

# INSTALLATION INSTRUCTIONS

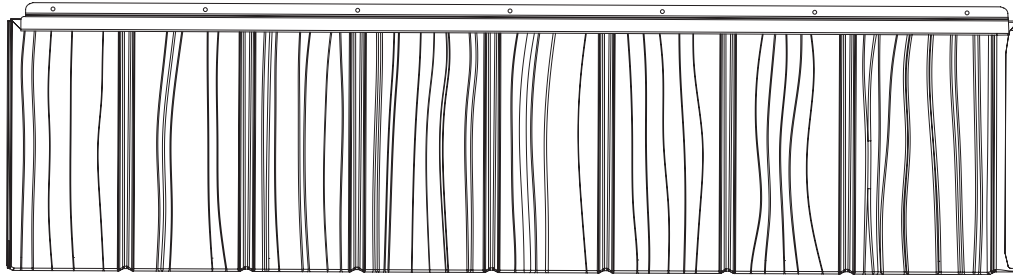
CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

## TRUE NATURE

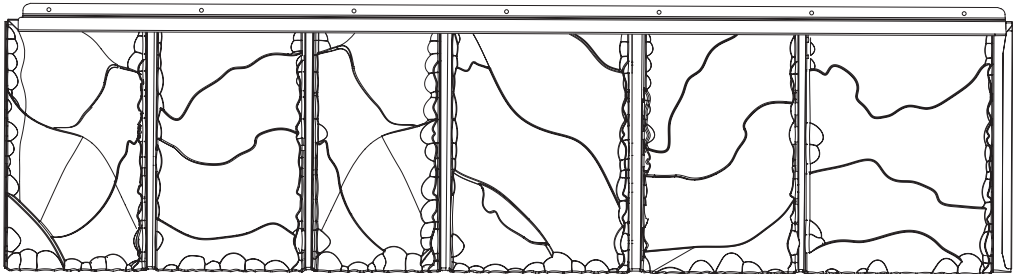
METAL ROOFING

Inspired by Nature  
Engineered by Vicwest

### CEDAR CREEK™ SHAKE



### NORTH RIDGE™ SLATE



## **CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE**

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## **CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE**

### **IMPORTANT NOTICE**

The installation guidelines for True Nature Cedar Creek Shake (Shake) and True Nature North Ridge Slate (Slate) metal roof tiles are intended only as a guide for product handling and installation procedures.

The materials and methods indicated herein are specified to help maintain overall integrity of the roofing system.

These guidelines do not address all aspects of the roofing installation or custom roof design requirements. Each specific roof and its construction may require variations from the information in this guideline. The quality of the installation is ultimately reliant on the experience and workmanship of the roofing contractor. These instructions shall be used as guidelines only and Vicwest assumes no responsibility whatsoever regarding improper installation or improper use of its products.

If you have any questions, please contact your local authorized Vicwest representative. For further information visit [www.vicwest.com](http://www.vicwest.com).

### **SAFETY**

Follow all governmental safety guidelines.

The installer/owner of the roof system is responsible to adhere to safe installation practices made mandatory by provincial and/or local ordinances as well as good construction practices.

Wearing of appropriate clothing, protective eyewear, light soft-soled shoes, safety gloves, as well as government approved fall arrest equipment are recommended.

Maintaining good housekeeping and keeping roof clear of debris as you work is a key ingredient to the safety of the project.

When walking on the roof, use soft-soled, non-marking shoes that will better grip the surface of the tile as well as protect the painted finish. When stepping on the tiles place your foot in the center, not on the interlocking edges or the tile nosing.



### **STORAGE**

Shake and Slate tiles and accessories must be stored in a dry, ventilated area protected from moisture and chemicals. It is recommended to install the tile as soon as possible after purchase.

### **WARRANTY**

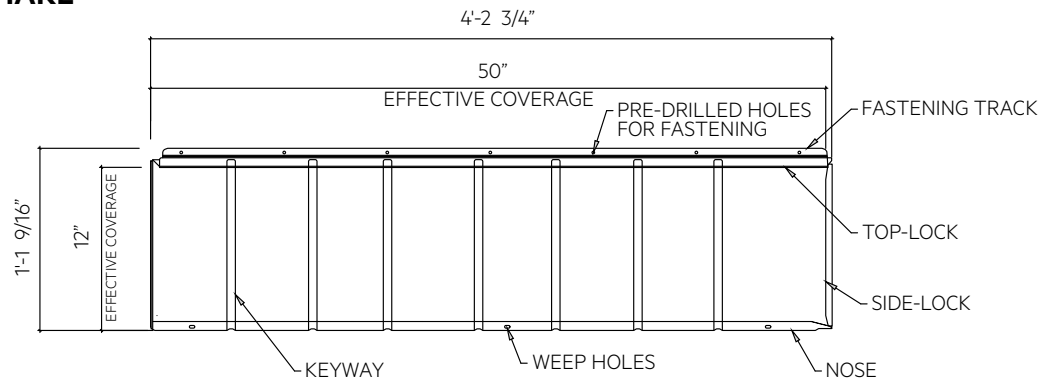
Please refer to [www.vicwest.com](http://www.vicwest.com) for warranty information on the Shake and Slate tile and register your warranty when your project is completed.

## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

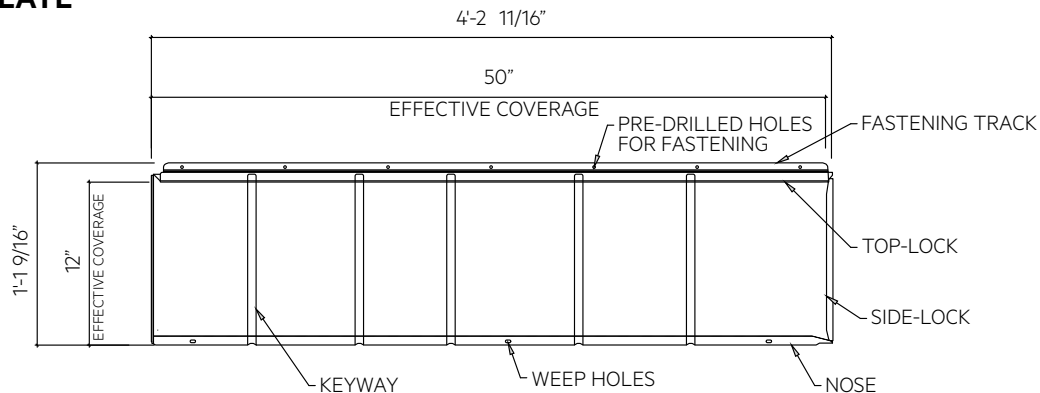
### PRODUCT OVERVIEW

Installed Coverage/Exposure Size:	12" x 50" / tile
Installed Coverage/Exposure Area:	4.17 sqft / tile (24 tiles per square)
Installed Weight:	3.76 lbs / tile (90 lbs/square)
Tile Depth:	9/16" at the tile nose
Material:	28ga (0.015"), Grade 33, galvalume coated steel

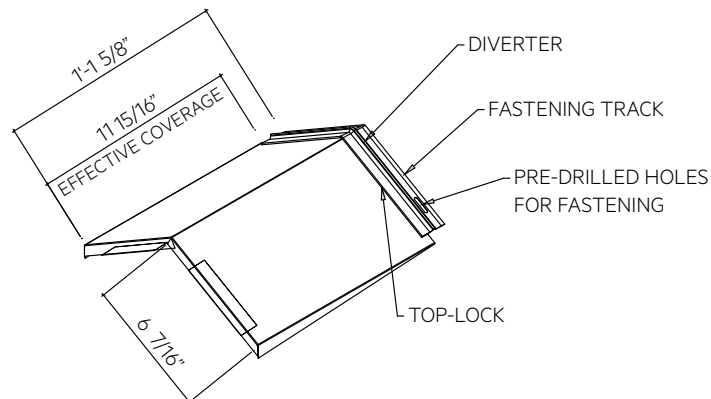
### SHAKE



### SLATE

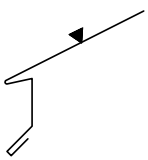
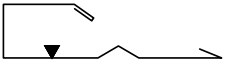
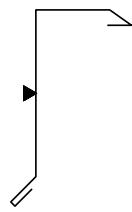
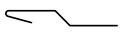

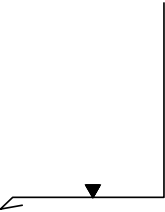
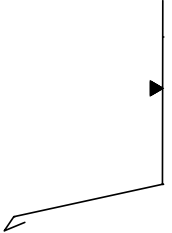

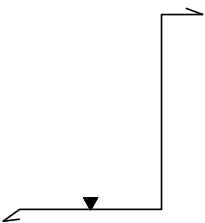
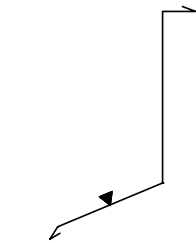
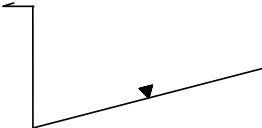
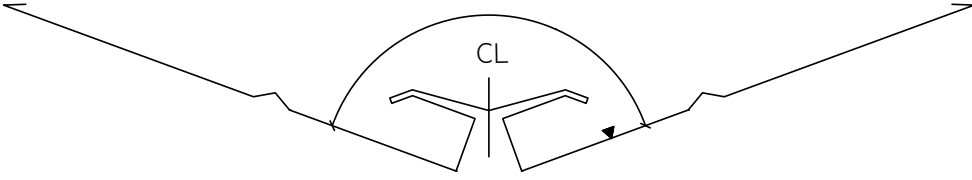



### HIP/RIDGE CAP



**CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE**

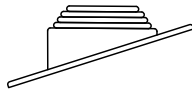

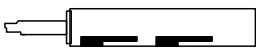





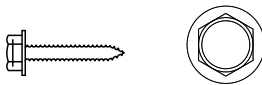
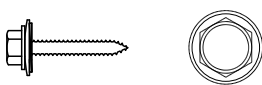

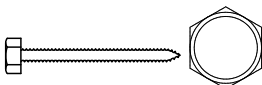
**TRIMS**

		
EAVE	INNER GABLE	OUTER GABLE
		
SLOPE CHANGE/TRANSITION	Z-FLASHING	
		
SIDE WALL	END WALL	REGLET
		
SIDE WALL MASONRY	END WALL MASONRY	HIGH END CHIMNEY
 <p>CL</p> <p>VALLEY</p>		
<p>  PREPAINTED/EXPOSED SIDE         </p> <p>Flashings are 10'-0", 28ga (0.015"), Grade 33, Galvalume coated steel</p>		

The True Nature Trim System is manufactured to suit a majority of installation types but on-site modifications of degrees may be required to suit your specific project needs. Customized trims and flat sheets are also available.

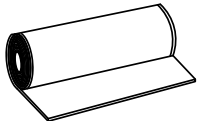
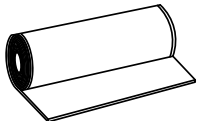

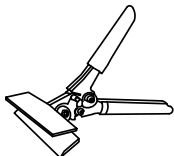


## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### ACCESSORIES

	ACCESSORY	IMAGE	DESCRIPTION
1	FLEXIBLE PIPE FLASHING		ROOF VENT/PIPE SEAL BLACK, GREY (EPDM)
2	RIDGE ROOF VENT		5/8" x 11 1/2" x 20' ROLL NYLON 6" PLUS CARBON BLACK FOR UV RESISTANCE, NON-WOVEN NYLON- POLYESTER WEATHER BARRIER
3	URETHANE / SILICONE SEALANT		EXPOSED, UV RESISTANT, CLEAR OR COLOUR MATCHED
4	BUTYL SEALANT		NON-EXPOSED, NON-SKINNING, NON-DRYING, FLEXIBLE
5	BUTYL TAPE		NON-EXPOSED, NON-SKINNING, NON-DRYING FLEXIBLE 1/8"x1/2"x25' LONG
6	FOAM SEALER		CLOSED CELL 3/4"x1"x20' LONG
7	#10 x 1" LG PANHEAD, QUADREX PHILIPS/ROBERTSON DRIVE, SELF TAPPING, TYPE 'A'		EXPOSED FASTENER, ZINC-PLATED COLOUR MATCHED
8	#10 x 1 1/2" LG. PANCAKE HEAD, SELF TAPPING, TYPE 'A'		HIDDEN FASTENER, ZINC PLATED
9	#10 x 1 1/2" LG. HEX HEAD, SELF TAPPING, TYPE 'A'		HIDDEN FASTENER, ZINC PLATED
10	#10 x 1 1/2" LG. HEX HEAD, SELF TAPPING, TYPE 'A' C/W EPDM BONDED WASHER		HIDDEN FASTENER, ZINC PLATED
11	#8-18 X 3/4" SELF-DRILLING HEX WASHER HEAD WITH EPDM BONDED WASHER		EXPOSED FASTENER, ZINC-PLATED COLOUR MATCHED
12	#10 x 3" LG. HEX HEAD, SELF TAPPING TYPE 'A'		HIDDEN FASTENER, ZINC PLATED

## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### ACCESSORIES

	ACCESSORY	IMAGE	DESCRIPTION
13	HT SELF-ADHERED UNDERLAYMENT		HIGH PERFORMANCE SELF-ADHESIVE, HIGH TEMPERATURE UNDERLAYMENT FOR METAL ROOFS
14	SYNTHETIC UNDERLAYMENT		HIGH TEMPERATURE WOVEN SYNTHETIC ROOF UNDERLAYMENT
15	TSHD TURBO SHEAR		FITS ALL HAND DRILLS
16	FOLDING TOOL		FOR SMALL AREAS
17	TRUE CUT SHEAR		FOR CUTTING METAL TILES
18	PORTABLE SHEET METAL BRAKE		FOR FORMING FLASHINGS AND TILES
RECOMMENDED TOOLS: CORDLESS DRILL, CIRCULAR SAW, TIN SNIPS, CHALK LINE, SQUARE, TAPE MEASURE.			

## **CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE**

### **ROOF PREPARATION**

#### **Roof Slope**

Shake and Slate tiles to be used on 3:12 roof slope or greater.

Do not install Shake and Slate tiles on roof slopes less than 3:12.

Refer to underlayment requirements below for roof slopes at 3:12 and greater than 4:12.

#### **Underlayment**

Follow your local building code and manufacturer's guidelines for the underlayment requirements, overlaps and installation procedures.

- For roof slopes of 3:12 up to under 4:12 install high temperature self-adhered underlayment on entire roof coverage.
- For roof slopes of 4:12 or greater we recommend using high temperature self-adhered underlayment in the areas that experience most driving rain, snow accumulation or ice damming. In all other areas use synthetic underlayment or #30 felt. See 'Installation Procedure Summary' below.
- If required, use underlayment primer on the roof sheathing to ensure proper adherence of the high temperature self-adhered underlayment.

#### **Roof Deck/Sheathing**

It is recommended to install Shake and Slate tiles on minimum ½" plywood sheathing but no less than required by your local building code.

#### **Roof Squareness**

The installation guidelines assume that the roof is square. Always check the roof squareness first.

#### **New Construction**

Prepare the roof deck to meet local building codes.



## **CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE**

### **Re-Roof Construction**

It is always recommended to remove the old asphalt shingles before installing the Shake and Slate metal roofing. Although Vicwest recommends removing existing asphalt shingles from the roof deck, Shake and Slate may be installed over one layer of asphalt shingles.

### **True Nature Metal Tiles can be installed over asphalt shingles with certain provisions:**

- If there is only **one layer** of existing asphalt shingles
- After inspection, the condition of the trusses or sheathing from inside the attic does not show any signs of damage
- **Note:** It is the sole responsibility of the homeowner/contractor to determine that the roofing structure can support the additional weight of the new roofing material

### **Prior to installation:**

- Always check with your local building code officials prior to installation
- Trim back any overhanging shingles on eaves and gables
  - Option for better fit would be to remove shingles on gable matching the width of the new trim - approximately 4" from gable edge
  - Option to remove 3' of shingles at eave to install self adhere underlayment
- Remove any existing eave or gable flashings
- Remove any noticeably damaged or curled shingles
- Inspect entire roof surface for any debris or protruding nails. Ensuring protruding nails are removed or hammered back down
- Cover the entire roof surface with High Temperature (HT) synthetic underlayment.
- Continue to follow installation instruction on trims and True Nature Metal Tiles

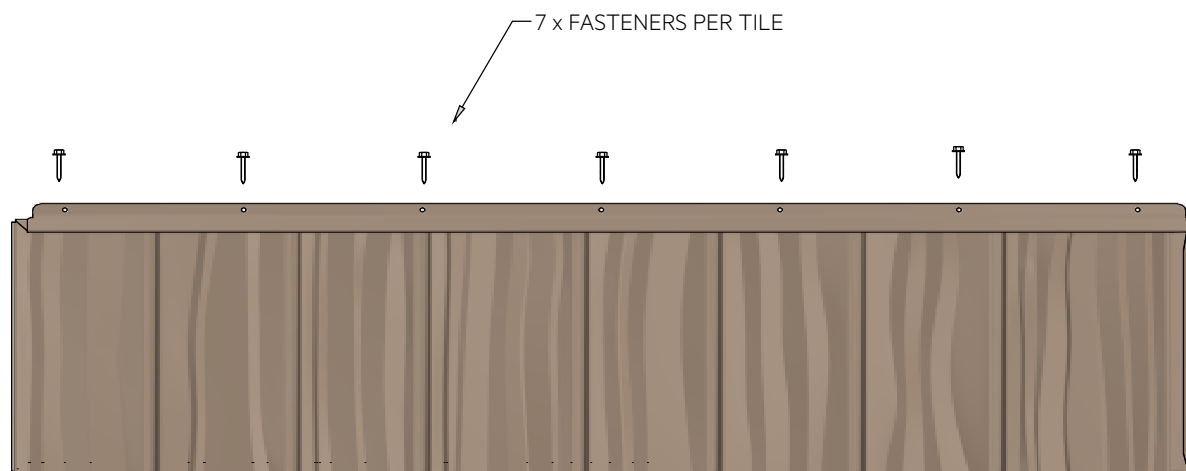
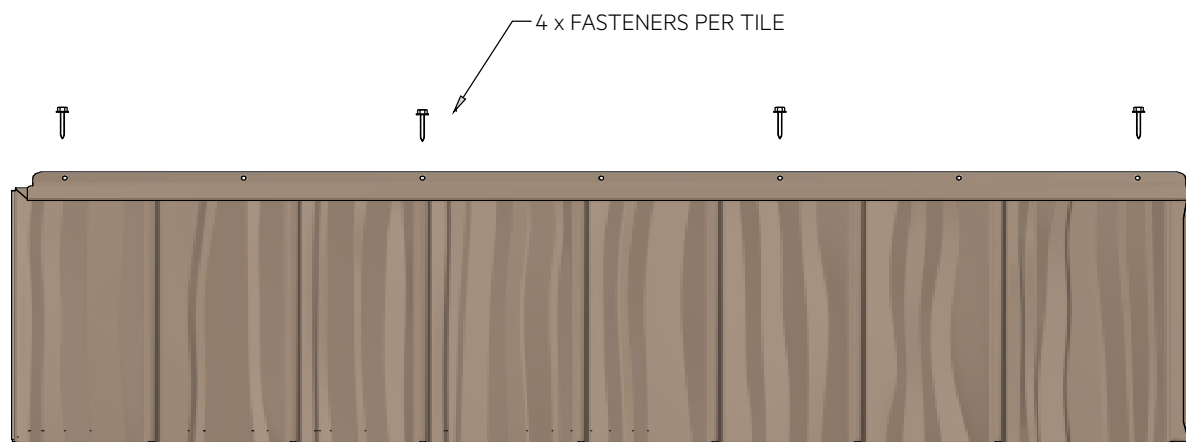
### **When NOT to install over existing asphalt**

