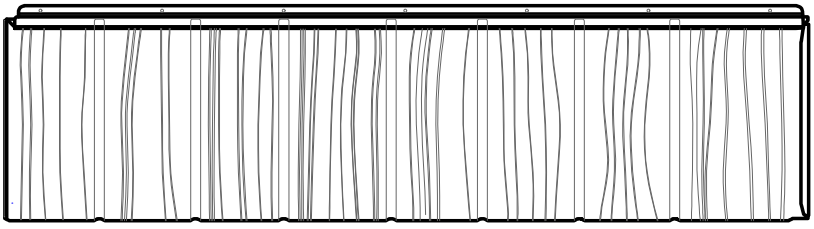
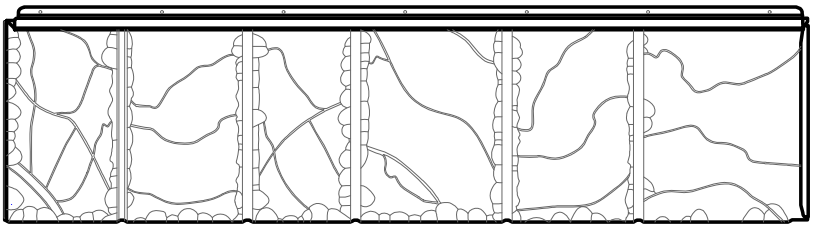
TRUE NATURE

METAL ROOF SHINGLES SYSTEM

INSTALLATION GUIDELINES



CEDAR CREEK™ SHAKE



NORTH RIDGE™ SLATE

To ensure you are viewing the most recent and accurate product information, please scan the QR code or visit the product page on our website.
Vicwest Inc. reserves the right to amend product specifications without prior notice. Product specifications shown in this document should not be taken as being available in all regions. Recommendations for the uses described herein should be verified for suitability and compliance with actual requirements of any local building codes, applicable laws and regulations.

vicwest-shake-slate-install-guide-res-en-ca-us
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Learn more about our Planet Passionate strategy. Visit vicwest.com/ca/en/planet-passionate

vicwest PLANET PASSIONATE

TRUE NATURE

METAL ROOF SHINGLES - CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

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TRUE NATURE

METAL ROOF SHINGLES - CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

IMPORTANT NOTCE

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.

SAFETY

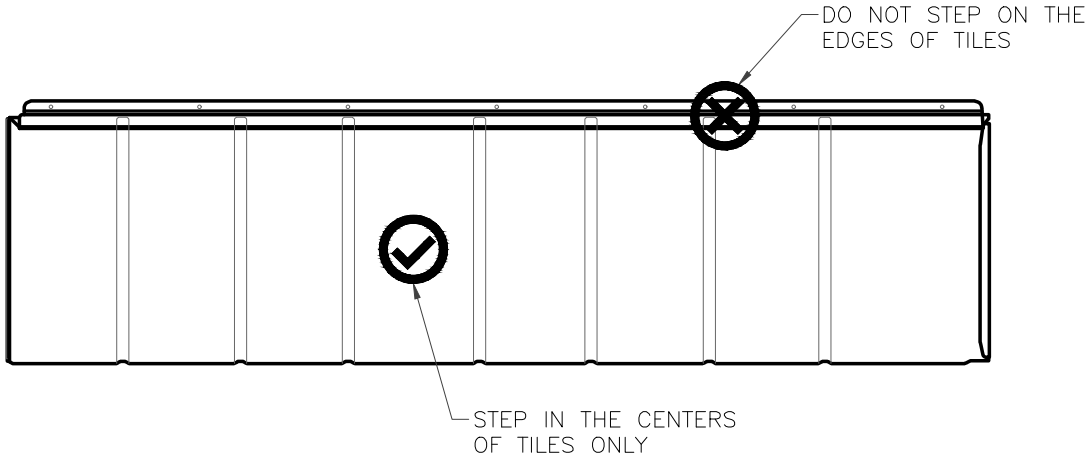
Follow all governmental safety guidelines. The installer/owner of the roof system is responsible to adhere to safe installation practices made mandatory by provincial and/or local ordinances as well as good construction practices. Wearing of appropriate clothing, protective eyewear, light soft-soled 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.

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.

WALKABILITY

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.
STEP on the low rib only.
DO NOT step on the high rib to avoid denting the tile.



WARRANTY

Please refer to www.vicwest.com for warranty information on the Shake and Slate tile and register your warranty when your project is completed.

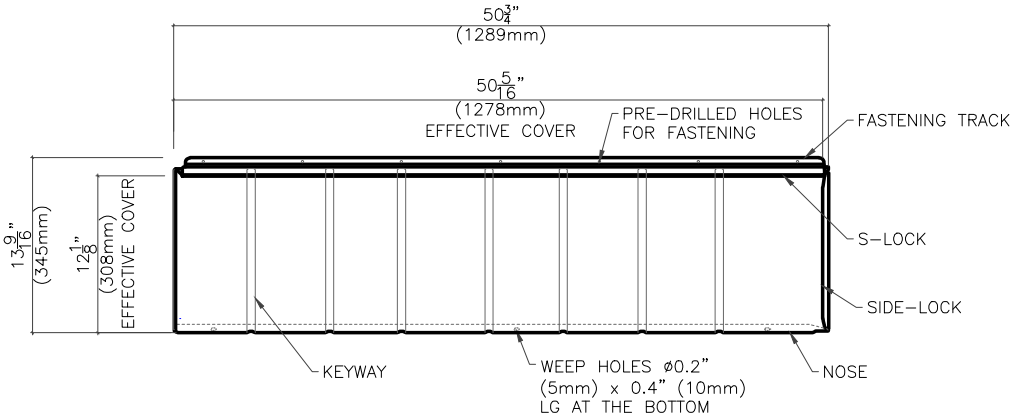
TRUE NATURE

METAL ROOF SHINGLES - CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

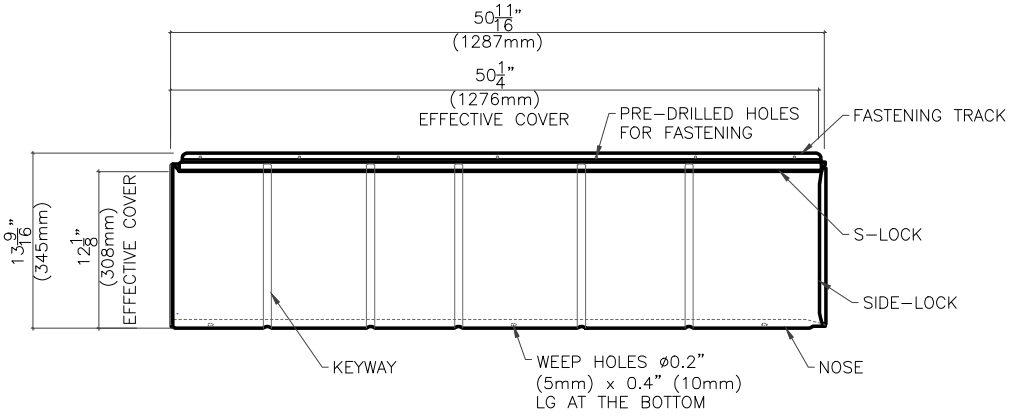
PRODUCT OVERVIEW

Installed Coverage/Exposure Size:	12” x 50” (305mm x 1270mm) / tile
Installed Coverage/Exposure Area:	4.17 sqft (0.39m^2) / tile (24 tiles per square)
Installed Weight:	28ga - 3.36 lbs (1.52 kg) / tile & 81 lbs (37 kg) per square
	26ga - 4.66 lbs (2.11 kg) / tile & 112 lbs (51 kg) per square
Tile Depth:	9/16” (14.3mm) at the tile nose
Material:	28ga (0.015” / 0.38mm), Grade 33 (230), galvalume coated steel
	26ga (0.018” / 0.46mm), Grade 33 (230), galvalume coated steel

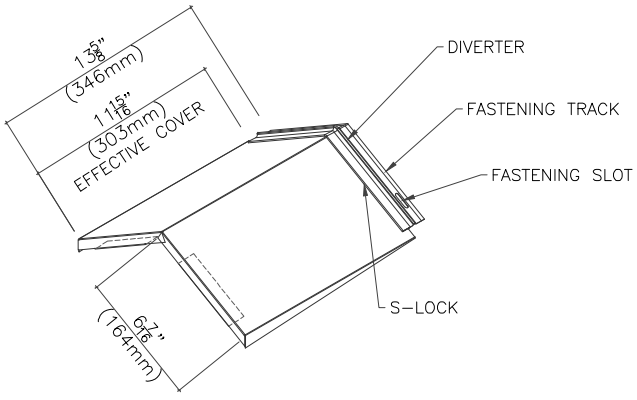
SHAKE



SLATE



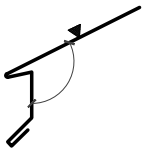
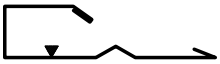
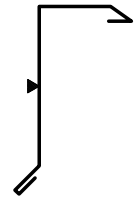
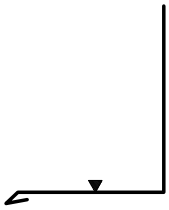
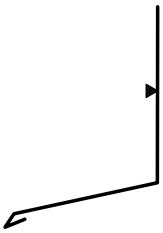
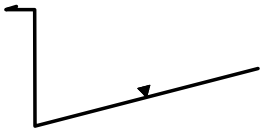
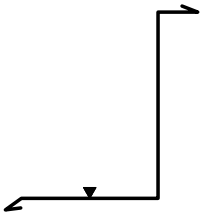
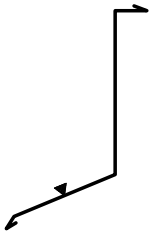
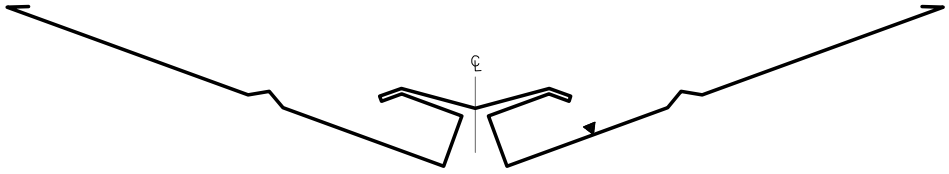
RIDGE/HIP CAP



TRUE NATURE

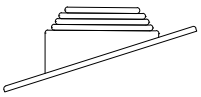
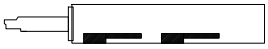
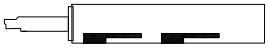
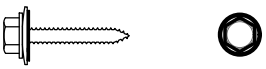
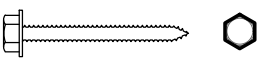
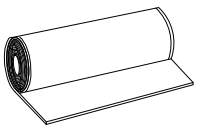
METAL ROOF SHINGLES - CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

TRIMS

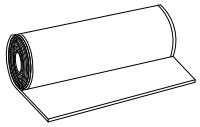
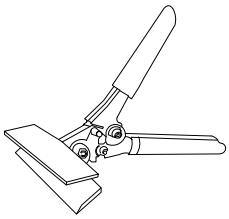
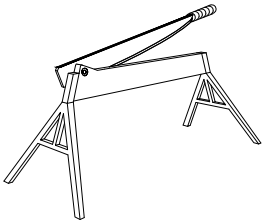
 EAVE	 INNER GABLE	 OUTER GABLE
STARTER	Z-FLASHING	REGLET
 SIDEWALL	 ENDWALL	 HIGH END CHIMNEY
 SIDE WALL MASONRY	 END WALL MASONRY	
 VALLEY		
PREPAINTED/EXPOSED SIDE	Flashings are 10'-0" (3048mm), 28ga and 26ga, Grade 33 (230), Galvalume coated steel	

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.

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' (16mm x 292mm x 6100mm) 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' (3.2mm x 13mm x 7620mm LG.)
6	FOAM SEALER		CLOSED CELL 3/4" x 1" x 19'-10 3/16" LG. (19mm x 25mm x 6050mm LG.)
7	#10 x 1" (25mm) LG PANHEAD, QUADREX PHILIPS/ROBERTSON DRIVE, SELF TAPPING, TYPE 'A'		EXPOSED FASTENER, ZINC-PLATED COLOUR MATCHED
8	#10 x 1 1/2" (38mm) LG. PANCAKE HEAD, SELF TAPPING, TYPE 'A'		HIDDEN FASTENER, ZINC PLATED
9	#10 x 1 1/2" (38mm) LG. HEX WASHER HEAD, SELF TAPPING, TYPE 'A'		HIDDEN FASTENER, ZINC PLATED
10	#10 x 1 1/2" (38mm) LG. HEX WASHER HEAD, SELF TAPPING, TYPE 'A' C/W EPDM BONDED WASHER		HIDDEN FASTENER, ZINC-PLATED OR EXPOSED FASTENER, ZINC-PLATED COLOUR MATCHED
11	#8-18 X 3/4" (19mm) LG. HEX WASHER HEAD, SELF-DRILLING, NO. 2PT C/W EPDM BONDED WASHER		EXPOSED FASTENER, ZINC-PLATED COLOUR MATCHED
12	#10 x 3" (76mm) LG. HEX WASHER HEAD, SELF TAPPING TYPE 'A'		HIDDEN FASTENER, ZINC PLATED
13	HT SELF-ADHERED UNDERLAYMENT		HIGH PERFORMANCE SELF-ADHESIVE, HIGH TEMPERATURE UNDERLAYMENT FOR METAL ROOFS

ACCESSORIES

	ACCESSORY	IMAGE	DESCRIPTION
14	SYNTHETIC UNDERLAYENT		HIGH STRENGTH WOVEN SYNTHETIC ROOF UNDERLAYMENT.
15	TSHD TURBO SHEAR (V054096)		FITS ALL HAND DRILLS.
16	FOLDING TOOL		FOR SMALL AREAS
17	TRUE CUT SHEAR		FOR CUTTING METAL TILES
RECOMMENDED TOOLS: CORDLESS DRILL, CIRCULAR SAW, TIN SNIPS, CHALK LINE, SQUARE, TAPE MEASURE.			

ROOF PREPARATION

Roof Slope
Shake and Slate tiles to be used on 3:12 roof slope or greater.
Refer to underlayment requirements below for roof slopes at 3:12 and greater than 4:12.
For roof slopes below 3:12 contact Vicwest representative.

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" (13mm) 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.

ROOF PREPARATION

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 and to ensure that the condition of the existing shingles is appropriate for installation of Shake and Slate roof tiles over top

Prior to installation:

- Always check with your local building code officials prior to installation
- Trim back any overhanging shingles on eaves and gables
  - o Option for better fit would be to remove shingles on gable matching the width of the new trim - approximately 4” (102mm) from gable edge
  - o Option to remove 3’-0" (914mm) 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 synthetic underlayment. Check manufacturer's underlayment specifications for compatibility with the roof specific application.
- Continue to follow installation instruction on trims and True Nature Metal Tiles

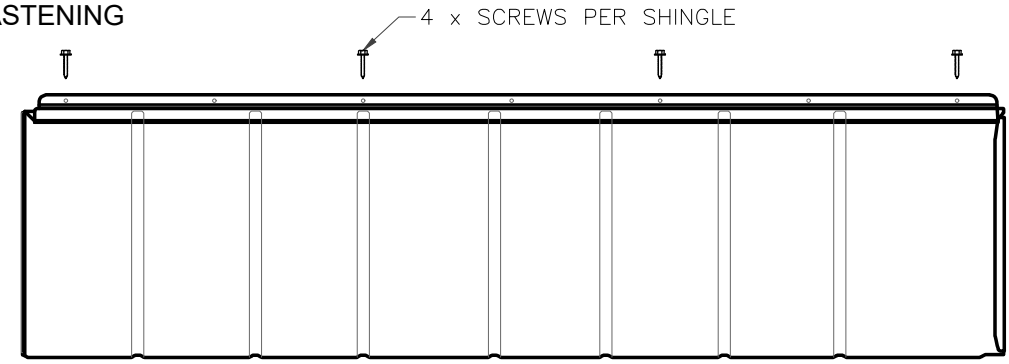
When NOT to install over existing asphalt

- 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

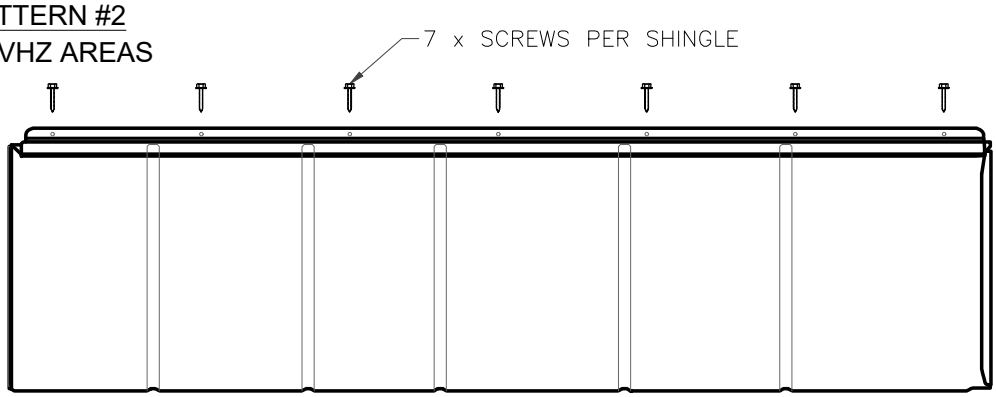
FASTENING

- Fasten panels to specified wood deck with #10 x 1 1/2” (38mm) LG. HEX HEAD, SELF TAPPING, TYPE ‘A’ screws.
- Smaller cut panels to be attached with minimum 2 fasteners.
- Self-tapping screws must penetrate the wood sheathing by minimum 3/8” (10mm) below the sheathing.
- Self-drilling screws must penetrate beyond metal substrate a minimum of 3 pitches of thread.

