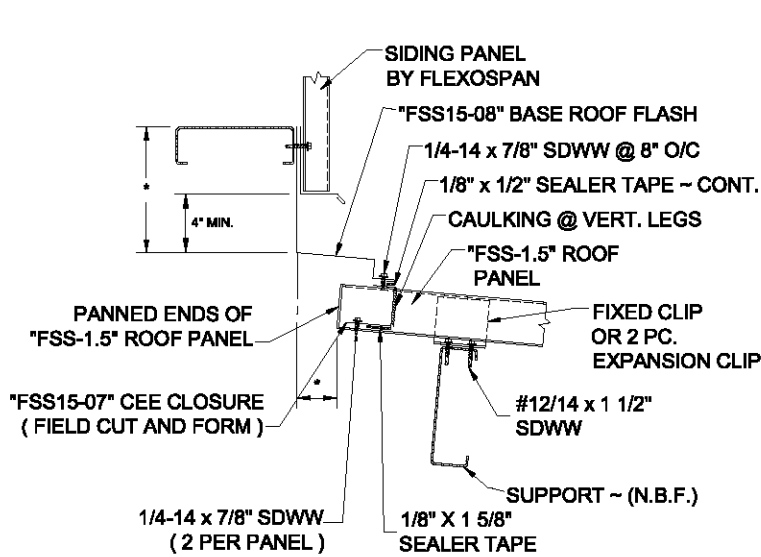
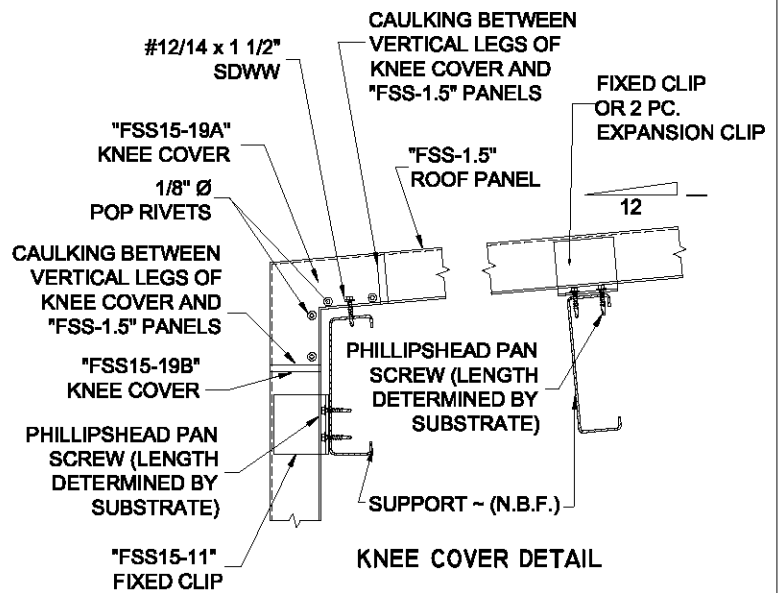


