

# HIGGINS

## STEEL ROOFING

### SERIES 2000 STANDING SEAM DETAIL MANUAL



FOR METAL ROOFING SYSTEMS  
FASCIA, MANSARDS, & SOFFITS  
WALL PANELS/SIDING

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## HIGGINS CONSTRUCTION & SUPPLY CO.

The details contained in the following pages are merely suggestions/guidelines as to how our product can be installed. While we believe all information presented is accurate, it is not intended to cover all instances, building requirements, designs or codes. The details may require adaptations, changes, or revisions for each project since conditions may vary from one project to another and may be unique for each application.

The details shown are widely used methods of construction; however, it must be noted that weather tightness through the use of these details, good materials and workmanship, the use of the right type of sealant, and sealing and caulking all joints adequately.

It is the responsibility of the designer/roofing contractor /installer to ensure that the enclosed details are adapted to meet particular building requirements and to assure adequate weather tightness. Higgins shall be held harmless from any and all claims arising from a lack of weather tightness as a result of using these suggested drawings. The designer/installer must be aware of and allow for expansion/contraction of roof panels when designing and/or installing panels and flashing.

In like manner, ensuring adequacy of anchoring framing materials to walls, structures, sub girts, and cees/zees, shall be determined by the designer/installer and Higgins shall be held harmless against all claims resulting from any inadequacy. The installer should familiarize themselves with all erection instructions before starting work.

Before beginning erection of panels, the installer shall examine the substrate to ensure that all supporting members are straight, level, plumb, and true in accordance with minimum tolerances. Report any variations and potential problems to the architect. Do not start work until unsatisfactory conditions have been corrected.

Special precautions must be taken when storing and handling Galvalume, copper, etc. panels. Please contact Higgins for proper instructions and recommendations to prevent unnecessary and serious damage to panels.

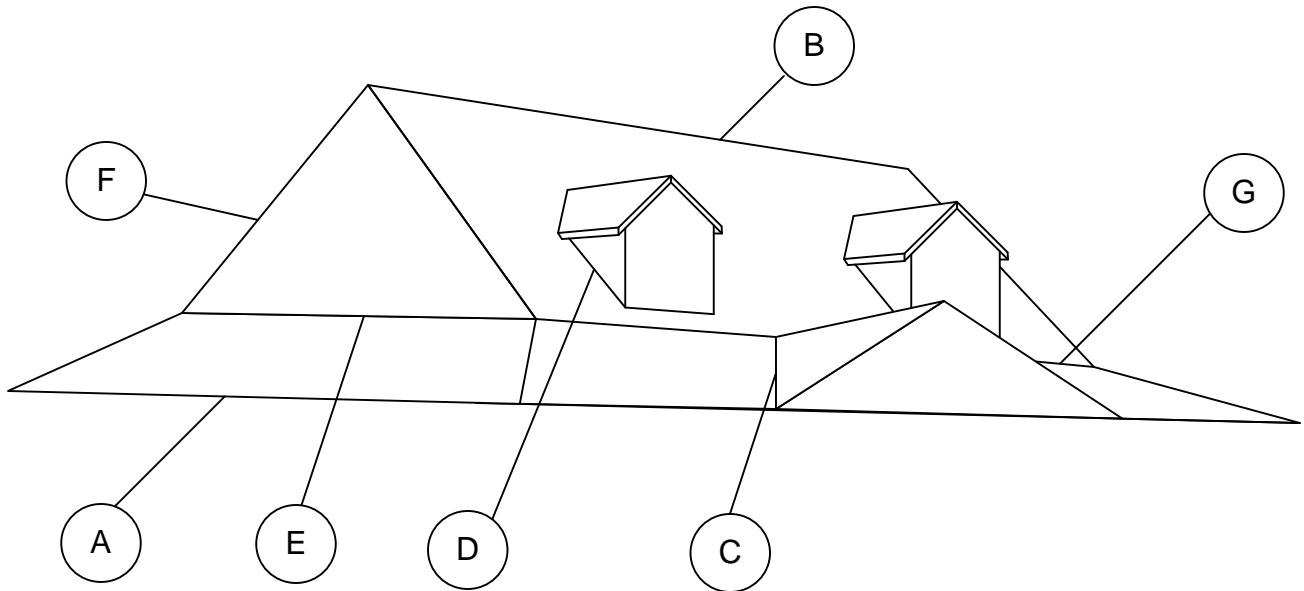
The roofing/fascia system shall be installed plumb, straight, and true to adjacent work. Seams shall be equal distance from corners, hips, mullions, columns, etc., in accordance with design concept as shown on the drawings. Horizontal panel end laps are not acceptable. Closed cell rubber closures and metal top closures shall be embedded in sealant. Roof clips, when required, shall allow for thermal movement and shall be installed at each panel joint. Longitudinal spacing of roof clips shall be as specified for design loads. No perforations shall be made in roofing/fascia by fasteners, except as shown of the drawings. To control thermal expansion in one direction the panel must be through/face fastened to the substrate below, either at the top of the panel or at the bottom of the panel.

Installation procedures, which are not indicated, shall be in accordance with the SMACNA details. Flashing and trim shall be installed true and in proper alignment, with any exposed fasteners equally spaced for best appearance.

Sealants for joints and flashing end caps shall be non-drying, non-toxic, non-shrinking, and shall have a serviceable temperature of 50 to 212 degrees F. Sealant shall be field applied on dry, clean surfaces. To ensure weather tightness, the sealant shall be installed where indicated without skips or voids. Sealants shall be furnished by others.

