



Prestige Series[®]

(Vertical Install.)
Installation Guide

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(Vertical Install.)
Installation Guide

- Table of Contents -

Section	Page
<i>General Notes</i>	<i>i</i>
<i>Panel Details</i>	<i>1</i>
<i>Clip</i>	<i>2</i>
<i>Closures</i>	<i>3</i>
<i>Base</i>	<i>4</i>
<i>Sill</i>	<i>5</i>
<i>End Wall</i>	<i>6</i>
<i>Outside Corner</i>	<i>7</i>
<i>Inside Corner</i>	<i>8</i>
<i>Soffit (Front)</i>	<i>9</i>
<i>Soffit (Back)</i>	<i>10</i>
<i>Soffit End Splice</i>	<i>11</i>
<i>End Splice (w/Trim)</i>	<i>12</i>
<i>Parapet</i>	<i>13</i>
<i>Door/Window (Head)</i>	<i>14</i>
<i>Door/Window (Jamb)</i>	<i>15</i>
<i>Door/Window (Sill)</i>	<i>16</i>
<i>Wall Penetration (3D)</i>	<i>17</i>
<i>Wall Penetration</i>	<i>18</i>
<i>Rigid Insulation</i>	<i>19</i>

General Notes

The attached installation details are intended to be a design aid and do not depict all situations. Modifications are the responsibility of the designer/user and should take into account climate conditions such as wind and snow, governing code requirements, and the actual usage and maintenance of the structure.

Applications:

Prestige Series is designed to be used as a soffit panel, or as a wall panel installed in the vertical or horizontal orientation. It shall not be utilized for roof applications. Prestige Series can be used over solid substrates or over spaced supports. This installation guide depicts panels installed over solid substrate. Details for panels installed over spaced supports would be similar.

Flashings:

Where possible, flashings should be lapped away from prevailing winds. Certain flashings should be supported if it is likely that equipment (ladder, etc.) will be used against them. Check with AEP Span any time you intend to specify a prefinished flashing in a gauge or finish different than with Prestige Series. It is good practice to specify that all flashings be of the same material (gauge, color, finish) as the roof panels to ensure long-term durability. Field-painted flashings rarely equal the durability and colorfastness of factory baked-on paint systems. The enclosed details have minimized the use of exposed fasteners where possible. The edges of flashings have also been shown hemmed to strengthen and to minimize the exposure of cut edges.

Flashing design and fabrication is generally the responsibility of the contractor. For convenience, we have provided some typical flashing drawings on our website at <http://www.aepspan.com/roof/prodDetailad08.html?id=35>. Applicable Prestige Series flashing part numbers are referenced within this installation guide. Note that flashing shapes and dimensions may vary greatly based on project requirements. Installation details and flashings referenced within are for general design guidance only.

Condensation, Insulation, & Ventilation:

It is the designer's responsibility to determine the need and composition of condensation control materials including insulation and vapor retarders, as well as ventilation requirements. Metal wall products are susceptible to condensation and its control should be carefully considered.

Thermal Movement:

Both panels and flashings must allow for thermal movement (expansion and contraction) of the materials, especially where long lengths are used. Appropriate gaps or other provisions must be provided to accommodate thermal movement.

Oil Canning:

Flat metal surfaces often display waviness commonly referred to as 'oil canning'. This can be caused by variations in raw material, processing variations, product handling, or variations in the installation substrate. Oil canning is a characteristic, not a defect, of panels manufactured from light-gauge metal. To reduce potential for oil canning, substrates should not deviate from a flat plane more than 1/4 inch in 20 feet, or 1/8 inch in 5 feet. Oil canning is not a cause for panel rejection. Additional technical information is available upon request.

References:

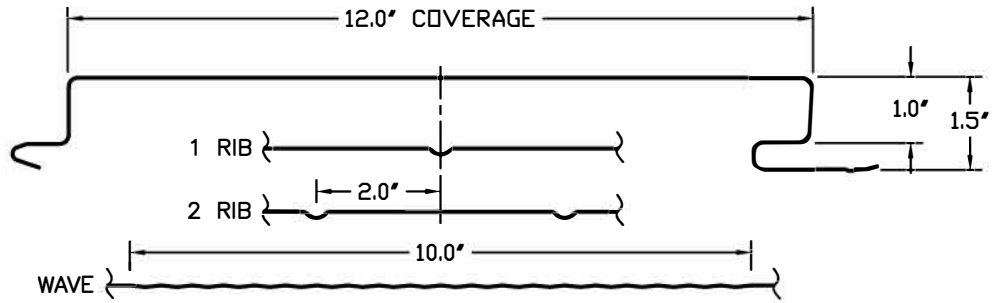
The Sheet Metal and Air Conditioning Contractors' National Association Inc. (SMACNA) manual is an excellent reference for sheet metal contractors. It's guidelines for underlayments, gutter and downspout size requirements, and expansion/contraction of metals and flashing joints should be followed.

Technical Assistance:

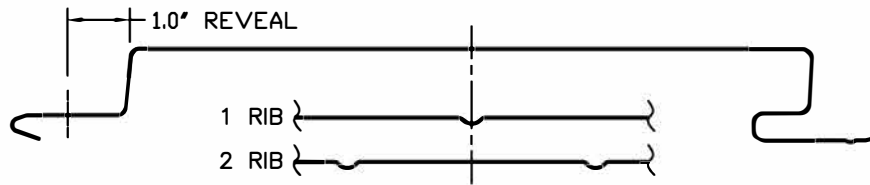
Contact your AEP Span Sales Representative for additional information.



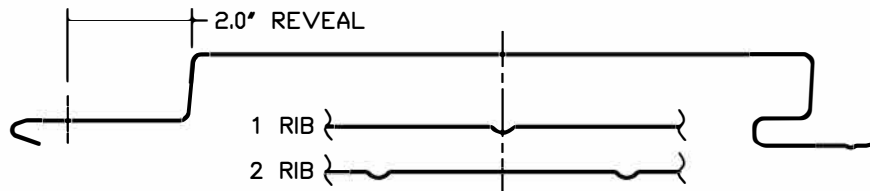
NO REVEAL



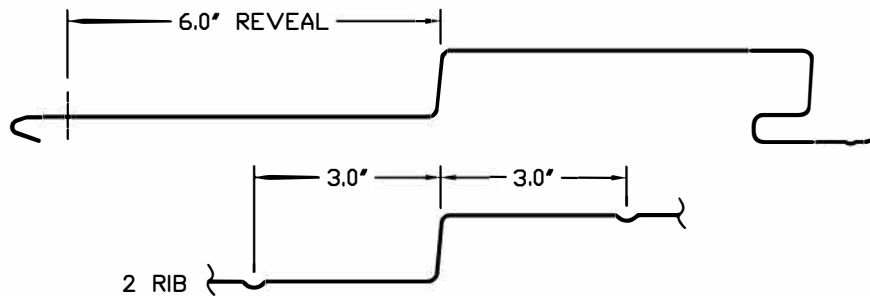
1" REVEAL



2" REVEAL



6" REVEAL

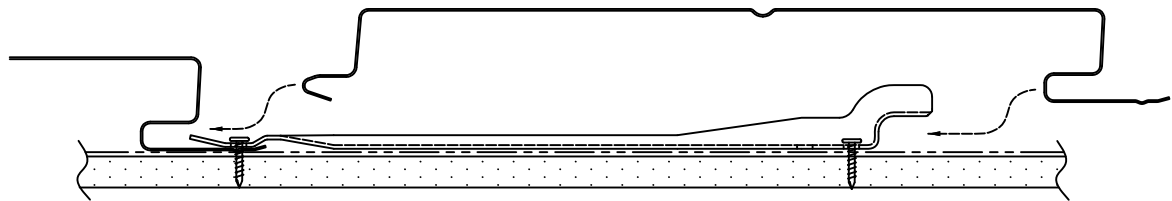
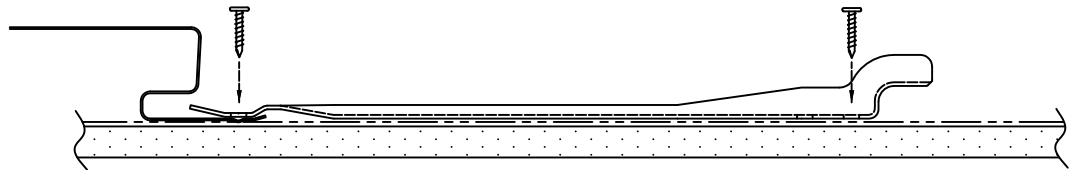
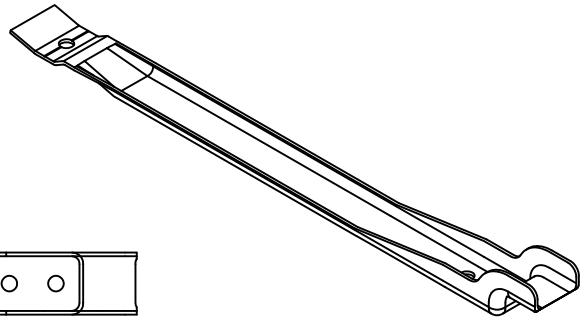
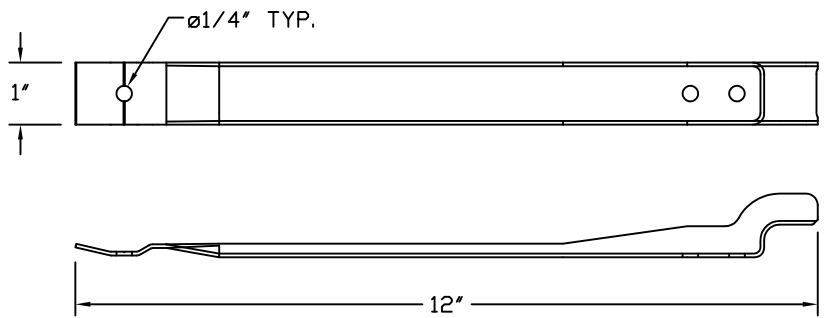


PRESTIGE SERIES
VERTICAL INSTALL.



PANEL DETAILS

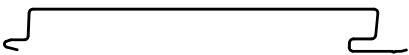
PSV-01



- NOTES:
- CLIP REQUIRED FOR MOST WIND LOAD CONDITIONS.
 - REFER TO PANEL ATTACHMENT SCHEDULES FOR PROPER CLIP/FASTENER SPACING & ASSOCIATED WIND LOAD CAPACITIES.
 - REFER TO AEP SPAN TECHNICAL BULLETIN #35 FOR ADDITIONAL INFORMATION REGARDING CLIP USAGE.