- Note: If any of the issues below are present it is recommended to remove the asphalt shingles and make all appropriate repairs to the roof deck and structure prior to installation.
- If there is more than one layer of asphalt already installed
- If any existing roof leaks are present
- If any sheathing or rafters have rotted
- If the deck sags or have trusses buckled
- Any signs of problems caused from the previous roofing weighing too much

## **CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE**

### **FASTENING**

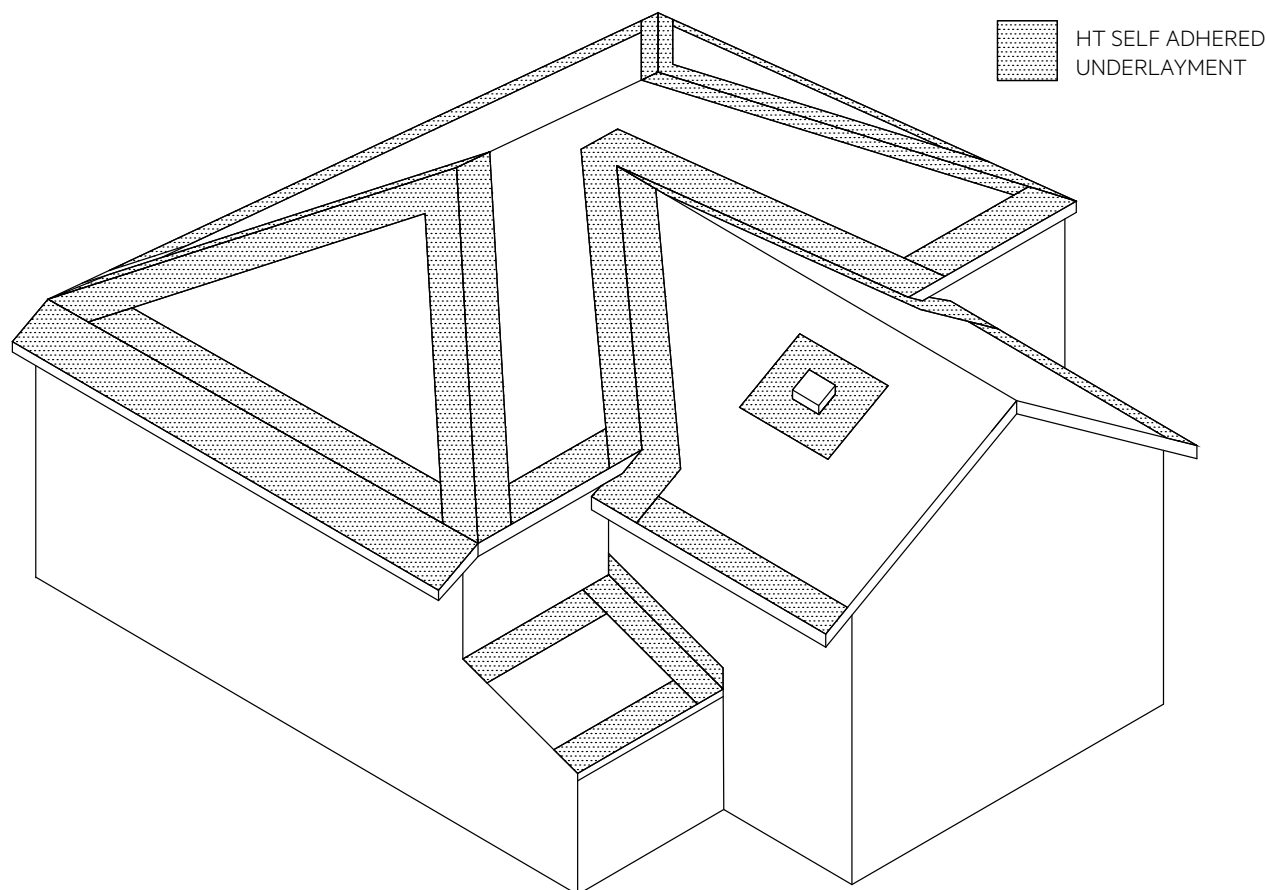
- Fasten tile panels with specified fasteners through the pre-punched holes.
- Standard fastening requires 4 fasteners per tile #10 x 1 1/2" LG. HEX HEAD, SELF TAPPING, TYPE 'A'.
- In high-wind areas use 7 fasteners per tile in all areas within minimum of 3' of the roof perimeter (around the eaves, gables and ridge/hips).
- Self-tapping screws must penetrate the wood sheathing by minimum 3/8" below the sheathing.
- Self-drilling screws must penetrate beyond metal substrate a minimum of 3 pitches of thread.



## **CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE**

### **INSTALLATION PROCEDURE SUMMARY**

1. Check that the existing eave line is straight before starting the eave trim installation. Use a chalk line to mark a straight line across the eave if required. Do not depend on the existing roof edge to be straight or square.
2. Install eave trim.
3. Install high temperature self-adhered underlayment along the eave on top of the eave trim.
4. Install high temperature self-adhered underlayment in valley, on hips, at slope transitions, end walls, side walls, around chimneys, skylights and at any roof penetrations, or as required per local building code.
5. Install synthetic underlayment on the remaining areas on the entire roof.
6. Install inner & outer gable trims.
7. Install valley flashing.
8. Install end wall & side wall trims.
9. Install hip flashing (optional)
10. Install Shake/Slate tiles starting at bottom left corner of the roof, proceeding from left to right and from bottom up. Ensure that keyways and side-locks are staggered.
11. Install hip/ridge caps.

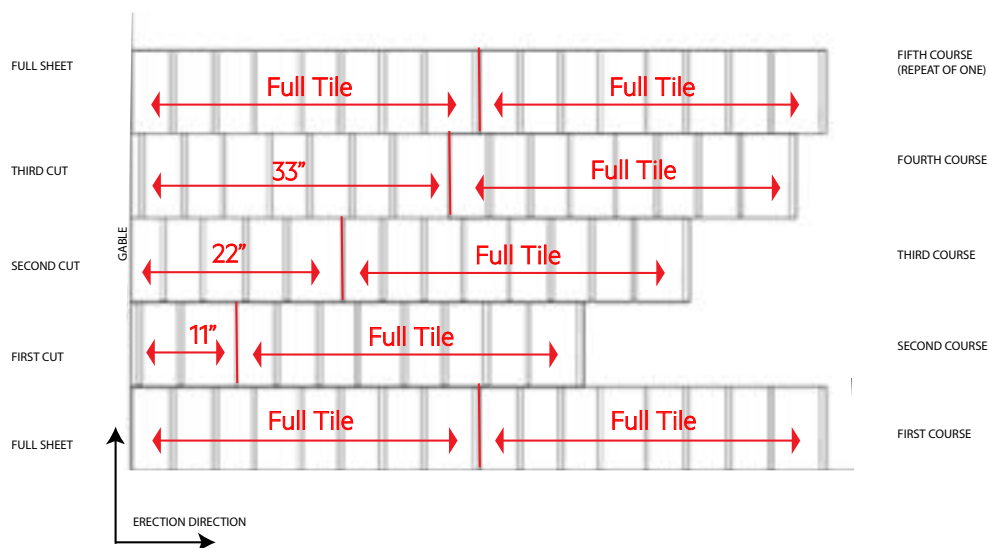


TYPICAL ROOF UNDERLAYMENT LAYOUT

## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

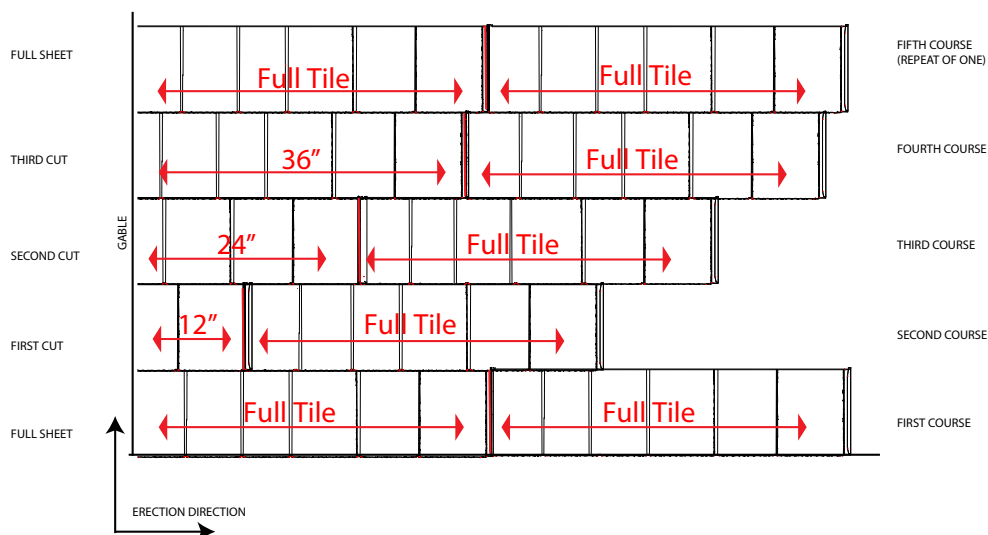
### SHAKE STAGGERED LAYOUT

Trim the first tile of each course at 11", 22" and 33" respectively from the edge of the right side lock.



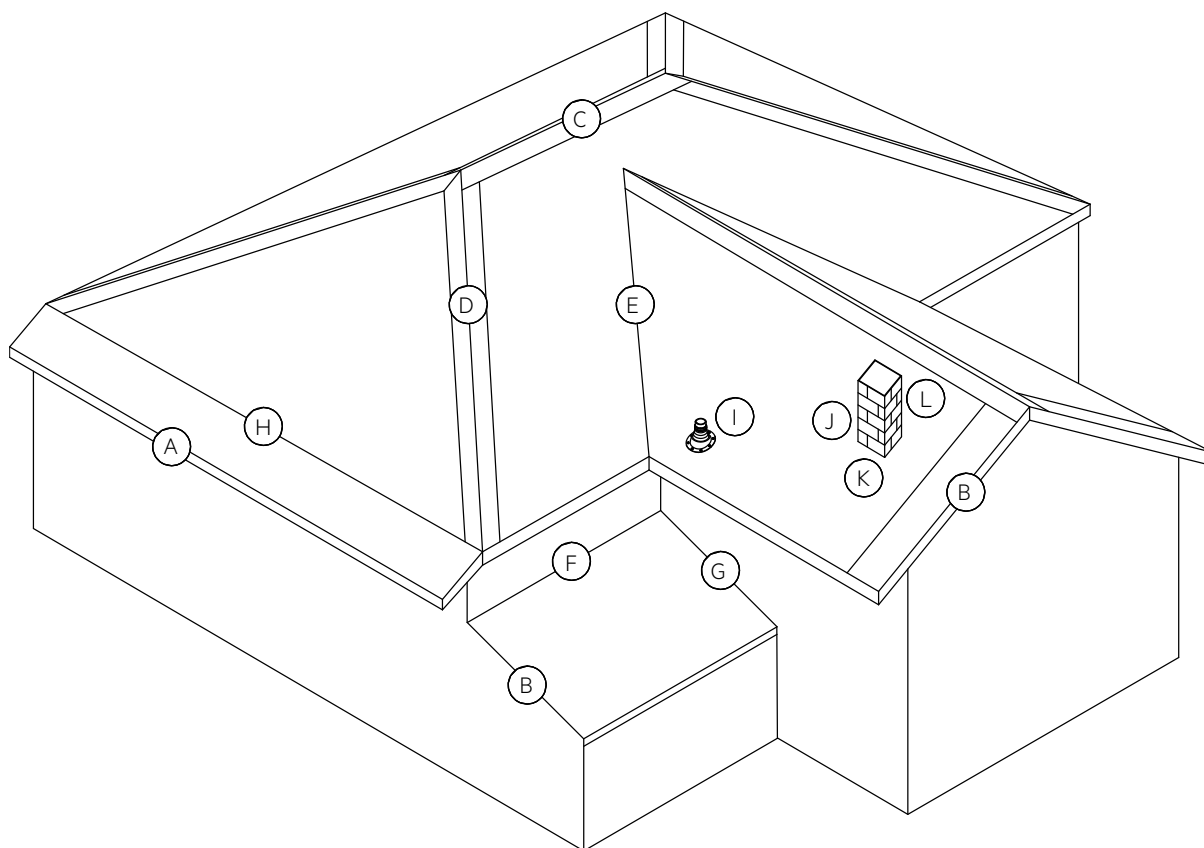
### SLATE STAGGERED LAYOUT

Trim the first tile of each course at 12", 24" and 36" respectively from the edge of the right side lock.



## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### INSTALLATION DETAILS



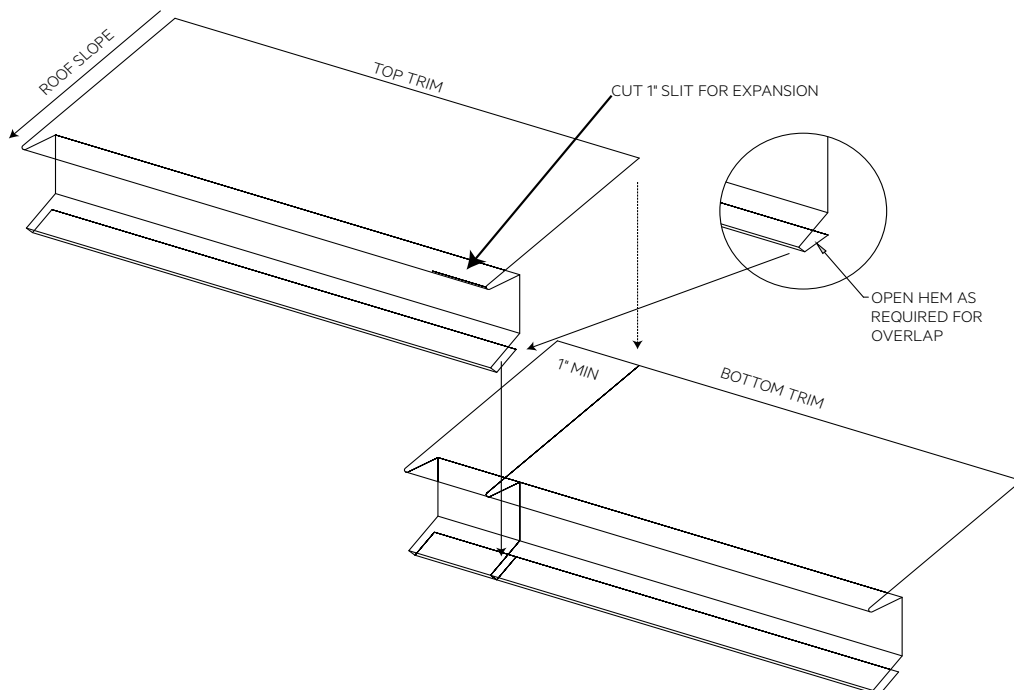
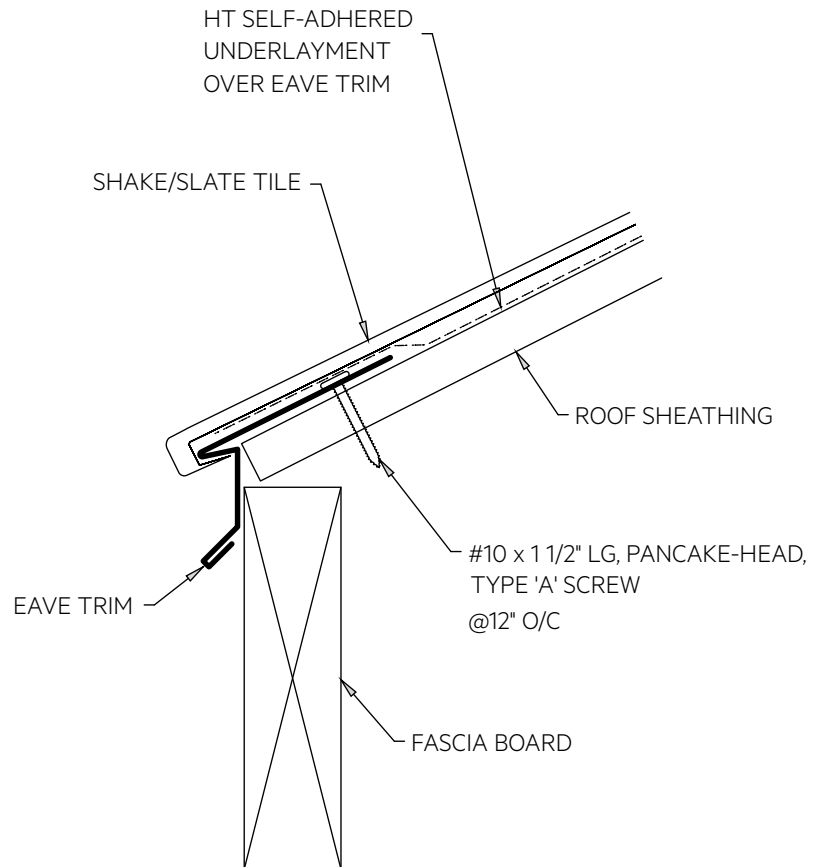
**TYPICAL ROOF CONDITION LAYOUT - ACCESSORIES ARE INDICATED IN BRACKETS -  
PLEASE SEE ACCESSORIES CHARTS ON PAGES 4 - 5**

