

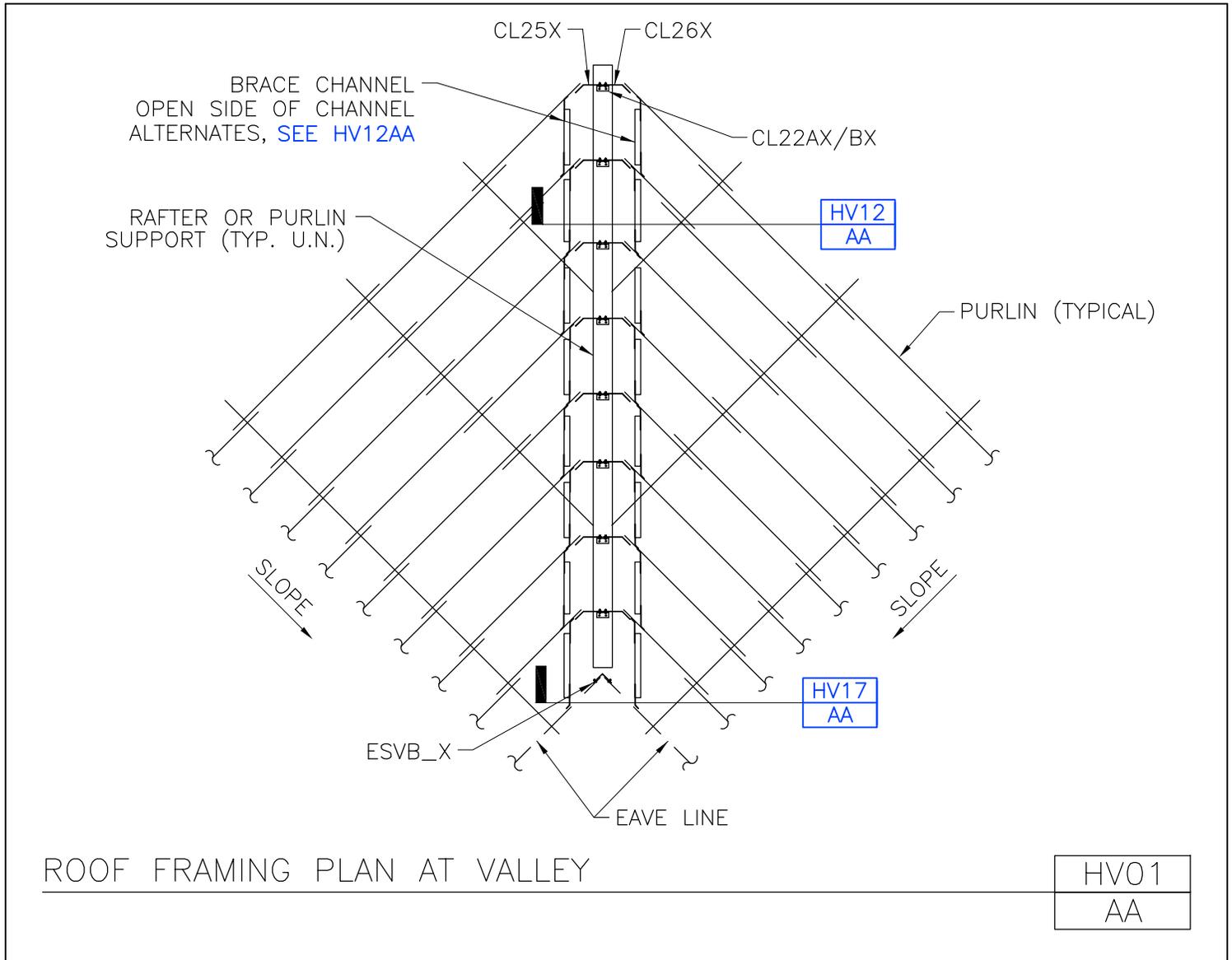
# **Product Manual - Standing Seam Panels - Hip and Valley**

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HV01/AA, Roof Framing Plan at Valley  
HV01/SA, Valley Detail at Eave  
HV02/SA, Hip Detail at Eave  
HV03/SA, Hip and Valley Detail at Ridge  
HV04/SA, Hip and Valley Detail at Ridge  
HV05/SA, Valley Detail at Ridge  
HV06/SA, Valley Flashing Detail  
HV07/SA, Panel Detail at Valley  
HV08A/SA, Outside Metal Closure Installation at Hip  
HV08/SA, Hip Flashing Detail  
HV09/SA, Panel Detail at Hip  
HV10/SA, Outside Metal Closure Assembly Detail  
HV12/AA, Section Through Valley at Framing  
HV13/AA, Section Through Hip at Framing  
HV13A/AA, Section Through Alternating Brace Channel  
HV14/AA, Roof Framing Plan at Hip  
HV17/AA, Section Through Valley at Eave Strut  
HV18/AA, Connection at Valley Eave Strut  
HV27/AA, Hip Expansion Flashing - Endcap Installation  
HV90/AA, Hip and Valley Detail General Notes  
HVOA/SA, Hip and Valley Details Key Plan