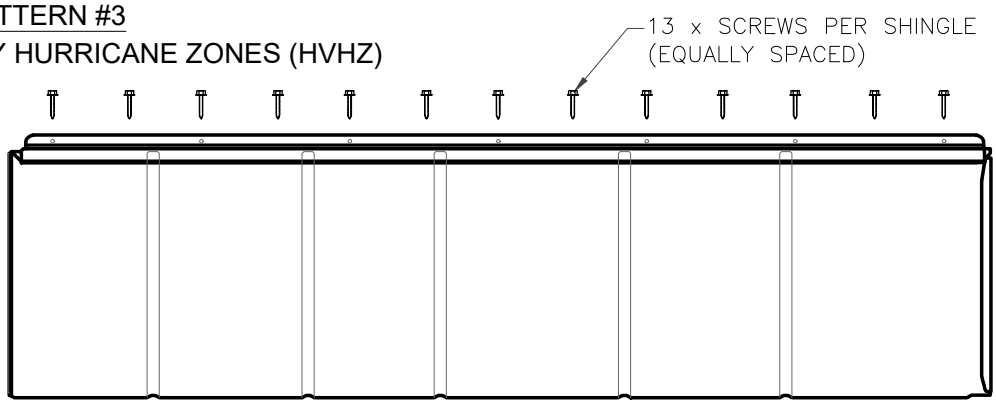
FASTENING PATTERN #1
STANDARD FASTENING



FASTENING PATTERN #2
HIGH WIND & HVHZ AREAS

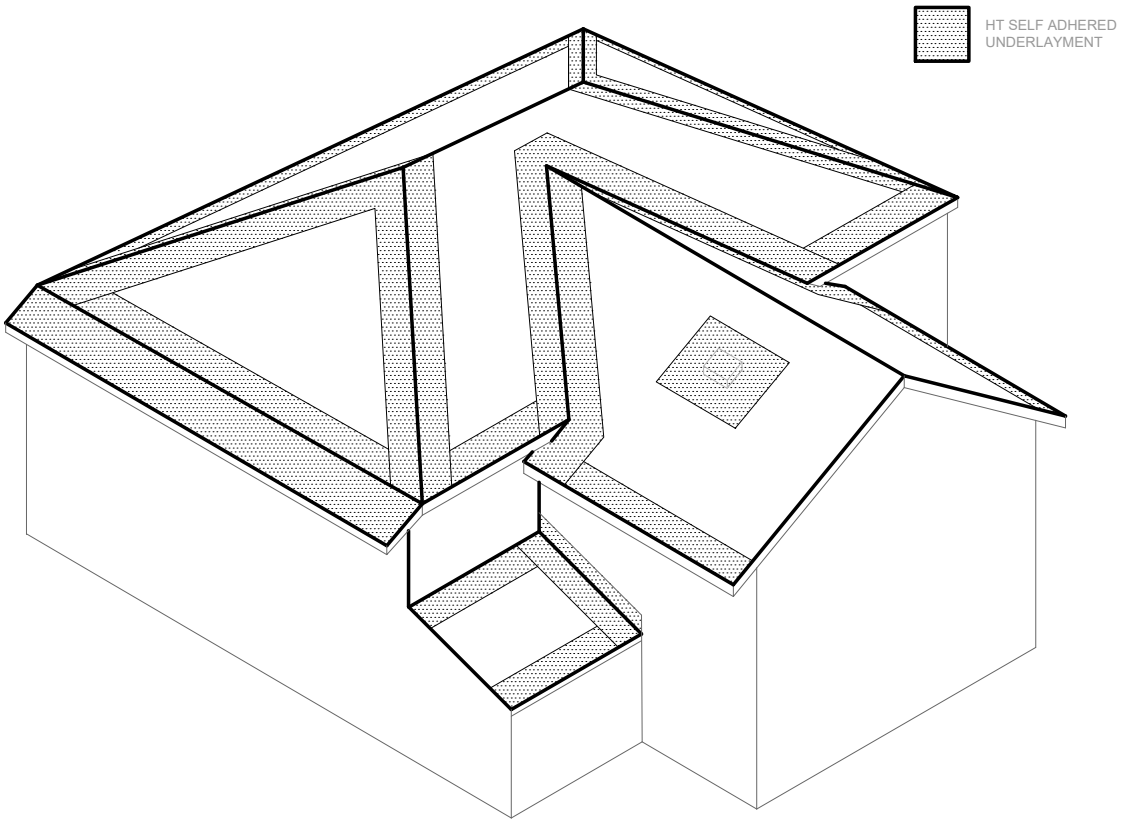


FASTENING PATTERN #3
HIGH VELOCITY HURRICANE ZONES (HVHZ)



INSTALLATION PROCEDURE SUMMARY

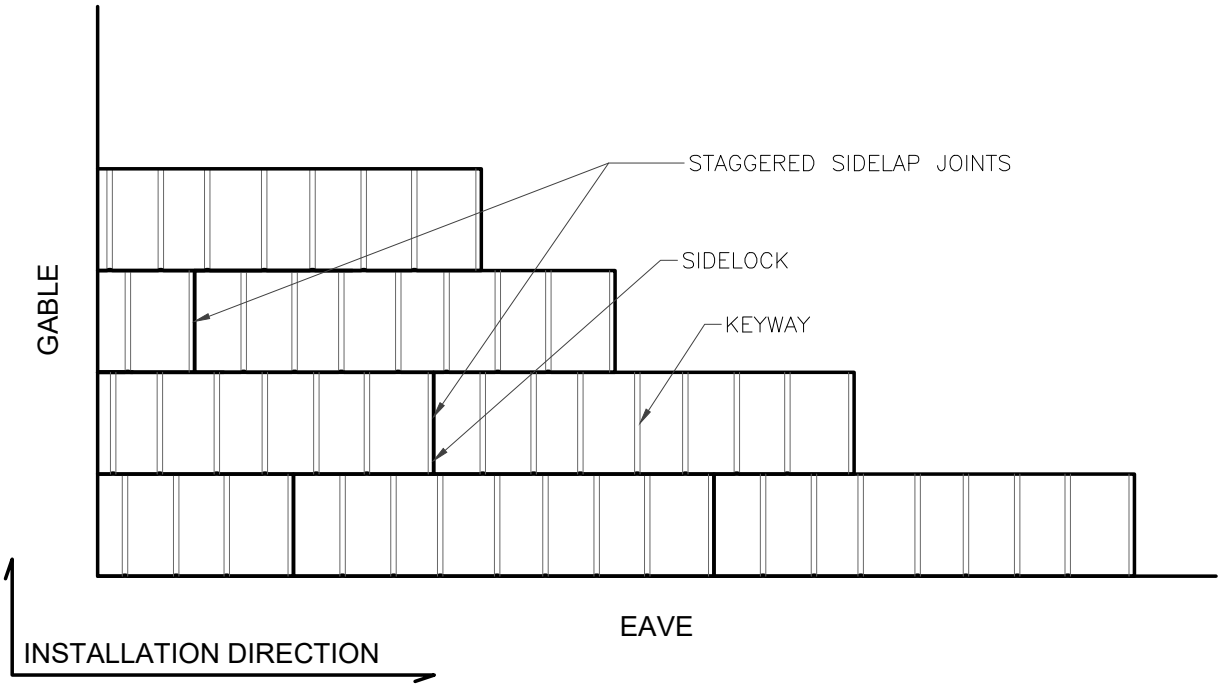
1. Check that the existing eave line is straight before starting the eave trim installation. Use a chalk line to mark a straight line across the eave if required. Do not depend on the existing roof edge to be straight or square.
2. Install eave trim.
3. Install high temperature self-adhered underlayment 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

SHAKE & SLATE STAGGERED LAYOUT

Arrange panels in a staggered patttern in such a manner that sidelock and keyways do not align between rows. Stagger sidelocks at minimum 12" (305mm). Cutoffs that are no less than 9" (229mm) wide, can be used at the beginning of the next row.



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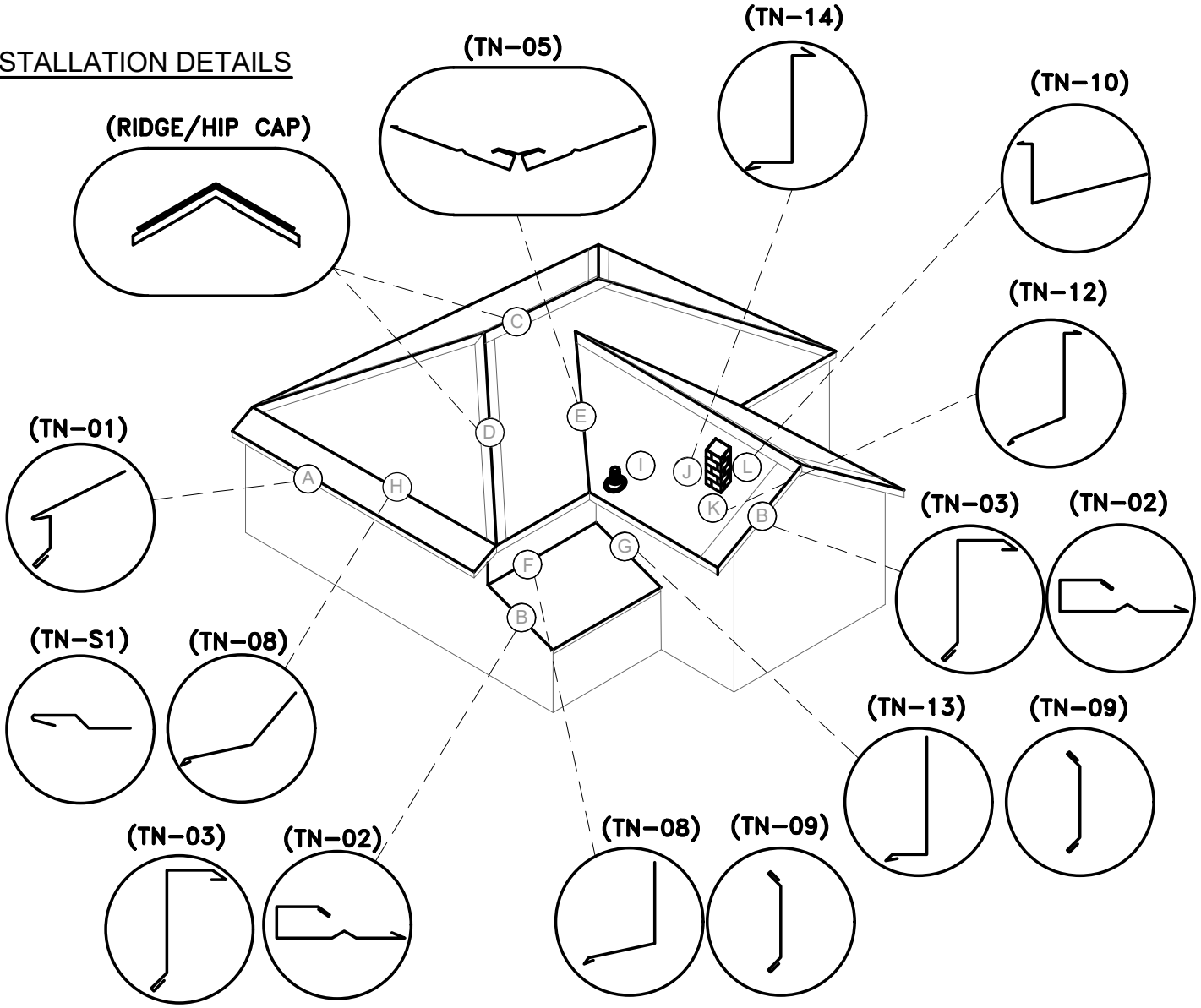
METAL ROOF SHINGLES - CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

INSTALLATION DETAILS



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

- (A) **EAVE (TN–01)**
- (B) **INNER GABLE (TN–02) & OUTER GABLE (TN–03)**
- (C) **RIDGE CAP**
- (D) **HIP CAP**
- (E) **VALLEY (TN–05)**
- (F) **ENDWALL (TN–08) with REGLET (TN–09)**
- (G) **SIDEWALL (TN–13) with REGLET (TN–09)**
- (H) **SLOPE CHANGE (TN–S1) (TN–08)**
- (I) **ROOF VENT/PIPE**
- (J) **MASONRY SIDEWALL (TN–14)**
- (K) **MASONRY LOW END (TN–12)**
- (L) **MASONRY HIGH END (TN–10)**

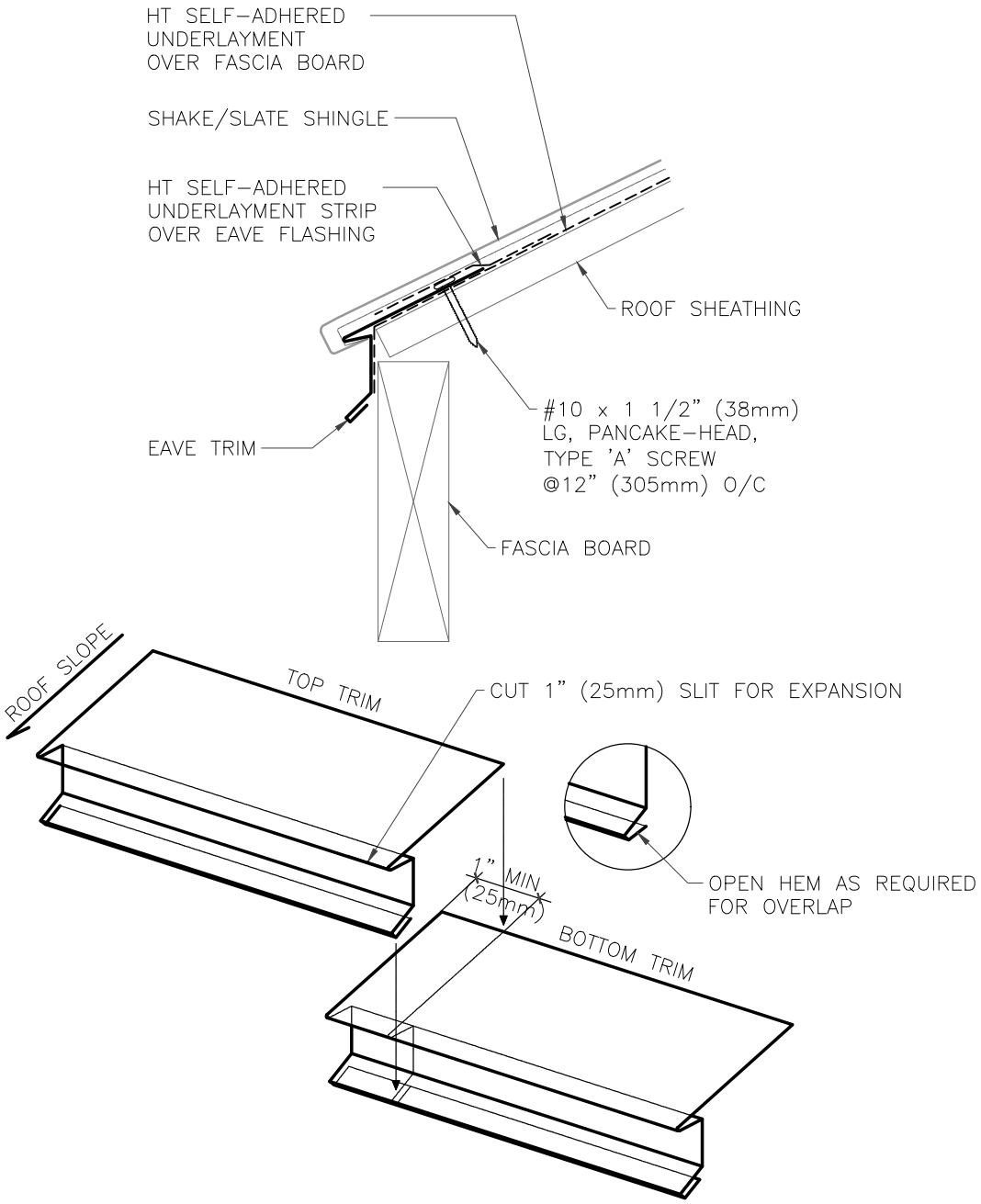
THE TRUE NATURE TRIM SYSTEM IS MANUFACTURED TO SUIT A MAJORITY OF INSTALLATION TYPES BUT ON-SITE MODIFICATIONS OF DEGREES MAY BE REQUIRED TO SUIT YOUR SPECIFIC PROJECT NEEDS. CUSTOMIZED TRIMS AND FLAT SHEETS ARE ALSO AVAILABLE.

FLASHINGS ARE 10'-0" (3048mm) LG., 28ga or 26ga, GRADE 33 (230), GALVALUME COATED STEEL

METAL ROOF SHINGLES - CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

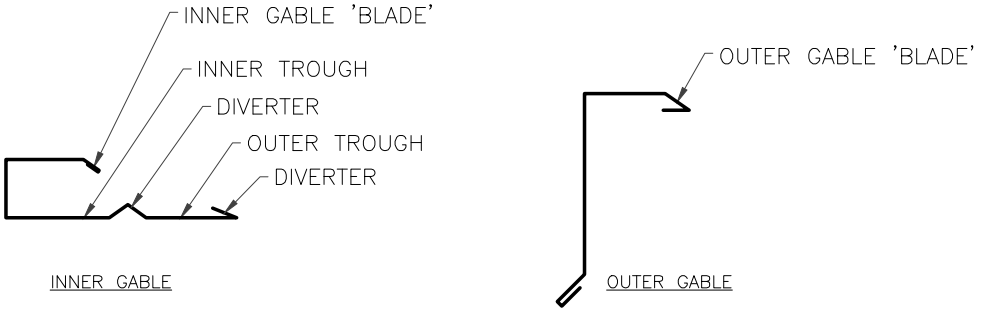
EAVE

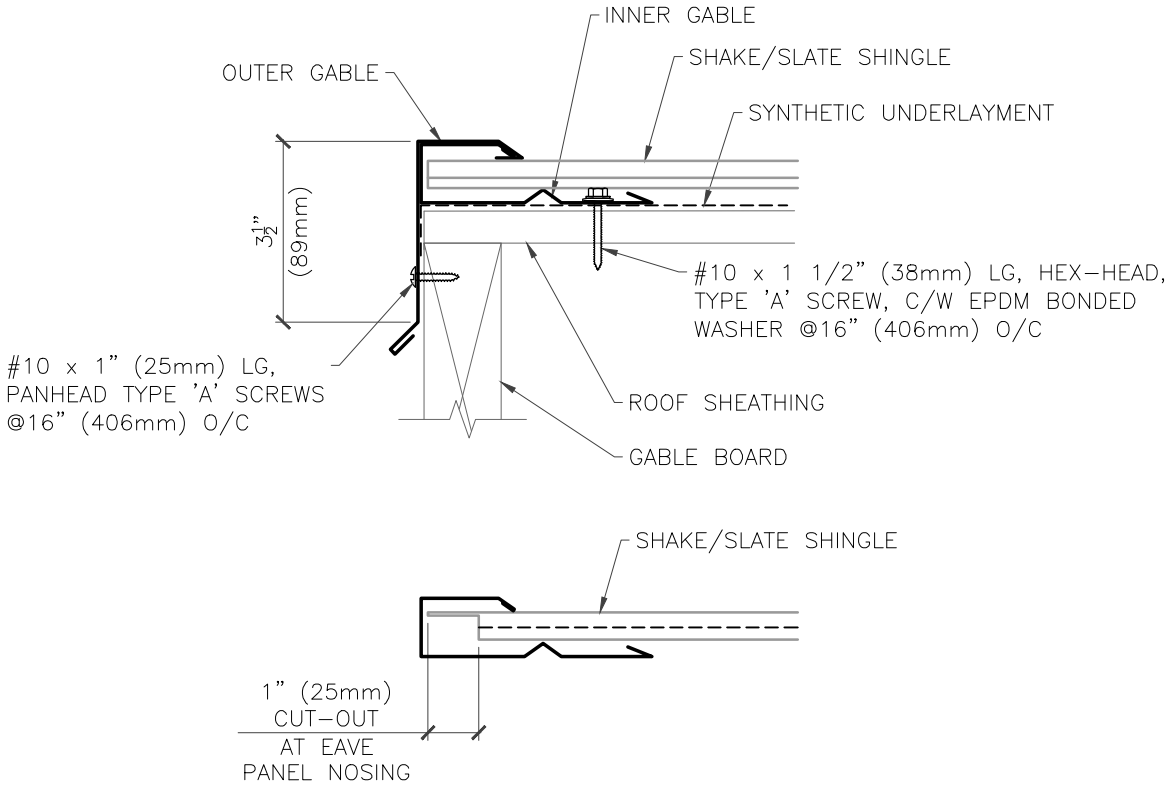
1. Install HT Self-adhered underlayment over the roof deck and extended by $\frac{3}{4}$" (19mm) max. over fascia, as per building code.
2. Eave Trim to be installed on straight line and square to ensure straight edge for the first row of roof ties. Chalk line the top position of the eave trim to accommodate the most prominent outward point of the fascia board, if required.
3. Fasten eave trim every 12” (305mm) using #10 x 1 1/2” (38mm) LG, PANCAKE-HEAD, TYPE ‘A’ SCREW.
4. Install high temperature self-adhered underlayment strip over eave trim, as per local building code.
5. Ensure that the first row of roof tile is tightly hooked over the eave trim and installed at a straight line.