- |  |  |
|--|--|
| (A) EAVE - pg 11 - (8, 13)                                     | (G) SIDE WALL - pg 27-29 - (8, 10, 14)                               |
| (B) GABLE - pg 12 - (7, 10, 14)                                | (H) SLOPE CHANGE / TRANSITION<br>- pg 23 - (5, 6, 8, 10, 11, 13, 14) |
| (C) VENTED OR NON-VENTED<br>RIDGE - pg 15-16 - (6, 10, 12, 14) | (I) ROOF VENT/PIPE - pg 31 -<br>(3, 4, 5, 10, 11, 13)                |
| (D) HIP - pg 21 - (4)  | (J) SIDE WALL MASONRY - pg 29  |
| (E) VALLEY - pg 21 - (9, 10, 13)                               | (K) END WALL MASONRY - pg 26   |
| (F) END WALL - pg 24-26<br>- (3, 4, 7, 8, 9, 10, 13, 14)       | (L) HIGH END CHIMNEY - pg 31 -<br>(1, 3, 4, 5, 9, 10, 11, 13)        |

## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### EAVE

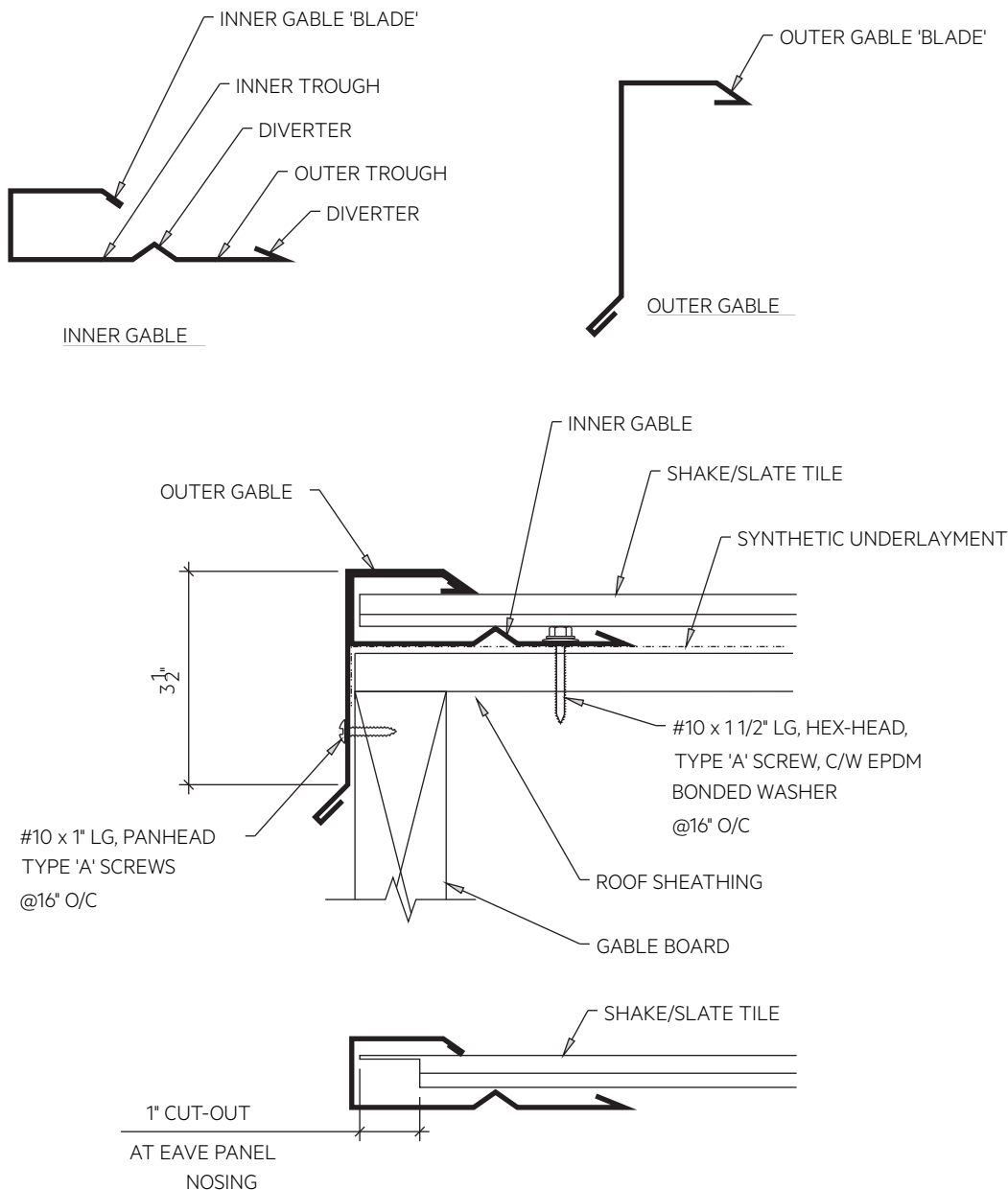
1. Eave Trim to be installed on straight line and square to ensure straight edge for the first row of roof ties. Chalk line the top position of the eave trim to accommodate the most prominent outward point of the fascia board, if required.
2. Fasten eave trim every 12" using #10 x 1 1/2" LG, PANCAKE-HEAD, TYPE 'A' SCREW.
3. Install high temperature self-adhered underlayment strip over eave trim, as per local building code.
4. Ensure that the first row of roof tile is tightly hooked over the eave trim and installed at a straight line.



## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### GABLE

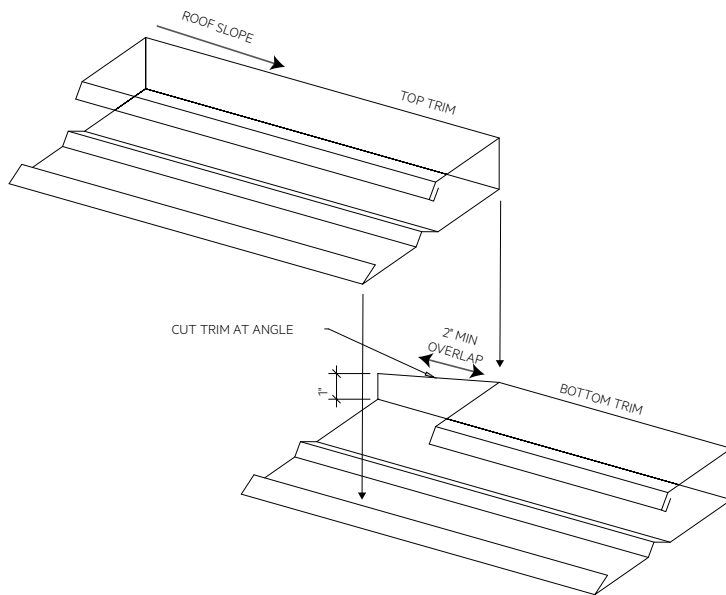
1. Position inner gable trim flush with the gable board.
2. Install inner gable trim over top of the eave trim and fasten in the outer trough at every 16", including at overlap joints, using #10 x 1 1/2" LG, HEX-HEAD, TYPE 'A' SCREW WITH EPDM BONDED WASHER. Do not screw into the inner trough.
3. Hook outer gable over the inner gable.
4. Stagger overlap joints of the inner and outer gable trims.
5. Fasten outer gable to the fascia board at every 16", including at overlap joints, using #10 x 1" LG, PANHEAD TYPE 'A' SCREWS.



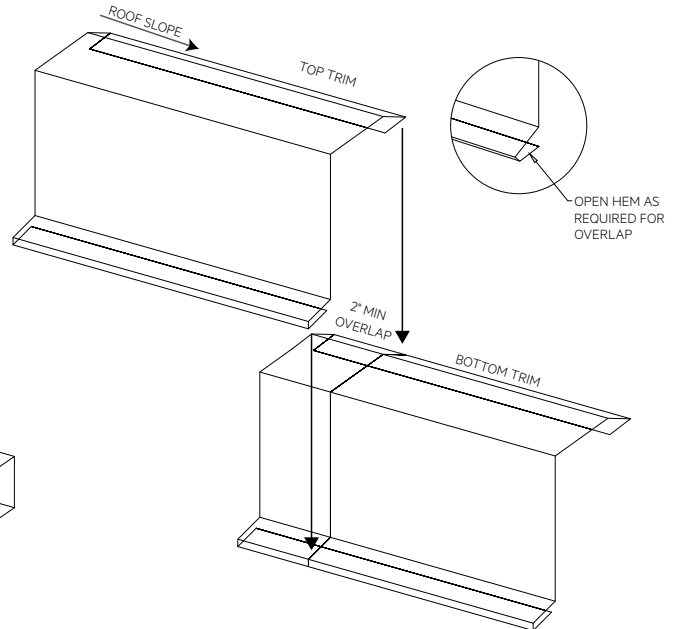
## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### GABLE TRIM OVERLAP DETAILS

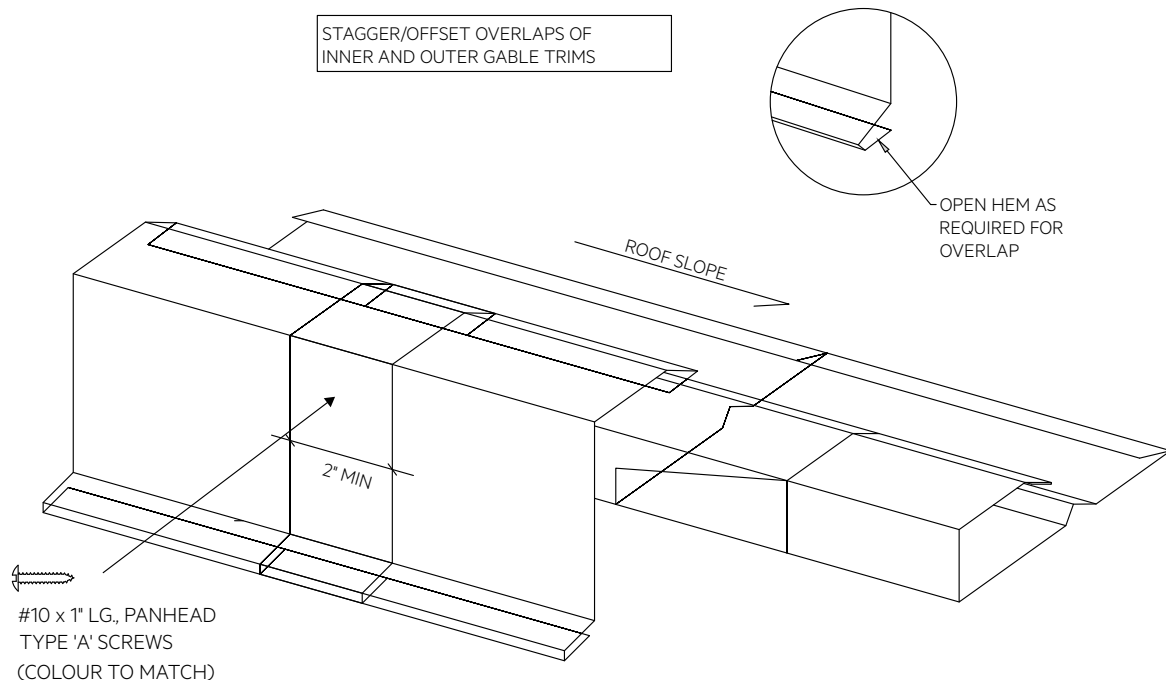
#### INNER GABLE TRIM



#### OUTER GABLE TRIM



### INNER AND OUTER GABLE TRIM LAP DETAIL

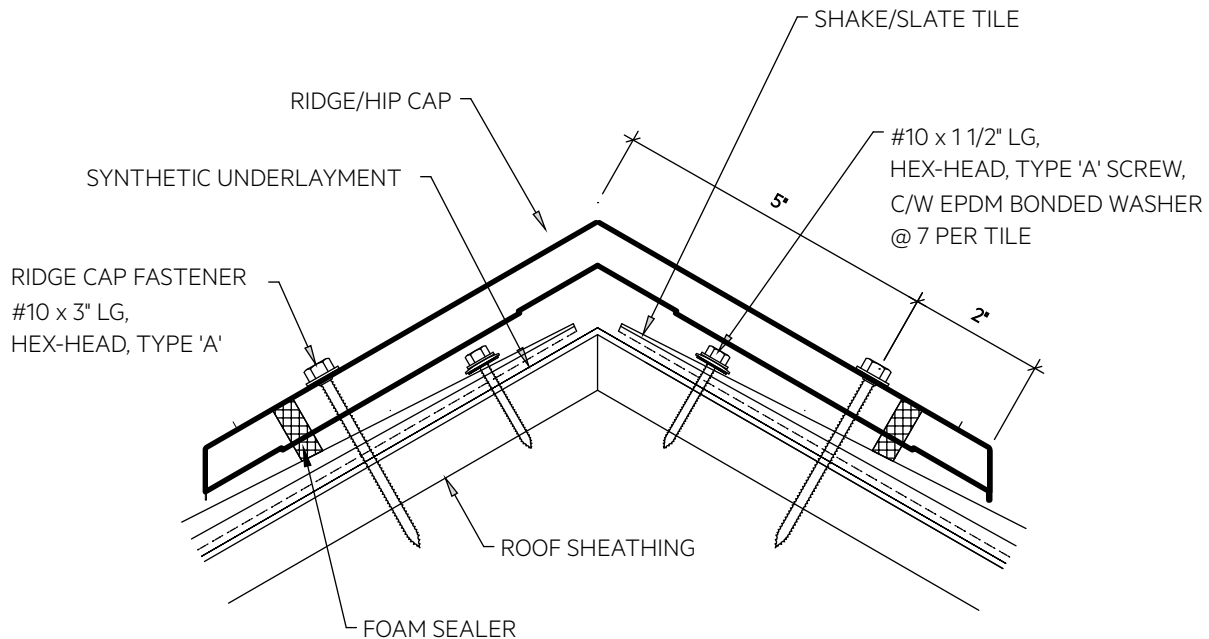




## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### NON-VENTED RIDGE DETAIL

1. Cut the top row of roof tiles at the ridgeline and fasten with 7 equally spaced #10 x 1 1/2" LG, HEX-HEAD, TYPE 'A' WITH EPDM BONDED WASHER fasteners to the roof sheathing.
2. Apply continuous foam-sealer on top of tiles along the ridge. Ensure that the foam-sealer is positioned on the outside edge of the ridge cap, in front of the ridge cap fasteners.
3. Align ridge cap along the ridge. Use chalk line if required.
4. Install ridge cap with #10 x 3" LG, HEX-HEAD, TYPE 'A' through the pre-punched slotted holes.  
Do not overdrive fasteners.



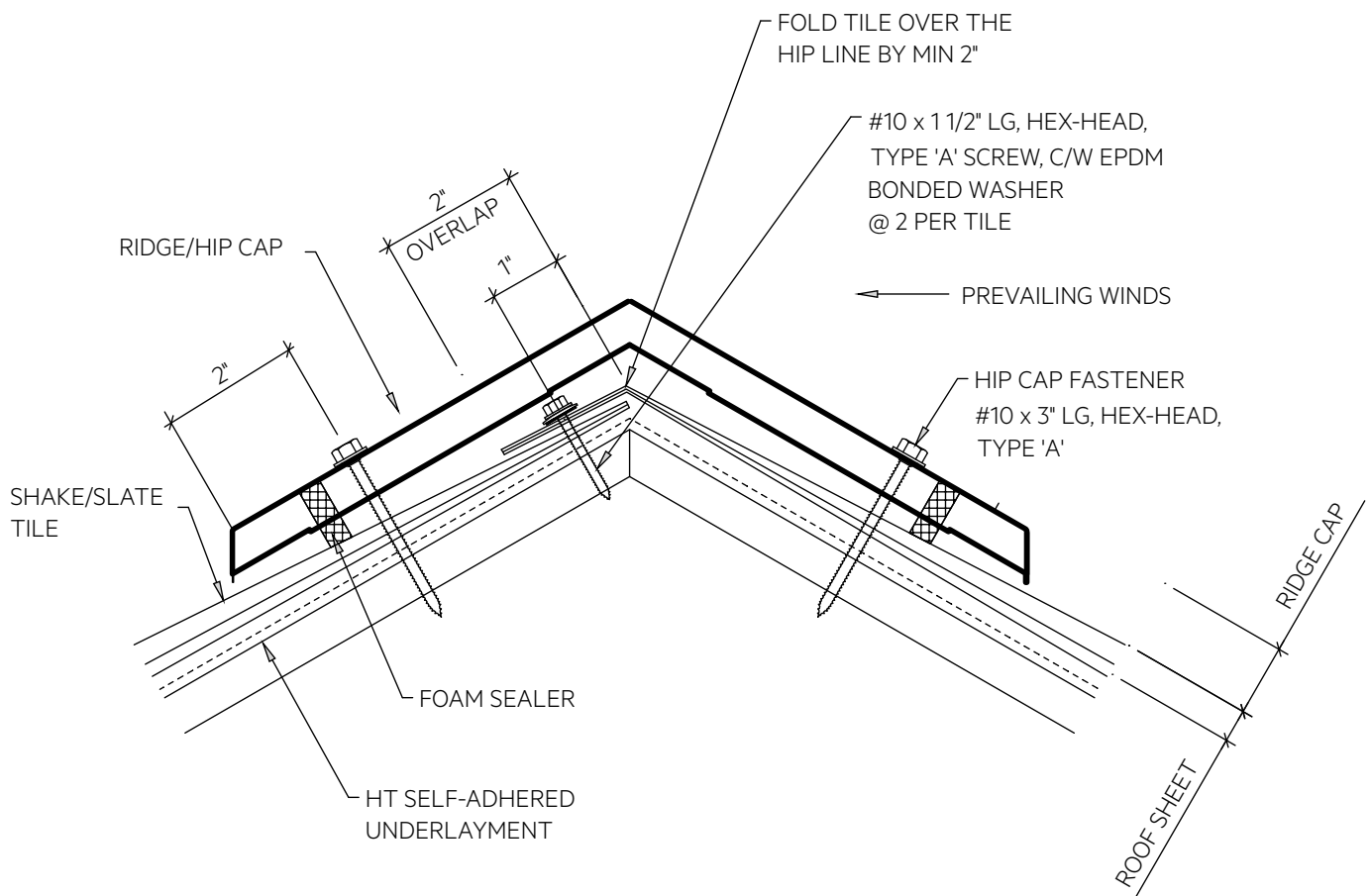
## VENTED RIDGE DETAIL

- 
- Diagram illustrating the assembly of a roof ridge, showing the installation of a ridge cap, ridge roof vent, ridge cap fastener, shake/slate tile, roof sheathing, rafters, and ridge beam.
- Labels and Dimensions:
- 5"
  - 2"
  - 1"
  - RAFTERS
  - RIDGE BEAM
  - SHAKE/SLATE TILE
  - ROOF SHEATHING
  - RIDGE CAP FASTENER  
#10 x 3" LG,  
HEX-HEAD, TYPE 'A'
  - RIDGE ROOF VENT
  - RIDGE/HIP CAP
  - #10 x 1 1/2" LG,  
HEX-HEAD, TYPE 'A' SCREW,  
C/W EPDM BONDED WASHER  
@ 7 PER TILE

## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### HIP DETAIL

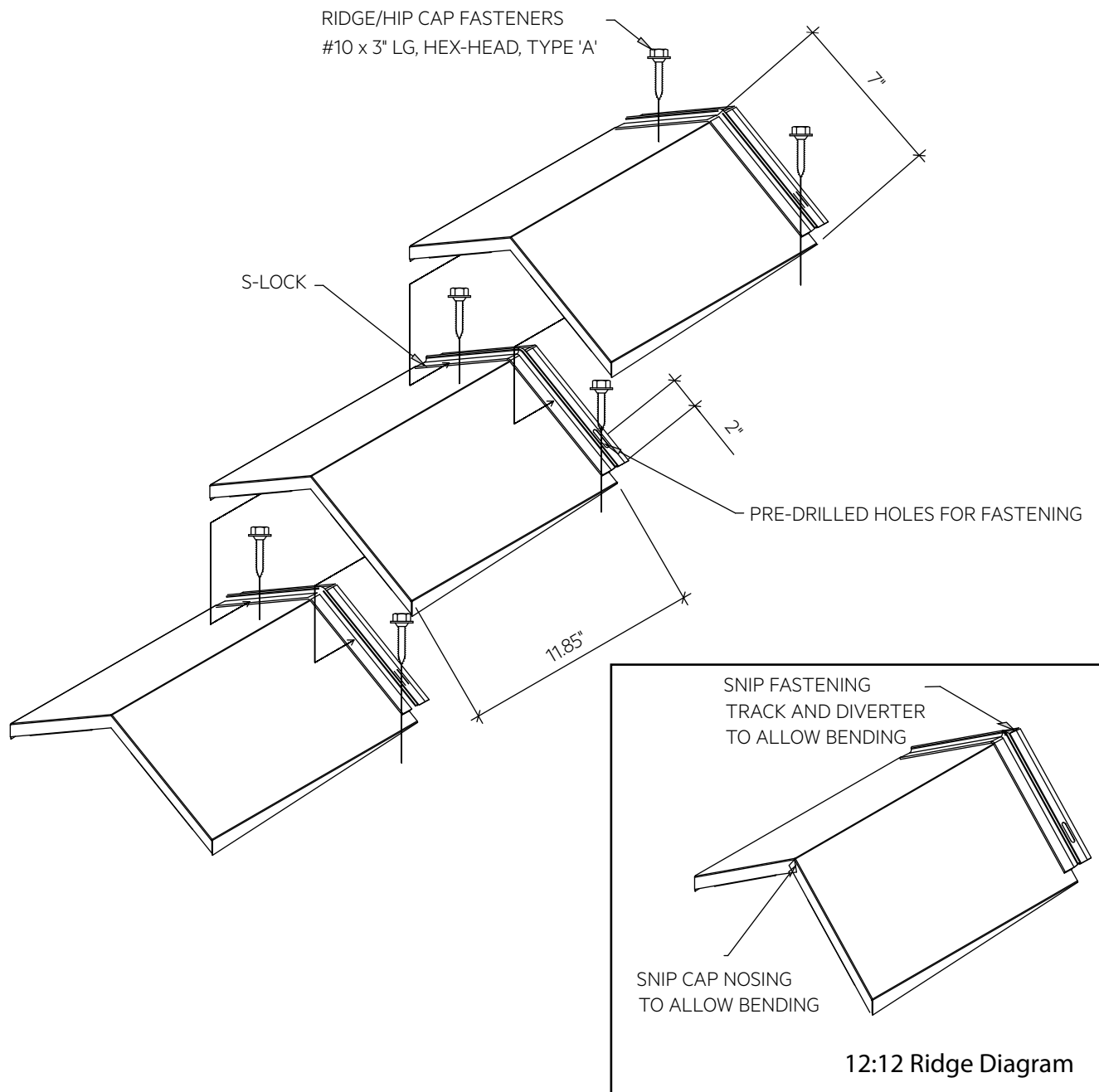
1. Install high temperature self-adhered underlayment along the hip, or as required per local building code.
2. Cut, fold and overlap the Shake/Slate tile over the hip centerline by a minimum 2" onto the opposite side of prevailing winds.
3. Fasten the roof tile overlap with 2 #10 x 1 1/2" LG, HEX-HEAD, TYPE 'A' SCREW WITH EPDM BONDED WASHER, per tile.
4. Apply continuous foam-sealer on top of the tiles along the hip. Ensure that the foam-sealer is positioned on the outside edge of the hip cap, in front of the hip cap fasteners.
5. Align hip cap along the hip centerline. Use chalk line if required.
6. Install hip cap with #10 x 3" LG, HEX-HEAD, TYPE 'A' screws through the pre-punched slotted holes. Do not overdrive fasteners.



## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### HIP/RIDGE CAP

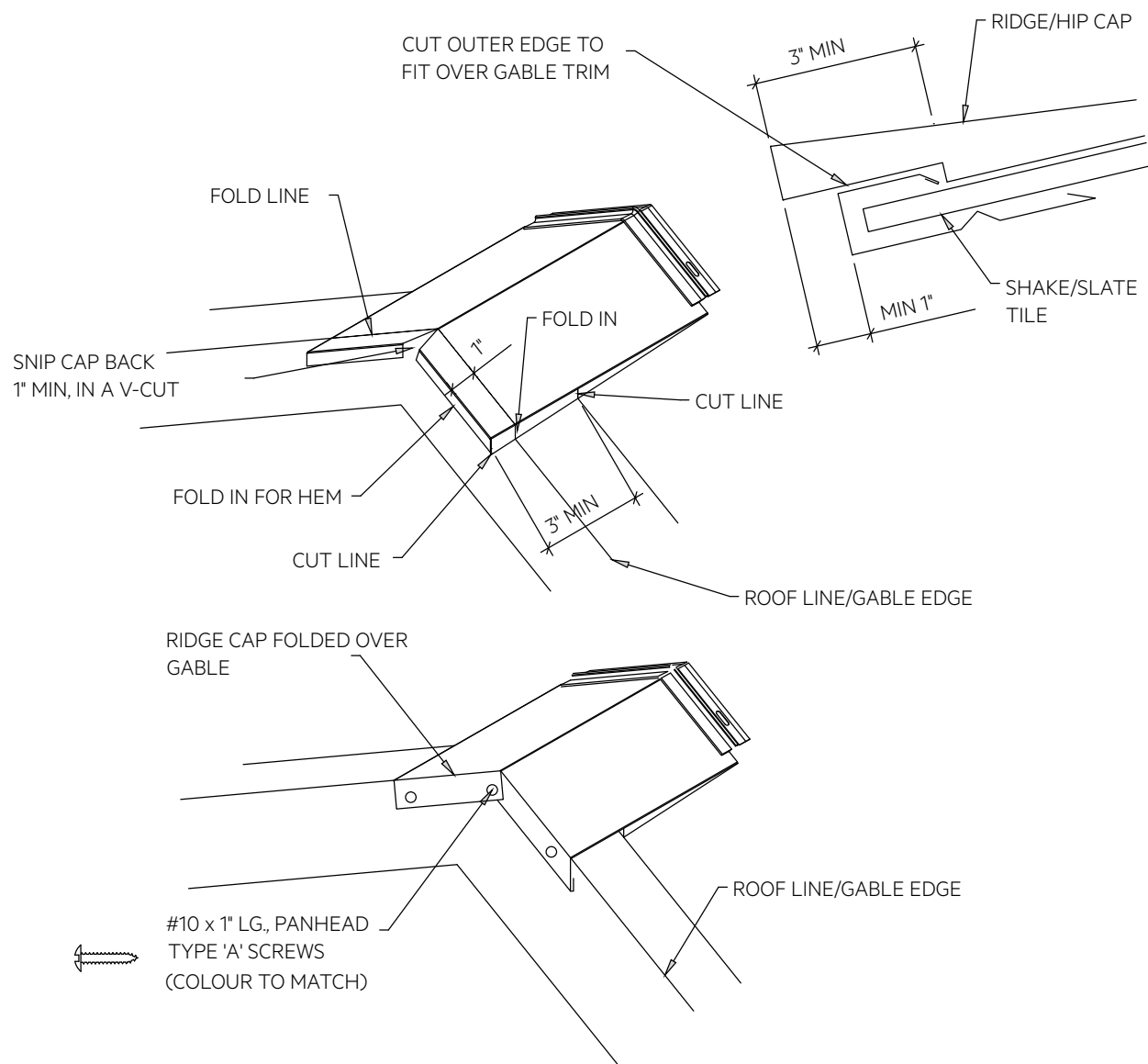
1. Align Shake/Slate Hip/Ridge Cap along the ridge or hip. Use chalk line if required.
2. Install hip/ridge cap with #10 x 3" LG, HEX-HEAD, TYPE 'A' FASTENERS through the center of the pre-punched slotted holes. Do not overdrive fasteners.
3. Ensure hip/ridge caps are tightly hooked into the top lock and installed in straight line.
4. Note: On roof pitches greater than 12:12 hip/ridge cap requires snip a v-cut at nosing and fastening track to allow for overbending of the cap (refer to diagram).



## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### RIDGE CAP DETAIL AT GABLE END

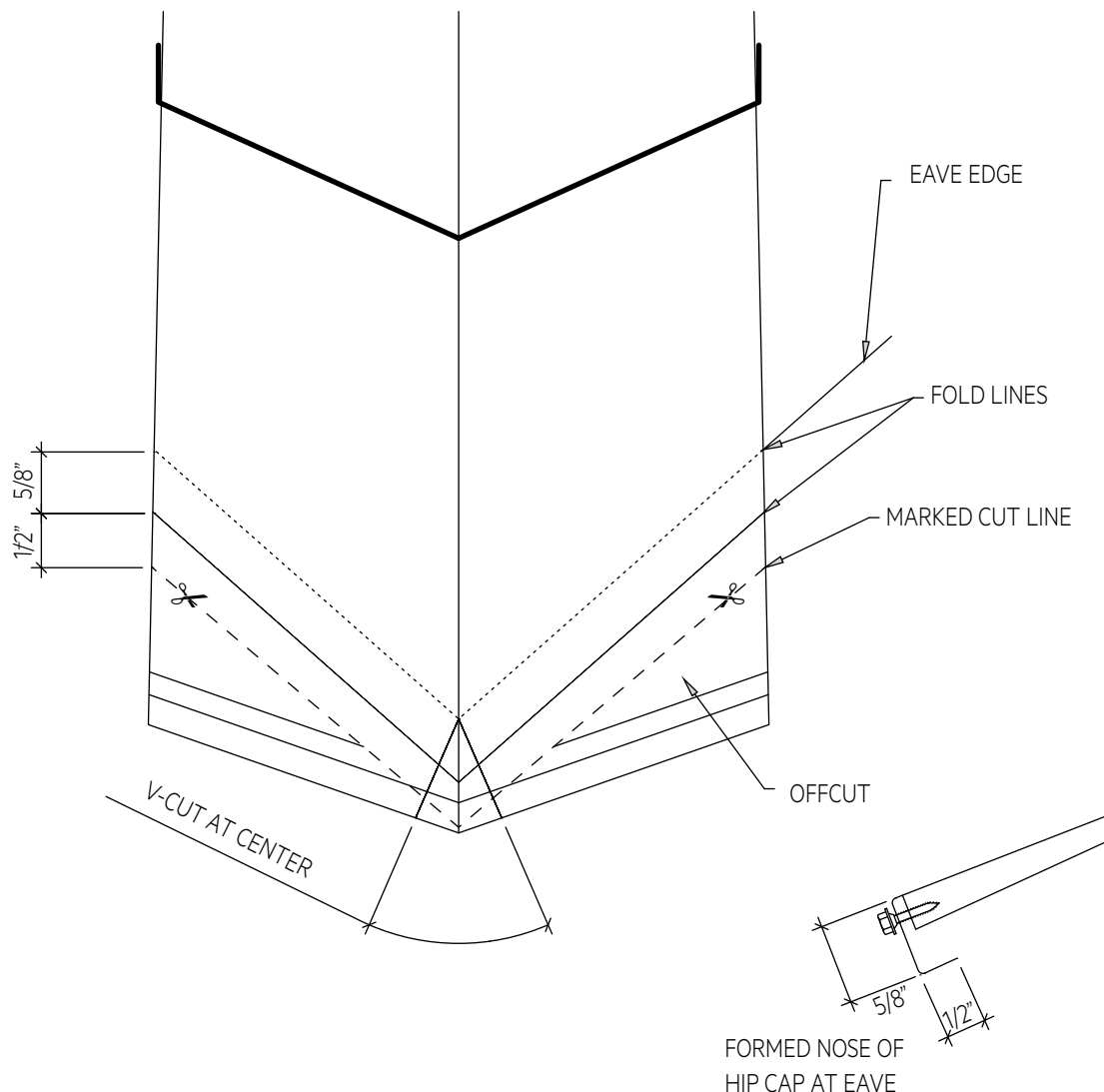
1. Snip ridge cap edges as shown and fold in.
2. Snip the middle of the ridge cap approximately 1" along the center.
3. You may need to snip the line on a small angle depending on roof pitch so the trim can fold over.
4. Fold front tab into hem and bend at gable edge to 90 degrees.
  - a) The cap should sit outside the gable trim
  - b) Fasten the turned down cap edges to the gable trim with colour matched #10 x 1" LG panhead, type 'A' screws



## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### HIP CAP DETAIL AT EAVE

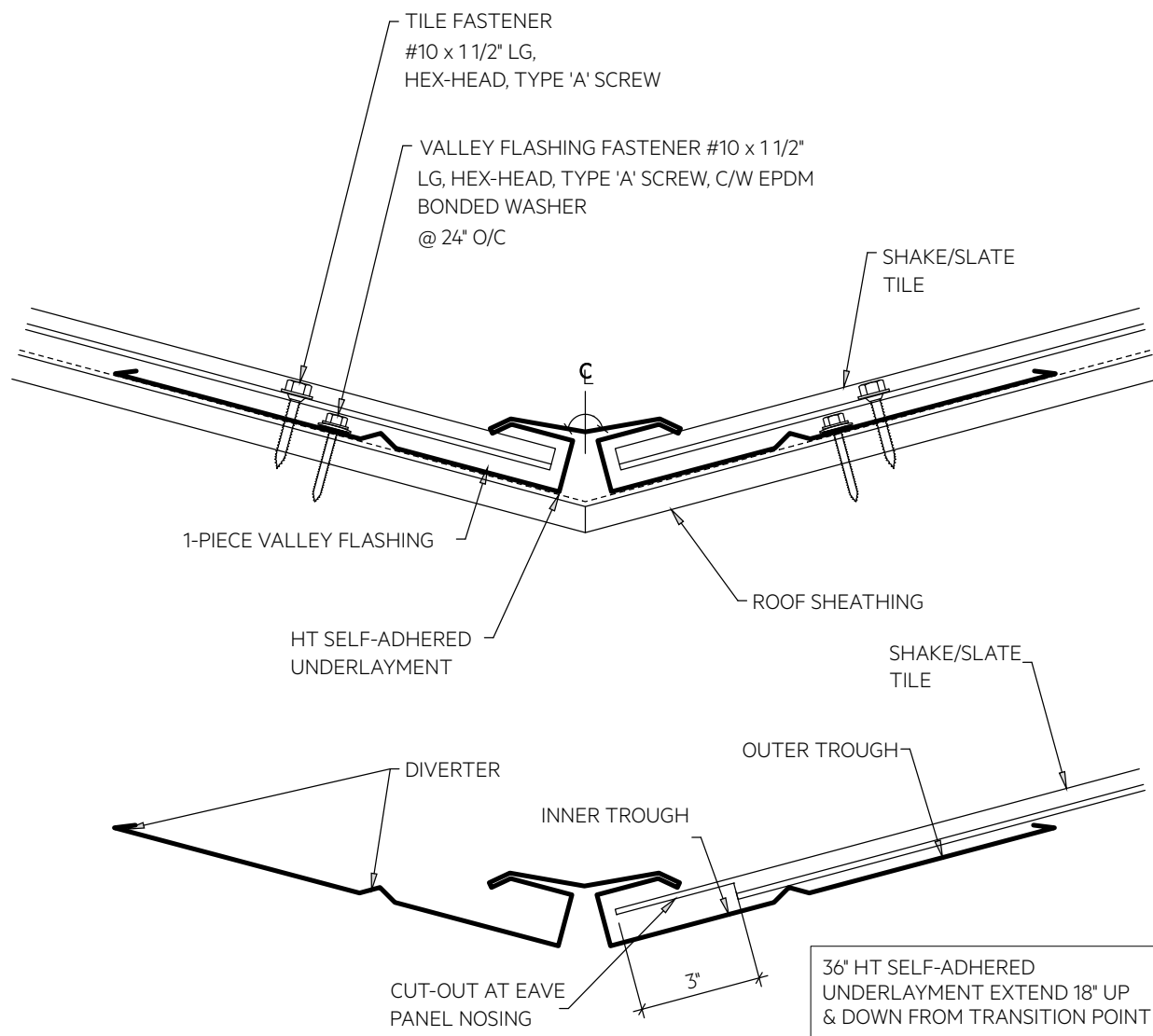
1. Mark the underside of the hip cap along the angle of the eave edge. This is your marked cut line.
2. From the marked cut line, measure 2 more fold lines at  $\frac{5}{8}$ " and  $\frac{1}{2}$ " apart.
3. Note: You may be required to increase the spacing between the fold lines when using the under hip flashing option.
4. Cut at the 1st fold line on the outer edge of hip cap.
5. Snip a v-cut in the middle of the hip cap along the centre crease.
  - a) Fold front tab into hem and bend at eave edge to match eave
  - b) Fasten the turned down cap edges to the tile nose with #10 x 1" LG, panhead, type 'A' screws.
6. Install the remainder of hip/ridge caps in a straight line.



## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

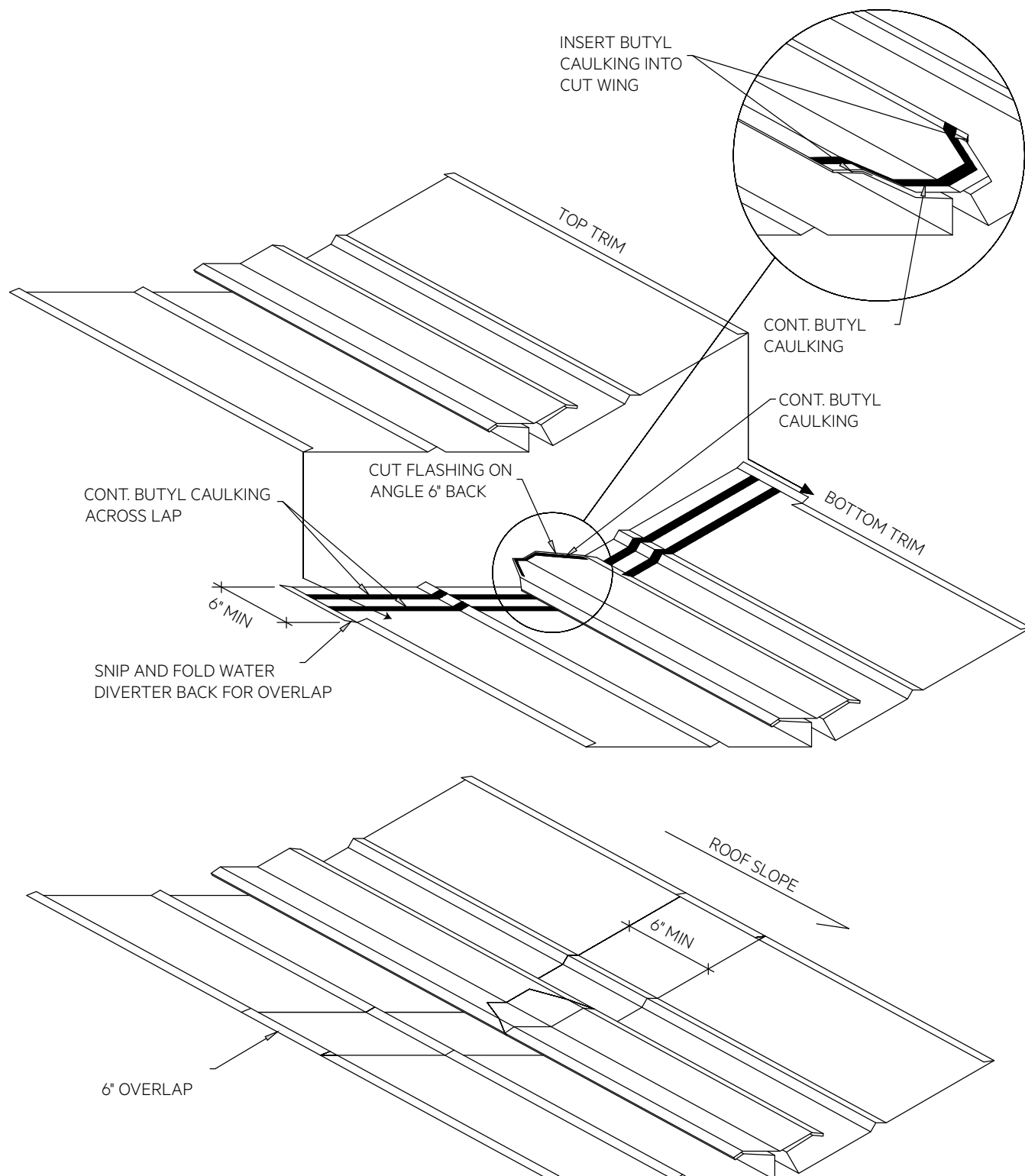
### VALLEY

1. Install high temperature self-adhered underlayment in the valley.
2. Align valley flashing on the valley and position over eave trim.
3. Cut the end of valley flashing on angles matching the two adjoining eave sections and installed cut edge at 1" up from eave edge.
4. Push the valley flashing tight into the roof and fasten in the outer trough at every 24" using #10 x 1 1/2" LG, HEX-HEAD, TYPE 'A' SCREW, EPDM BONDED WASHER.
5. Cut the metal tile to fit the valley angle.
6. Refer to tile notching/folding instructions.



**CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE**

**VALLEY TRIM**

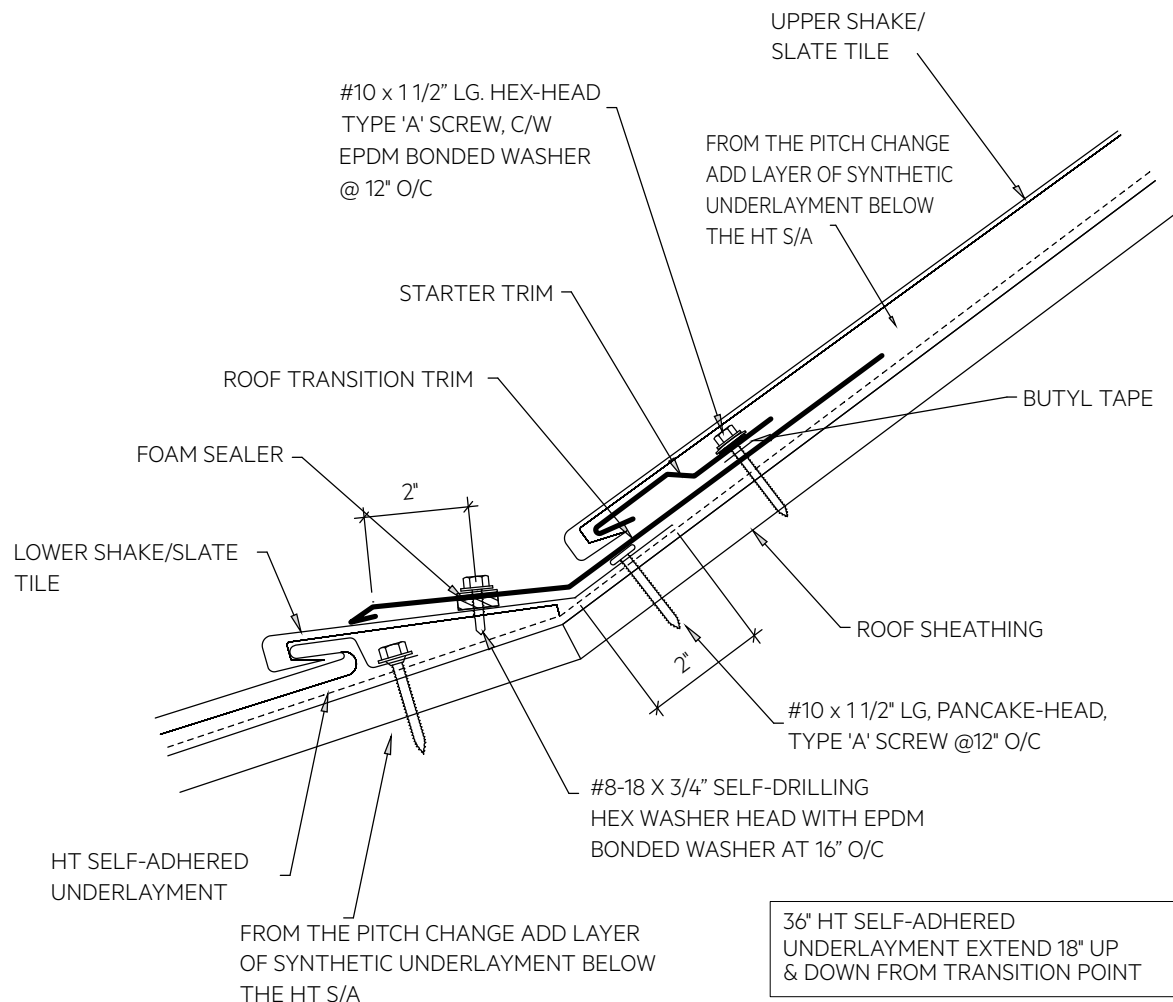




## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### ROOF SLOPE TRANSITION

1. Apply high temperature self-adhered underlayment, along transition roof line.
  - a) It is important to put the high temperature self-adhered underlayment on top of the synthetic underlayment on the lower roof slope.
  - b) It is important to put the high temperature self-adhered underlayment under the synthetic underlayment on the upper roof slope.
2. Measure and cut tile 2" above the roof pitch change. Bend tile to suit slope change.
3. Fasten lower roof tile with 7 X #10 x 1 1/2" LG, HEX-HEAD, TYPE 'A' SCREW with EPDM BONDED WASHER equally spaced fasteners to the roof sheathing.
4. Apply foam-sealer 2" below roof pitch change on the lower roof tiles.
5. Fasten roof transition trim to the lower roof tile through the foam sealer at every 16" using #8-18 x 3/4" Self-drilling Hex Washer Head with EPDM Bonded Washer.
6. Set starter trim on butyl tape on the upper roof slope, on top of roof transition trim and fasten every 12" using #10 x 1 1/2" LG, PANCAKE-HEAD, TYPE 'A' SCREW
7. Install first course of Shake/Slate tile on the upper roof slope.



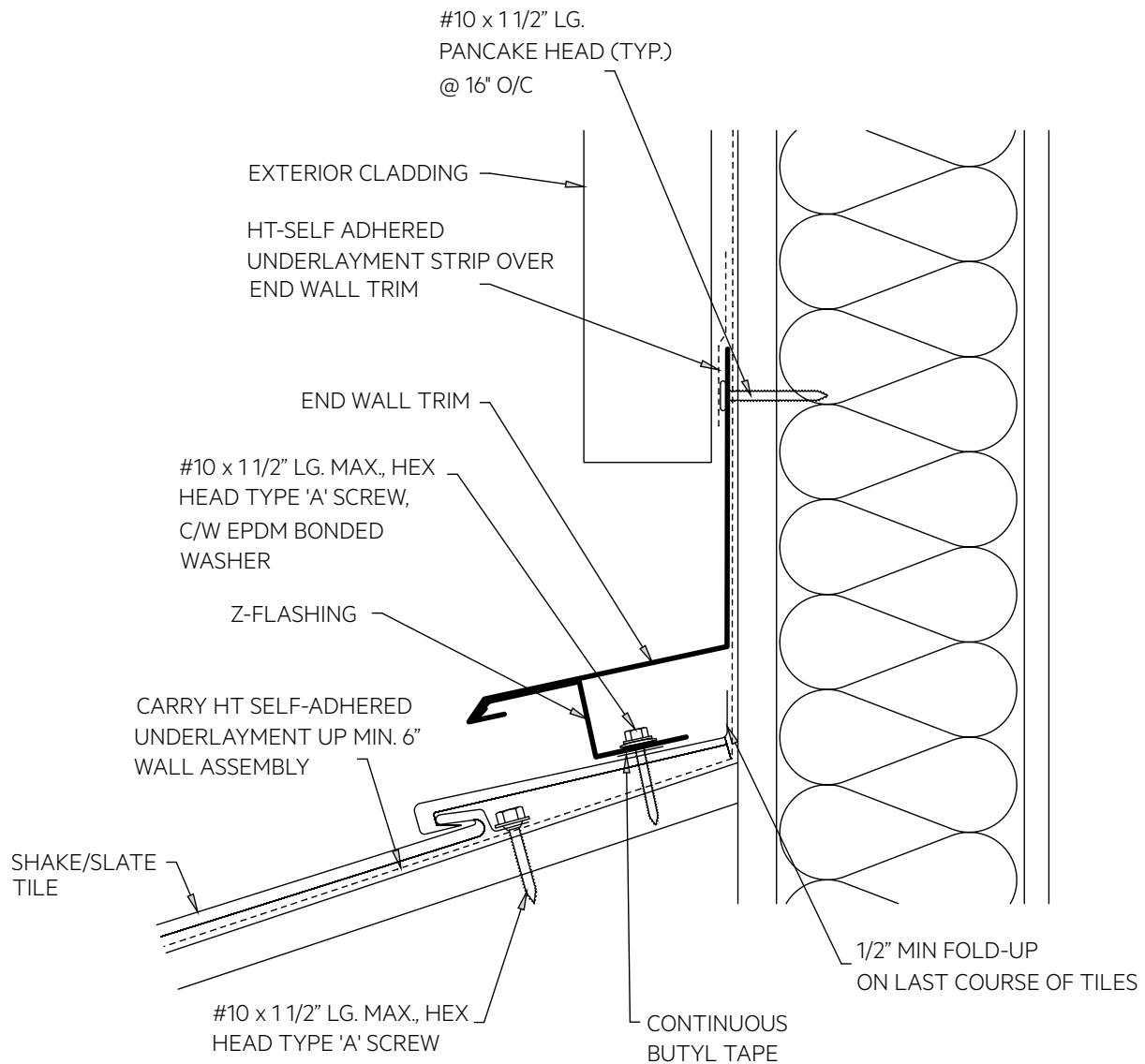
## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### ENDWALL

### NEW CONSTRUCTION

1. Carry high temperature self-adhered underlayment at least 6" up the endwall.
2. Measure and cut tile with a min 1/2" fold up at the base of the wall for the last course of tiles.
3. Apply butyl tape at bottom of the Z-flashing, set the Z-flashing on top of tile and fasten into plywood with 7 equally spaced #10 x 1 1/2" LG. MAX., HEX HEAD TYPE 'A' SCREW, C/W EPDM BONDED WASHER per tile.
4. Hook end wall trim over Z-flashing and fasten with #10 x 1 1/2" LG. PANCAKE HEAD every 16" to the end-wall substrate.
5. Apply underlayment strip over the transition trim behind new exterior cladding.

PLEASE REFERENCE PAGE 37 FOR SIDE / END WALL OVERLAP DETAILS



## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

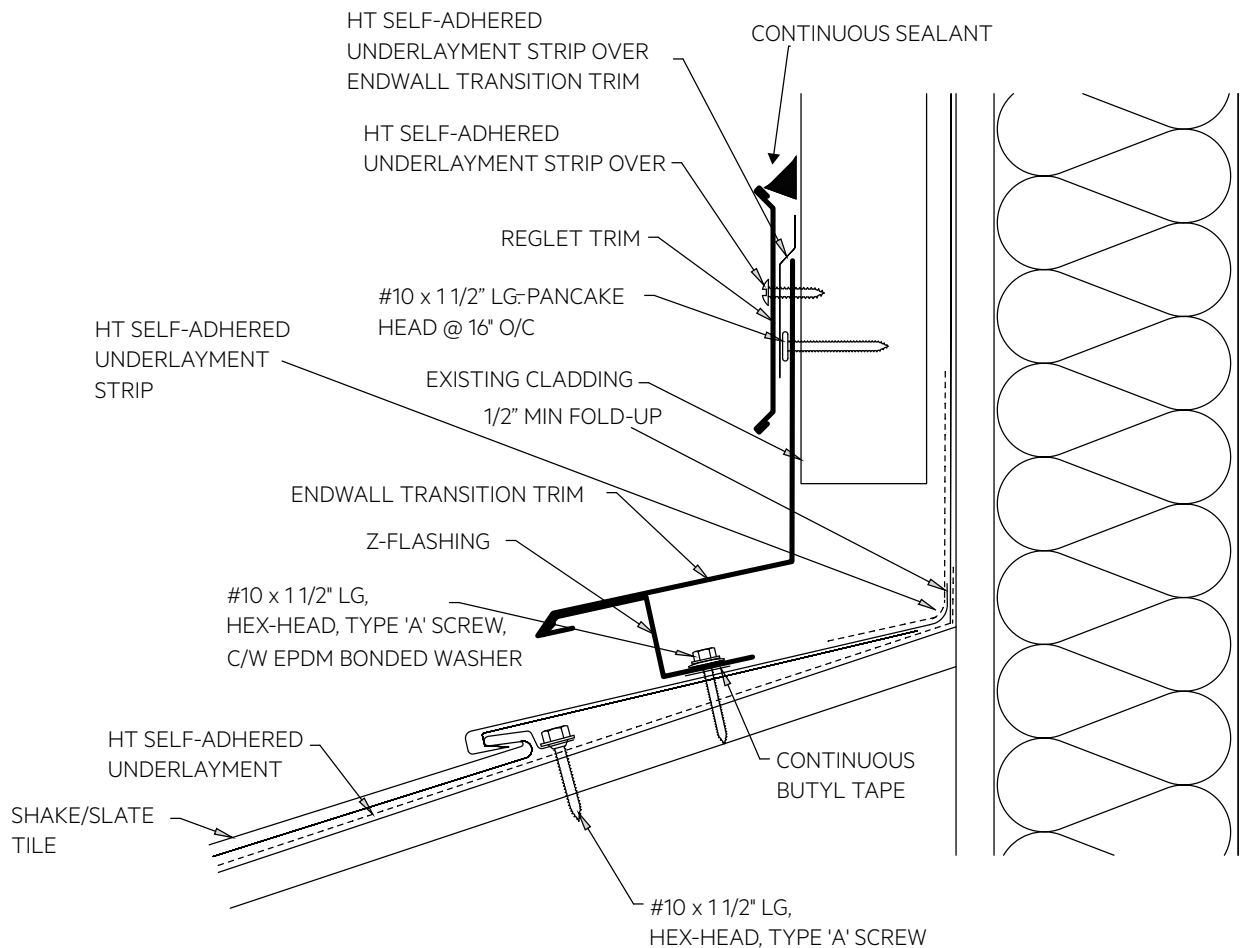
### ENDWALL

### RE-ROOF / EXISTING CLADDING CONSTRUCTION

1. Carry high temperature self-adhered underlayment at least 6" up the endwall.
2. Measure and cut tile with a min 1/2" fold up at the base of the wall for last course of tiles.
3. Apply butyl tape at bottom of the Z-flashing, set the Z-flashing on top tile and fasten into plywood with 7 equally spaced #10 x 1 1/2" LG. MAX., HEX HEAD TYPE 'A' SCREW, WITH BONDED WASHER per tile.
4. Hook end wall trim over Z-flashing and fasten with #10 x 1 1/2" LG. PANCAKE HEAD every 16" to the face of exiting cladding.
5. Apply 2" strip of high temperature underlayment over the end wall trim and onto the face of existing cladding.
6. Install reglet trim over the underlayment strip and fasten every 12" using #10 x 1" LG PANHEAD TYPE 'A' SCREW
7. Apply continuous sealant along the top edge of the reglet trim.