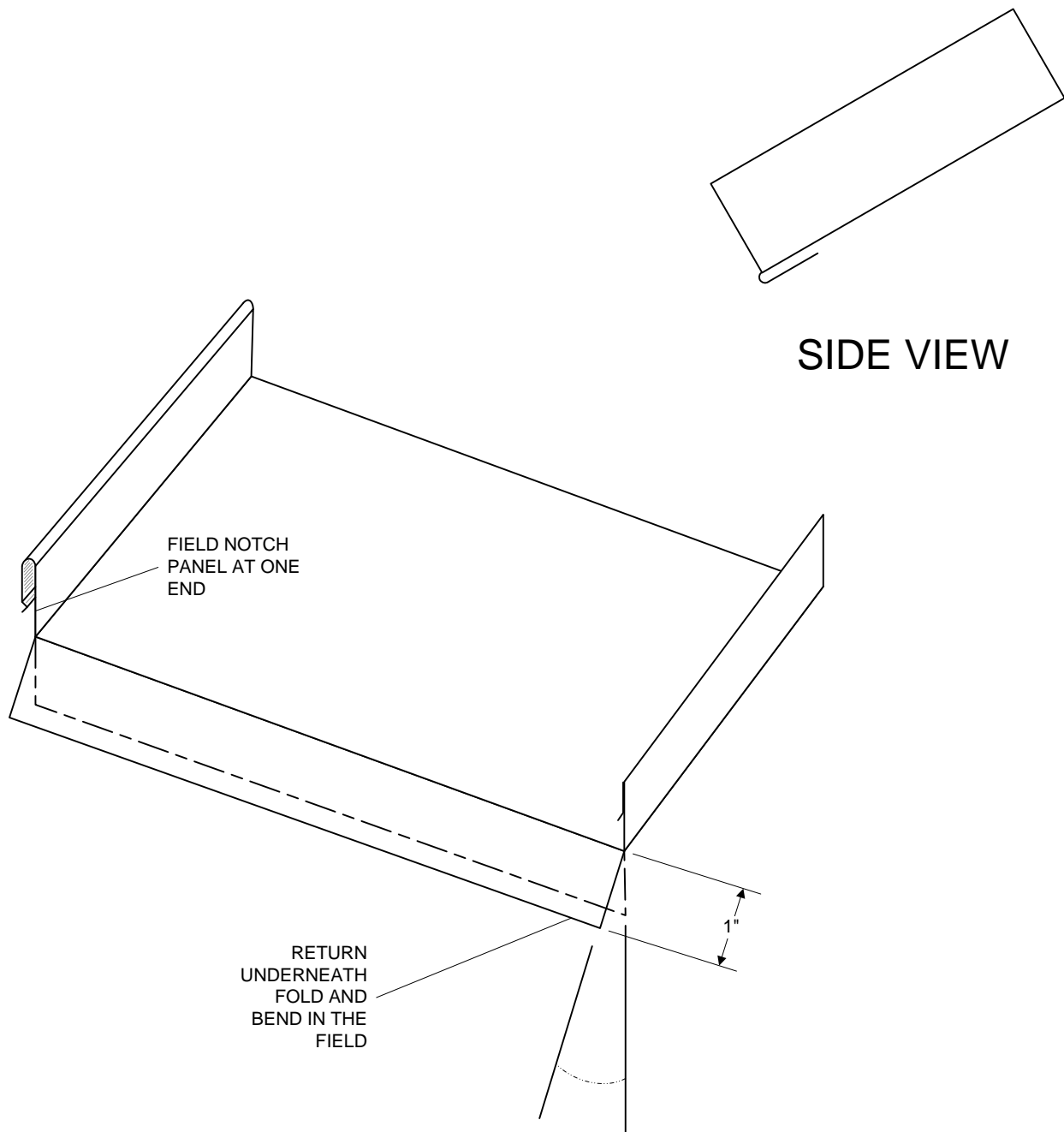
The installer may utilize details provided and procedures recommended for installation of materials. Some field cutting and fitting of panels and flashing is expected of the installer and field corrections of materials are a part of normal erection work, Workmanship shall be the best industry standards and installation shall be performed by experienced craftsmen. Oil canning in the flat areas of the pans is common to the industry and shall not be cause for product refusal.

SMACNA(Sheet Metal and Air Conditioning Contractors National Association) architectural sheet metal manual specifications shall govern for material and workmanship not shown.



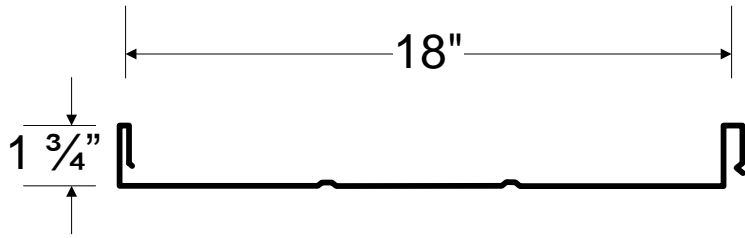
### CONSTRUCTION DETAILS LOCATION

A. EAVE DETAIL	PG. 2	D. SIDEWALL DETAIL	PG. 6
B. RIDGE DETAIL	PG. 3	E. ENDWALL DETAIL	PG. 7
B. VENTED RIDGE DETAIL	PG. 4	F. RAKE DETAIL	PG. 8
C. VALLEY DETAIL	PG. 5	G. TRANSITION DETAIL	PG. 9

