

925 RS

HIGH THERMAL PERFORMANCE RAIN-SCREEN

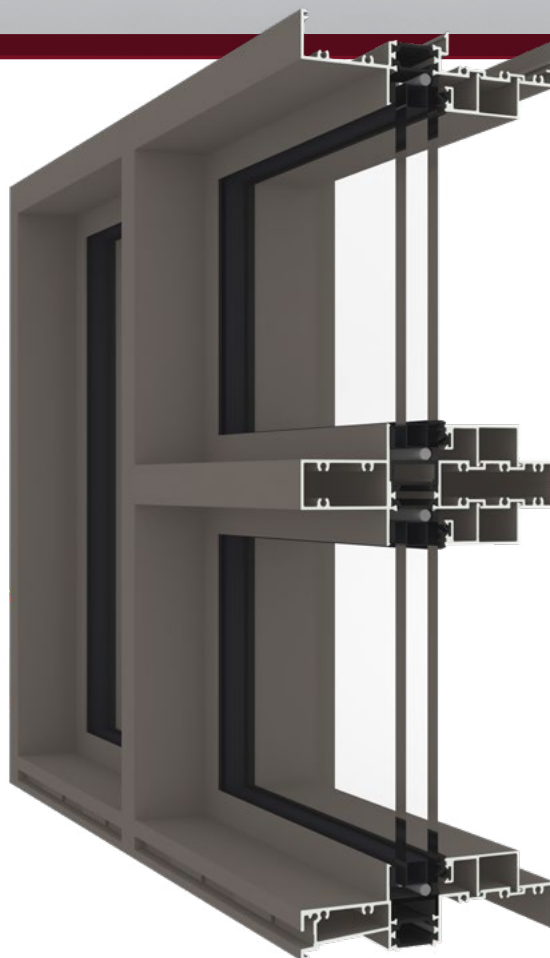


DESCRIPTION

- High thermal performance rain-screen window ideal for institutional and high end residential projects

FEATURES

- 1" thick profile with 3/4" glazing fins
- Available frame depths: 6" and 7"
- Compatible with 1" double glaze and 1-3/4" triple glaze units
- Other glazing thicknesses available upon request
- Pressure equalized rain-screen design
- Glass reinforced thermal break allows for exceptionally high thermal performance without affecting the structural integrity of the system



COMPATIBILITY

Compatible with:

- Windspec 535 Operable Windows (Awning, Hopper, Casement)
- Windspec 575 Frameless Awnings
- Windspec 925 Side Slider
- Windspec 925 Double Hung
- Windspec 1-7/8" louvers
- Custom gaskets and components used to optimize performance of the system
- Thermal simulations conducted as per NFRC

PERFORMANCE

- U values as low as 0.30 (1" glazing)
- U value as low as 0.25 (1-3/4" glazing)
- NAFS: AW - PG70
A440 - A3,C5,B7
1-64 (1" glazing)