PLEASE REFERENCE PAGE 37 FOR SIDE / END WALL OVERLAP DETAILS

PLEASE REFERENCE PAGE 38 FOR REGLET TRIM DETAILS



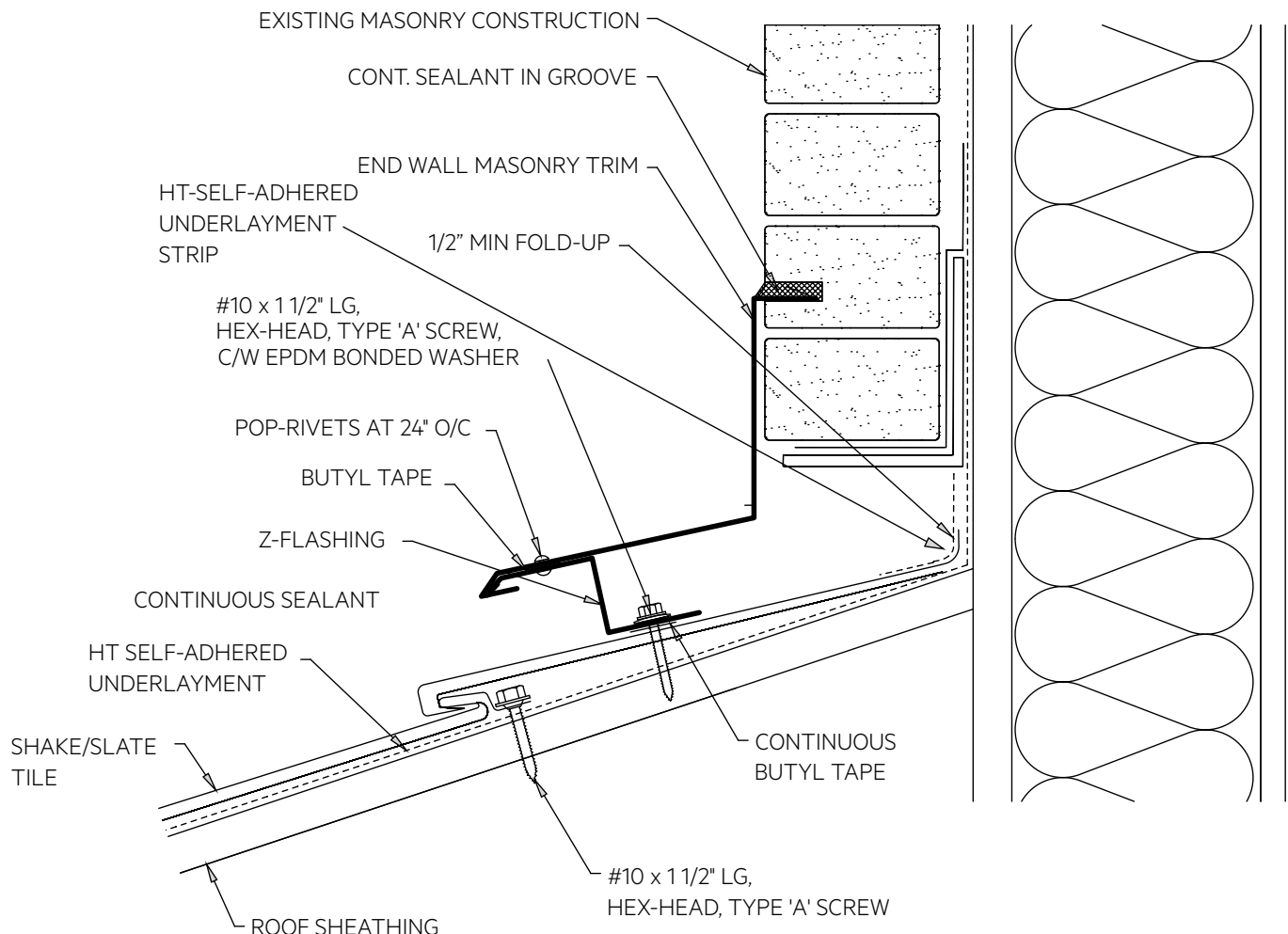
## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### ENDWALL

### RE-ROOF / EXISTING MASONRY CONSTRUCTION

1. Carry high temperature self-adhered underlayment is installed at wall to roof transition as required.
2. Measure and cut tile with a min 1/2" fold up at the base of the wall for the last row of tiles.
3. Apply butyl tape at bottom of the Z-flashing, set the Z-flashing on top of tile and fasten into plywood with 7 equally spaced #10 x 1 1/2" LG, HEX-HEAD, TYPE 'A' SCREW, C/W EPDM BONDED WASHER per tile.
4. Cut groove in masonry for end wall masonry trim installation.
5. Apply continue urethane/silicone sealant along groove in masonry, and apply butyl tape on top of Z-flashing.
6. Hook end wall masonry over Z-flashing and embed into sealant in the masonry groove.
7. Fasten end wall masonry trim to Z-flashing with pop-rivets every 24".

PLEASE REFERENCE PAGE 37 FOR SIDE / END WALL OVERLAP DETAILS



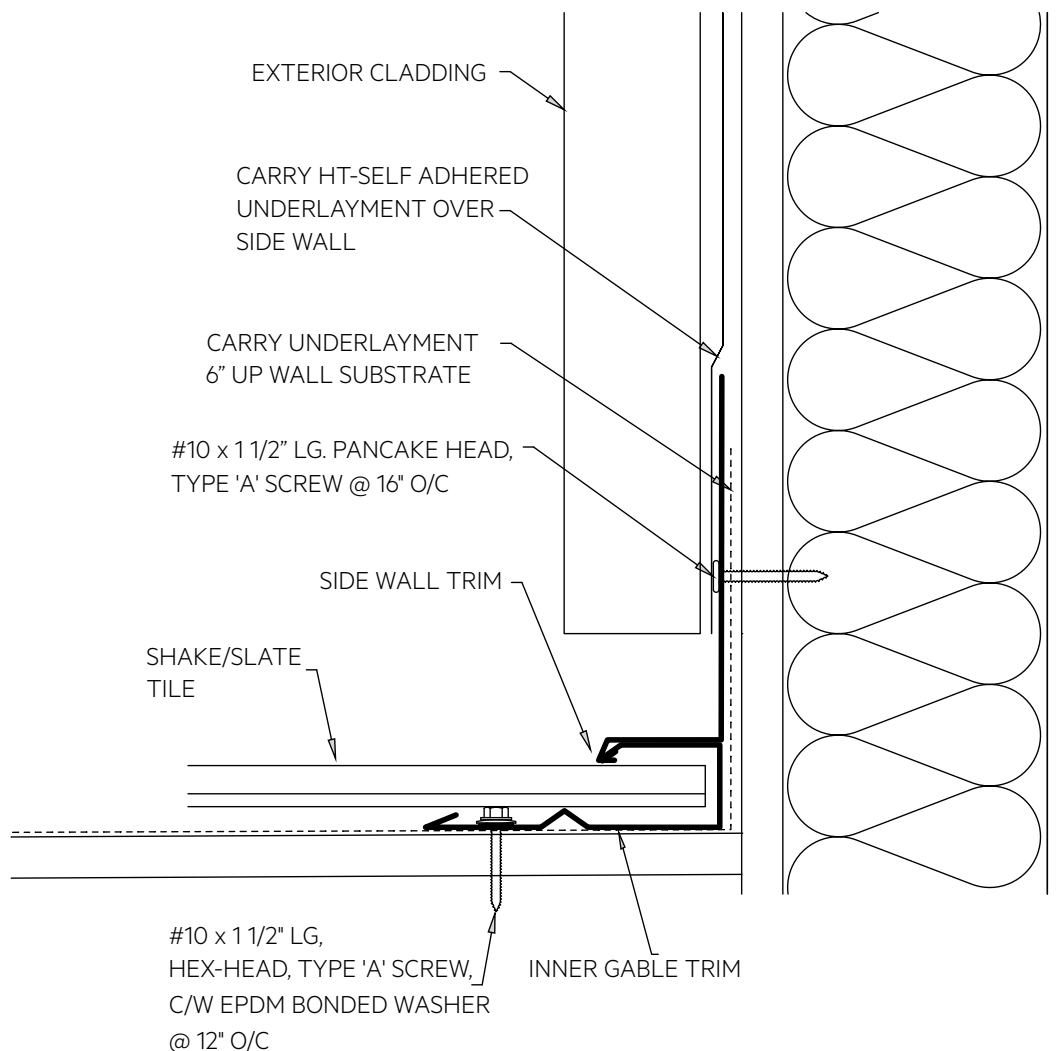
## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### SIDEWALL

### NEW CONSTRUCTION

1. Apply high temperature self-adhered underlayment at least 6" up the sidewall.
2. Install inner gable trim along the sidewall and attach in the outer trough at every 16" using #10 x 1 1/2" LG. PANCAKE HEAD, TYPE 'A' SCREW
3. Hook side wall trim tight onto inner gable and fasten at every 12" using #10 x 1 1/2" LG, HEX-HEAD, TYPE 'A' SCREW to the sidewall substrate.
4. Apply high temperature self-adhered underlayment strip over the side wall trim behind new wall cladding.
5. Slide tiles into the inner gable trim.

PLEASE REFERENCE PAGE 37 FOR SIDE / END WALL OVERLAP DETAILS



## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

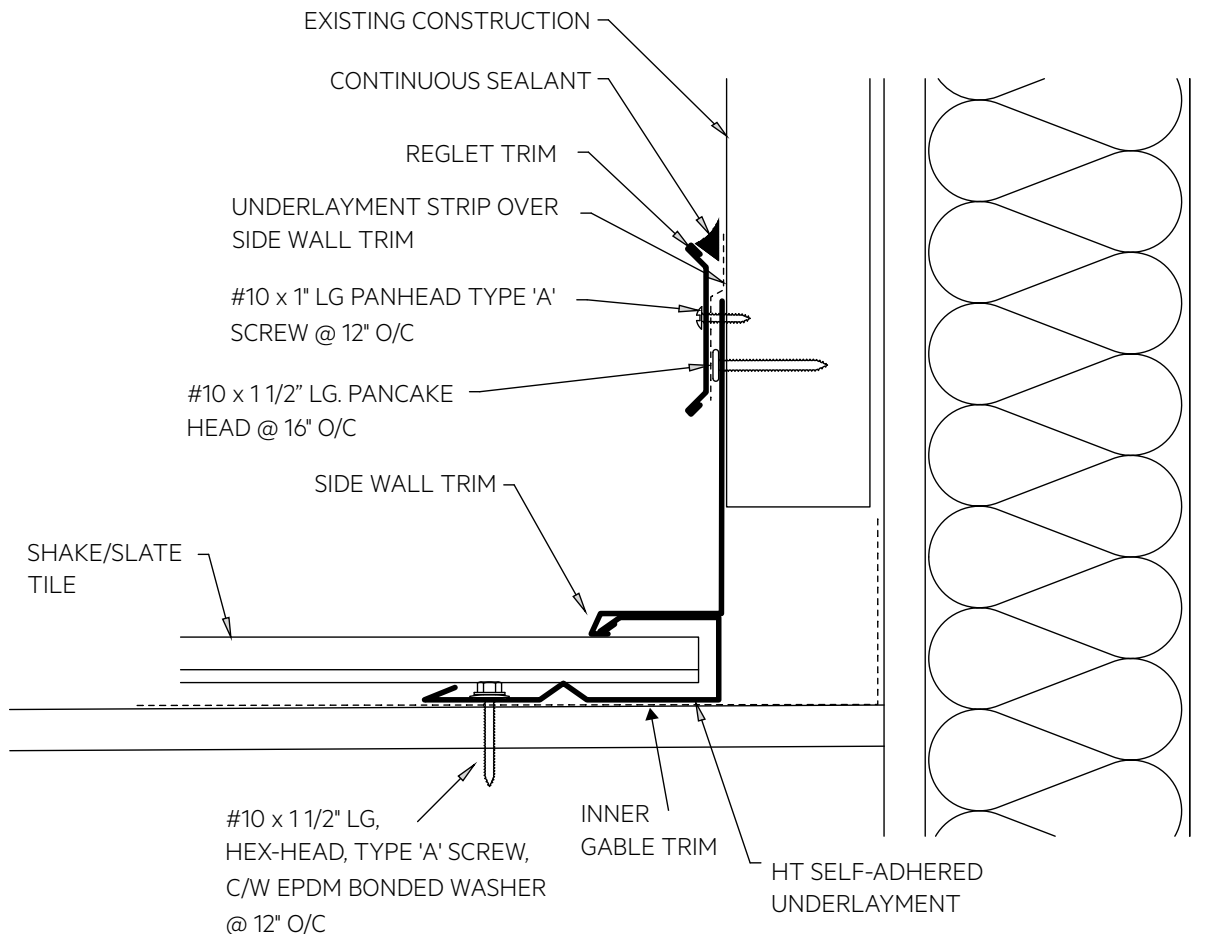
### SIDEWALL

#### RE-ROOF / EXISTING WALL CONSTRUCTION

1. Ensure that high temperature self-adhered underlayment is installed at wall to roof transition as required.
2. Install inner gable trim along the existing sidewall and attach in the outer trough at every 12" with #10 x 1 1/2" LG, HEX-HEAD, TYPE 'A' SCREW, C/W WITH BONDED WASHER.
3. Hook side wall trim tight onto inner gable and fasten to the sidewall every 16" using #10 x 1 1/2" LG. PANCAKE HEAD.
4. Apply underlayment strip over side wall trim and onto the face of existing sidewall.
5. Install reglet trim over the underlayment strip and fasten every 12" using #10 x 1" LG PANHEAD TYPE 'A' SCREW.
6. Apply continuous Urethane/silicone sealant along the top edge of the reglet trim.
7. Slide tiles into the inner gable trim.

PLEASE REFERENCE PAGE 37 FOR SIDE / END WALL OVERLAP DETAILS

PLEASE REFERENCE PAGE 38 FOR REGLET TRIM DETAILS



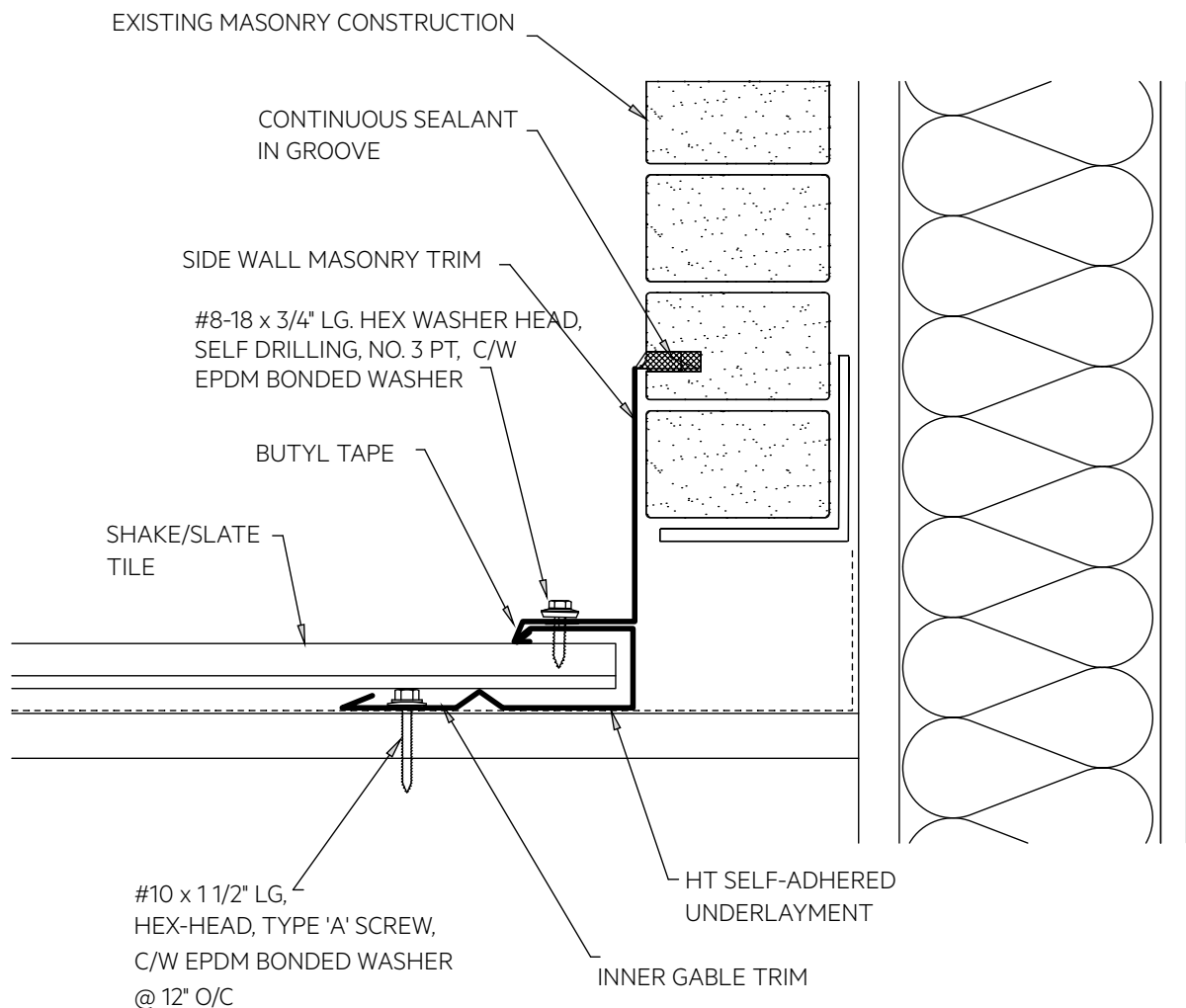
## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### SIDEWALL

### RE-ROOF / EXISTING MASONRY CONSTRUCTION

1. Ensure that high temperature self-adhered underlayment is installed at wall to roof transition as required.
2. Install inner gable trim along the existing sidewall and attach in the outer trough every 12" #10 x 1 1/2" LG, HEX-HEAD, TYPE 'A' SCREW, C/W EPDM BONDED WASHER
3. Cut groove in masonry for side wall masonry trim installation.
4. Apply continuous sealant along groove in masonry and apply butyl tape on top of inner gable trim.
5. Hook side wall masonry trim over inner gable and embed into sealant in the masonry groove.
6. Fasten side wall masonry trim to inner gable with pop-rivets at every 24".
7. Slide tiles into the inner gable trim.