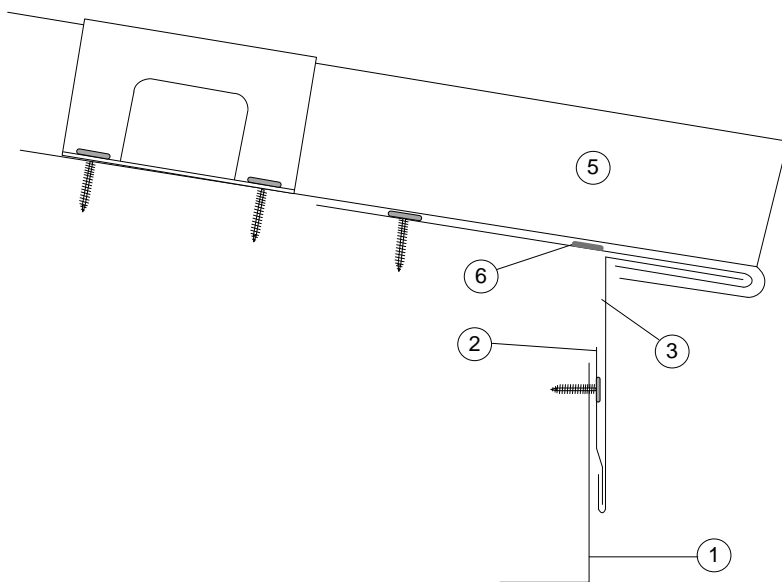
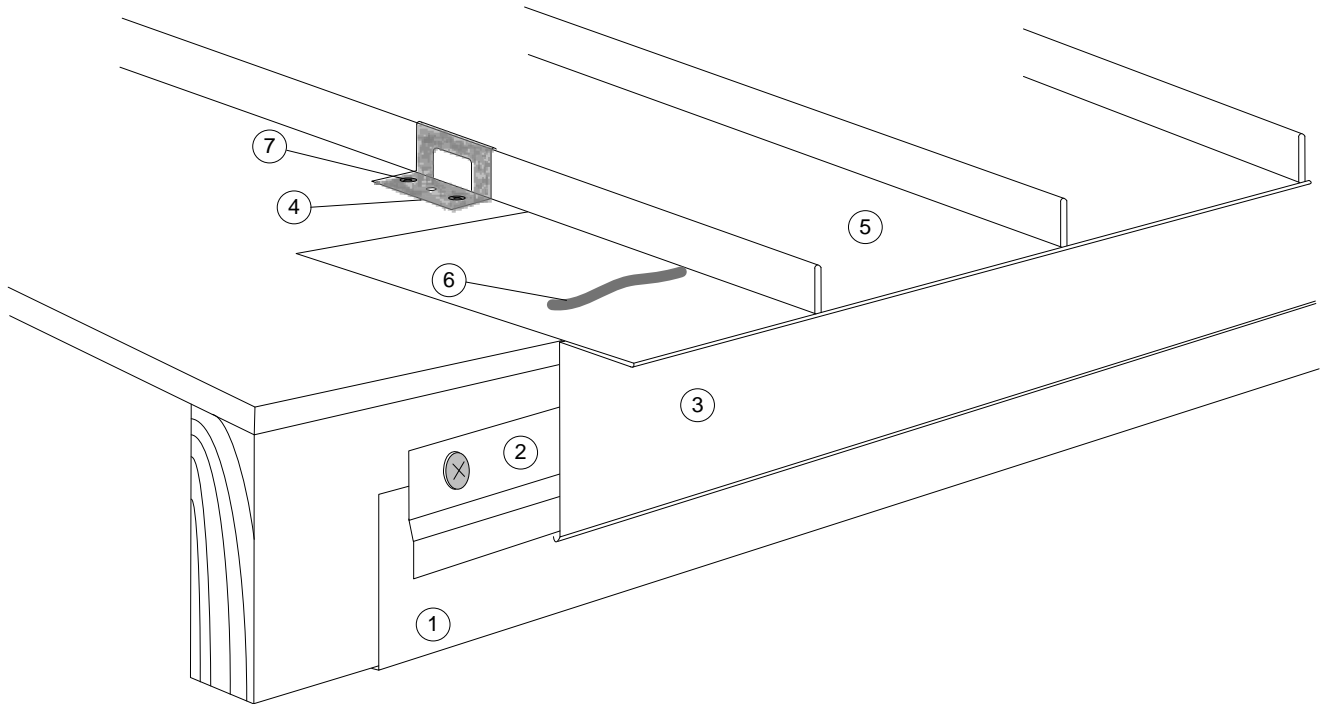
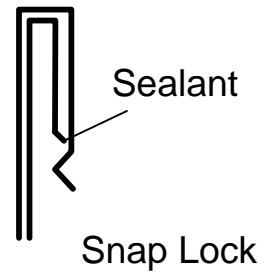


