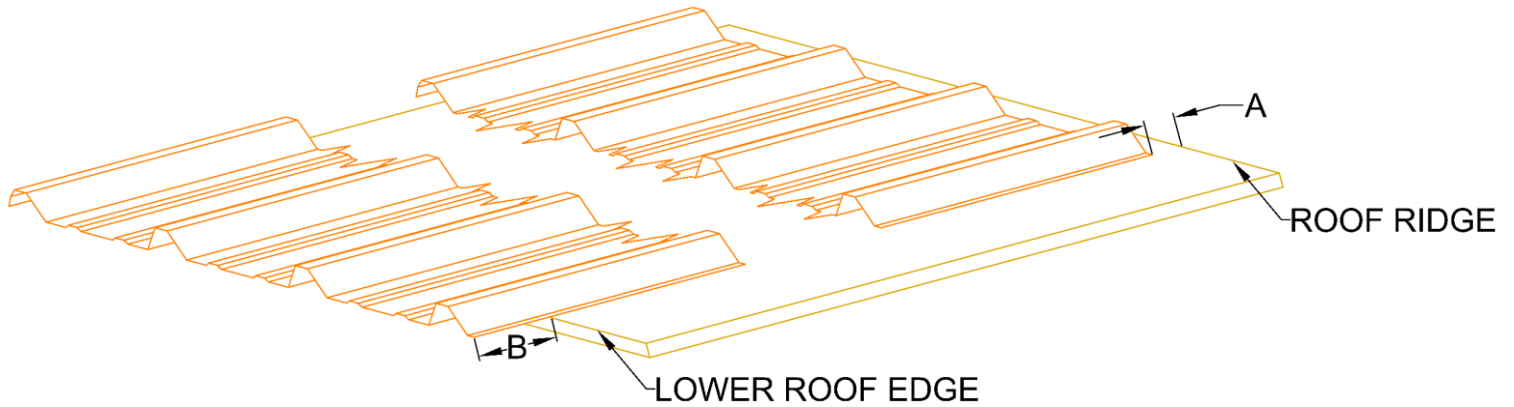
Diagram illustrating the cross-section of a roof assembly with 36" coverage. The assembly includes an ANTI-SIPHON layer, insulation, and a membrane. Key dimensions shown are:

- 36" COVERAGE (Total width of the assembly)
- 1 1/8" (Height of the first slope)
- 3/4" (Width of the first flat section)
- 1/8" (Height of the second slope)
- 1" (Width of the second flat section)
- 4" (Width of the third flat section)
- 12" (Total width of the second slope and flat section)
- 4" (Width of the fourth flat section)



1. CLEAN AND PREP THE INSTALLATION SITE
2. INSTALL **ROOF PANELS INTO** THE **PREVAILING WIND**.
3. INSTALL **ROOF PANELS**, USING **APPROVED SEALANT** AND **SELF SEALING FASTENER** AS SHOWN.
4. CLEAN ALL PANELS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

- **DO NOT STEP** ON MAJOR RIBS. STEP ONLY ON THE FLATS OF THE ROOF PANELS.
- **DIMENSION A** IS RECOMMENDED 1/2".



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE
2. INSTALL **ROOF PANELS** WITH A MAXIMUM SPACE OF **DIMENSION A** FROM THE **ROOF RIDGE**.
3. INSTALL **ROOF PANELS** WITH AN OVERHANG OF **DIMENSION B** FROM **LOWER ROOF EDGE**.
4. CLEAN ALL PANELS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

TERMINATION PROCEDURES:

1. CUT PANEL AT **Cut 1**. BEND 1 UPWARDS.
2. TERMINATION PROCEDURES ARE USED AT CORNERS, GABLES, ETC.

NOTES:

- **DIMENSION A** IS MAXIMUM 2".
- **DIMENSION B** IS BETWEEN 1" AND 2".
- **DIMENSION C** IS BASED ON TRIM. SEE INDIVIDUAL TRIMS FOR DETAILS.
- **DIMENSION D** IS MAXIMUM 1".

TRIM	DIMENSION C
GABLES	MAXIMUM 4"
CORNERS	MAXIMUM 6"
HORIZONTAL CORNERS	MAXIMUM 1/4"

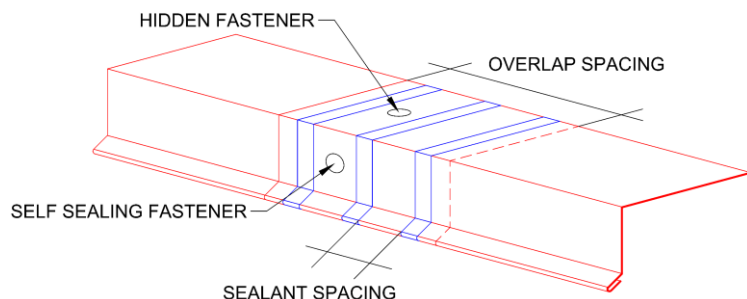


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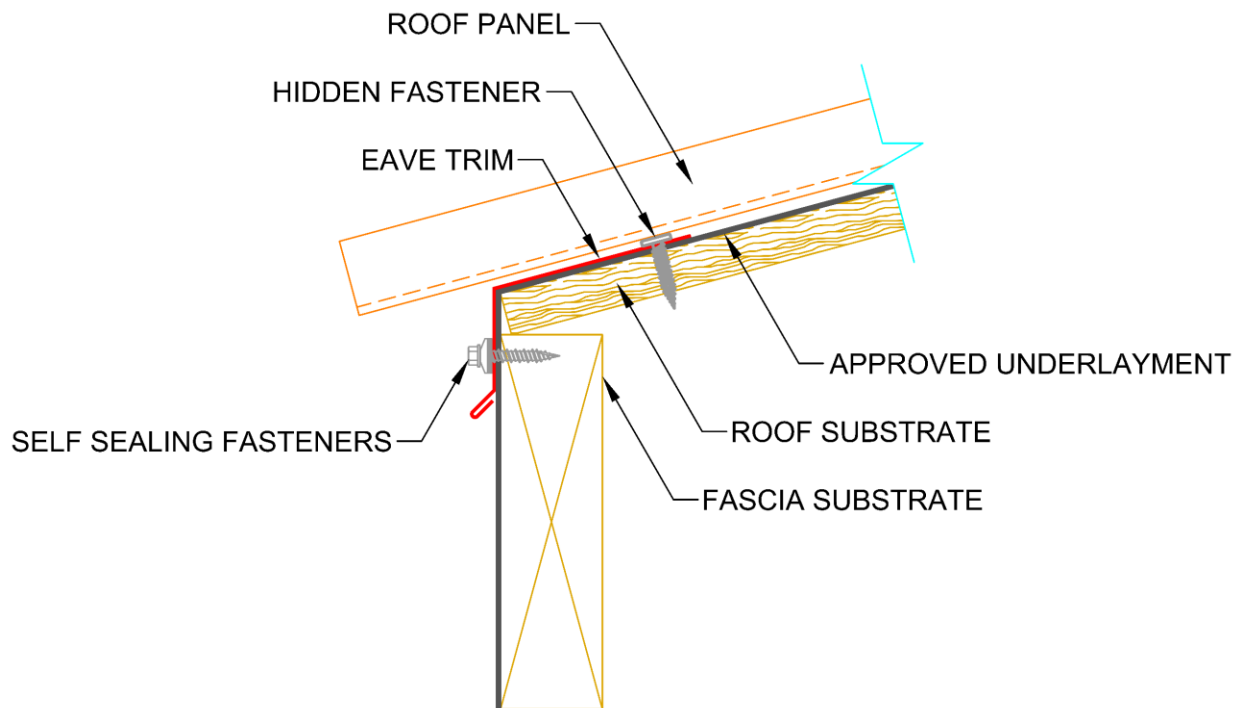
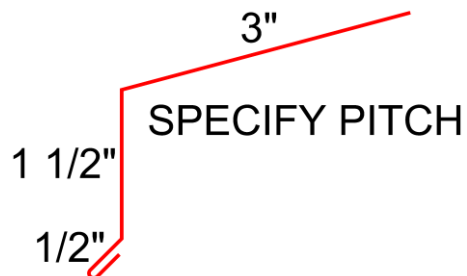
PBR PANEL

EAVE TRIM

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. INSTALL **EAVE TRIM** USING **HIDDEN FASTENERS** SPACE **24"** INTO **ROOF SUBSTRATE** AS SHOWN.
3. INSTALL **ROOF PANEL** USING TYPICAL INSTALLATION.
4. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALL. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAP NOTES:

- **OVERLAPPING SPACING** IS **4"**
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AT **1"** APART.
- USE APPROVED **HIDDEN FASTENER** CENTERED ON THE TOP FACE OF THE **EAVE TRIM**.
- USE APPROVED **SELF SEALING FASTENER** CENTERED ON THE FRONT FACE OF THE **EAVE TRIM**.

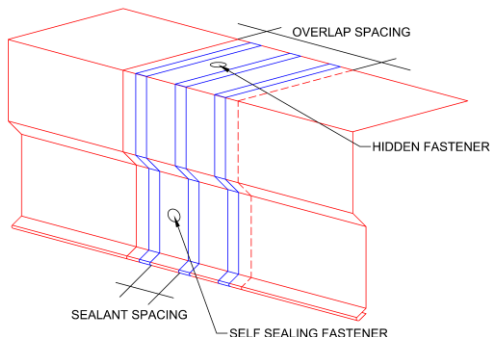


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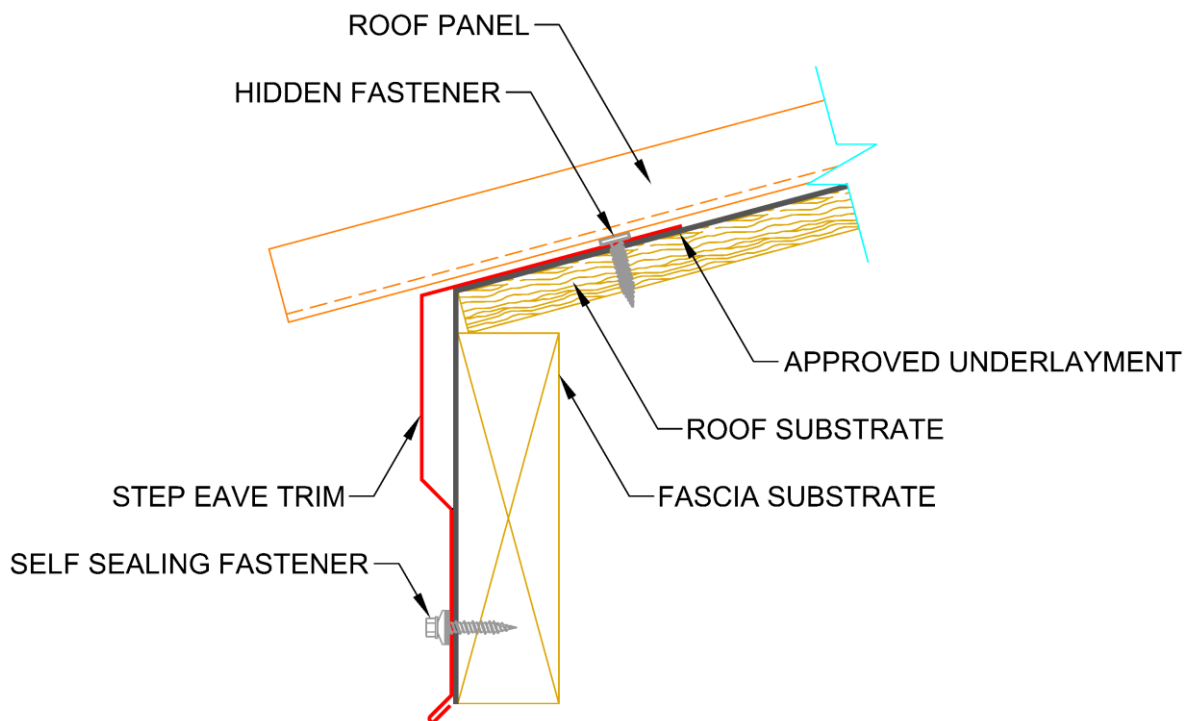
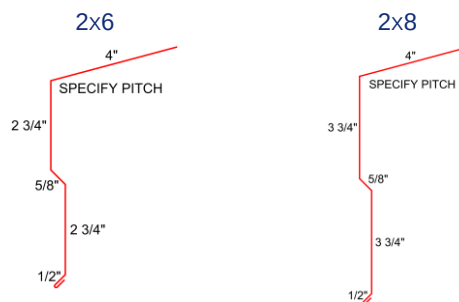
PBR PANEL

STEP EAVE TRIM

OVERLAPPING DETAILS



DIMENSIONS



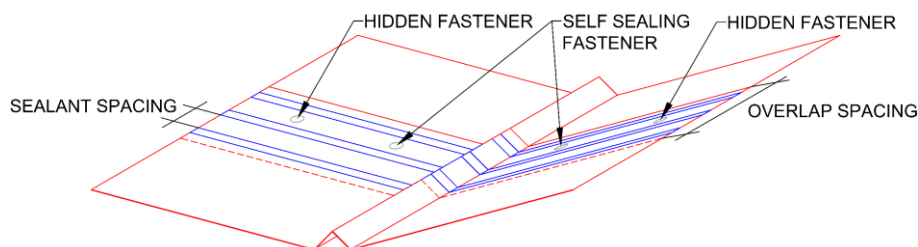
PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE..
2. INSTALL **STEP EAVE TRIM** USING **HIDDEN FASTENERS** SPACED **24"** INTO **ROOF SUBSTRATE** AS SHOWN.
3. USE **SELF SEALING FASTENERS** SPACED **24"** INTO **FASCIA SUBSTRATE** AS SHOWN
4. INSTALL **ROOF PANEL** USING TYPICAL INSTALLATION.
5. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALL. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAP NOTES:

- **OVERLAPPING SPACING** IS **4"**.
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALING SPACING** AT **1"** APART.
- USE **HIDDEN FASTENER** SPACED **24"** INTO **ROOF SUBSTRATE** AS SHOWN.
- USE **SELF SEALING FASTENER** SPACE **24"** INTO **FASCIA SUBSTRATE** AS SHOWN.

OVERLAPPING DETAILS

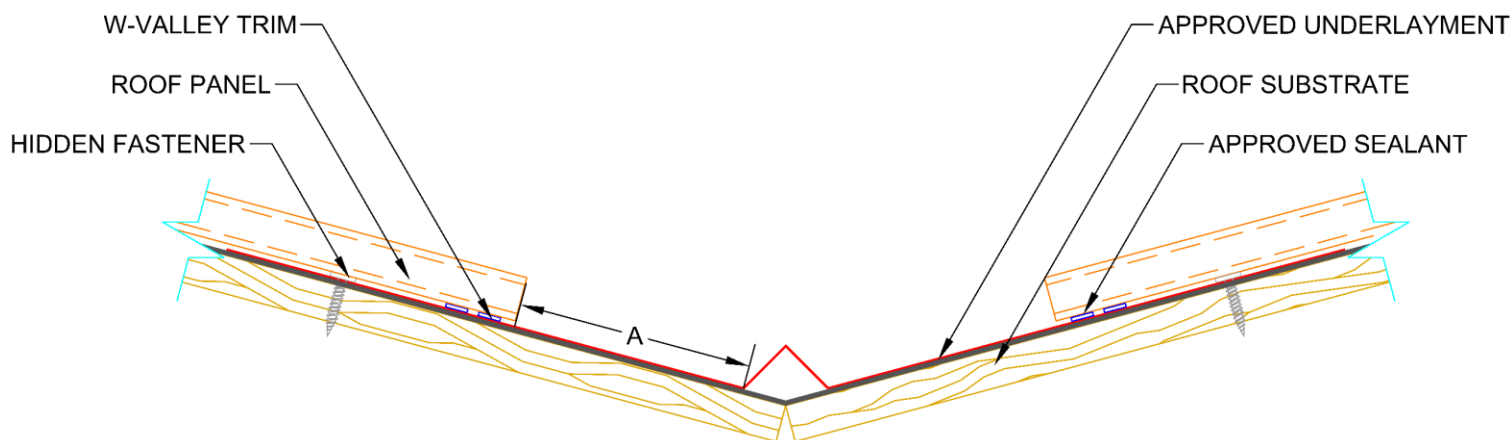


DIMENSIONS

20" W-VALLEY TRIM



24" W-VALLEY TRIM



PROCEDURES:

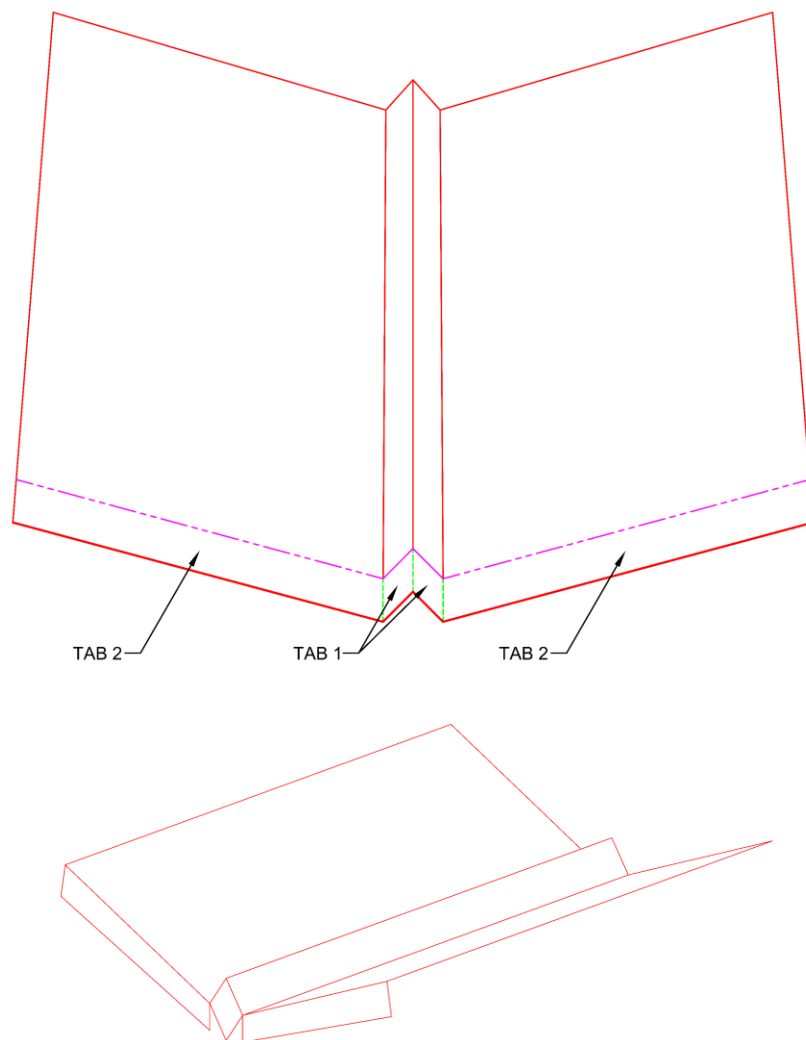
1. CLEAN AND PREP THE INSTALLATION SITE.
2. INSTALL **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL ANY ADDITIONAL **APPROVED UNDERLAYMENT** FOR THE REGION.
4. INSTALL **W-VALLEY TRIM** USING **HIDDEN FASTENER** SPACED **24"** ALONG TRIM AS SHOWN.
5. INSTALL **ROOF PANEL** USING TYPICAL INSTALLATION.
6. APPLY **APPROVED SEALANT 1/4"** FROM EDGE OF **ROOF PANEL**.
7. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALL. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS MINIMUM **6"**.
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS **1"**.
- USE **SELF SEALING FASTENER 2 1/2"** FROM THE **W-VALLEY TRIM'S** CENTER RIDGE.
- USE **HIDDEN FASTENER 2 1/2"** FROM THE OUTSIDE EDGE OF **W-VALLEY TRIM** WHERE THE **ROOF PANEL** OVERLAPS.