GABLE

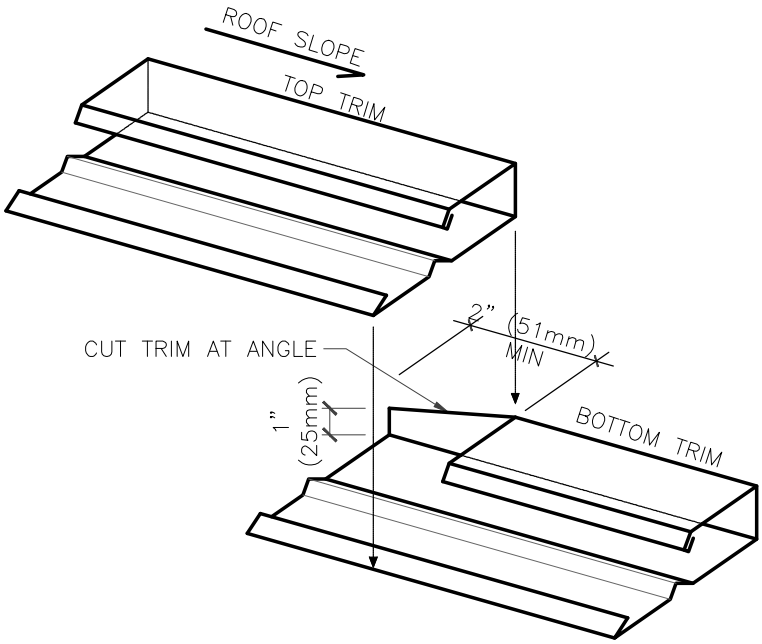
1. Position inner gable trim flush with the gable board.
2. Install inner gable trim over top of the eave trim and fasten in the outer trough at every 16” (406mm), including at overlap joints, using #10 x 1 1/2” (38mm) LG, HEX-HEAD, TYPE ‘A’ SCREW WITH EPDM BONDED WASHER. Do not screw into the inner 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” (406mm) , including at overlap joints, using #10 x 1” LG, PANHEAD TYPE ‘A’ SCREWS.



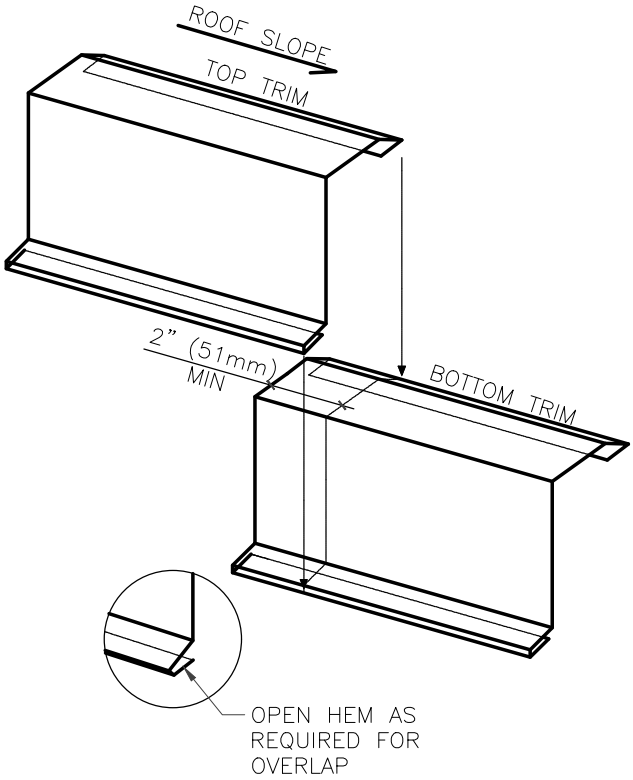


GABLE TRIM OVERLAP DETAILS

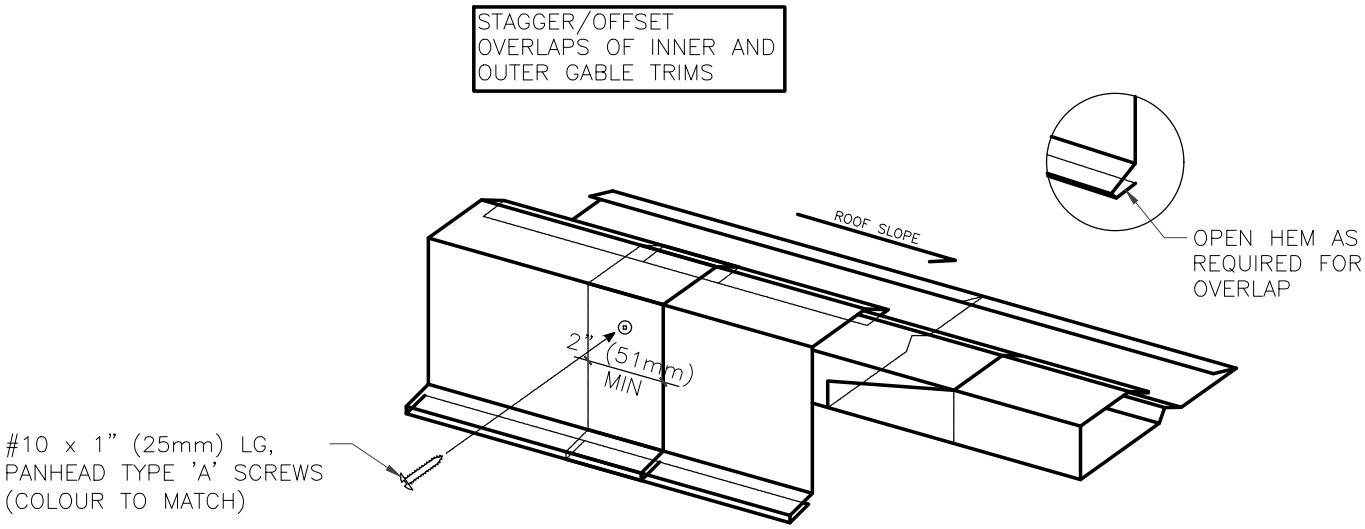
INNER GABLE TRIM



OUTER GABLE TRIM

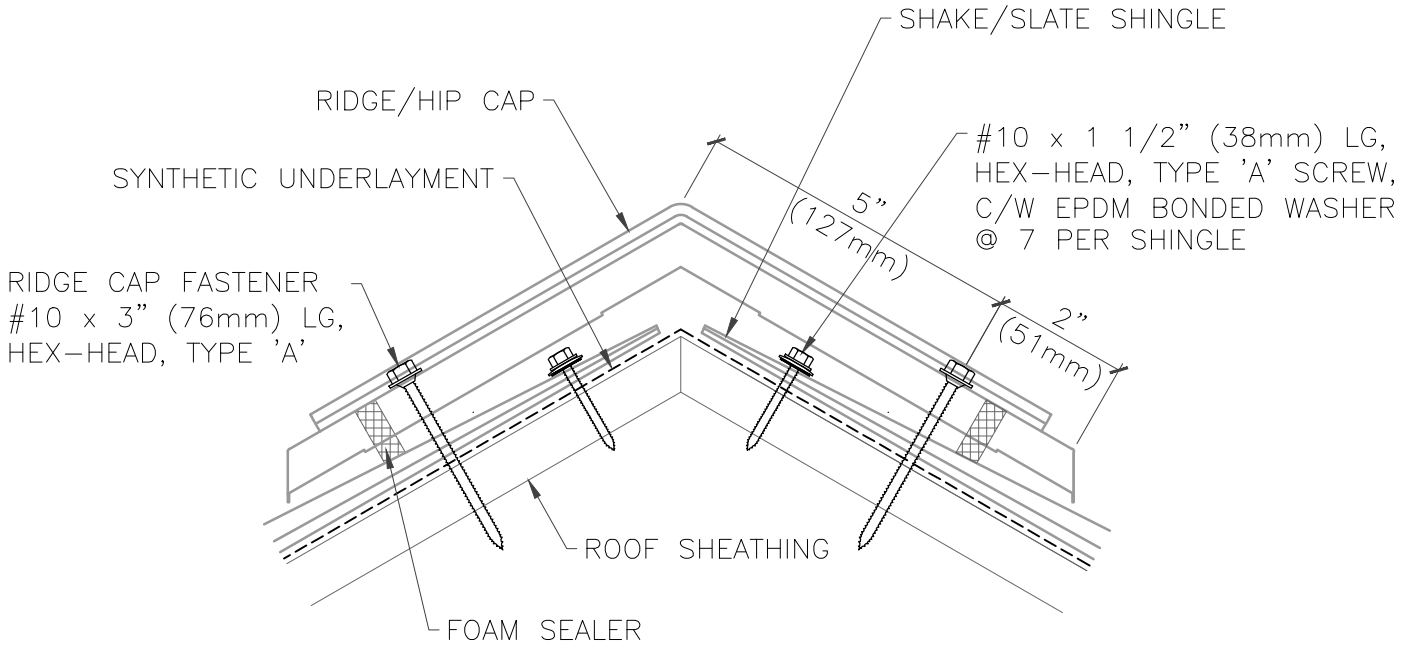


INNER AND OUTRE GABLE TRIM LAP DETAIL



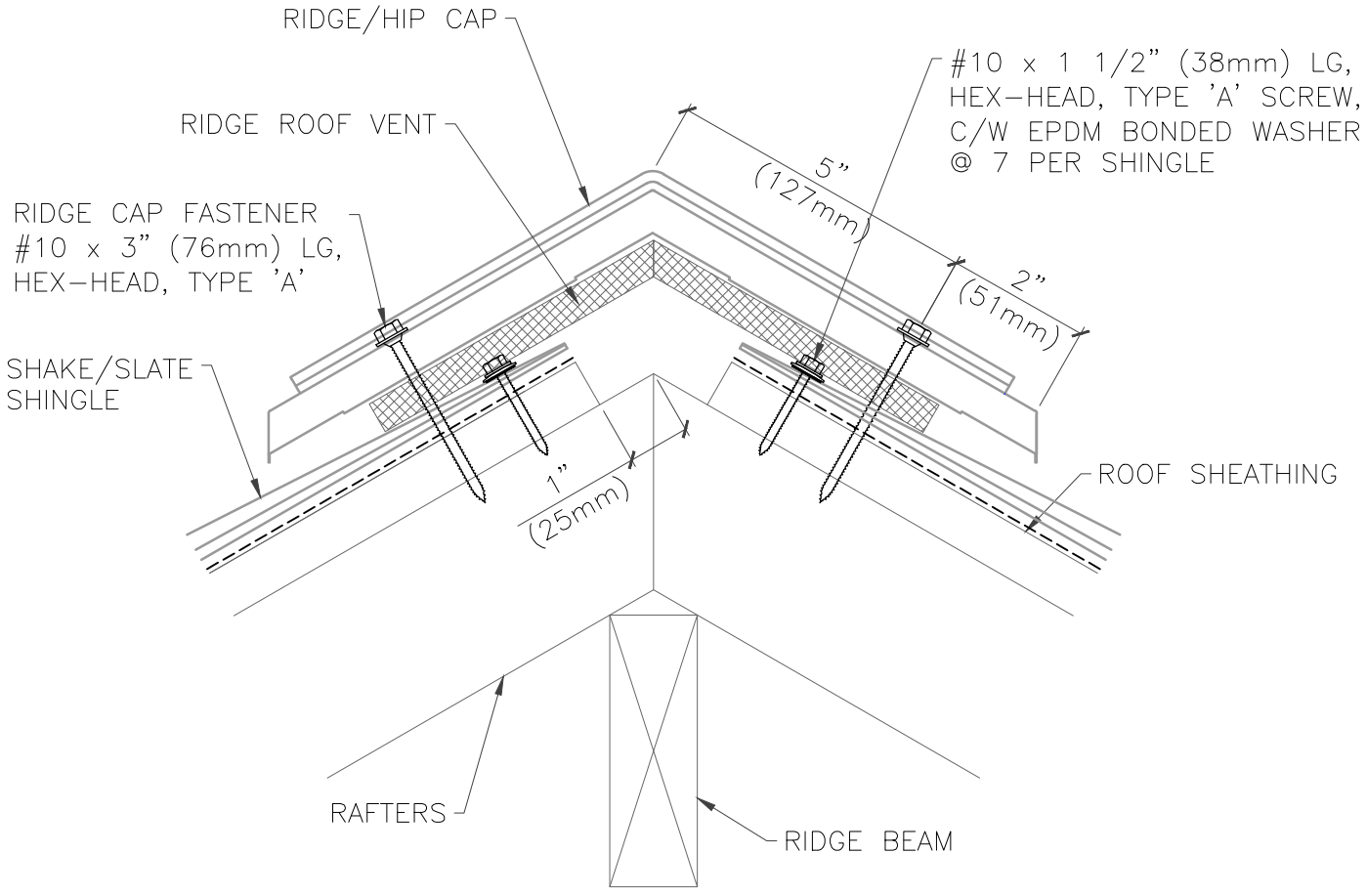
NON-VENTED RIDGE DETAIL / HIP DETAIL (OPTION 2)

1. Cut the top row of roof tiles at the ridgeline and fasten with 7 equally spaced #10 x 1 1/2” (38mm) 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” (76mm) LG, HEX-HEAD, TYPE ‘A’ through the pre-punched slotted holes. Do not overdrive fasteners.



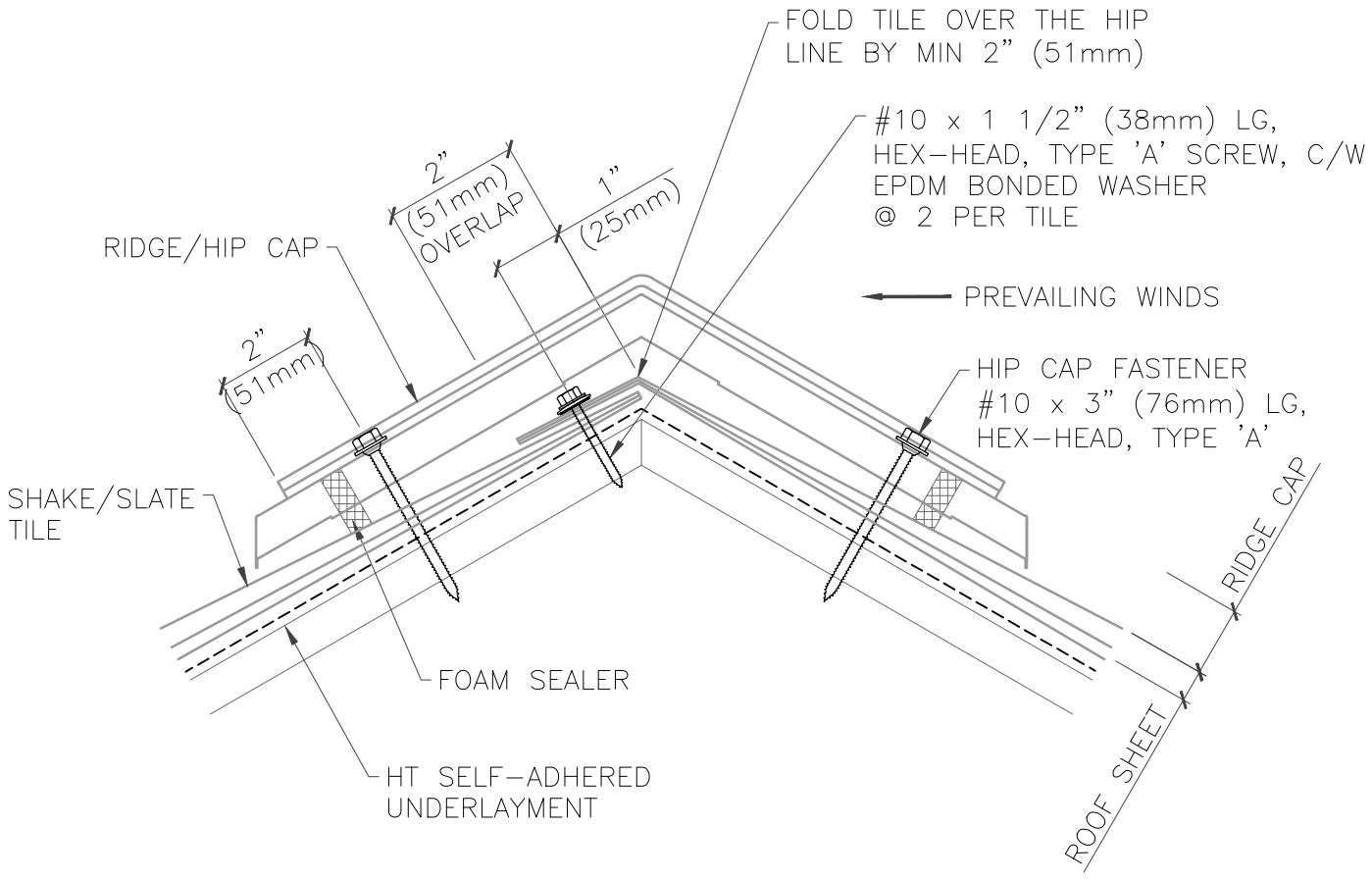
VENTED RIDGE DETAIL

1. Cut 2” (51mm) of roof sheathing at the ridge, or as per your local building code.
2. The underlayment should not extend over the cut opening. This is important to maintain unobstructed ventilation.
3. Cut the top row of roof tiles at the edge of sheathing and fasten with 7 equally spaced #10 x 1 1/2” (38mm) LG, HEXHEAD, TYPE ‘A’ WITH EPDM BONDED WASHER fasteners.
4. Apply butyl sealant on the tile along the ridge and adhere the vented ridge roll to the tile. Use chalk line if required.
5. Align ridge cap along the ridge.
6. Install ridge cap with #10 x 3” (76mm) LG, HEX-HEAD, TYPE ‘A’ fasteners through the pre-punched slotted holes. Do not overdrive fasteners.