PANEL BOTTOM RETURN (FIELD FORM)  
TYPICAL FOR ALL PANELS

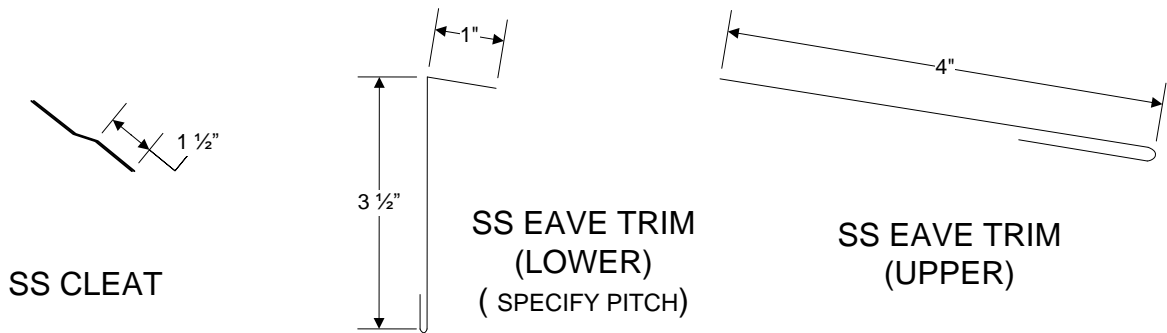
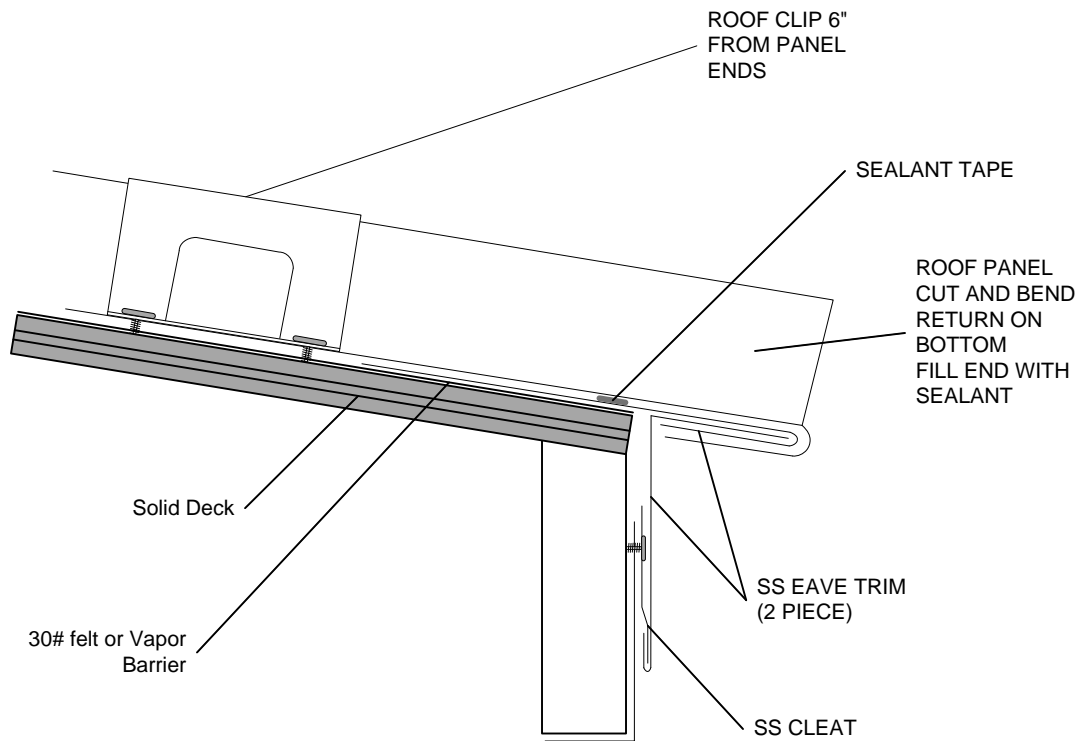
# PROFILE

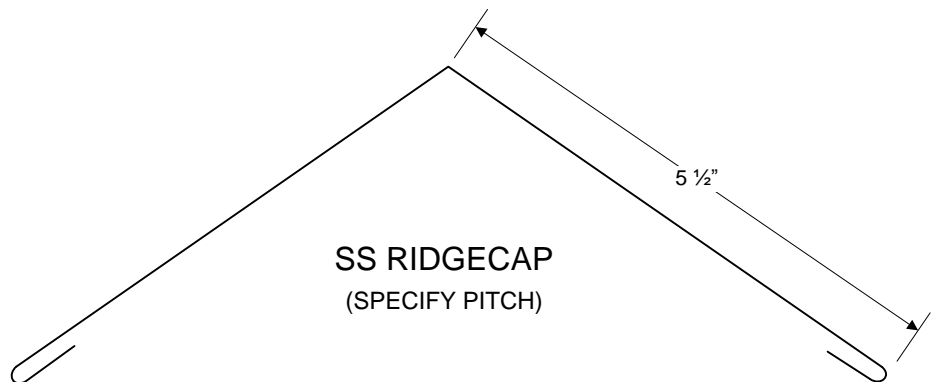
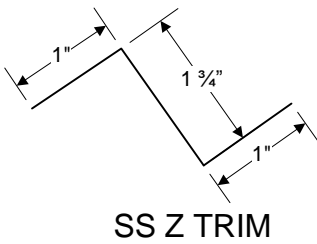
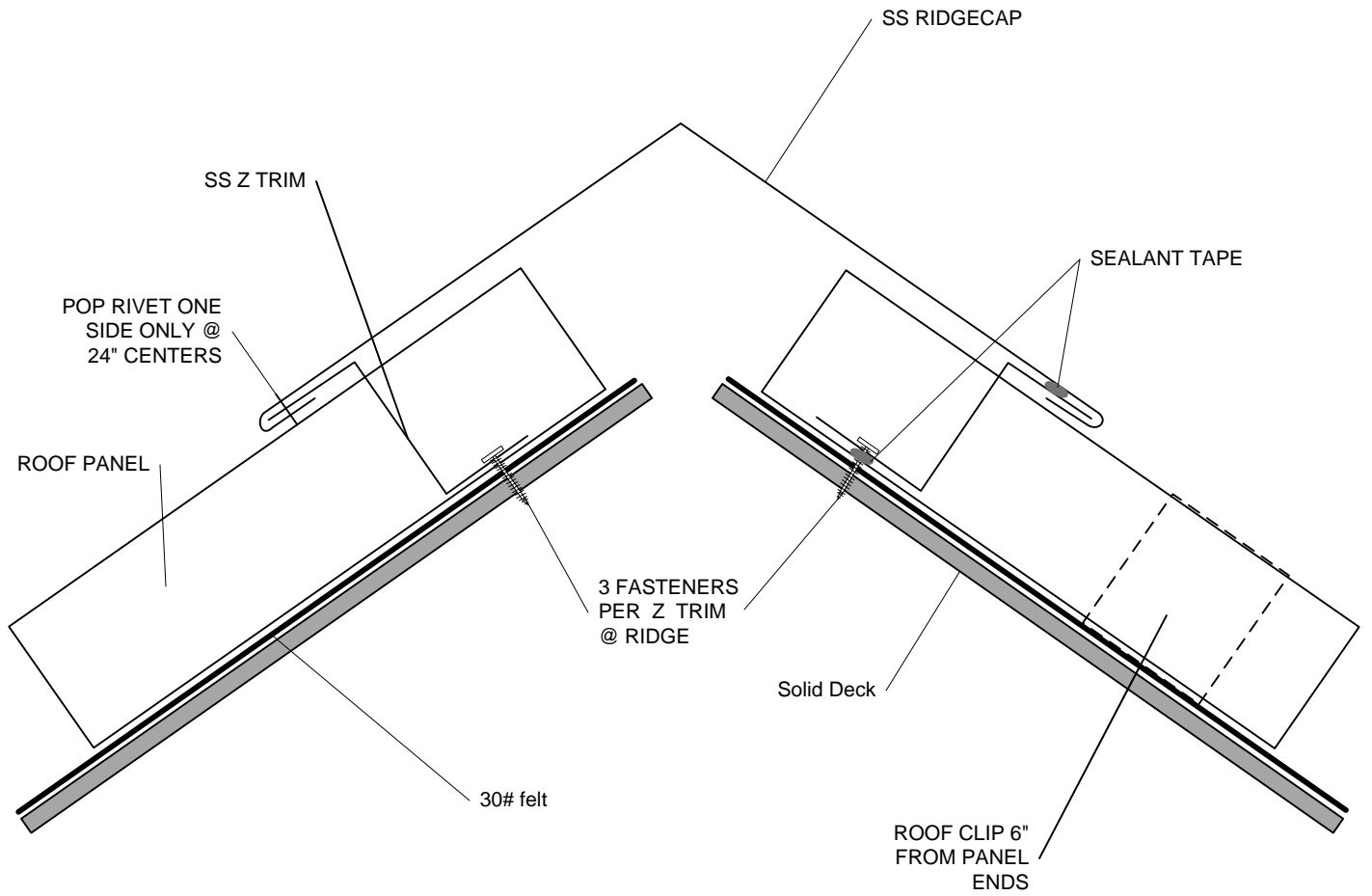