Roof Framing Plan at Valley

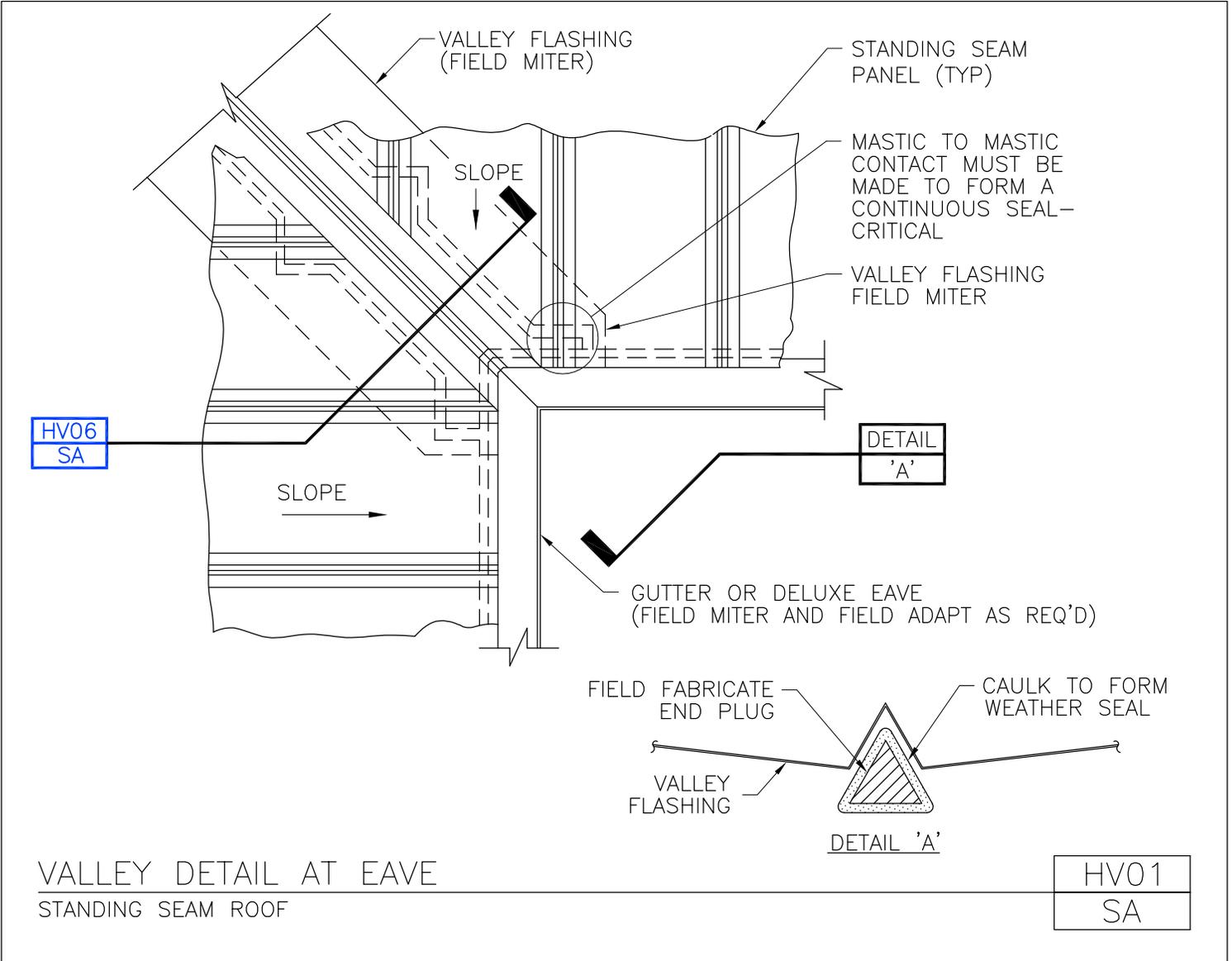
HV01/AA



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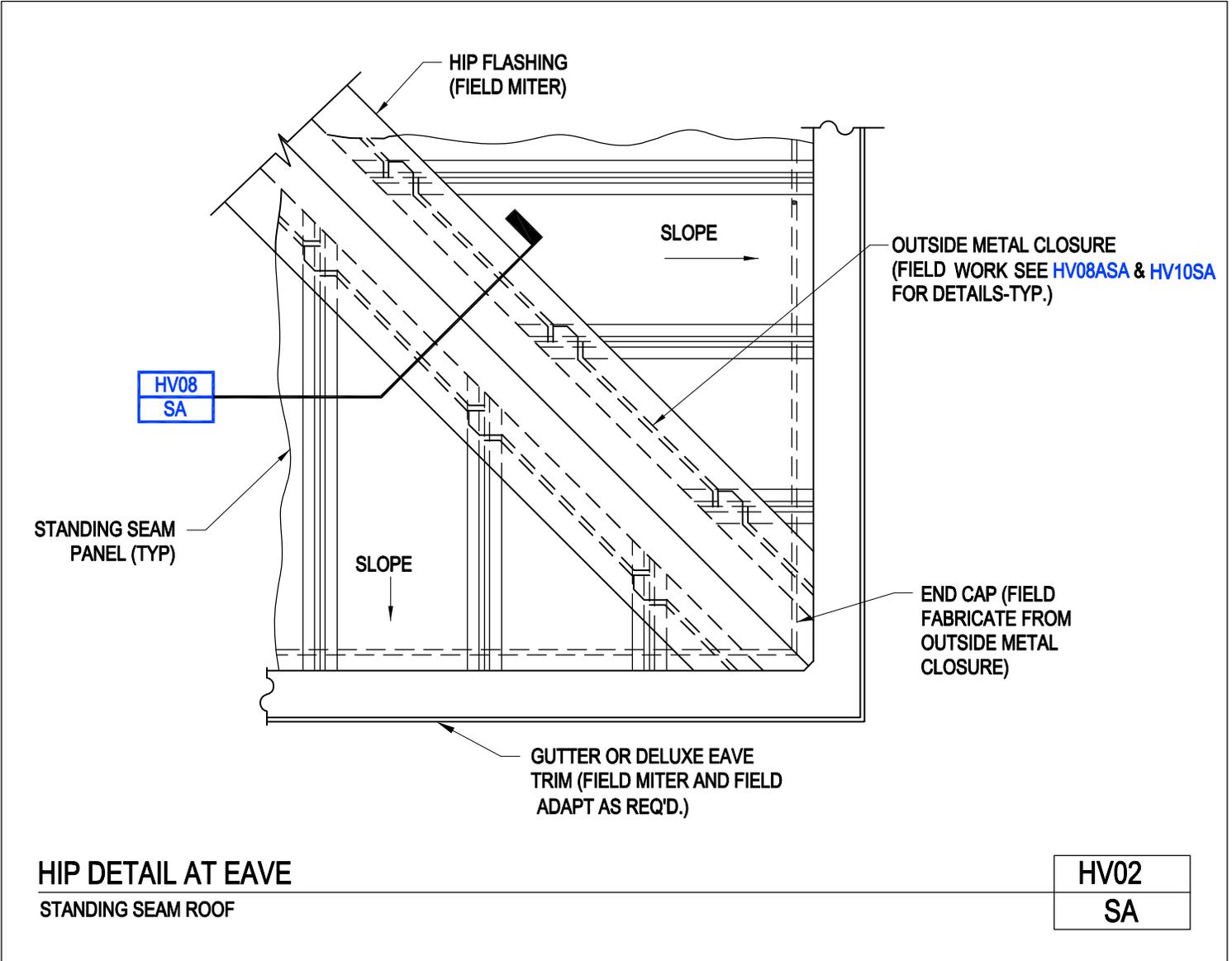
Valley Detail at Eave  
Standing Seam Roof  
HV01/SA



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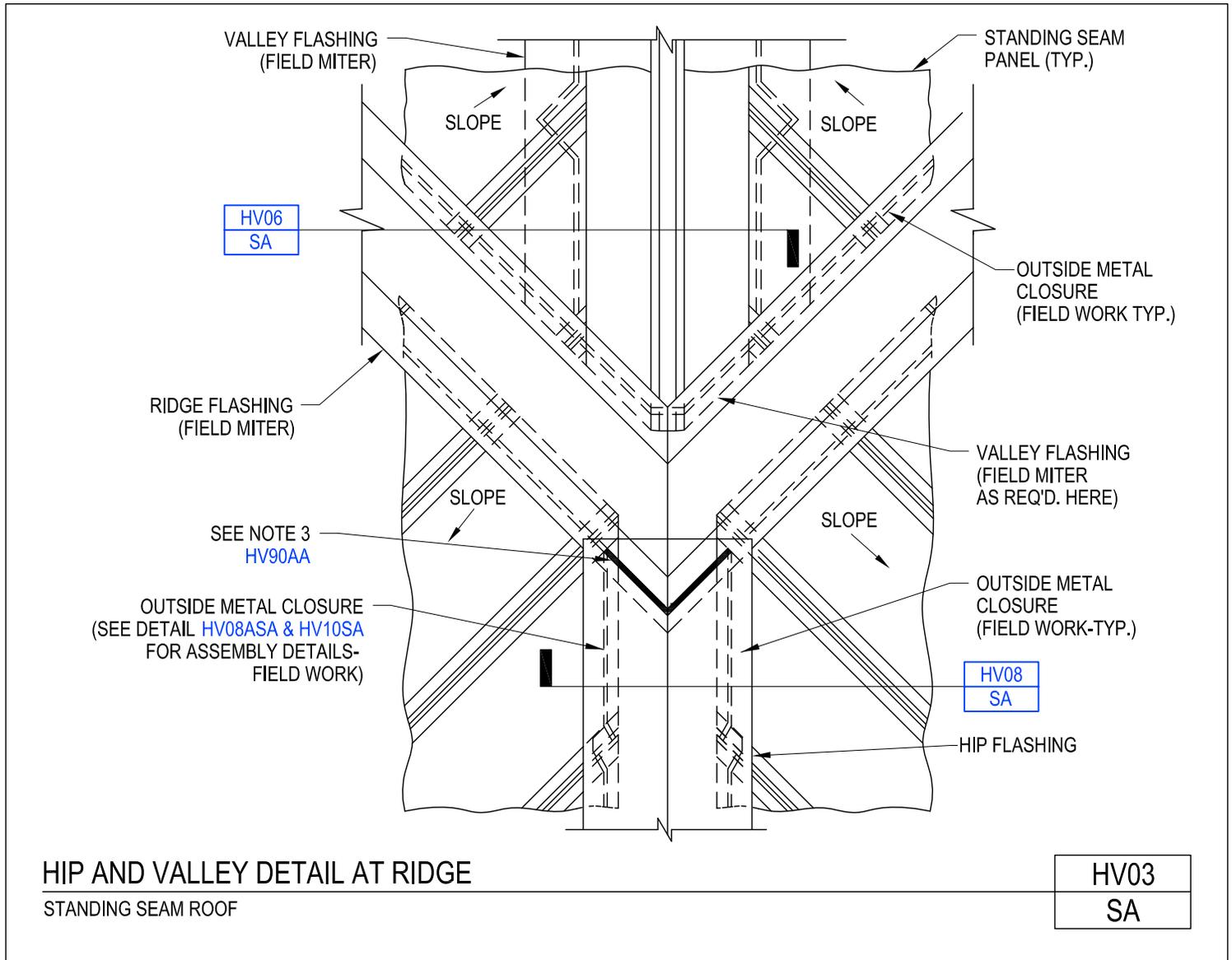
Hip Detail at Eave  
Standing Seam Roof  
HV02/SA



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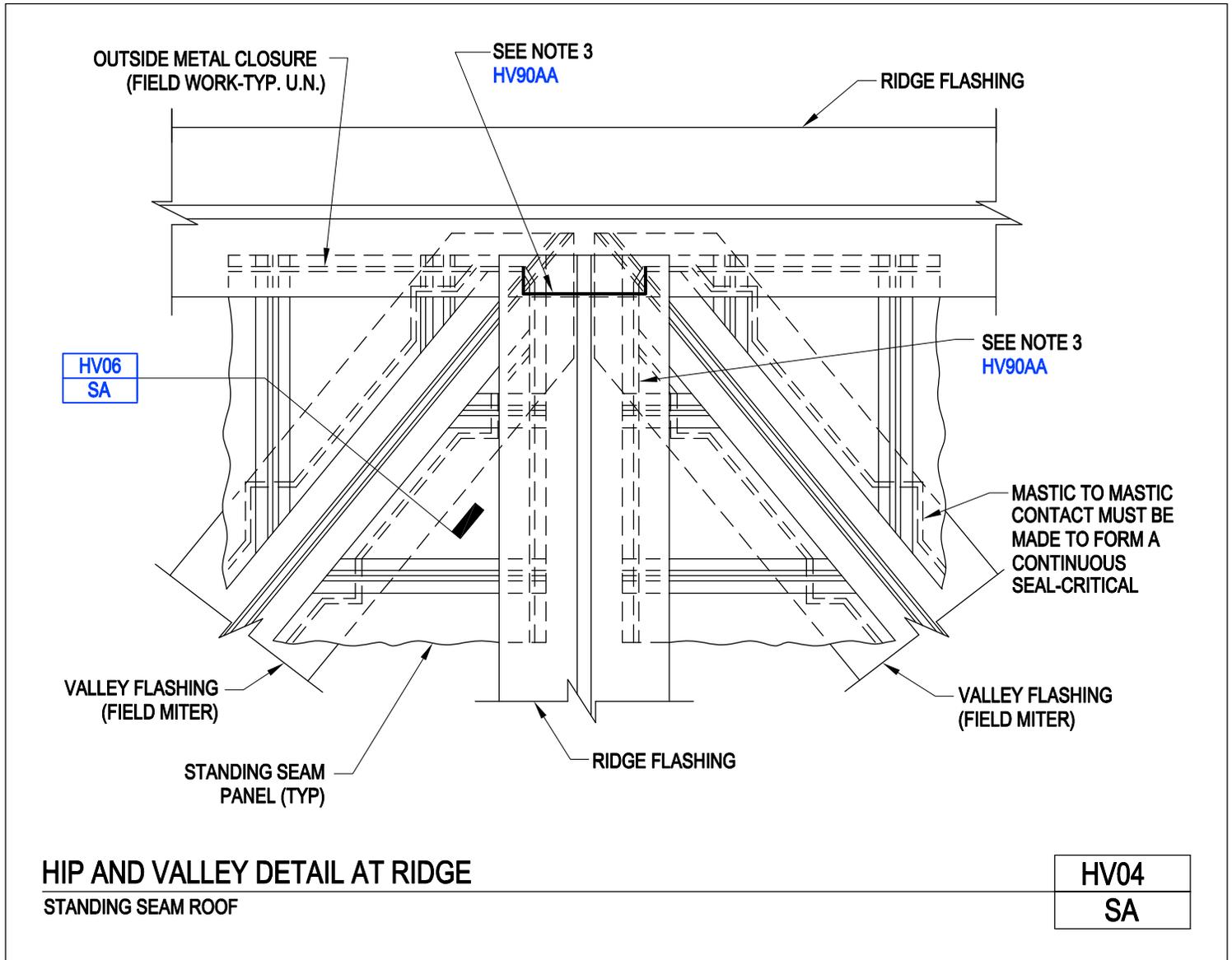
Hip and Valley Detail at Ridge  
Standing Seam Roof  
HV03/SA