ADAPT | INNOVATE | DELIVER

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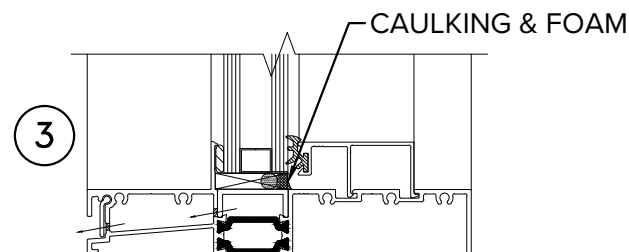
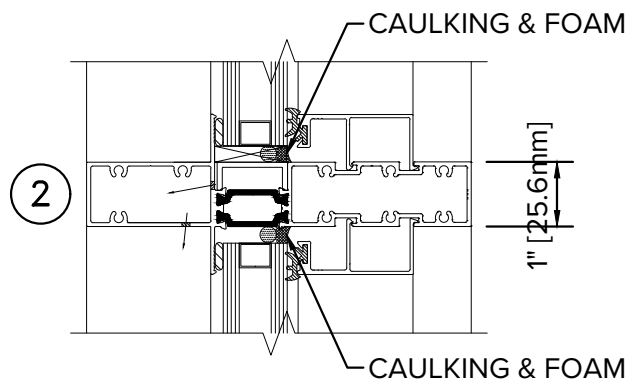
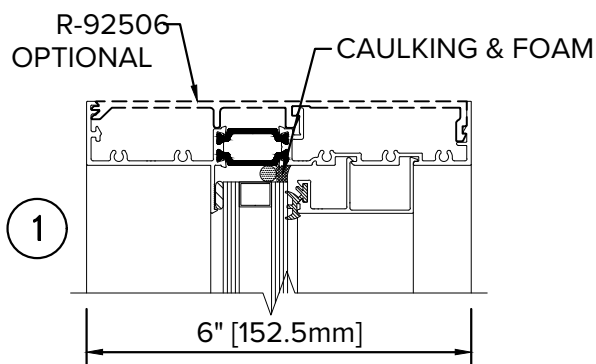
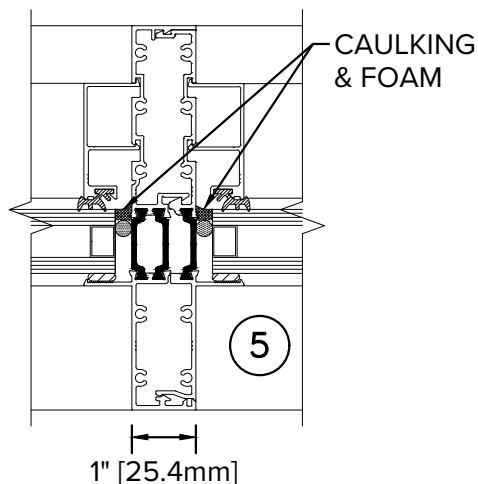
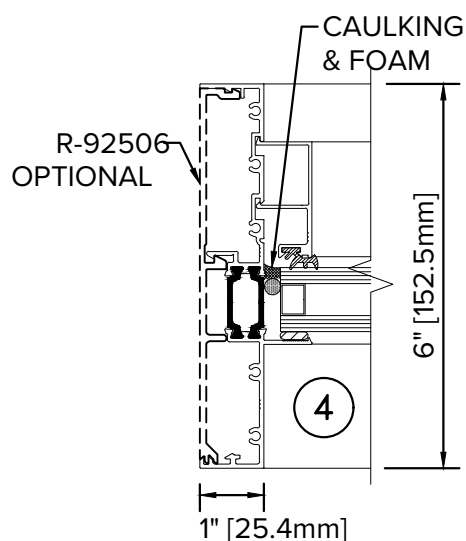
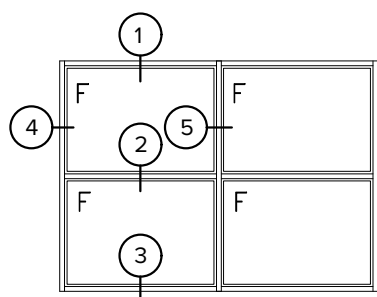
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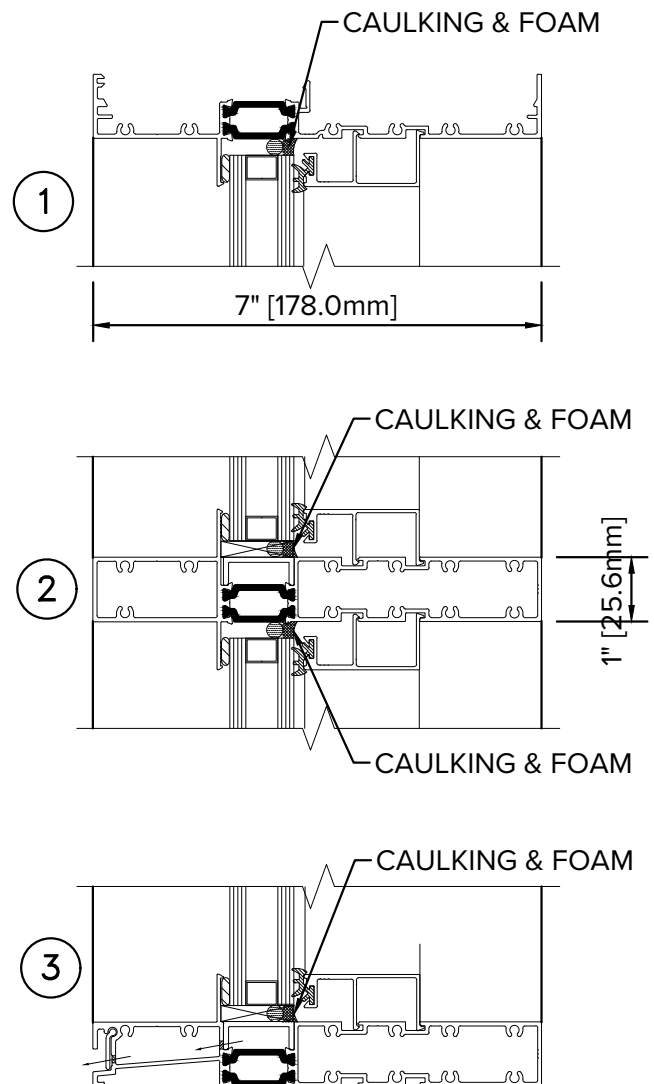
TYPICAL DETAILS 6" MULLION