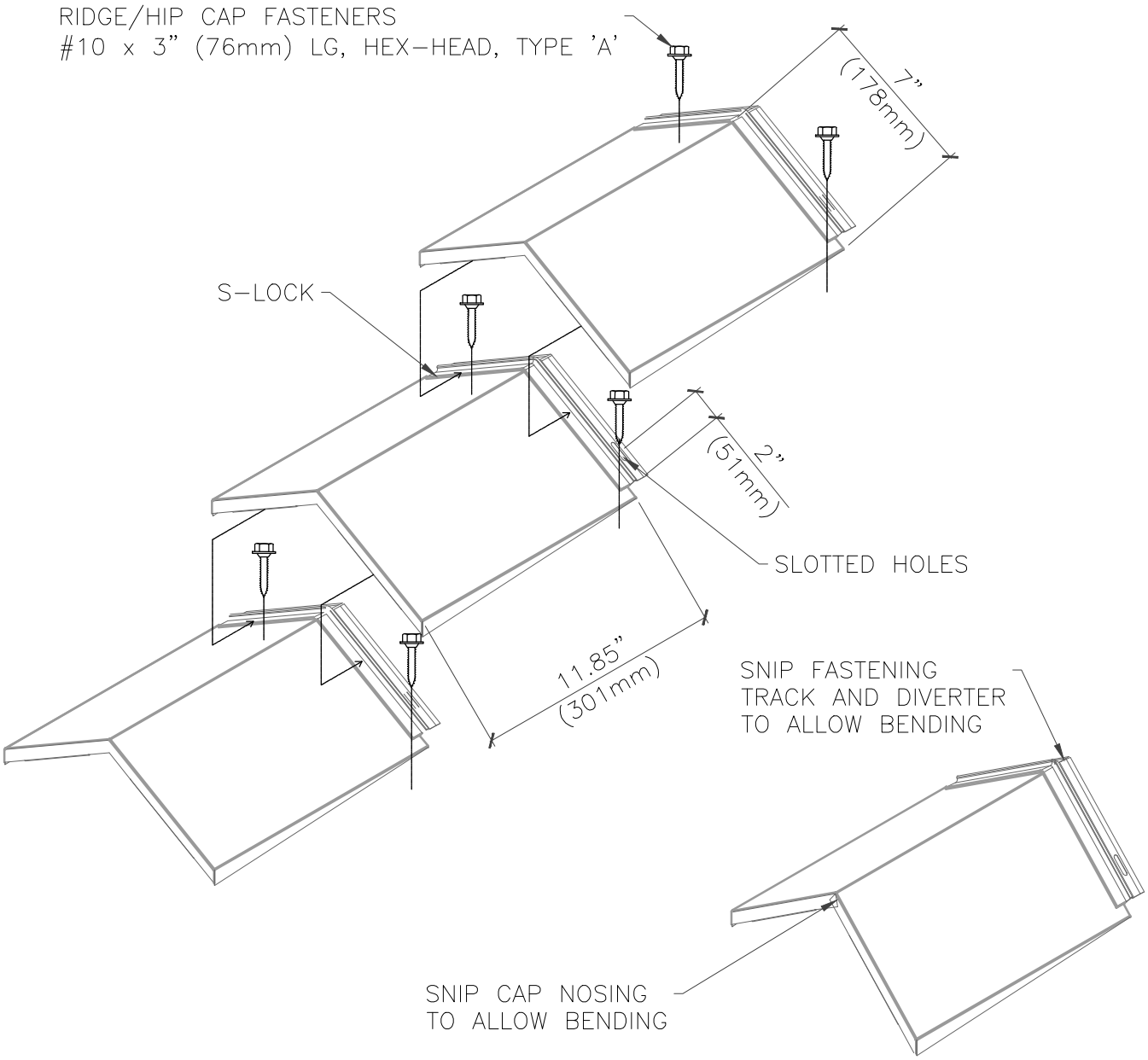
HIP DETAIL

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” (51mm) onto the opposite side of prevailing winds.
3. Fasten the roof tile overlap with 2 #10 x 1 1/2” (38mm) 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” (76mm) LG, HEX-HEAD, TYPE ‘A’ screws through the pre-punched slotted holes. Do not overdrive fasteners.



HIP/RIDGE CAP DETAIL

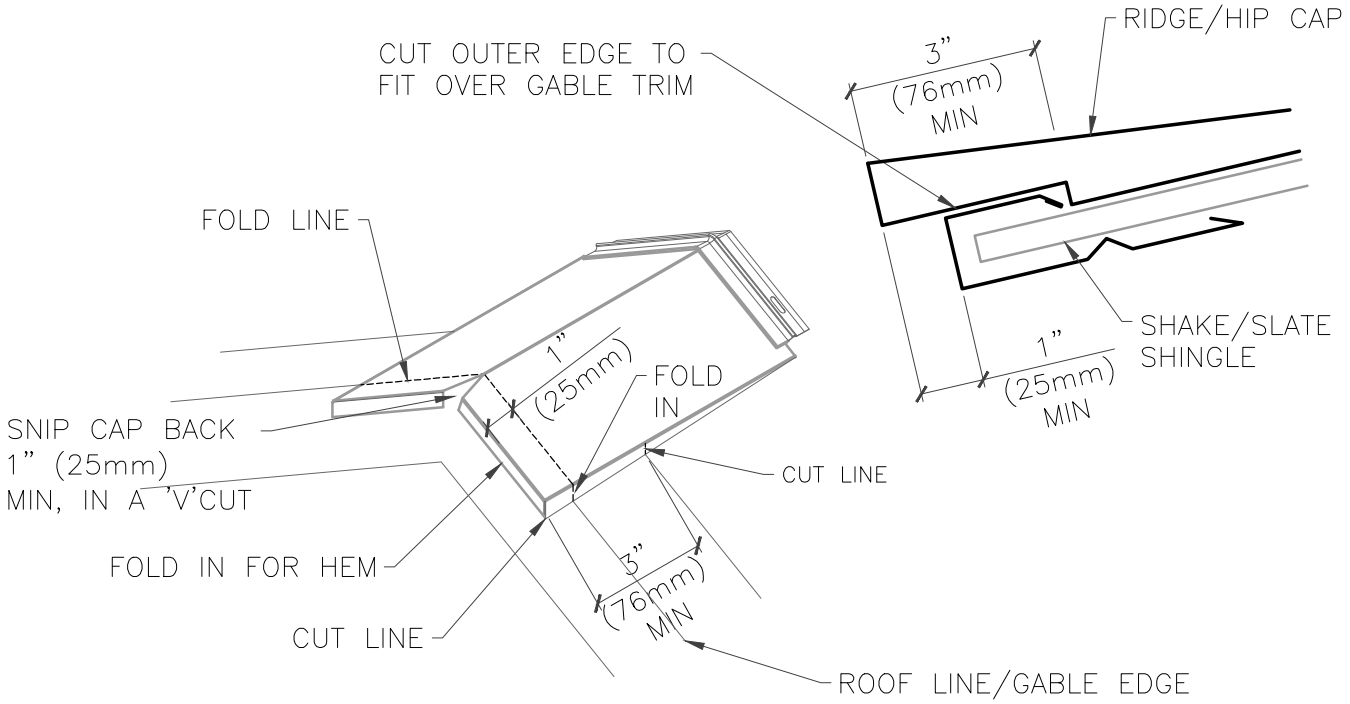
1. Align Shake/Slate Hip/Ridge Cap along the ridge or hip. Use chalk line if required.
2. Install hip/ridge cap with #10 x 3” (76mm) LG, HEX-HEAD, TYPE ‘A’ FASTENERS through the center of the prepunched slotted holes. Do not overdrive fasteners.
3. Ensure hip/ridge caps are tightly hooked into the top 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).

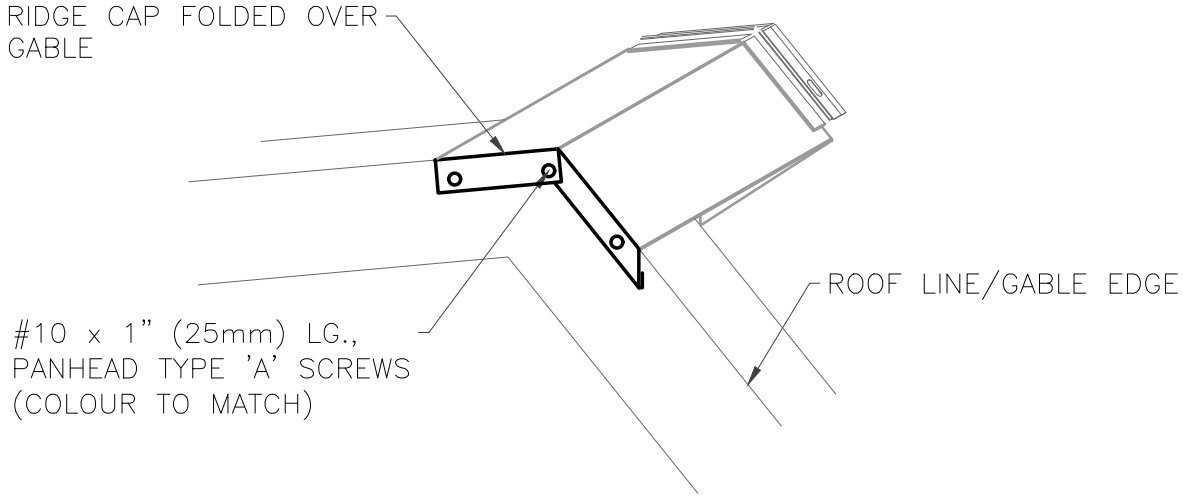


12:12 RIDGE DIAGRAM

RIDGE CAP DETAIL AT GABLE END

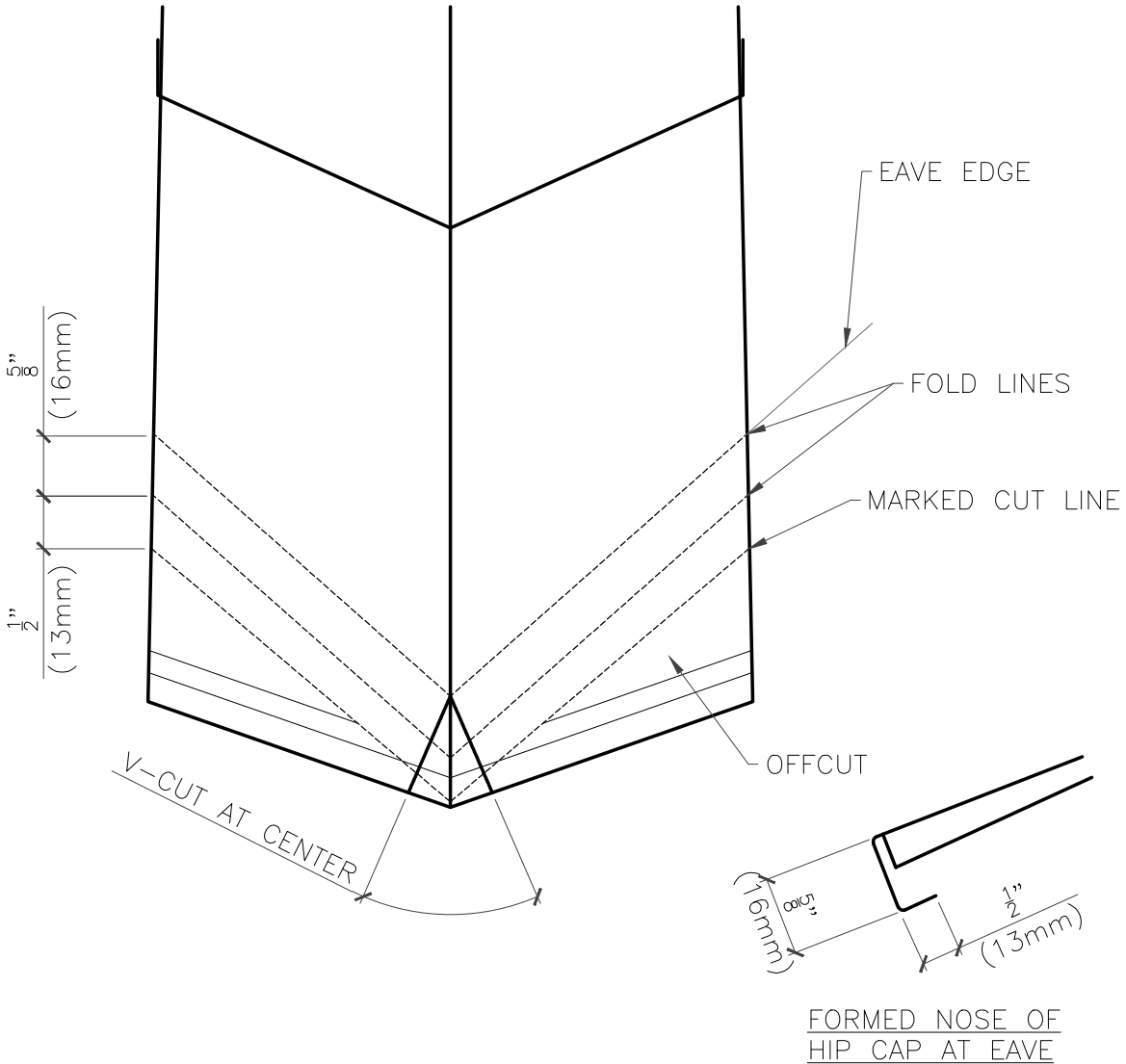
1. Snip ridge cap edges as shown and fold in.
2. Snip the middle of the ridge cap approximately 1” (25mm) along the center.
3. You may need to snip the line on a small angle depending on roof pitch so the trim can fold over.
4. Fold front tab into hem and bend at gable edge to 90 degrees.
   a) The cap should sit outside the gable trim
   b) Fasten the turned down cap edges to the gable trim with colour matched #10 x 1” (25mm) LG panhead, type ‘A’ screws





HIP CAP DETAIL AT EAVE

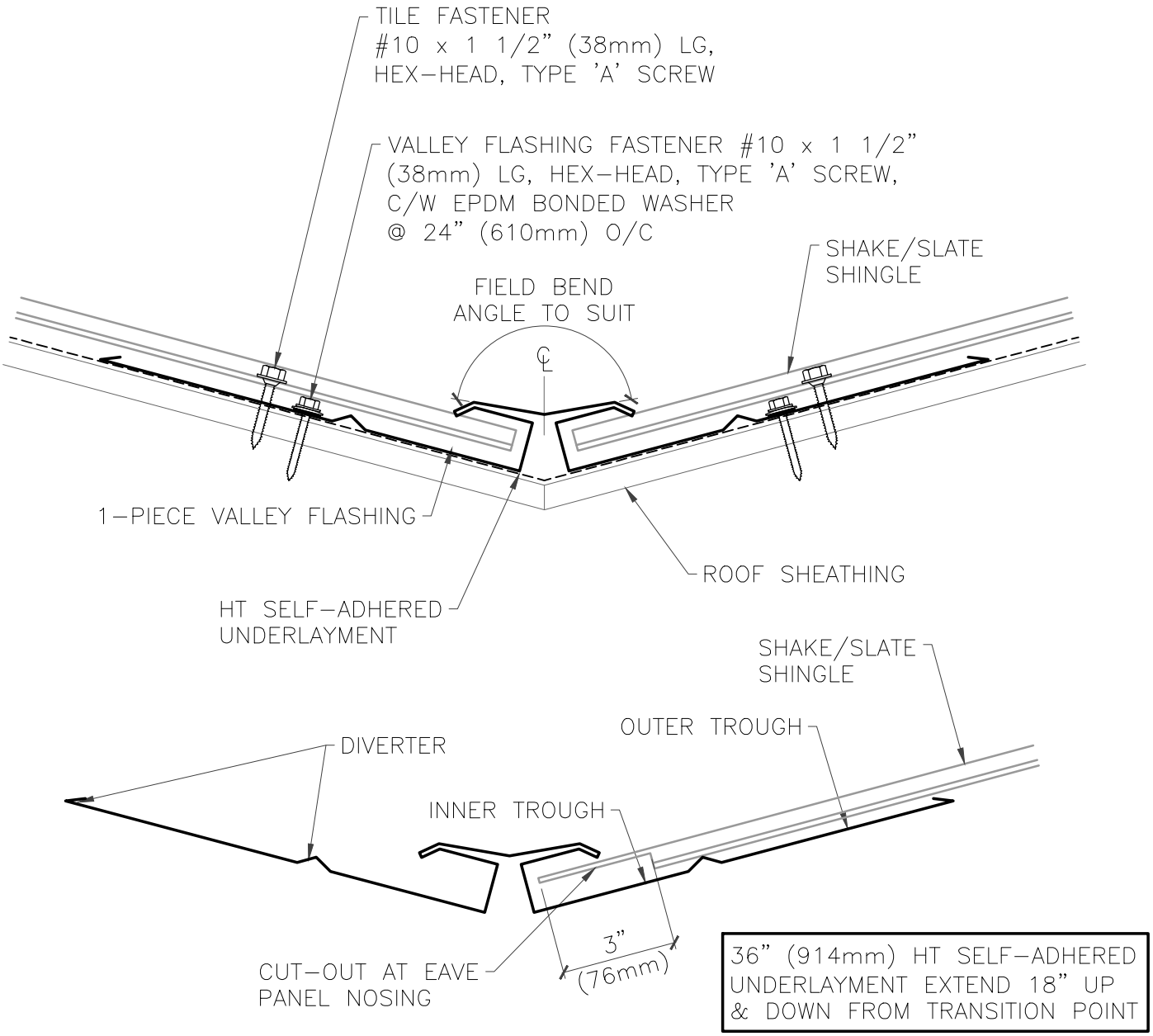
1. Mark the underside of the hip cap along the angle of the eave edge. This is your marked cut line.
2. From the marked cut line, measure 2 more fold lines at 5/8" (16mm)and 1/2" (13mm) apart.
3. Note: You may be required to increase the spacing between the fold lines when using the under hip flashing 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" (25mm) LG, panhead, type 'A' screws.
6. Install the remainder of hip/ridge caps in a straight line.