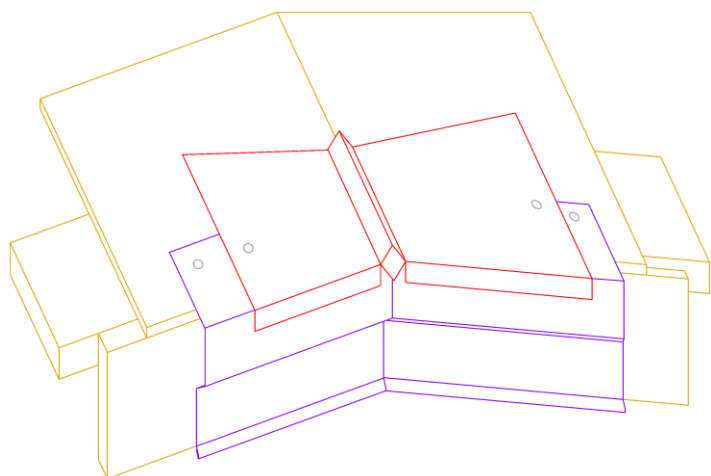
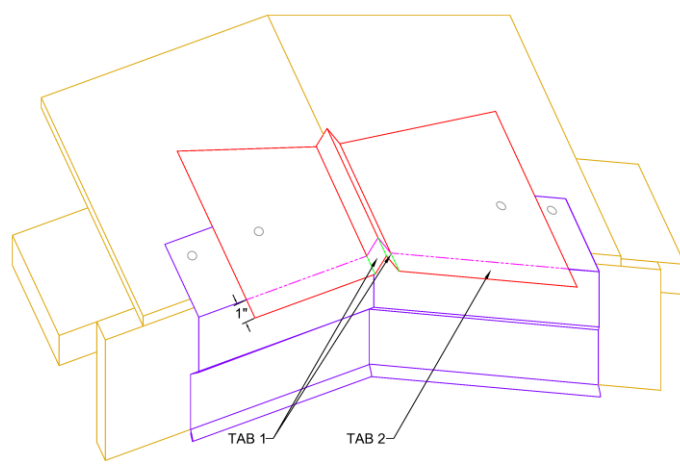
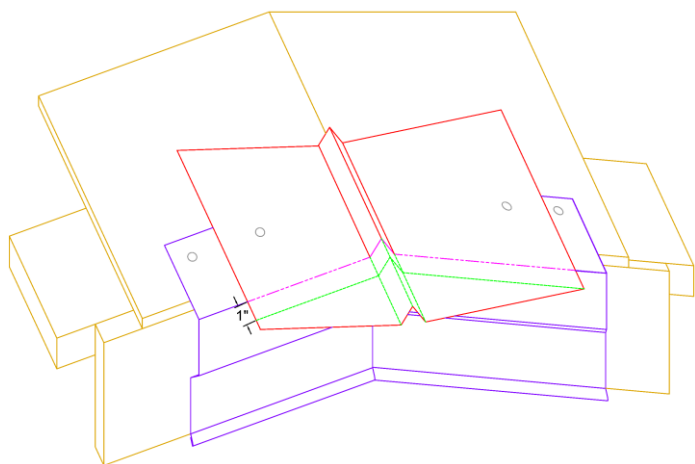
NOTES:

- **DIMENSION A** IS BETWEEN **4"** AND **6"** FROM THE **W-VALLEY TRIM** CENTER RIDGE.



PROCEDURES:

1. CUT ALL **GREEN LINES**.
2. BEND **TAB 1** DOWNWARDS, OVERLAPPING EACH OTHER.
3. BEND **TAB 2** DOWNWARDS OVER **EAVE TRIM**.



PROCEDURES:

1. PLACE **W-VALLEY TRIM** FLAT ON THE **ROOF SUBSTRATE** WITH AN OVERHANG OF **1"** MINIMUM.
2. SCORE THE UNDERSIDE OF THE **W-VALLEY TRIM** FOLLOWING THE **EAVE TRIM**.
3. FLIP OVER THE **W-VALLEY TRIM** MARKING A **CUT LINE** MEASURING **1"** MINIMUM FROM THE SCORED LINE.
4. CUT THE **CUT LINE**.
5. BEND **TAB 1** DOWNWARD, OVERLAPPING EACH OTHER
6. BEND **TAB 2** DOWNWARD OVER THE **EAVE TRIM**.
7. INSTALL THE **W-VALLEY TRIM** USING **HIDDEN FASTENERS 2 1/2"** FROM THE EDGE OF THE TRIM AND SPACED **24"** ALONG THE EDGE.

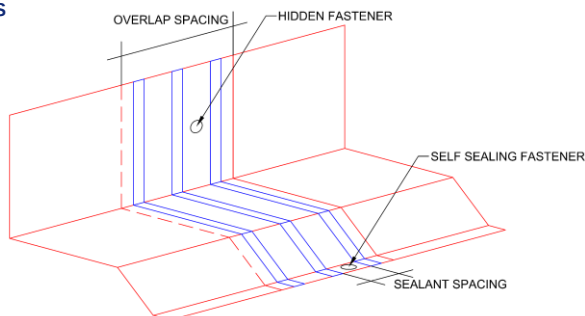


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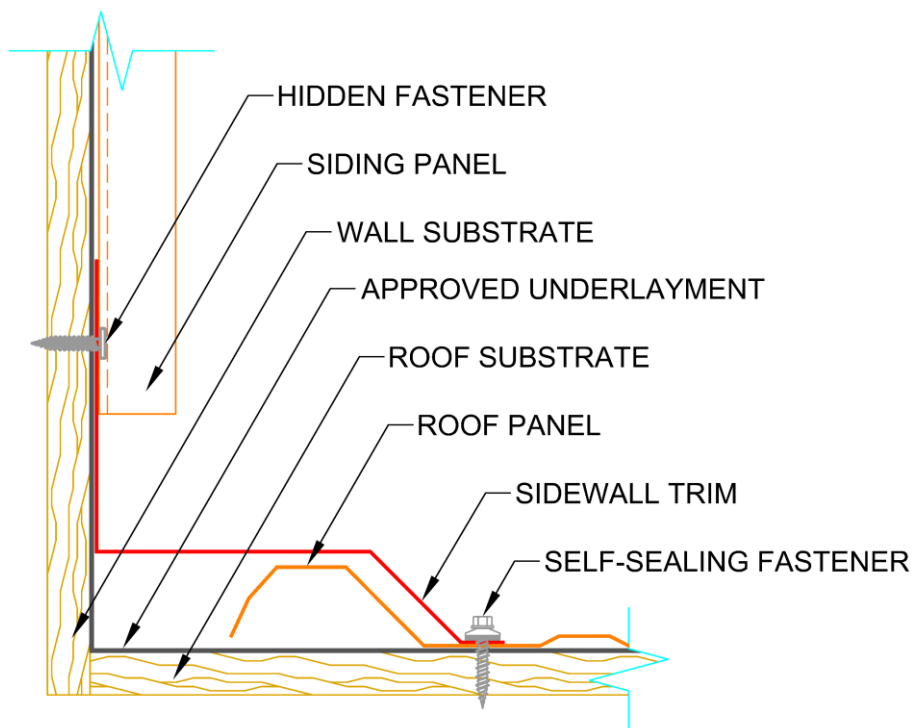
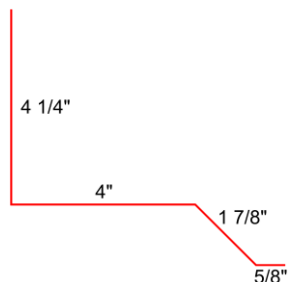
PBR PANEL

SIDEWALL TRIM

OVERLAPPING DETAILS



DIMENSIONS



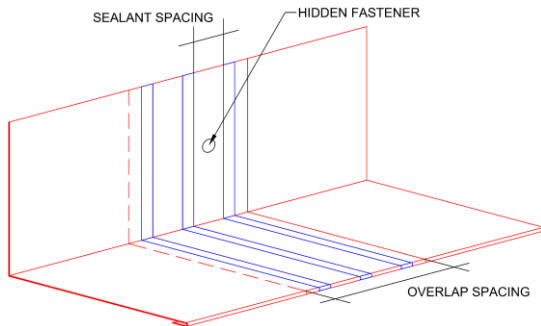
PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL ROOF PANEL USING TYPICAL INSTALLATION.
4. INSTALL SIDEWALL TRIM USING HIDDEN FASTENERS SPACED 24" ALONG TRIM INTO WALL SUBSTRATE.
5. ADDITIONALLY, USE SELF SEALING FASTENERS SPACED 24" ALONG TRIM THROUGH ROOF PANEL INTO ROOF SUBSTRATE.
6. INSTALL SIDING PANEL USING TYPICAL ROOF PANEL INSTALLATION.
7. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

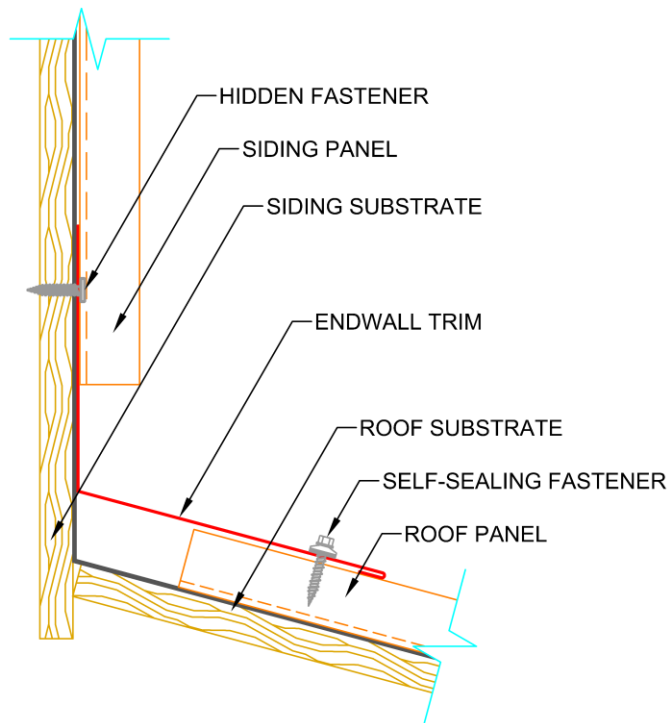
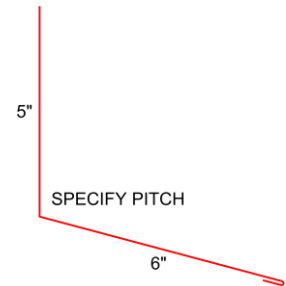
OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS 4".
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS 1".
- USE **HIDDEN FASTENERS** CENTERED ON VERTICAL LEG AS SHOWN.
- USE **SELF SEALING FASTENER** CENTERED ON HORIZONTAL LEG AS SHOWN.

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTION.
3. INSTALL **LOWER ROOF PANEL** USING TYPICAL INSTALLATION.
4. INSTALL **ENDWALL TRIM** USING **HIDDEN FASTENER** SPACED **24"** ALONG TRIM INTO **WALL SUBSTRATE**.
5. ADDITIONALLY, USE **SELF SEALING FASTENERS** ALONG TRIM INTO **ROOF PANEL MAJOR RIBS**.
6. INSTALL **SIDING PANELS** USING TYPICAL **ROOF PANEL** INSTALLATION.
7. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALL. REMOVE ALL SWarf: TRIMMINGS, SHAVINGS, FILINGS, ETC.

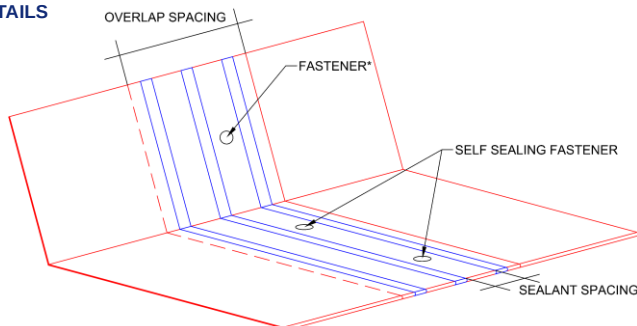
OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS **4"**.
- APPLY 3 ROWS OF **APPROVED SEALANT** AND **SEALANT SPACING** AS **1"**.
- USE **SELF SEALING FASTENERS** AS SHOWN.

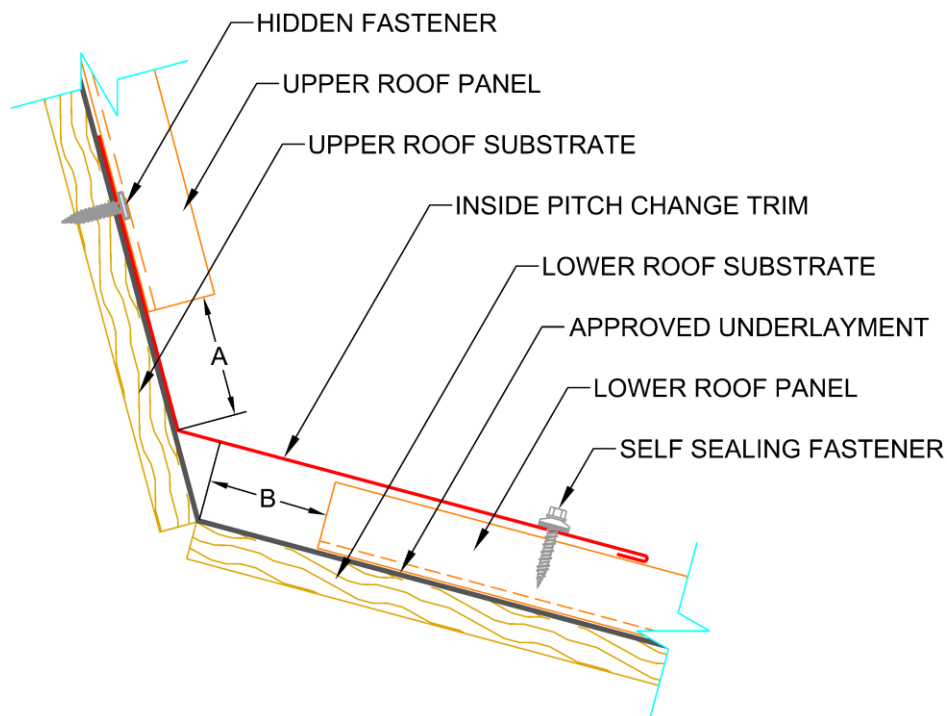
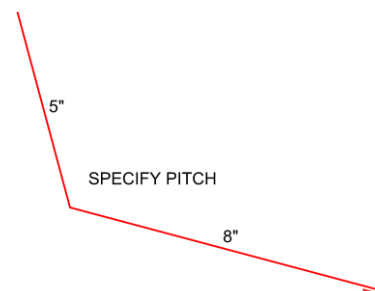
NOTES:

- **DIMENSION A** IS **2"** MAXIMUM.

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **LOWER ROOF PANEL** USING TYPICAL INSTALLATION.
4. INSTALL **INSIDE PITCH CHANGE TRIM** USING **HIDDEN FASTENER** SPACED **24"** INTO **UPPER ROOF SUBSTRATE**.
5. ADDITIONALLY, USE **SELF SEALING FASTENER** INTO THE **LOWER ROOF PANEL'S** MAJOR RIBS.
6. INSTALL **UPPER ROOF PANEL** USING TYPICAL INSTALLATION.
7. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS **4"**.
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS **1"**.
- USE **SELF SEALING FASTENER** SPACED **4"** CENTERED ON LOWER LEG.
- USE **HIDDEN FASTENERS** CENTERED ON UPPER LEG OF TRIM INTO **UPPER ROOF SUBSTRATE**.

NOTES:

- **DIMENSION A** IS MAXIMUM **2"**.
- **DIMENSION B** IS MAXIMUM **4"**.

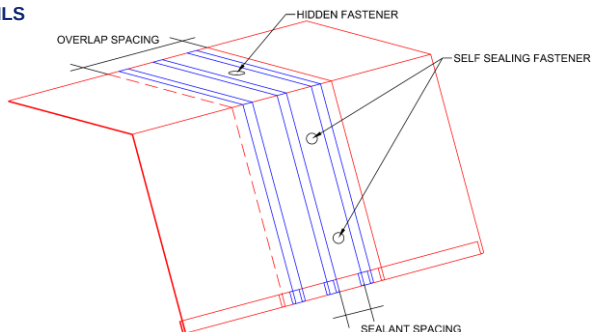


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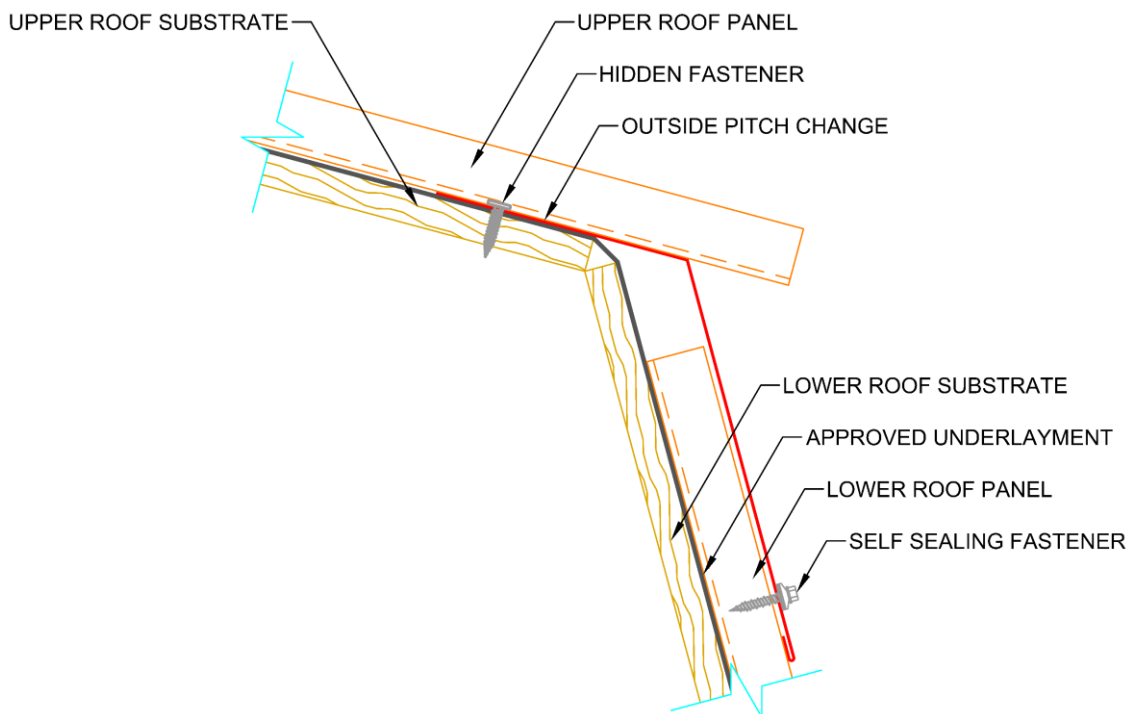
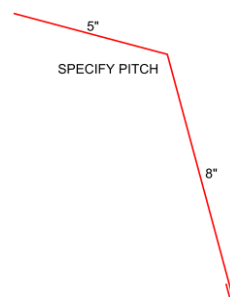
PBR PANEL

OUTSIDE PITCH CHANGE TRIM

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **LOWER ROOF PANEL** USING TYPICAL INSTALLATION.
4. INSTALL **OUTSIDE PITCH CHANGE TRIM** USING **HIDDEN FASTENER** SPACED **24"** INTO **UPPER ROOF SUBSTRATE**.
5. ADDITIONALLY, USE **SELF SEALING FASTENER** INTO THE **LOWER ROOF PANEL'S MAJOR RIBS**.
6. INSTALL **UPPER ROOF PANEL** USING TYPICAL INSTALLATION.
7. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS **4"**.
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS **1"**.
- USE **SELF SEALING FASTENER** SPACED **4"** CENTERED ON LOWER LEG.
- USE **HIDDEN FASTENERS** CENTERED ON UPPER LEG OF TRIM INTO **UPPER ROOF SUBSTRATE**.

