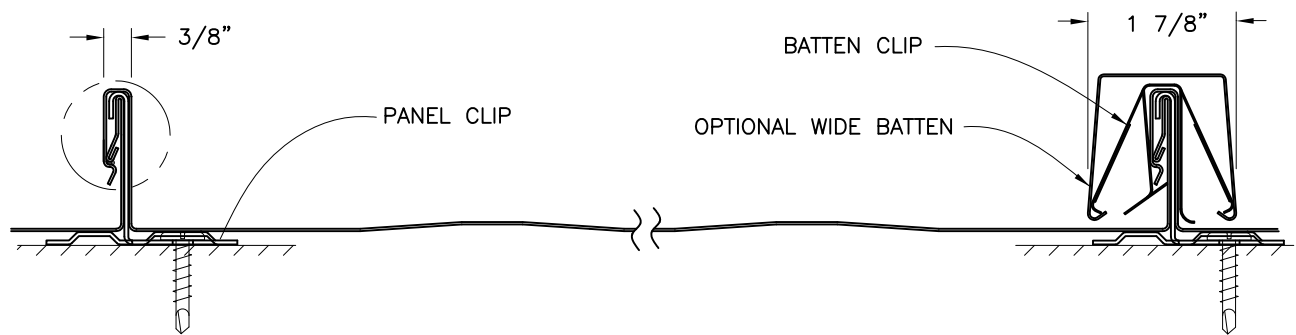
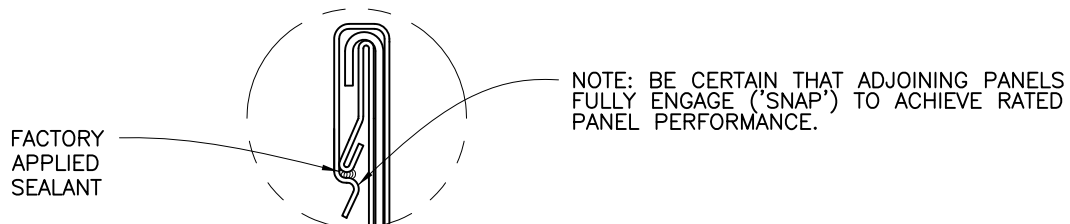


DESIGN SPAN HP PANEL



INSTALLED VIEW

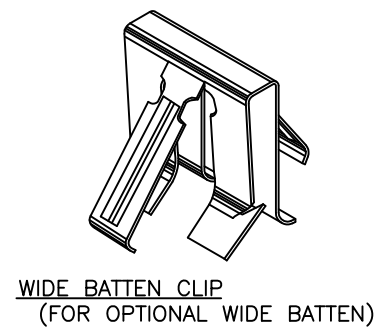
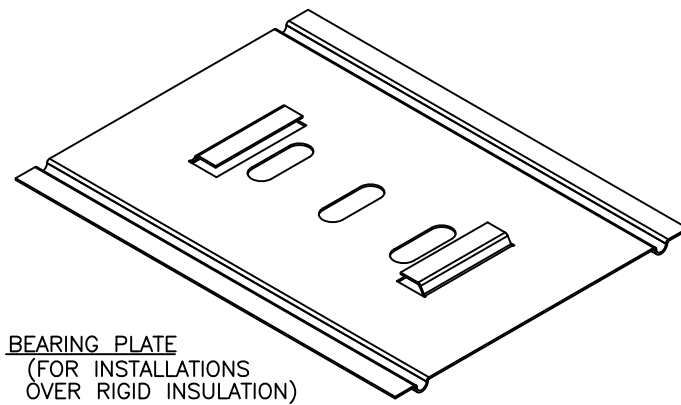
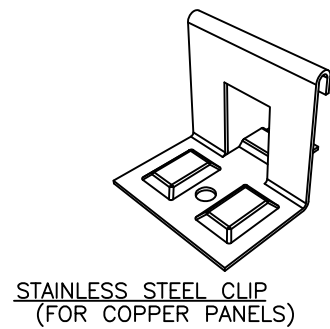
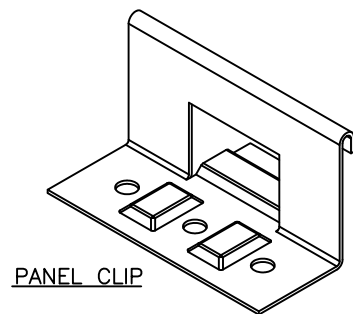
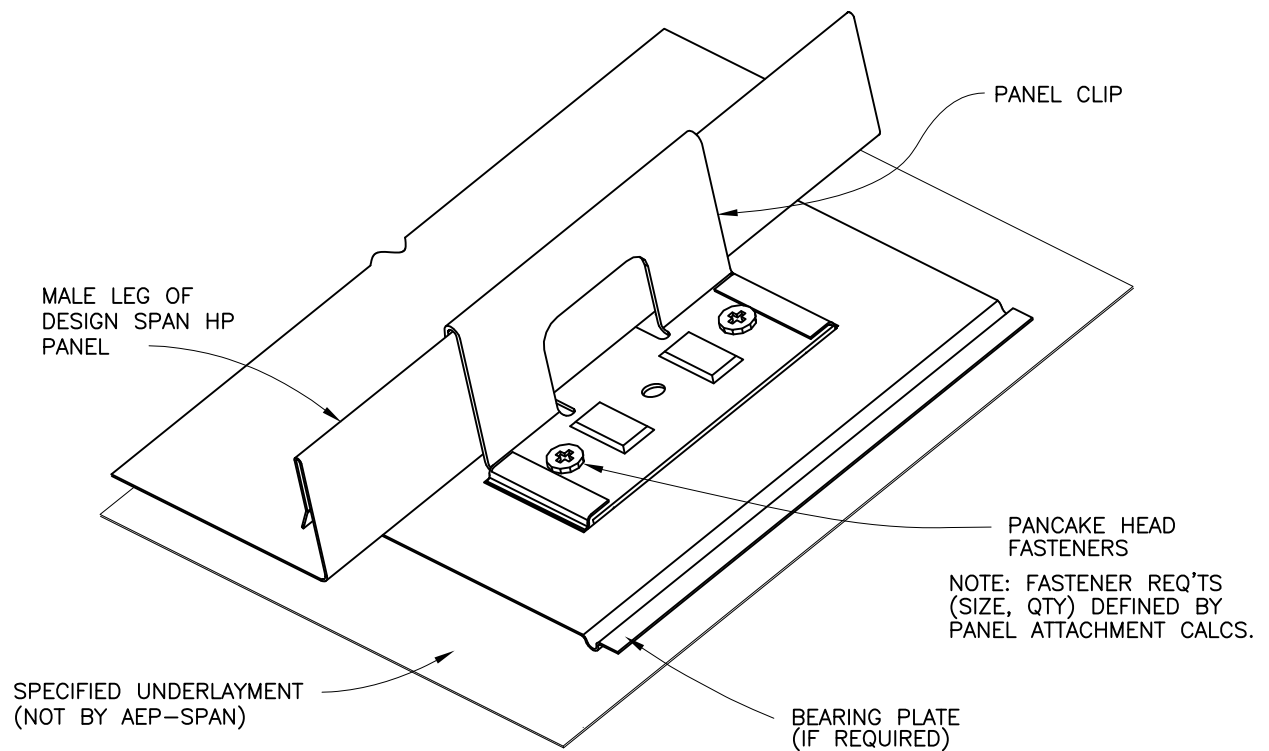