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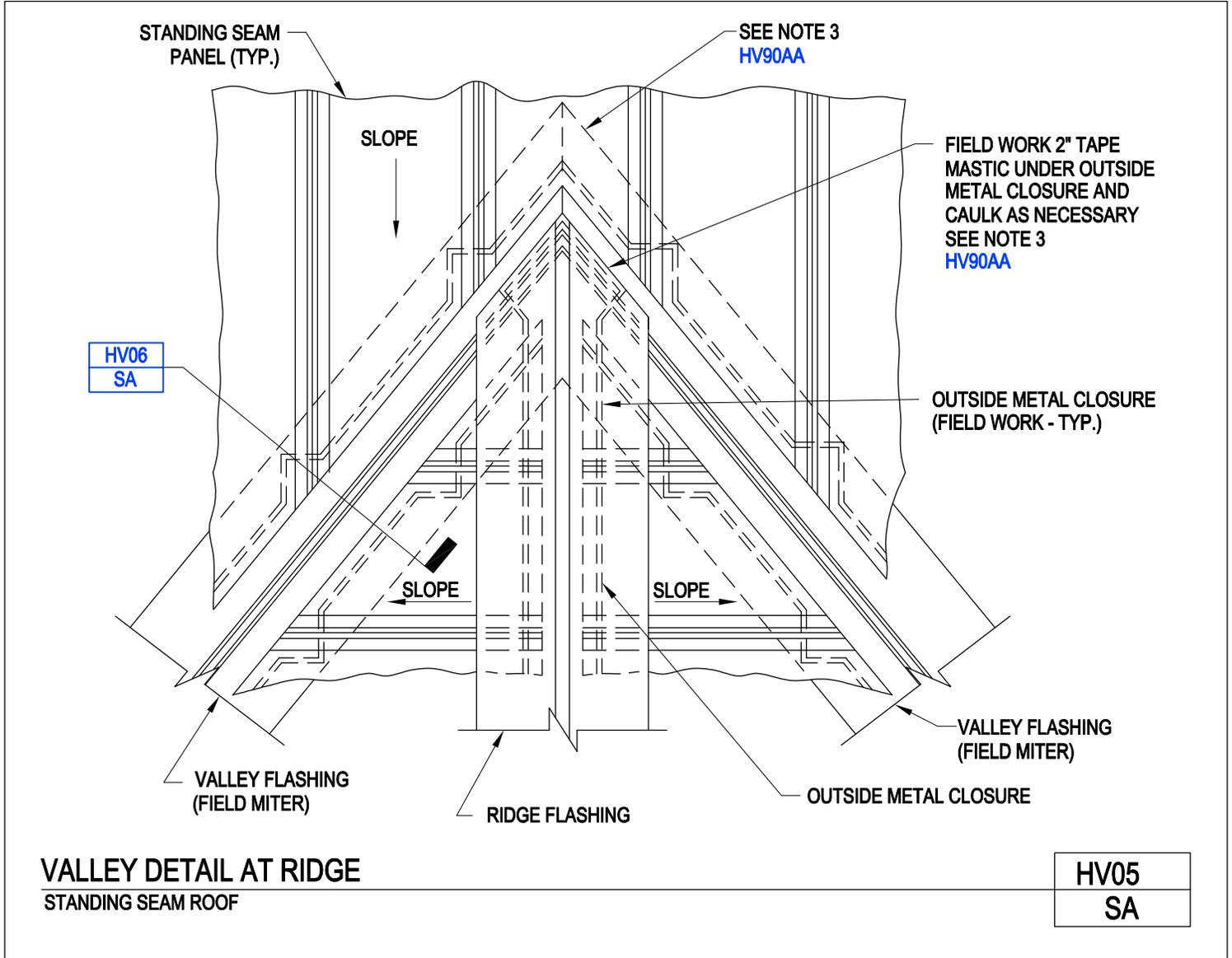
Hip and Valley Detail at Ridge  
Standing Seam Roof  
HV04/SA



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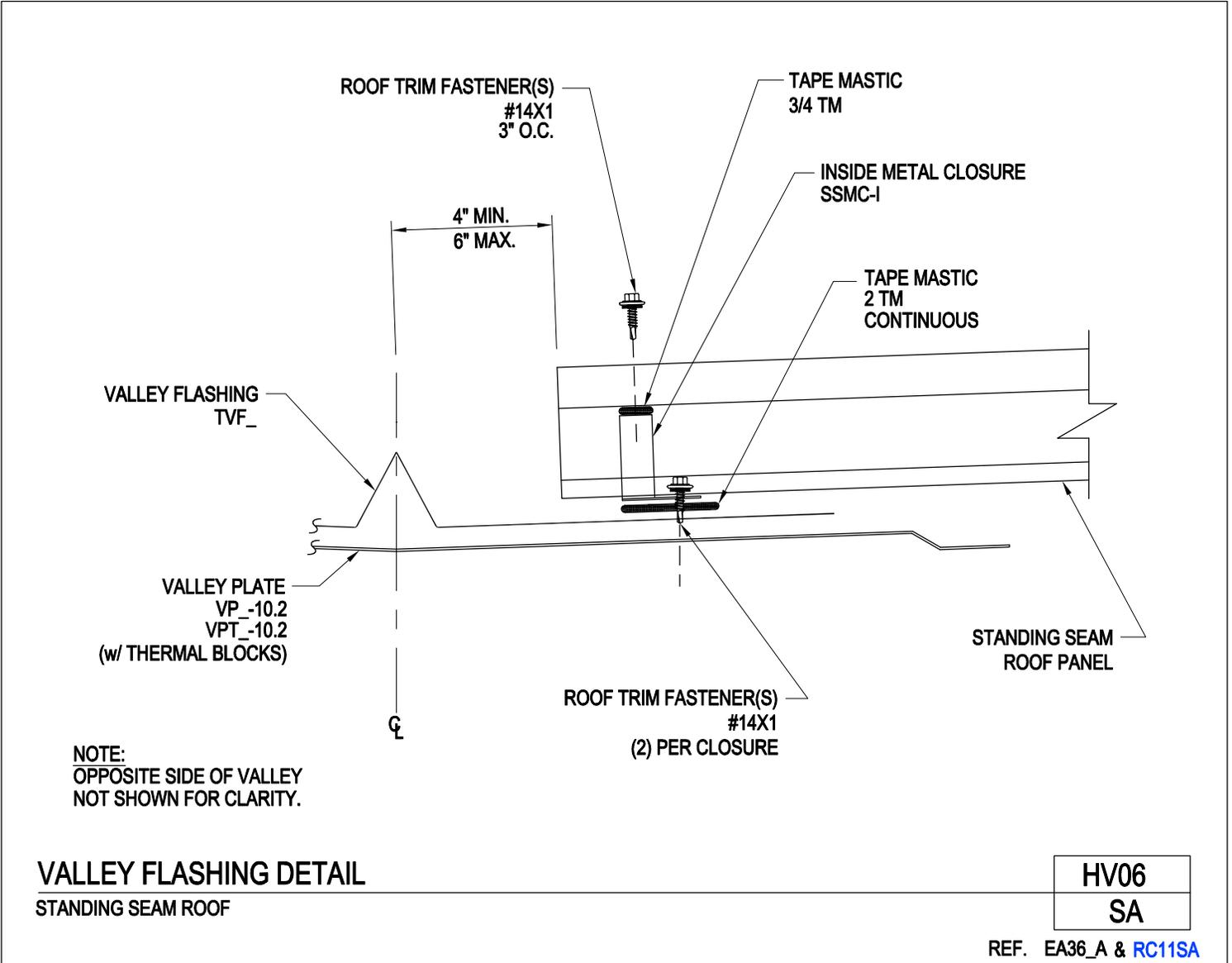
Valley Detail at Ridge  
Standing Seam Roof  
HV05/SA



