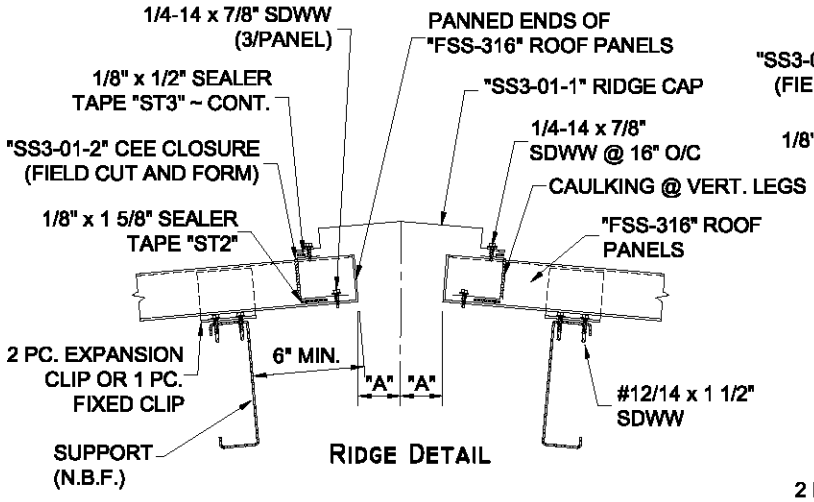
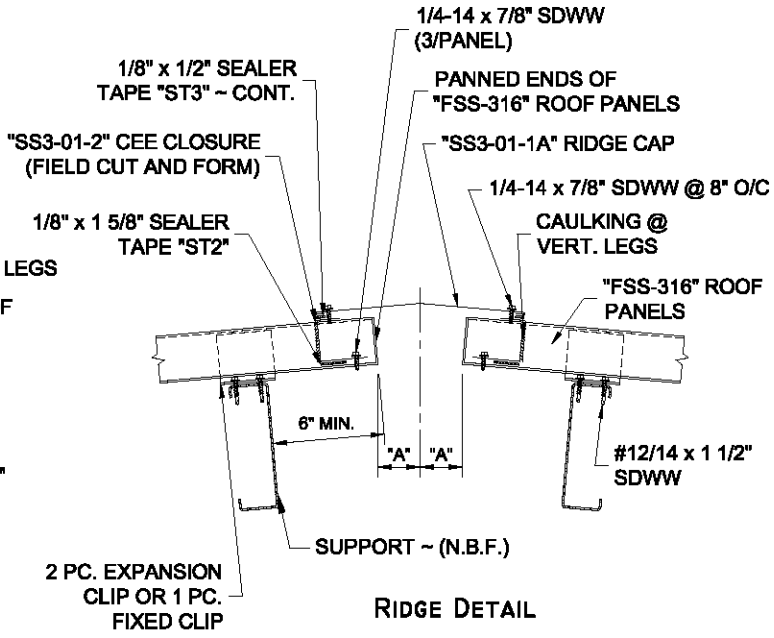
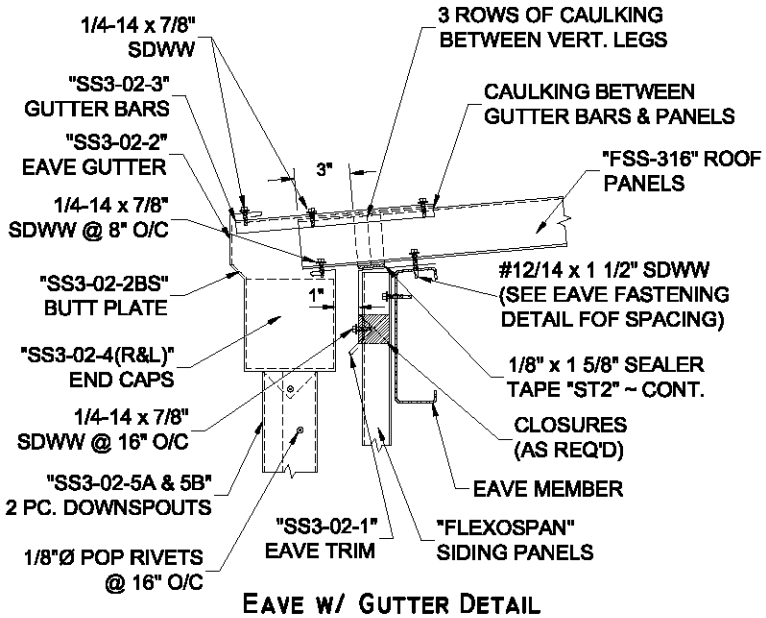
FSS-316 STANDARD DETAILS