DESIGN SPAN HP



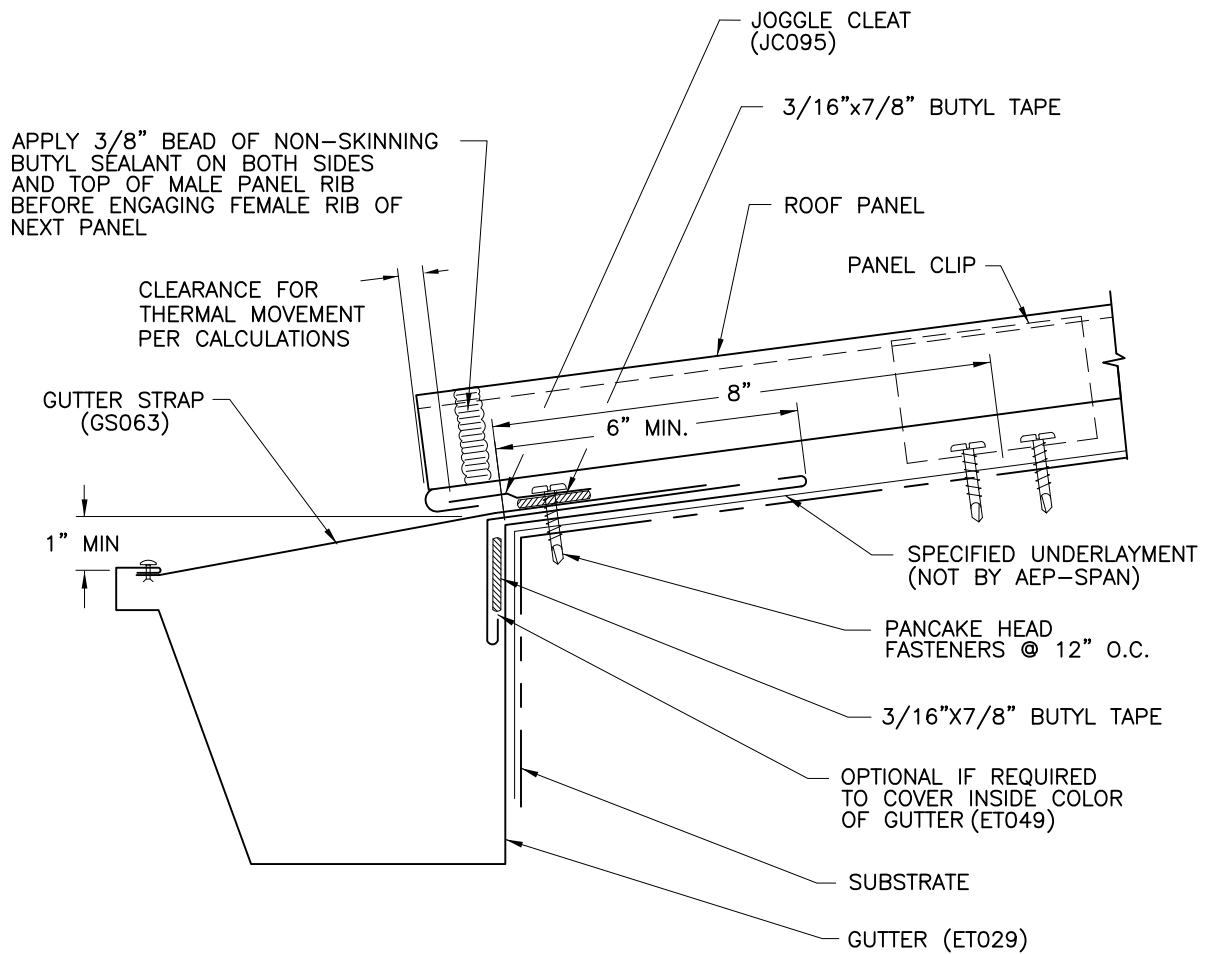
PANEL INFORMATION

DS-01

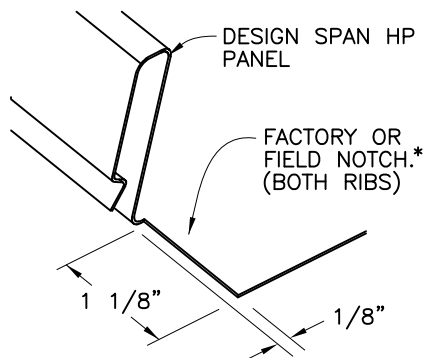


CLIP INFORMATION

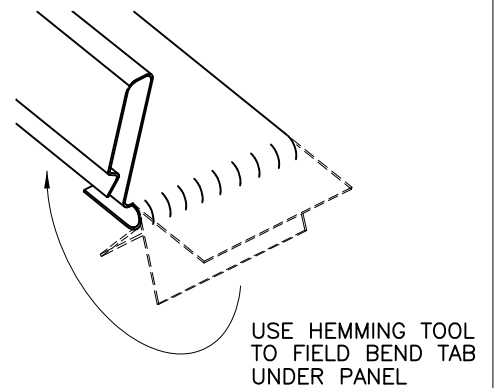
DS-02



STEP  
1

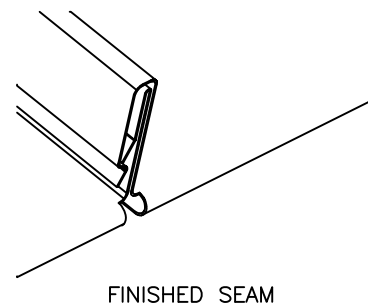
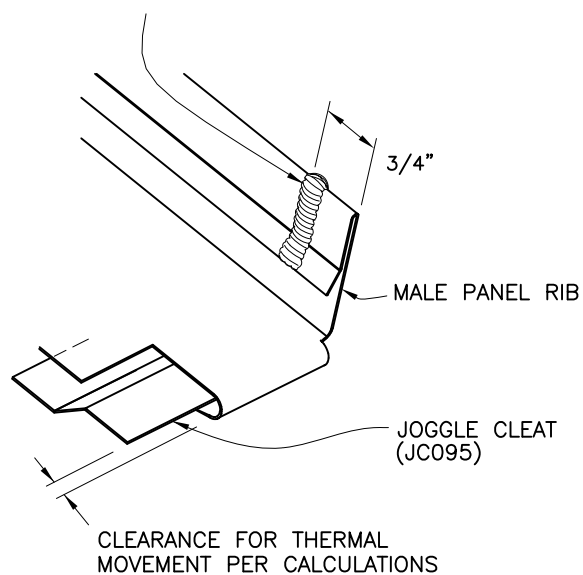


STEP  
2



STEP  
3

APPLY 3/8" BEAD OF NON-SKINNING BUTYL SEALANT ON BOTH SIDES AND TOP OF MALE PANEL RIB BEFORE ENGAGING FEMALE RIB OF NEXT PANEL

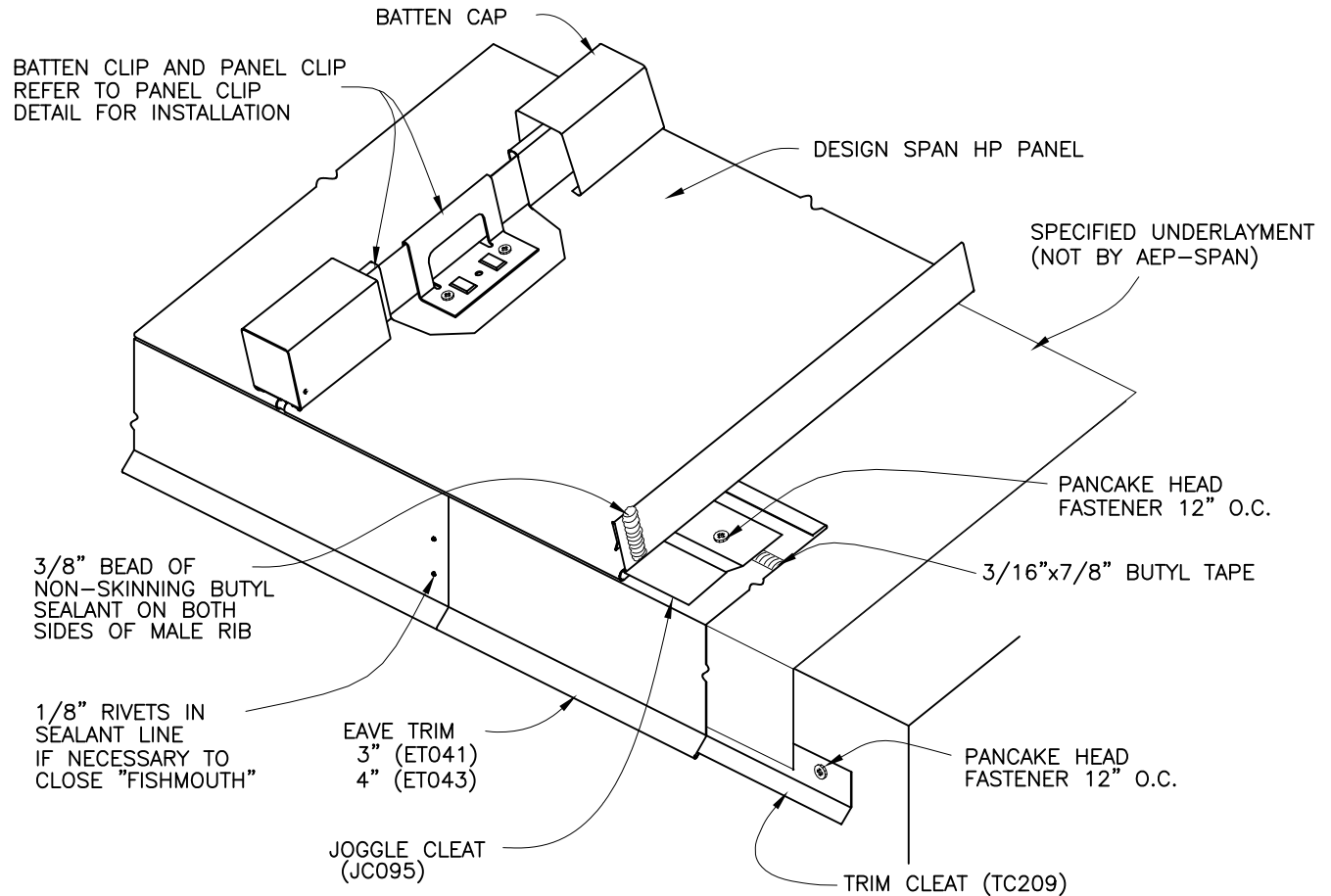
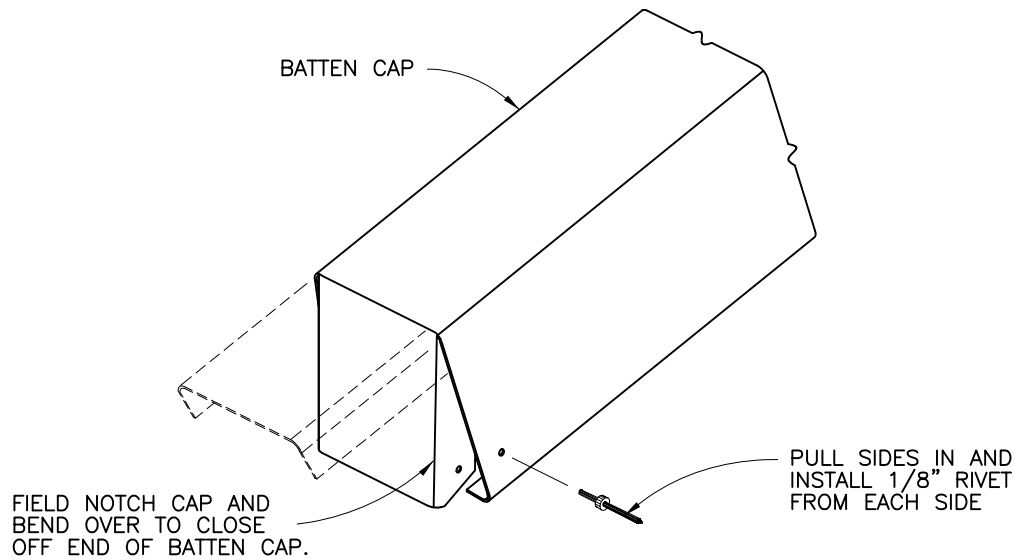


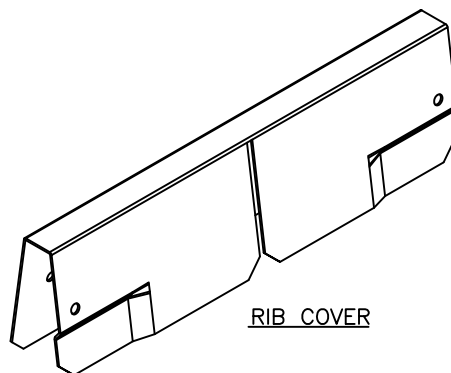
**NOTE:**  
STANDARD FACTORY NOTCH IS 1-1/8". LONG LENGTH PANEL INSTALLATIONS REQUIRE GREATER FIELD NOTCHING DEPTH.



EAVE HEM

DS-05





APPLY CURING SEALANT  
TO BOTH SIDES OF RIB  
PRIOR TO INSTALLING RIB COVER

PANEL CLIP

DESIGN SPAN HP PANEL

RIB COVER

**DESIGN CAUTION:**

ROOF SLOPE TRANSITIONS SUCH  
AS FASCIAS MAY ESTABLISH AN  
UNWANTED POINT OF PANEL  
FIXITY. CONTACT YOUR AEP SPAN  
REPRESENTATIVE FOR ASSISTANCE.

1/8" RIVET  
BOTH SIDES

FIELD CUT PANEL RIBS  
AND BEND OVER EDGE. SEAL  
OPEN ENDS OF ROOF PANEL RIBS  
WITH CURING SEALANT  
BEFORE INSTALLING RIB COVER

DESIGN SPAN HP PANEL

SPECIFIED UNDERLAYMENT  
(NOT BY AEP-SPAN)

PANEL CLIP  
(CONTACT AEP-SPAN FOR  
CLIP LOCATION & SPACING)

SUBSTRATE

PANCAKE HEAD  
FASTENERS

1/4" MIN. CLEARANCE  
FOR WEEPAGE

FIELD NOTCH  
AND HEM 1"  
(OPTIONAL FACTORY  
PANEL NOTCH)

DRIP FLASHING  
(DF009)

SHOULD BE MINIMUM 1/4" GREATER  
THAN PANEL RIB HEIGHT.

**NOTE:**

THE USE OF THIS DETAIL IS NOT  
RECOMMENDED IN SNOW CLIMATES.