FORMED NOSE OF HIP CAP AT EAVE

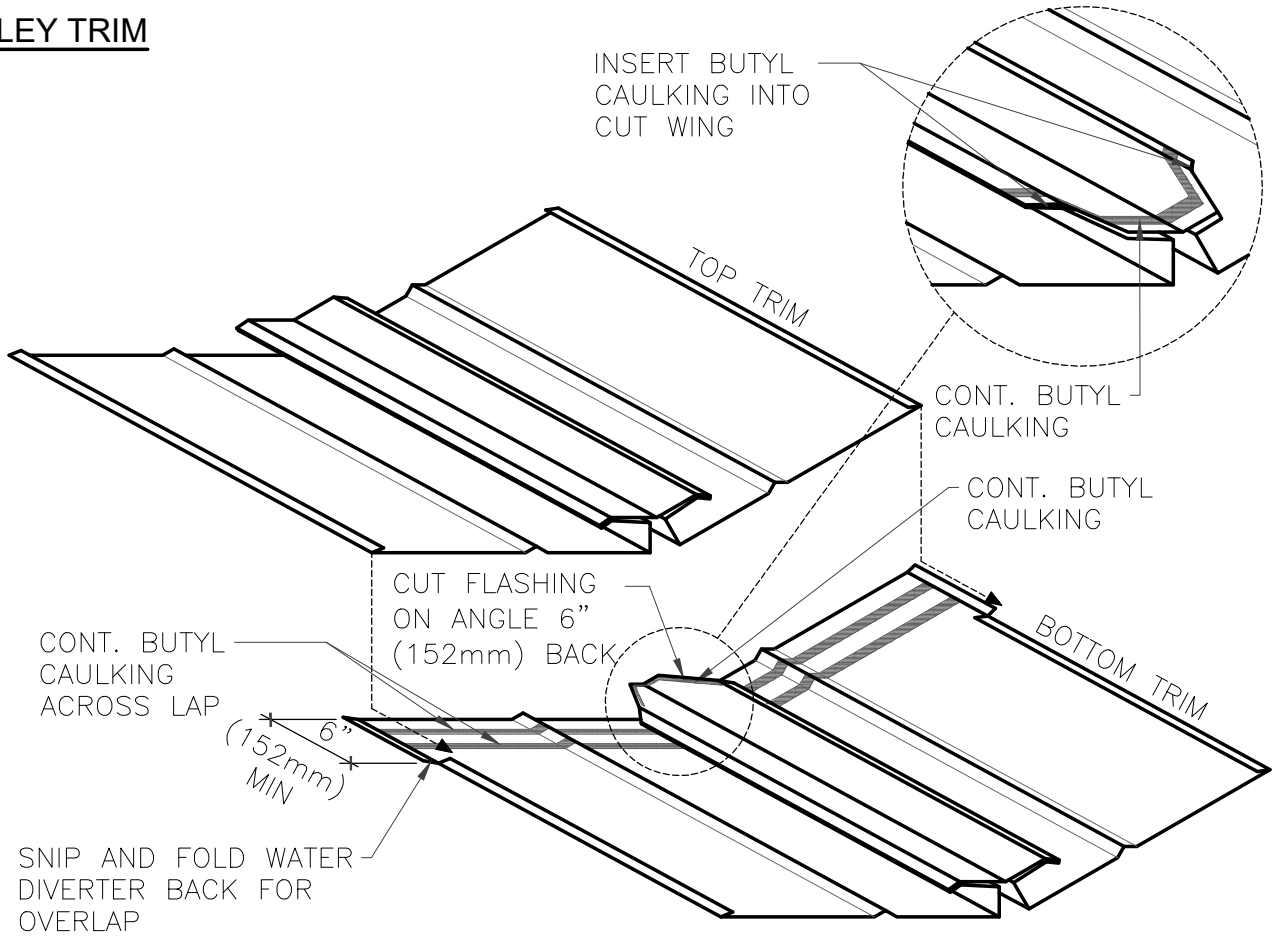
VALLEY

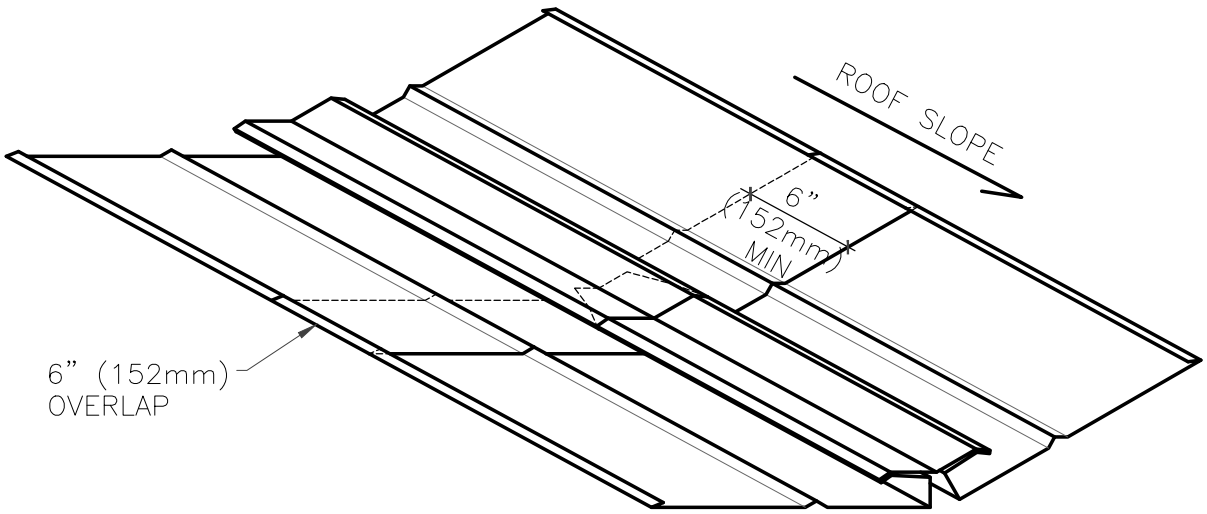
1. Install high temperature self-adhered underlayment in the valley.
2. Align valley flashing on the valley and position over eave trim.
3. Cut the end of valley flashing on angles matching the two adjoining eave sections and installed cut edge at 1” (25mm) up from eave edge.
4. Push the valley flashing tight into the roof and fasten in the outer trough at every 24” (610mm) using #10 x 1 1/2” (38mm) 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.



METAL ROOF SHINGLES - CEDAR CREEK™ SHAKE and NORTH RIDGE™ SLATE

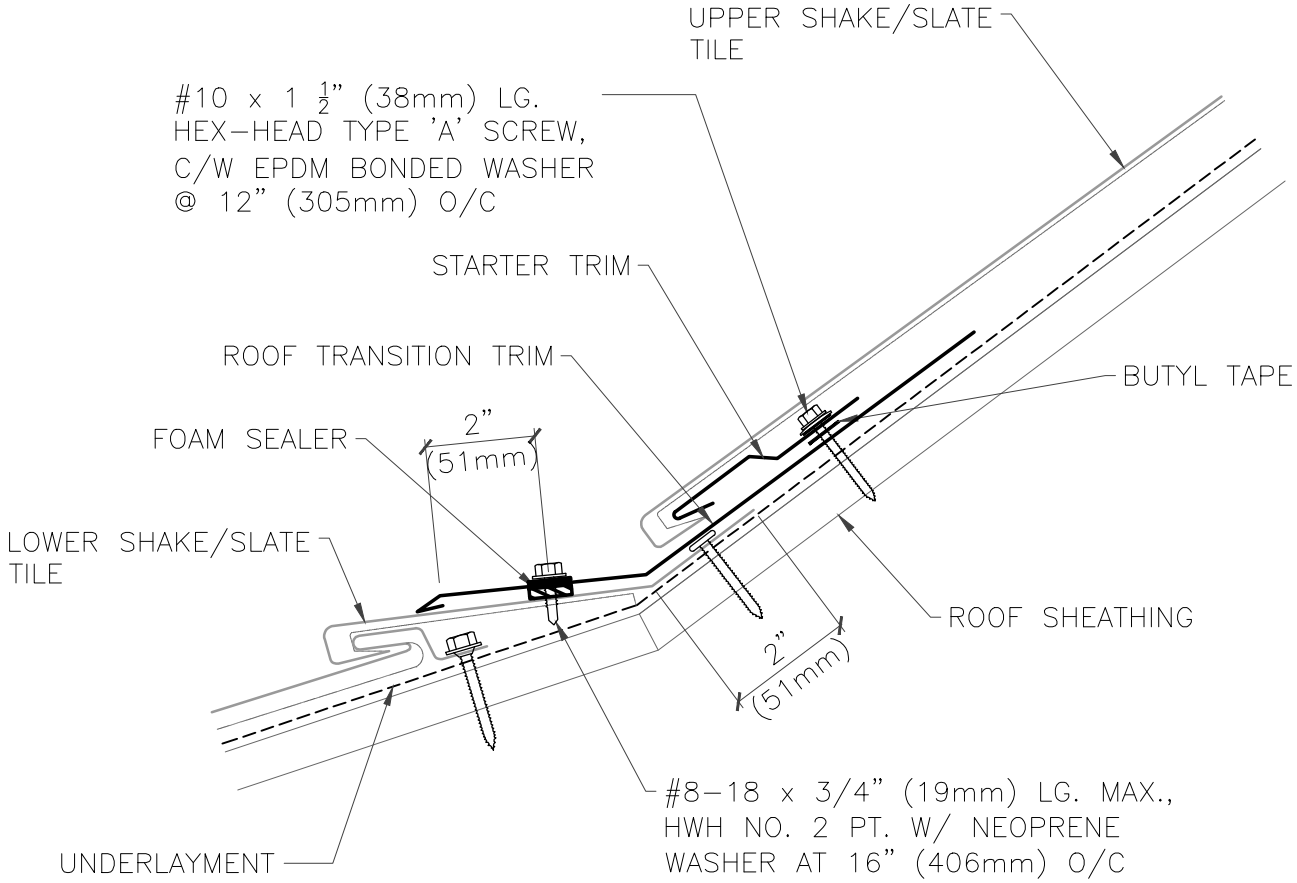
VALLEY TRIM





ROOF SLOPE TRANSITION

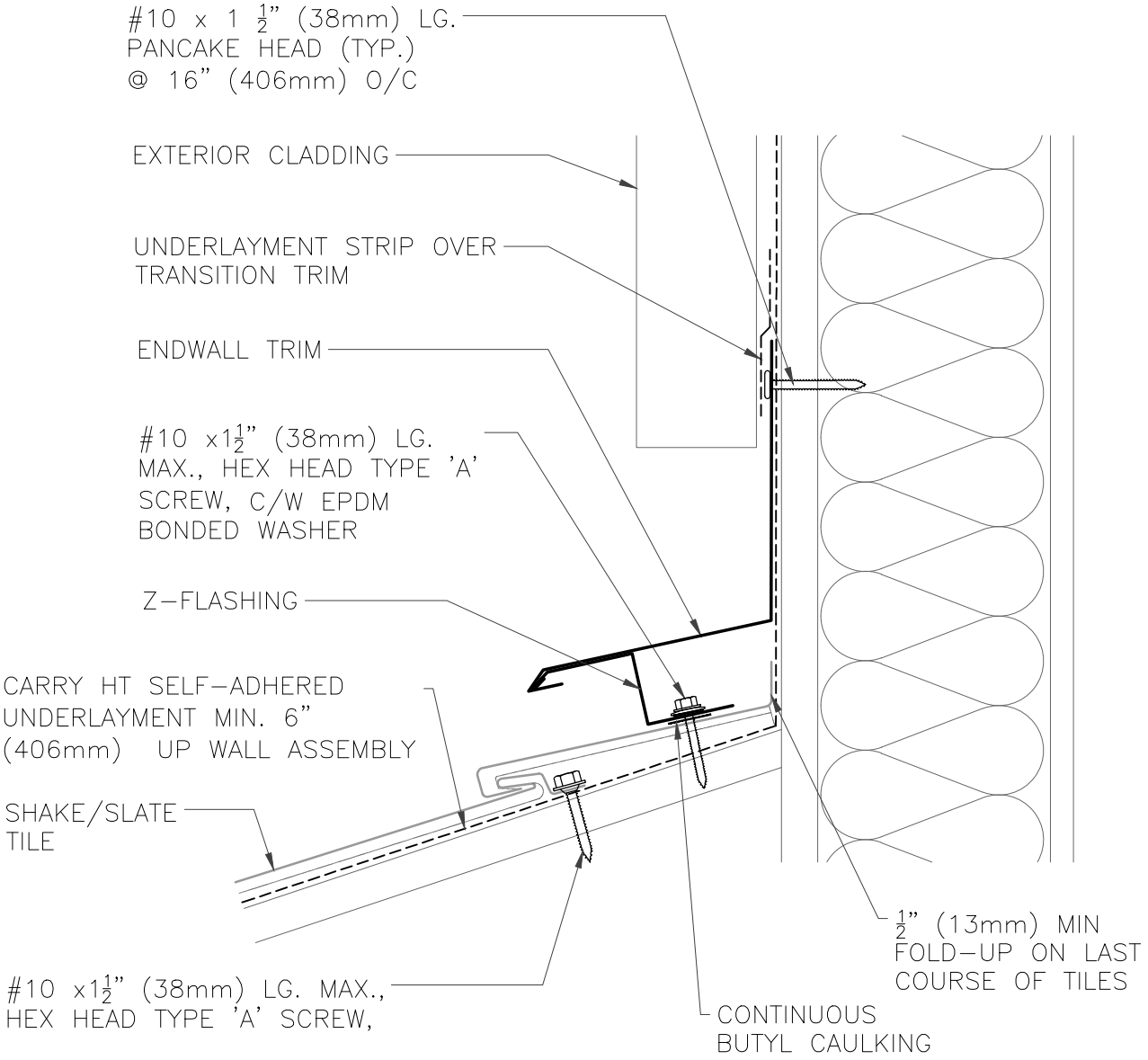
1. Apply high temperature self-adhered underlayment, along transition roof line.
   a) It is important to put the high temperature self-adhered underlayment on top of the syntheticunderlayment on the lower roof slope.
   b) It is important to put the high temperature self-adhered underlayment under the synthetic underlayment on the upper roof slope.
2. Measure and cut tile 2” (51mm) above the roof pitch change. Bend tile to suit slope change.
3. Fasten lower roof tile with 7 X #10 x 1 1/2” (38mm) LG, HEX-HEAD, TYPE ‘A’ SCREW with EPDM BONDED WASHER equally spaced fasteners to the roof sheathing.
4. Apply foam-sealer 2” (51mm) below roof pitch change on the lower roof tiles.
5. Fasten roof transition trim to the lower toof tile through the foam sealer at every 16” (406mm) using #8-18 x 3/4” (19mm) 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” (305mm) using #10 x 1 1/2” (38mm) LG, PANCAKE-HEAD, TYPE ‘A’ SCREW
7. Install first course of Shake/Slate tile on the upper roof slope.



ENDWALL - NEW CONSTRUCTION

1. Carry high temperature self-adhered underlayment at least 6” (152mm) up the endwall.
2. Measure and cut tile with a min 1/2” (13mm) 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” (38mm) 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” (38mm) LG. PANCAKE HEAD every 16” (406mm) to the end-wall substrate.
5. Apply underlayment strip over the transition trim behind new exterior cladding.

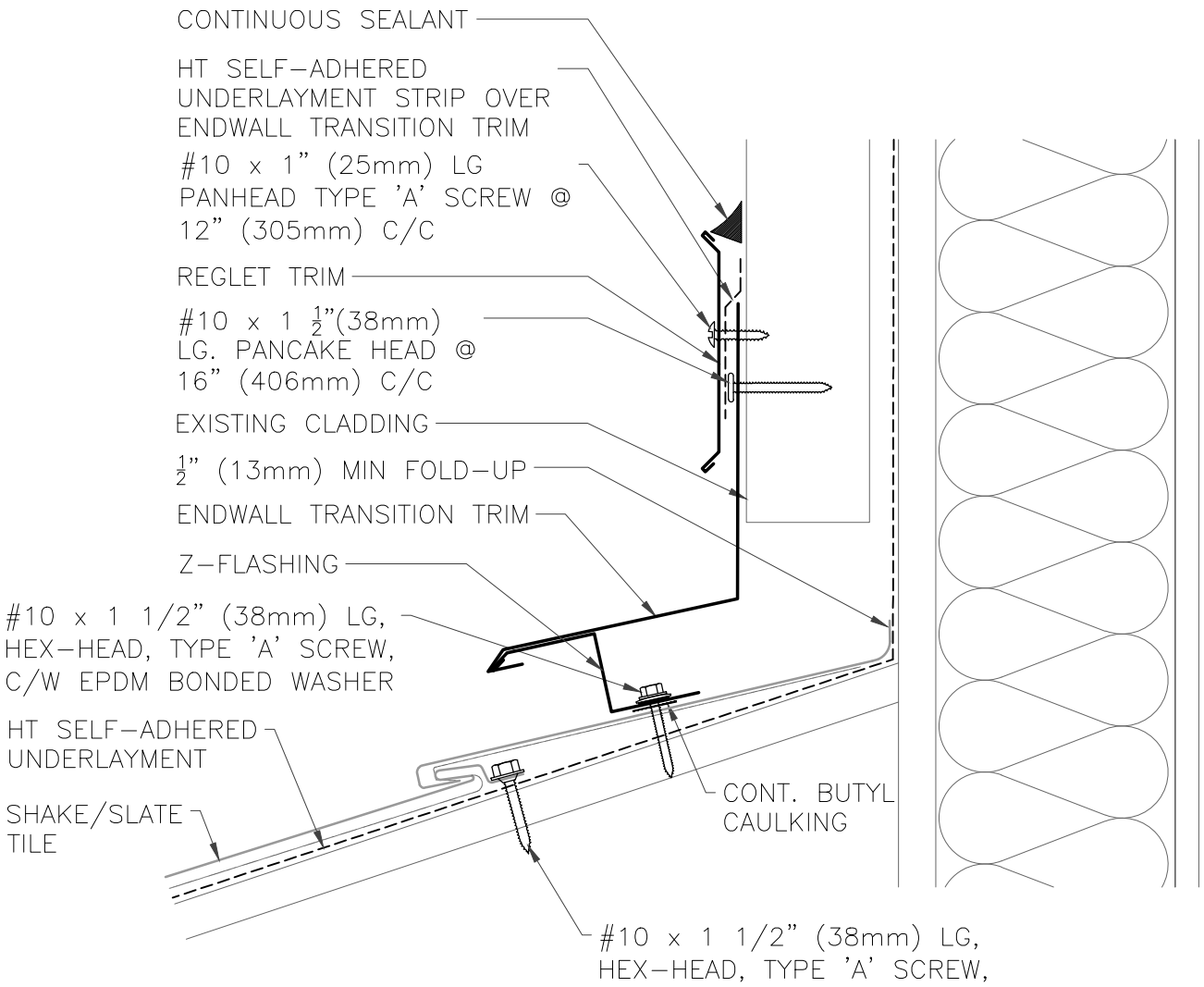
REFERENCE PAGE 38 FOR SIDE / END WALL TRIM OVERLAP DETAILS



ENDWALL RE-ROOF / EXISTING CLADDING CONSTRUCTION

1. Carry high temperature self-adhered underlayment at least 6” (406mm) up the endwall.
2. Measure and cut tile with a min 1/2” (13mm) 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” (38mm) 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” (38mm) LG. PANCAKE HEAD every 16” (406mm) to the face of existing cladding.
5. Apply 2” (51mm) 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” (305mm) using #10 x 1” (25mm) LG PANHEAD TYPE ‘A’ SCREW
7. Apply continuous sealant along the top edge of the reglet trim.