PLEASE REFERENCE PAGE 37 FOR SIDE / END WALL OVERLAP DETAILS

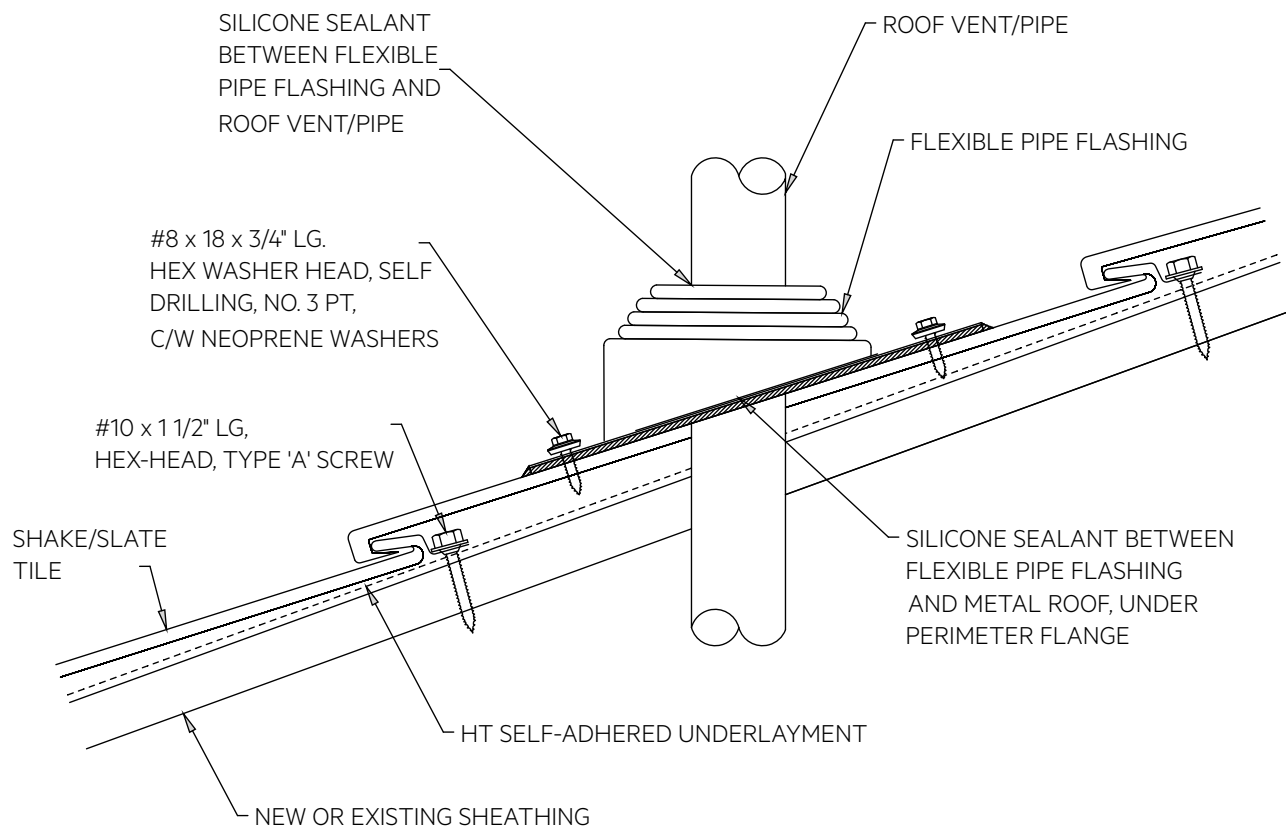


## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### ROOF VENT/PIPE DETAIL

1. Measure size of pipe/stack and cut required diameter of boot to suit.
2. Install self-adhered underlayment around the perimeter of the base of the pipe/stack.
3. Apply a generous amount of sealant from the topside of the pipe/stack forming the shape of a “U”.
4. Install the flexible pipe flashing following the manufactures installation guideline.

Potential use of a snow break may be required over the pipe or stack. Please consult your local representative for more information.



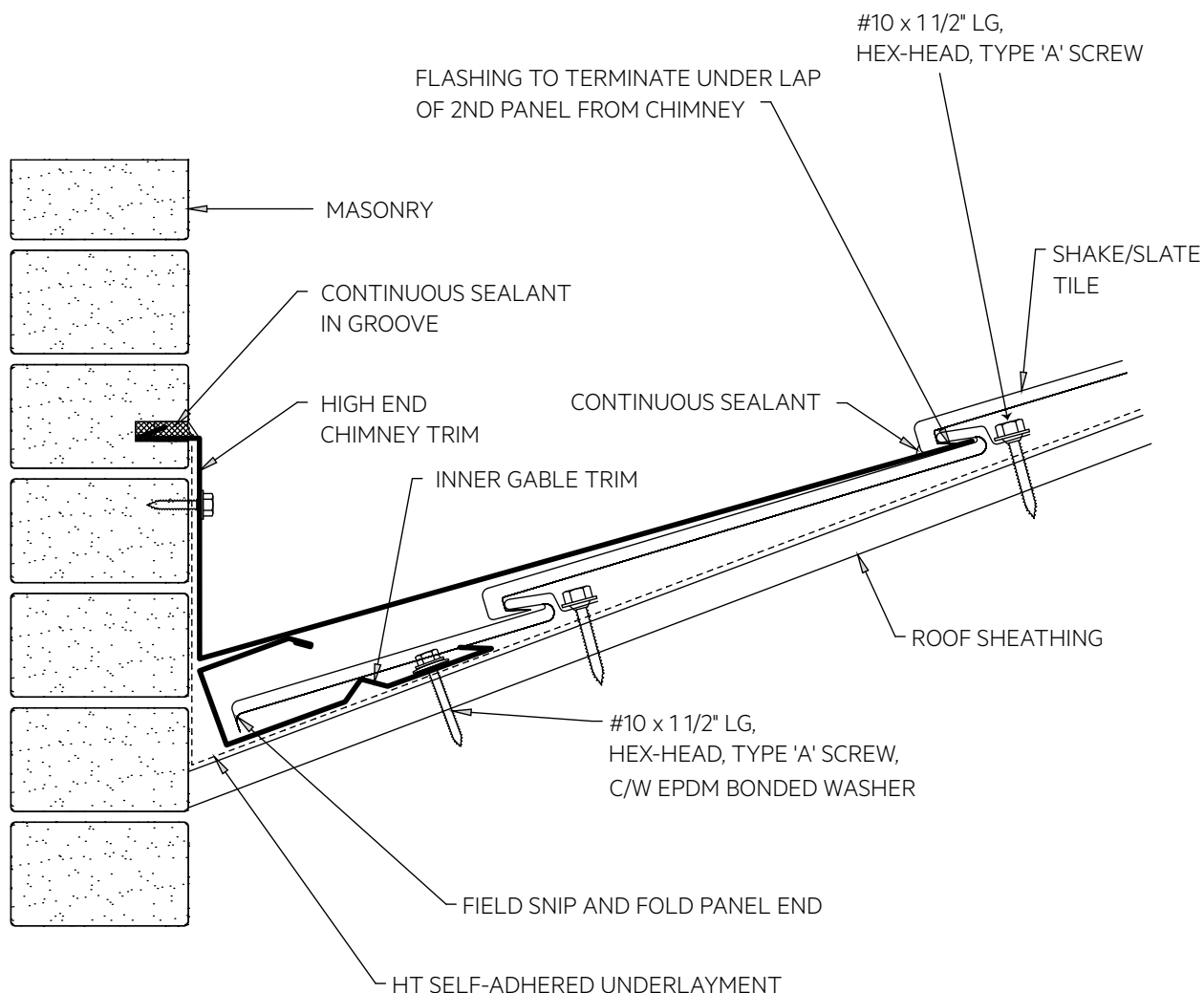


## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### CHIMNEY HIGH END DETAIL

1. Ensure that high temperature self-adhered underlayment is installed up the masonry wall.
2. Install inner gable trim against the masonry wall and attach in the outer trough at every 24" and fasten in the outer trough using #10 at 2" inside the chimney edge using #10 x 1 1/2" LG, HEX-HEAD, TYPE 'A' SCREW, C/W EPDM BONDED WASHER
3. Cut groove in masonry for high end chimney trim installation.
4. Install tiles into the inner gable.
5. Apply continuous sealant along masonry groove.
6. Install high end chimney trim into lap of second tile course and embed into sealant in the masonry. Fasten to masonry with standard masonry screws every 12" O/C.
7. Apply continuous sealant at the high end chimney trim at the tile lap.
8. Refer to 'Chimney Trims Installation Steps' for sealant locations at masonry trims intersections at chimney corners.

PLEASE REFERENCE PAGE 37 FOR SIDE / END WALL OVERLAP DETAILS

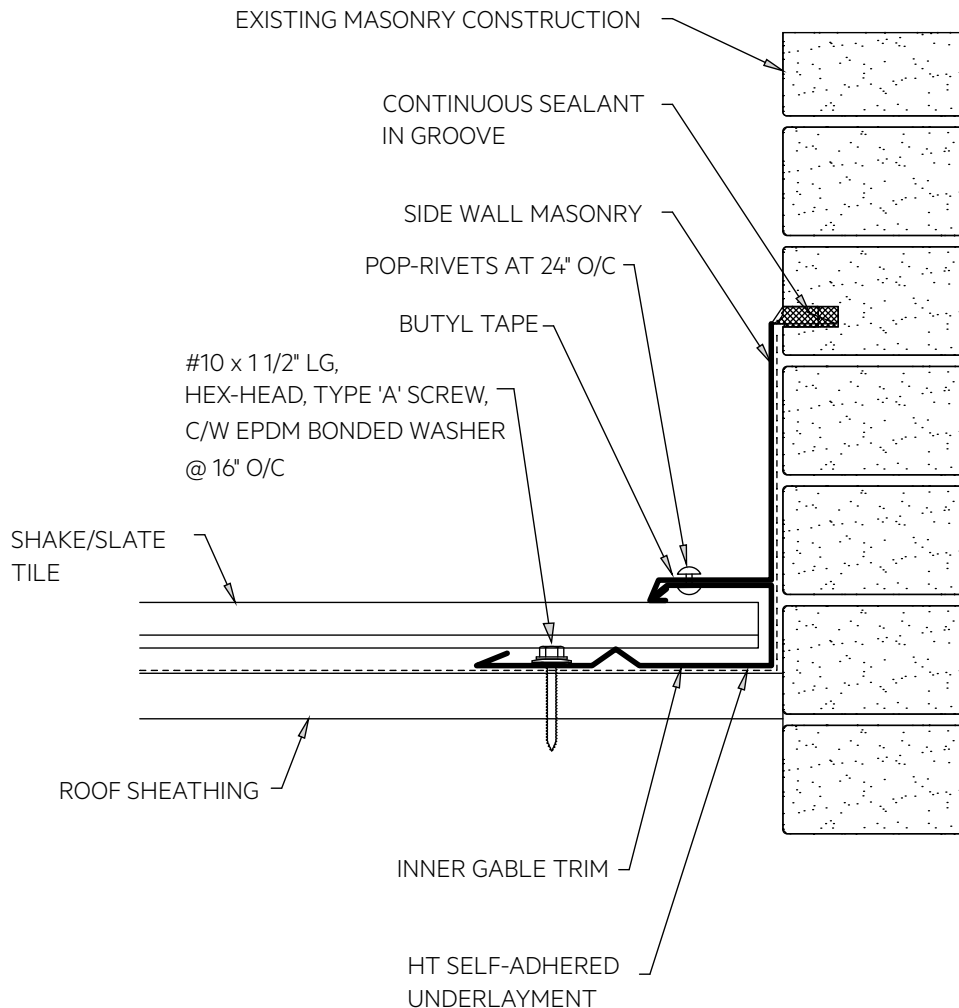


## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### CHIMNEY SIDEWALL DETAIL

1. Ensure that HT Self-adhered underlayment is installed at the roof to chimney transition as required.
2. Install inner gable trim along the chimney sidewall and attach in the outer trough every 16" using #10 x 1 1/2" LG, HEX-HEAD, TYPE 'A' SCREW, C/W EPDM BONDED WASHER
3. Cut groove in masonry for side wall masonry trim installation.
4. Apply continuous sealant along groove in masonry and butyl tape on top of inner gable trim.
5. Hook side wall masonry trim over inner gable and embed into sealant in the masonry groove.
6. Fasten side wall masonry trim to inner gable with pop-rivets at every 24".
7. Slide tiles into the inner gable trim.

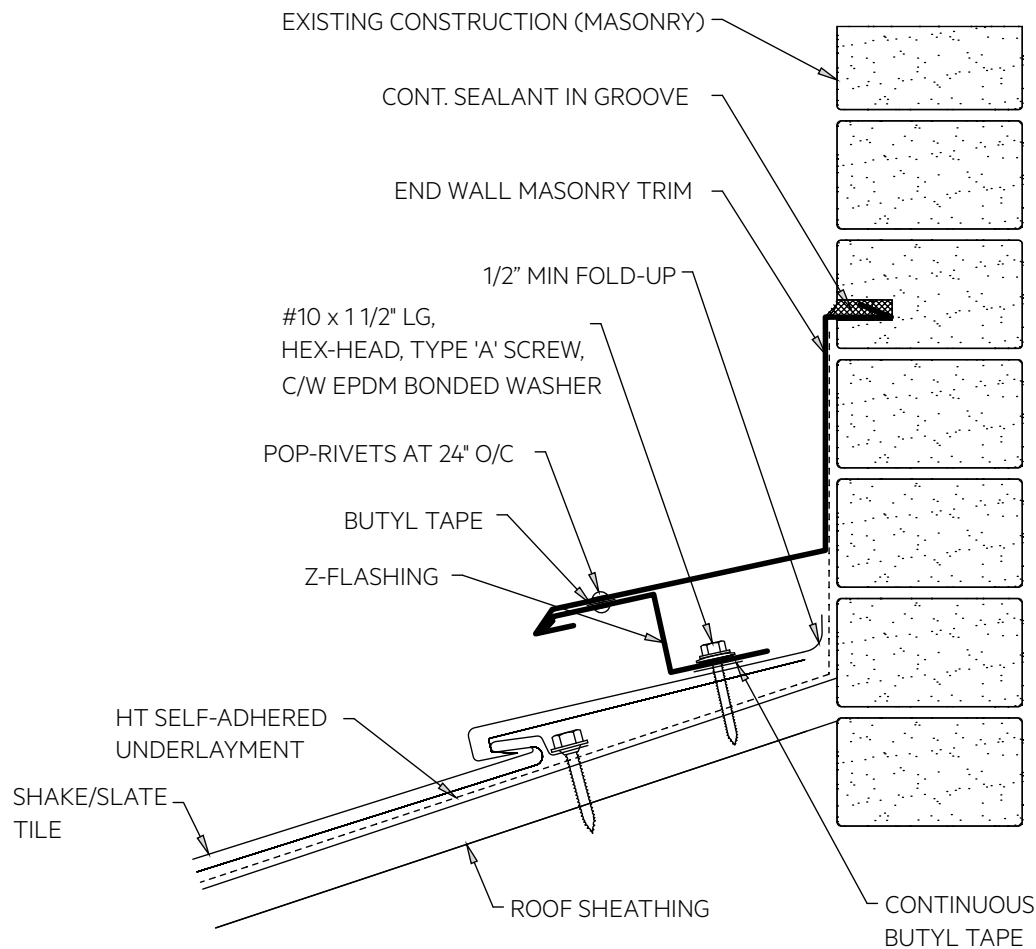
PLEASE REFERENCE PAGE 37 FOR SIDE / END WALL OVERLAP DETAILS



## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### CHIMNEY LOW END DETAIL

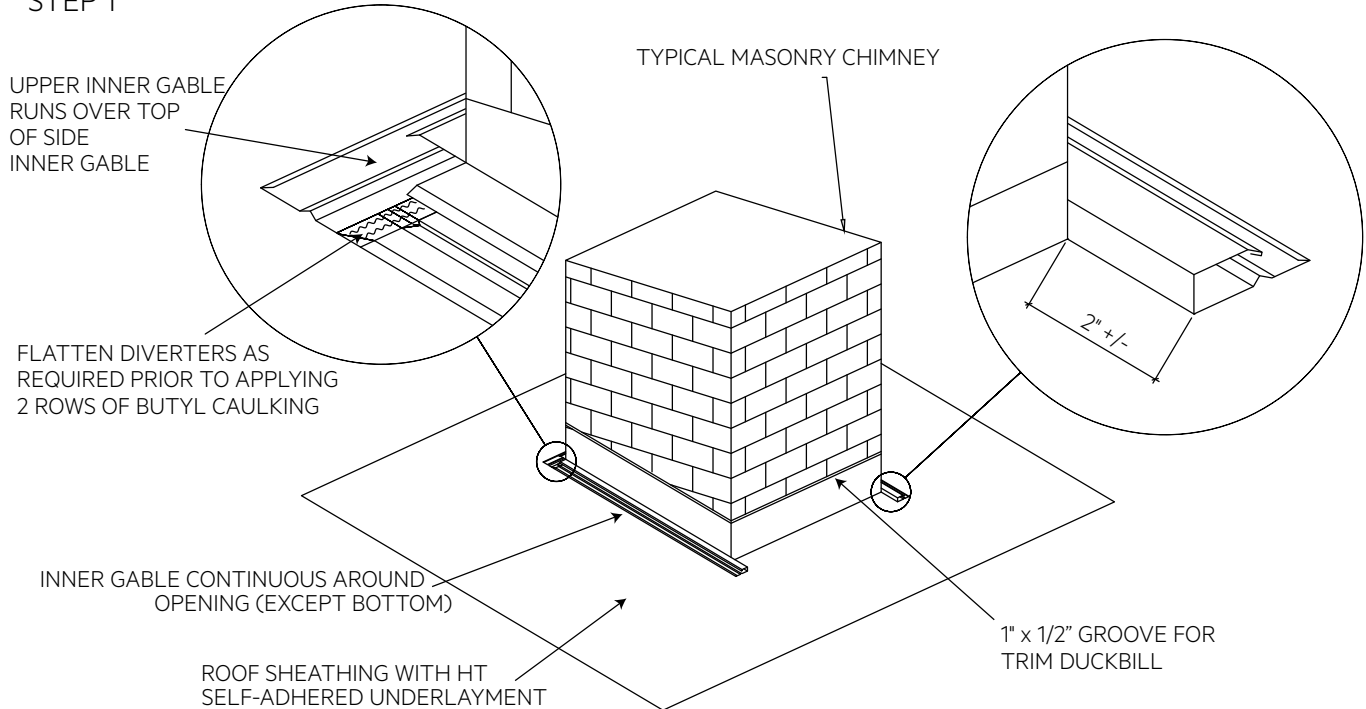
1. Ensure that high temperature self-adhered underlayment is installed at roof to chimney transition as required.
2. Measure and cut tile with a min 1/2" fold up at the base of the wall .
3. Apply butyl tape at bottom of the Z-flashing, set the Z-flashing on top of tile and fasten into plywood with 7 equally spaced #10 x 1 1/2" LG, HEX-HEAD, TYPE 'A' SCREW, WITH EPDM BONDED WASHER fasteners per tile.
4. Cut groove in masonry for end wall masonry trim installation.
5. Apply continuous sealant along groove in masonry, and apply butyl tape on top of Z-flashing.
6. Hook end wall masonry trim over Z-flashing and embed into sealant in the masonry groove.
7. Fasten end wall masonry trim to Z-flashing with pop-rivets every 24".