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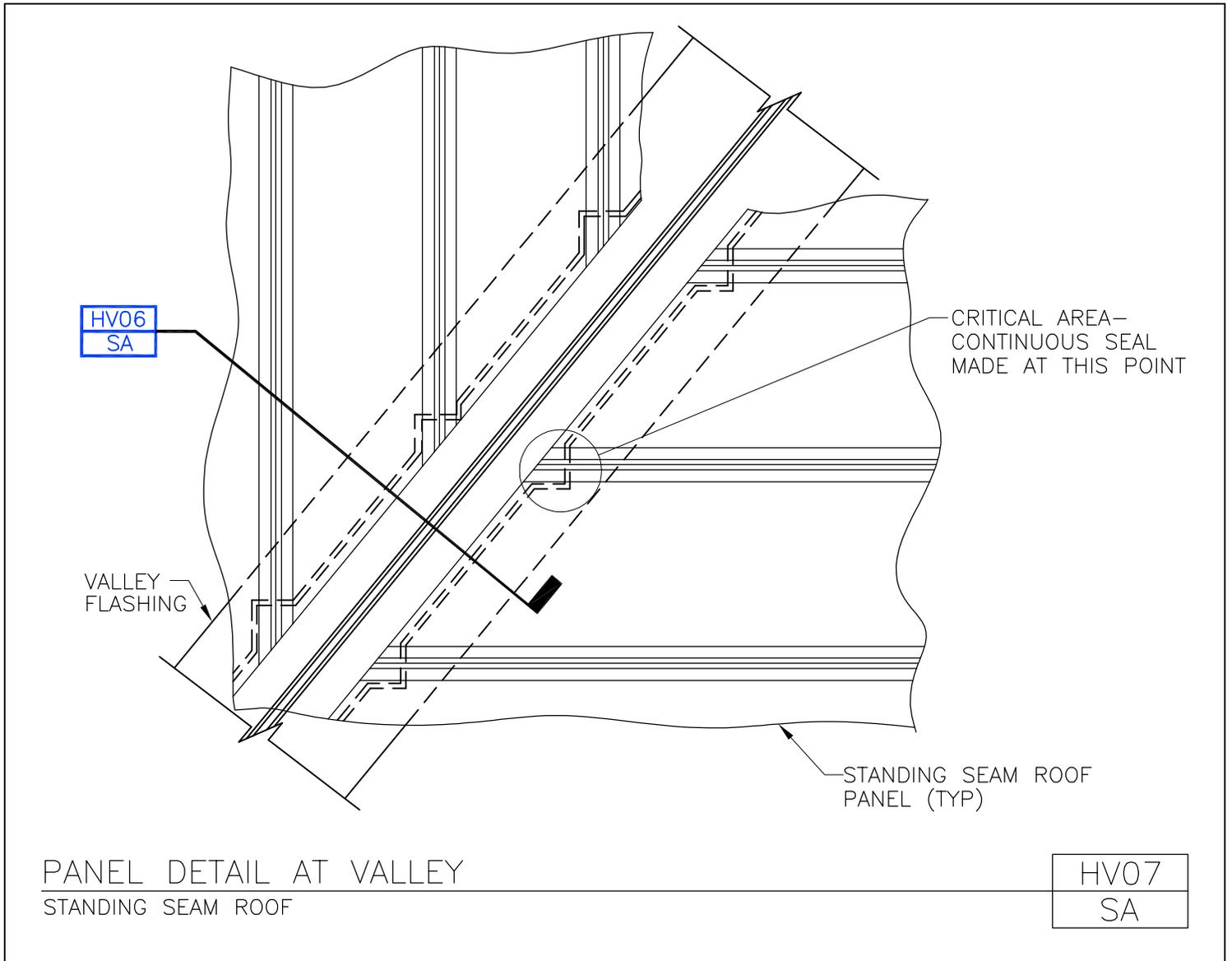
Valley Flashing Detail  
Standing Seam Roof  
HV06/SA



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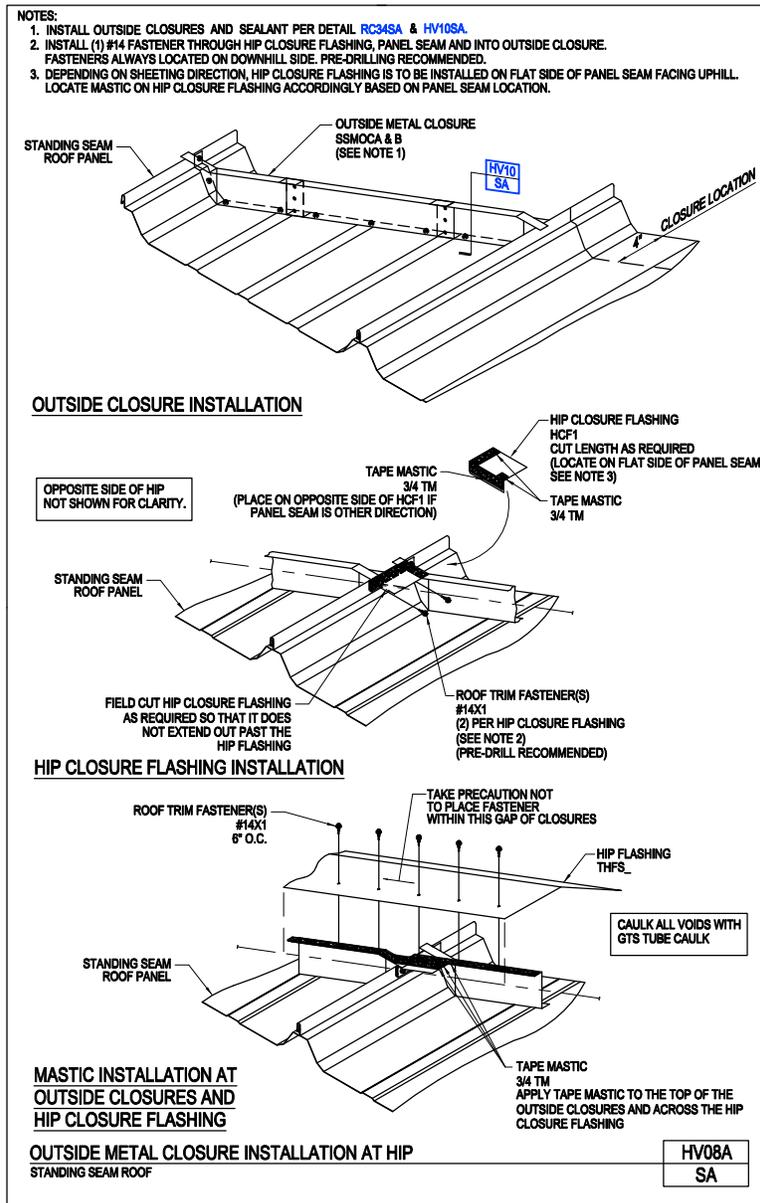
Panel Detail at Valley  
Standing Seam Roof  
HV07/SA



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Outside Metal Closure Installation at Hip  
Standing Seam Roof  
HV08A/SA



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# AMERICAN BUILDINGS

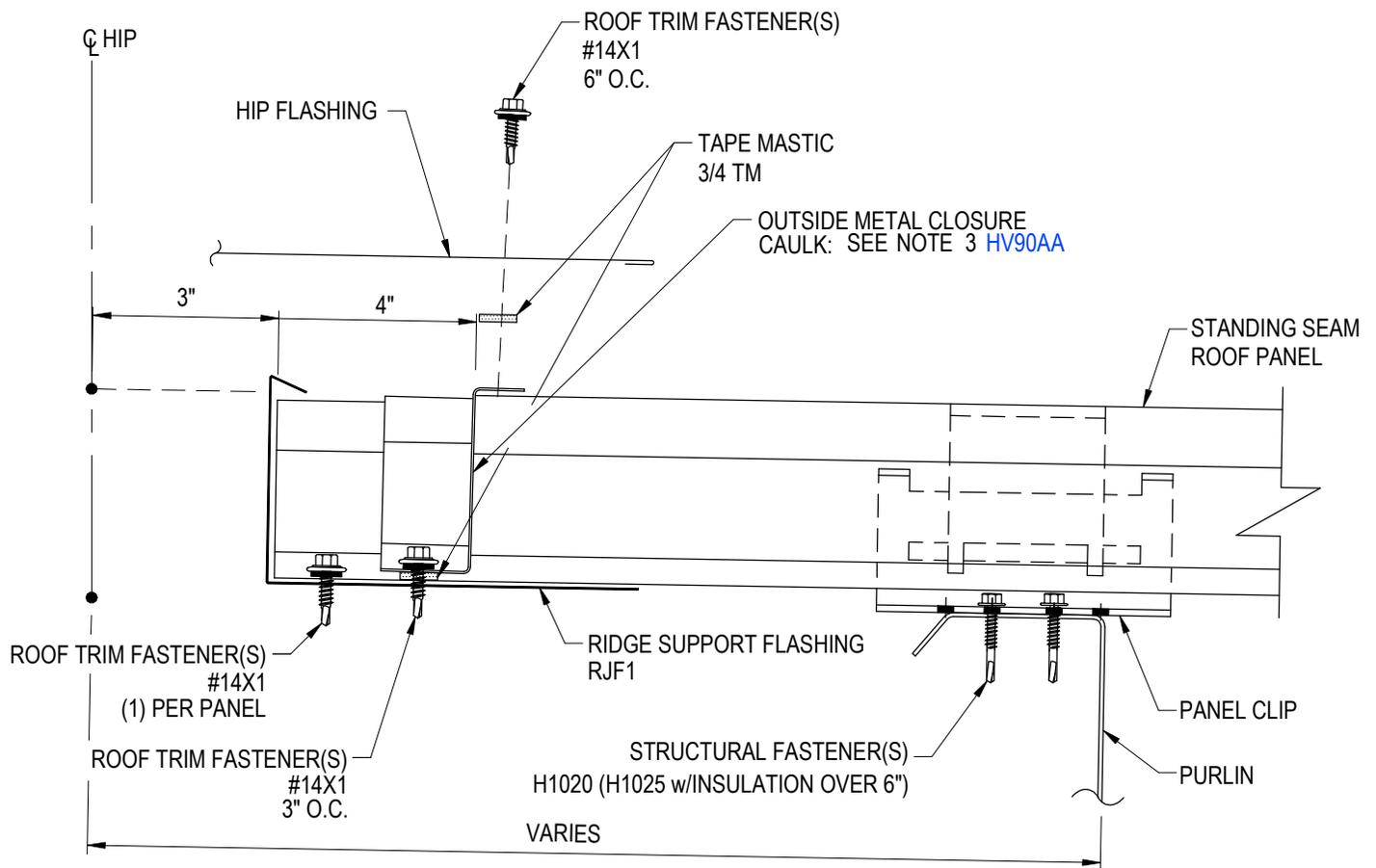
A NUCOR COMPANY

# PRODUCT MANUAL

STANDING SEAM ROOF PANEL

Hip Flashing Detail  
Standing Seam Roof  
HV08/SA

NOTE:  
OPPOSITE SIDE OF HIP  
NOT SHOWN FOR CLARITY.