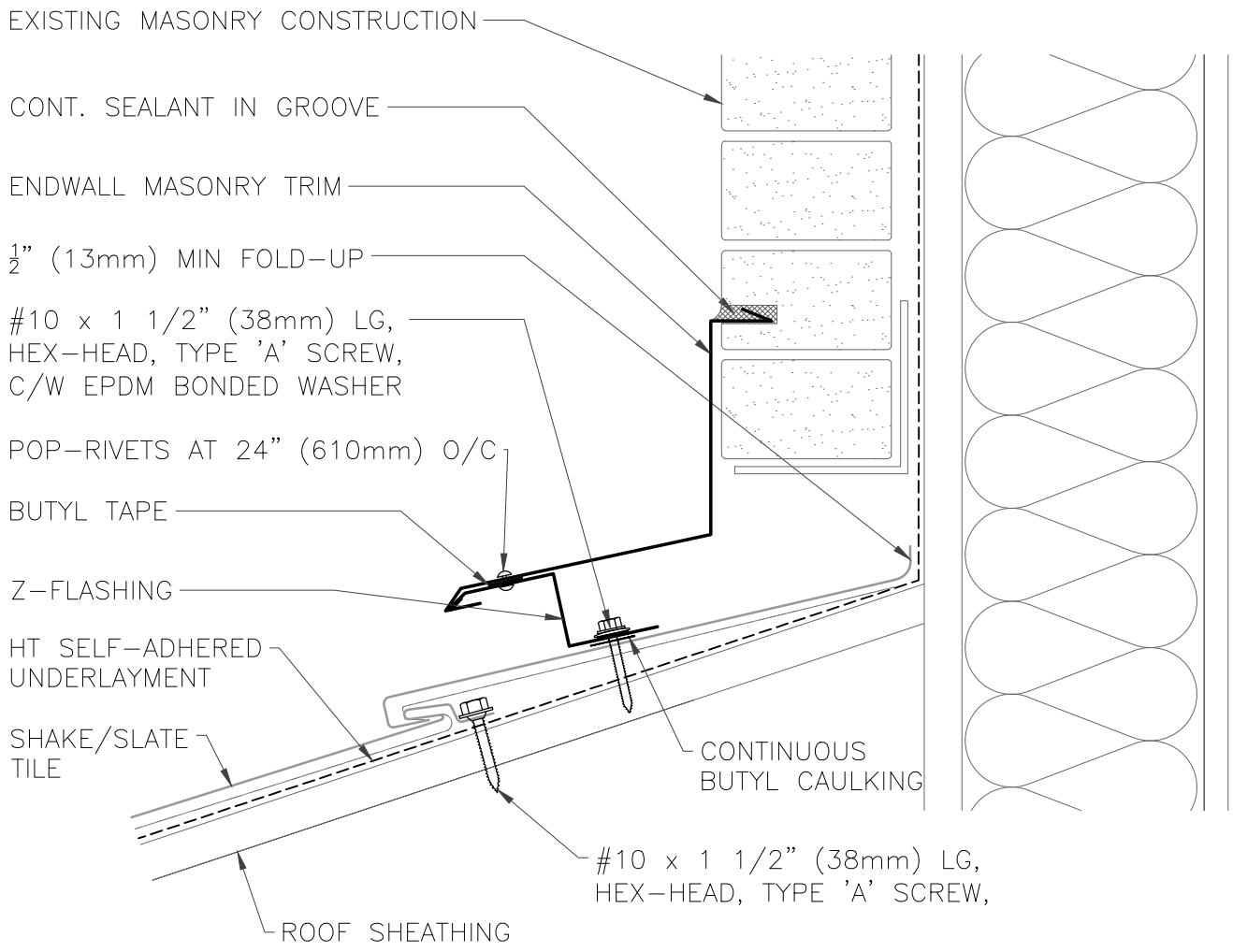
REFERENCE PAGE 38 FOR SIDE / END WALL TRIM OVERLAP DETAILS
REFERENCE PAGE 39 FOR REGLET TRIM DETAILS



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” (13mm) 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 equally spaced #10 x 1 1/2” (38mm) 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” (610mm).

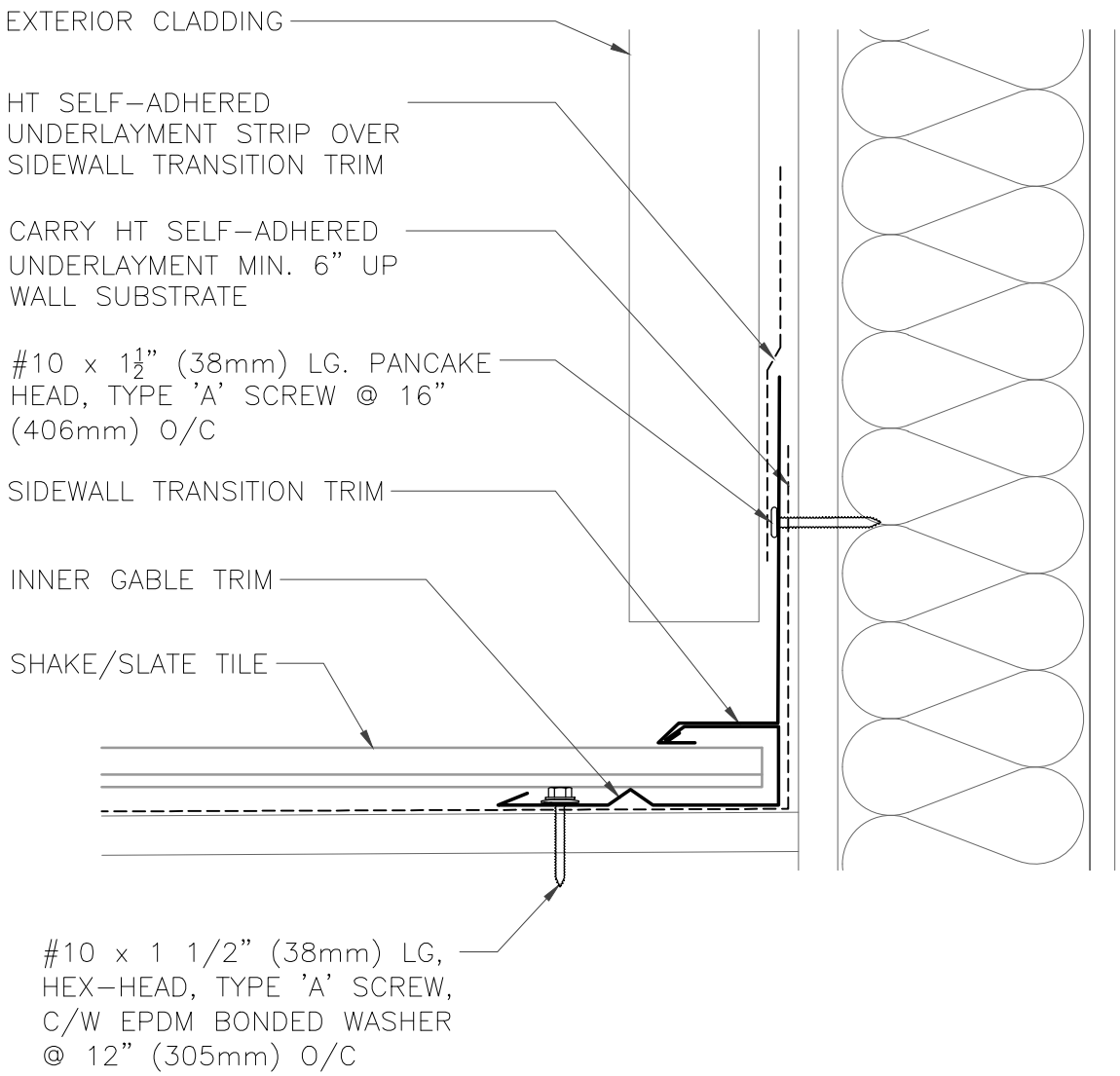
REFERENCE PAGE 38 FOR SIDE / END WALL TRIM OVERLAP DETAILS



SIDEWALL NEW CONSTRUCTION

1. Apply high temperature self-adhered underlayment at least 6” (152mm) 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” (38mm) LG. PANCAKE HEAD, TYPE ‘A’ SCREW
3. Hook side wall trim tight onto inner gable and fasten at every 12” (305mm) using #10 x 1 1/2” (38mm) 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.

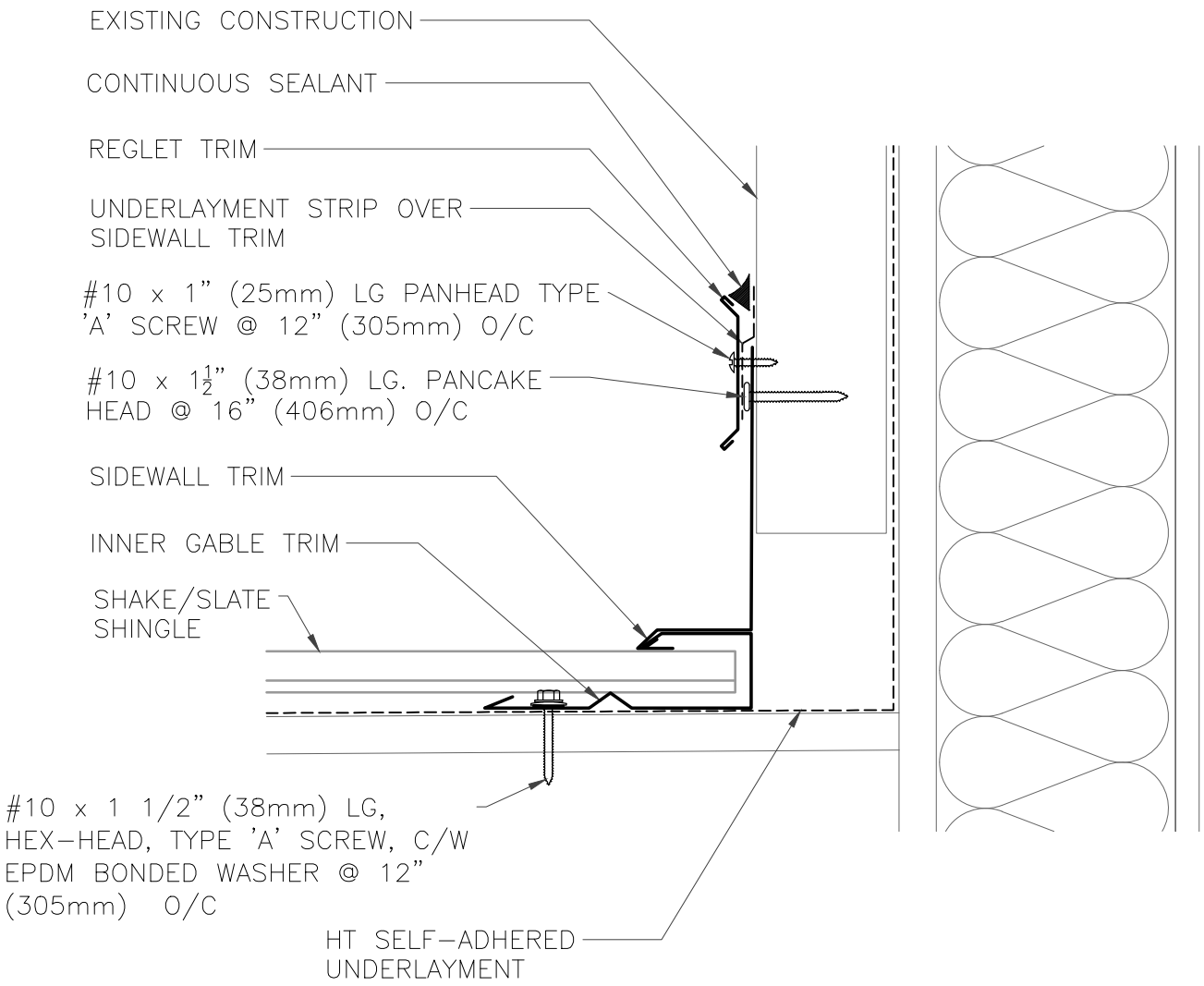
REFERENCE PAGE 38 FOR SIDE / END WALL TRIM OVERLAP DETAILS



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” (305mm) with #10 x 1 1/2” (38mm) 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” (406mm) using #10 x 1 1/2” (38mm) 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” (25mm) 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.

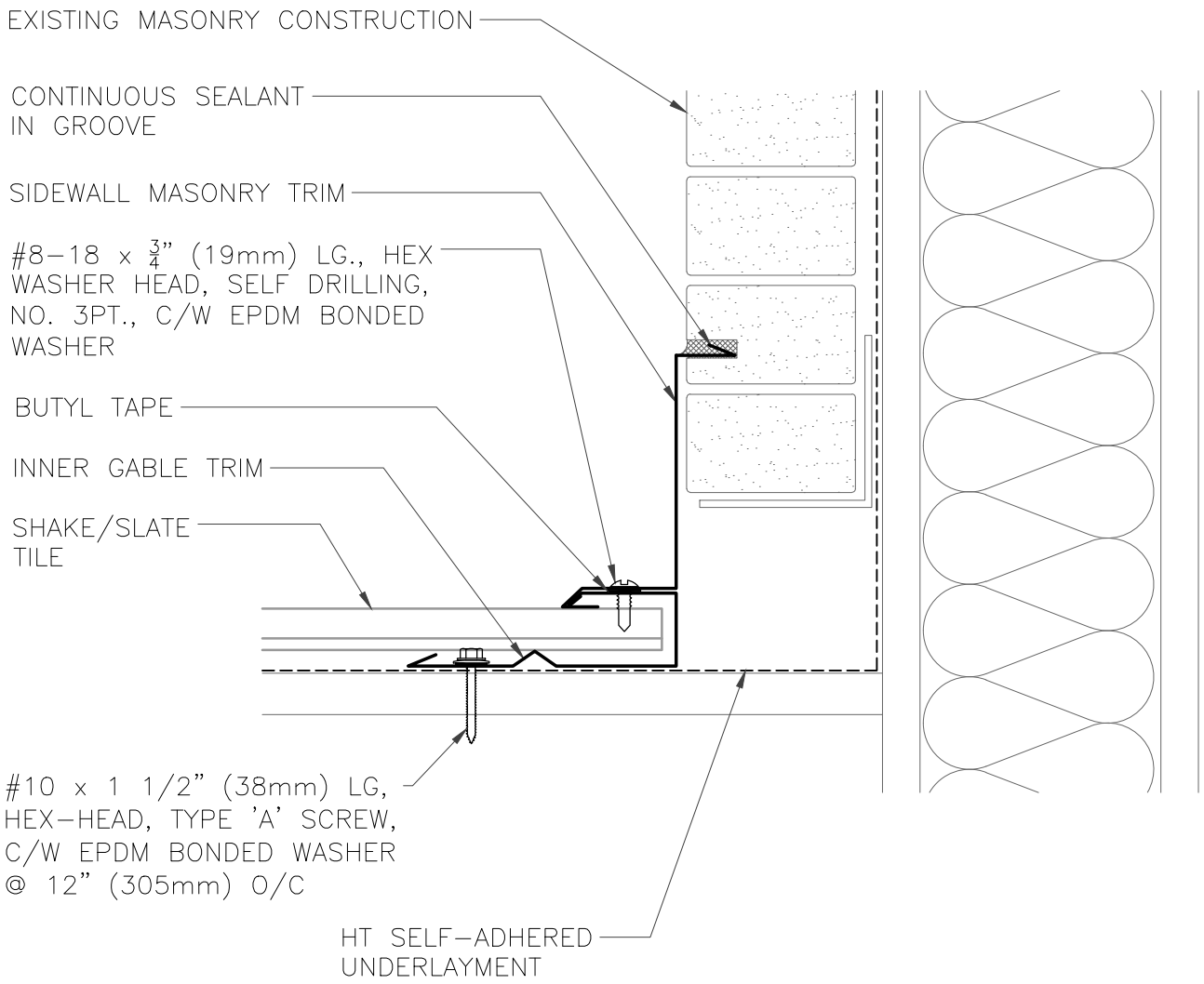
REFERENCE PAGE 38 FOR SIDE / END WALL TRIM OVERLAP DETAILS
REFERENCE PAGE 39 FOR REGLET TRIM DETAILS



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” (38mm) 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” (610mm).
7. Slide tiles into the inner gable trim.

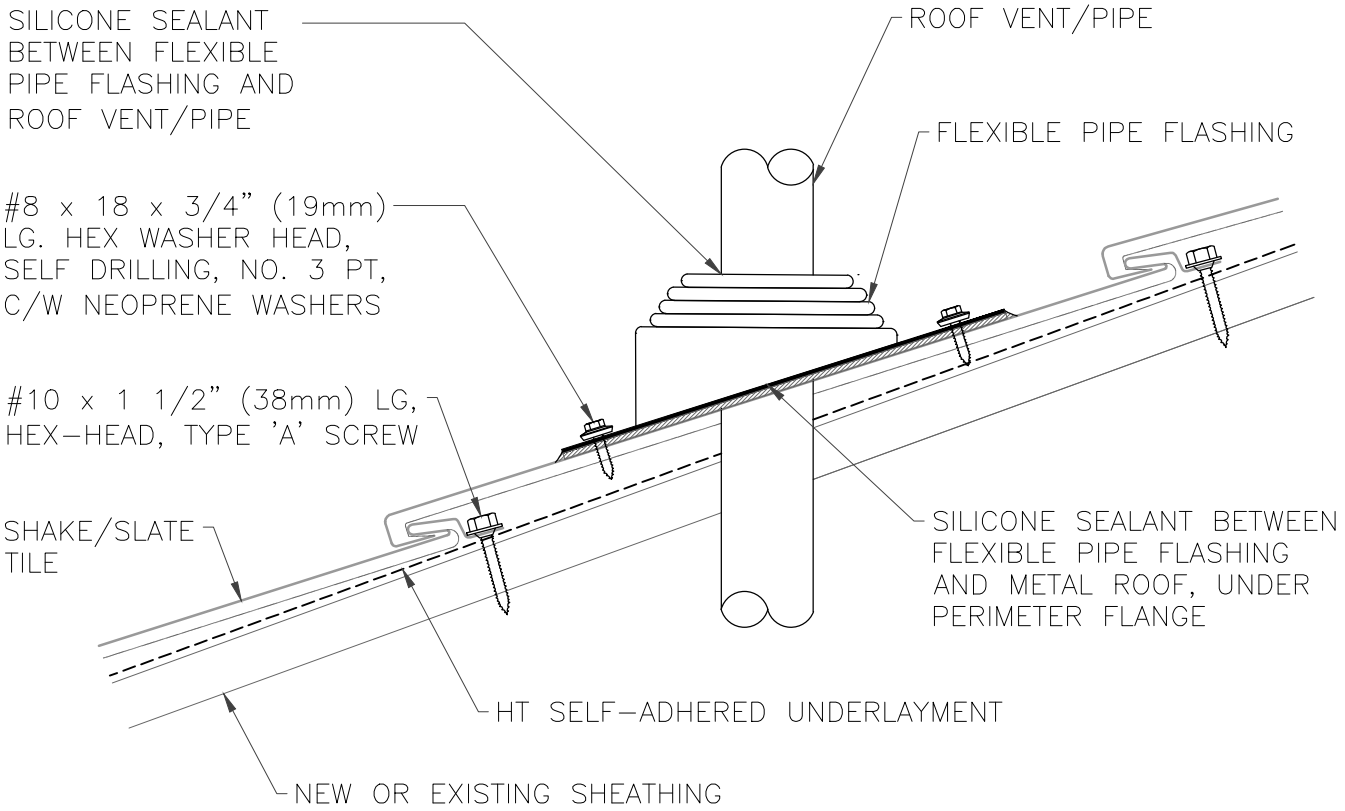
REFERENCE PAGE 38 FOR SIDE / END WALL OVERLAP DETAILS



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.