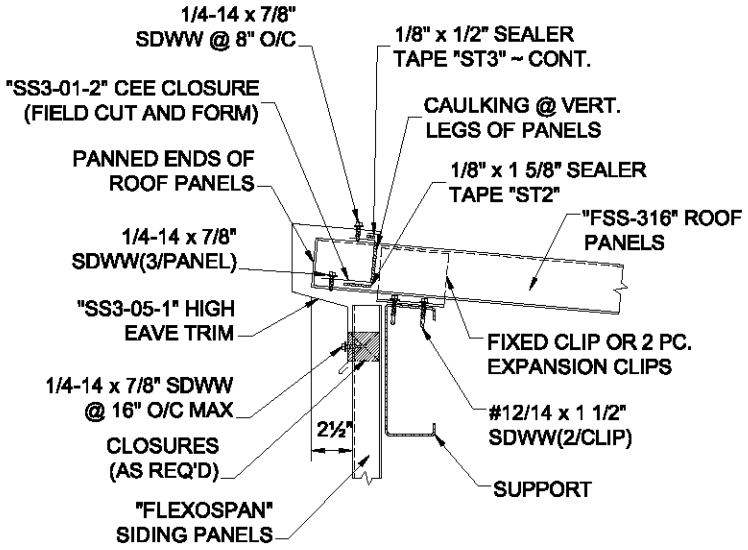
RIDGE DETAIL



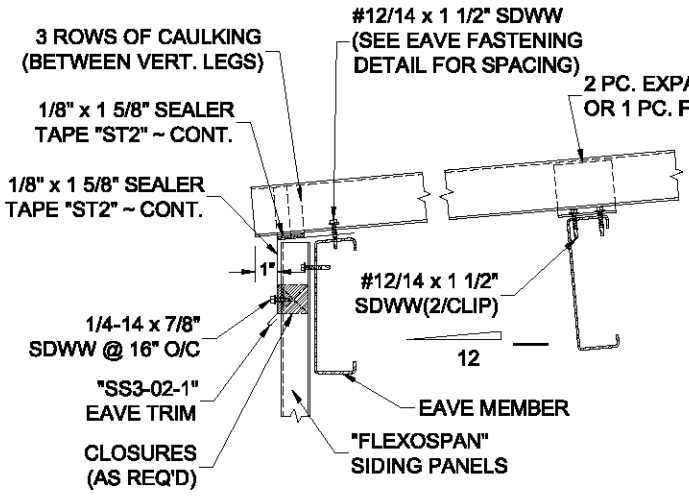
RIDGE DETAIL



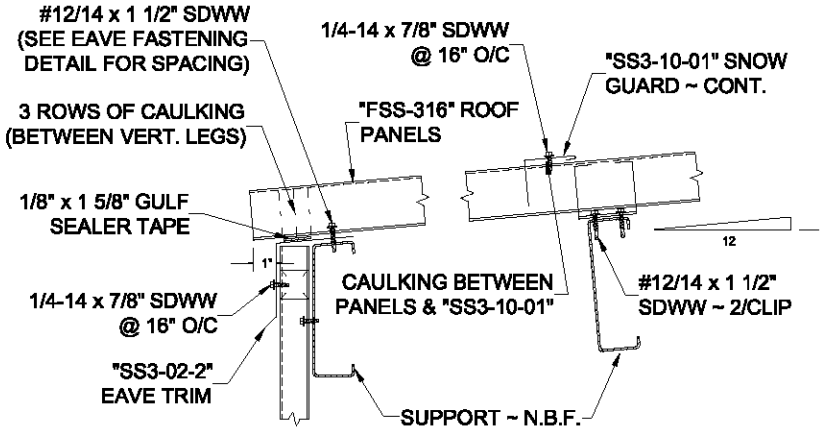
EAVE W/ GUTTER DETAIL



HIGH EAVE DETAIL



EAVE DETAIL



EAVE DETAIL

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FSS-316 INSTALLATION SPECIFICATIONS