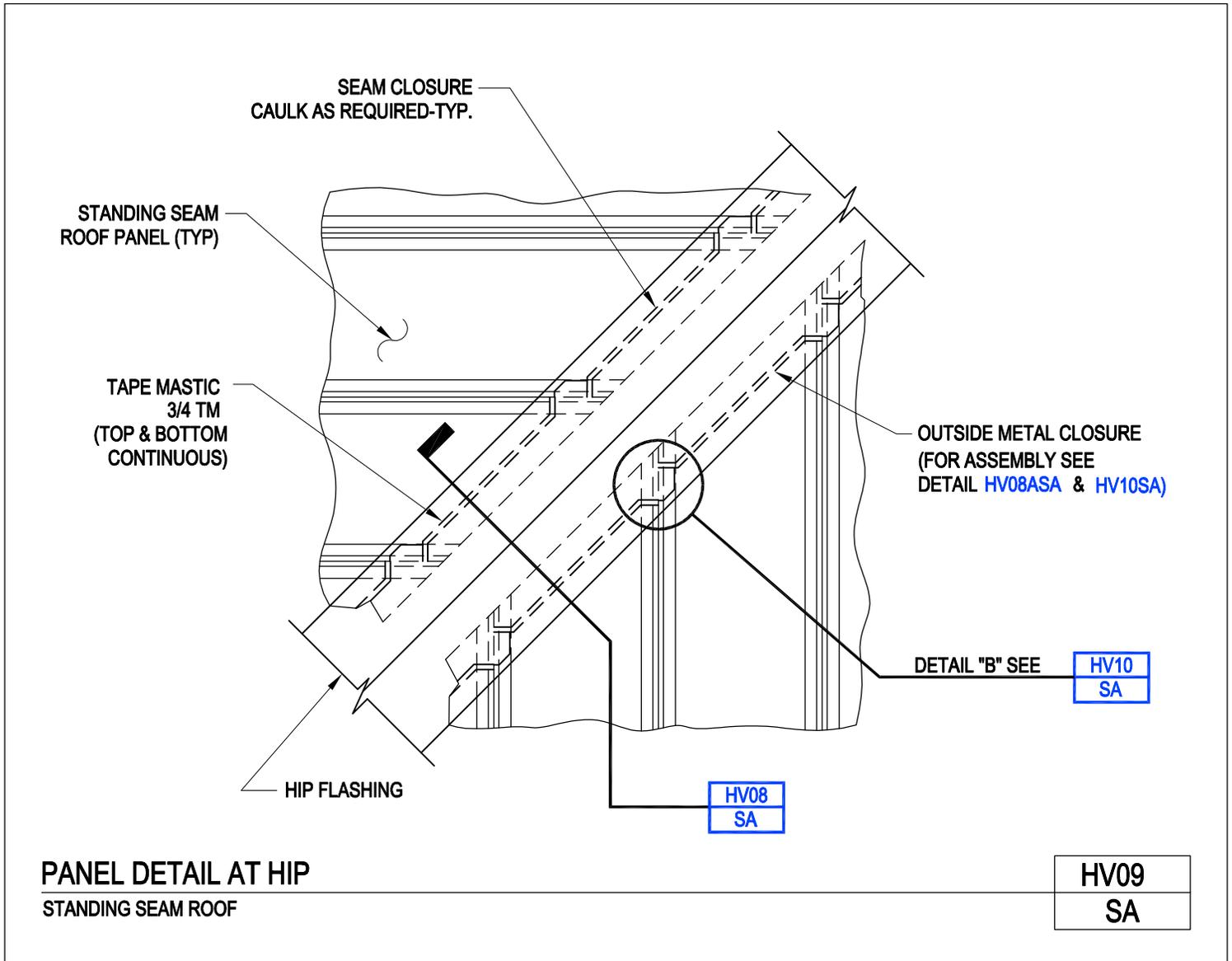
**HIP FLASHING DETAIL**  
STANDING SEAM ROOF

HV08
SA

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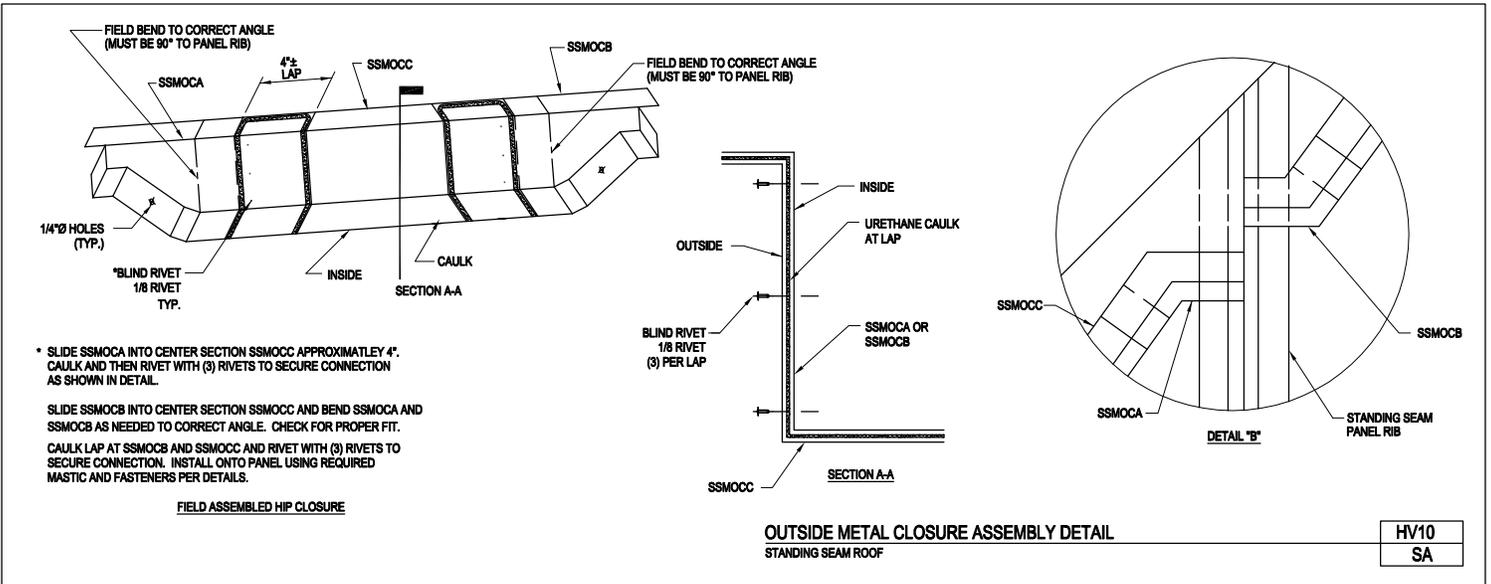
Panel Detail at Hip  
Standing Seam Roof  
HV09/SA



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[To Section Index](#)