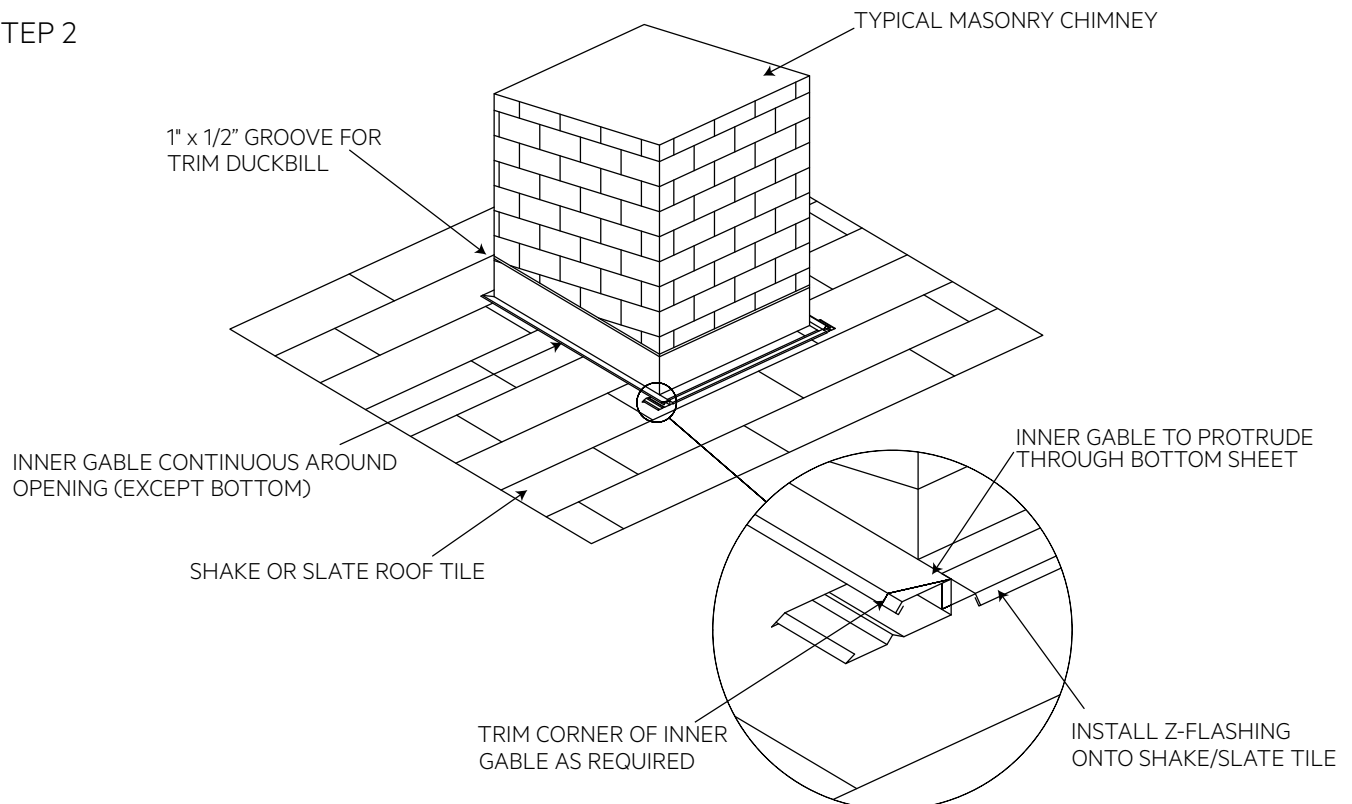
## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### CHIMNEY TRIMS INSTALLATION

#### STEP 1



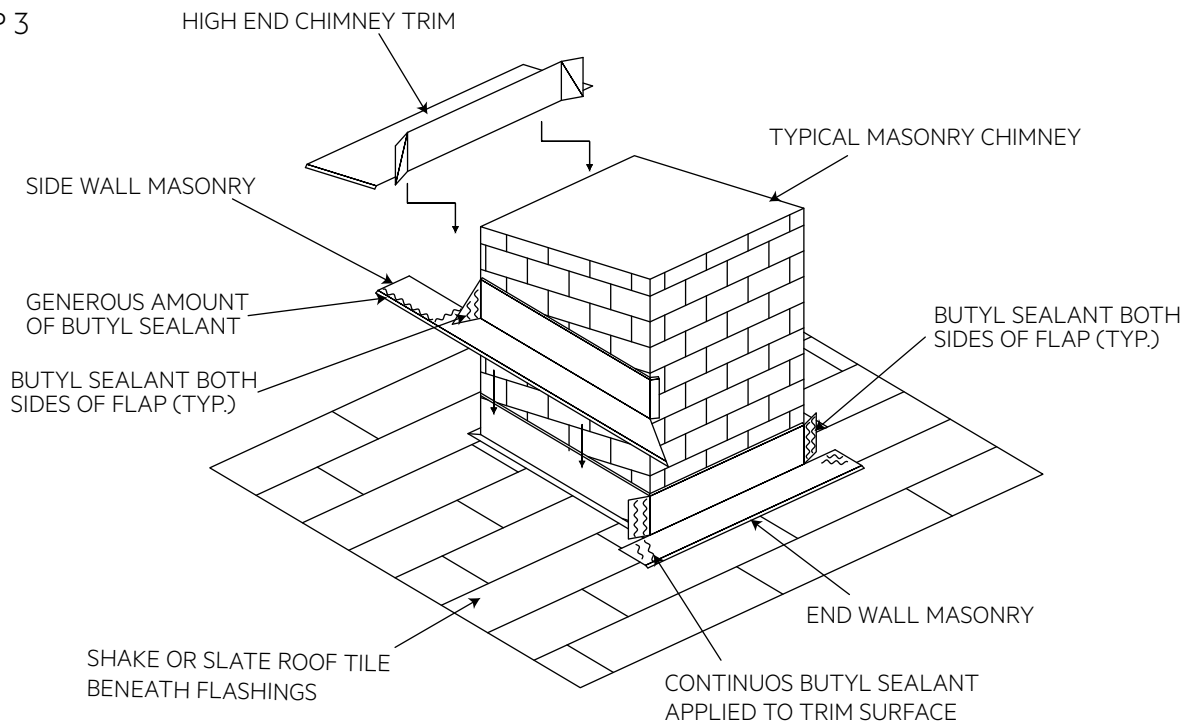
#### STEP 2



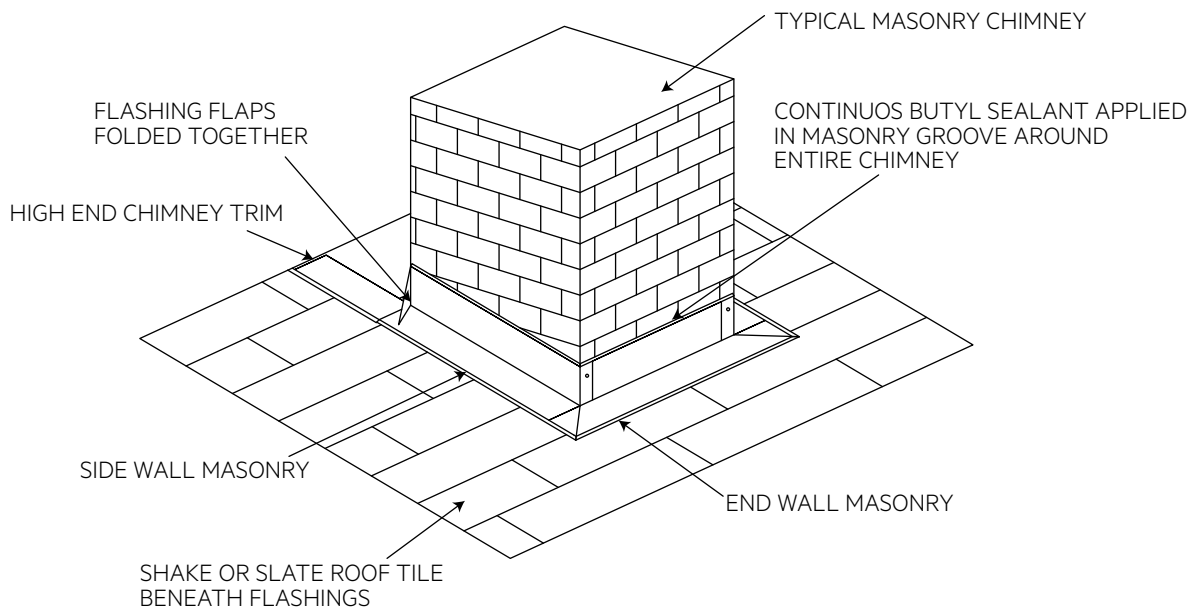
## CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

### CHIMNEY TRIMS INSTALLATION

#### STEP 3



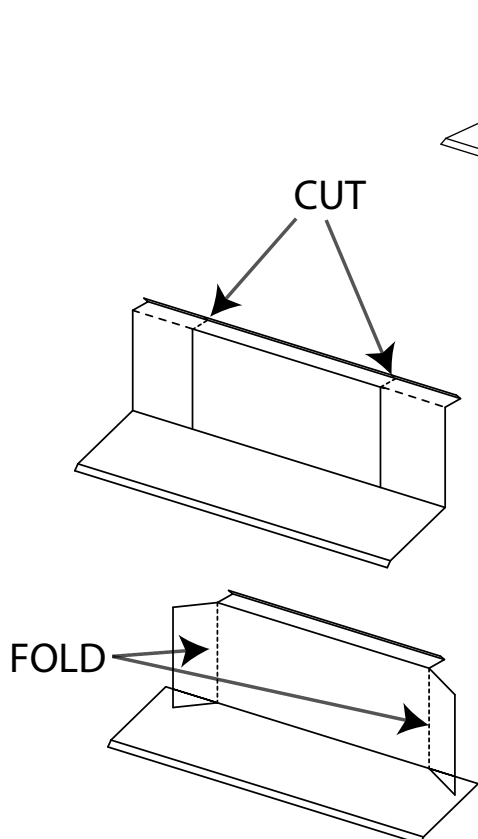
#### STEP 4



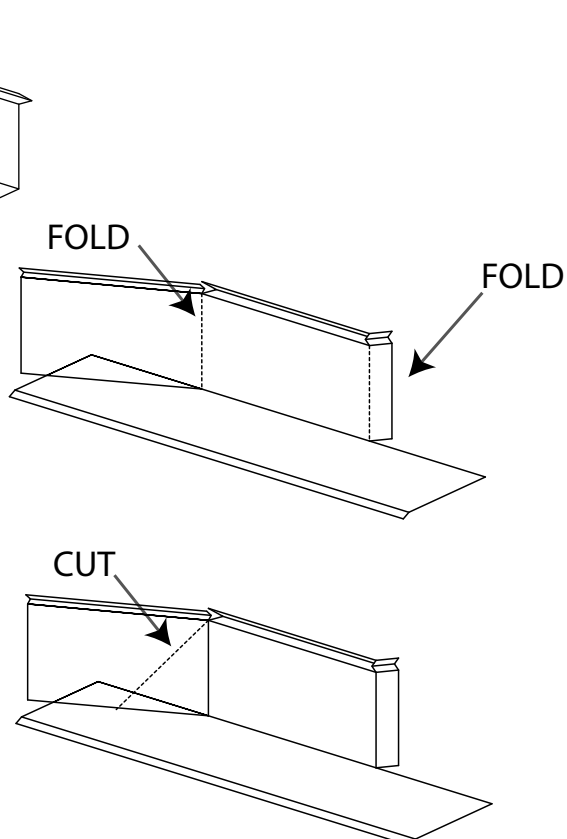
**CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE**

**CHIMNEY TRIMS CUTTING/BENDING**

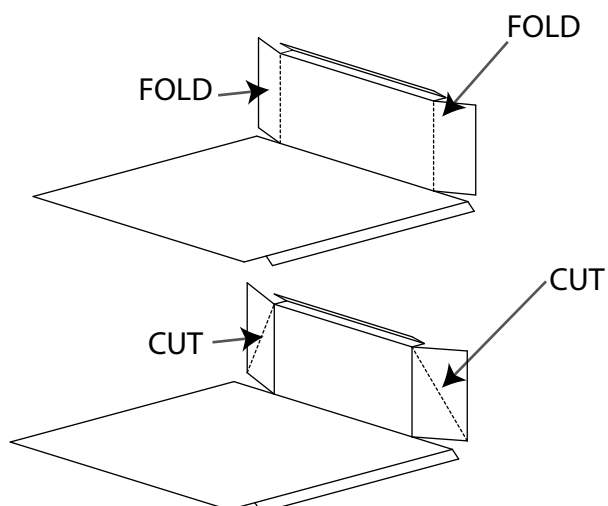
**CHIMNEY TRIMS AT BOTTOM**



**CHIMNEY TRIMS AT SIDE WALL**

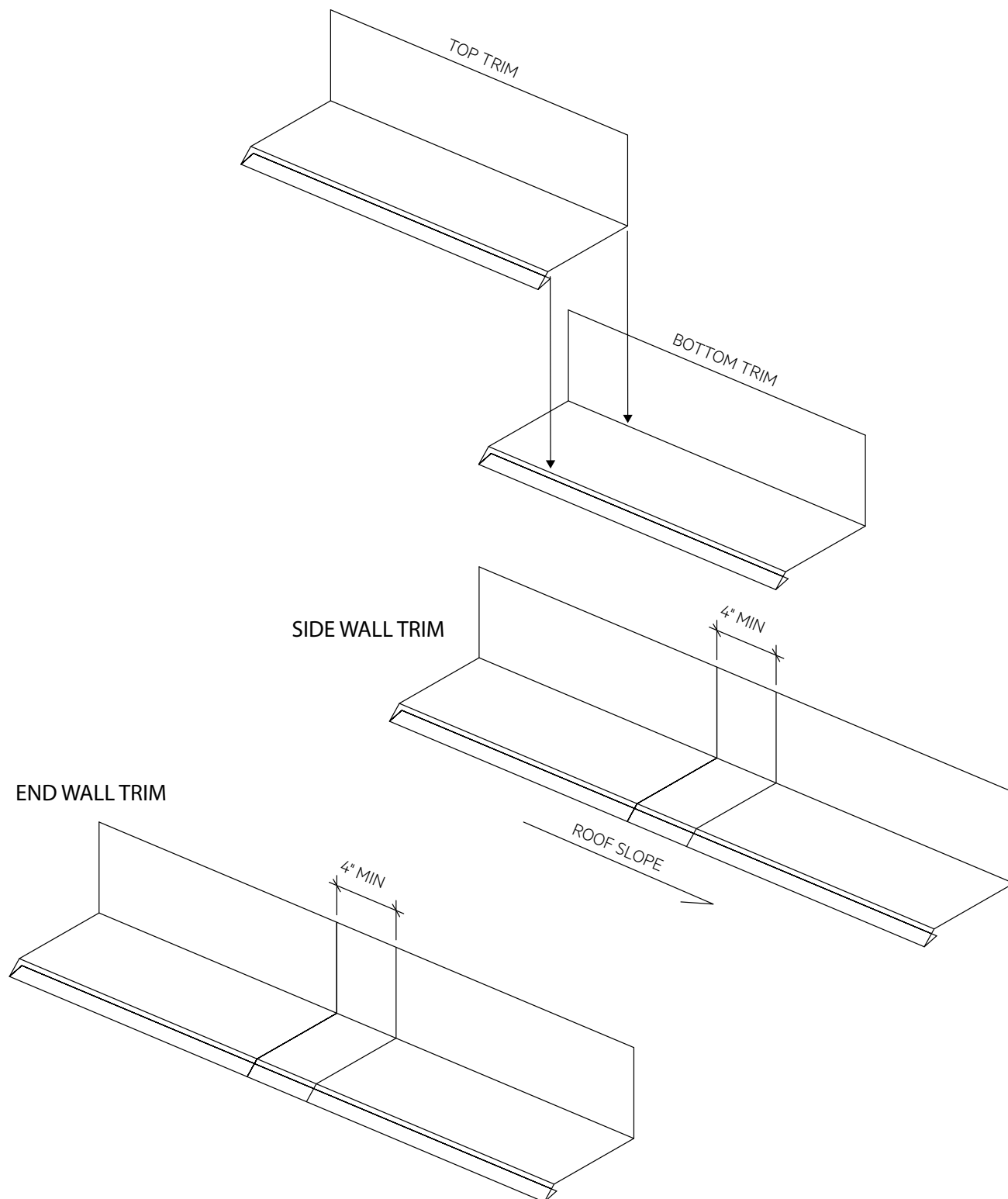


**CHIMNEY TRIMS ON HIGH END**



**CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE**

**SIDE / END WALL OVERLAP**



**CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE**

**REGLET TRIM**