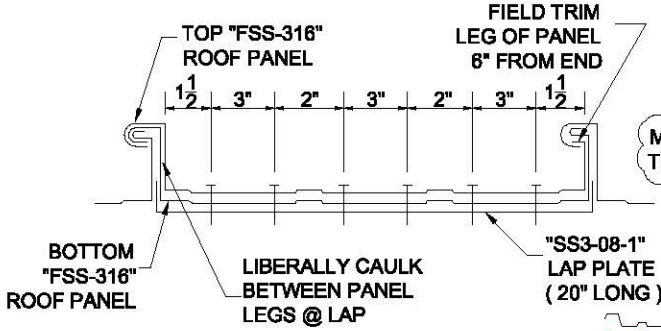
ERECTION NOTES:

1. Run a line along the edge of the gable (rake) side where you are starting with and snap a line. Make sure that the line is perpendicular to the eave.
2. Attach starter clips along the line just snapped using (2) #12 x 1½" screws with 5/8" diameter washers. Clips should be attached to each purlin, but are not necessary at the eave.
3. Apply 1/8" x 1 5/8" sealer tape "ST2" along the eave line. Run the tape out far enough to keep yourself four or five panels ahead.
4. Set the first panel over the starter clips, making sure the panel is square with building and nested onto the starter clips.
5. Hand crimp the female leg of panel to the starter clips.
6. Apply a 3/16" bead of caulk over the male leg of the panel at the points where the next row of clips will be installed (At The Purlins).
7. Install the next row of clips over the male leg of panels, "Hold the true 16" panel width & keep the upright legs vertical". Hand seam clips to panel. Apply caulking over clips.
8. Apply three rows of caulking (1/8" x 1/8" Beads) to the vertical leg of roof panel @ eave line starting at the sealer tape on top of plug closure & proceeding up leg until married into sealant on top of male leg. (See Details).
9. Field apply a continuous 3/16" x 3/16" bead of caulking to the underside of the next panel to be applied.
10. Install the female leg of panel over the male leg of the previously installed roof panel. Clamp panels near the eave, ridge, penetrations, and clip locations. Hand seam panels together 2'-0" at the eave, ridge, penetrations, and clip locations. At least three panel seams to be clamped at all times. "Hold the true 16" panel width & keep the upright legs vertical".
11. Repeat the process starting with note 7.
12. After approximately 10 panels have been installed, go back to the first panel installed and fasten it at the eave as shown in the eave fastening detail.
13. Vertical legs of roof panels at ridge to align with vertical legs on opposite side of the ridge.
14. Any cutting or beveling of panels @ ends of panel runs, hips, valleys, or penetrations to be done by the erector in the field.
15. If applicable, remove all strippable plastic from panels or trim while they are being erected.
16. To complete the process, the entire legnth of each panel must seamed. An electric seamer (On Large Projects) is available to do this process. Whether the final seaming is done when the total job is complete or at the end of each day is dependent upon the requirements of each project.
17. Any metal shavings from field cutting or drilling, must be cleaned off roof daily to prevent rust and/or discoloration of panels.
18. Installation should be done by people skilled in this trade, using proper safety procedures.
19. Self driller screws are shown, A-PNT, B-PNT, Woodtites, etc. Screws can be substituted at customer's request.
20. If you are matching existing trim, provide drawings and dimensions for each.
21. Fixed clips can be substituted for expansion clips under 40" panel lengths.
***22.** Customer to provide drawings and dimensions.