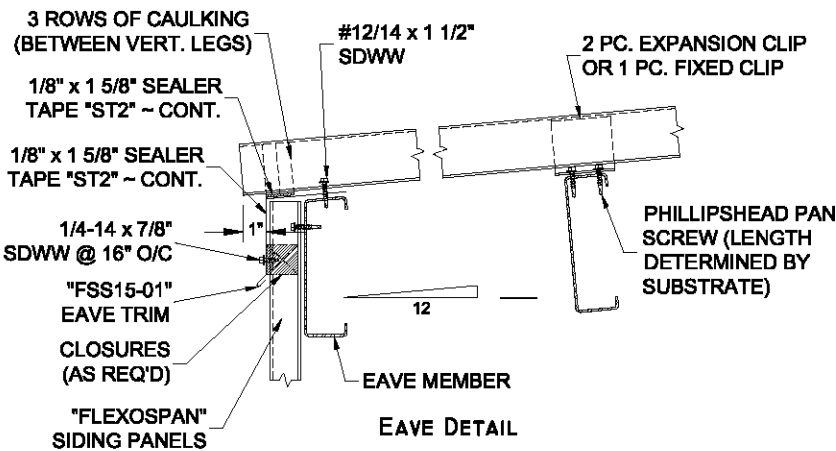
FSS-1.5 STANDARD DETAILS : STEEL



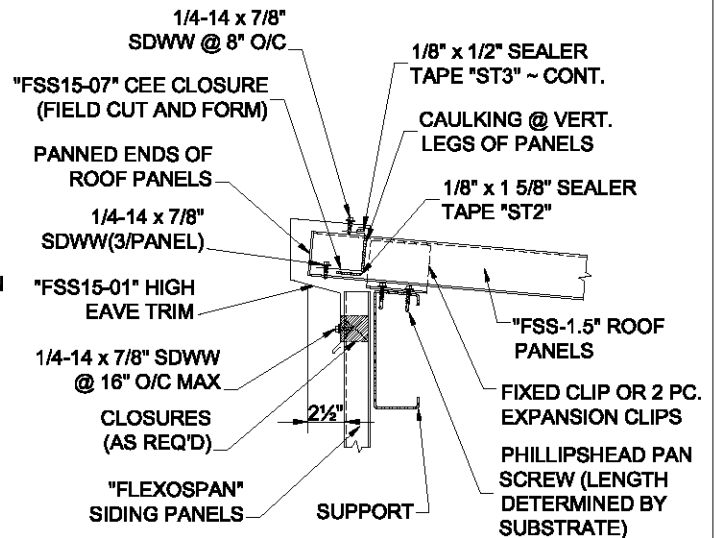
BASE ROOF(HALF RIDGE) DETAIL



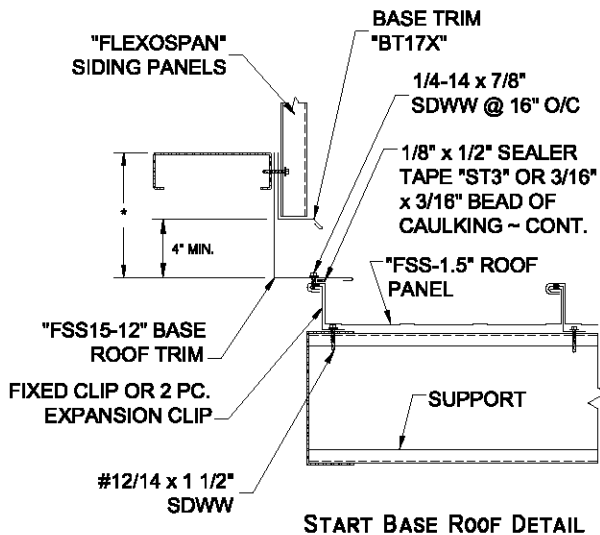
KNEE COVER DETAIL



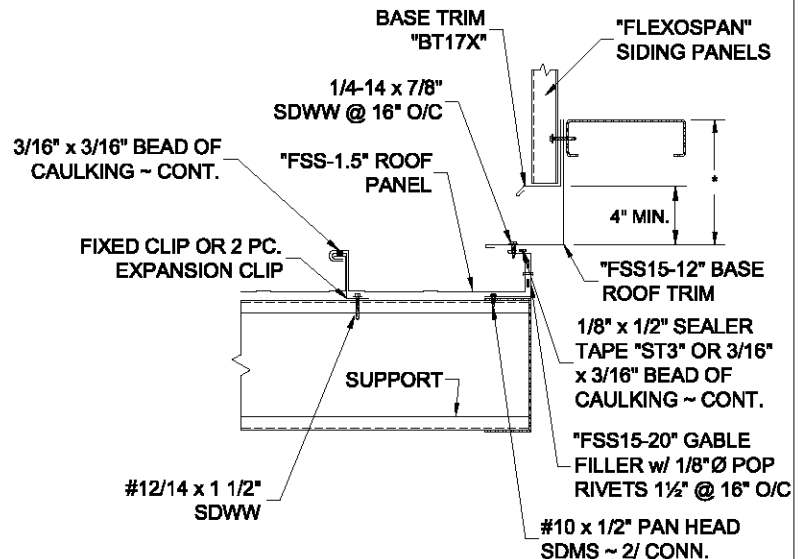
EAVE DETAIL



HIGH EAVE DETAIL



START BASE ROOF DETAIL



FINISH BASE ROOF DETAIL

FSS-1.5 INSTALLATION SPECIFICATIONS : STEEL

ERECTION NOTES:

1. FSS-1.5 is to be placed over open purlins set @ 5'-0" O/C.
2. Clip spacing is 3'-0" O/C on wood or 5'-0" O/C on purlins max.
3. Chalk line is to be used to snap a straight line perpendicular to the eave line to insure panels will be laid straight.
4. Attach starter clips along chalk line with clip fasteners.
5. Apply 1/8" x 1-5/8" sealer tape continuously along the eave line.
6. Pan form ends of panels using pan former by Flexospan.
7. Apply a continuous bead of 3/16 x 3/16 caulking to bottom of female leg of panels. Place starting panel over clips, clamp panel and clips together with vise grips, fasten eave with exposed fasteners and crimp at clips with hand seamer.
8. Apply caulking at the bottom side of female leg of clips. Apply to male leg of first panel. Fasten with clip fasteners making sure male leg is at 90 degrees apply 3 rows of caulking (1/8 x 1/8) to vertical leg of roof panel at eave line starting at the sealer tape. Repeat step 6. Clamp panels together as shown in detail using vise grips. Repeat step 7. Continue throughout roof.
9. Place string line at eave line to insure even overhang.
10. Any cutting or beveling of panels at ends of panels hips, valleys, penetrations are to be done in the field.
11. Smaller projects can be seamed using handseamer. For large projects an electric seamer is available from factory.
12. Any metal shavings from field cutting or drilling, must be cleaned off roofing (or siding) daily to prevent rust and/or discoloration of panels.
13. Installation should be done by skilled people in this trade, using proper safety procedures.
14. Insuring water-tightness on any given project is the function of the installer. The architect / general contractor / installer must accept responsibility to adapt these details to meet particular building requirements & to insure adequate water tightness.
15. Self driller screws are shown, phillips panhead selfdrilling screws can be substituted at customer's request.
- *16. If you are matching existing trim, provide drawings and dimensions for each.
17. Fixed clips can be substituted for expansion clips under 40" panel lengths.
18. 18 and 20 gauge flashings are not made w/ hems.
- *19. Customer to provide drawings and dimensions.

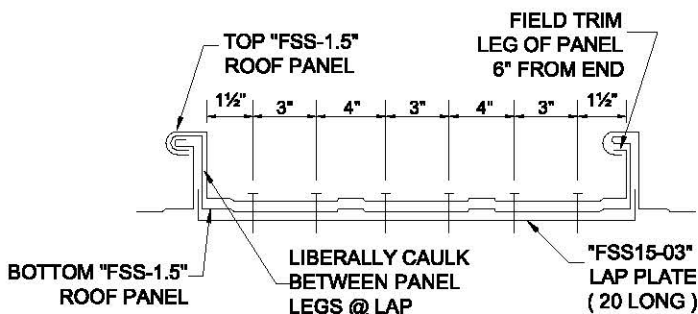
GENERAL NOTES:

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.

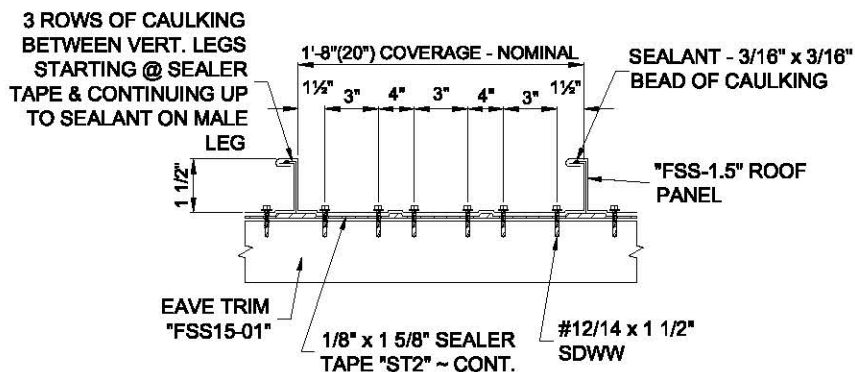
WARNING!