DESIGN SPAN HP

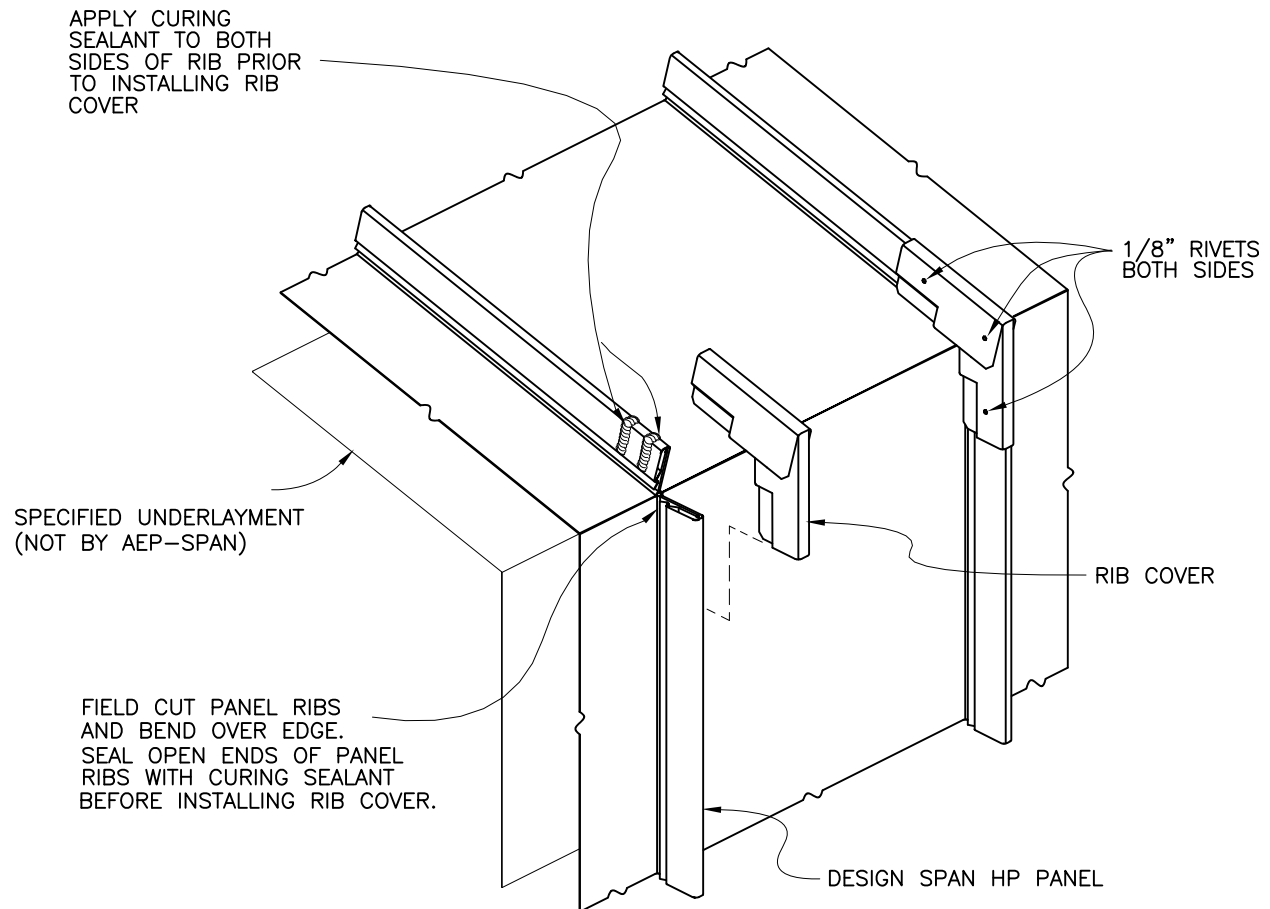


FASCIA TRANSITION /  
WALL

DS-07

**DESIGN CAUTION:**

ROOF SLOPE TRANSITIONS SUCH AS FASCIAS MAY ESTABLISH AN UNWANTED POINT OF PANEL FIXITY. CONTACT YOUR AEP SPAN REPRESENTATIVE FOR ASSISTANCE.



**NOTE:**

THE USE OF THIS DETAIL IS NOT RECOMMENDED IN SNOW CLIMATES.



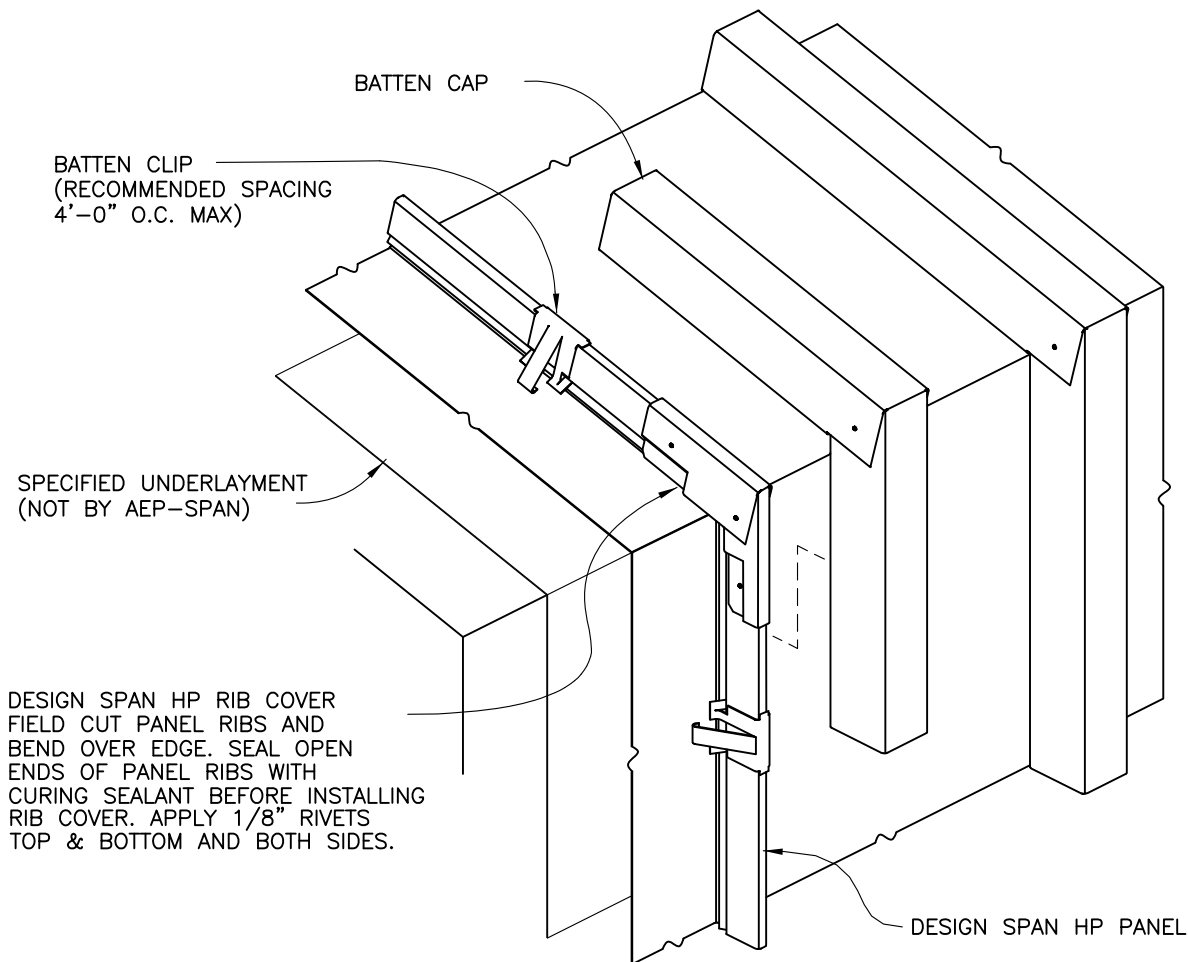
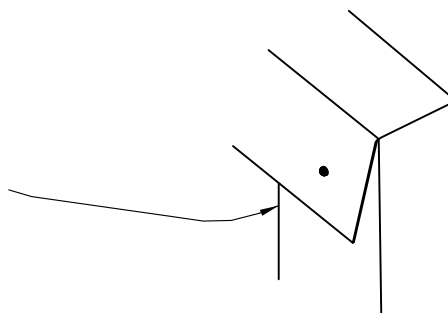
DESIGN SPAN HP



FASCIA TRANSITION

DS-08

FIELD CUT SIDES OF BATTEN CAP. NOTCH  
BOTTOM LEGS OF UPPER PORTION OF BATTEN  
CAP AS REQUIRED (VARIES PER ROOF SLOPE).  
BEND LOWER PORTION OF BATTEN CAP INTO  
PLACE. FASTEN IN PLACE WITH 1/8" RIVETS,  
BOTH SIDES.



**DESIGN CAUTION:**  
ROOF SLOPE TRANSITIONS SUCH  
AS FASCIAS MAY ESTABLISH AN  
UNWANTED POINT OF PANEL  
FIXITY. CONTACT YOUR AEP SPAN  
REPRESENTATIVE FOR ASSISTANCE.



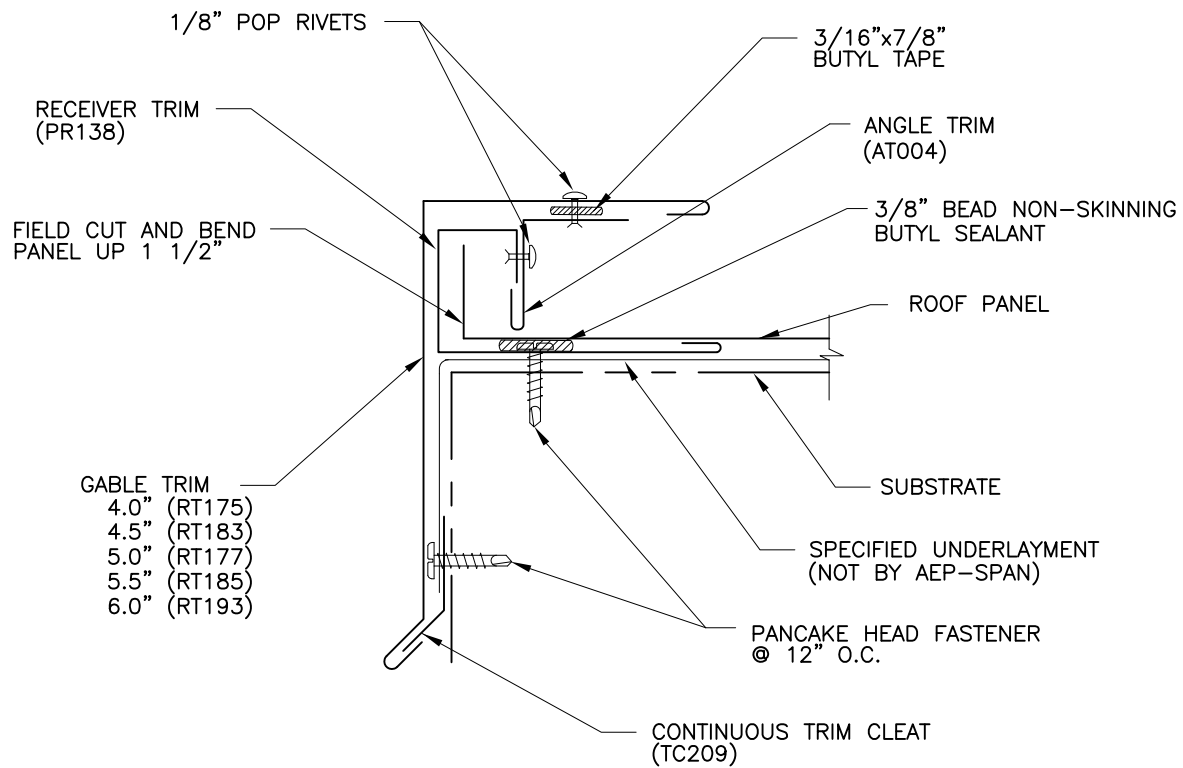
DESIGN SPAN HP



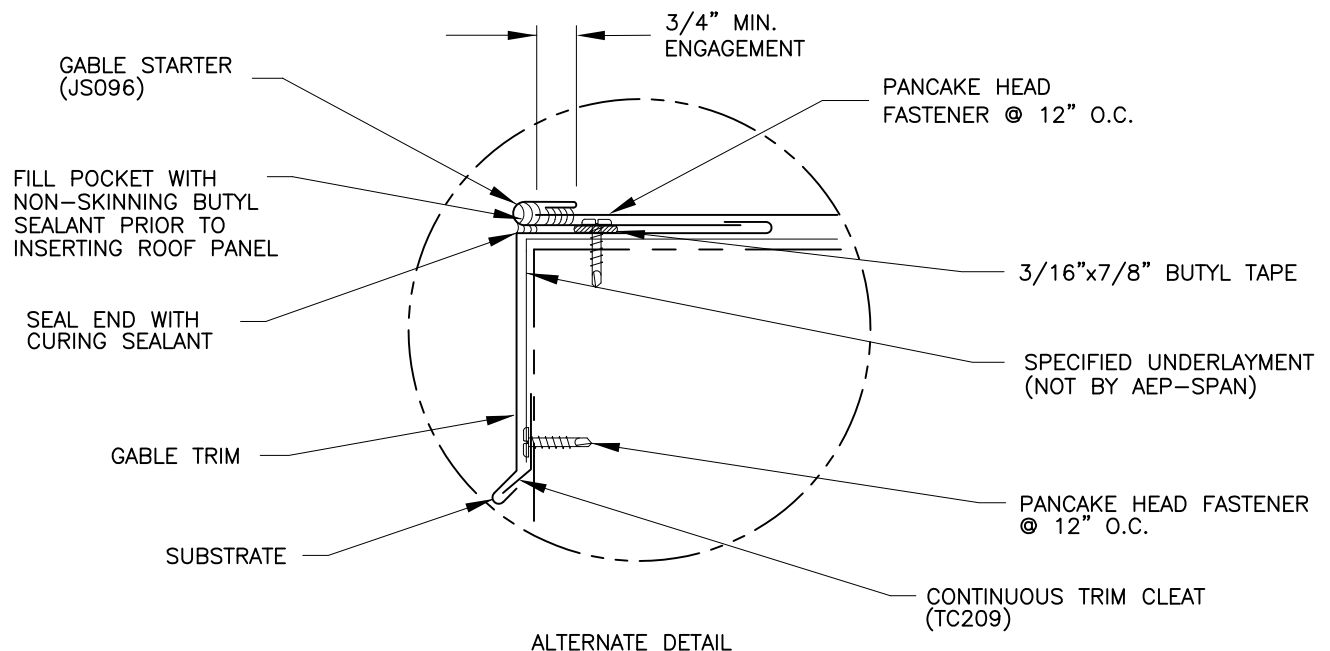
FASCIA TRANSITION  
(WIDE BATTEN)