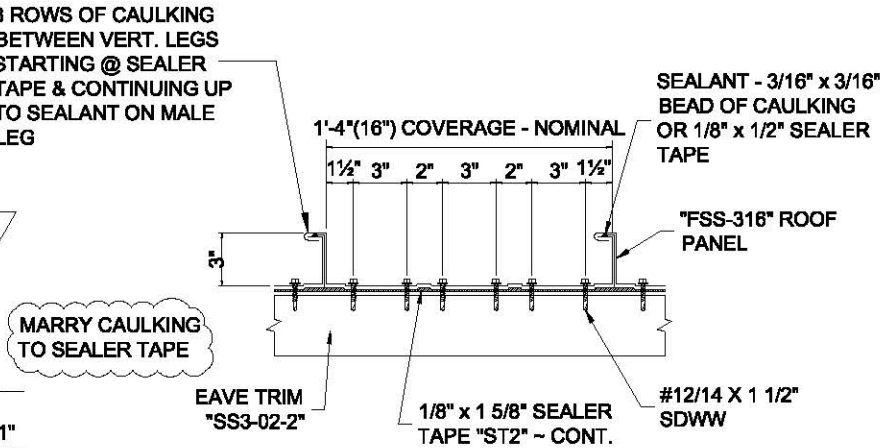
GENERAL NOTES:

1. Cut charges apply to panels over 40'-0" lg. and to panels under 6'-0" lg.
2. Due to the individualized nature of projects, the customer is responsible for the correct panel lengths and quantities, and all accessory sizes, types and quantities.
3. When unloading panels, a spreader bar and nylon straps of the proper size, length and spacing should be used by skilled personnel to prevent buckling of the panels or bodily injury.
4. Moisture on the inside of the stacked panels can be very harmful to the panels in a short period of time. Inspect the panels immediately upon arrival for any moisture that may have formed during shipment and if any moisture is present, the panels must be unpackaged, wiped dry and restacked.
5. Inside storage is preferable, but if not possible, the panels should be stored at least one foot above ground, with one end elevated, and covered loosely to allow air to circulate.

WARNING!
THIS PRODUCT IS INTENDED TO BE INSTALLED ONLY BY EXPERIENCED AND QUALIFIED CRAFTSPEOPLE. FAILURE OF INSTALLER TO PROPERLY PREPARE AND HANDLE PANELS COULD RESULT IN INJURY. PROVIDE ADEQUATE FALL PROTECTION



LAP FASTENING DETAIL

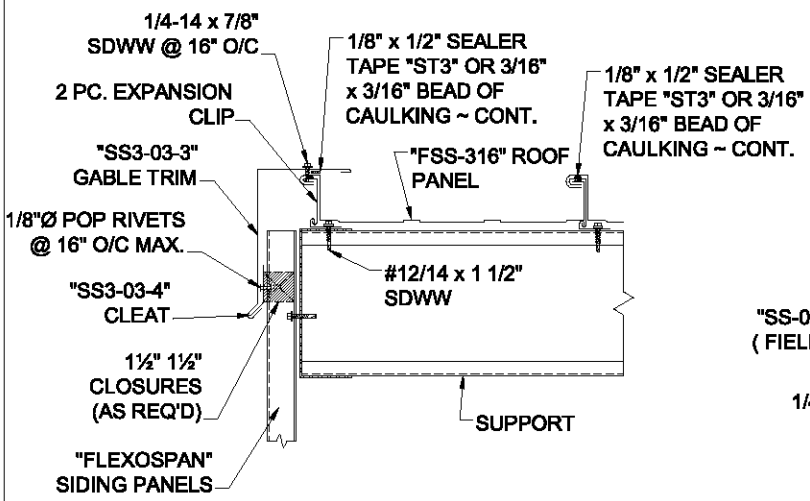


EAVE FASTENING DETAIL

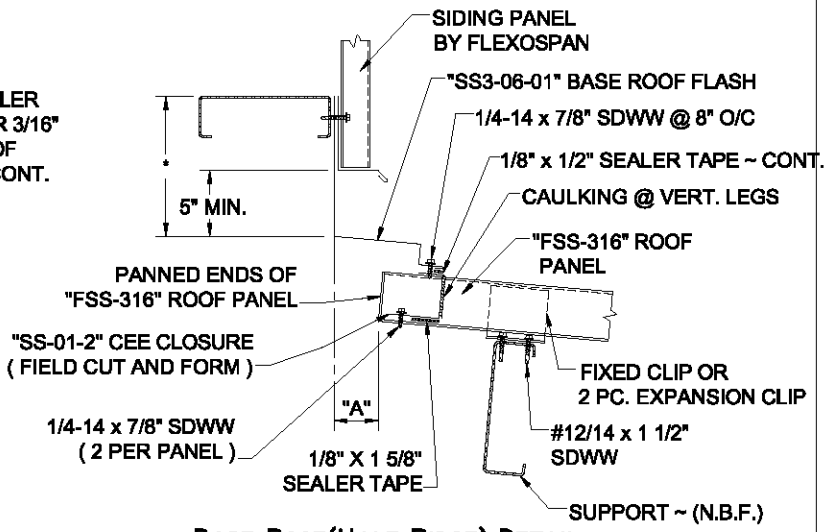
FLEXOSPAN
Flexospan Steel Buildings, Inc.
253 Railroad Street, Sandy Lake, PA 16145
Phone: (800) 245-0396 Fax: (724) 376-3864