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

MARRY CAULKING TO SEALER TAPE



LAP FASTENING DETAIL



EAVE FASTENING DETAIL

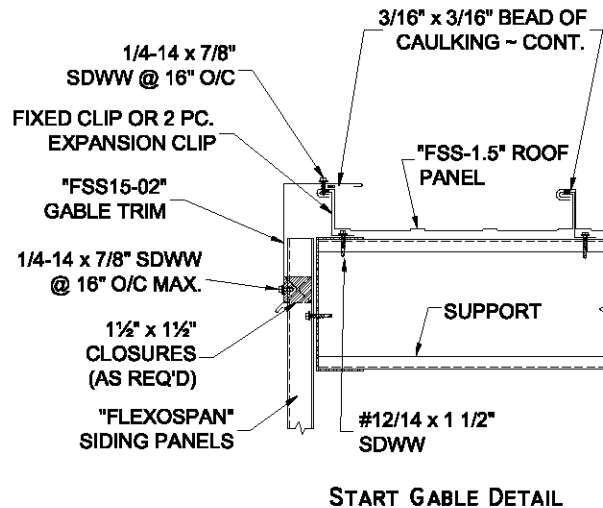
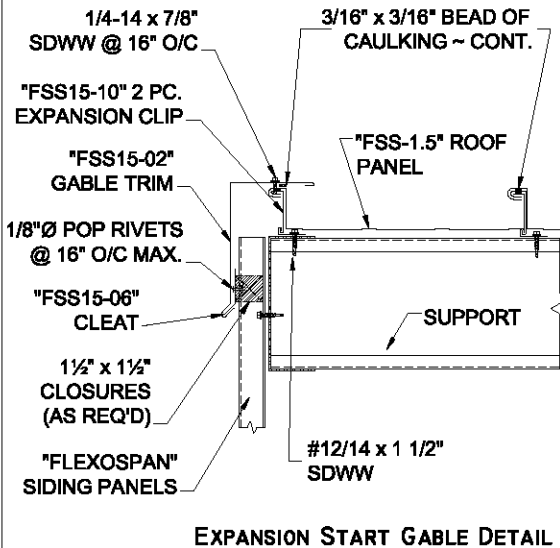
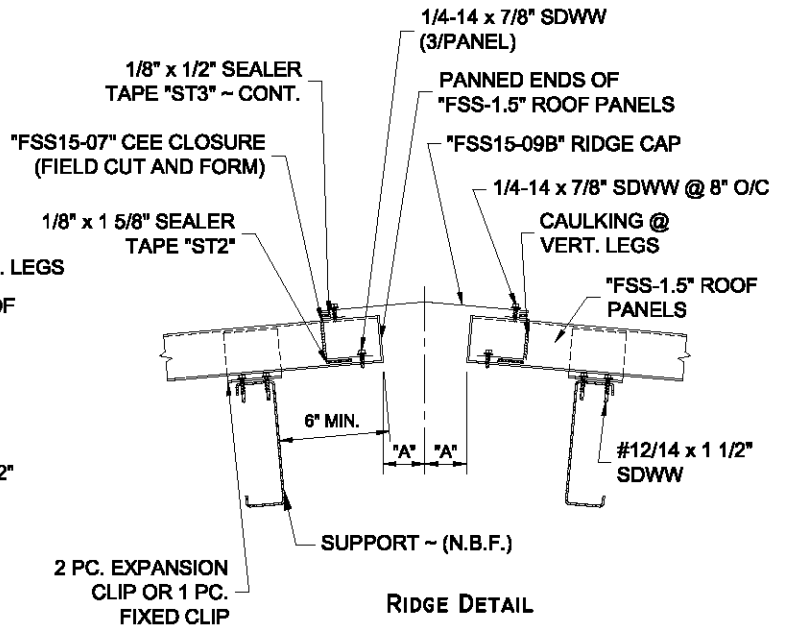
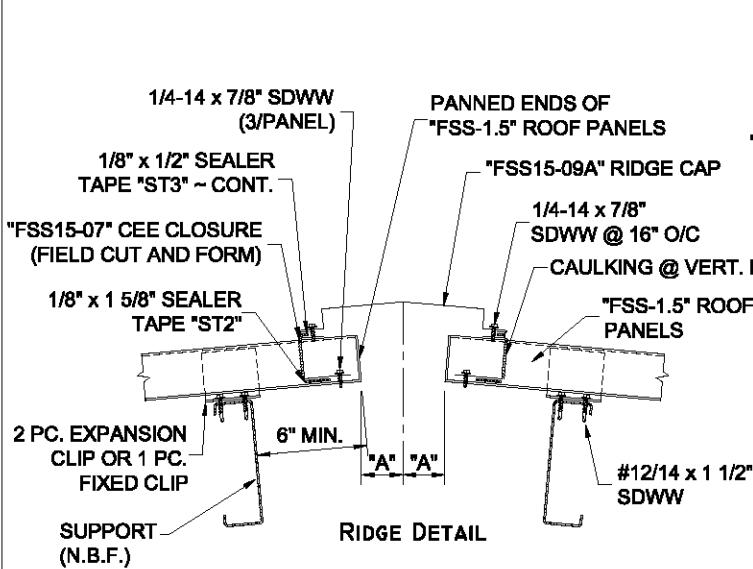
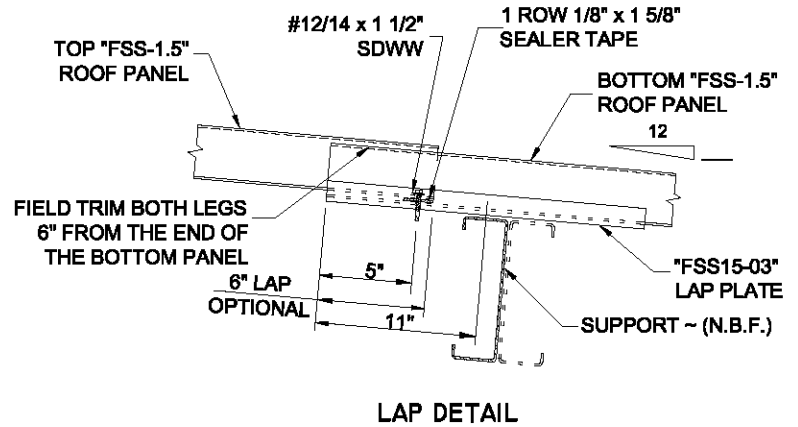
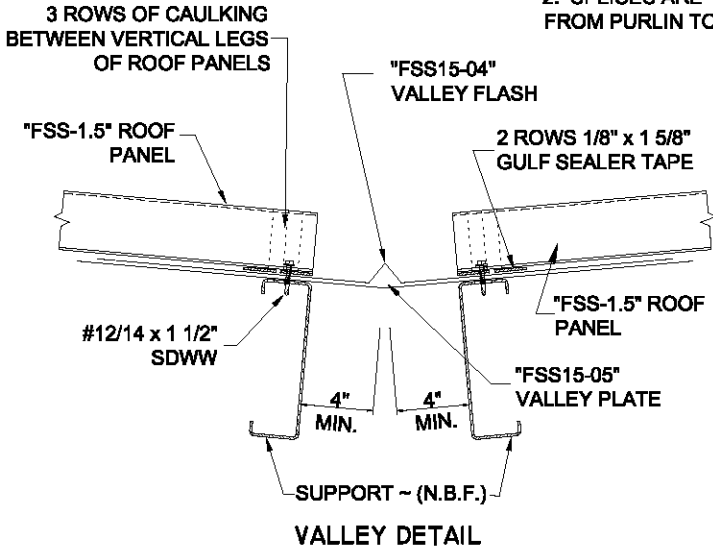
FLEXOSPAN