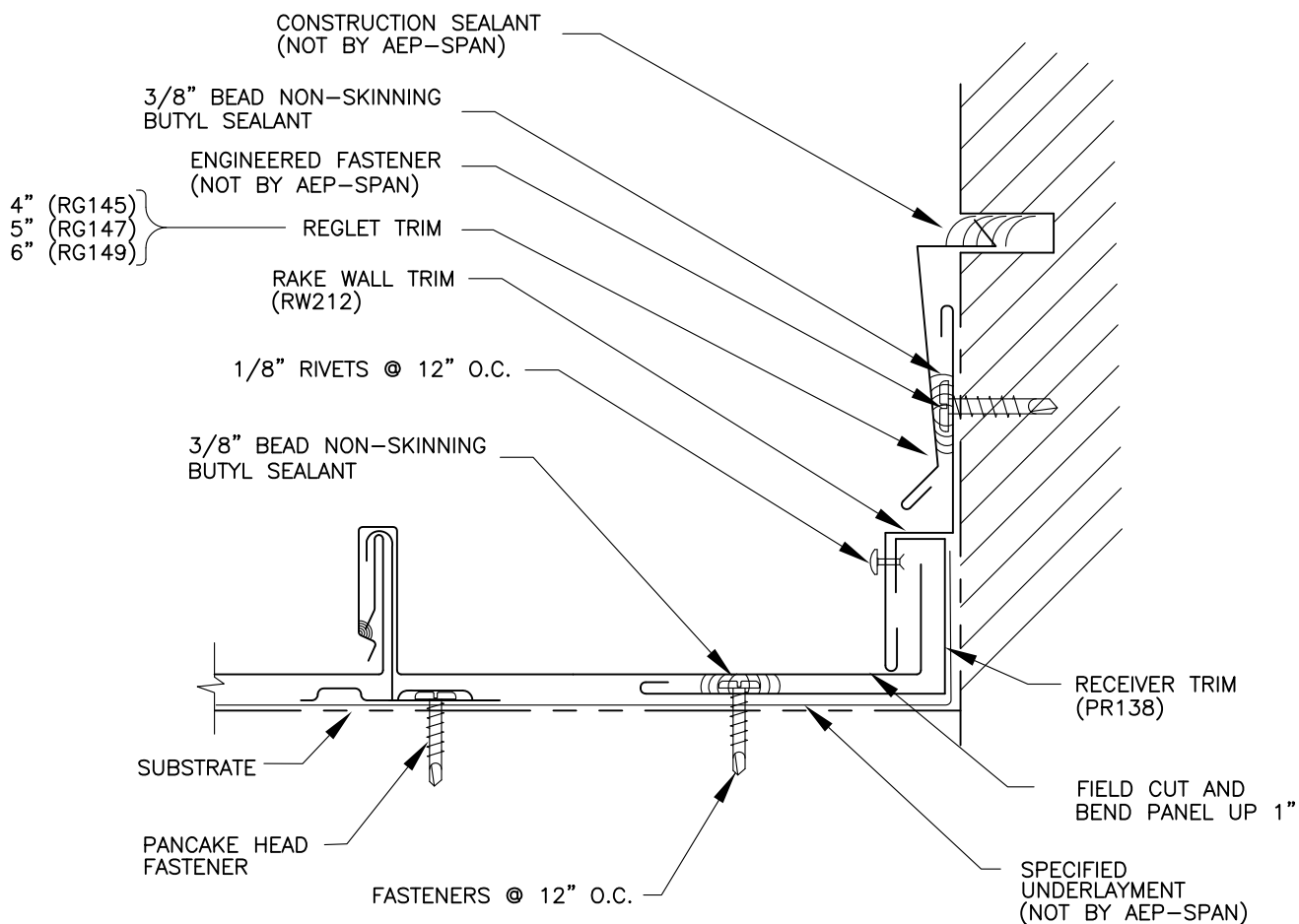
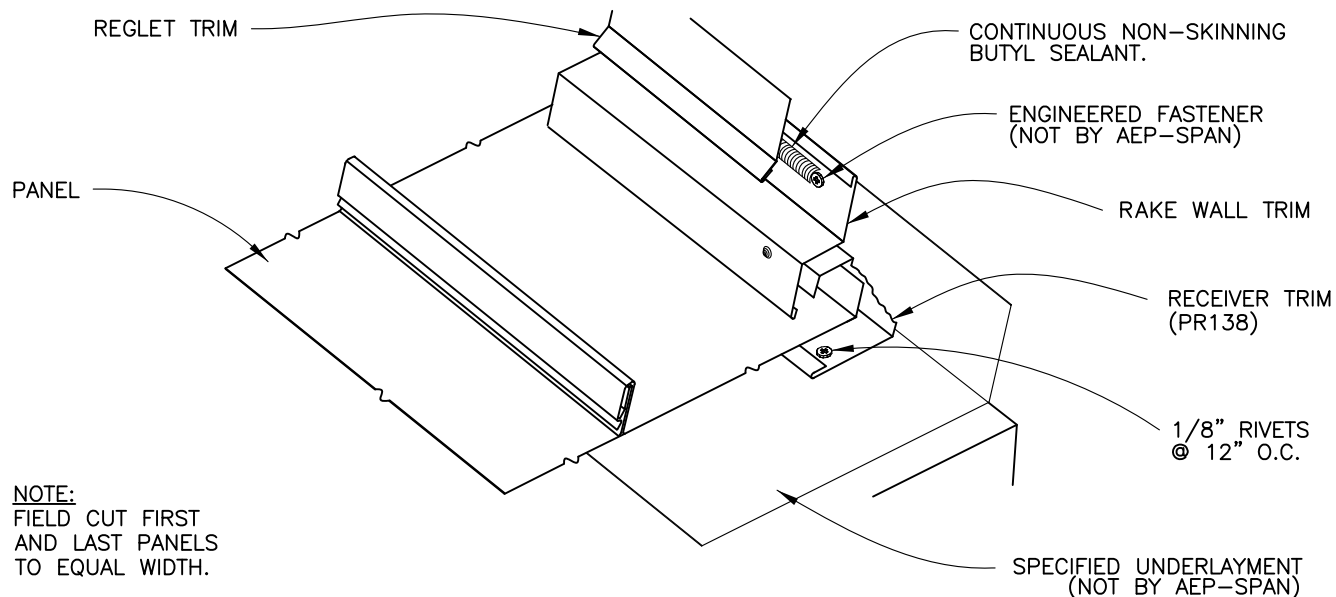
DS-09