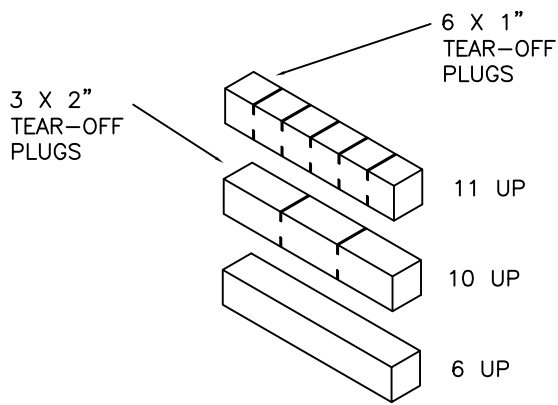


PRESTIGE SERIES
VERTICAL INSTALL.

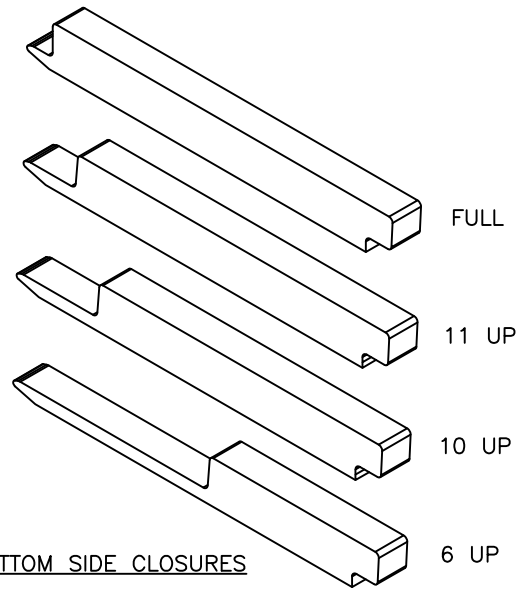


CLIP

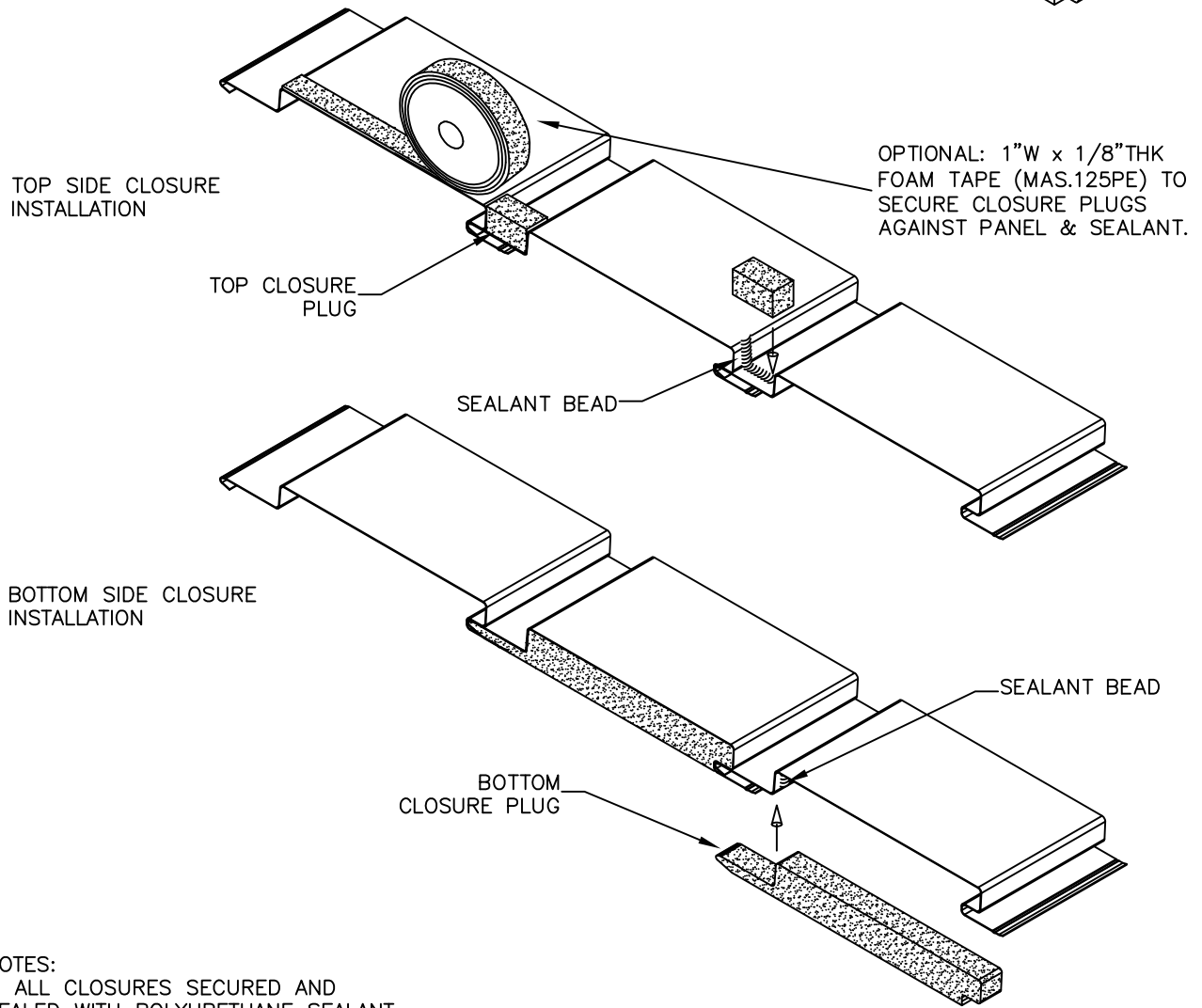
PSV-02



TOP SIDE CLOSURES



BOTTOM SIDE CLOSURES



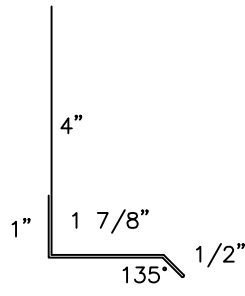
NOTES:
 - ALL CLOSURES SECURED AND SEALED WITH POLYURETHANE SEALANT



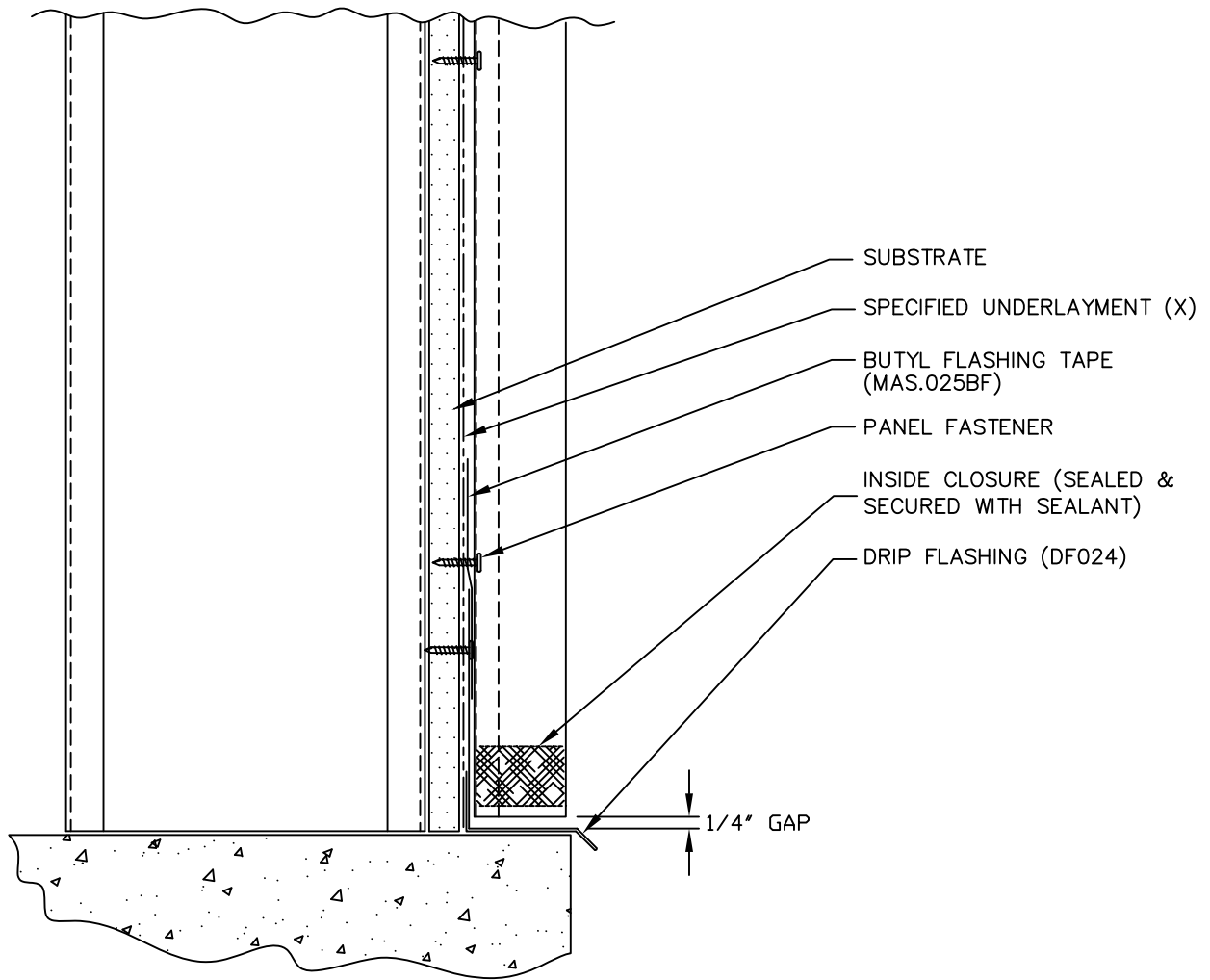
PRESTIGE SERIES
 VERTICAL INSTALL.