Outside Metal Closure Assembly Detail  
Standing Seam Roof  
HV10/SA

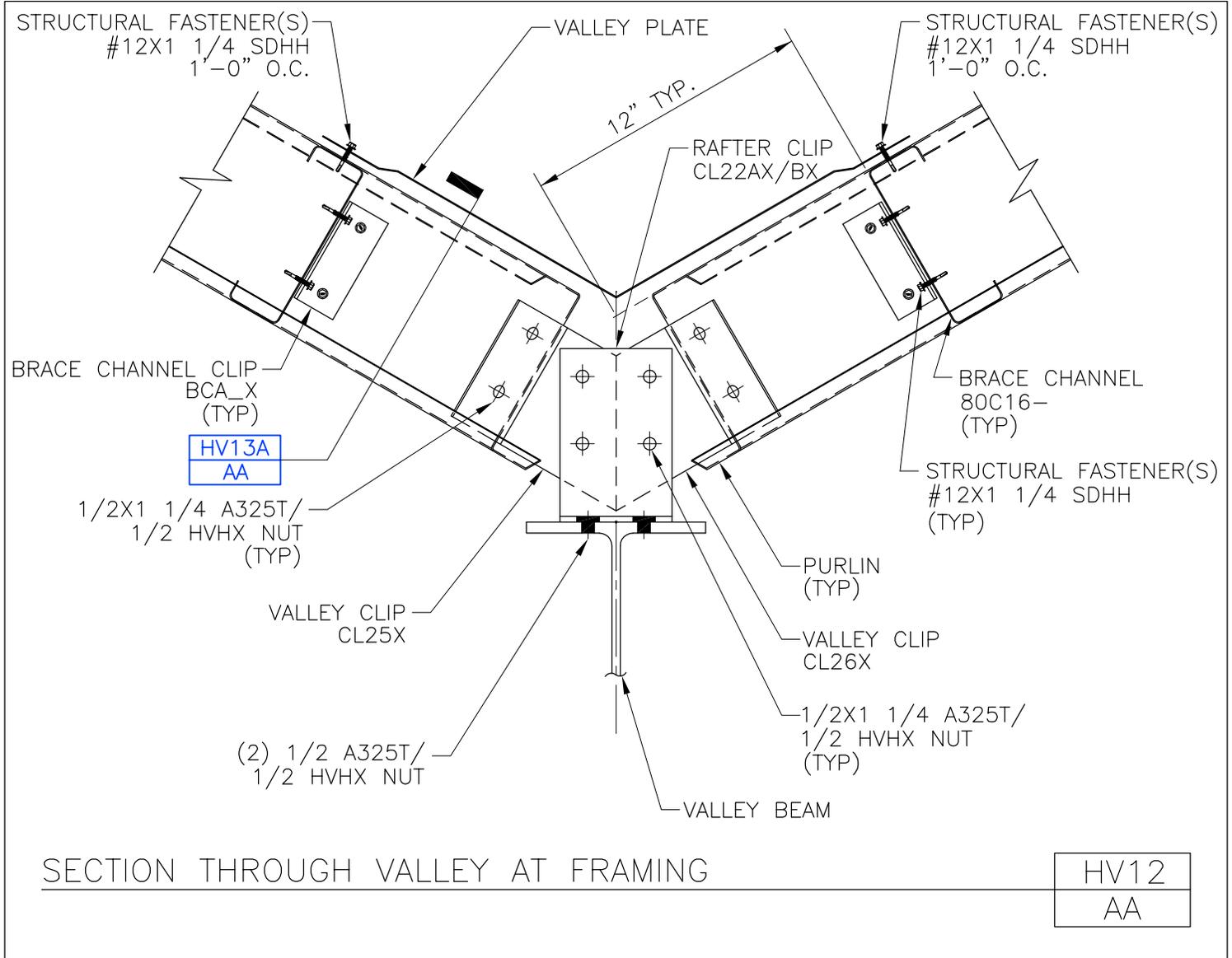


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[To Section Index](#)

Section Through Valley at Framing

HV12/AA

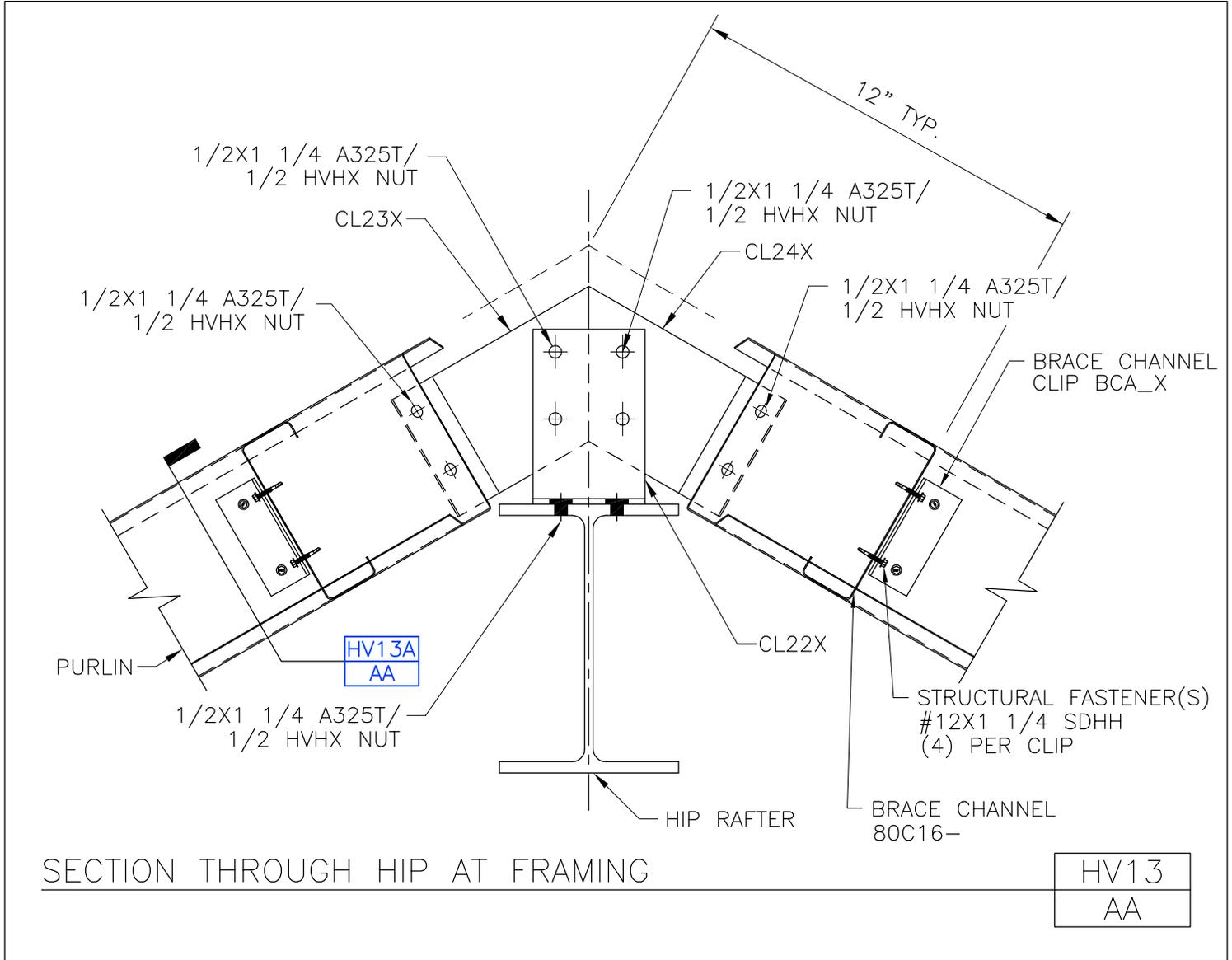


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[To Section Index](#)

Section Through Hip at Framing

HV13/AA

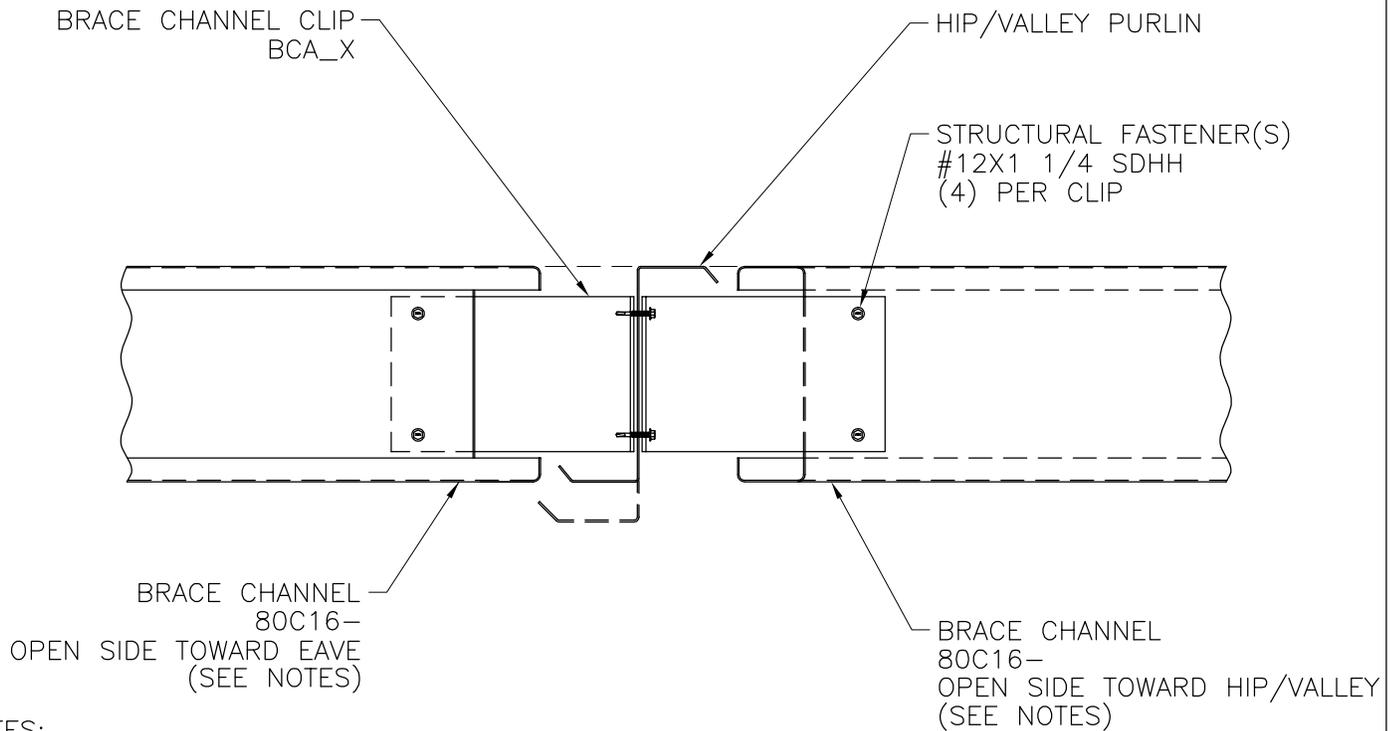


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[To Section Index](#)

Section Through Alternating Brace Channel

HV13A/AA



NOTES:

1. BRACE CHANNEL INSTALLATION REQUIRES ALTERNATING ORIENTATION TO PREVENT FASTENER FOULING.
2. ALIGN TOP OF BRACE CHANNEL FLUSH TO TOP OF HIP/VALLEY PURLIN REGARDLESS OF PURLIN DEPTH