**NOTE:**  
FIELD CUT FIRST AND  
LAST PANELS TO  
EQUAL WIDTH



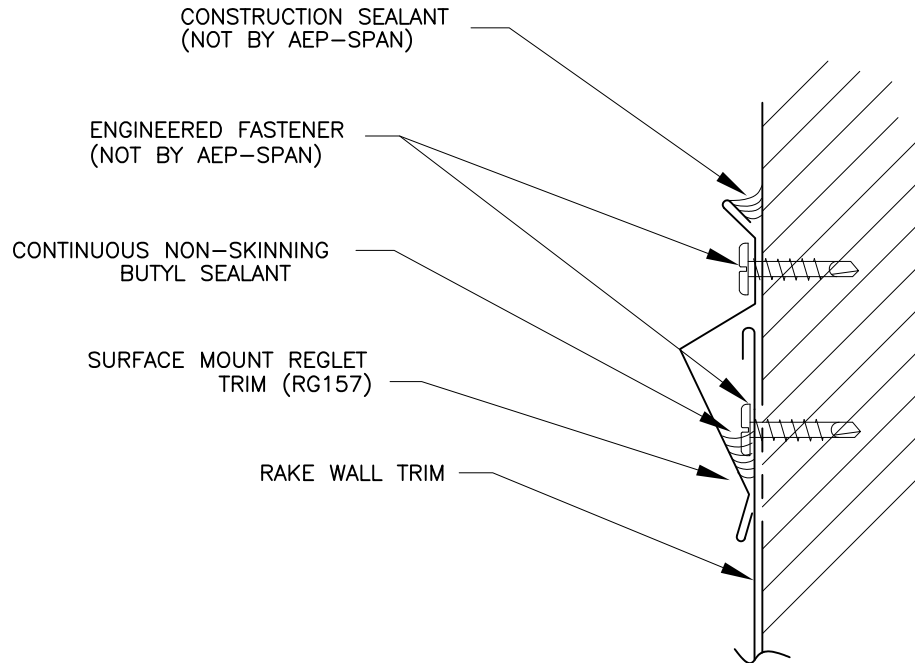


**DESIGN SPAN HP**

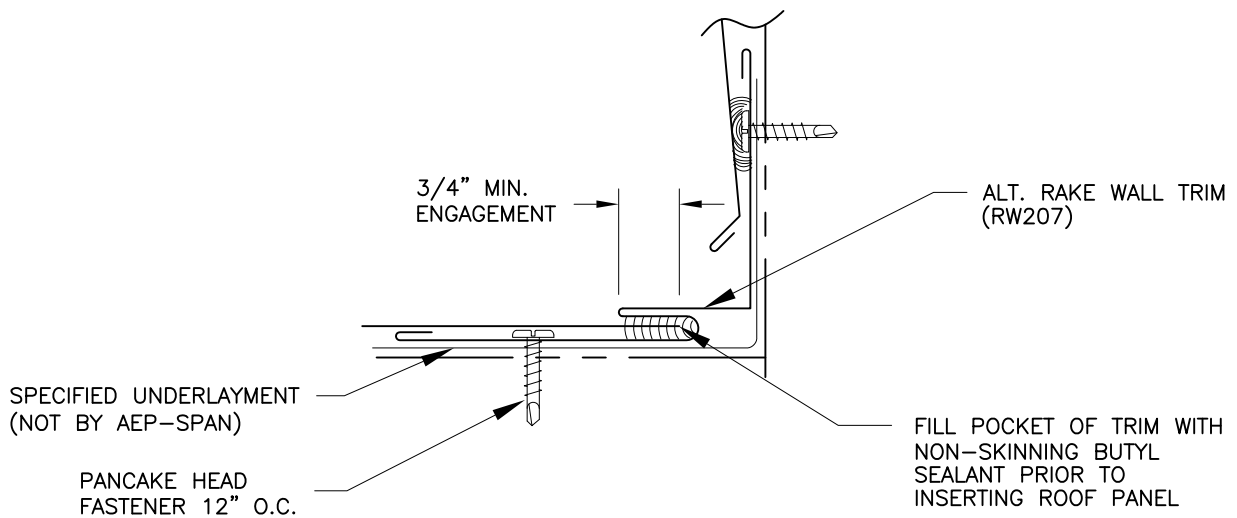


**SIDE WALL  
(RAKE WALL)**

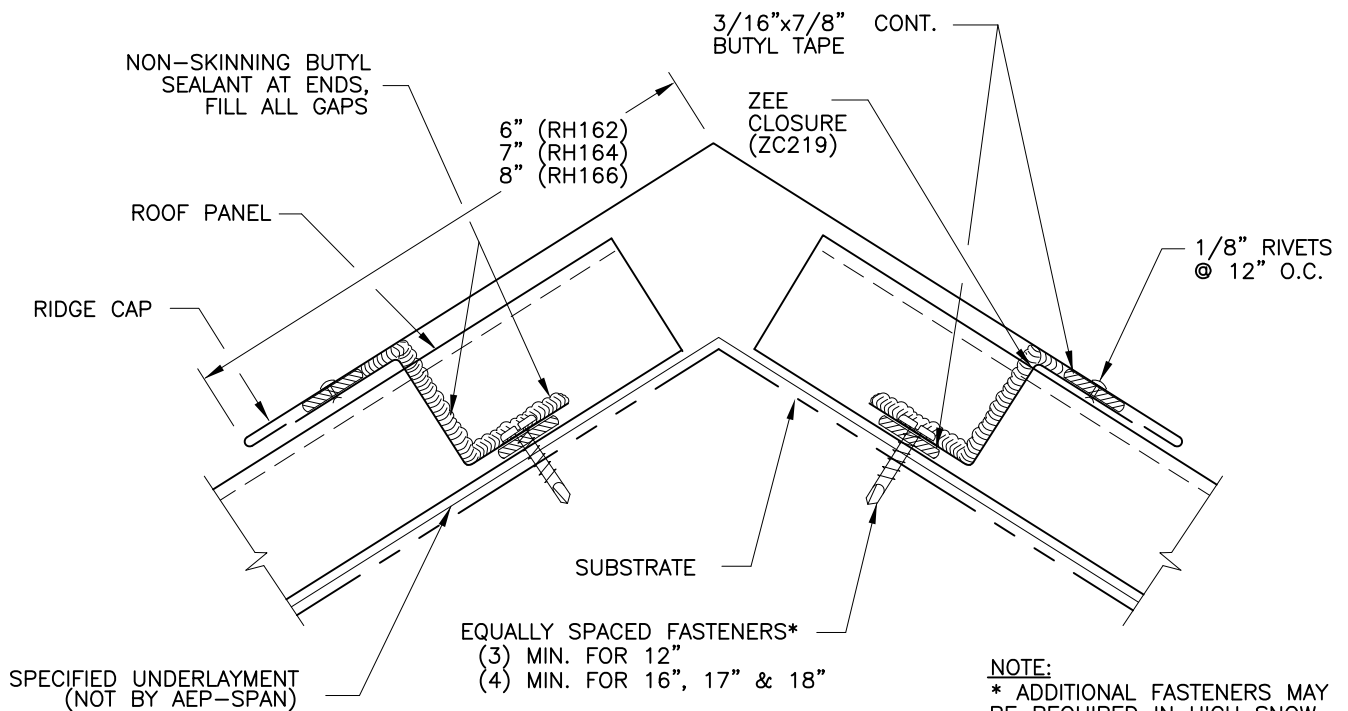
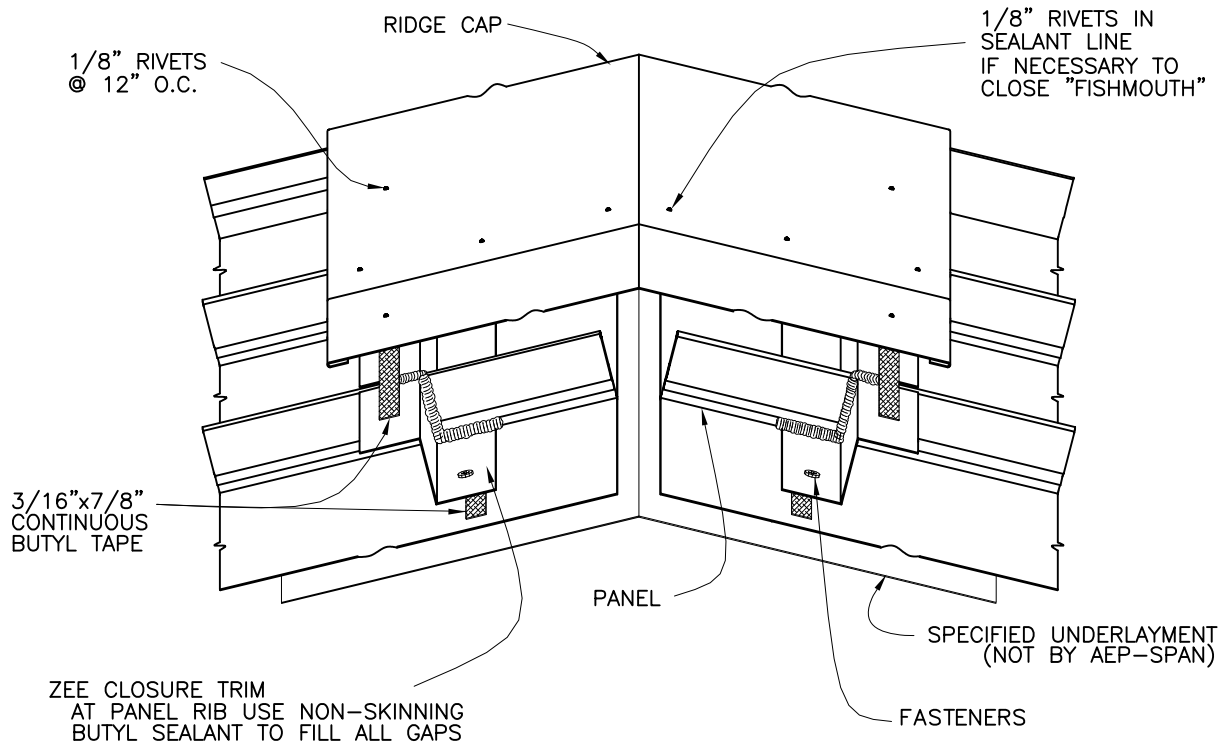
**DS-11**



ALTERNATE UPPER DETAIL



ALTERNATE LOWER DETAIL

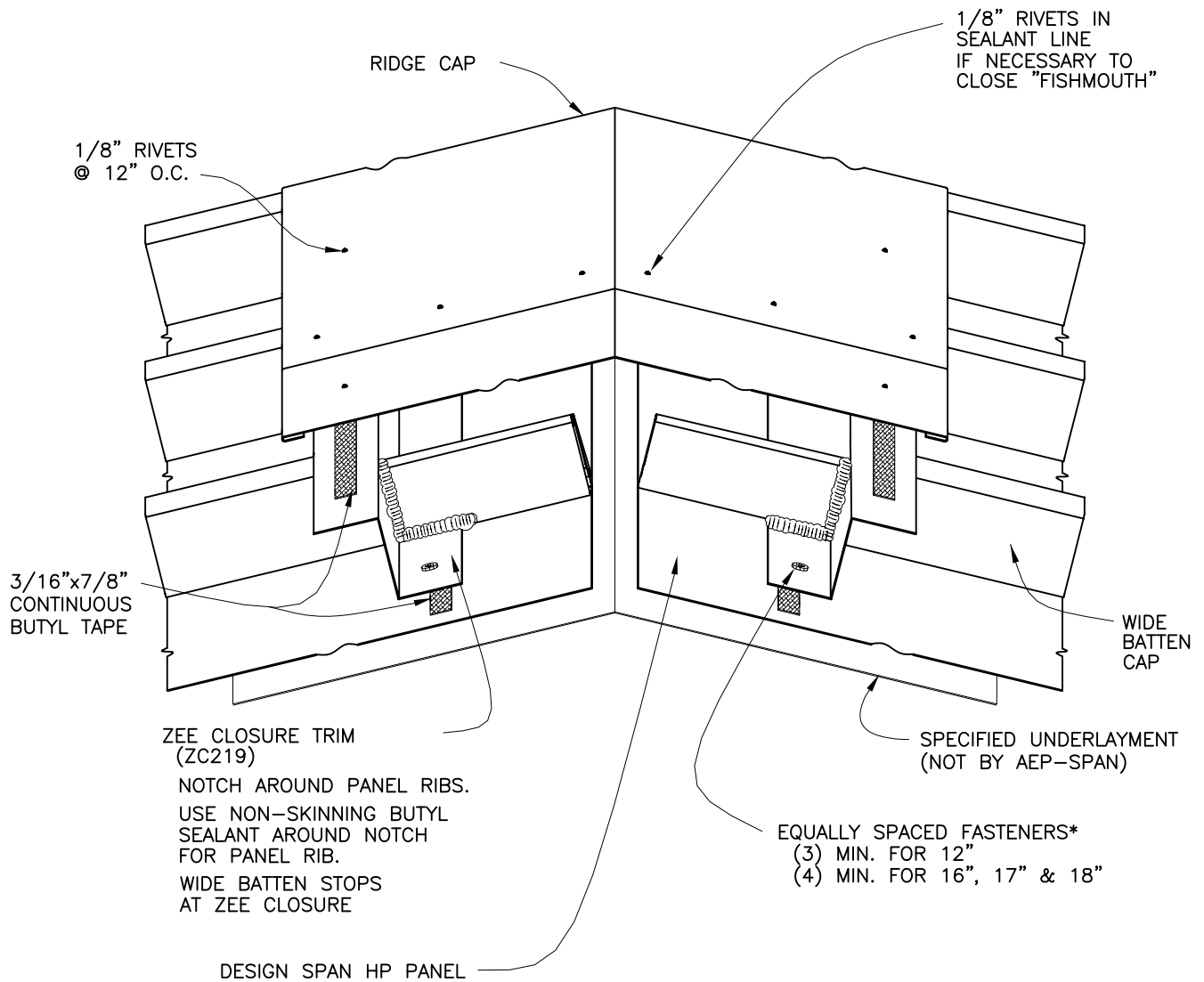


DESIGN SPAN HP



RIDGE / HIP

DS-13



**NOTE:**

\* ADDITIONAL FASTENERS MAY  
BE REQUIRED IN HIGH SNOW  
LOAD AREAS. SEE APPENDIX.