# Interlock

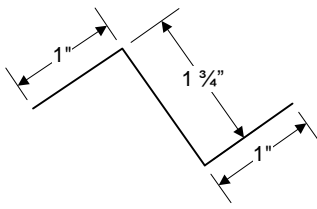
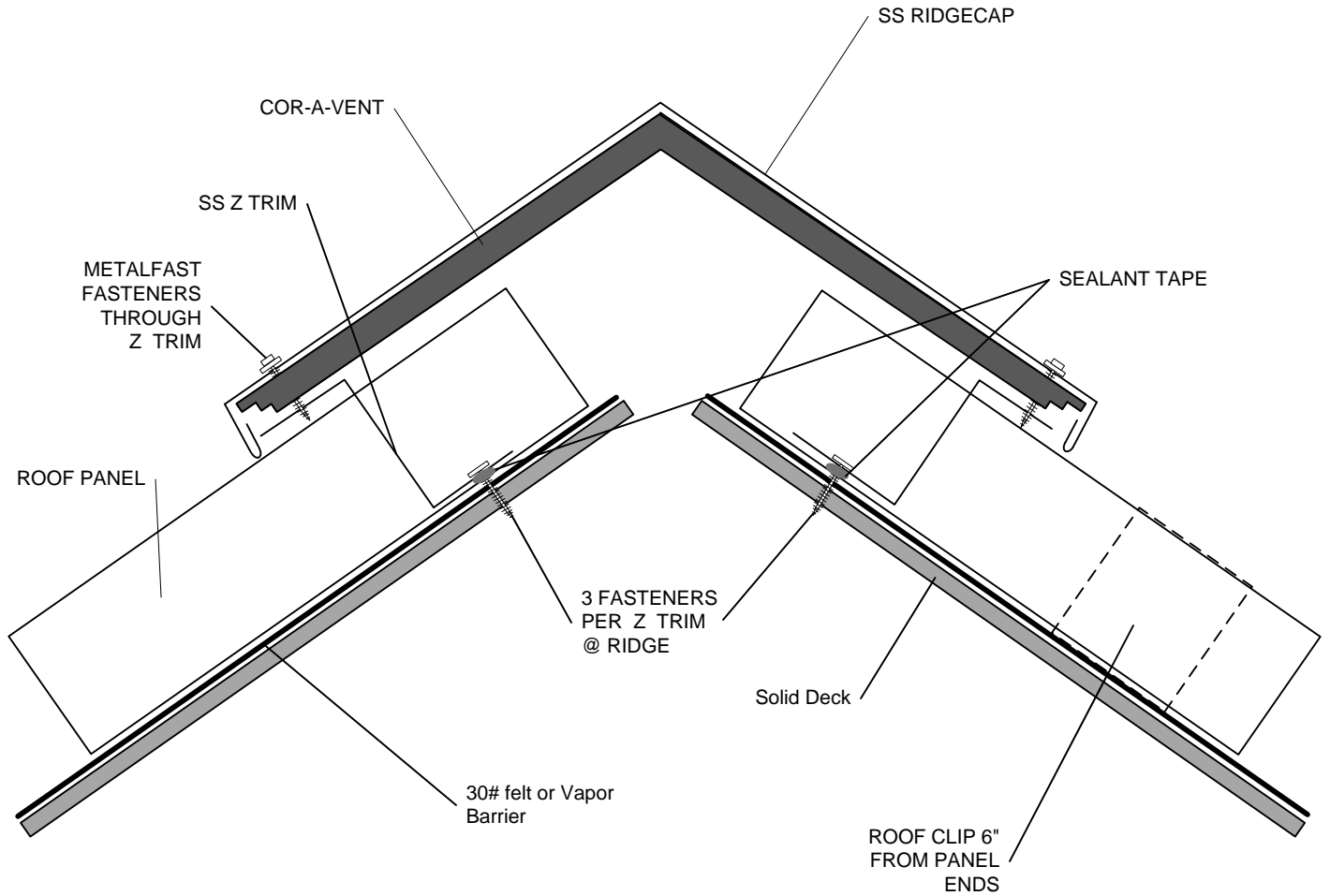