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TYPICAL DETAILS 7" MULLION



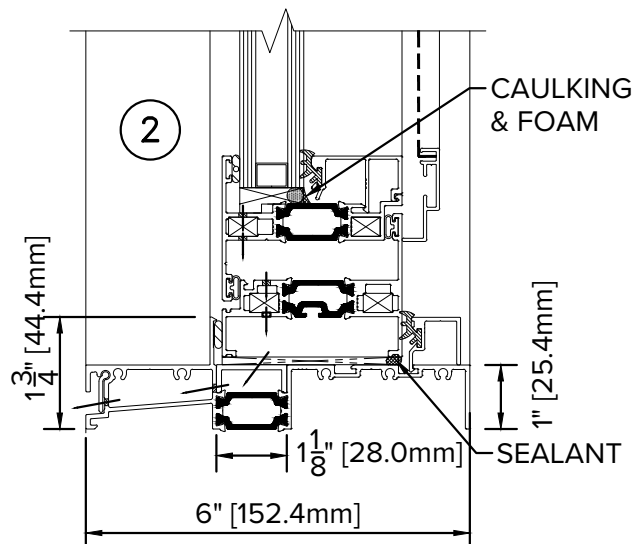
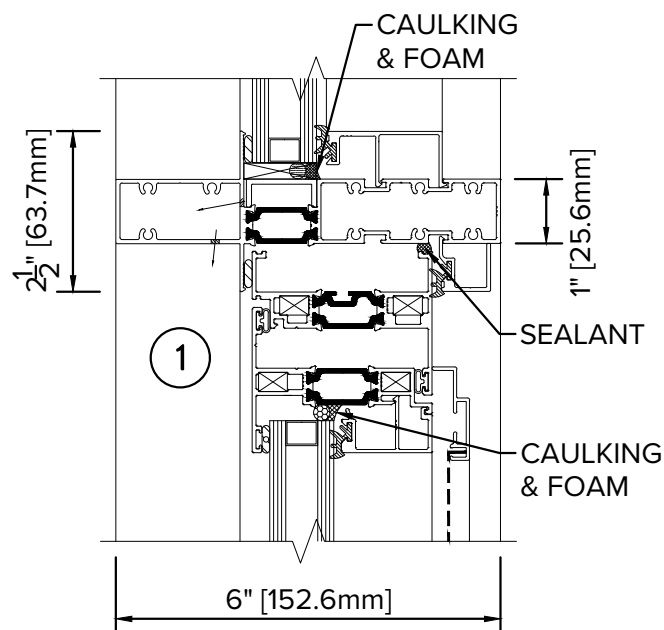
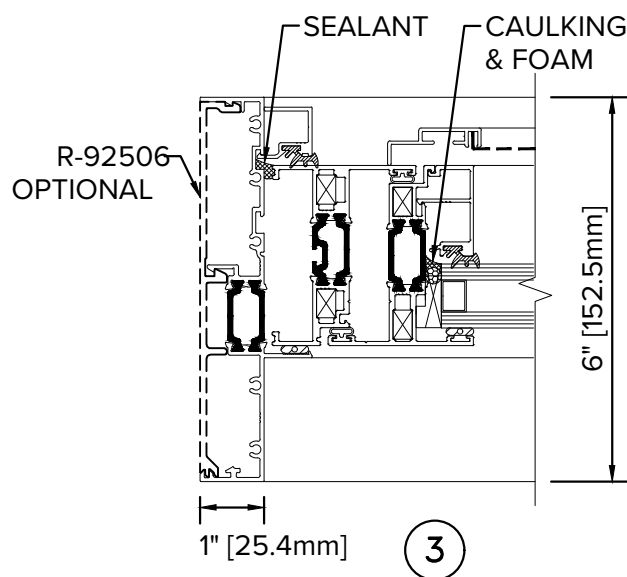
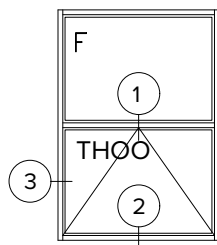
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535 VENT PROJECT OUT DETAILS