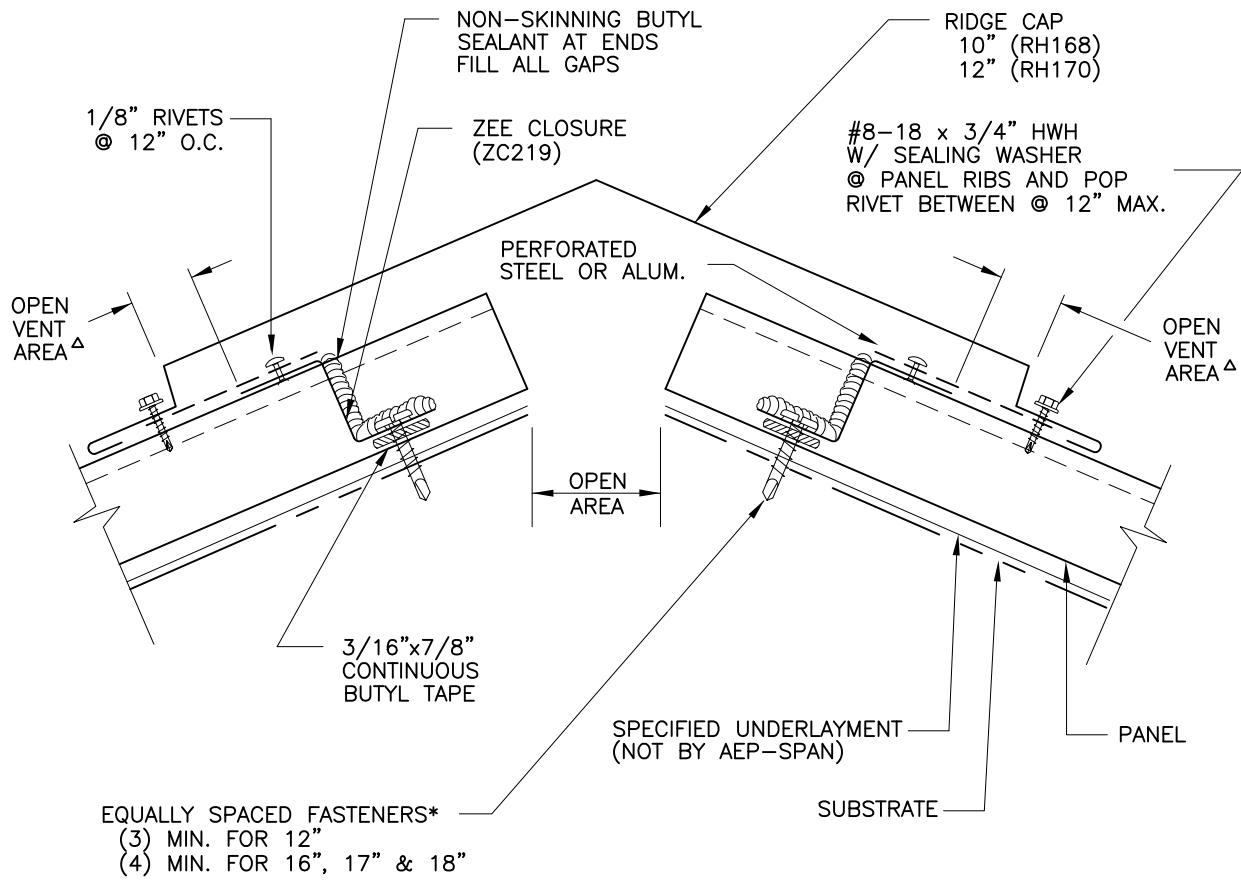


**DESIGN SPAN HP**



**RIDGE / HIP  
(WIDE BATTEN)**

**DS-14**



**NOTES:**

- <sup>Δ</sup> CUSTOMER MUST PROVIDE VENT AREA REQUIREMENTS
- \* ADDITIONAL FASTENERS MAY BE REQUIRED IN HIGH SNOW LOAD AREAS. SEE APPENDIX.

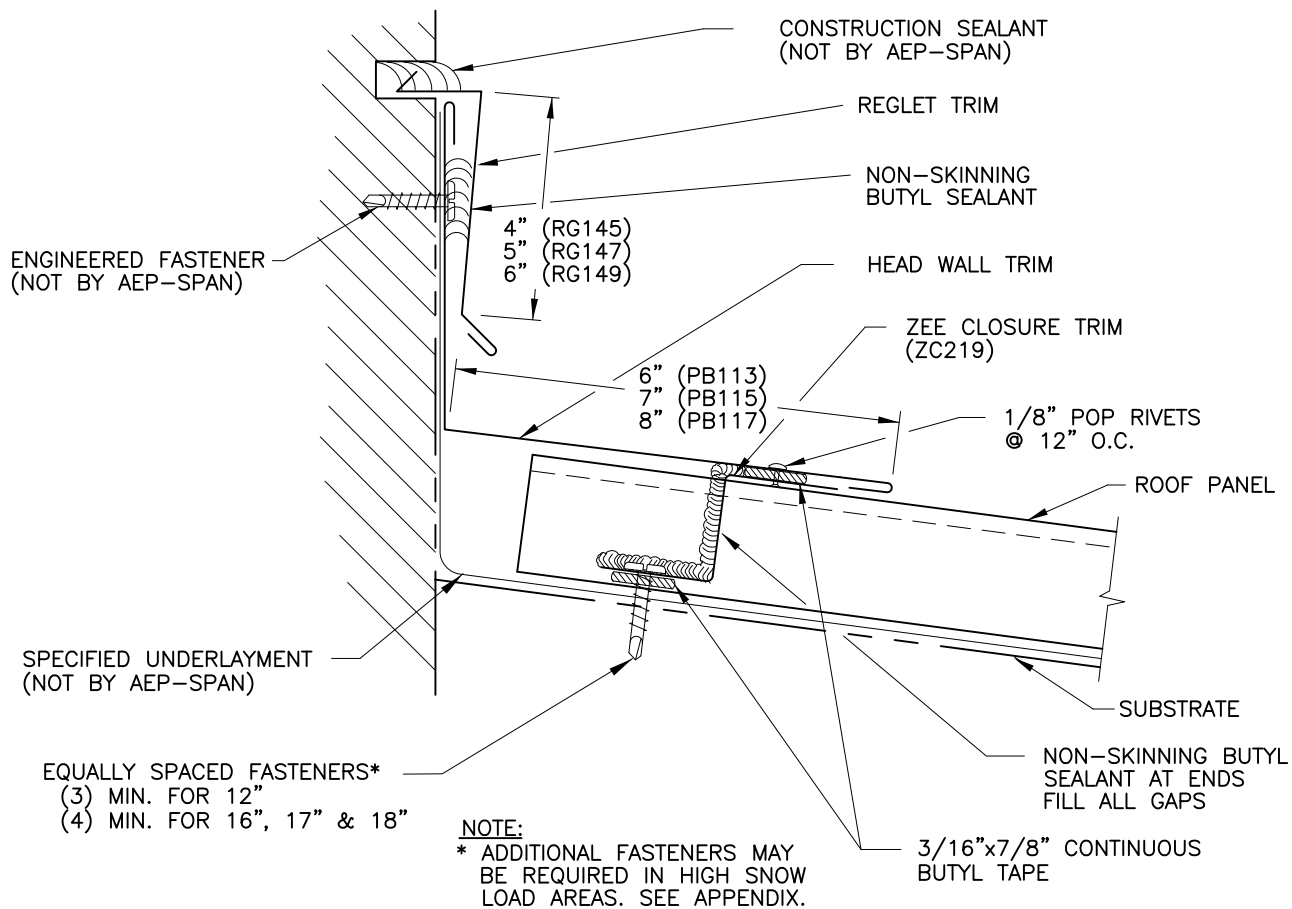
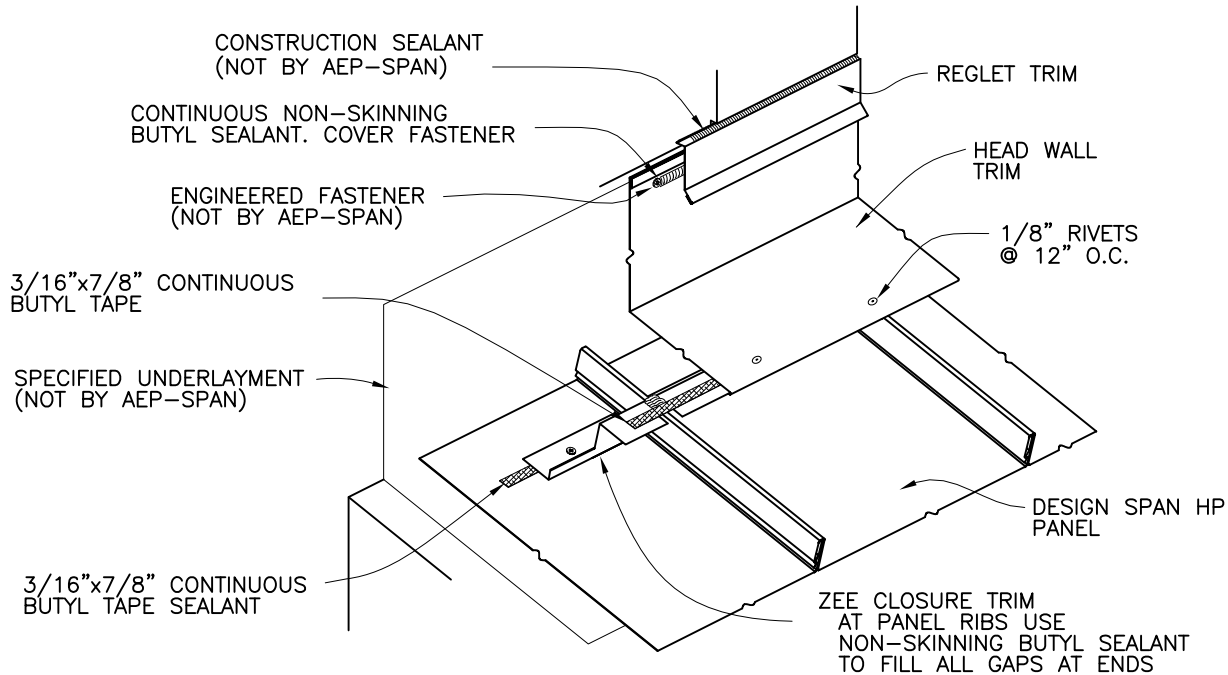


DESIGN SPAN HP



RIDGE - VENTED

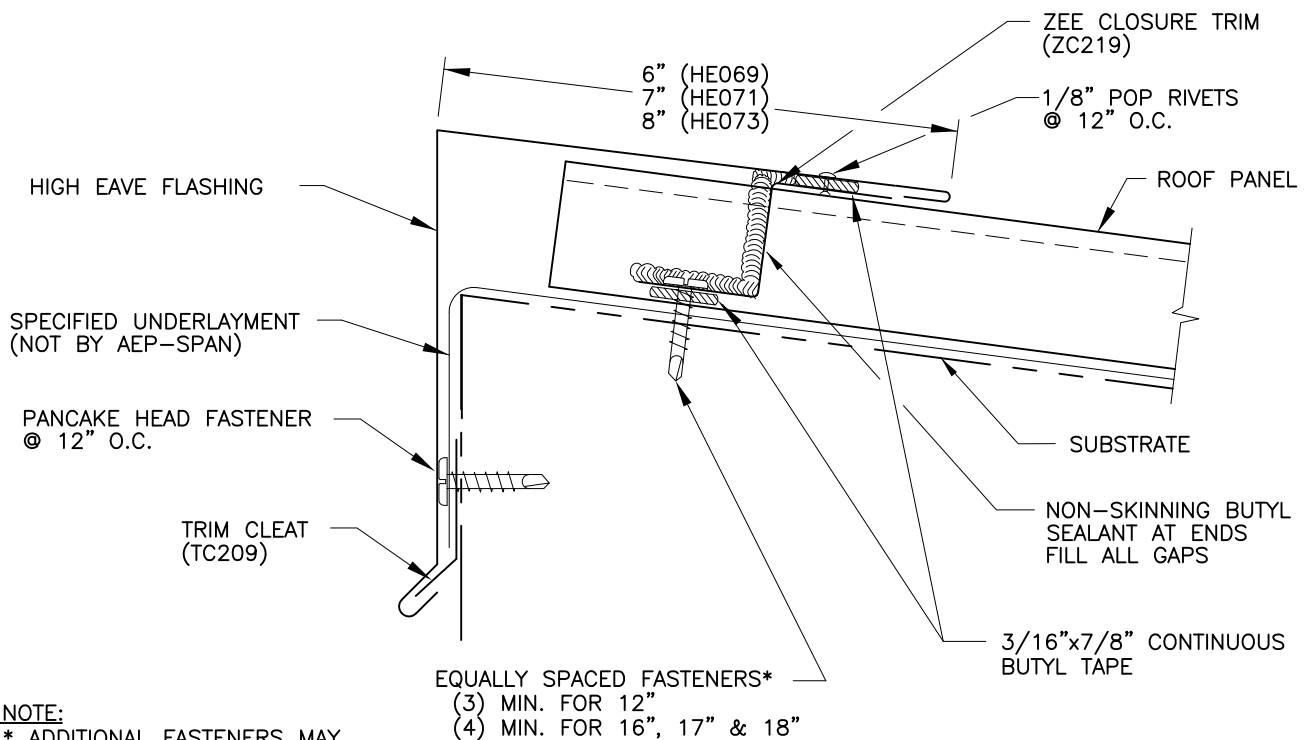
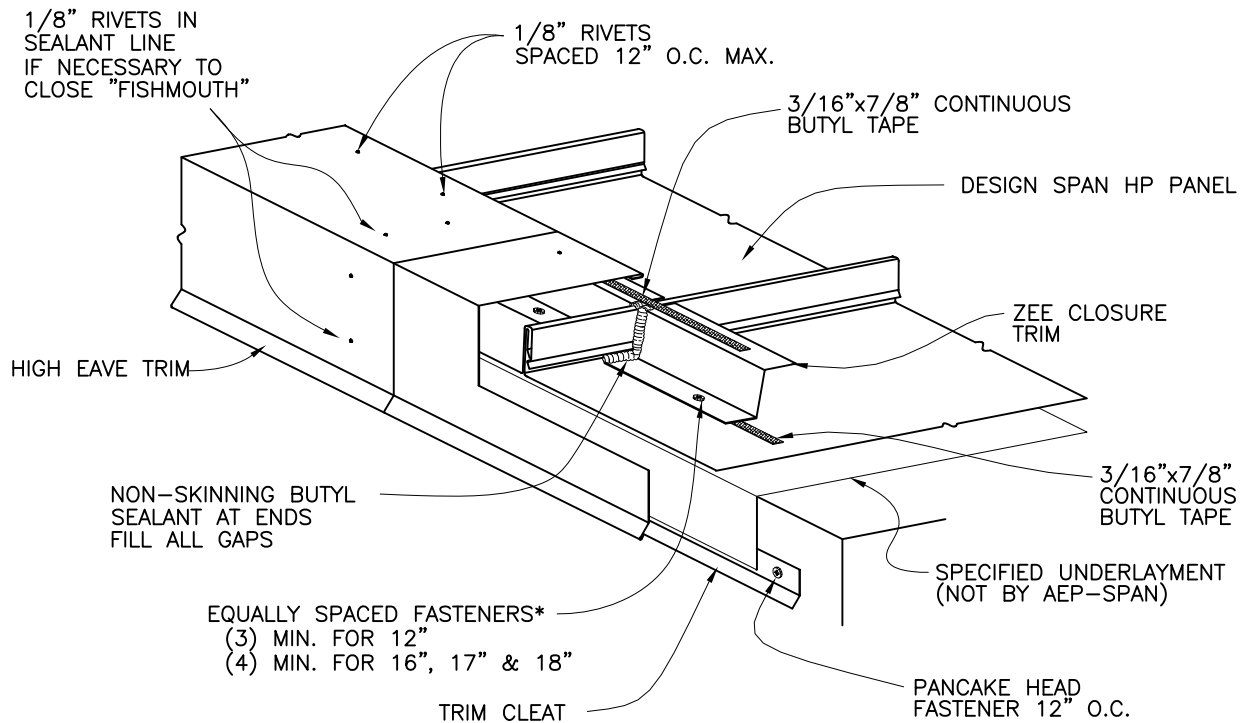
DS-15