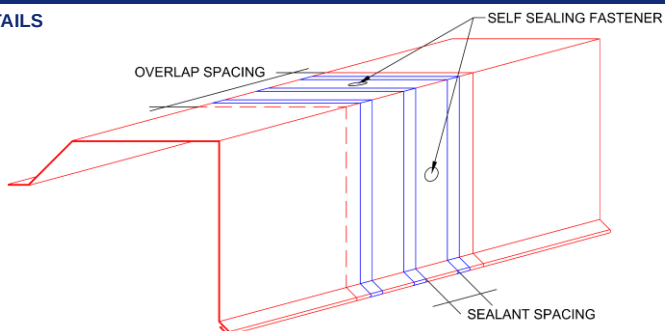


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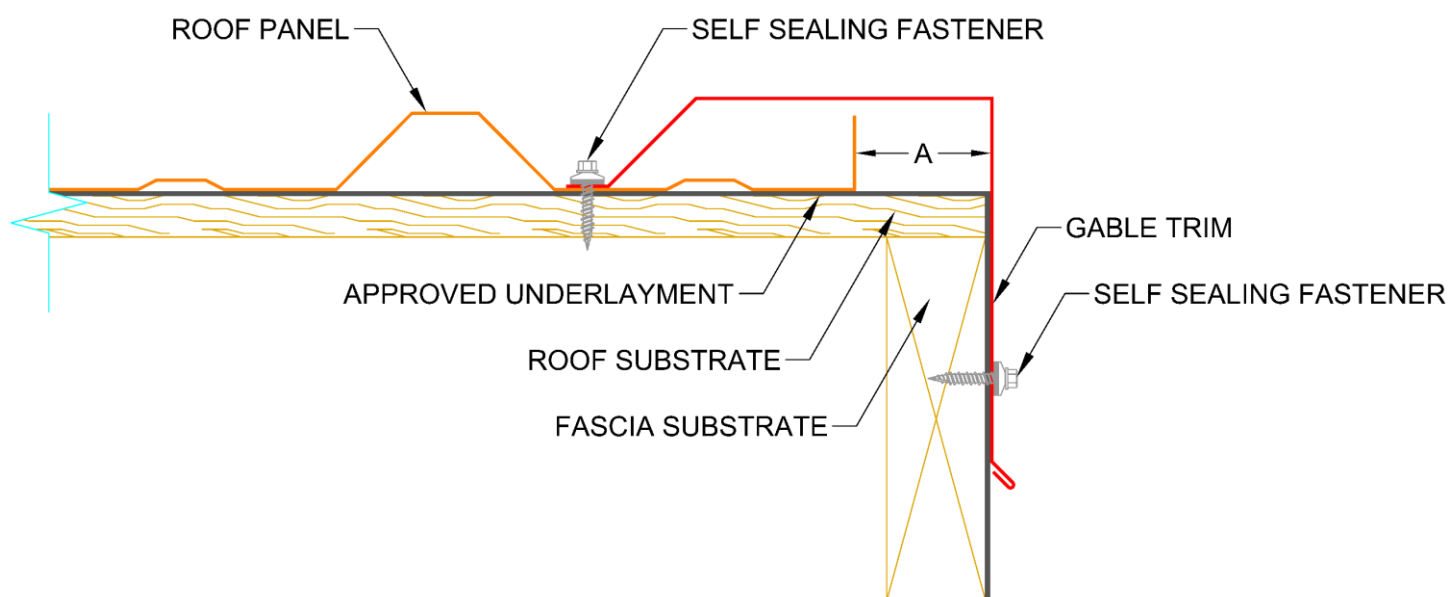
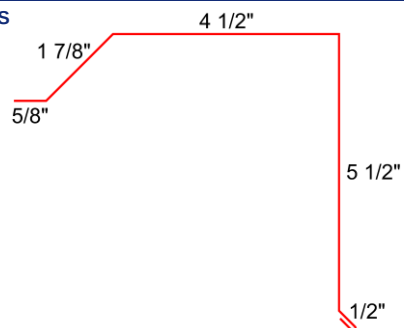
PBR PANEL

GABLE TRIM

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **ROOF PANELS** USING TYPICAL INSTALLATION.
4. INSTALL **GABLE TRIM** USING **SELF SEALING FASTENER** SPACED **24"** AS SHOWN.
5. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAPPING NOTES:

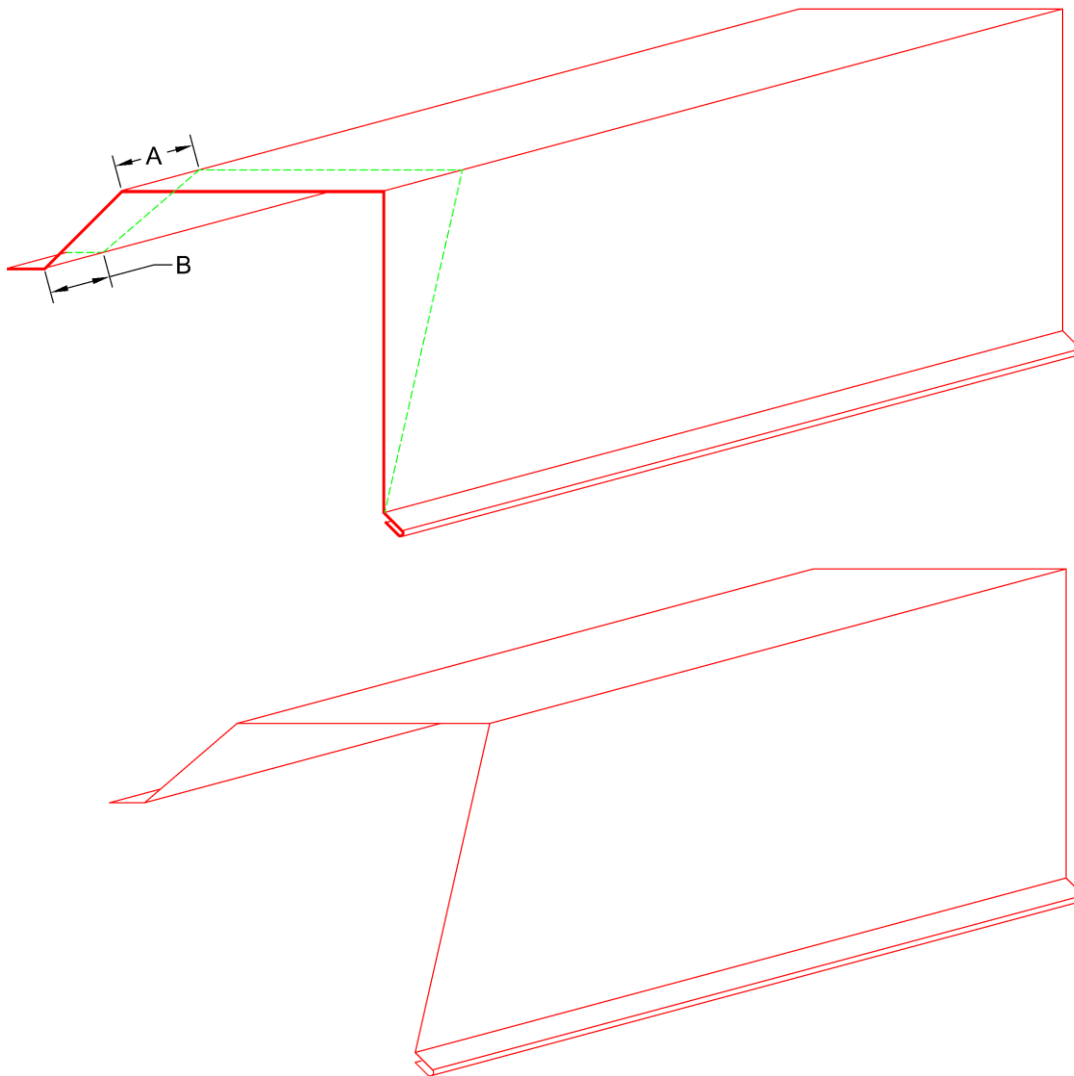
- **OVERLAPPING SPACING** IS **4"**.
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS **1"**
- USE **SELF SEALING FASTENERS** CENTERED ON EACH FACE AS SHOWN.



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PBR PANEL

GABLE TRIM



PROCEDURES:

1. CUT ALL **GREEN LINES**.
2. **DIMENSIONS A AND B** ARE BASED ON ROOF PITCH.

PITCH	DIMENSION A	DIMENSION B
3:12	1 3/8"	1 1/16"
4:12	1 13/16"	1 3/8"
5:12	2 5/16"	1 3/4"
6:12	2 3/4"	2 1/16"
7:12	3 3/16"	2 7/16"
8:12	3 11/16"	2 13/16"
9:12	4 1/8"	3 1/8"
10:12	4 9/16"	3 1/2"
11:12	5 1/16"	3 13/16"
12:12	5 1/2"	4 3/16"

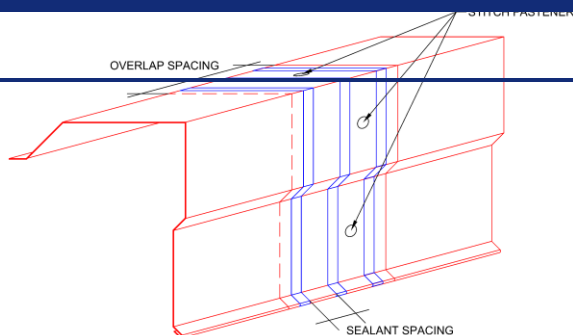


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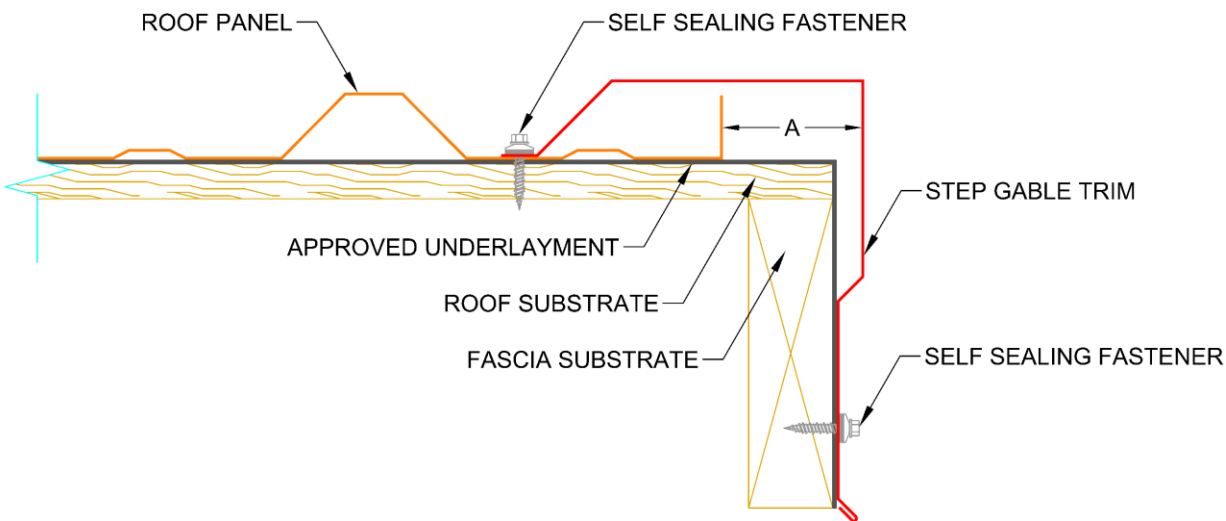
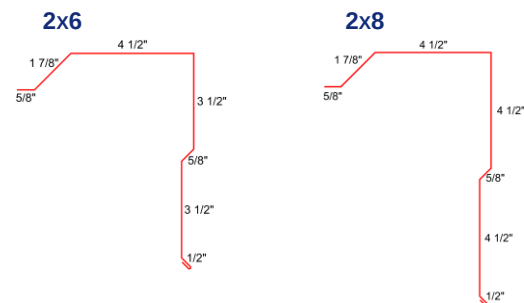
PBR PANEL

STEP GABLE TRIM

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **ROOF PANELS** USING **SELF SEALING FASTENER** SPACED **24"**.
4. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAPPING NOTES:

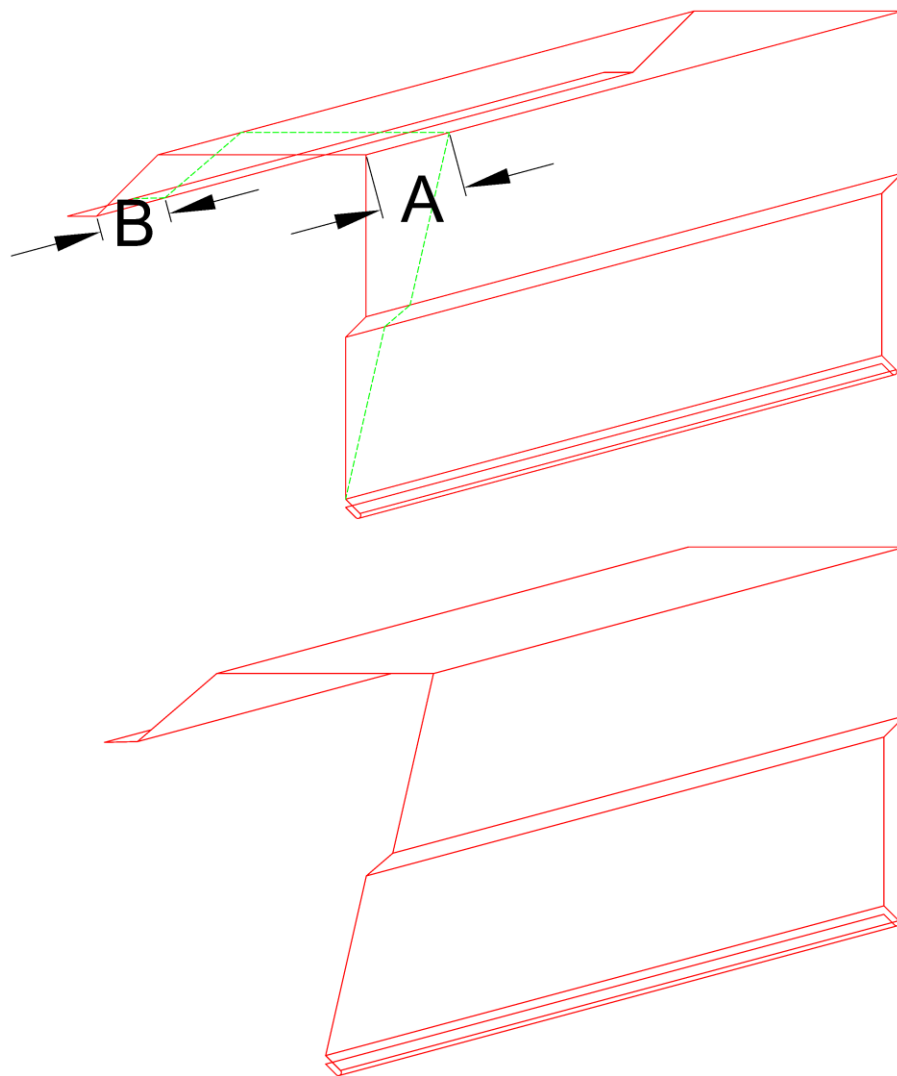
- **OVERLAPPING SPACING** IS **1"**.
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS **1"**
- USE **SELF SEALING FASTENERS** AS SHOWN.



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PBR PANEL

STEP GABLE TRIM



PROCEDURES:

1. CUT ALL **GREEN LINES**.
2. **DIMENSIONS A** IS BASED ON WHICH STYLE TRIM AND ROOF PITCH.

Pitch	Dimension A (2x6) (inch)	Dimension A (2x8) (inch)
3:12	1 13/16"	1 1/2"
4:12	2 1/16"	2 1/2"
5:12	2 9/16"	3 1/16"
6:12	3 1/16"	3 11/16"
7:12	3 9/16"	4 5/16"
8:12	4 1/16"	4 15/16"
9:12	4 9/16"	5 9/16"
10:12	5 1/16"	6 3/16"
11:12	5 5/8"	6 13/16"
12:12	6 1/8"	7 7/16"

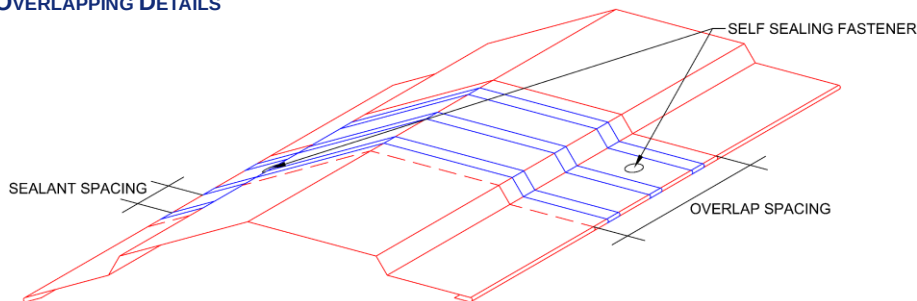


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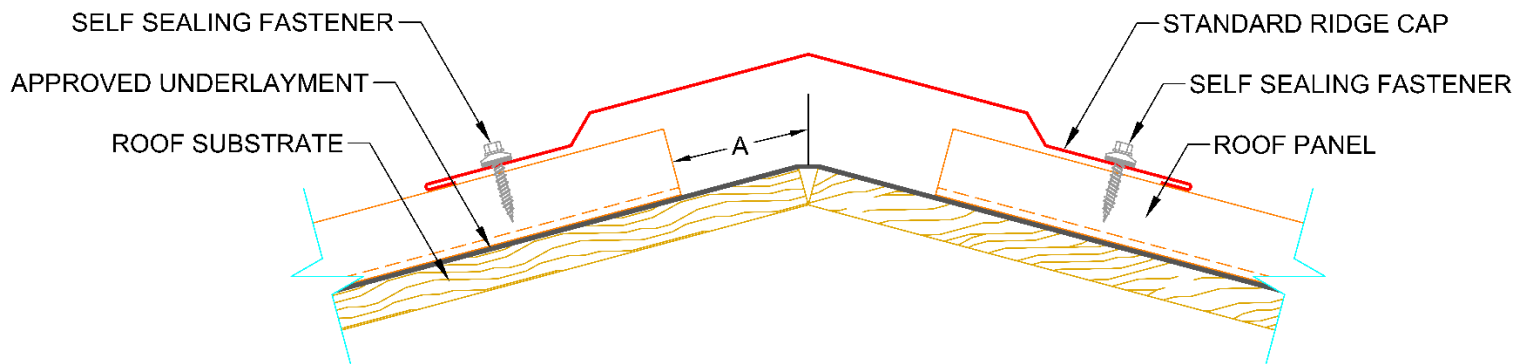
PBR PANEL

STANDARD RIDGE CAP

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

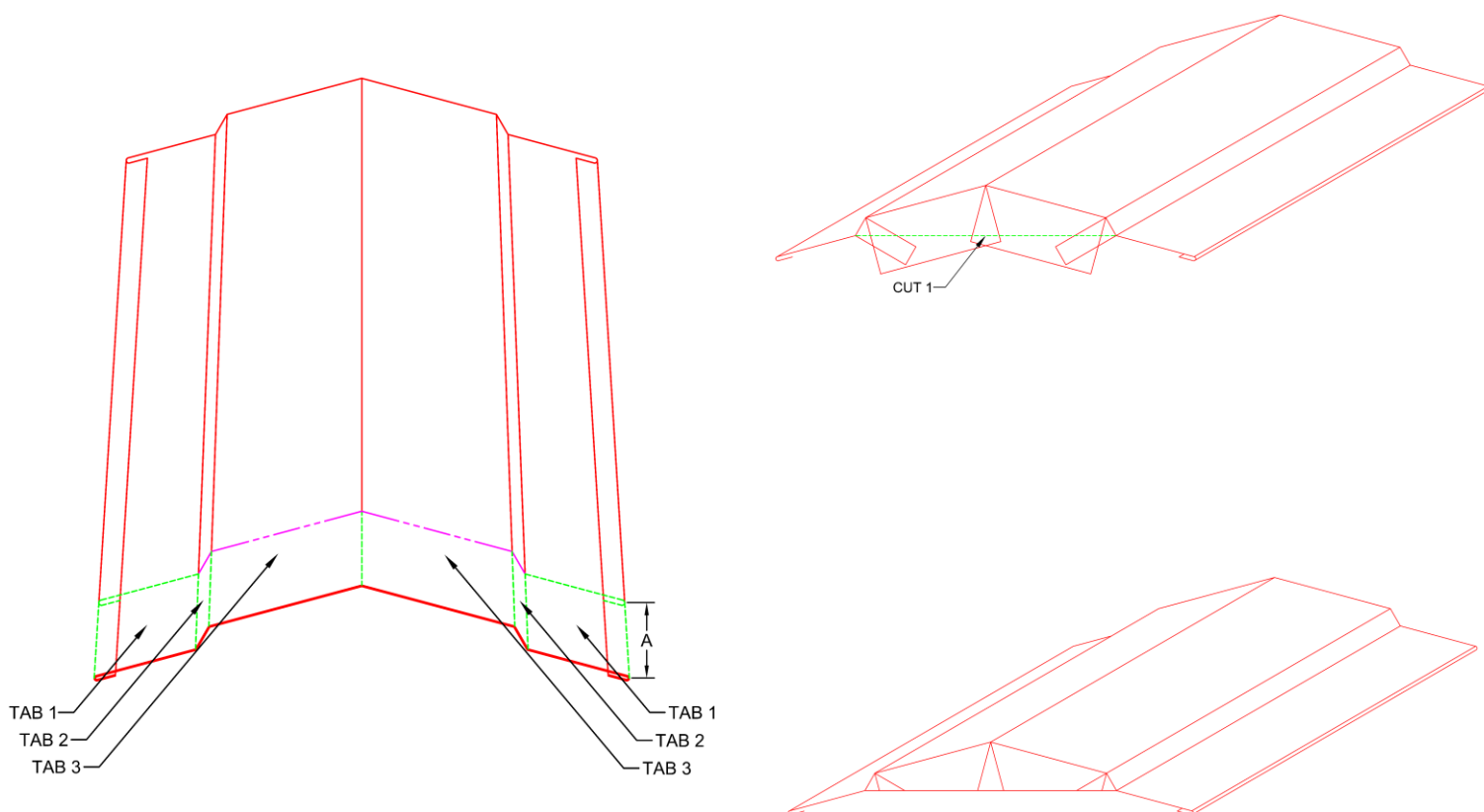
1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **ROOF PANELS** USING TYPICAL INSTALLATION
4. INSTALL **STANDARD RIDGE CAP** USING **SELF SEALING FASTENERS** INTO **ROOF PANEL MAJOR RIBS** AS SHOWN.
5. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS 4".
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS 1".
- USE **SELF SEALING FASTENERS** CENTERED ON EACH FLAT OF THE **STANDARD RIDGE CAP**.

NOTES:

- **DIMENSION A** IS MAXIMUM 2".



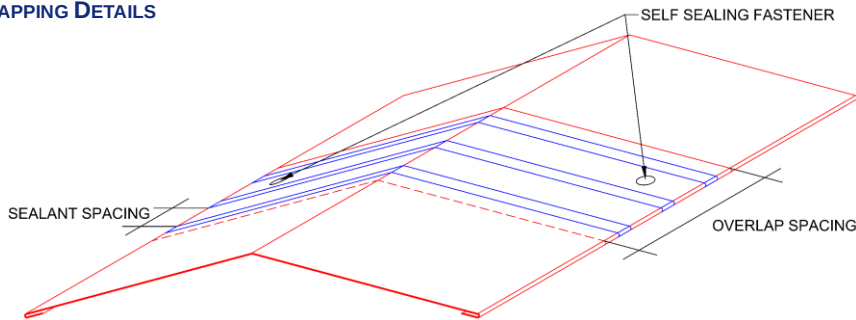
PROCEDURES:

1. CUT GREEN LINES, REMOVING THE HEMS (**TAB 1**).
2. BEND **TAB 2** INWARDS.
3. BEND **TAB 3** DOWNWARDS.
4. **CUT 1** IS A HORIZONTAL CUT AS SHOWN.