CLOSURES

PSV-03



DF024



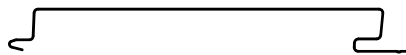
- SUBSTRATE
- SPECIFIED UNDERLAYMENT (X)
- BUTYL FLASHING TAPE (MAS.025BF)
- PANEL FASTENER
- INSIDE CLOSURE (SEALED & SECURED WITH SEALANT)
- DRIP FLASHING (DF024)

1/4" GAP

(X) - NOT BY AEP SPAN

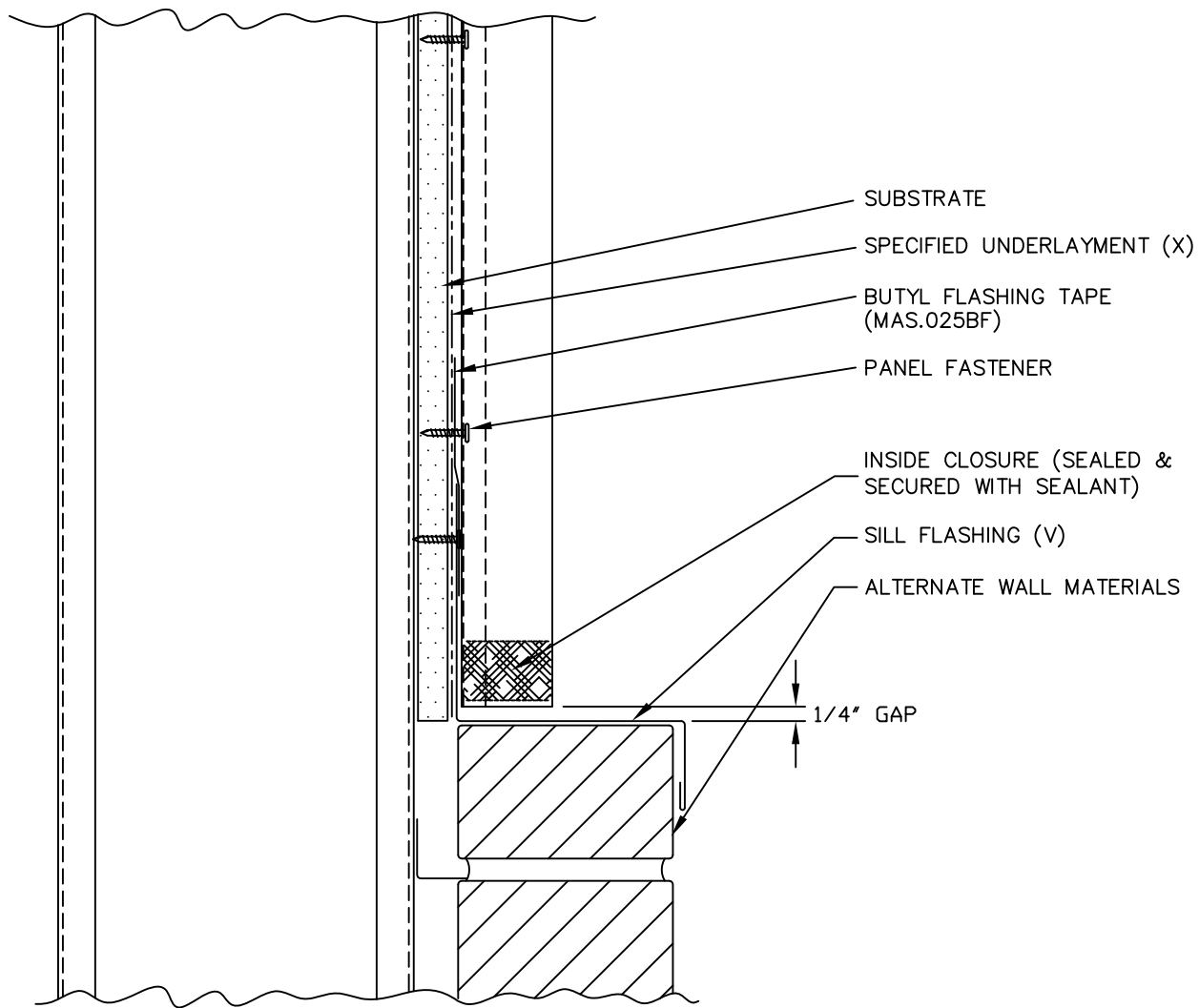


PRESTIGE SERIES
VERTICAL INSTALL.



BASE

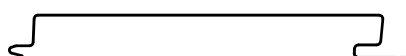
PSV-04



(X) - NOT BY AEP SPAN
 (V) - DIMENSIONS VARY BASED ON PROJECT CONDITIONS

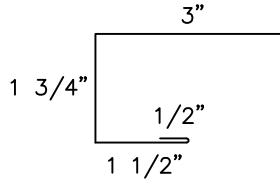


PRESTIGE SERIES
VERTICAL INSTALL.

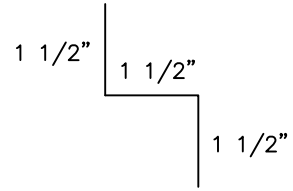


SILL

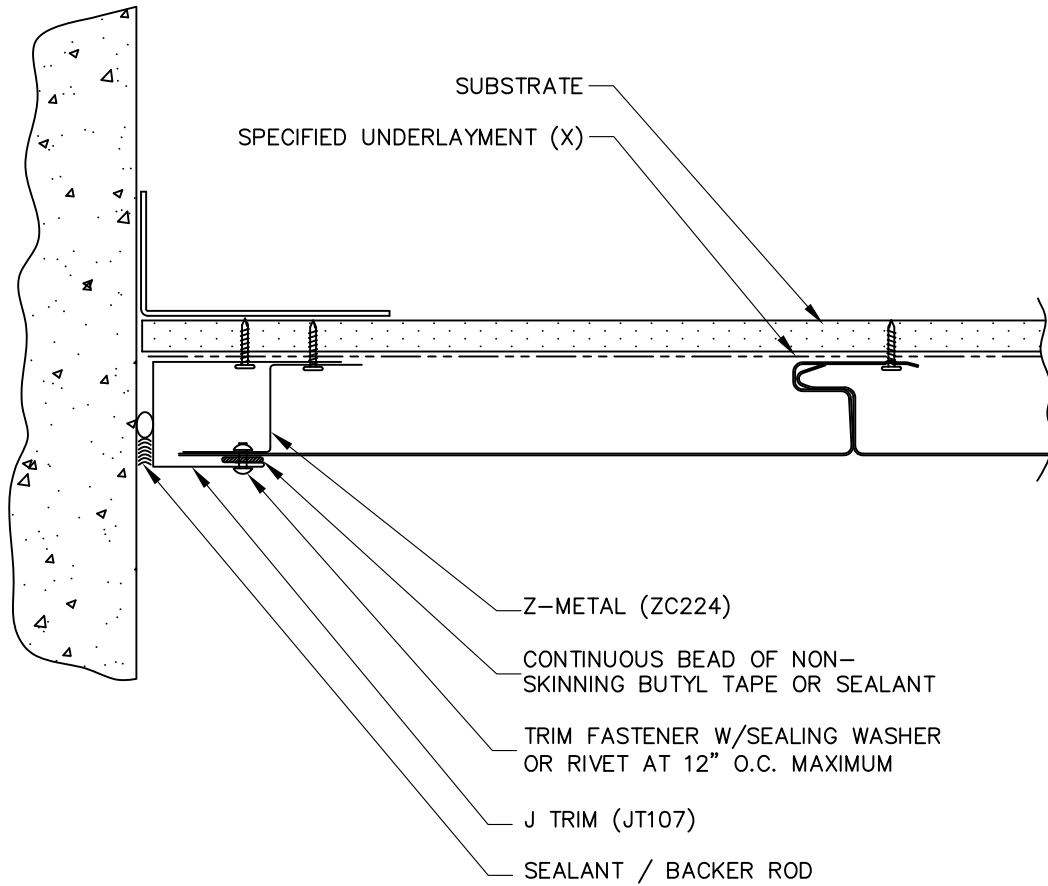
PSV-05



JT107



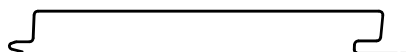
ZC224



(X) - NOT BY AEP SPAN

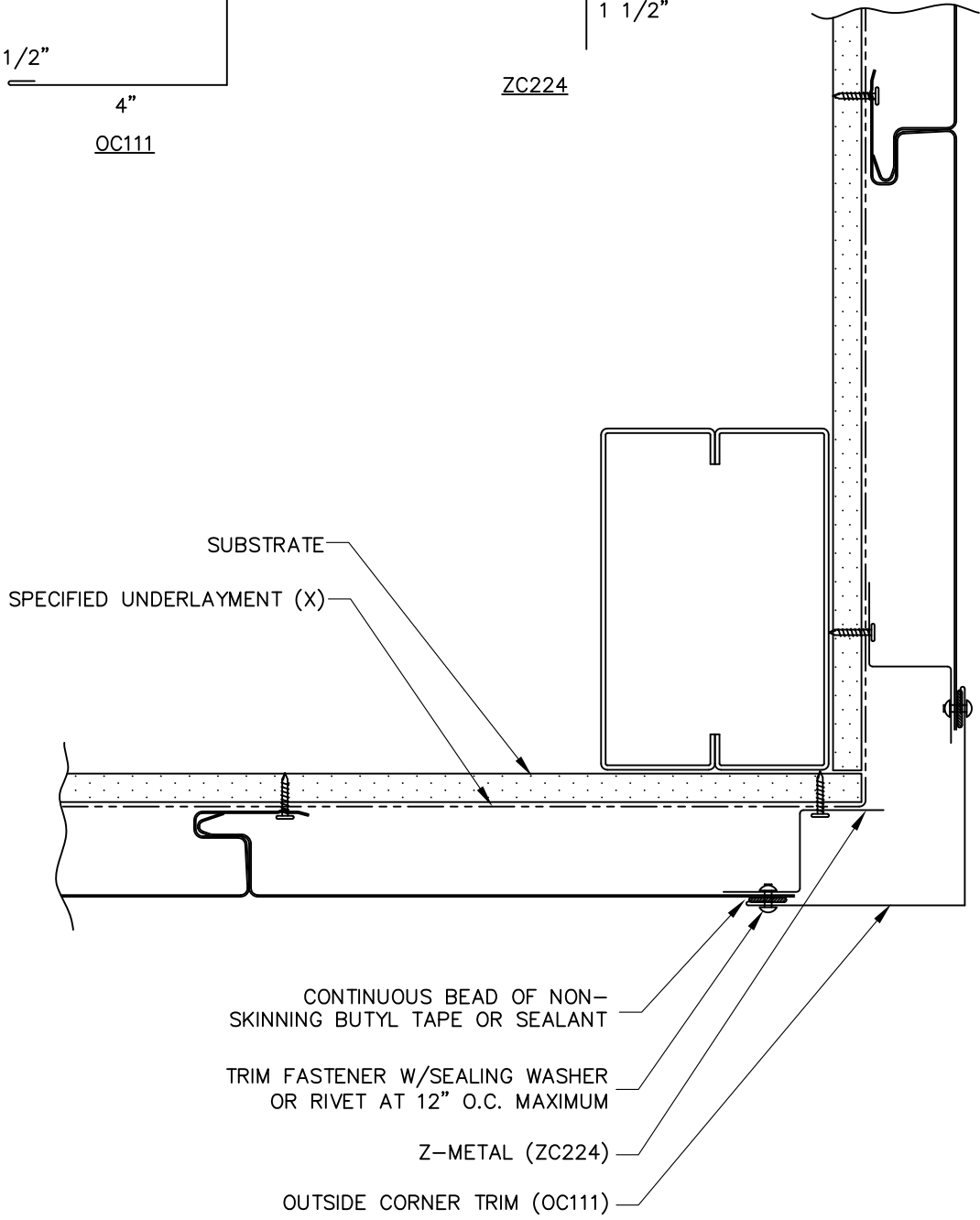
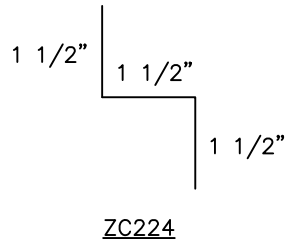
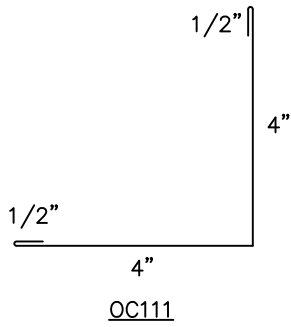


PRESTIGE SERIES
VERTICAL INSTALL.