Email sales@flexospan.com
www.flexospan.com

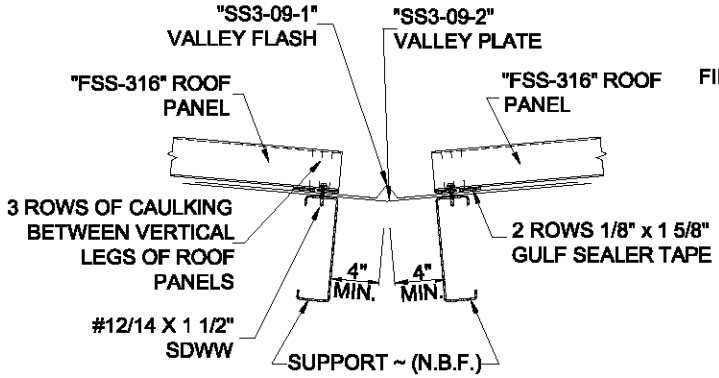
FSS-316 STANDARD DETAILS



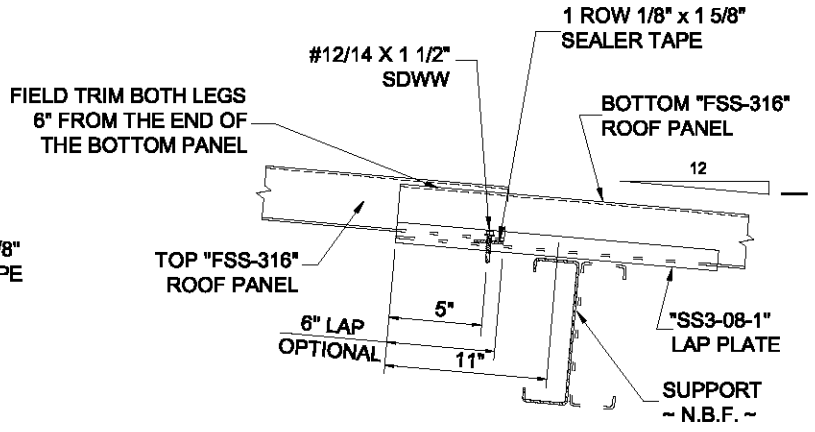
EXPANSION START GABLE DETAIL



BASE ROOF(HALF RIDGE) DETAIL



VALLEY DETAIL



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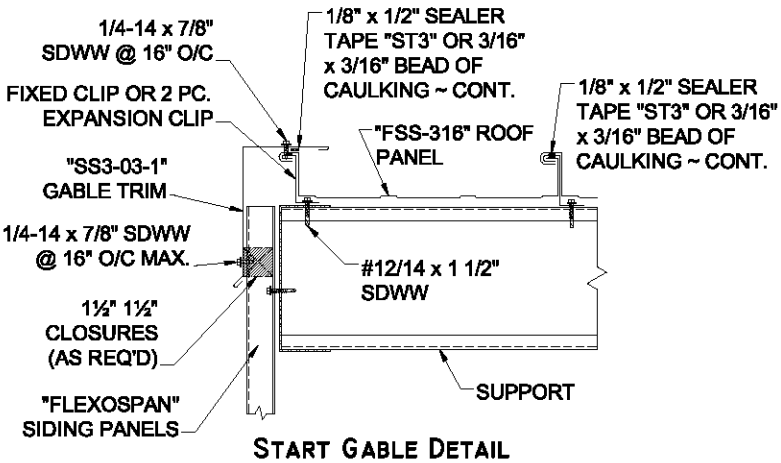