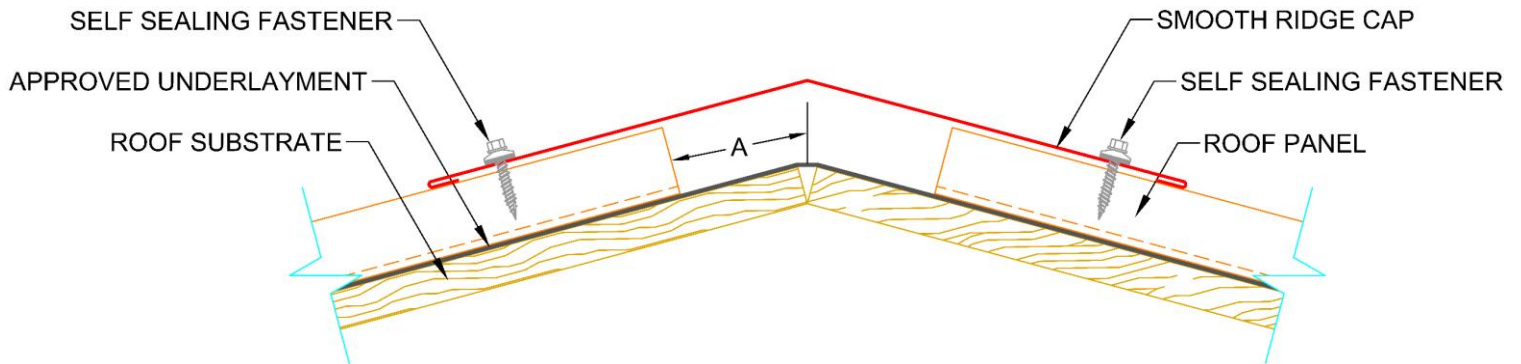
NOTES:

- **DIMENSION A** IS MINIMUM **2"**.

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

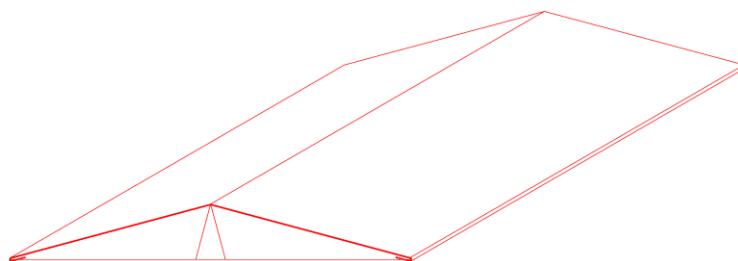
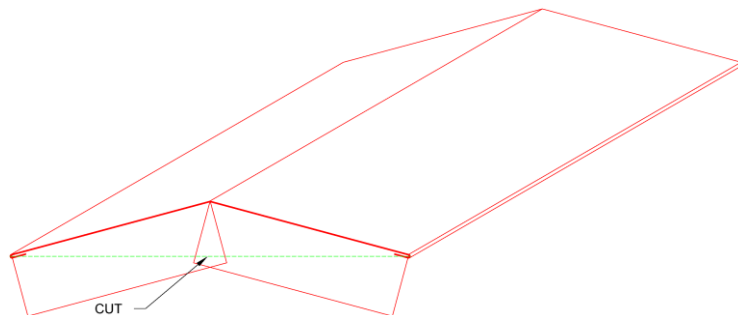
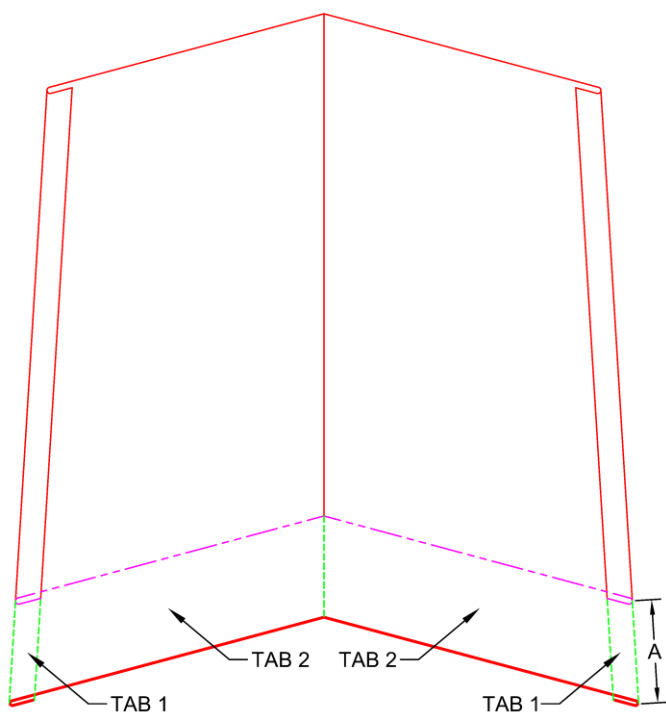
1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **ROOF PANELS** USING TYPICAL INSTALLATION
4. INSTALL **SMOOTH RIDGE CAP** USING **SELF SEALING FASTENERS** INTO **ROOF PANEL MAJOR RIBS** AS SHOWN.
5. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS 4".
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS 1".
- USE **SELF SEALING FASTENERS** CENTERED ON EACH FLAT OF THE **STANDARD RIDGE CAP**.

NOTES:

- **DIMENSION A** IS MAXIMUM 2".



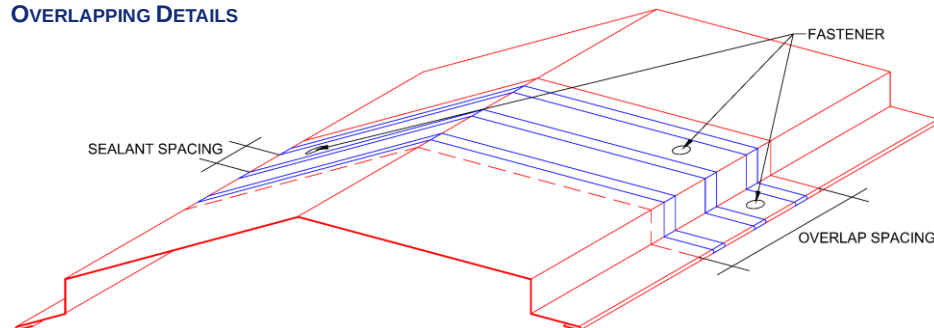
PROCEDURES:

1. CUT **GREEN LINES**, REMOVING THE HEMS (**TAB 1**).
2. BEND **TAB 2** DOWNWARDS.
3. **CUT 1** IS A HORIZONTAL CUT AS SHOWN.

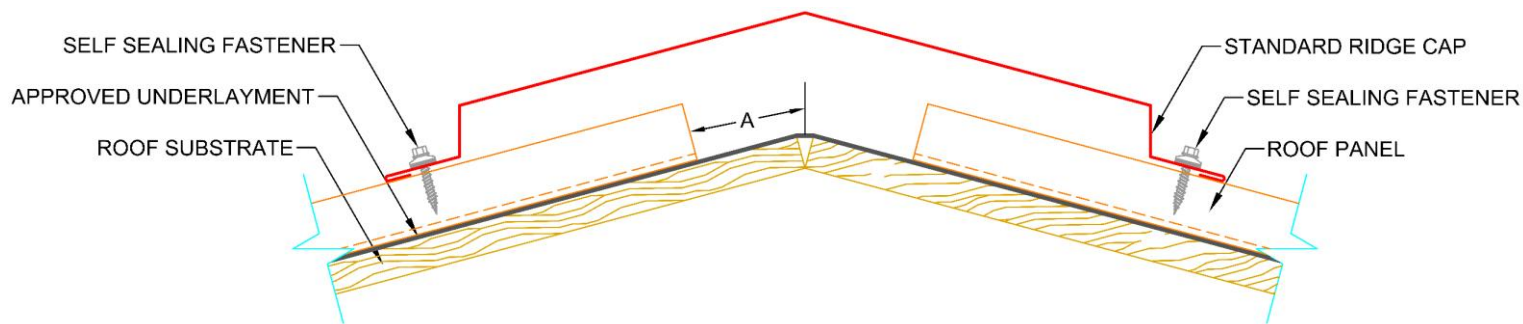
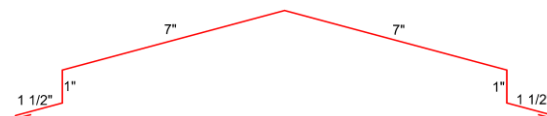
NOTES:

- **DIMENSION A** IS MINIMUM **2"**.

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

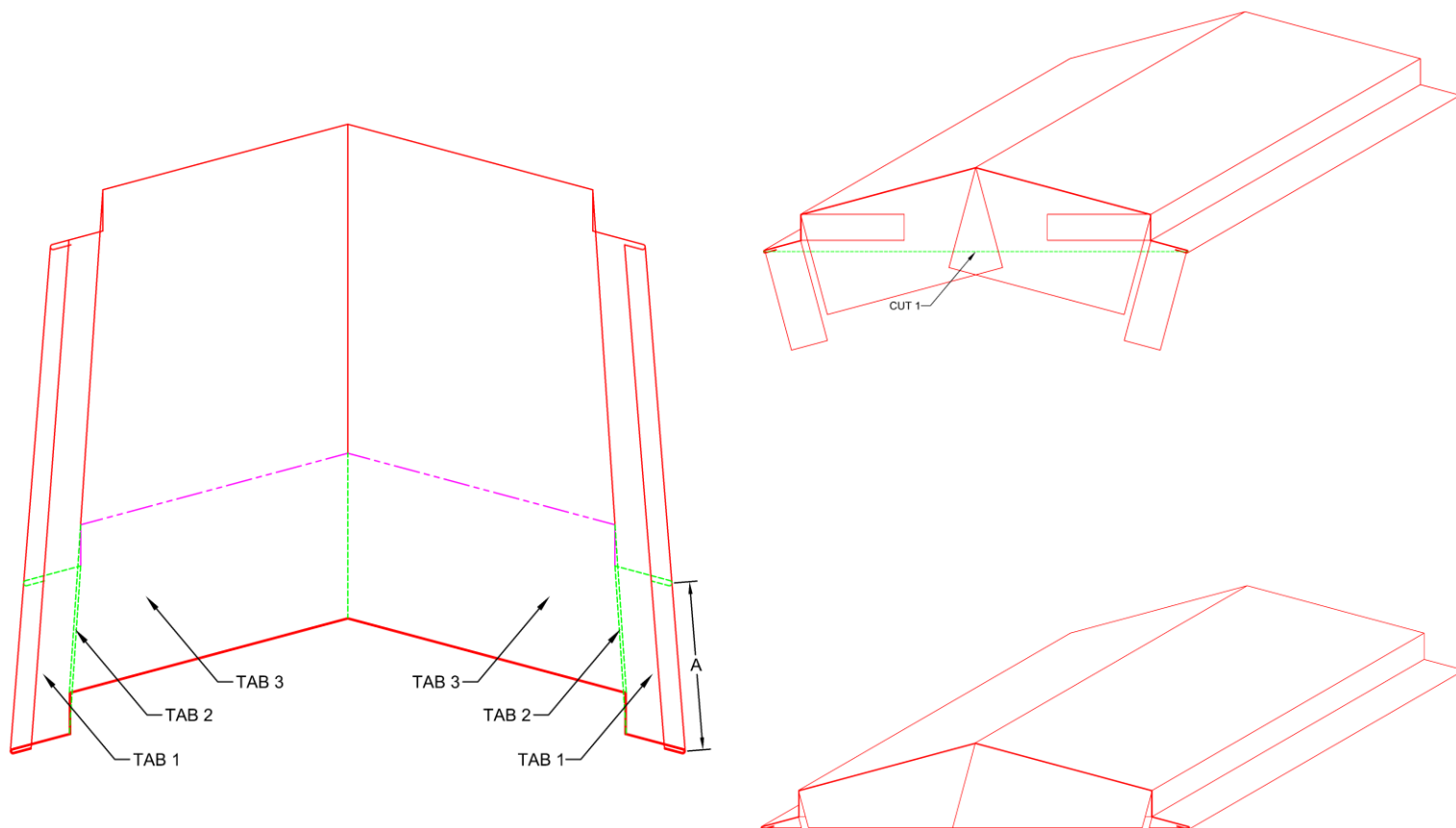
1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **ROOF PANELS** USING TYPICAL INSTALLATION
4. INSTALL **OPEN WIDE RIDGE CAP** USING **SELF SEALING FASTENERS** INTO **ROOF PANEL MAJOR RIBS** AS SHOWN.
5. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS 4".
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS 1".
- USE **SELF SEALING FASTENERS** CENTERED ON EACH FLAT OF THE **STANDARD RIDGE CAP**.

NOTES:

- **DIMENSION A** IS MAXIMUM 2".



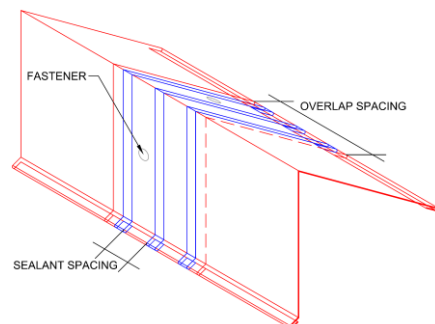
PROCEDURES:

1. CUT **GREEN LINES**.
2. BEND **TAB 2** INWARDS.
3. BEND **TAB 1 AND 3** DOWNWARDS.
4. **CUT 1** IS A HORIZONTAL CUT AS SHOWN.

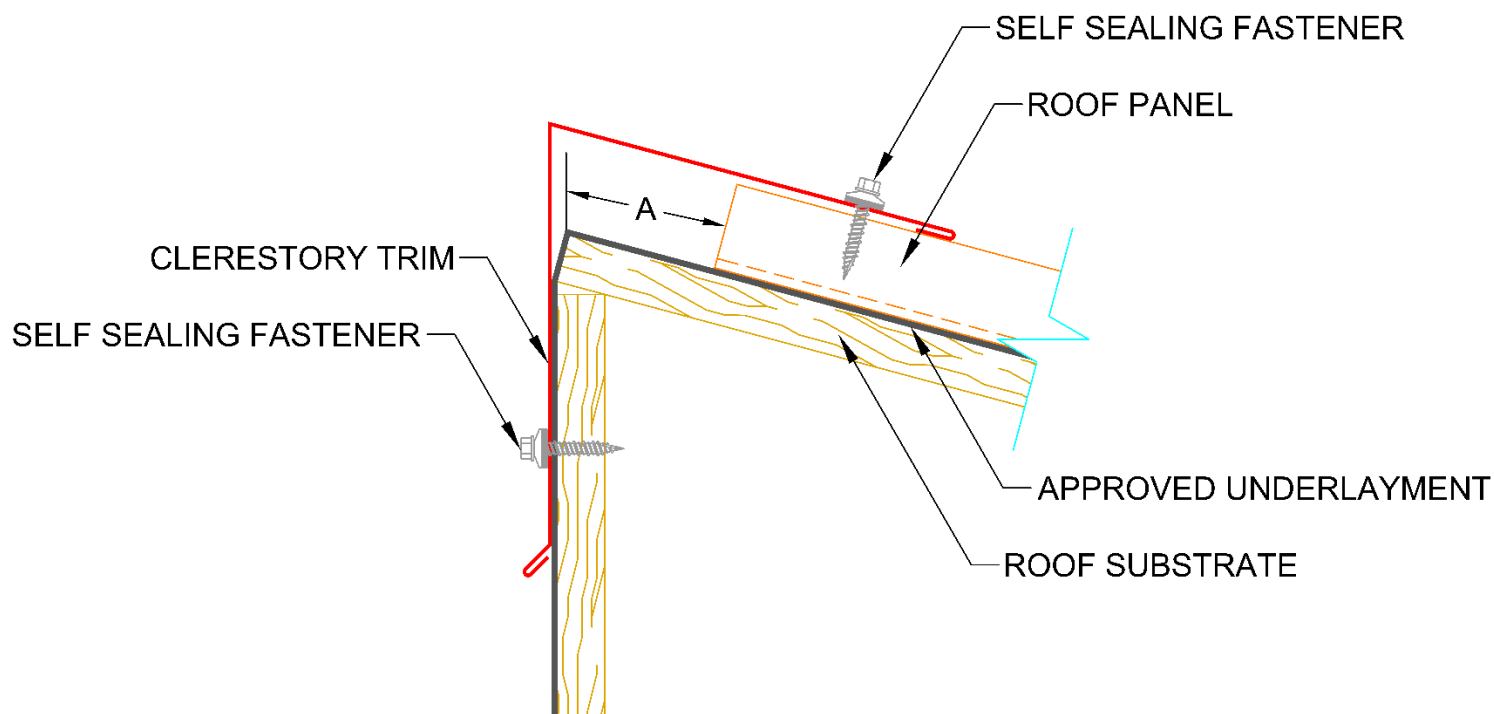
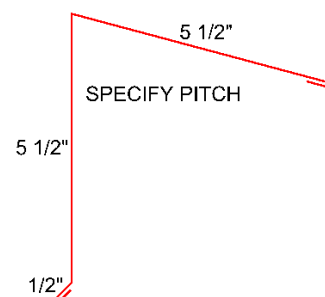
NOTES:

- **DIMENSION A** IS MINIMUM **4"**.

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **ROOF PANEL** USING TYPICAL INSTALLATION.
4. INSTALL **CLERESTORY TRIM** USING **SELF SEALING FASTENERS** INTO THE **ROOF PANEL'S MAJOR RIBS**.
5. ADDITIONALLY, USE **SELF SEALING FASTENERS** SPACED **24"** ALONG TRIM INTO **FASCIA SUBSTRATE**.
6. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL SWarf: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAPPING NOTES:

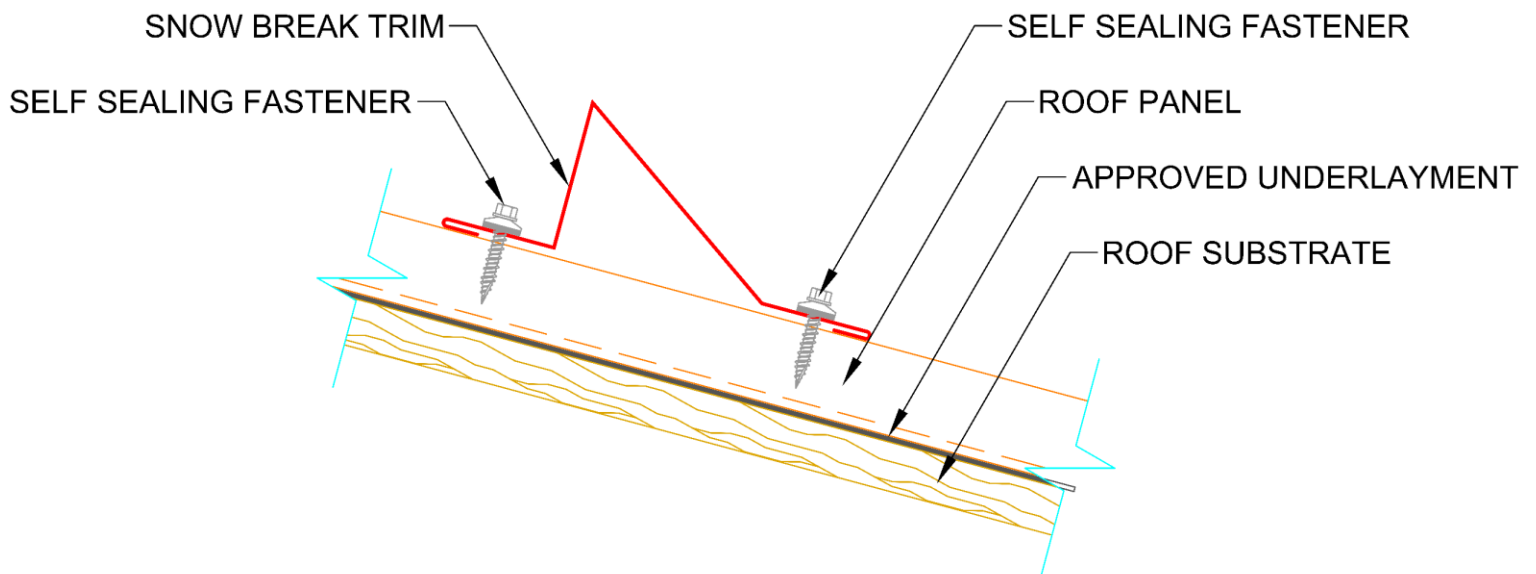
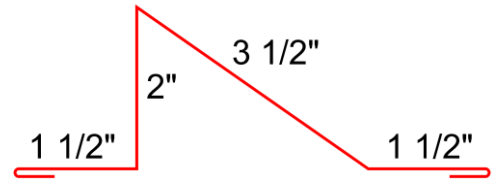
- **OVERLAPPING SPACING** IS **4"**.
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS **1"**.
- USE **SELF SEALING FASTENER** CENTERED ON EACH FLAT AS SHOWN.

NOTES:

- **DIMENSION A** IS MAXIMUM **2"** FROM ROOF RIDGE.