Flexospan Steel Buildings, Inc.
 253 Railroad Street, Sandy Lake, PA 16145
 Phone: (800) 245-0396 Fax: (724) 376-3864
 Copyright © 2001. All rights reserved.
 Email sales@flexospan.com
 www.flexospan.com

FSS-1.5 STANDARD DETAILS : STEEL

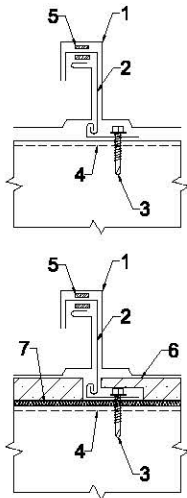
ERECTOR NOTES:

1. PANEL CLIP IS NOT SHOWN FOR CLARITY, BUT MUST BE USED @ PURLIN.
2. SPLICES ARE TO BE STAGGERED FROM PURLIN TO PURLIN.

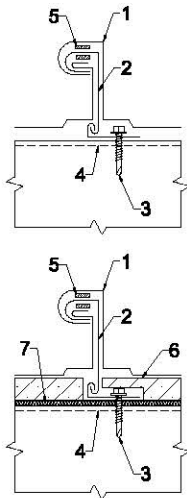


FSS-1.5 STANDARD DETAILS : STEEL

BEFORE SEAMING



AFTER SEAMING

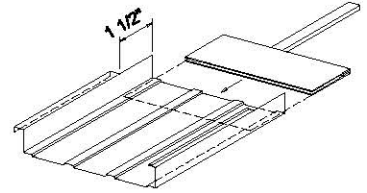


THIS DETAIL TO BE USED W/ STANDARD FIBERGLASS BLANKET INSULATION OF 4" THICKNESS AND UP.