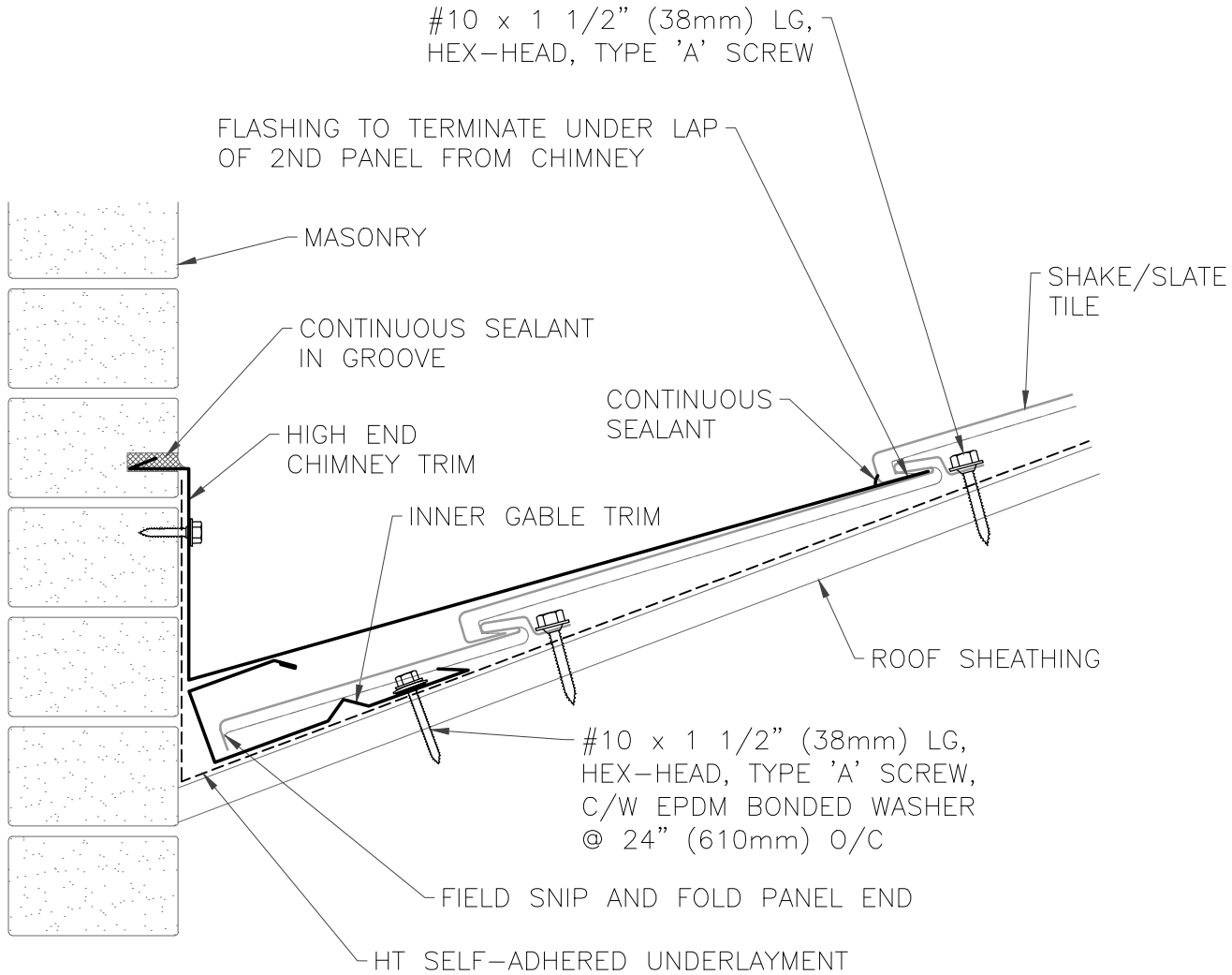
Potential use of a snow break may be required over the pipe or stack. Please consult your local representative for more information.



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” (610mm) and fasten in the outer trough using #10 at 2” (51mm) inside the chimney edge using #10 x 1 1/2” (38mm) 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” (305mm) 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 on page 36

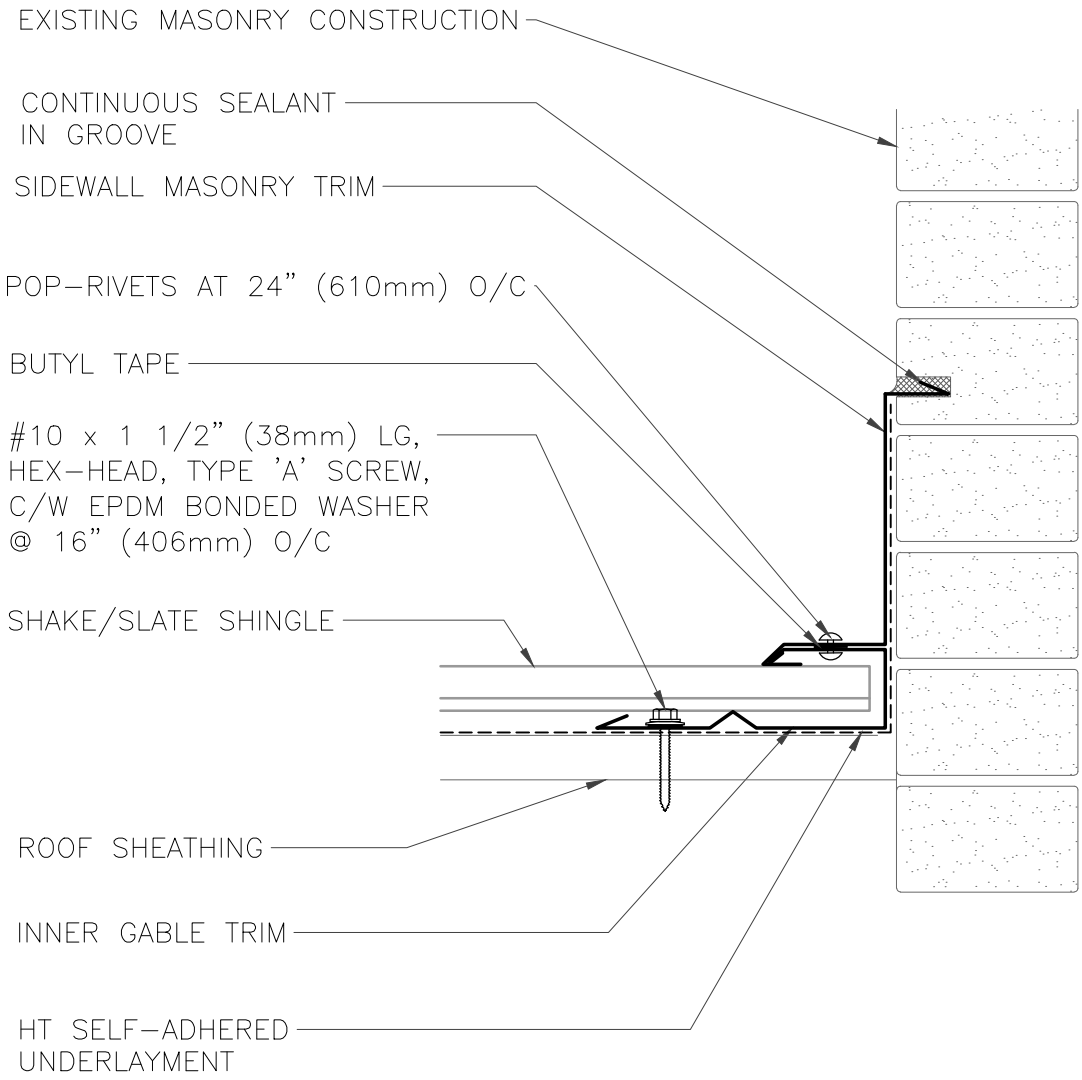
REFERENCE PAGE 37 FOR 'CHIMNEY TRIMS CUTTING/BENDING'
REFERENCE PAGE 38 FOR SIDE / END WALL OVERLAP DETAILS



CHIMNEY SIDEWALL DETAIL

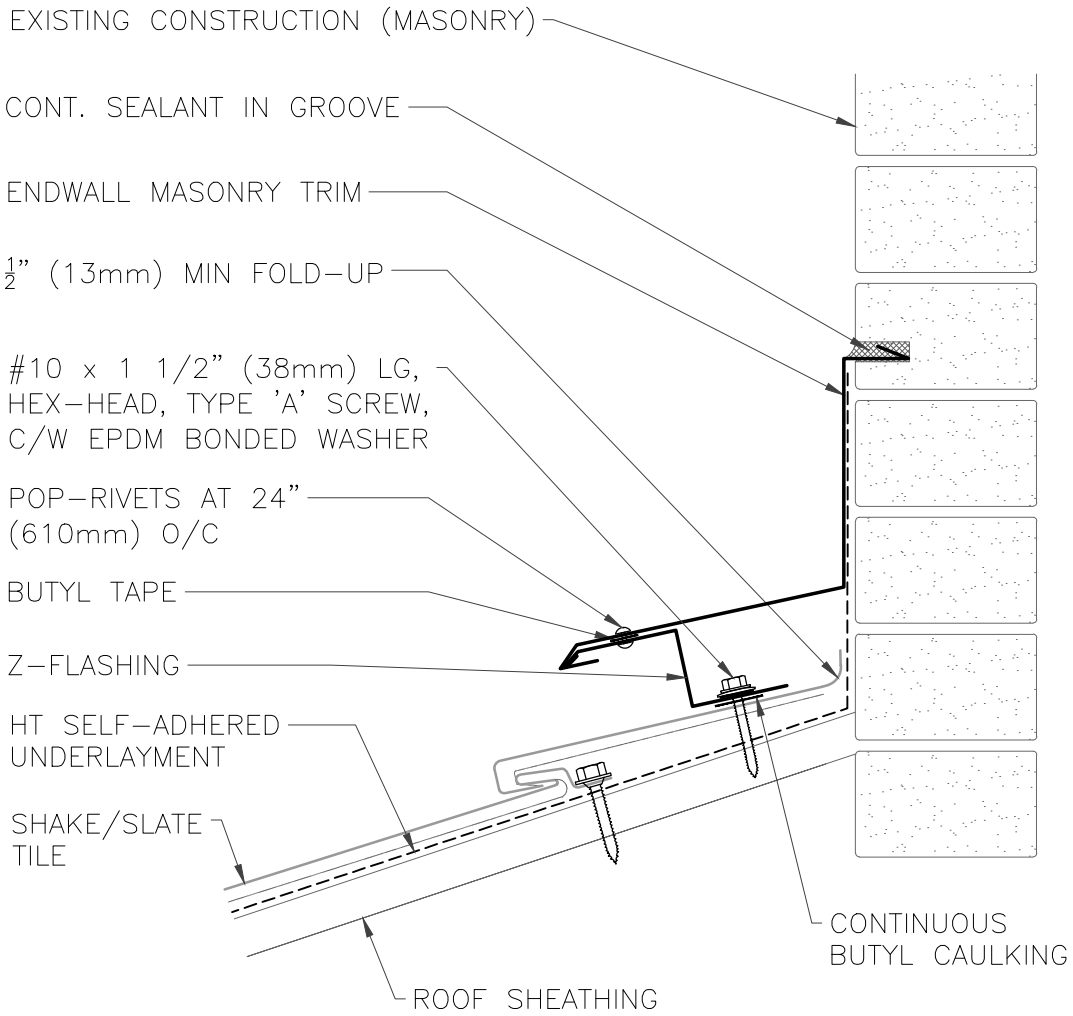
1. Ensure that HT Self-adhered underlayment is installed at the roof to chimney transition as required.
2. Install inner gable trim along the chimney sidewall and attach in the outer trough every 16” (305mm) using #10 x 1 1/2” (38mm) LG,HEX-HEAD, TYPE ‘A’ SCREW, C/W EPDM BONDED WASHER
3. Cut groove in 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” (610mm).
7. Slide tiles into the inner gable trim.

REFERENCE PAGE 37 FOR SIDE / END WALL OVERLAP DETAILS



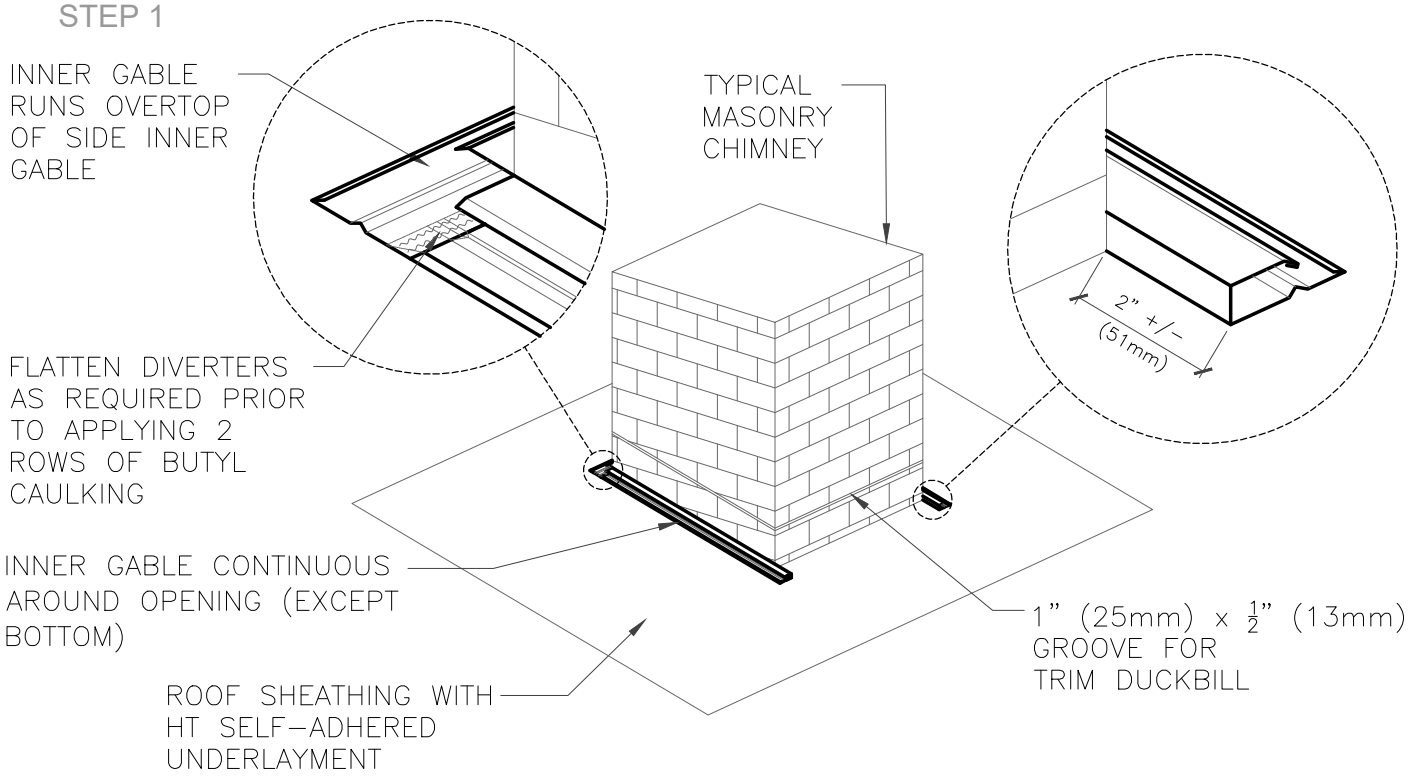
CHIMNEY LOW END DETAIL

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” (13mm) 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” (38mm) 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” (610mm).