OVERLAPPING DETAILS

DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **ROOF PANEL** USING TYPICAL INSTALLATION.
4. INSTALL **SNOW BREAK TRIM** USING **SELF SEALING FASTENER** INTO THE **ROOF PANEL MAJOR RIBS**.
5. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

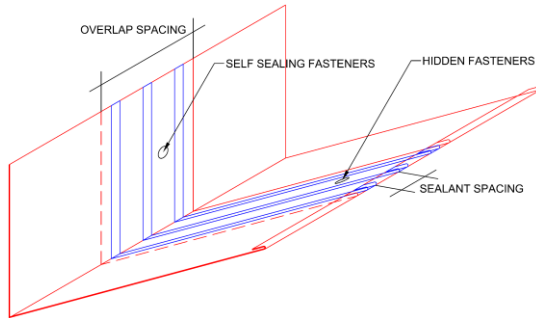


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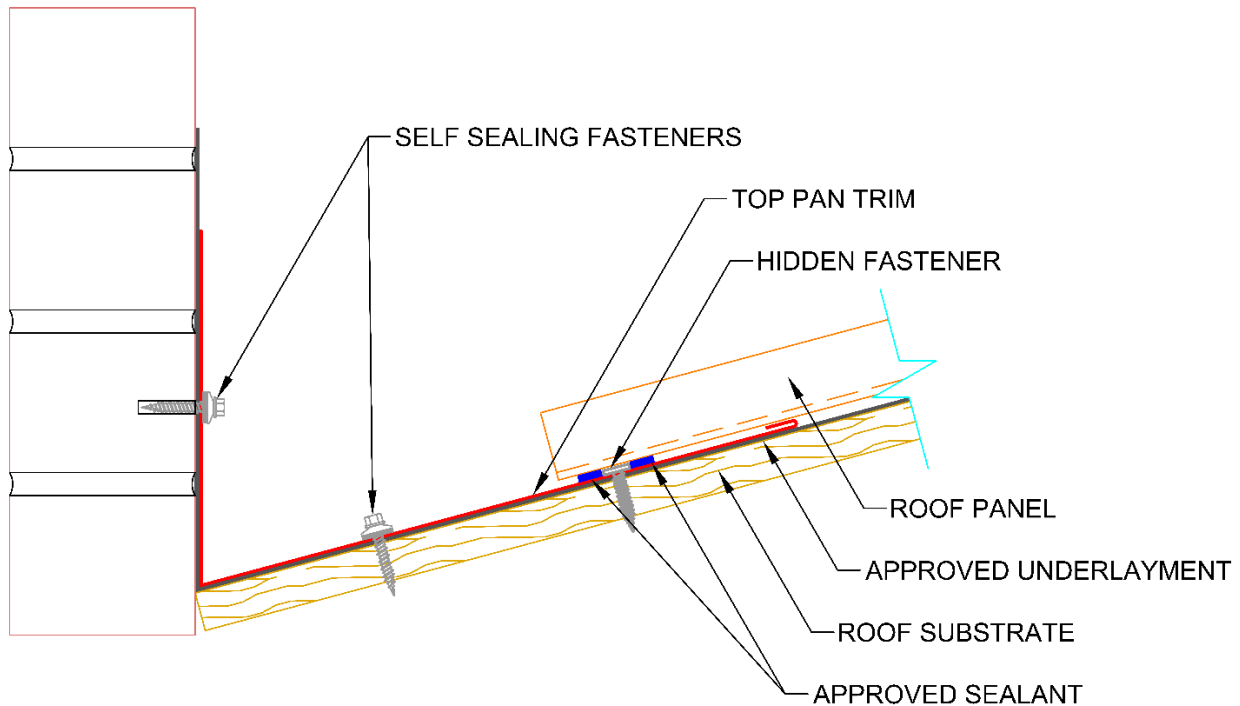
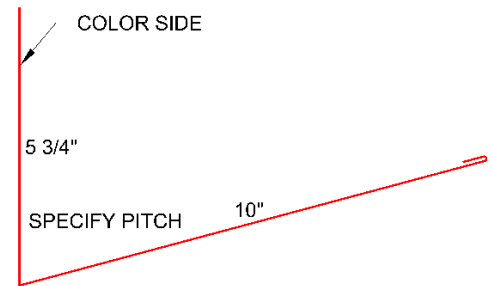
PBR PANEL

TOP PAN TRIM

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

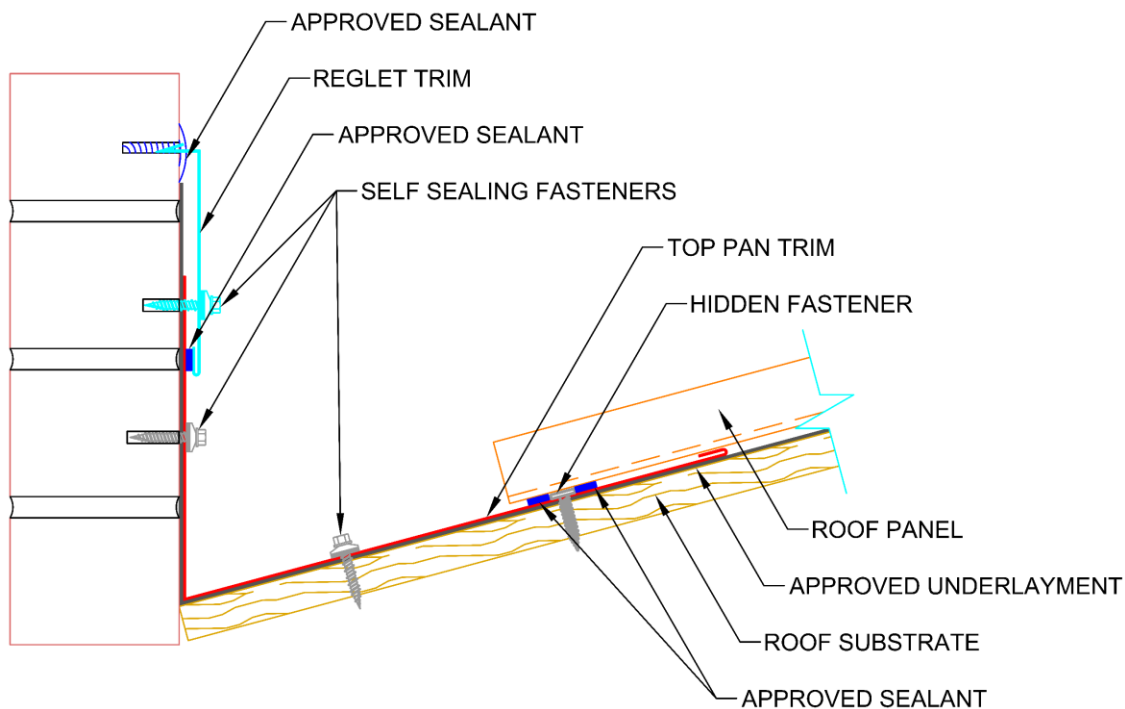
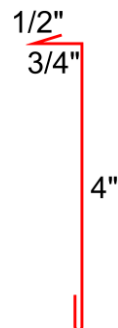
1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **TOP PAN TRIM** USING THE FASTENERS SPACED 24" HORIZONTALLY ACROSS TRIM
4. INSTALL **ROOF PANEL** USING TYPICAL INSTALLATION.
5. INSTALL **SIDING PANELS** USING TYPICAL INSTALLATION IF APPLICABLE.
6. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

NOTES:

- FASTENER CENTERED IN UPPER LEG INTO **CHIMNEY** AS SHOWN.
- FASTENERS INTO THE LOWER LEG IS SPACED 4" CENTERED VERTICALLY.
- ANY EXPOSED FASTENER NEEDS TO BE **SELF SEALING FASTENERS**.
- ANY FASTENER HIDDEN UNDER ROOF PANEL, SIDING PANEL, OR REGLET TRIM NEEDS TO BE **HIDDEN FASTENERS**.

OVERLAPPING DETAILS

DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **TOP PAN** USING TYPICAL INSTALLATION.
4. CUT THE **REGLET CUT**, 1/4" THICK AND 1" DEEP APPROXIMATELY 1" ABOVE OVERLAPPED TRIM (EXAMPLE TOP PAN TRIM ABOVE).
5. FILL THE **REGLET CUT** WITH **APPROVED SEALANT**.
6. APPLY **APPROVED SEALANT** TO THE LOWER HEM OF THE **REGLET TRIM**
7. INSTALL **REGLET TRIM** INTO **REGLET CUT** USING **SELF SEALING FASTENER** SPACED 24" ALONG **REGLET TRIM'S** LOWER EDGE AS SHOWN.
8. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL SWarf: TRIMMINGS, SHAVINGS, FILINGS, ETC.



CHIMNEY AND SKYLIGHT OVERVIEW

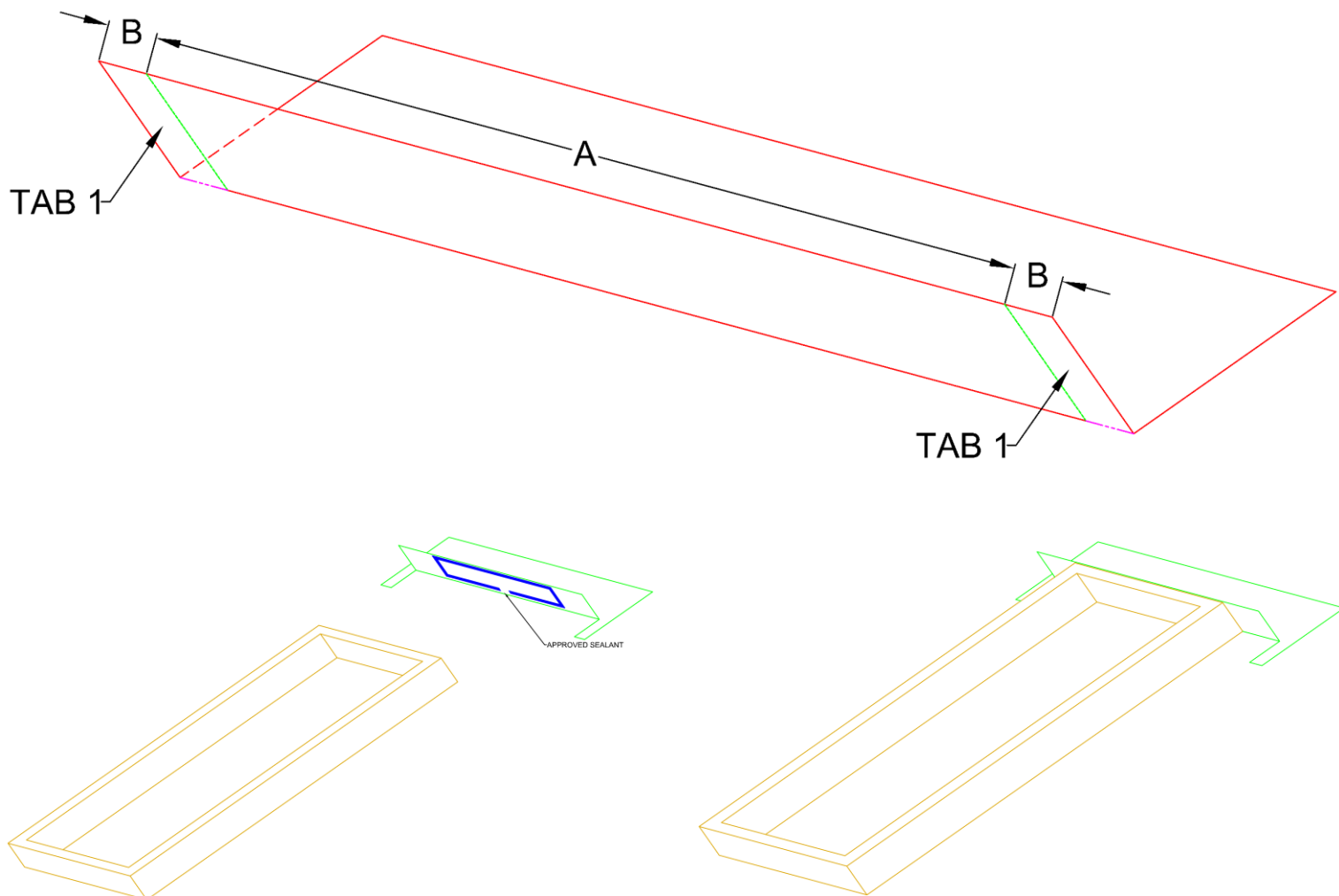




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PBR PANEL

CHIMNEY AND SKYLIGHT TOP PAN TRIM



PROCEDURES:

1. CUT ALL **GREEN LINES**.
2. BEND **TABS 1** DOWNWARD.
3. APPLY **APPROVED SEALANT** AS SHOWN. 3/8" BEAD 1/4" FROM PLACEMENT EDGE.
4. INSTALL **TOP PAN TRIM** USING TYPICAL INSTALLATION.

NOTES:

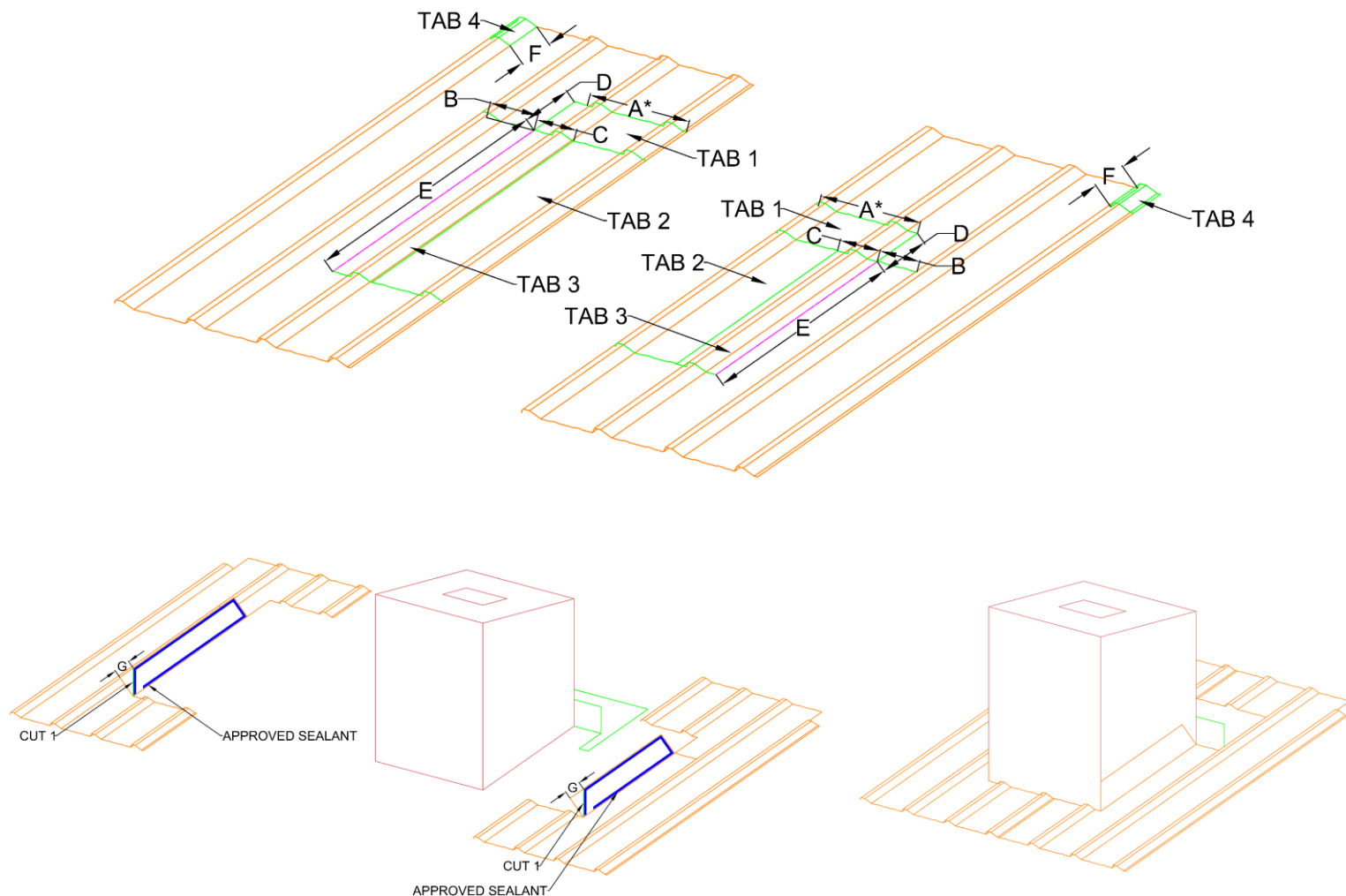
- HERE THE **APPROVED SEALANT** IS PLACED WHERE THE **TOP PAN TRIM** CONTACTS THE **CHIMNEY** OR **SKYLIGHT**.



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PBR PANEL

CHIMNEY LOWER ROOF PANEL



PROCEDURES:

1. CUT ALL **GREEN LINES**.
2. REMOVE **TABS 1, 2, AND 4**.
3. BEND **TAB 3** UPWARDS.
4. CUT **CUT 1** VERTICALLY TO MATCH **CHIMNEY** EDGE.
5. INSTALL **LOWER ROOF PANEL** USING TYPICAL INSTALLATION

NOTES:

- HERE THE **APPROVED SEALANT** IS PLACED WHERE THE **TAB 3** CONTACTS THE **CHIMNEY**
 - APPLY A BEAD OF **APPROVED SEALANT** 3/8" WIDE 1/4" FROM TRIM EDGE
- **DIMENSION A*** IS THE WIDTH OF THE **CHIMNEY** WHEN THE **ROOF PANELS** ARE COMBINED.
- **DIMENSION B** IS 6" THIS IS WHERE THE **LOWER ROOF PANEL** SLIDES INTO **TOP PAN TRIM**.
- **DIMENSION C** IS MAXIMUM 5".
- **DIMENSION D** IS 6".
- **DIMENSION E** IS THE LENGTH OF THE **CHIMNEY** ALONG THE **ROOF PANEL**
- **DIMENSION F** IS 4". THIS IS TO CREATE AN OVERLAP WITH THE **UPPER ROOF PANELS**.
- **DIMENSION G** IS BASED ON ROOF PITCH.

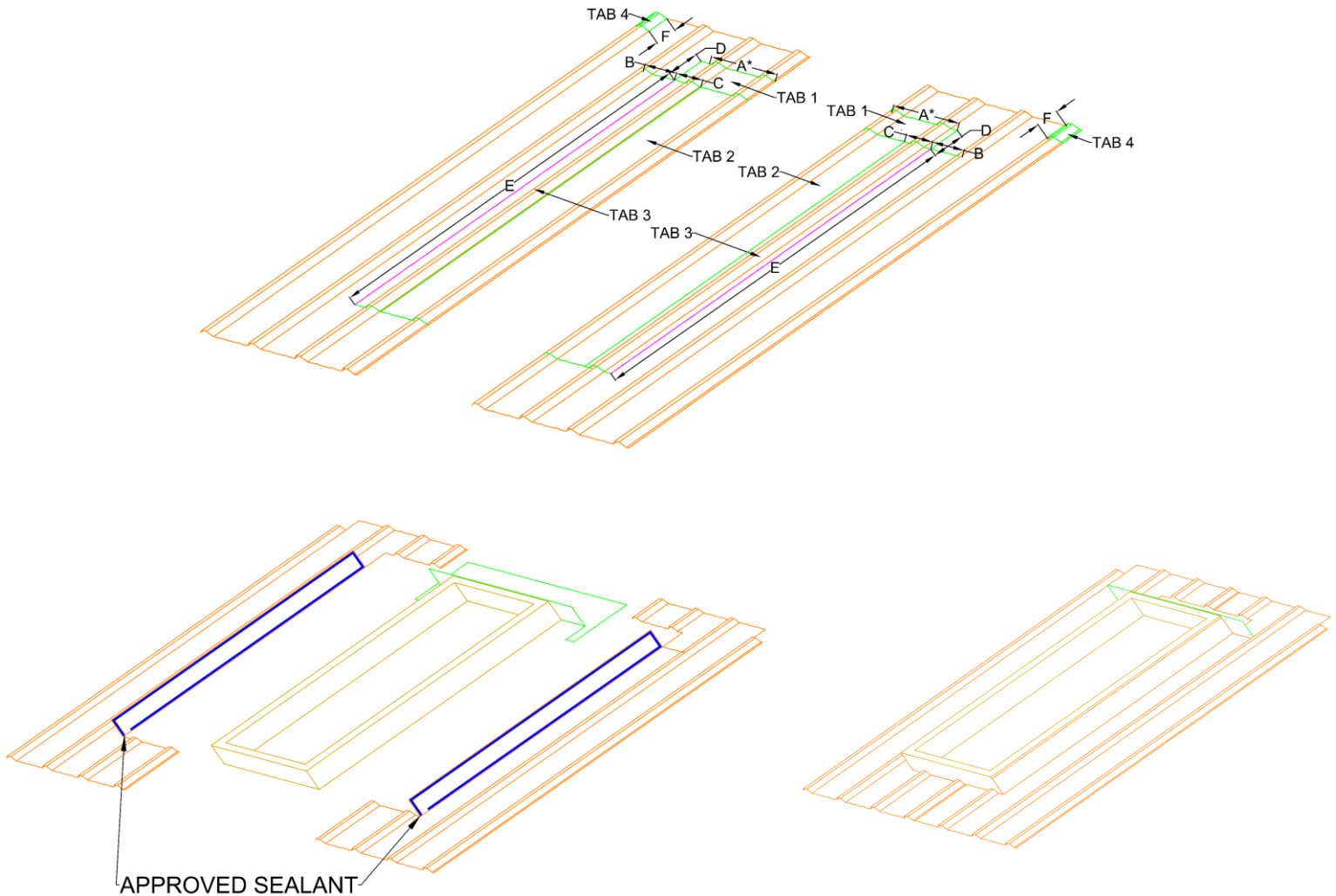
PITCH	DIMENSION G
3:12	1 1/4"
4:12	1 11/16"
5:12	2 1/16"
6:12	2 1/2"
7:12	2 15/16"
8:12	3 5/16"
9:12	3 3/4"
10:12	4 3/16"
11:12	4 9/16"
12:12	5"