END WALL

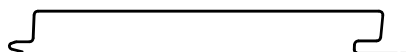
PSV-06



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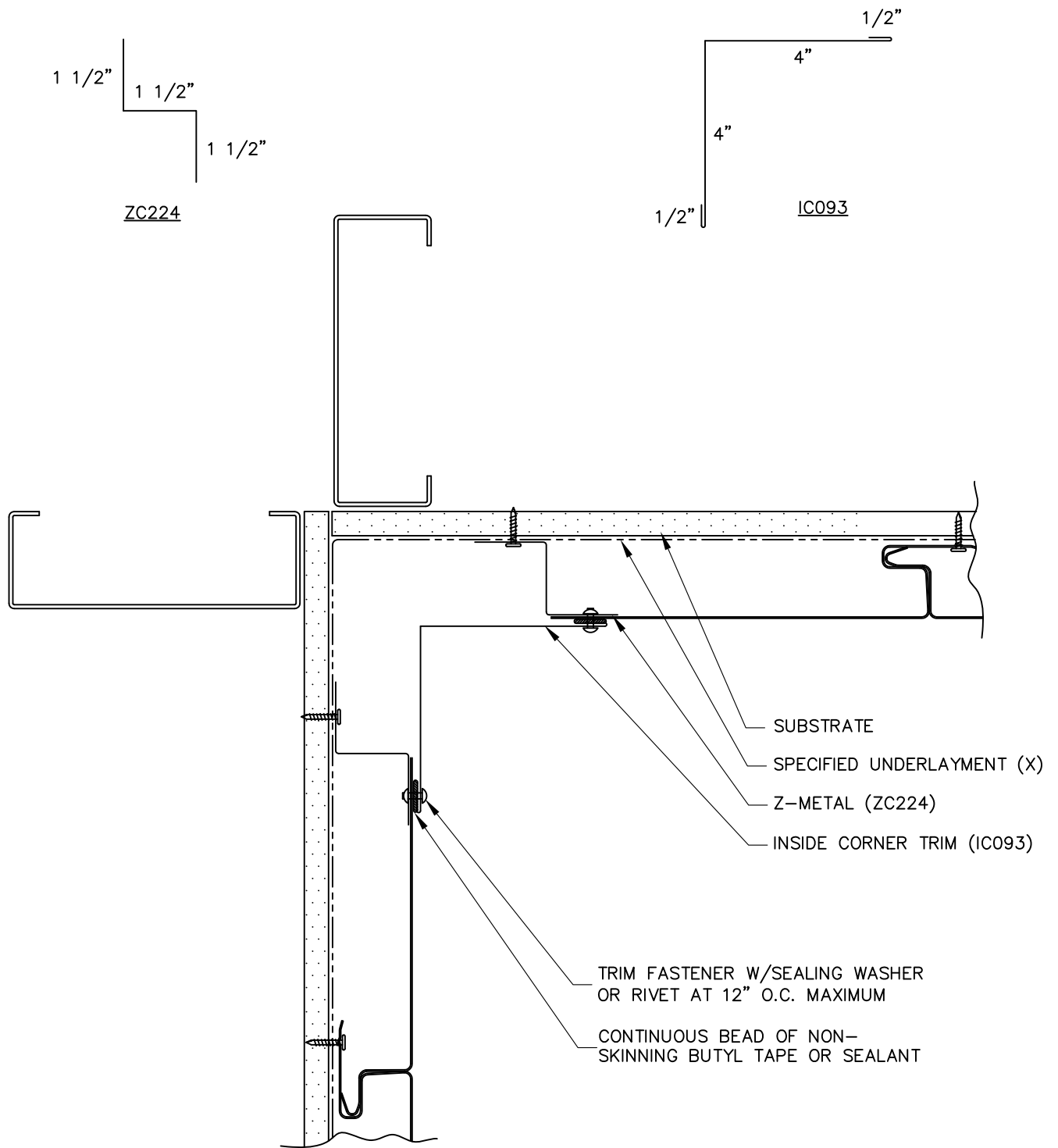


PRESTIGE SERIES
VERTICAL INSTALL.



OUTSIDE CORNER

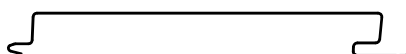
PSV-07



(X) - NOT BY AEP SPAN

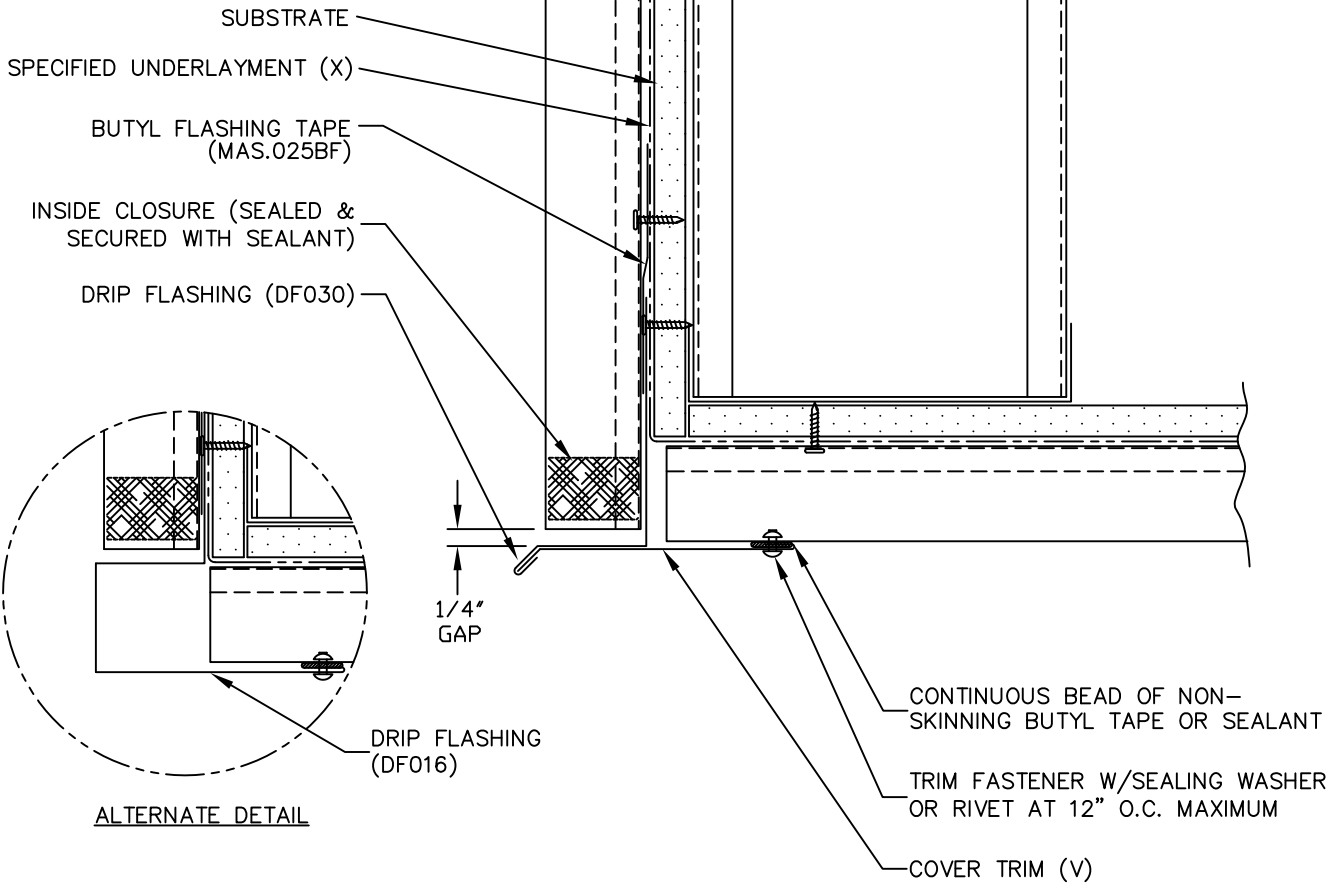
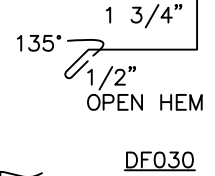
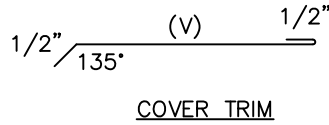
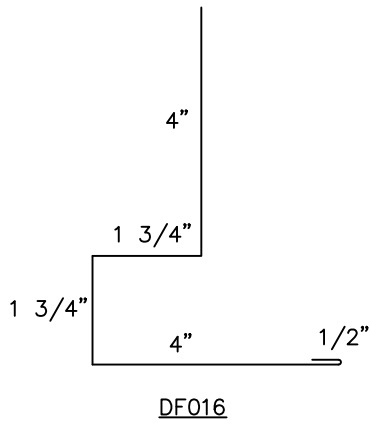


PRESTIGE SERIES
VERTICAL INSTALL.