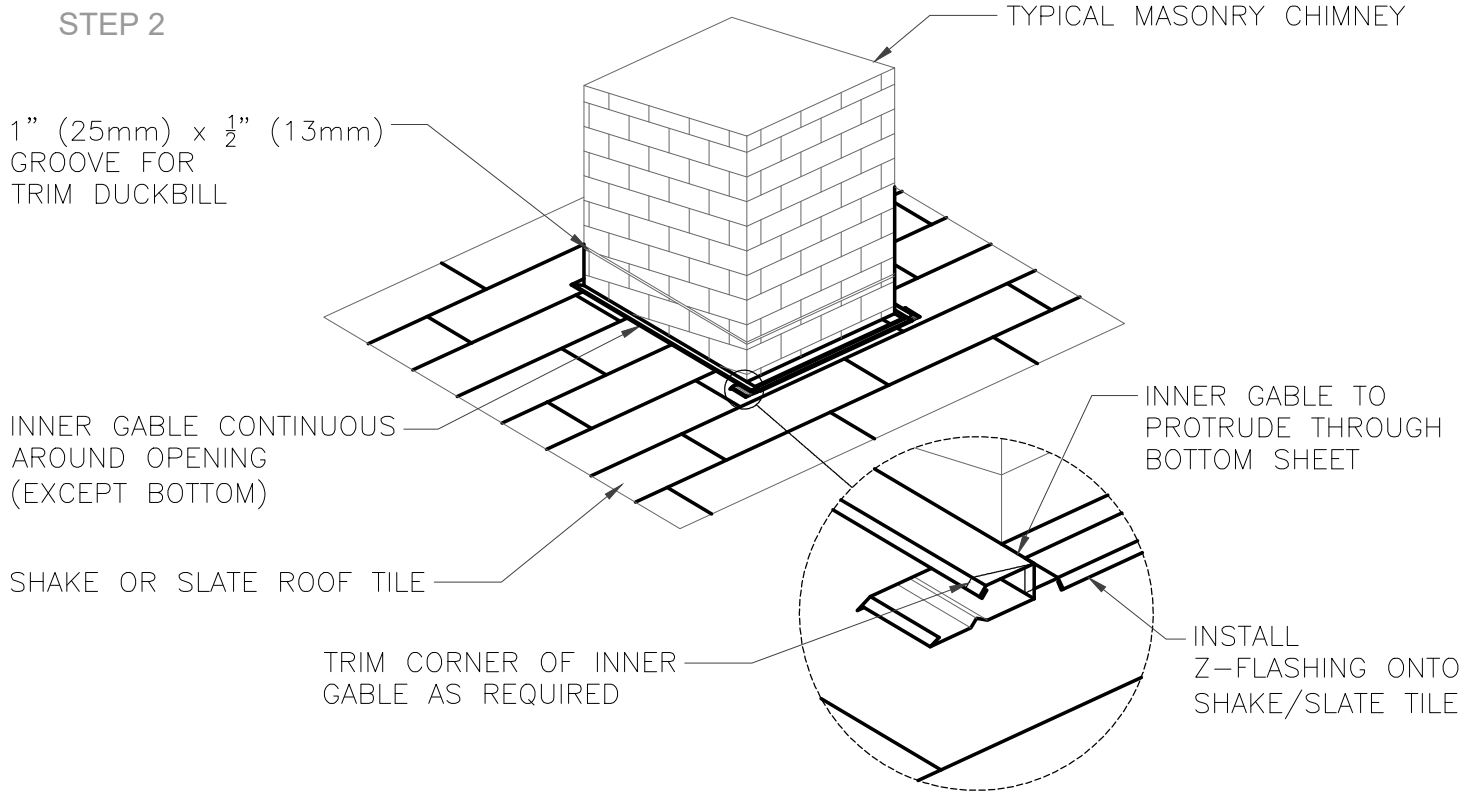


CHIMNEY TRIMS INSTALLATION

STEP 1

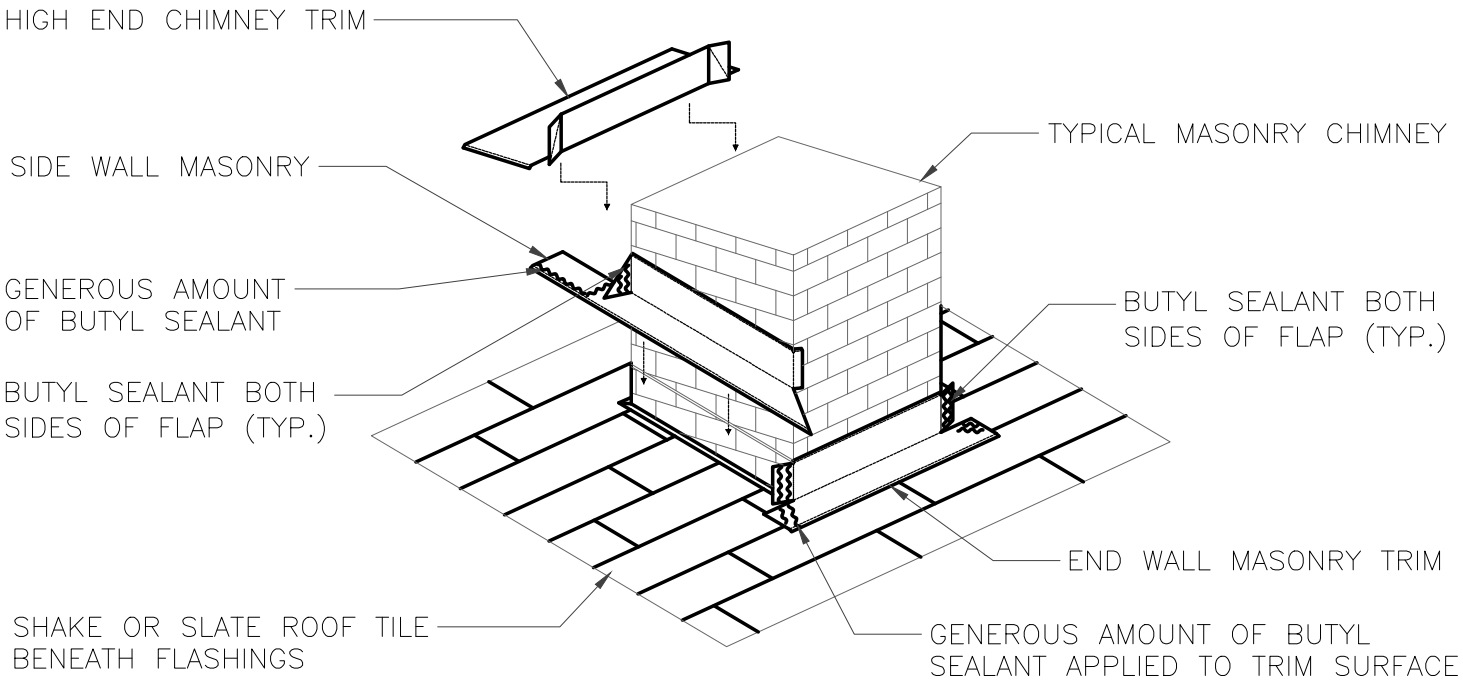


STEP 2

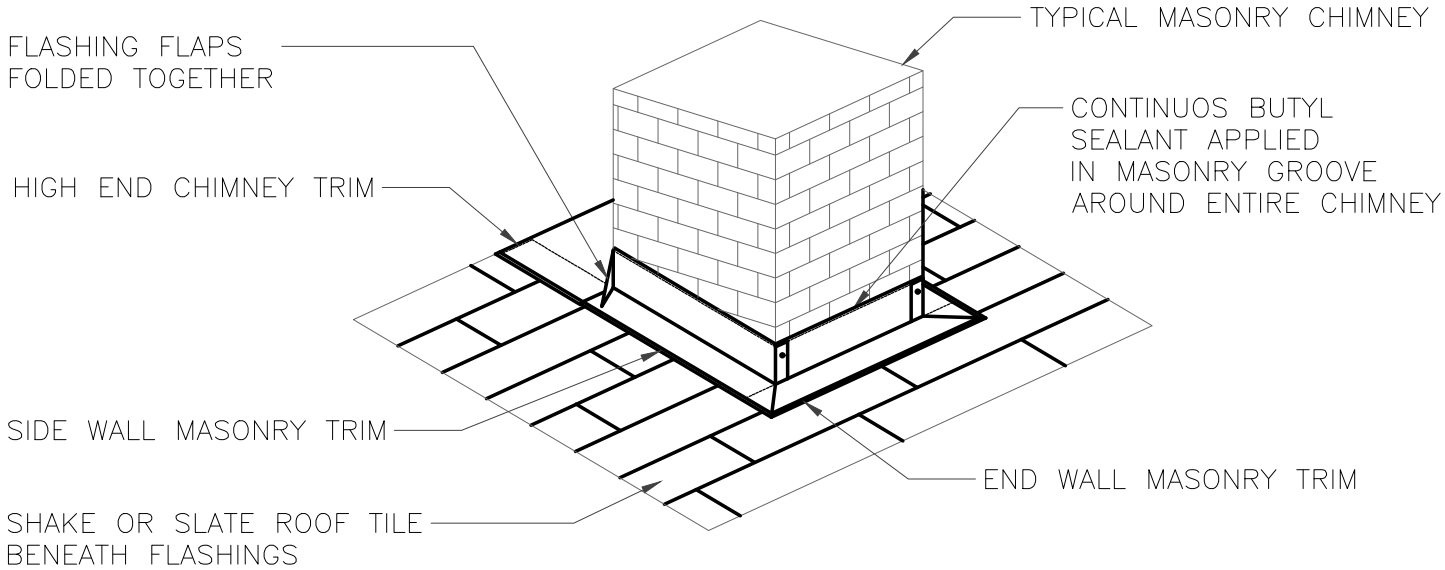


CHIMNEY TRIMS INSTALLATION

STEP 3

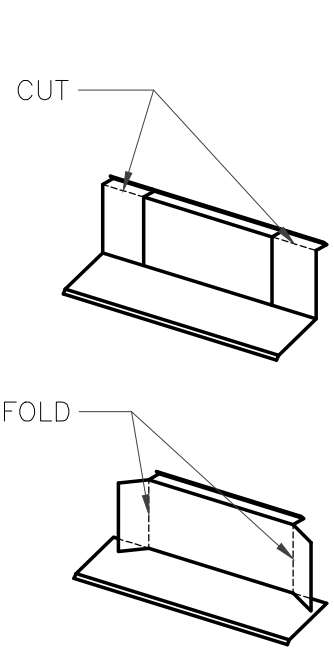


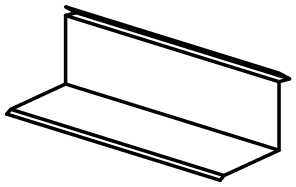
STEP 4



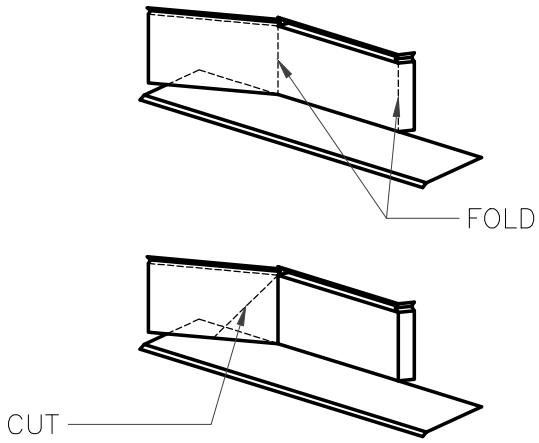
CHIMNEY TRIMS CUTTING/BENDING

CHIMNEY TRIMS AT BOTTOM

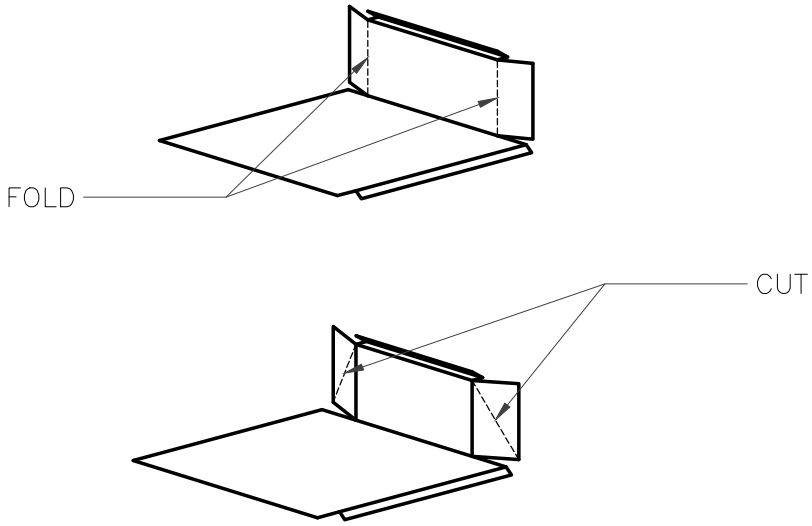




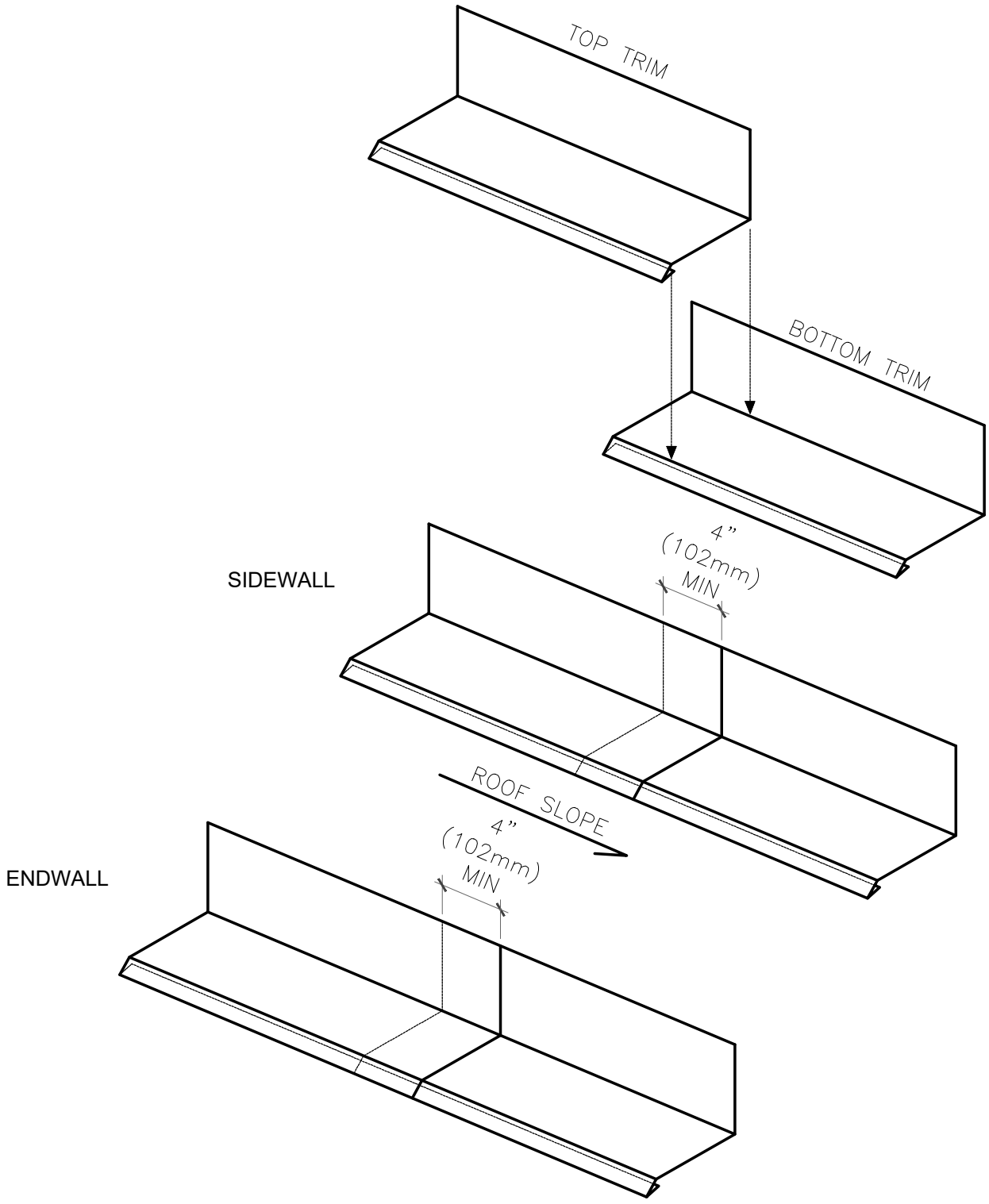
CHIMNEY TRIMS AT SIDEWALL



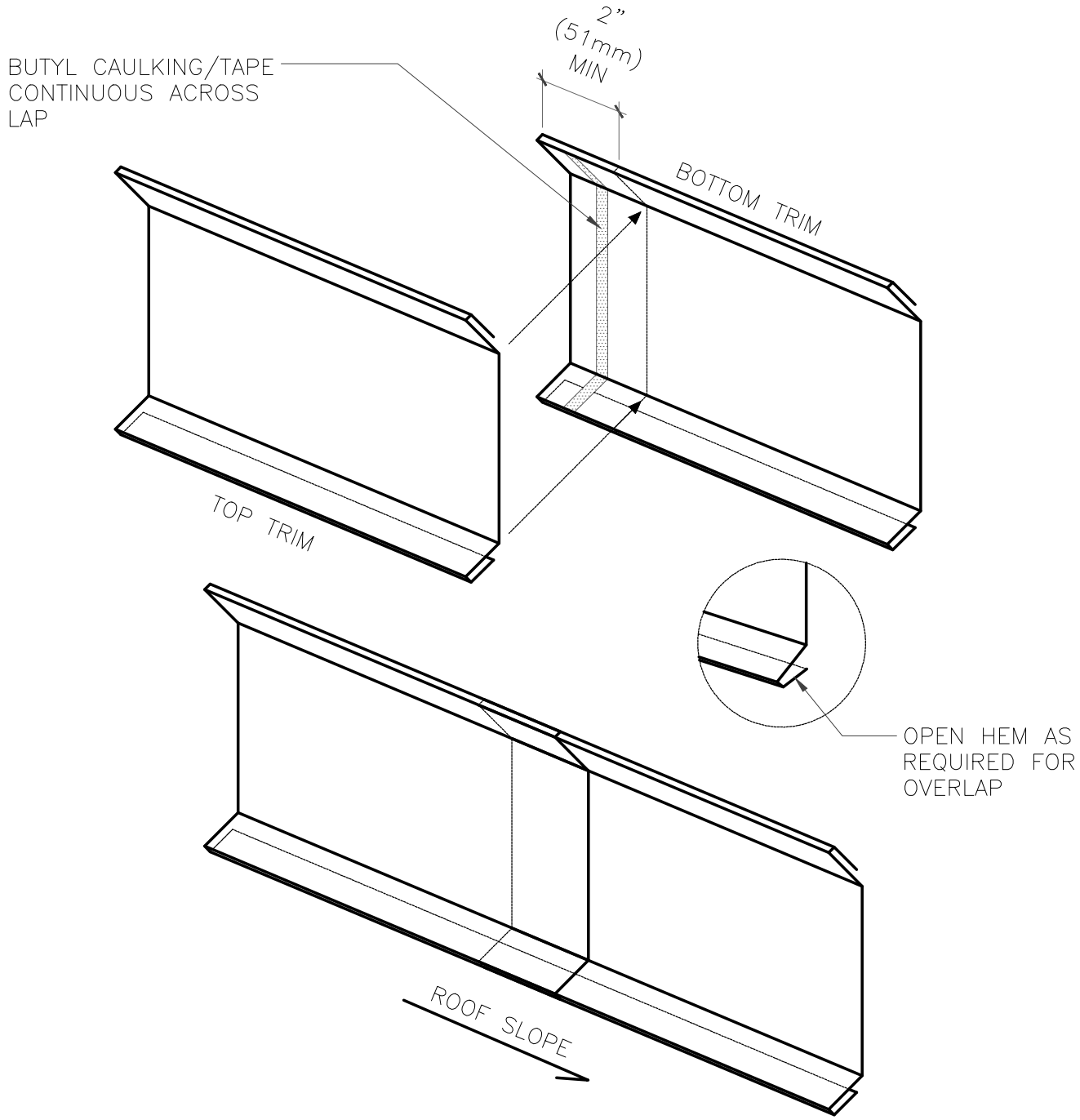
CHIMNEY TRIMS ON HIGH END



SIDEWALL / ENDWALL OVERLAP



REGLET TRIM


2"
(51mm)
MIN
BUTYL CAULKING/TAPE
CONTINUOUS ACROSS
LAP
BOTTOM TRIM
TOP TRIM
OPEN HEM AS
REQUIRED FOR
OVERLAP
ROOF SLOPE