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PBR PANEL

SKYLIGHT LOWER ROOF PANEL



PROCEDURES:

1. CUT ALL **GREEN LINES**.
2. REMOVE **TABS 1, 2, AND 4**.
3. BEND **TAB 3** UPWARDS.
4. INSTALL **LOWER ROOF PANEL** USING TYPICAL INSTALLATION

NOTES:

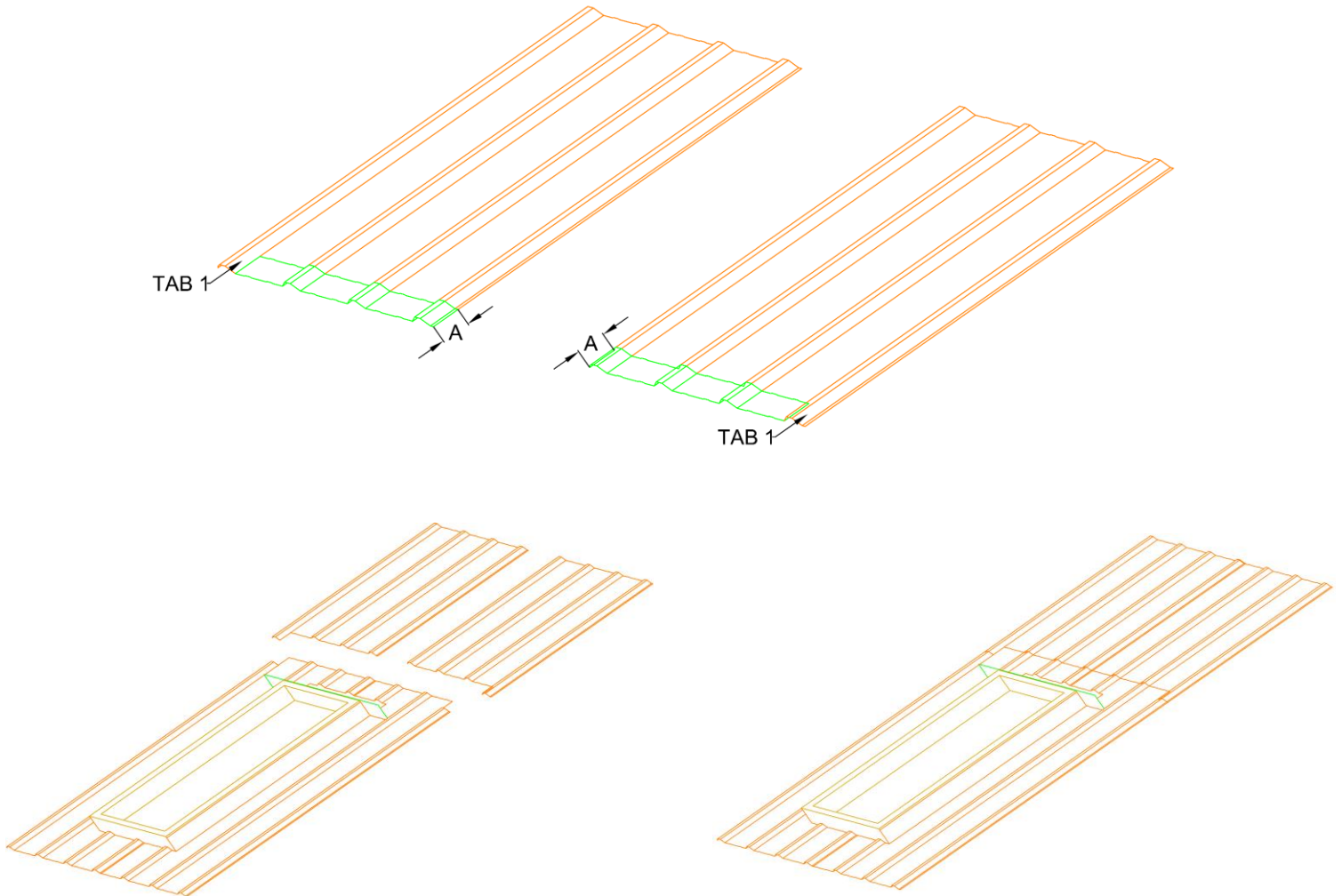
- HERE THE **APPROVED SEALANT** IS PLACED WHERE THE **TAB 3** CONTACTS THE **SKYLIGHT**
 - APPLY A BEAD OF **APPROVED SEALANT** 3/8" WIDE 1/4" FROM TRIM EDGE
- **DIMENSION A*** IS THE WIDTH OF THE **CHIMNEY** WHEN THE **ROOF PANELS** ARE COMBINED.
- **DIMENSION B** IS 6" THIS IS WHERE THE **LOWER ROOF PANEL** SLIDES INTO **TOP PAN TRIM**.
- **DIMENSION C** IS MAXIMUM 5".
- **DIMENSION D** IS 6."
- **DIMENSION E** IS THE LENGTH OF THE **CHIMNEY** ALONG THE **ROOF PANEL**
- **DIMENSION F** IS 4". THIS IS TO CREATE AN OVERLAP WITH THE **UPPER ROOF PANELS**.
- **DIMENSION G** IS BASED ON ROOF PITCH.



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PBR PANEL

CHIMNEY AND SKYLIGHT UPPER ROOF PANEL



PROCEDURES:

1. CUT ALL **GREEN LINES**.
2. REMOVE EXCESS KEEPING **TAB 1**.
3. INSTALL **UPPER ROOF PANEL** USING TYPICAL INSTALLATION.

NOTES:

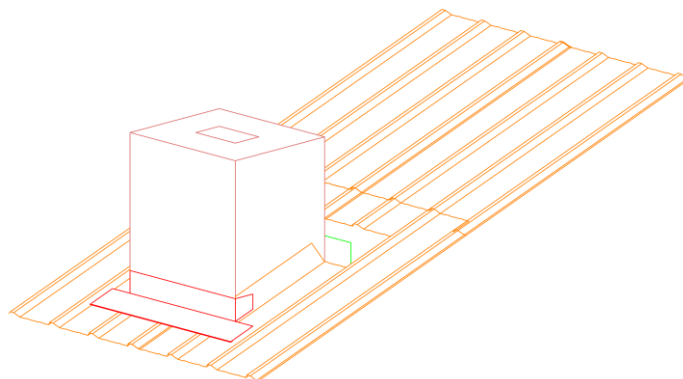
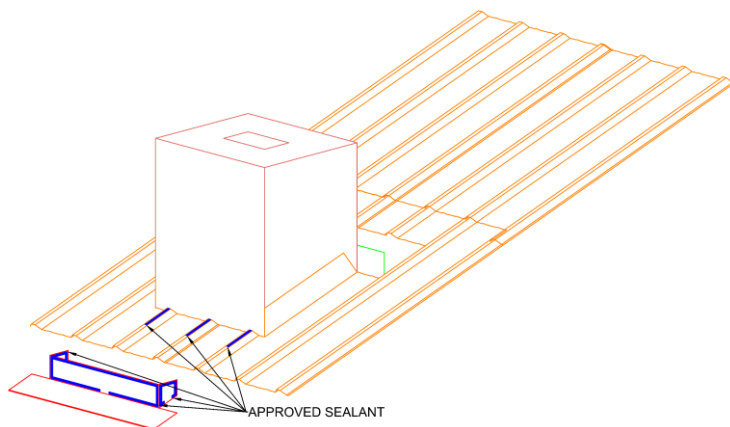
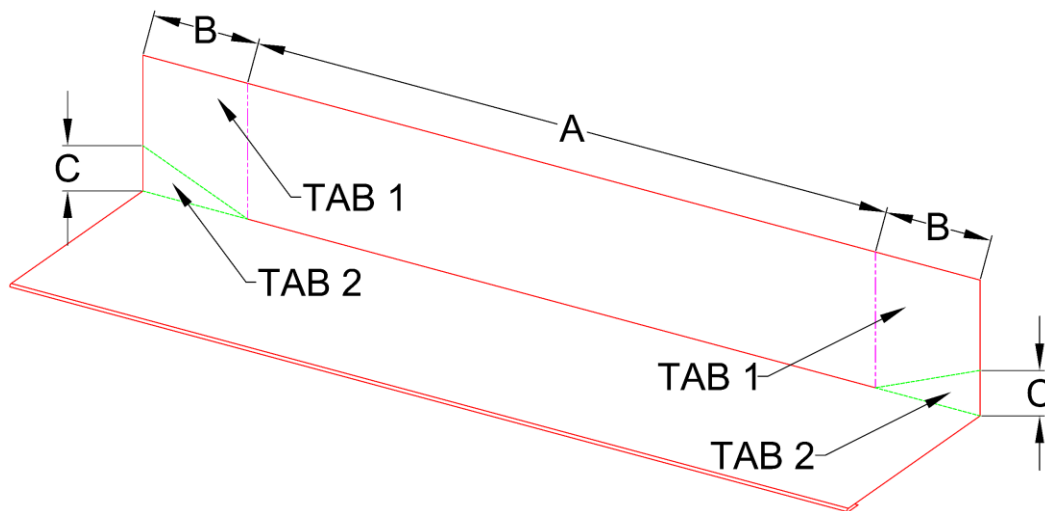
- **DIMENSION A** IS 4". THIS MATES WITH THE **TAB 4** CUT ON **LOWER ROOF PANEL** AS SHOWN.



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PBR PANEL

CHIMNEY ENDWALL TRIM



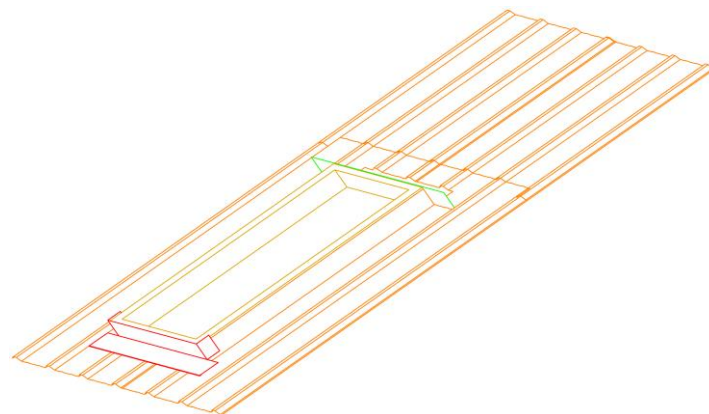
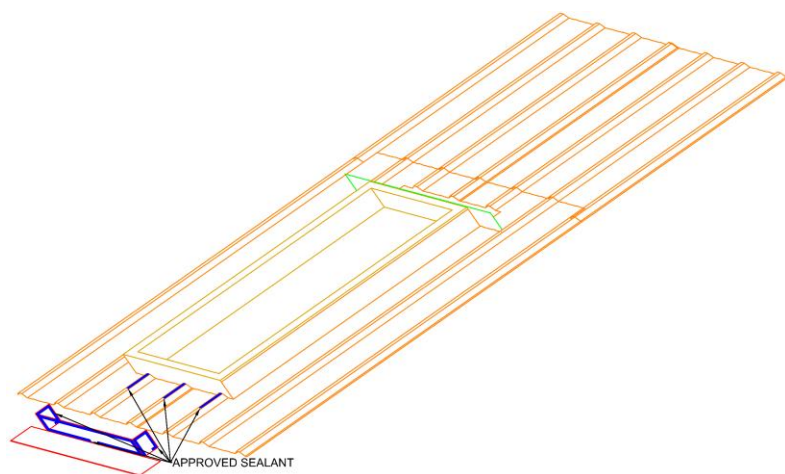
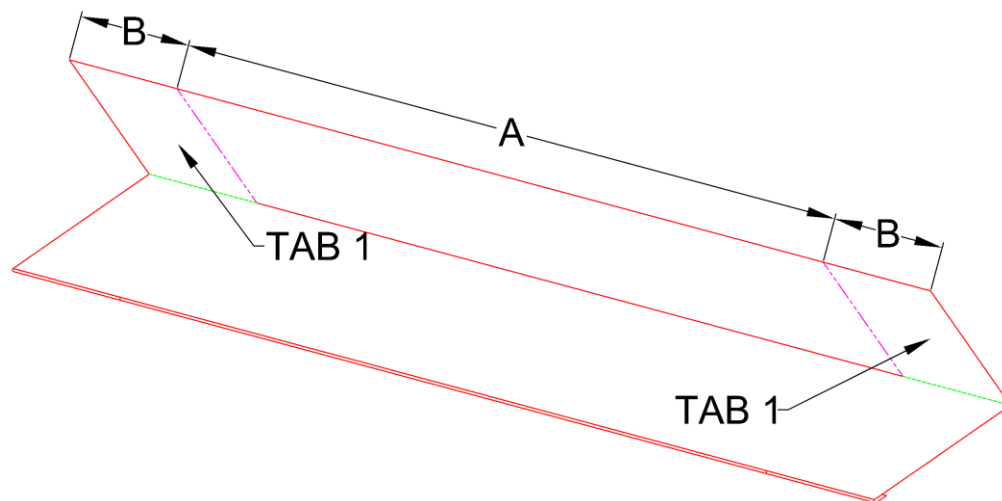
PROCEDURES:

1. CUT ALL **GREEN LINES**.
2. BEND **TAB 1** BACKWARDS.
3. REMOVE **TAB 2**.
4. INSTALL **ENDWALL TRIM** USING TYPICAL INSTALLATION

NOTES:

- **DIMENSION A** IS THE WIDTH OF THE **SKYLIGHT**.
- **DIMENSION B** IS **4"**.
- **DIMENSION C** IS BASED ON **ROOF PITCH**.
- APPLY **APPROVED SEALANT** AROUND UPPER SECTION OF **ENDWALL TRIM** AS SHOWN.
 - **APPROVED SEALANT** PLACEMENT IS 1/4" FROM TRIM EDGE AND 3/8" WIDE.
- APPLY **APPROVED SEALANT** TO THE TOP OF THE **ROOF PANEL'S MAJOR RIBS**.

PITCH	DIMENSION C
3:12	1"
4:12	1 5/16"
5:12	1 11/16"
6:12	2"
7:12	2 5/16"
8:12	2 11/16"
9:12	3"
10:12	3 5/16"
11:12	3 11/16"
12:12	4"



PROCEDURES:

1. CUT ALL **GREEN LINES**.
2. BEND **TAB 1** BACKWARDS.
3. INSTALL **ENDWALL TRIM** USING TYPICAL INSTALLATION

NOTES:

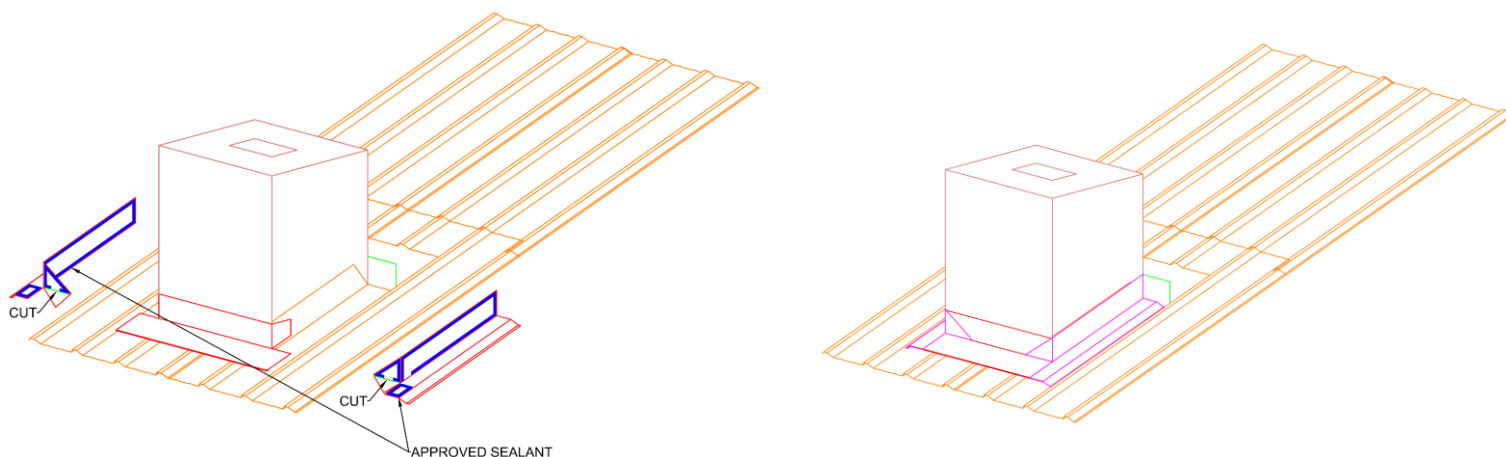
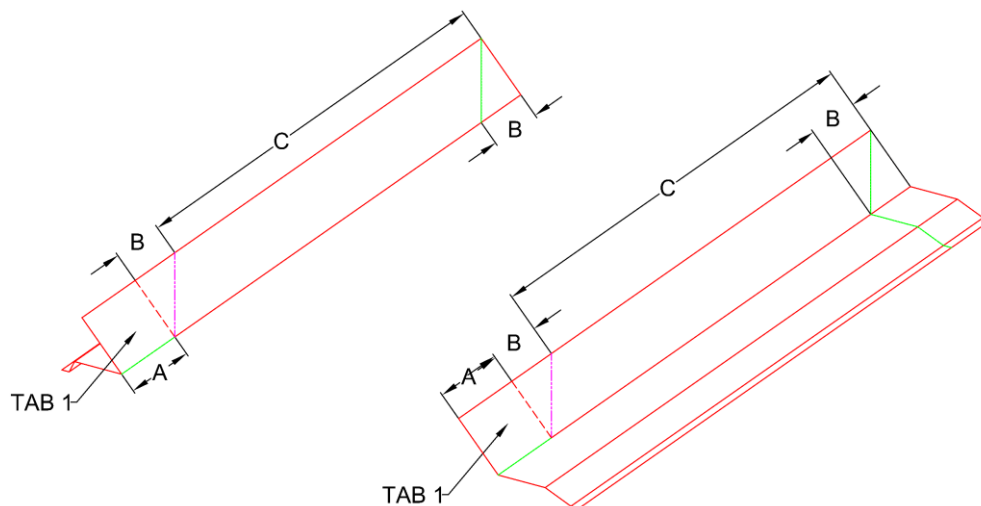
- **DIMENSION A** IS THE WIDTH OF THE **SKYLIGHT**.
- **DIMENSION B** IS 4".
- APPLY **APPROVED SEALANT** AROUND UPPER SECTION OF **ENDWALL TRIM** AS SHOWN.
 - **APPROVED SEALANT** PLACEMENT IS 1/4" FROM TRIM EDGE AND 3/8" WIDE.
- APPLY **APPROVED SEALANT** TO THE TOP OF THE **ROOF PANEL'S MAJOR RIBS**.



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PBR PANEL

CHIMNEY SIDEWALL TRIM



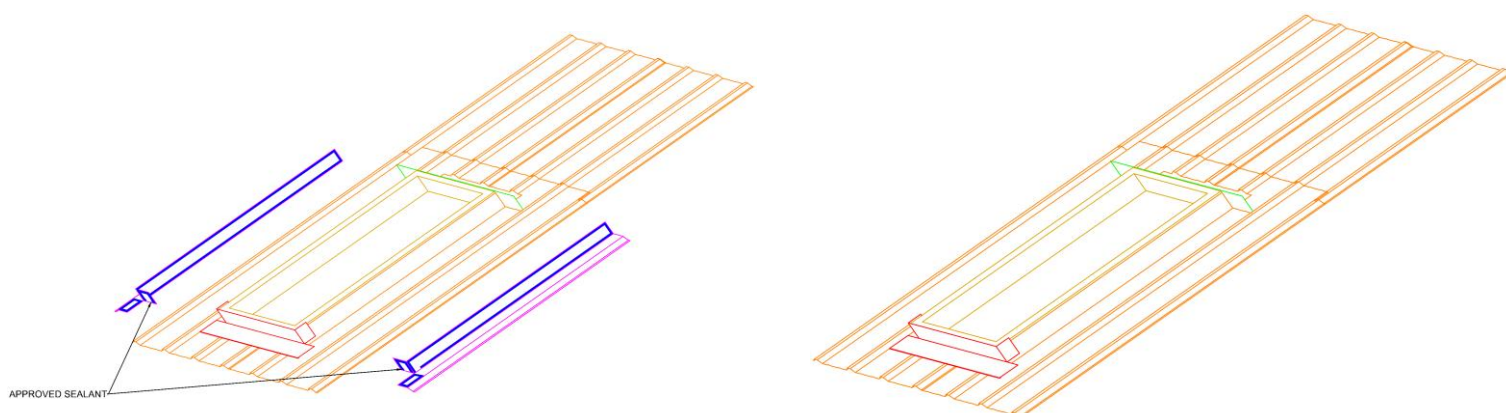
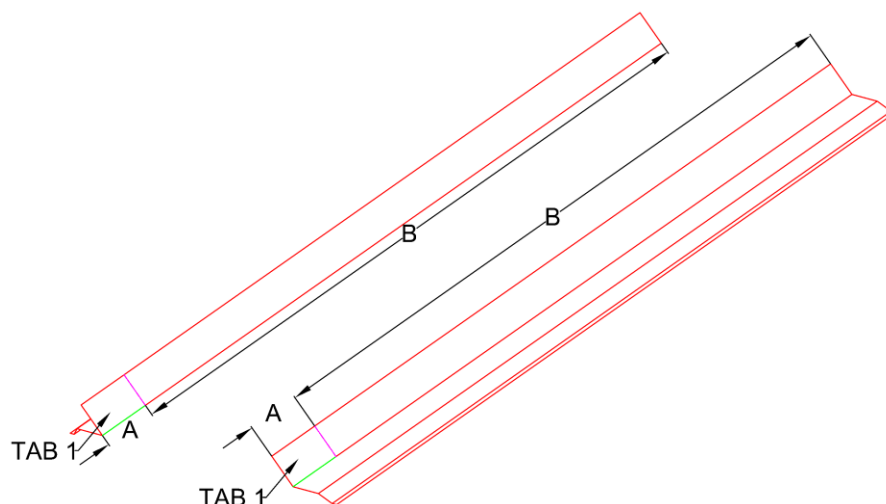
PROCEDURES:

1. CUT ALL **GREEN LINES**.
2. BEND **TAB 1** BACKWARDS.
3. CUT **TAB1** HORIZONTALLY MATCHING **CHIMNEY** EDGE.
4. INSTALL **SIDEWALL TRIM** USING TYPICAL INSTALLATION

NOTES:

- **DIMENSION A** IS 4".
- **DIMENSION B** IS BASED ON **ROOF PITCH**.
- **DIMENSION C** IS THE LENGTH OF THE **CHIMNEY**.
- APPLY **APPROVED SEALANT** AROUND UPPER SECTION OF **SIDEWALL TRIM** AS SHOWN.
 - **APPROVED SEALANT** PLACEMENT IS 1/4" FROM TRIM EDGE AND 3/8" WIDE.