DESIGN SPAN HP

HEAD WALL

DS-16



**NOTE:**

\* ADDITIONAL FASTENERS MAY BE REQUIRED IN HIGH SNOW LOAD AREAS. SEE APPENDIX.



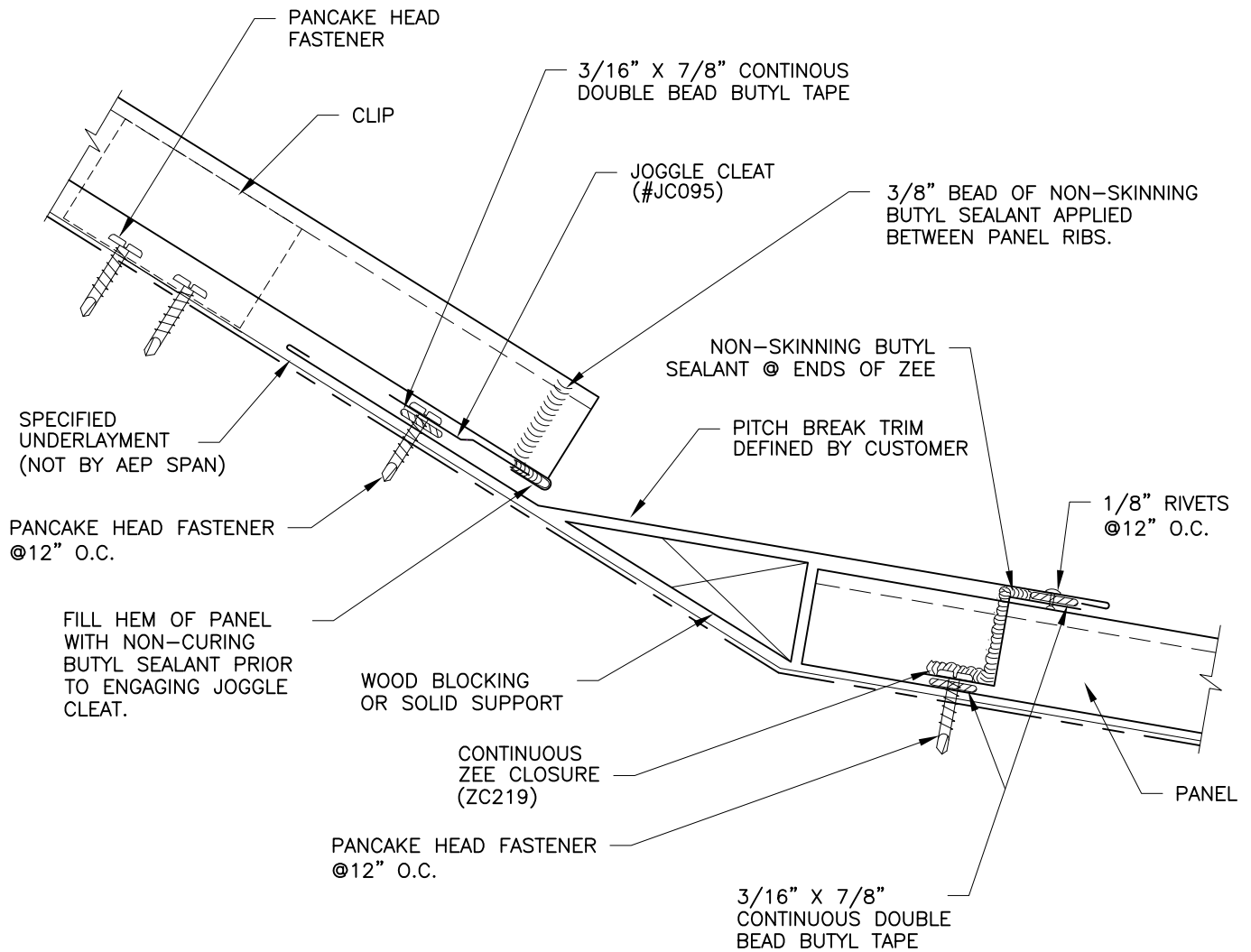
**DESIGN SPAN HP**



**EAVE - HIGH**

**DS-17**





**NOTE:**  
REFER TO EAVE & RIDGE DETAILS FOR FURTHER  
INFORMATION ON PROPER PANEL TERMINATIONS.

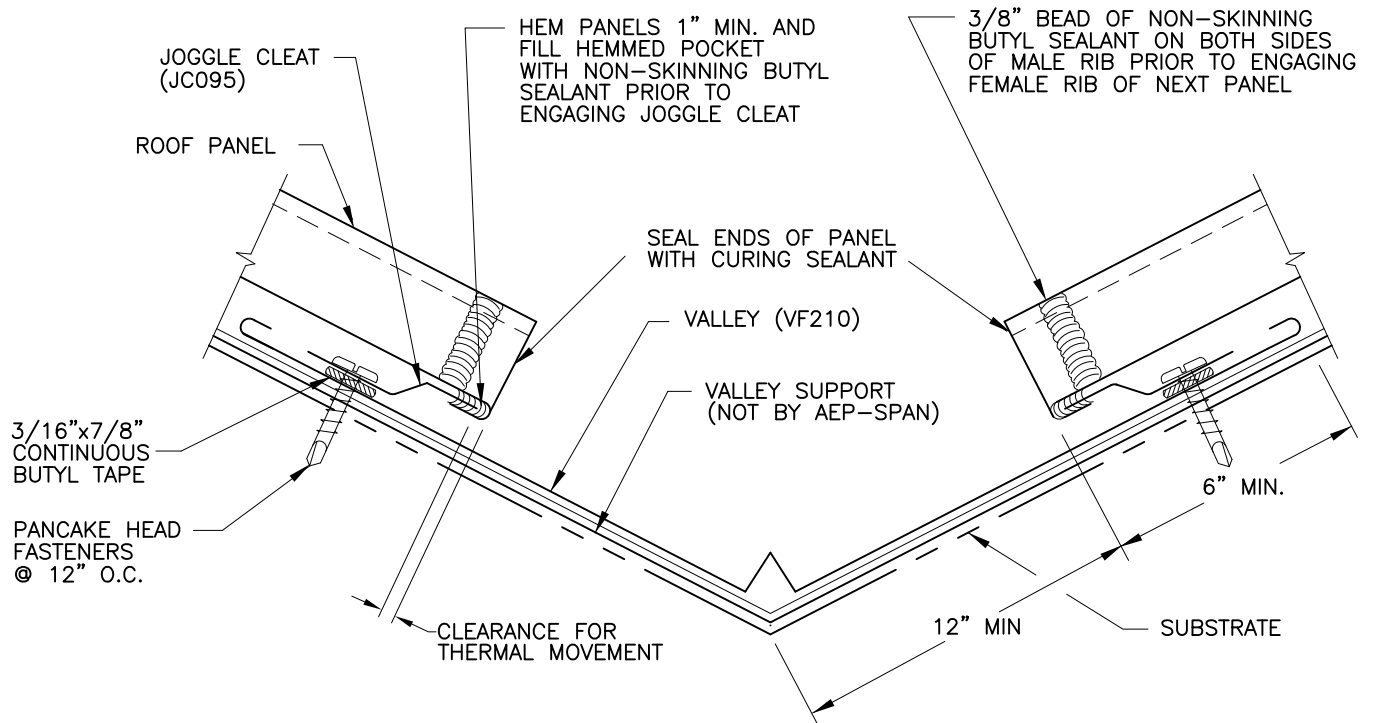
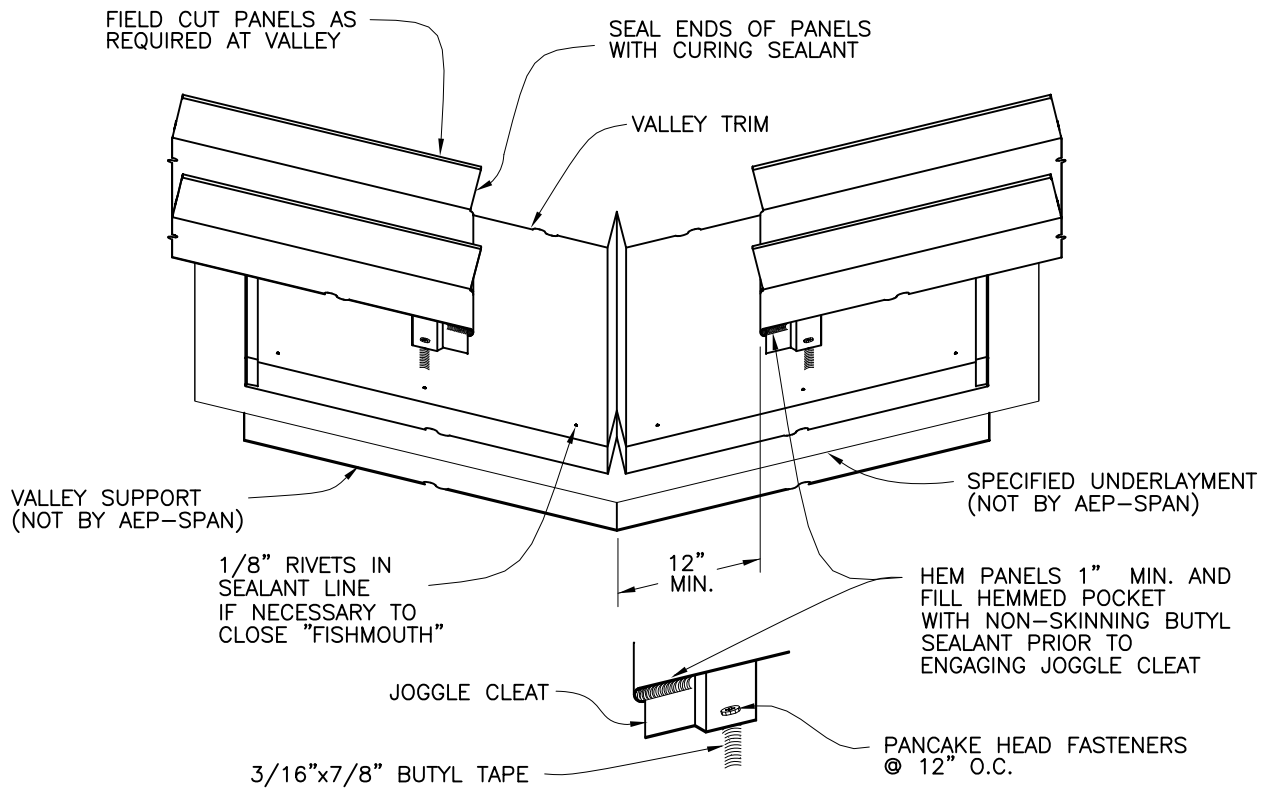