INSIDE CORNER

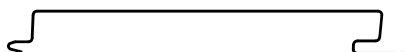
PSV-08



(X) - NOT BY AEP SPAN
(V) - DIMENSIONS VARY BASED ON PROJECT CONDITIONS

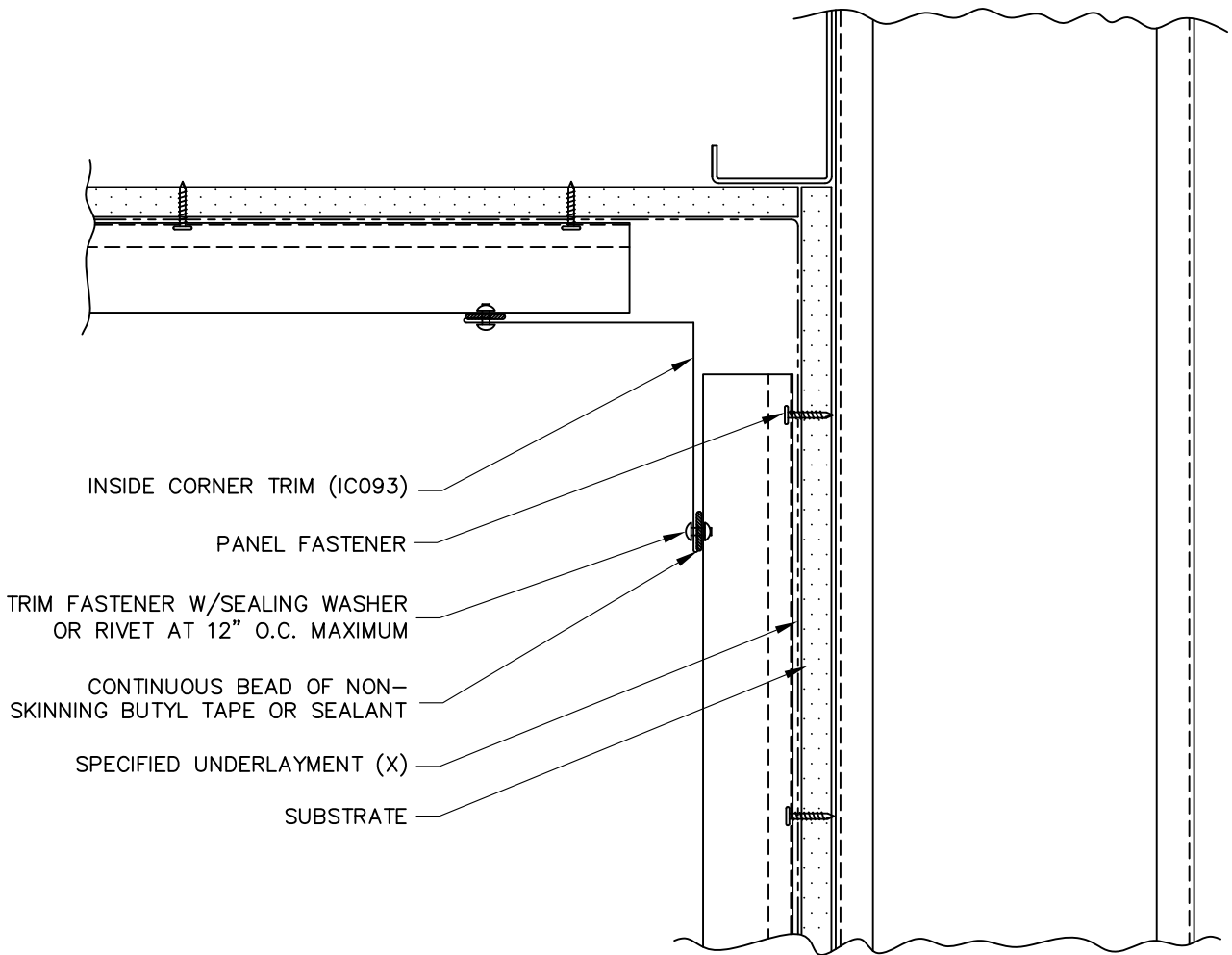
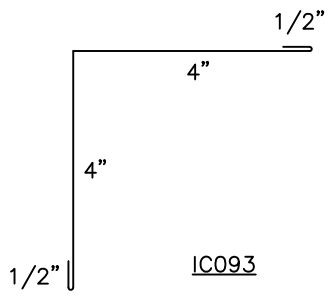


PRESTIGE SERIES
VERTICAL INSTALL.



SOFFIT (FRONT)

PSV-09

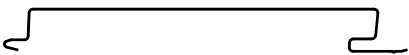


- INSIDE CORNER TRIM (IC093)
- PANEL FASTENER
- TRIM FASTENER W/SEALING WASHER OR RIVET AT 12" O.C. MAXIMUM
- CONTINUOUS BEAD OF NON-SKINNING BUTYL TAPE OR SEALANT
- SPECIFIED UNDERLAYMENT (X)
- SUBSTRATE

(X) - NOT BY AEP SPAN

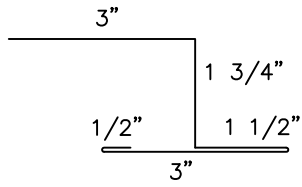


**PRESTIGE SERIES
VERTICAL INSTALL.**

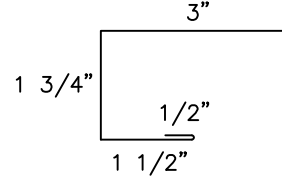


SOFFIT (BACK)

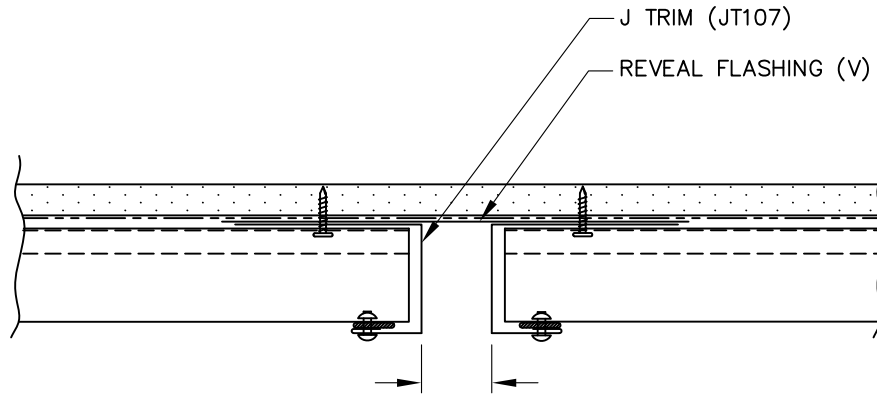
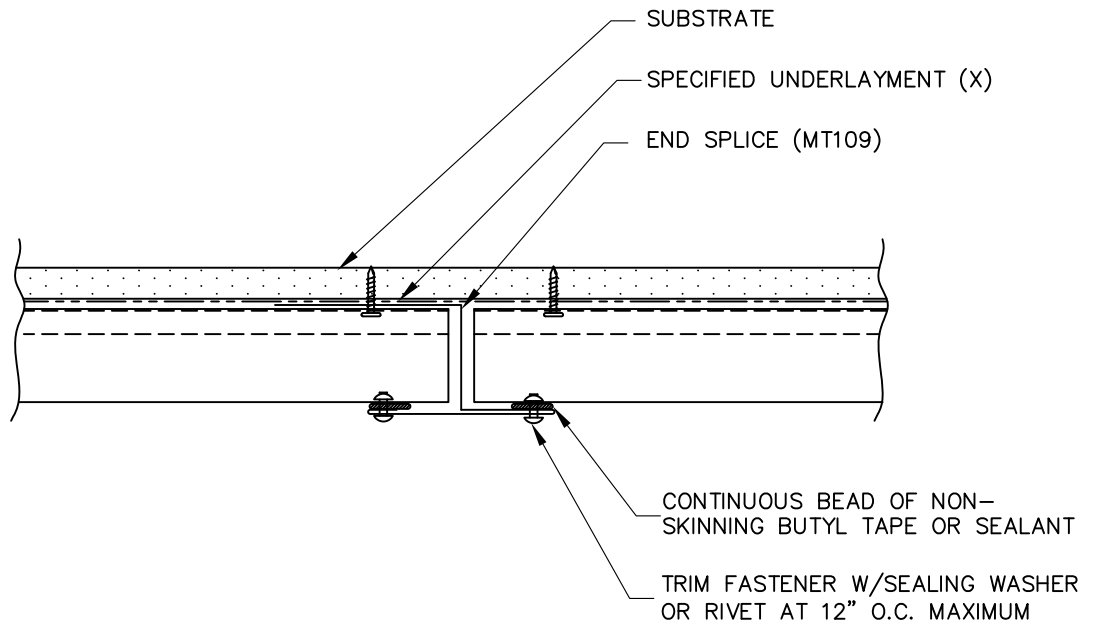
PSV-10



MT109



JT107

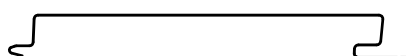


ALTERNATE DETAIL REVEAL SIZE PER PROJECT DESIGN

- (X) - NOT BY AEP SPAN
- (V) - DIMENSIONS VARY BASED ON PROJECT CONDITIONS



PRESTIGE SERIES
VERTICAL INSTALL.



SOFFIT END SPLICE

PSV-11

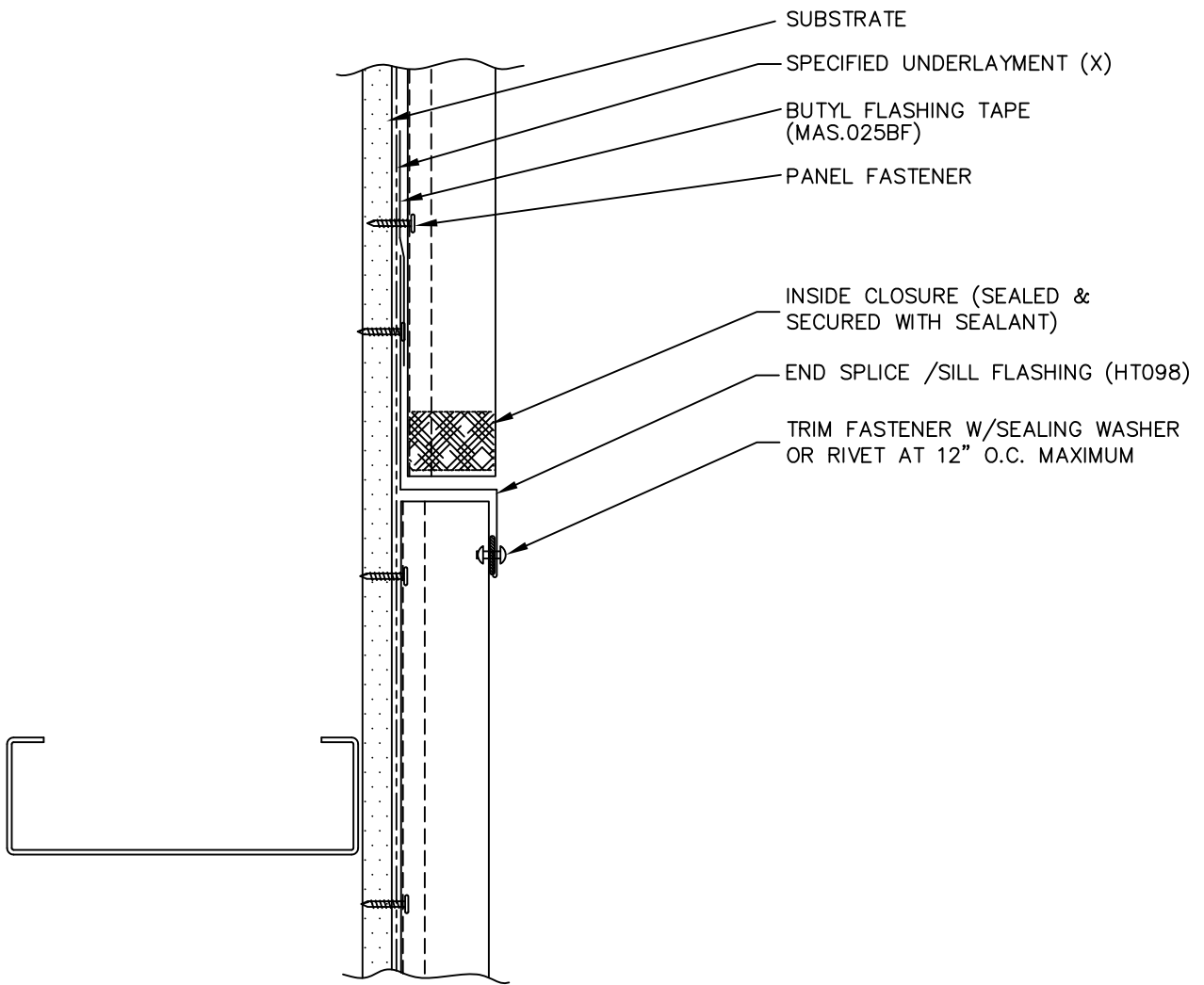
4"