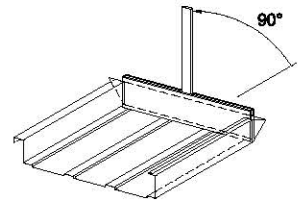
- 1 FLEXOPSAN "FSS-1.5" STANDING SEAM ROOF PANEL.
- 2 STANDARD 2 PC. EXPANSION CLIP OR STANDARD 1 PC. FIXED CLIP.
- 3 #10 x 1/2" SDMS PAN HEAD FASTENER.
- 4 STRUCTURAL STEEL, CEE, ZEE, LT. GAUGE, OR PLYWOOD DECK OPEN WEB JOIST.
- 5 NON-SKINNING, NON-DRYING SEALANT TO BE FIELD APPLIED TO INSIDE OF THE 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 PANNING OR BOXING THE END OF THE "FSS-1.5" ROOF PANEL

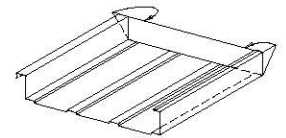
STEP 1: FIELD COPE THE PANEL BACK 1 1/2" FROM THE END.



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



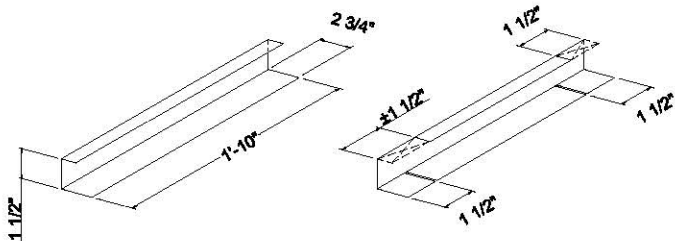
STEP 3: ONCE THE END BEND IS COMPLETED, FOLD THE EXCESS SIDE MATERIAL AROUND THE BACK OF THE PANEL; NEVER TO THE SIDES. BY FOLDING TO THE BACK IT WILL LOCK THE END BOX INTO PLACE.



* IMPORTANT *

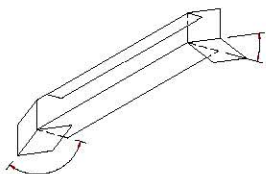
FAILURE TO FOLLOW DIRECTIONS GIVEN COULD RESULT IN PROBLEMS WITH ACHIEVING WEATHERTIGHTNESS & COULD CAUSE PROBLEMS WITH ATTACHMENT OF TRIM OR FLASHINGS.

FIELD FORMING OF RIDGE CEE CLOSURES

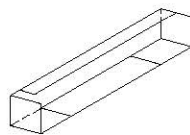


STEP 1: FIELD CUT 1'-10" PIECES FROM 10'-0" SECTIONS.

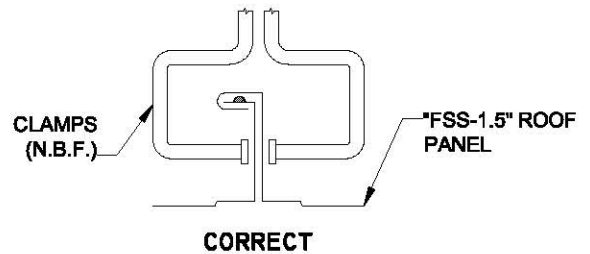
STEP 2: FIELD COPE TOP FLANGES AND NOTCH BOTTOM FLANGES.



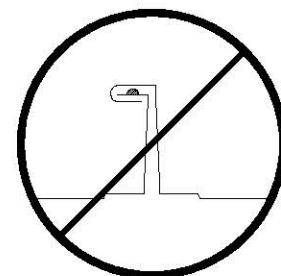
STEP 3: FIELD BEND THE CEE CLOSURE ENDS AROUND COMPLETELY TO 90°.



FINISHED PRODUCT



ERECTOR NOTE: VERTICAL LEGS OF PANELS MUST BE HELD TIGHT TOGETHER USING CLAMPS @ EAVE, RIDGE, AND CLIP LOCATIONS. THIS MAINTAINS PROPER PANEL ALIGNMENT WHILE ERECTING.



INCORRECT