SECTION THROUGH ALTERNATING BRACE CHANNEL

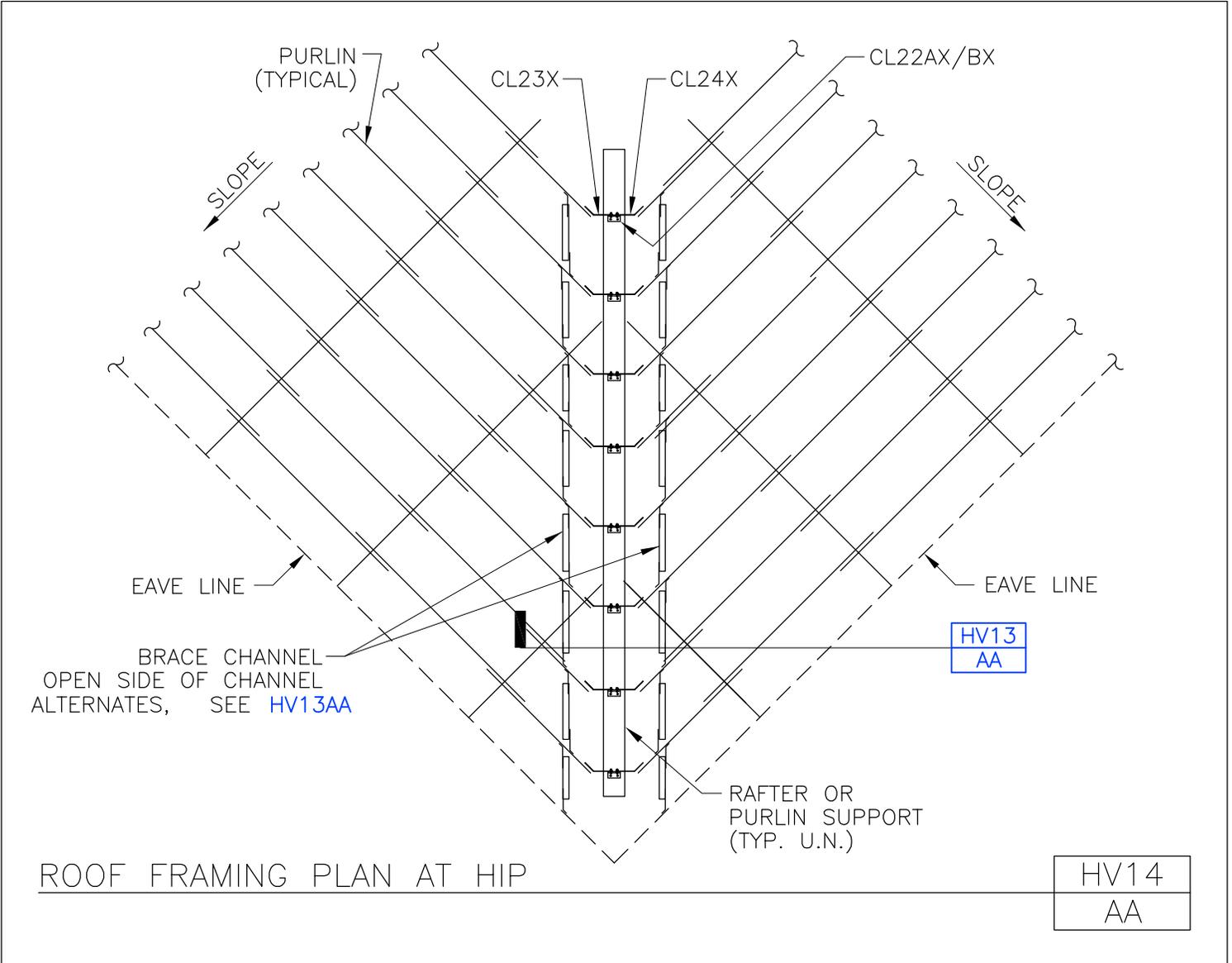
HV13A
AA

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[To Section Index](#)

Roof Framing Plan at Hip

HV14/AA

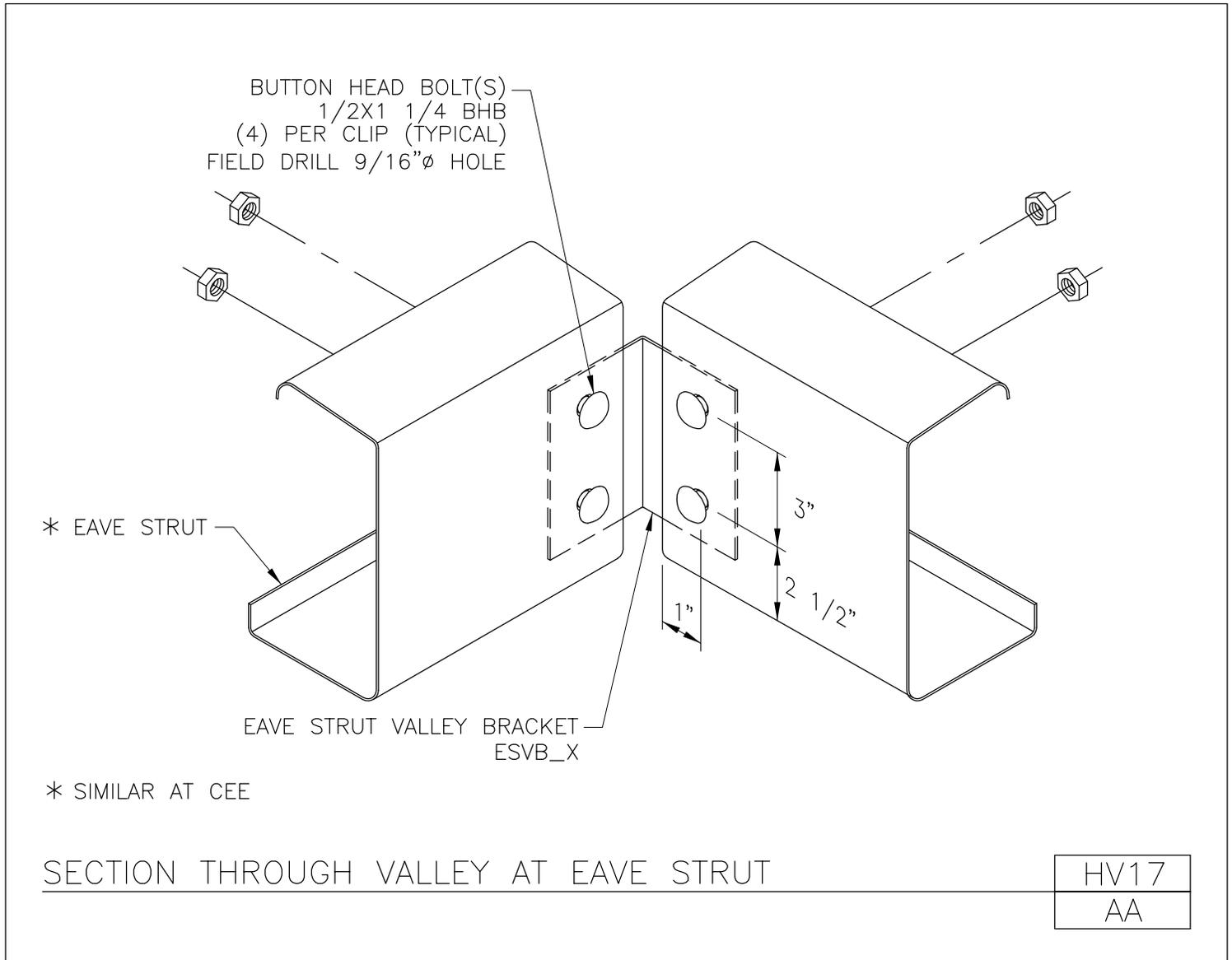


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Section Through Valley at Eave Strut