**DESIGN SPAN HP**

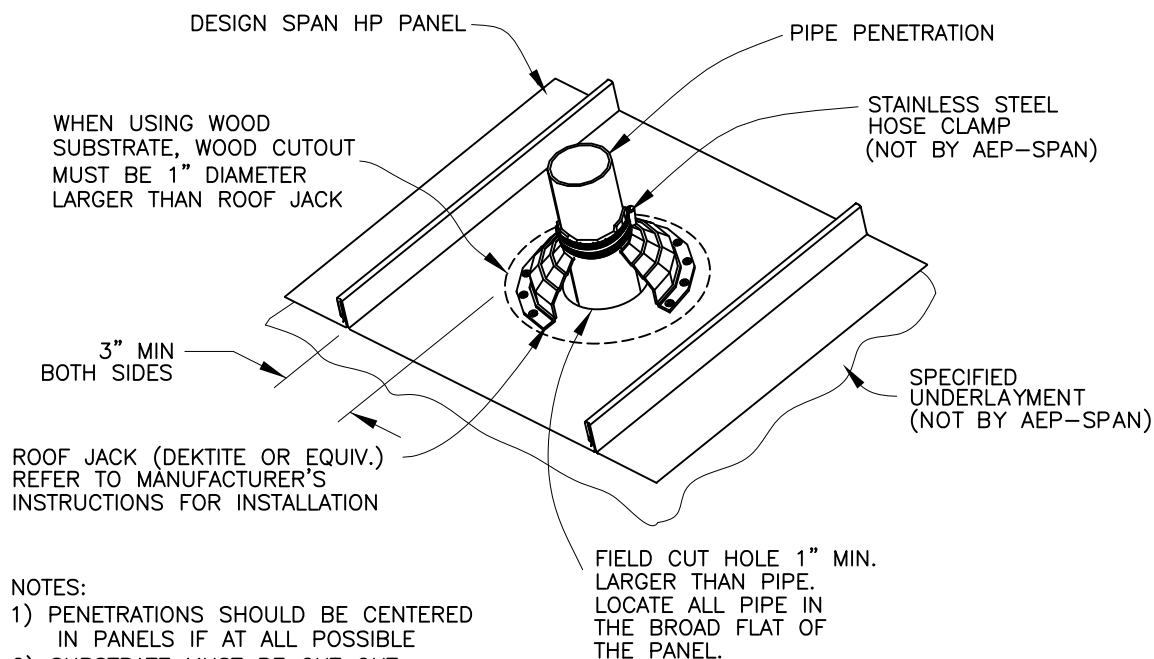


**SLOPE TRANSITION**

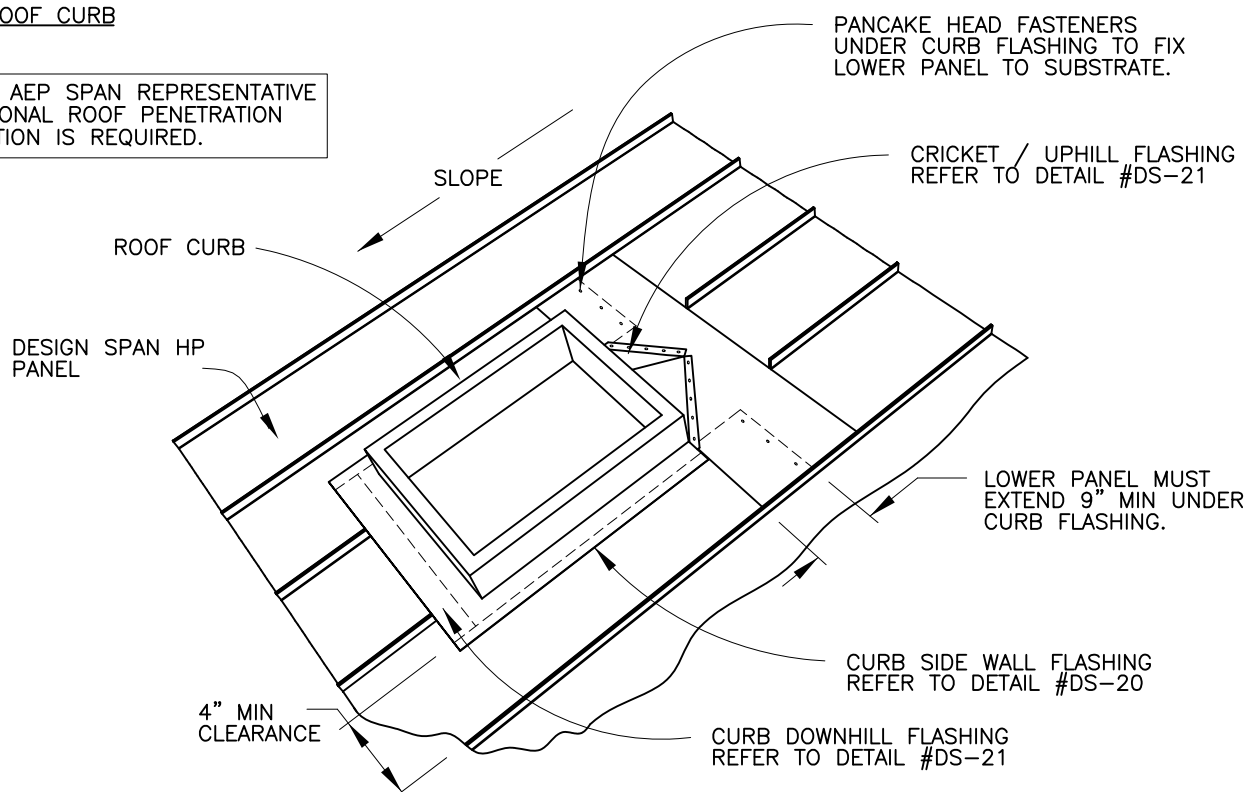
**DS-18**



ROOF JACK

ROOF CURB

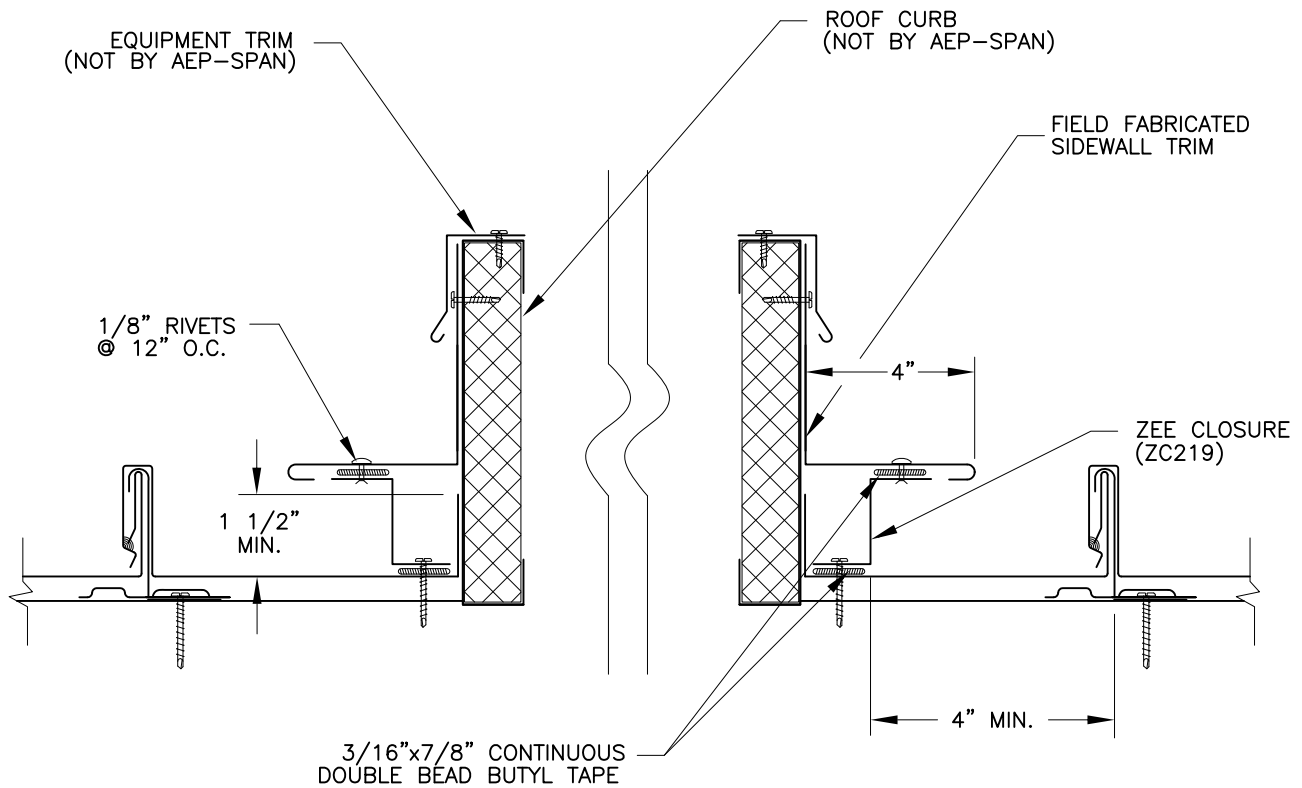
CONTACT AEP SPAN REPRESENTATIVE  
IF ADDITIONAL ROOF PENETRATION  
INFORMATION IS REQUIRED.



## DESIGN SPAN HP

## ROOF PENETRATIONS

DS-20



FIELD FABRICATE CURB  
FLASHINGS FROM FLAT SHEET

CONTACT AEP SPAN REPRESENTATIVE  
IF ADDITIONAL ROOF PENETRATION  
INFORMATION IS REQUIRED.

SLOPE

STANDARD ZEE  
CLOSURE

FIELD FABRICATE CRICKET  
FROM FLAT SHEETS

EQUIPMENT TRIM  
(NOT BY AEP-SPAN)

CLEARANCE FOR  
THERMAL MOVEMENT  
PER CALCULATIONS

CRICKET TO BE  
FIELD FABRICATED  
FROM FLAT STOCK

FASTENER  
(NOT BY AEP-SPAN)

FIELD FABRICATED  
HEADWALL TRIM

1/8" RIVET  
@ 12" O.C.

FASTENER  
(NOT BY AEP-SPAN)

8" MIN

6"

12"

JOGGLE CLEAT  
(#JC095)

3/16" x 7/8" CONTINUOUS  
BUTYL TAPE

FIELD FABRICATED  
HALF VALLEY TRIM

SUBSTRATE

ZEE  
CLOSURE  
(ZC219)

FASTENER

NOTE:  
CURBS 24" WIDE OR GREATER REQUIRE USE OF CRICKETS.  
CRICKETS OPTIONAL ON NARROWER CURBS.



DESIGN SPAN HP



ROOF CURB (UPHILL /  
DOWNHILL DETAIL)

DS-22