1 3/4"

1 1/2"

1/2"

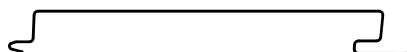
HT098



(X) - NOT BY AEP SPAN

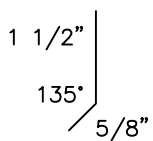


PRESTIGE SERIES
VERTICAL INSTALL.

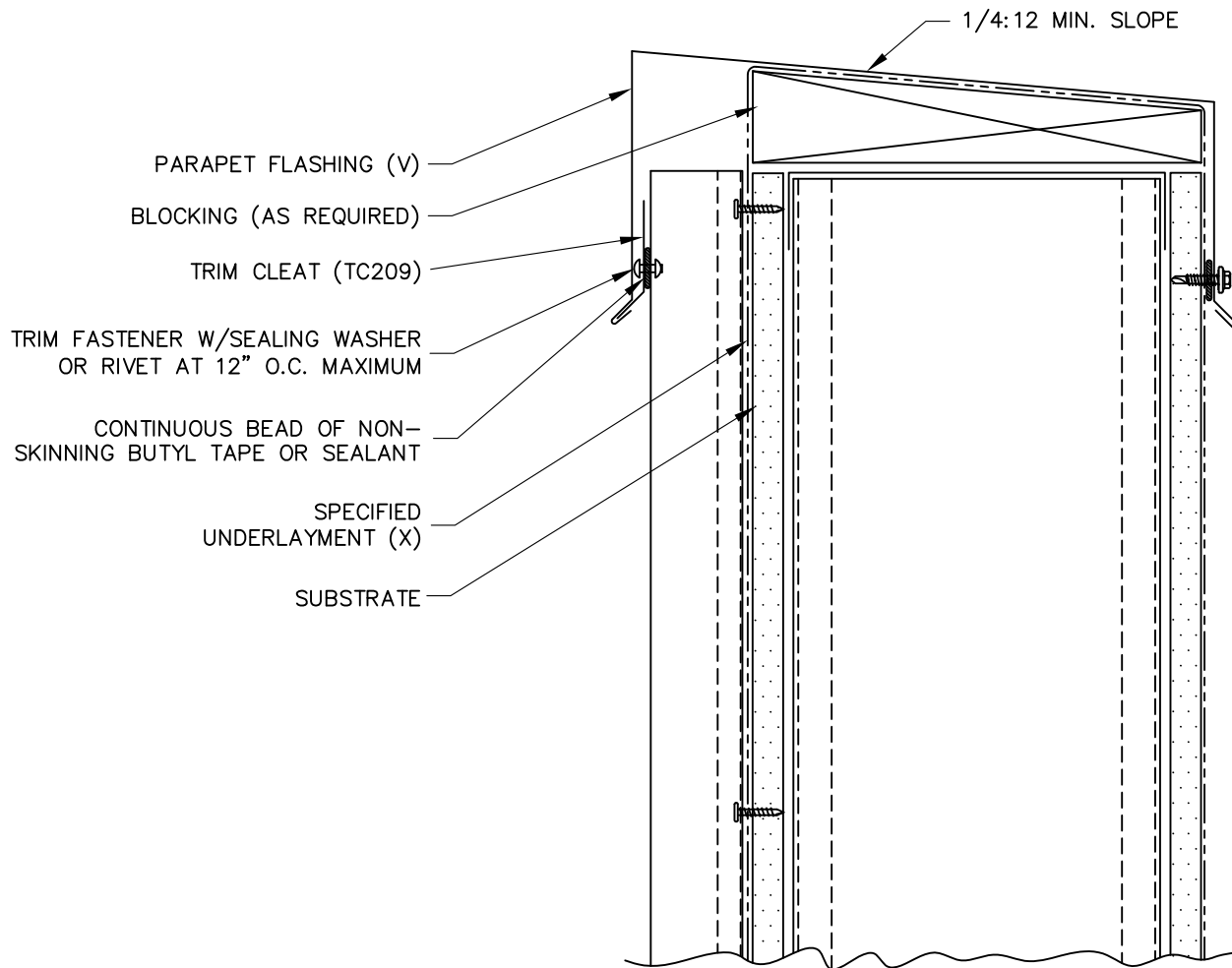


END SPLICE (W/TRIM)

PSV-12



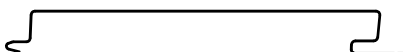
TC209



(X) - NOT BY AEP SPAN
 (V) - DIMENSIONS VARY BASED ON PROJECT CONDITIONS

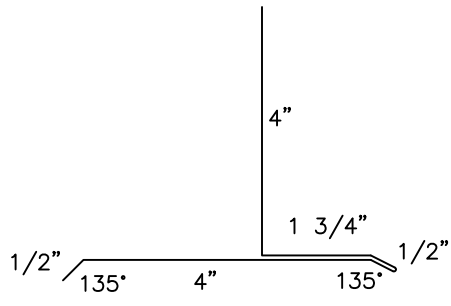


PRESTIGE SERIES
VERTICAL INSTALL.

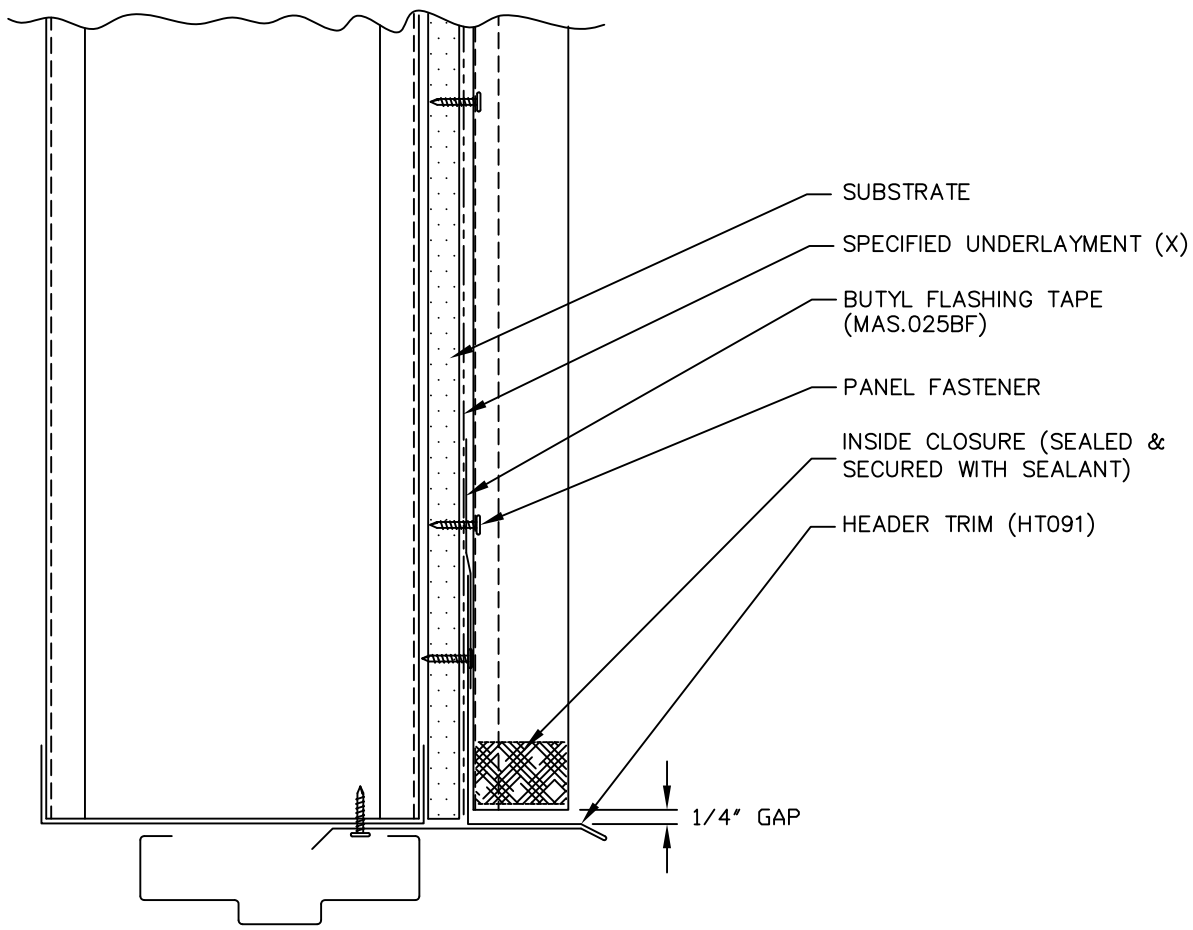


PARAPET

PSV-13



HT091



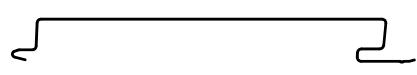
- SUBSTRATE
- SPECIFIED UNDERLAYMENT (X)
- BUTYL FLASHING TAPE (MAS.025BF)
- PANEL FASTENER
- INSIDE CLOSURE (SEALED & SECURED WITH SEALANT)
- HEADER TRIM (HT091)

1/4" GAP

(X) – NOT BY AEP SPAN

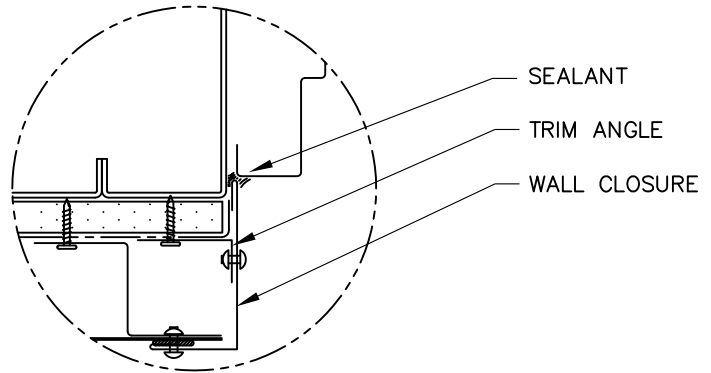
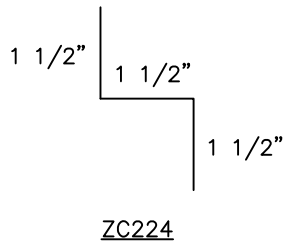
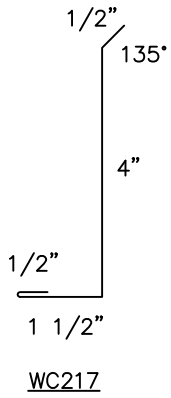


PRESTIGE SERIES
VERTICAL INSTALL.