HV17/AA

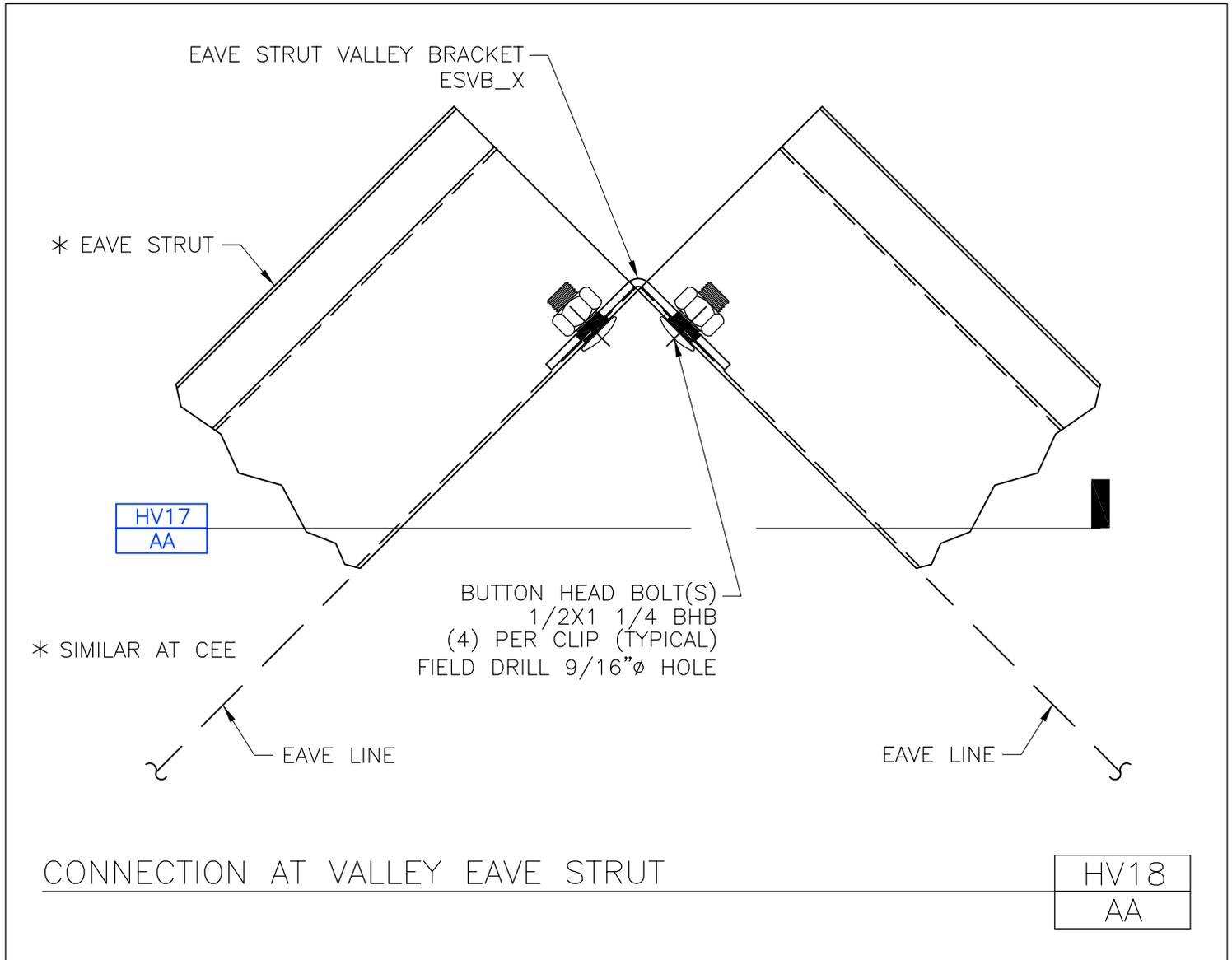


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[To Section Index](#)

Connection at Valley Eave Strut

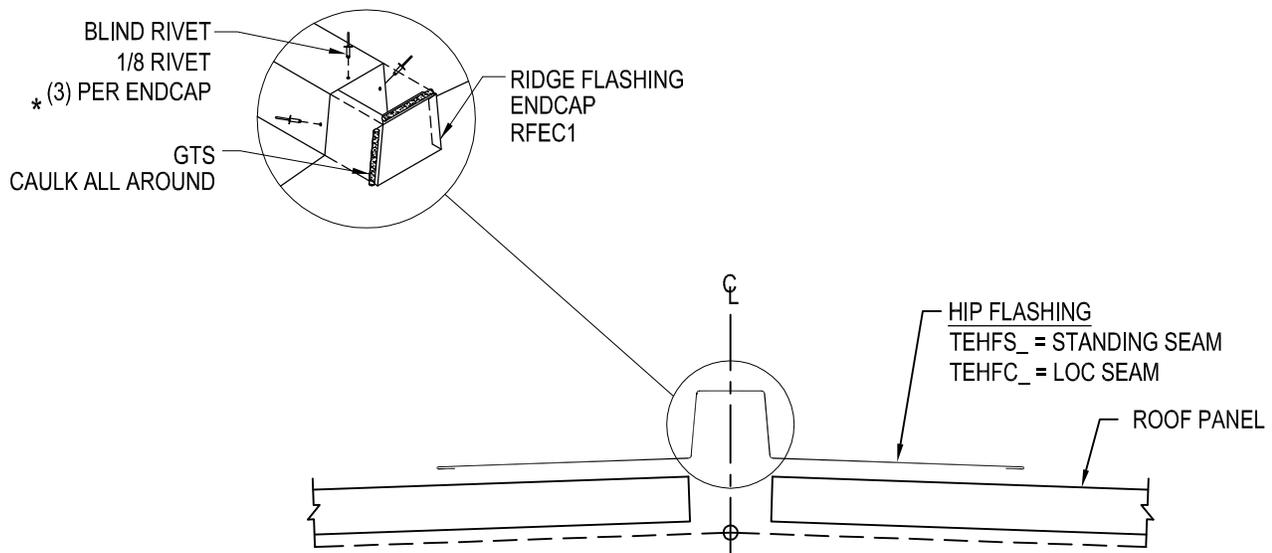
HV18/AA



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[To Section Index](#)

Hip Expansion Flashing - Endcap Installation  
Standing Seam and Loc Seam  
HV27/AA



**HIP EXPANSION FLASHING - ENDCAP INSTALLATION**  
STANDING SEAM AND LOC SEAM ROOFS

HV27
AA

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[To Section Index](#)

Hip and Valley Detail General Notes

HV90/AA

NOTES:

1. REVIEW ALL HIP AND VALLEY DETAILS AS WELL AS ALL STANDARD ERECTION DRAWINGS.
2. IF ALUMINUM COATED ROOF PANELS ARE REQUIRED, ALL PANEL ENDLAPS AND AREAS OF FIELD APPLIED MASTIC SHOULD BE WIPED CLEAN WITH A MILD ALL PURPOSE DETERGENT CLEANER BEFORE MASTIC INSTALLATION. THIS WILL ENSURE A GOOD SEALING SURFACE AND IMPROVE WEATHER TIGHTNESS.
3. DUE TO THE MANY VARIATIONS OF HIP AND VALLEY CONDITIONS, THE DETAILS SHOWN ARE FOR REFERENCE ONLY. ALL HIP AND VALLEY FLASHING CONNECTIONS ARE TO BE FIELD WORKED.
4. WHEN FIELD CUTTING PANELS OR TRIM DO NOT USE ABRASIVE SAWS OR OTHER CUTTING METHODS WHICH PRODUCE HOT METAL PARTICLES OR BURN THE CUT EDGES. THESE METHODS WILL DAMAGE THE PAINTED AND GALVALUME FINISH AND VOID ANY WARRANTIES. USE DOUBLE CUT SHEARS, NIBBLERS OR OTHER CUTTING DEVICES WHICH DO NOT PRODUCE HOT METAL PARTICLES OR BURNED EDGES.
5. THINK SAFETY.

HIP AND VALLEY DETAILS GENERAL NOTES

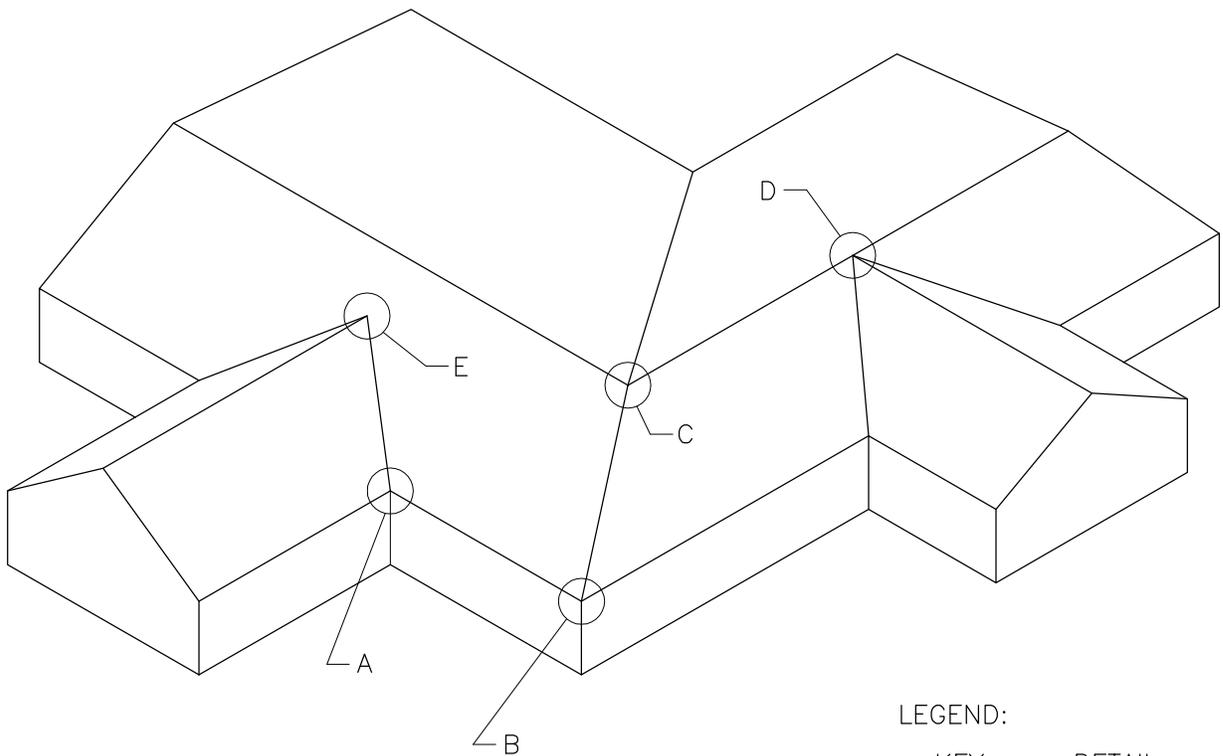
HV90
AA

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[To Section Index](#)

Hip and Valley Details Key Plan

HVOA/SA



LEGEND:

KEY	DETAIL
A	= HV01SA
B	= HV02SA
C	= HV03SA
D	= HV04SA
E	= HV05SA

HIP AND VALLEY DETAILS KEY PLAN

HVOA
SA

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[To Section Index](#)