1	POST TRIM
2	CLEAT
3	EAVE TRIM
4	CLIP
5	ROOF PANEL
6	PANALASTIC
7	PANCAKE SCREW

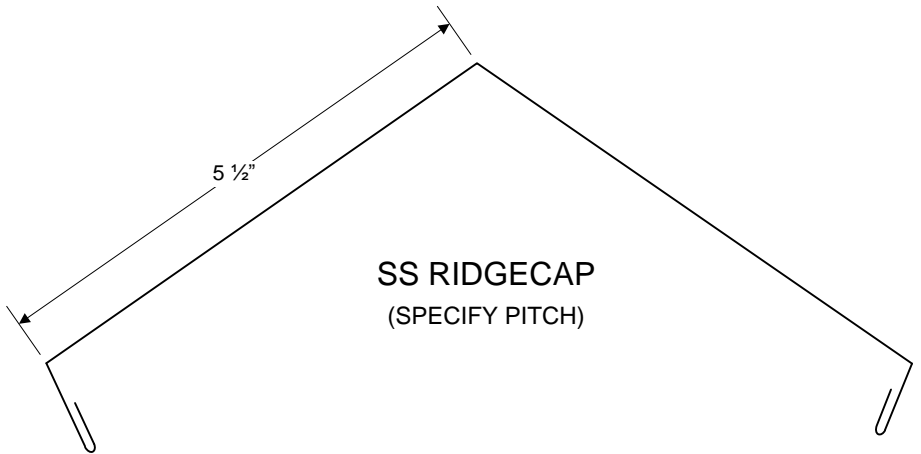




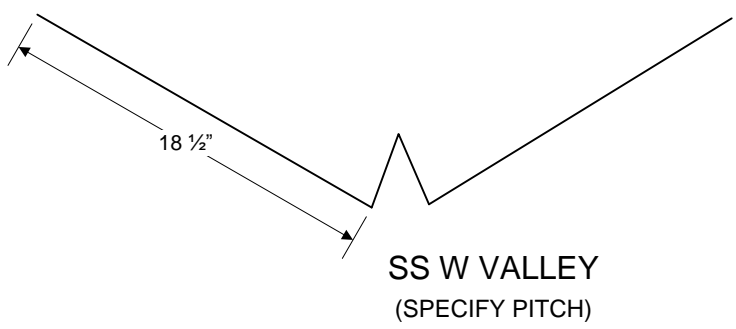
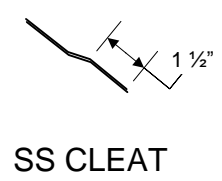
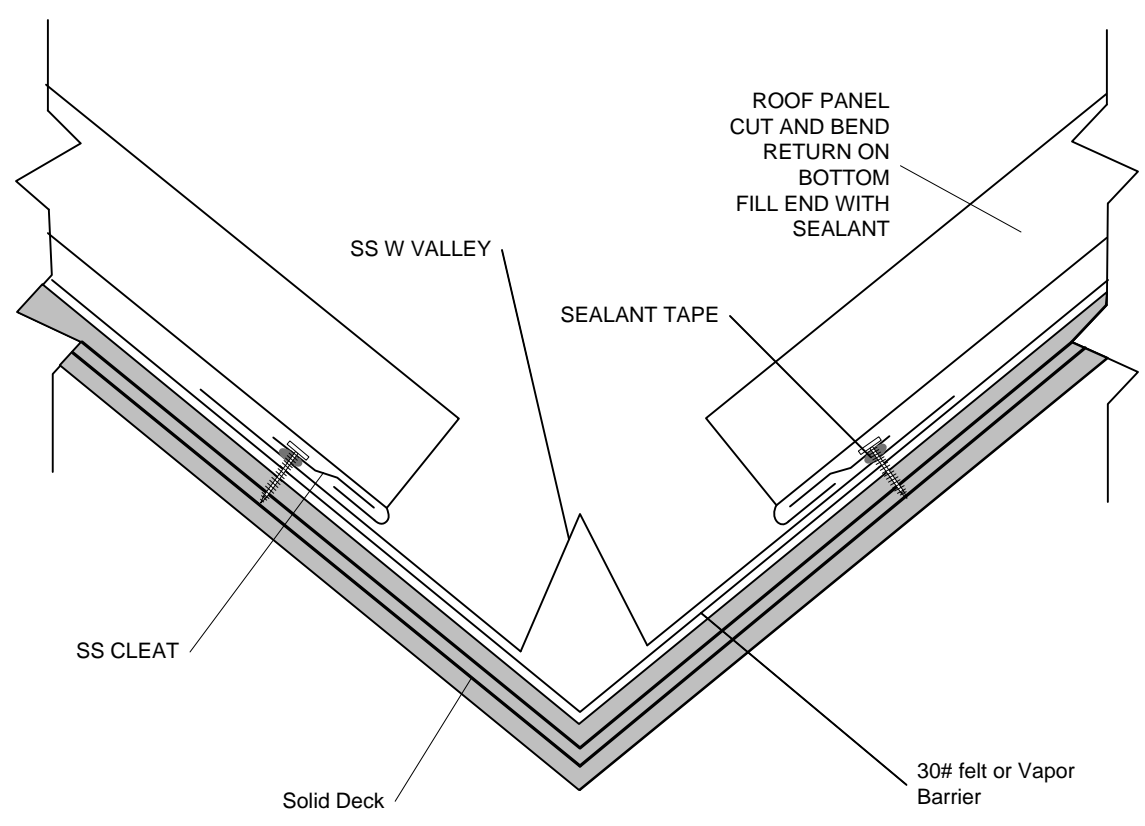