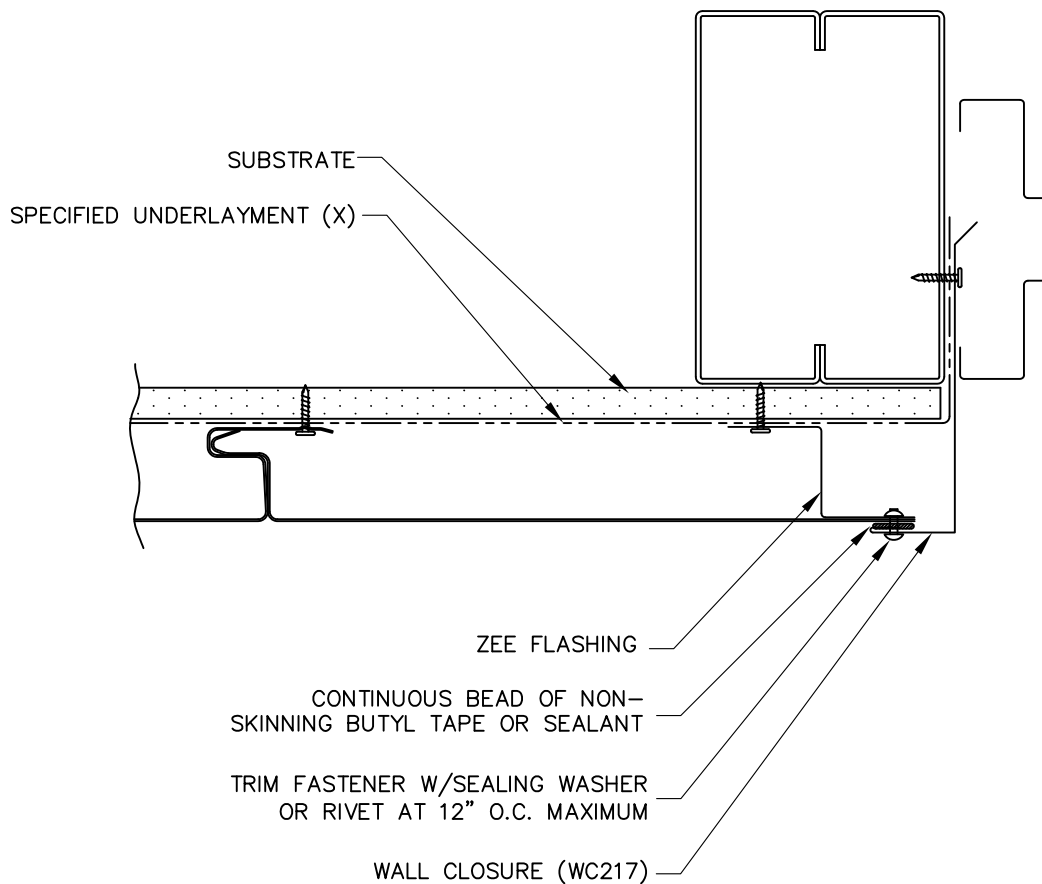


DOOR / WINDOW
(HEAD)

PSV-14



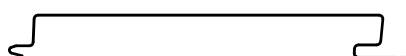
ALTERNATE DETAIL



(X) - NOT BY AEP SPAN

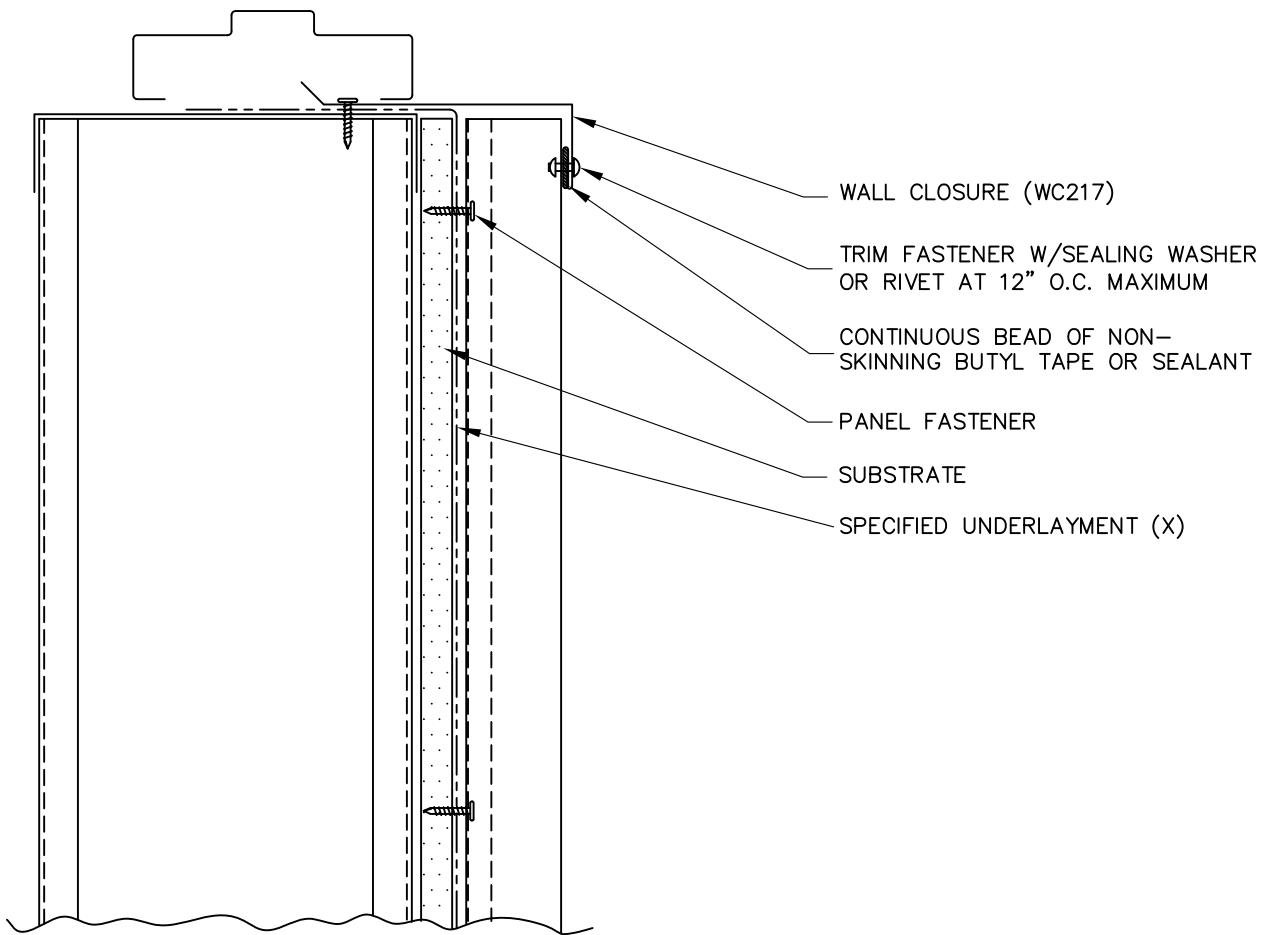
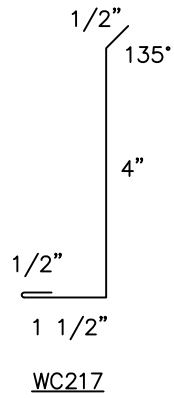


PRESTIGE SERIES
VERTICAL INSTALL.



DOOR / WINDOW
(JAMB)