PITCH	DIMENSION C
3:12	1 11/16"
4:12	1 7/16"
5:12	1 3/4"
6:12	2 1/8"
7:12	2 1/2"
8:12	2 13/16"
9:12	2 5/8"
10:12	3 9/16"
11:12	3 7/8"
12:12	4 1/4"



PROCEDURES:

1. CUT ALL **GREEN LINES**.
2. BEND **TAB 1** BACKWARDS.
3. CUT **TAB1** HORIZONTALLY MATCHING **CHIMNEY** EDGE.
4. INSTALL **SIDEWALL TRIM** USING TYPICAL INSTALLATION

NOTES:

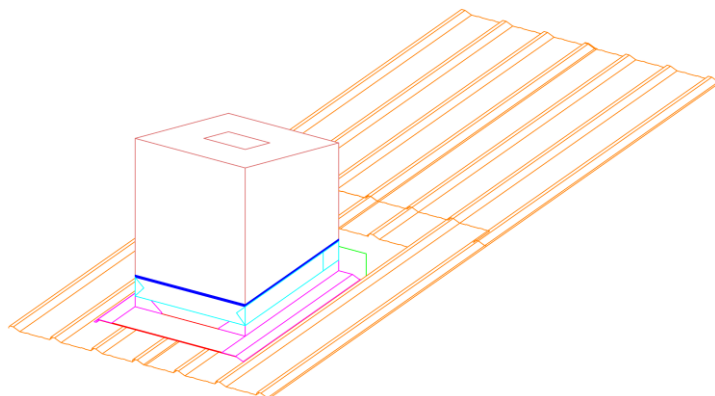
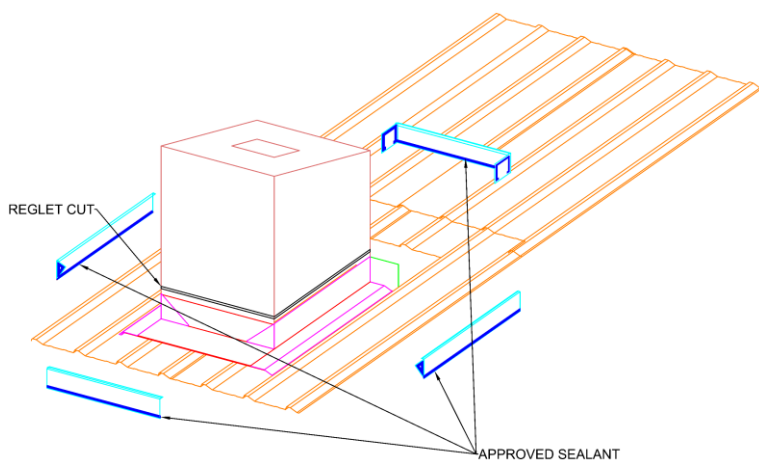
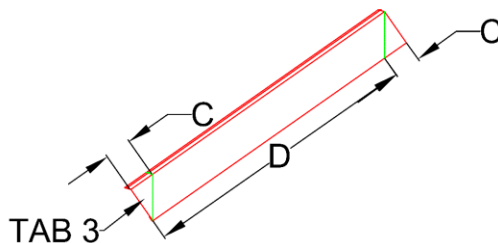
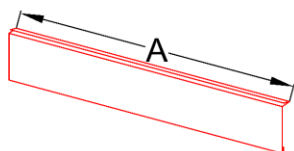
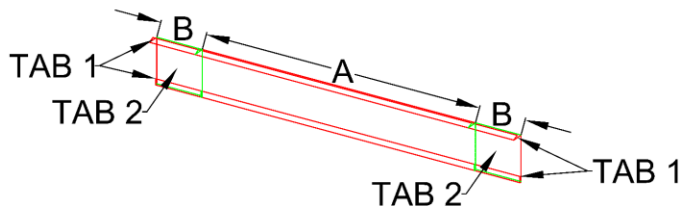
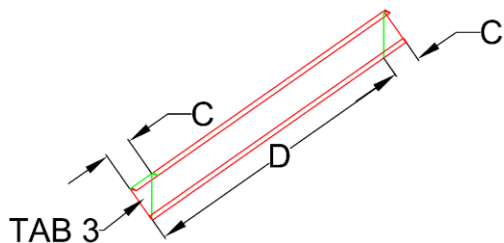
- **DIMENSION A** IS 4".
- **DIMENSION B** IS THE LENGTH OF THE **CHIMNEY**.
- APPLY **APPROVED SEALANT** AROUND UPPER SECTION OF **SIDEWALL TRIM** AS SHOWN.
 - **APPROVED SEALANT** PLACEMENT IS 1/4" FROM TRIM EDGE AND 3/8" WIDE.



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PBR PANEL

CHIMNEY REGLET TRIM



PROCEDURES:

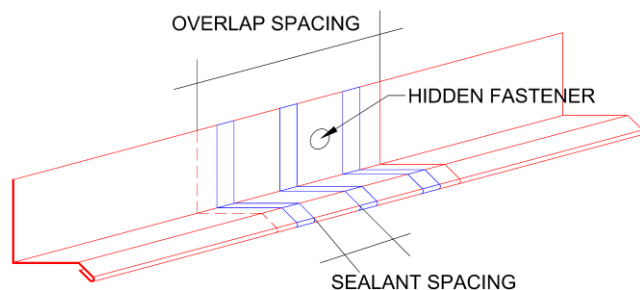
1. CUT ALL **GREEN LINES**.
2. REMOVE **TAB 1**.
3. BEND **TAB 2** FORWARD.
4. BEND **TAB 3** INWARDS.
5. INSTALL REGLET TRIM USING TYPICAL INSTALLATION.

NOTES:

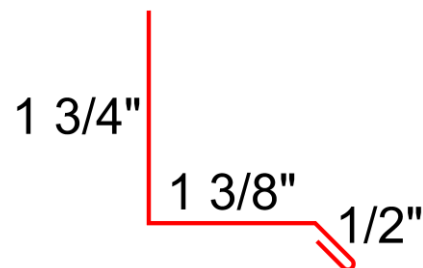
- **DIMENSION A** IS THE WIDTH OF THE **CHIMNEY**.
- **DIMENSION B** IS 4".
- **DIMENSION C** IS BASED ON ROOF PITCH
- **DIMENSION D** IS THE LENGTH OF THE **CHIMNEY**.
- APPLY **APPROVED SEALANT** AROUND **TAB 2** AND **3** AS SHOWN.
 - **APPROVED SEALANT** PLACEMENT IS 1/4" FROM **REGLET TRIM**'S CUT EDGE AND 3/8" WIDE.
 - **APPROVED SEALANT** PLACEMENT IS ALONG **REGLET TRIM**'S LOWER HEM AND 3/8" WIDE.

PITCH	DIMENSION C
3:12	13/16"
4:12	1 1/16"
5:12	1 5/16"
6:12	1 5/8"
7:12	1 7/8"
8:12	2 1/8"
9:12	2 3/8"
10:12	2 11/16"
11:12	2 15/16"
12:12	3 3/16"

OVERLAPPING DETAILS



DIMENSIONS



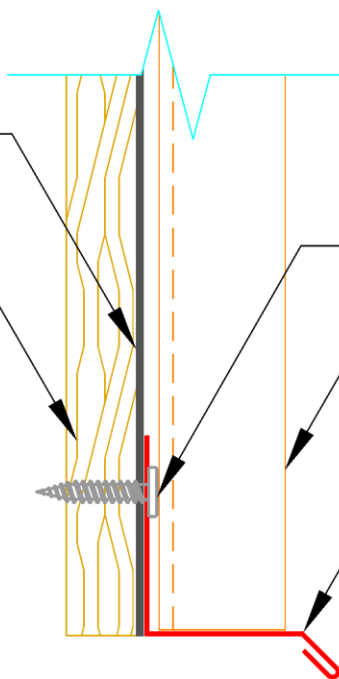
APPROVED UNDERLAYMENT

WALL SUBSTRATE

HIDDEN FASTENER

SIDING PANEL

BASE TRIM



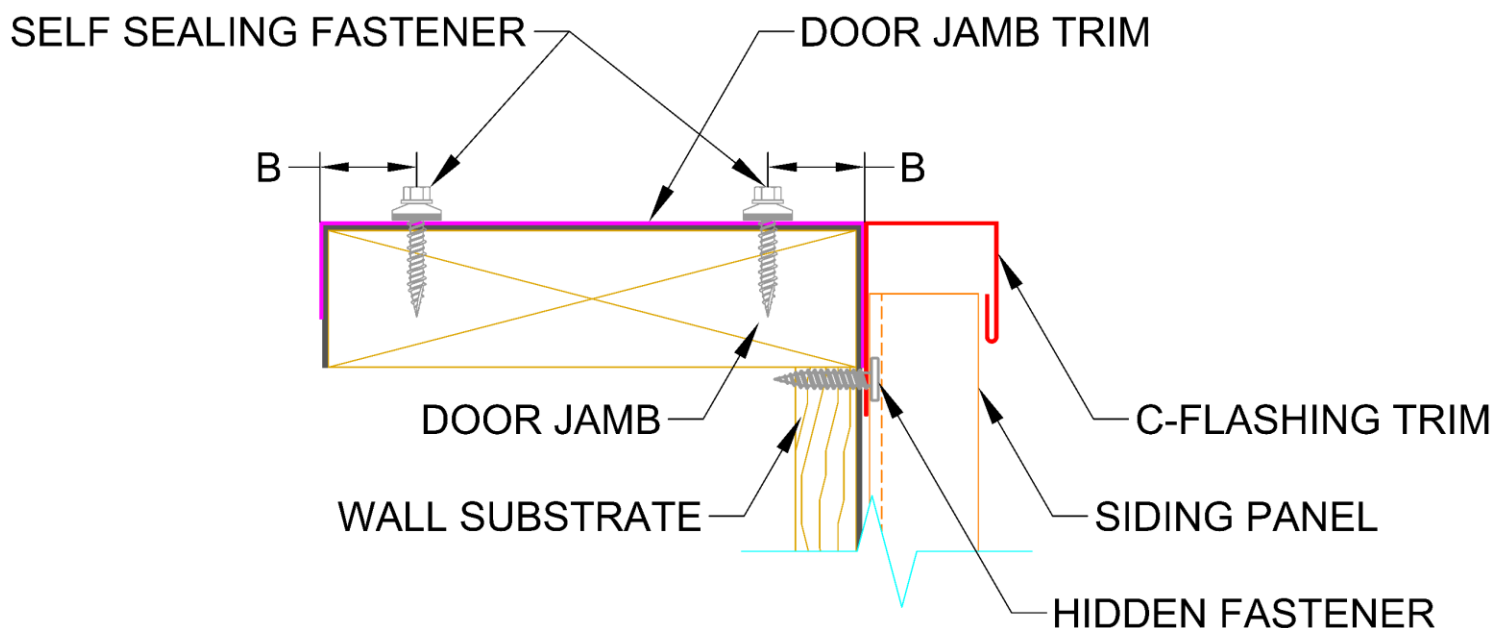
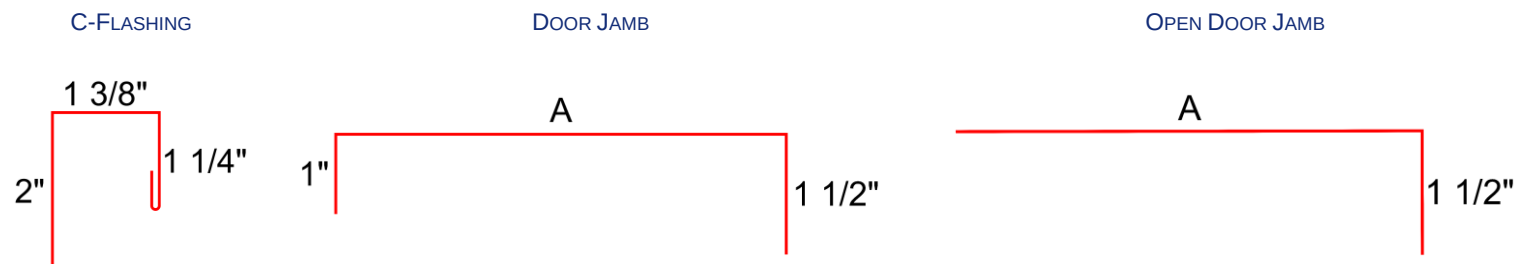
PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. INSTALL **BASE TRIM** USING **HIDDEN FASTENERS** SPACED **24"** INTO **WALL SUBSTRATE**.
3. INSTALL **SIDING PANELS** USING TYPICAL **ROOF PANEL** INSTALLATION.
4. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALL. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAP NOTES:

- **OVERLAPPING SPACING** IS **3"**.
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** IS **1"**.
- USE APPROVED **HIDDEN FASTENER** AND **SELF SEALING FASTENER** AS SHOWN.

DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. INSTALL **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTION.
3. INSTALL **DOOR JAMB TRIM** USING **SELF SEALING FASTENER** SPACED HORIZONTALLY **4"** APART CENTERED ON TRIM **24"** SPACING VERTICALLY.
4. INSTALL **C-FLASHING TRIM** ALONG **DOOR JAMB** EDGE USING **HIDDEN FASTENERS** SPACED **24"** VERTICALLY AS SHOWN.
5. INSTALL **SIDING PANELS** USING TYPICAL INSTALLATION.
6. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALL. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

NOTES:

- **DIMENSION A** ON EITHER **DOOR JAMB TRIM** IS BASED ON THE SIZE OF THE **DOOR JAMB SUBSTRATE**.
- **DIMENSION B** IS 1".

DOOR JAMB SUBSTRATE	2x6	2x8	2x10
DIMENSION A	5 5/8"	7 5/8"	9 5/8"

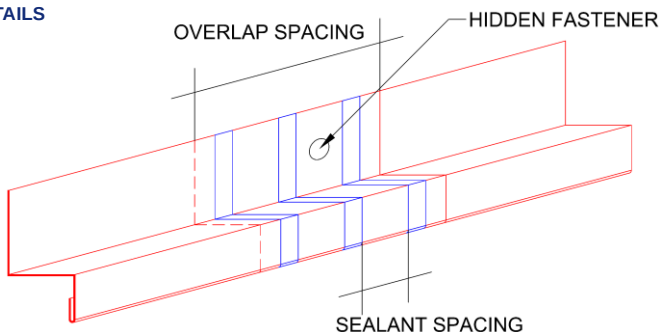


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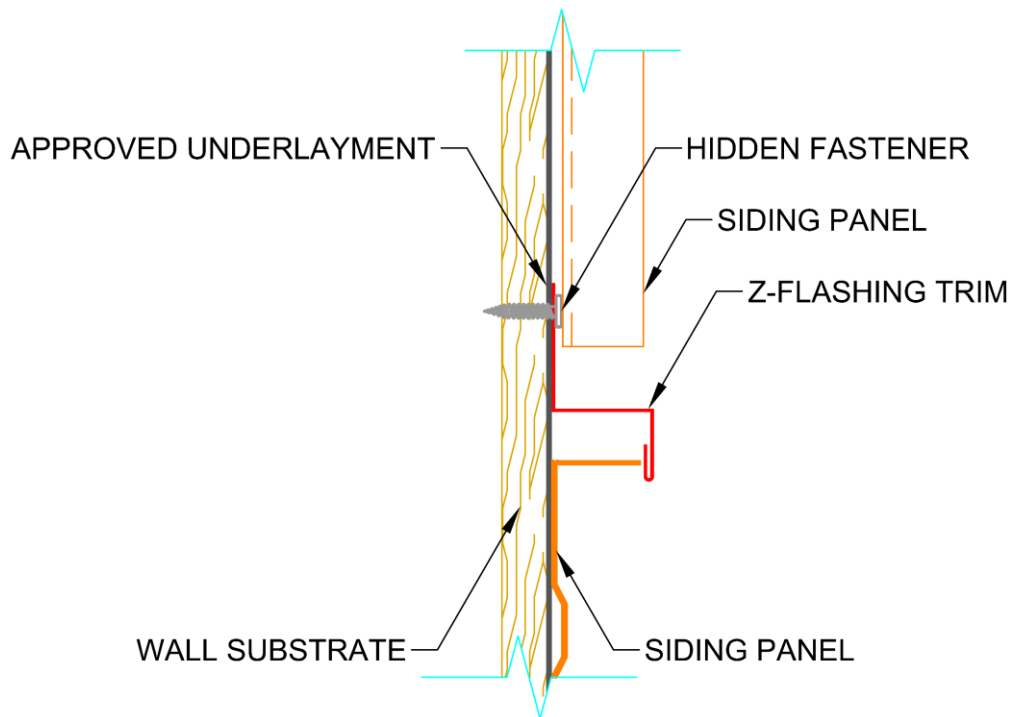
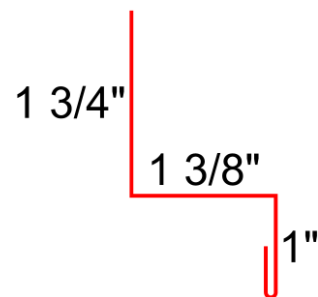
PBR PANEL

Z-FLASHING TRIM

OVERLAPPING DETAILS



DIMENSIONS



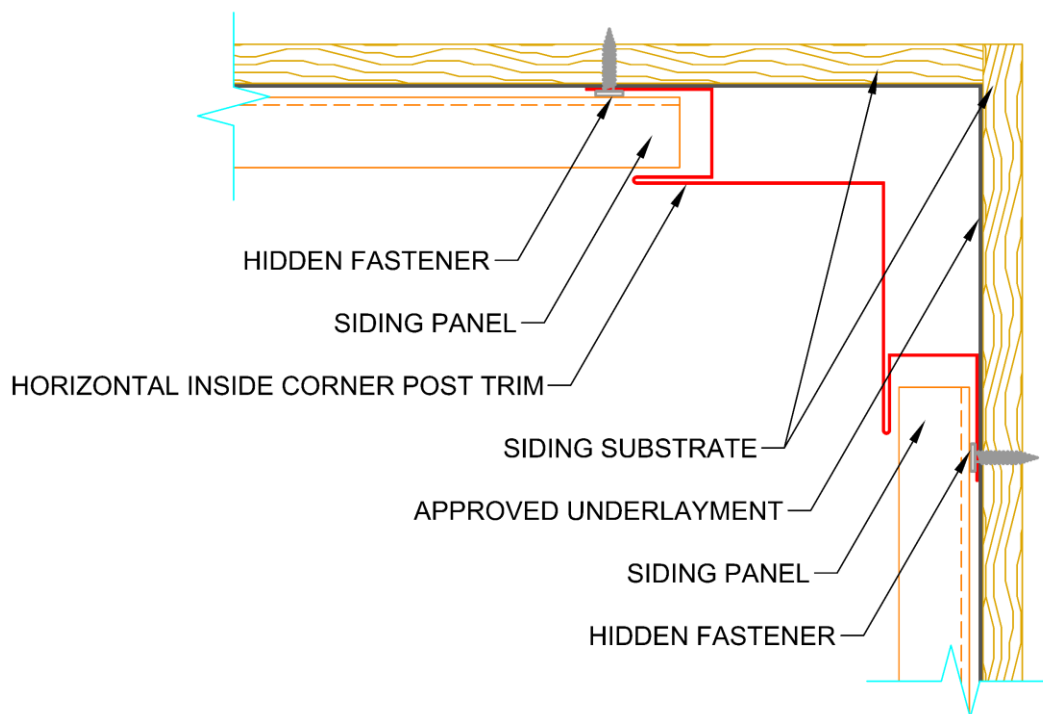
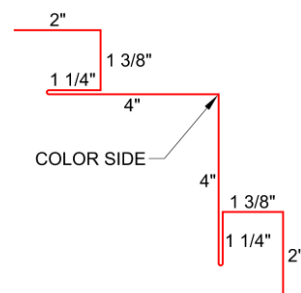
PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. INSTALL **Z-FLASHING TRIM** USING **HIDDEN FASTENERS** SPACE **24"** INTO **WALL SUBSTRATE**.
3. INSTALL **SIDING PANELS** USING TYPICAL **ROOF PANEL** INSTALLATION.
4. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALL. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS **3"**
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS **1"**.
- USE **HIDDEN AND SELF SEALING FASTENERS** AS SHOWN.