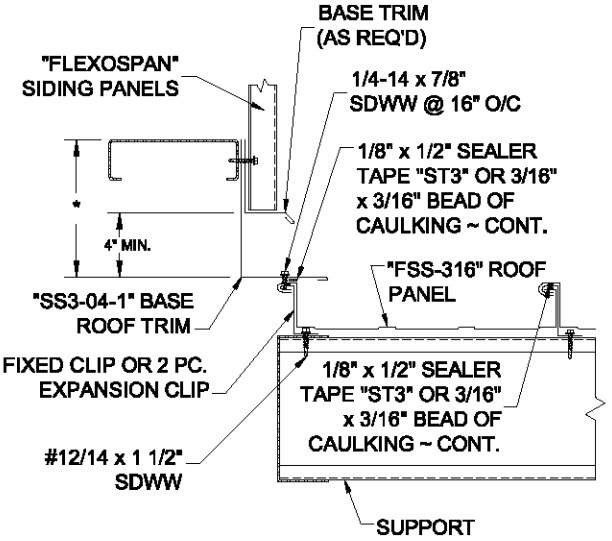


START GABLE DETAIL



START BASE ROOF DETAIL

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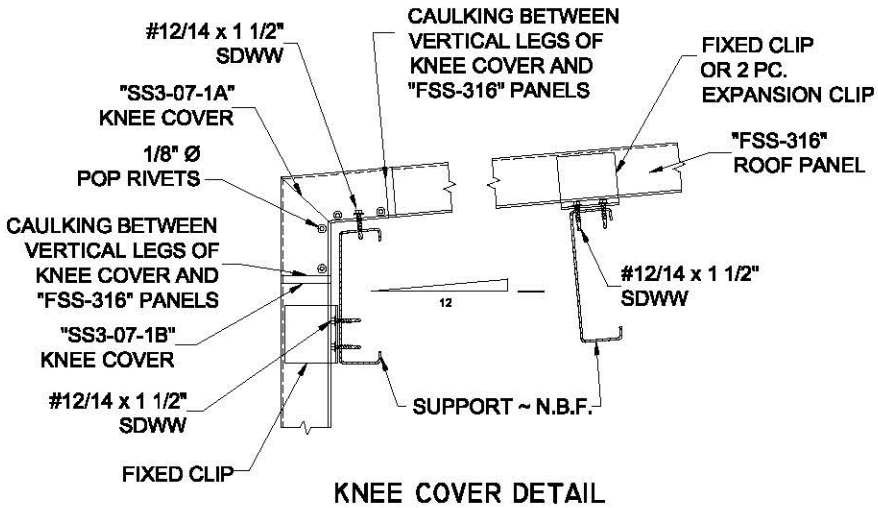
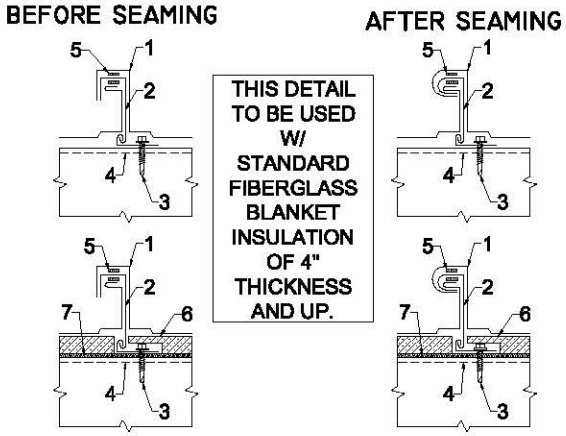
FSS-316 STANDARD DETAILS