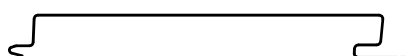
PSV-15



(X) - NOT BY AEP SPAN

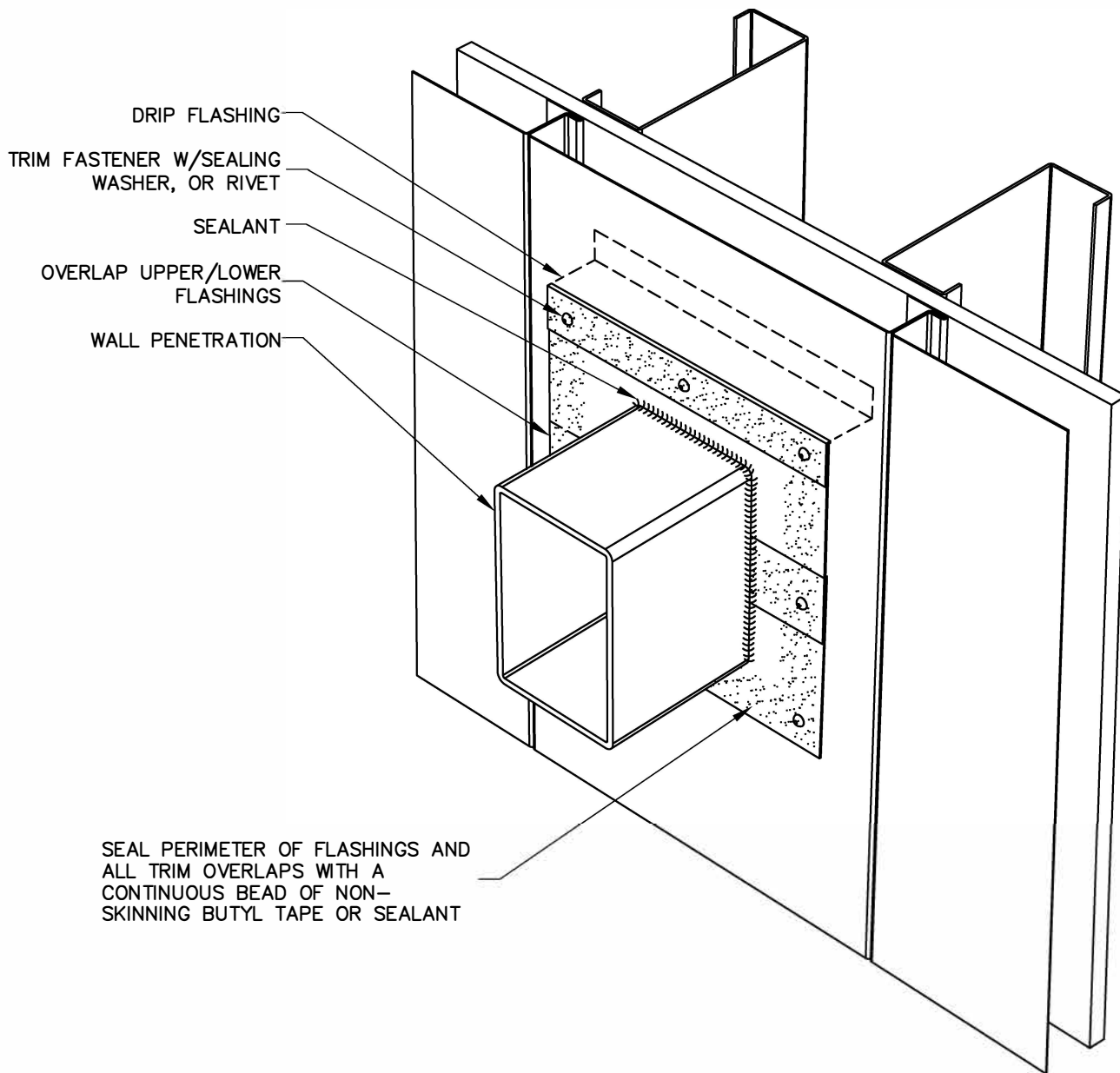


PRESTIGE SERIES
VERTICAL INSTALL.



DOOR / WINDOW
(SILL)

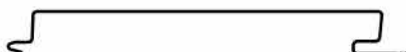
PSV-16



SEAL PERIMETER OF FLASHINGS AND ALL TRIM OVERLAPS WITH A CONTINUOUS BEAD OF NON-SKINNING BUTYL TAPE OR SEALANT

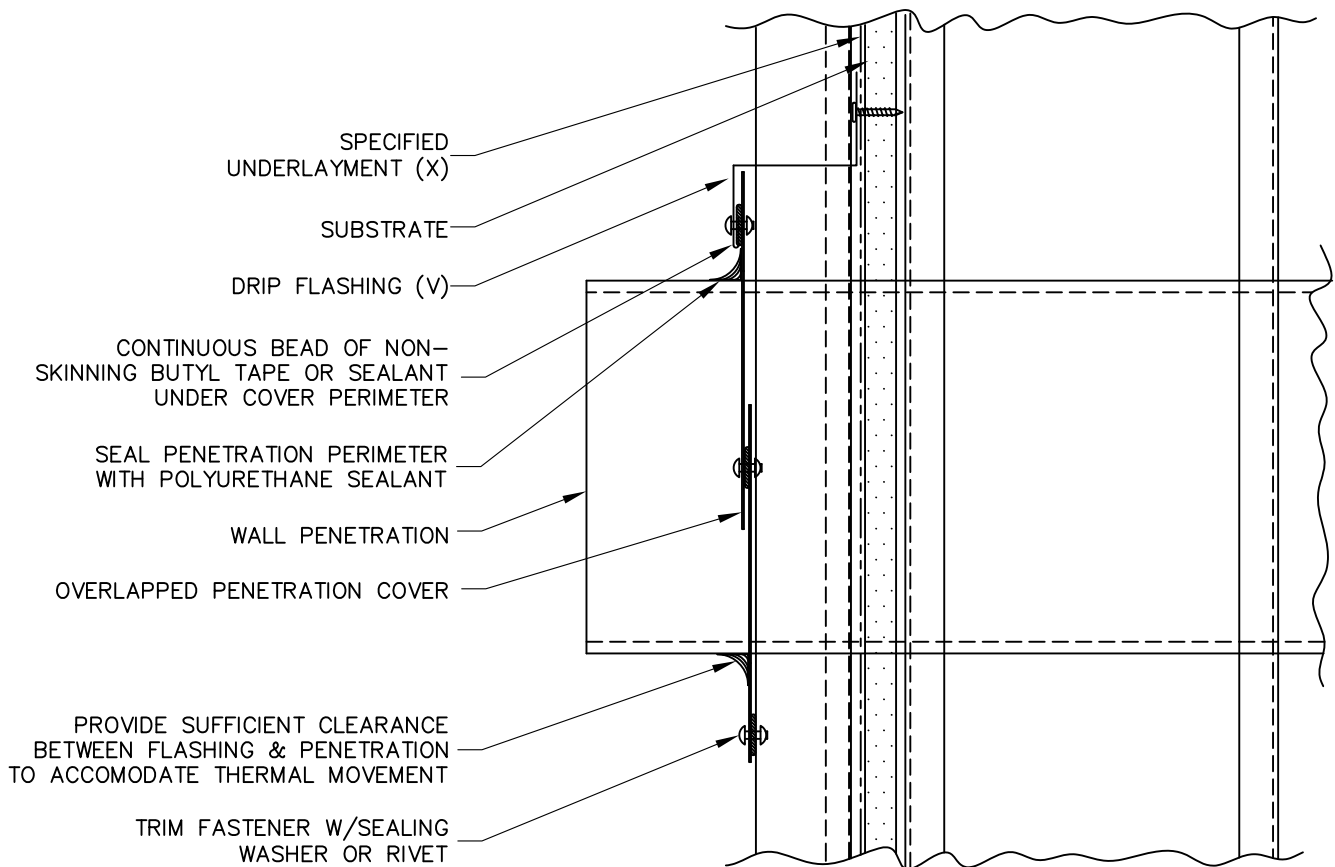


PRESTIGE SERIES
VERTICAL INSTALL.



WALL PENETRATION (3D)

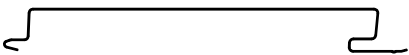
PSV-17



(X) - NOT BY AEP SPAN
 (V) - DIMENSIONS VARY BASED ON PROJECT CONDITIONS

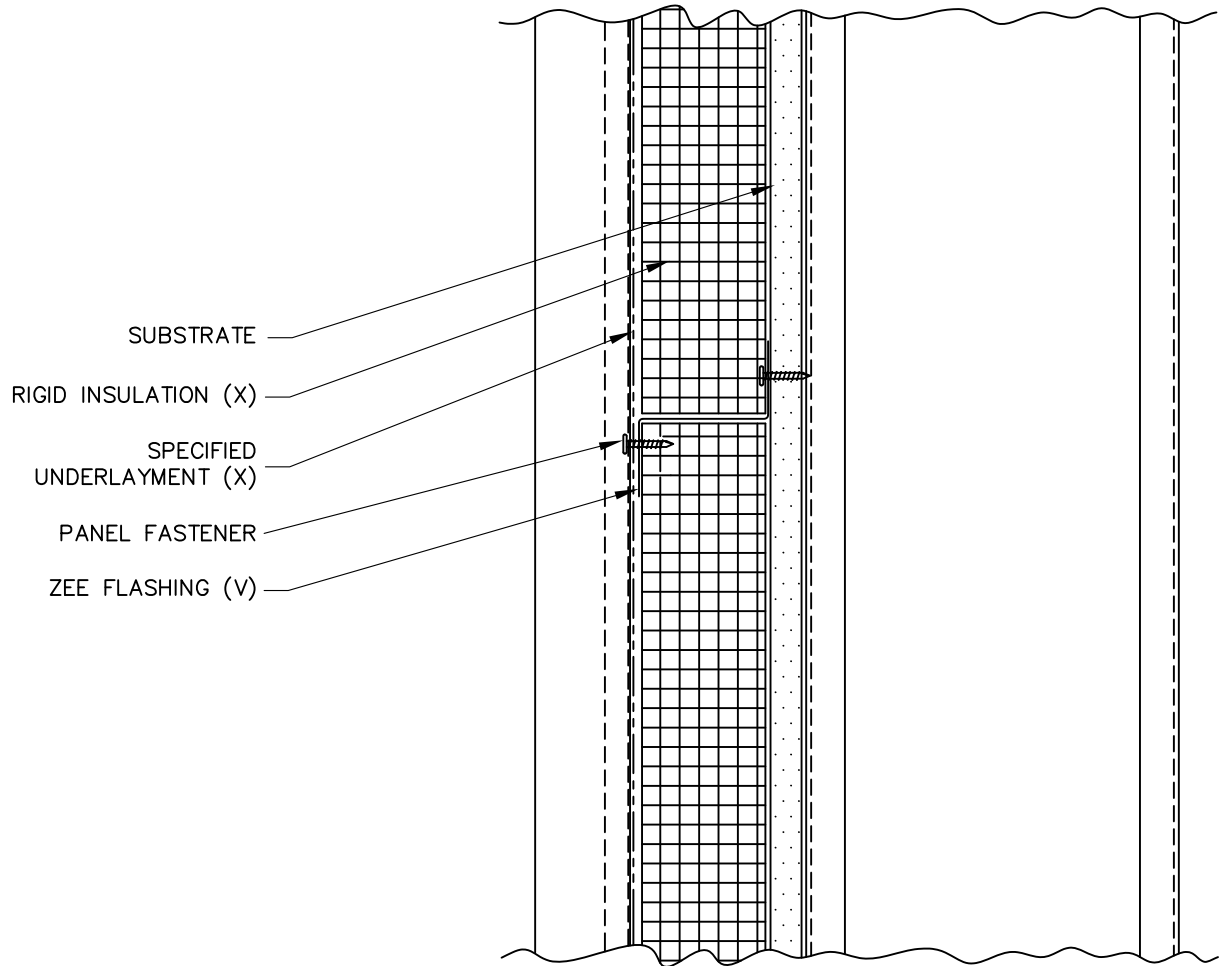


PRESTIGE SERIES
VERTICAL INSTALL.



WALL PENETRATION

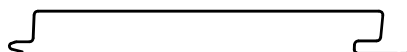
PSV-18



(X) - NOT BY AEP SPAN
 (V) - DIMENSIONS AND GAGE VARY BASED ON PROJECT CONDITIONS



PRESTIGE SERIES
VERTICAL INSTALL.



RIGID INSULATION

PSV-19

MANUFACTURING FACILITY:

Tacoma, Washington

2141 Milwaukee Way
Tacoma, WA 98421

CORPORATE HEADQUARTERS:

ASC Profiles LLC

2110 Enterprise Boulevard
West Sacramento, CA 95691

CUSTOMER SERVICE:

800-733-4955

Visit us at:

www.aepspan.com