DIMENSIONS



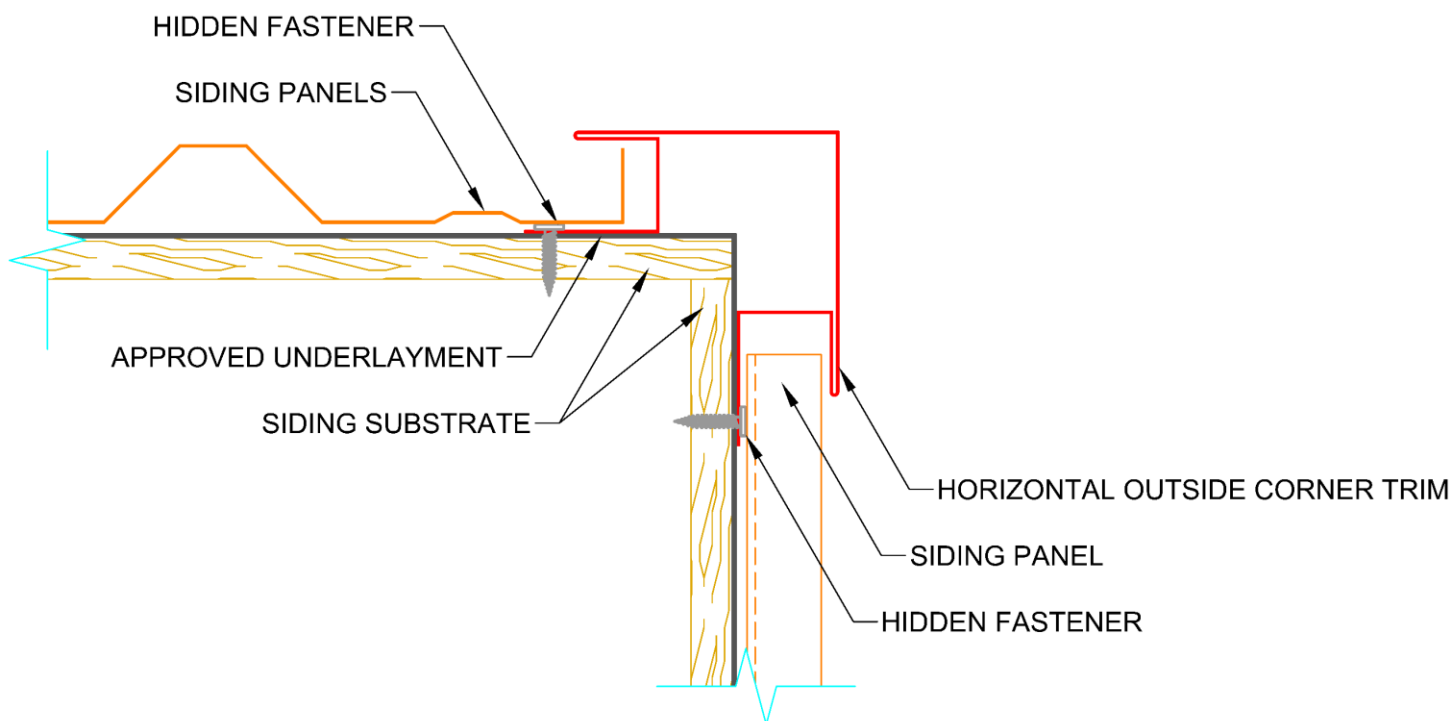
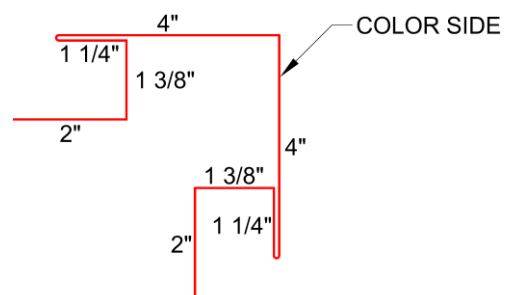
PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. INSTALL **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **HORIZONTAL INSIDE CORNER POST TRIM** USING **HIDDEN FASTENERS** SPACED **24"** VERTICALLY.
4. INSTALL **HORIZONTAL SIDING PANELS** USING TYPICAL **ROOF PANEL** INSTALLATION.
5. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALL. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

PBR PANEL

HORIZONTAL OUTSIDE CORNER POST TRIM

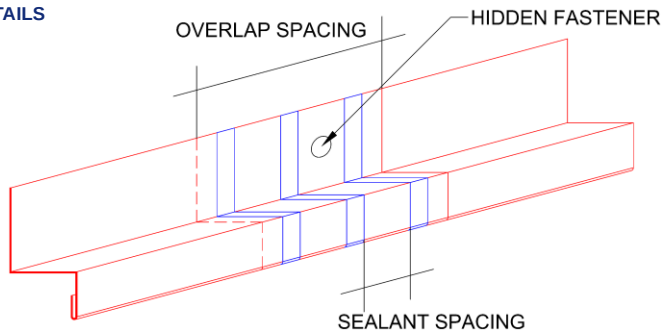
DIMENSIONS



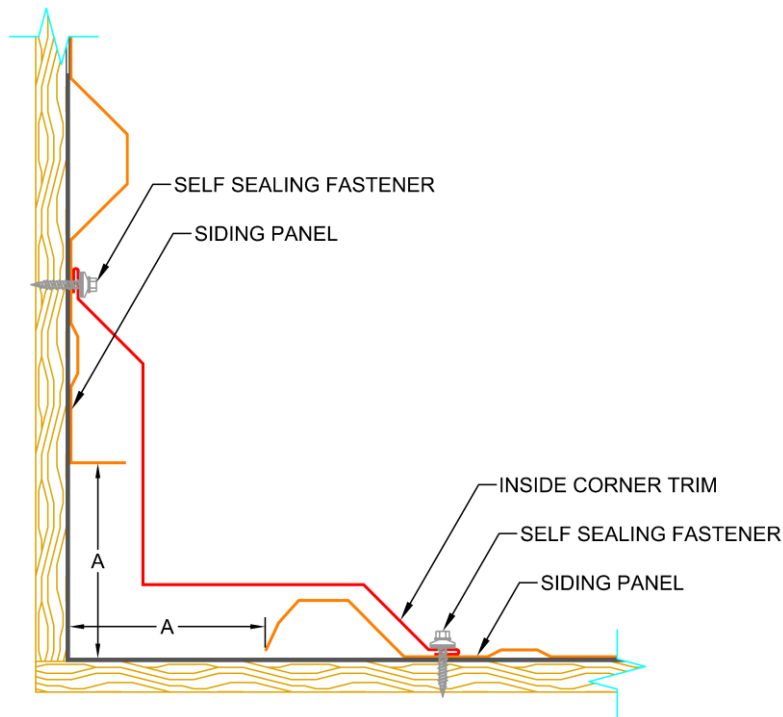
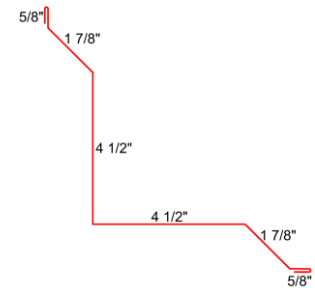
PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. INSTALL **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **HORIZONTAL OUTSIDE CORNER POST TRIM** USING **HIDDEN FASTENERS** SPACED **24"** VERTICALLY.
4. INSTALL **HORIZONTAL SIDING PANELS** USING TYPICAL **ROOF PANEL** INSTALLATION.
5. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALL. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. INSTALL **SIDING PANELS** USING TYPICAL **ROOF PANEL** INSTALLATION.
3. INSTALL **INSIDE CORNER TRIM** USING **SELF SEALING FASTENERS** SPACED **24"** VERTICALLY AS SHOWN.
4. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALL. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

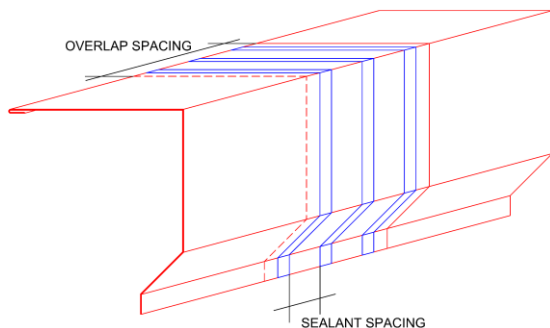
OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS **4"**.
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS **1"**.
- USE **APPROVED SELF SEALING FASTENERS** AS SHOWN.

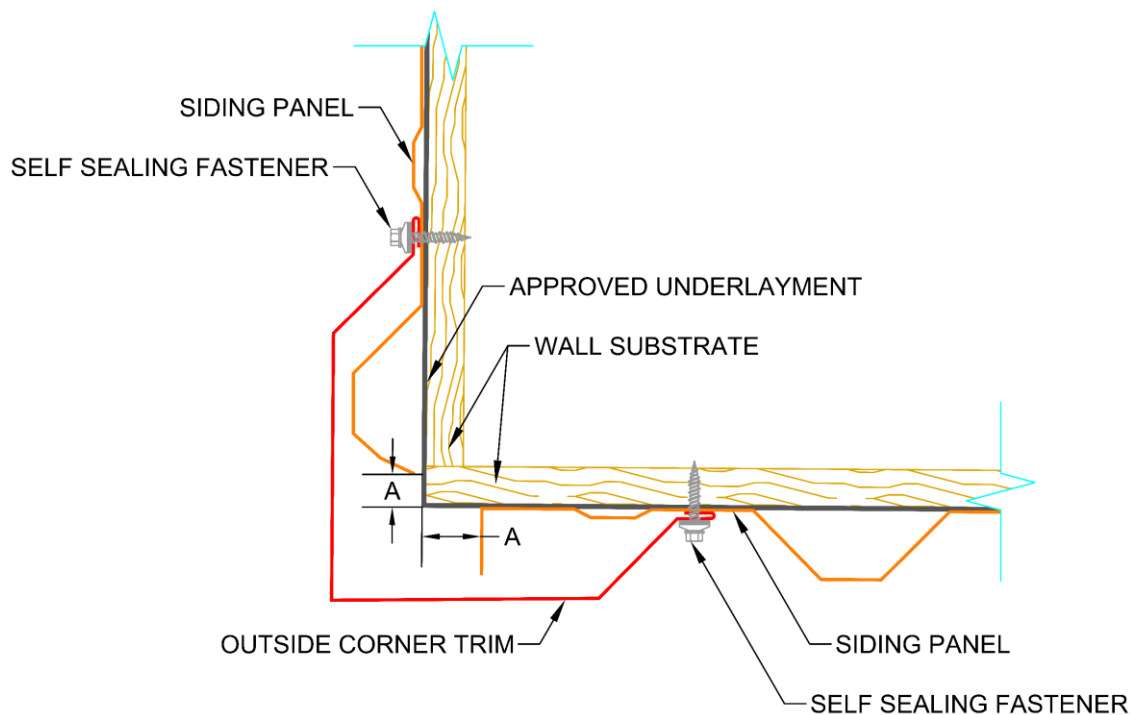
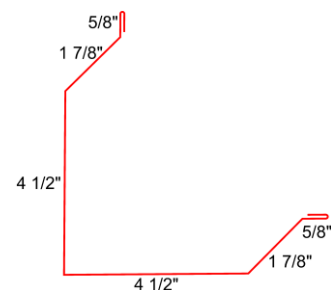
NOTES:

- **DIMENSION A** IS **6"** MAXIMUM.

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. INSTALL **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **SIDING PANELS** USING TYPICAL **ROOF PANEL** INSTALLATION.
4. INSTALL **OUTSIDE CORNER TRIM** USING **SELF SEALING FASTENERS** AS SHOWN.
5. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALL. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS 4".
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** IS 1".
- USED **SELF-SEALING FASTENERS** SPACED 24" INTO **WALL SUBSTRATE** AS SHOWN.

NOTES:

- **DIMENSION A** IS 2 1/2" MAXIMUM.

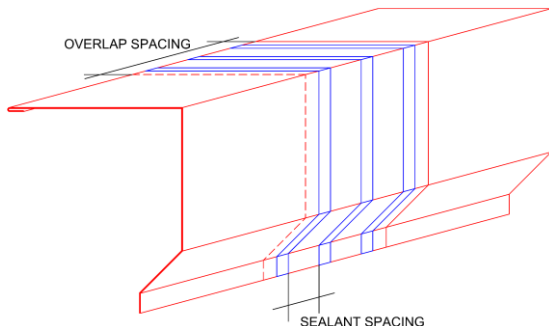


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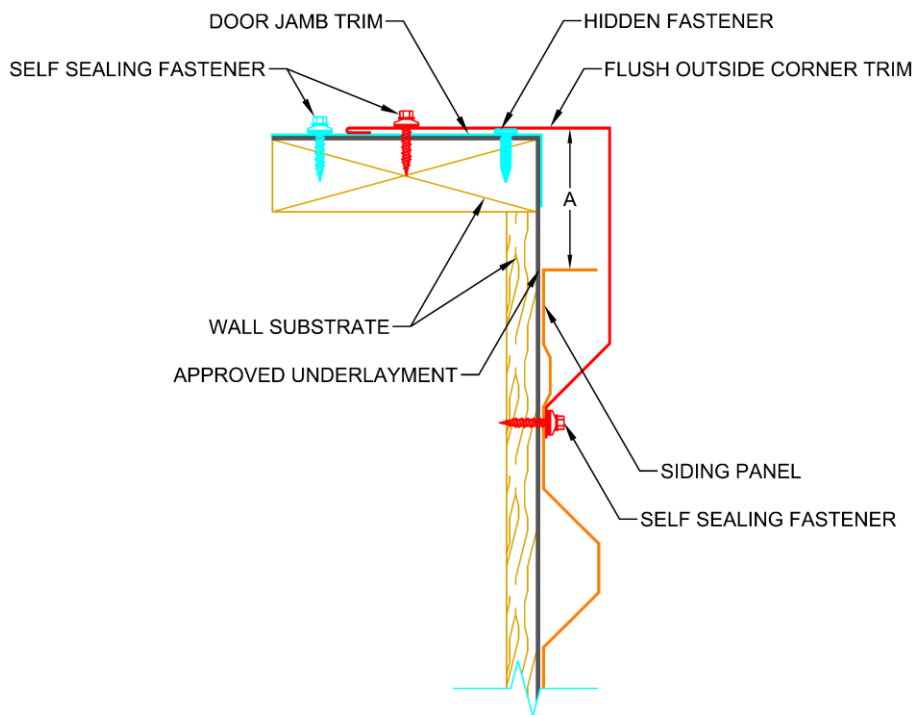
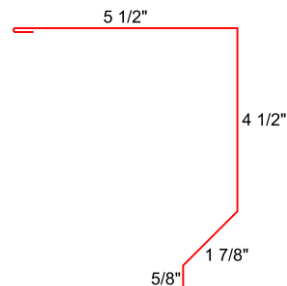
PBR PANEL

OUTSIDE FLUSH CORNER TRIM

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTION.
3. INSTALL **SIDING PANELS** USING TYPICAL **ROOF PANEL** INSTALLATION.
4. INSTALL **DOOR JAMB TRIM** USING **HIDDEN FASTENERS** SPACED **24"** VERTICALLY WHERE **OUTSIDE FLUSH CORNER TRIM** OVERLAPS.
5. ADDITIONALLY, USE **SELF SEALING FASTENERS** SPACED **24"** VERTICALLY WHERE **DOOR JAMB TRIM** IS EXPOSED.
6. INSTALL **OUTSIDE FLUSH CORNER TRIM** USING **SELF SEALING FASTENERS** SPACED **24"** VERTICALLY **1/2"** FROM TRIM EDGE.
7. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALL. REMOVE ALL SWarf: TRIMMINGS, SHAVINGS, FILINGS, ETC.

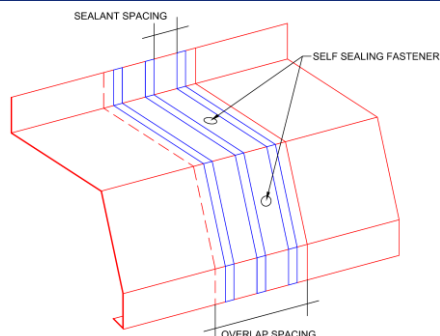
OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS **4"**.
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALING SPACING** AS **1"**.
- USE **SELF SEALING FASTENERS** AS SHOWN.

NOTES:

- **DIMENSION A** IS **4"** MAXIMUM.

OVERLAPPING DETAILS

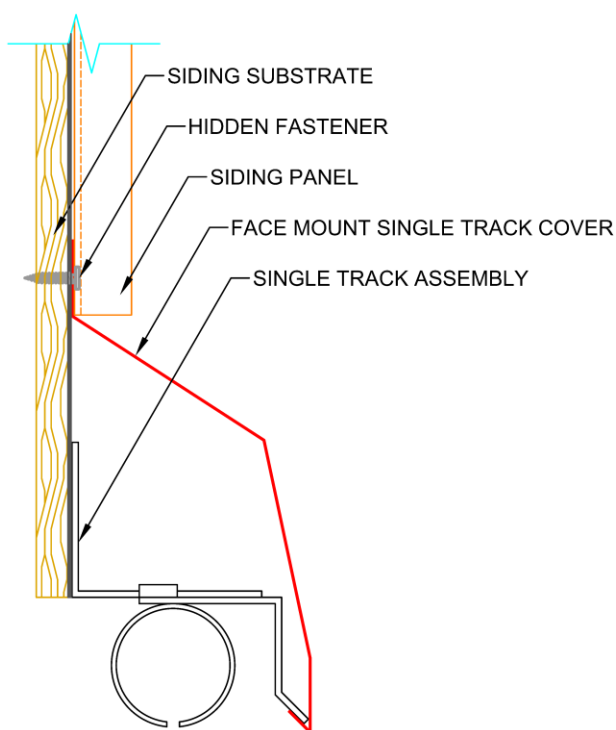


DIMENSIONS

ADJUSTABLE



FACEMOUNT



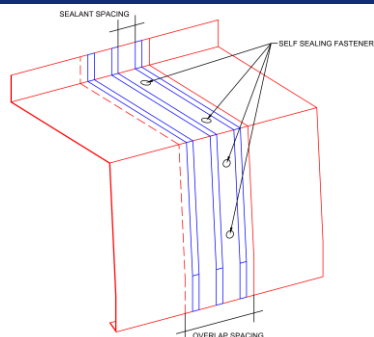
PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **SINGLE TRACK ASSEMBLY** USING MANUFACTURER'S INSTRUCTIONS.
4. INSTALL **SINGLE TRACK COVER** USING **HIDDEN FASTENERS** SPACED **24"** ALONG THE TRIM'S EDGE.
5. INSTALL **SIDING PANEL** USING TYPICAL **ROOF PANEL** INSTALLATION.
6. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

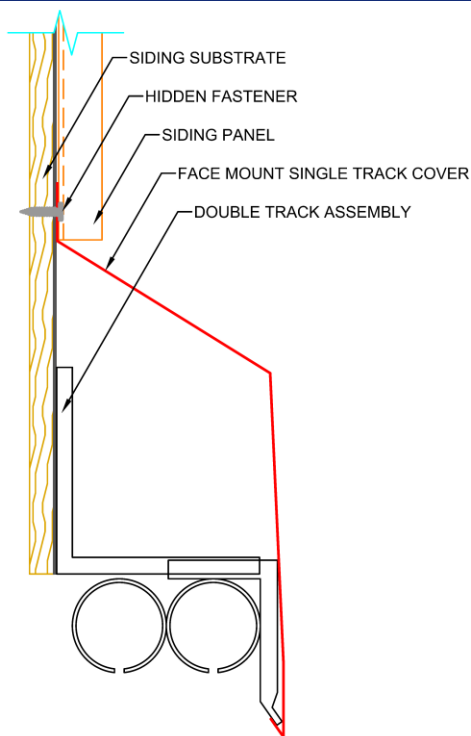
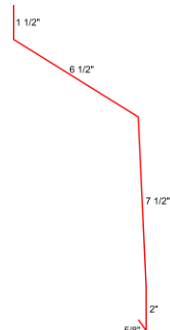
OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS **4"**.
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS **1"**.
- USE **SELF-SEALING FASTENERS** AS SHOWN.

OVERLAPPING DETAILS



DIMENSIONS



PROCEDURES:

1. CLEAN AND PREP THE INSTALLATION SITE.
2. APPLY **APPROVED UNDERLAYMENT** USING MANUFACTURER'S INSTRUCTIONS.
3. INSTALL **DOUBLE TRACK ASSEMBLY** USING MANUFACTURER'S INSTRUCTIONS.
4. INSTALL **DOUBLE TRACK COVER** USING **HIDDEN FASTENERS** SPACED **24"** ALONG THE TRIM'S EDGE.
5. INSTALL **SIDING PANEL** USING TYPICAL **ROOF PANEL** INSTALLATION.
6. CLEAN ALL PANELS AND TRIMS IMMEDIATELY AFTER INSTALLATION. REMOVE ALL **SWarf**: TRIMMINGS, SHAVINGS, FILINGS, ETC.

OVERLAPPING NOTES:

- **OVERLAPPING SPACING** IS **4"**.
- APPLY 3 ROWS OF **APPROVED SEALANT** WITH **SEALANT SPACING** AS **1"**.
- USE **SELF-SEALING FASTENERS** AS SHOWN.