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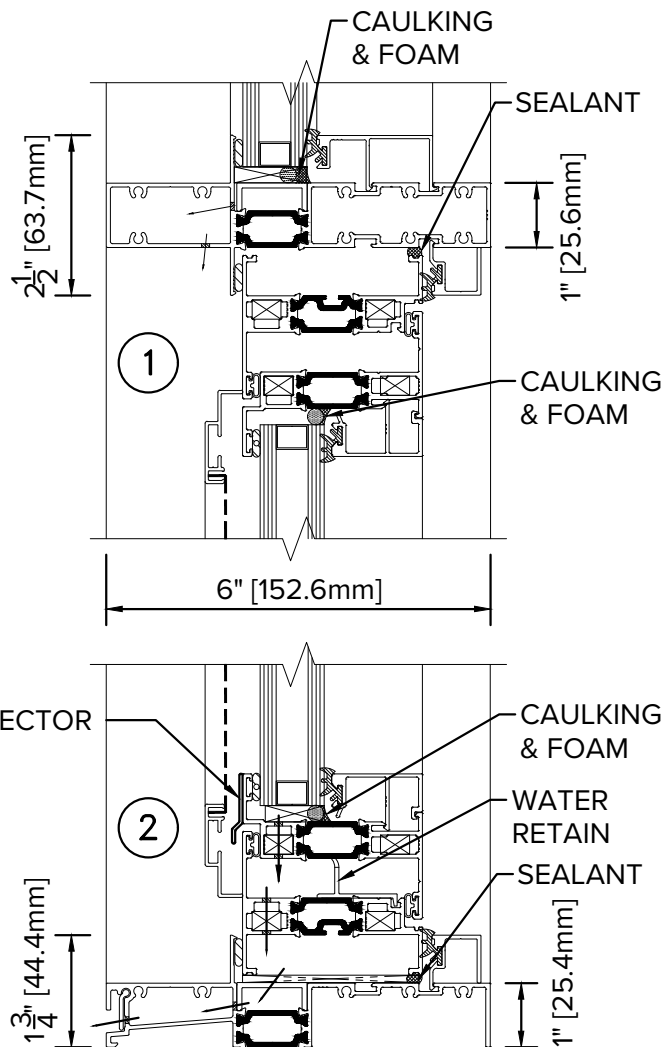
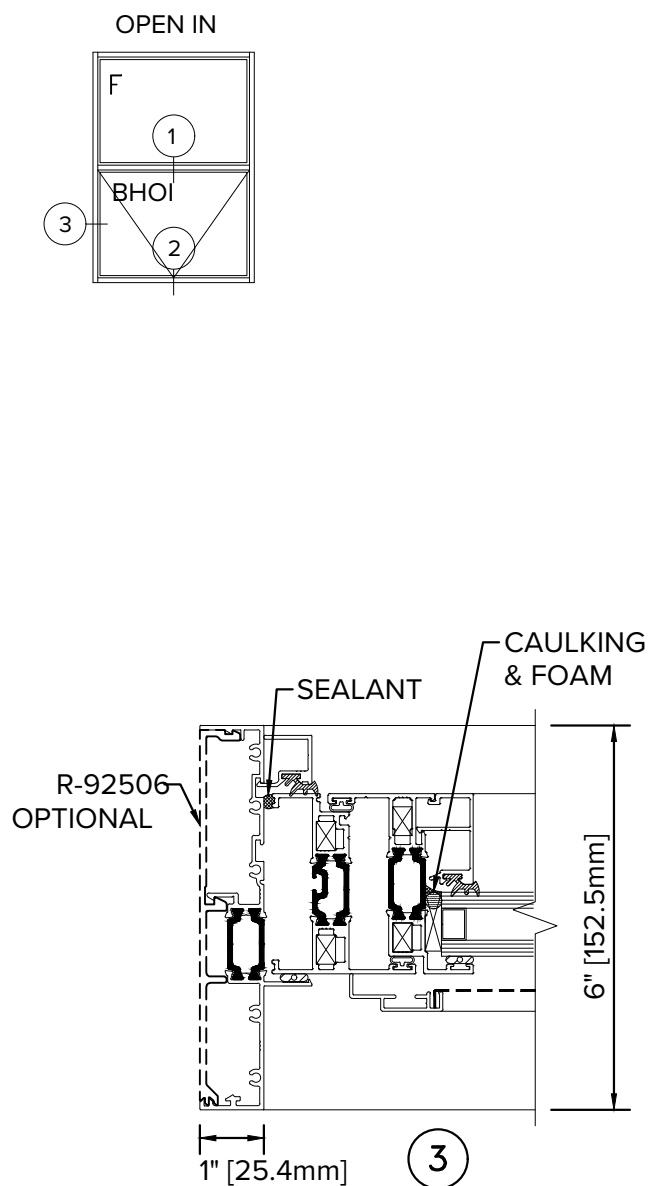