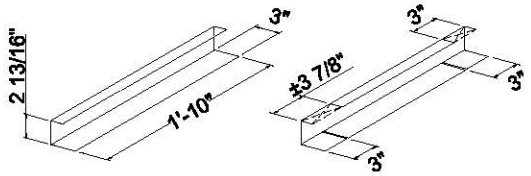
KNEE COVER DETAIL

SEAMING DETAILS



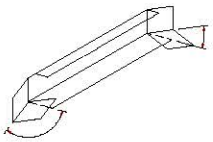
1. FLEXOPSAN "FSS-316" STANDING SEAM ROOF PANEL.
2. STANDARD 2 PC. EXPANSION CLIP OR STANDARD 1 PC. FIXED CLIP.
3. #12/14 X 1 1/2" SELF-DRILLING METAL SCREW W/ 5/8" BONDED WASHER. TWO SCREWS PER CLIP.
4. STRUCTURAL STEEL, CEE, ZEE, OR LT. GAUGE OPEN WEB JOIST.
5. NON-SKINNING, NON-DRYING SEALANT TO BE FIELD APPLIED TO INSIDE OF THE FEMALE RIB OR TO THE TOP OF THE MALE RIB AND IN EITHER CASE FIELD APPLIED OVER AND UNDER EACH CLIP.
6. INSULATION SHORTING BLOCKS ~ 1" TH. X 3" W. X 16" LG.
7. VINYL BACKED FIBERGLASS INSULATION ~ 2" MIN.

FIELD FORMING OF RIDGE CEE CLOSURES

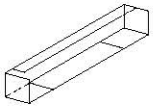


STEP 1: FIELD CUT 1'-10" PIECES FROM 10'-0" SECTIONS.

STEP 2: FIELD COPE TOP FLANGES AND NOTCH BOTTOM FLANGES.



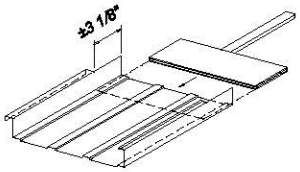
STEP 3: FIELD BEND THE CEE CLOSURE ENDS AROUND COMPLETELY TO 90°.



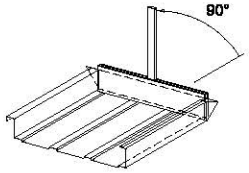
FINISHED PRODUCT

FIELD PANNING OR BOXING THE END OF THE "FSS-316" ROOF PANEL

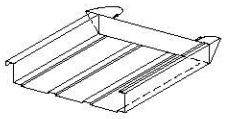
STEP 1: FIELD COPE THE PANEL BACK 3 1/8" FROM THE END.



STEP 2: INSERT THE PANNING TOOL AND FOLD THE PANEL UPWARD. BEND UNTIL A 90° BEND IS ACHIEVED.

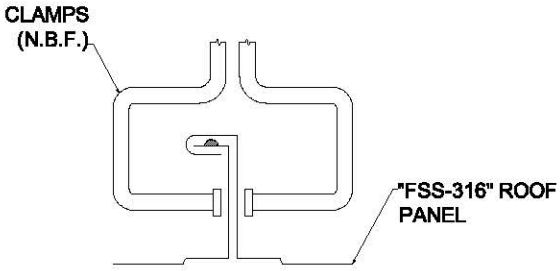


STEP 3: ONCE THE END BEND IS COMPLETED, FOLD THE EXCESS SIDE MATERIAL AROUND THE BACK OF THE PANEL; NEVER TO THE SIDES. BY FOLDING TO THE BACK IT WILL LOCK THE END BOX INTO PLACE.



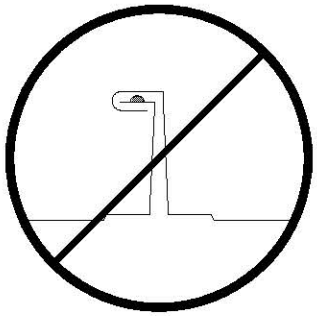
* IMPORTANT *

FAILURE TO FOLLOW DIRECTIONS GIVEN COULD RESULT IN PROBLEMS WITH ACHIEVING WEATHERTIGHTNESS & COULD CAUSE PROBLEMS WITH ATTACHMENT OF TRIM OR FLASHINGS.



CORRECT

ERECTOR NOTE:
VERTICAL LEGS OF PANELS MUST BE HELD TIGHT TOGETHER USING CLAMPS @ EAVE, RIDGE, AND CLIP LOCATIONS. THIS MAINTAINS PROPER PANEL ALIGNMENT. PANELS IS TO BE 16" WIDE.



INCORRECT

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