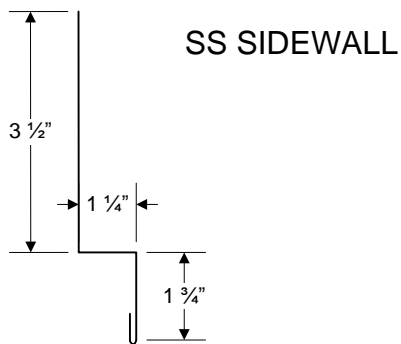
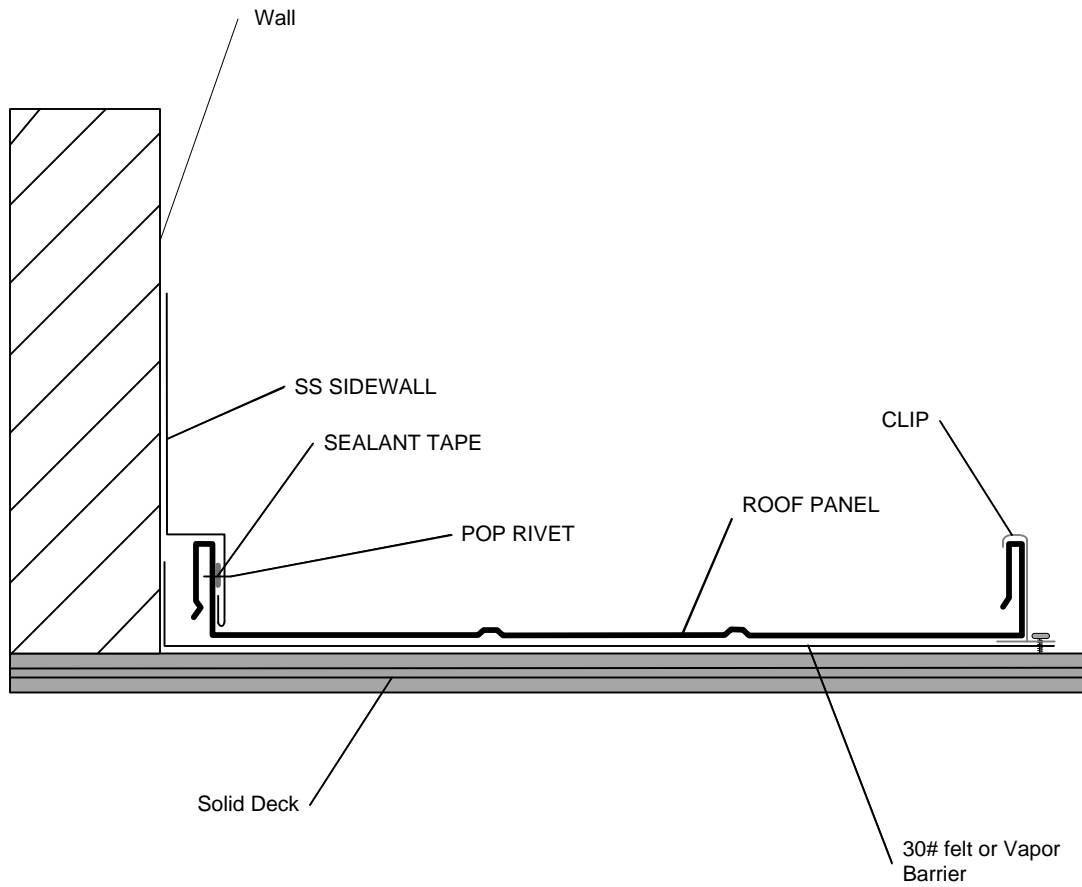


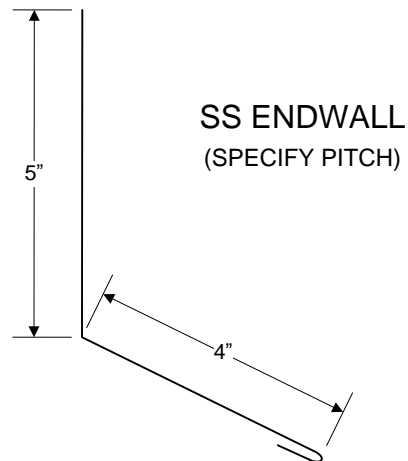
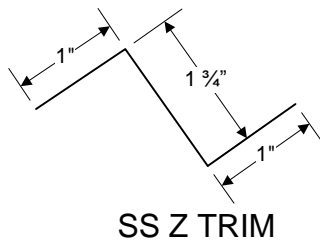
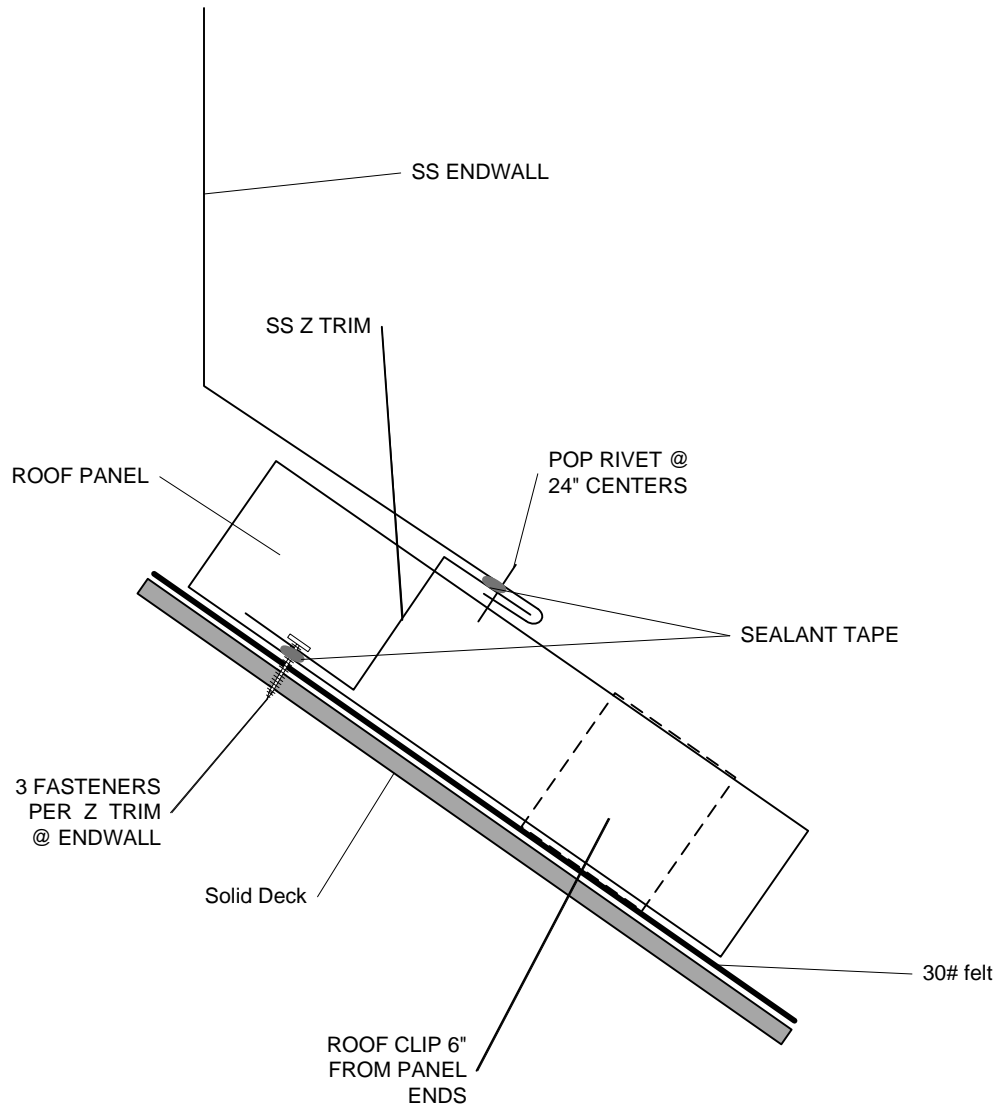
SS Z TRIM

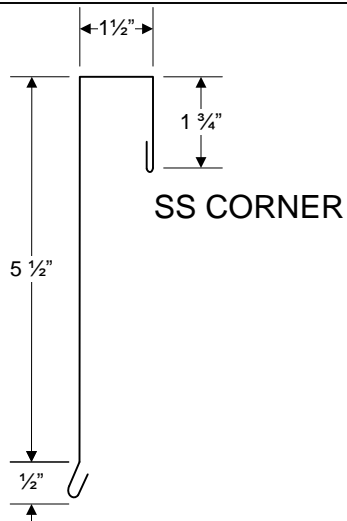
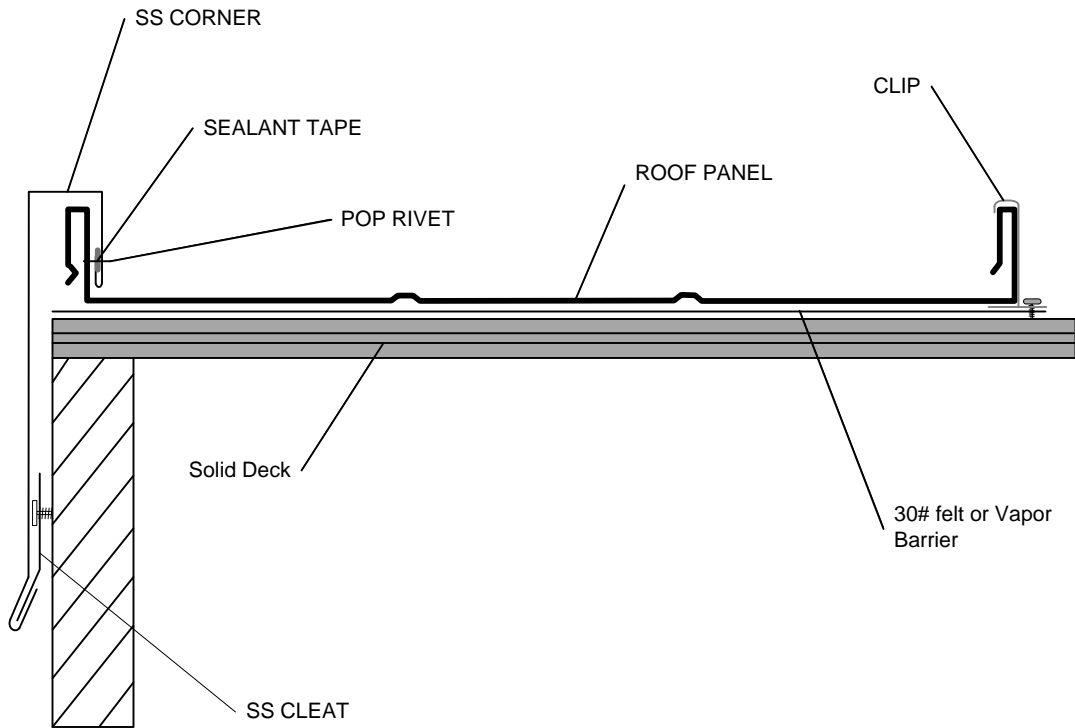


SS RIDGECAP  
(SPECIFY PITCH)









SS CORNER  
CLEAT