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535 VENT PROJECT IN DETAILS



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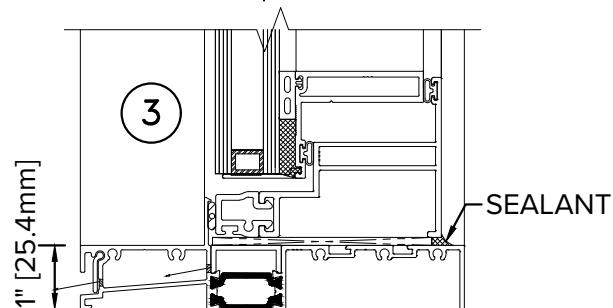
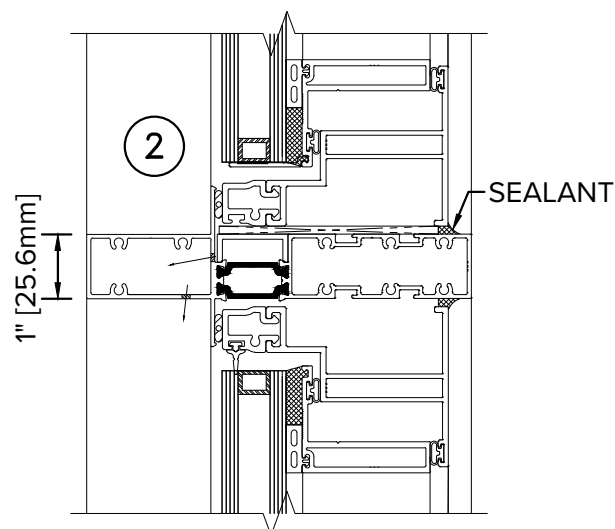
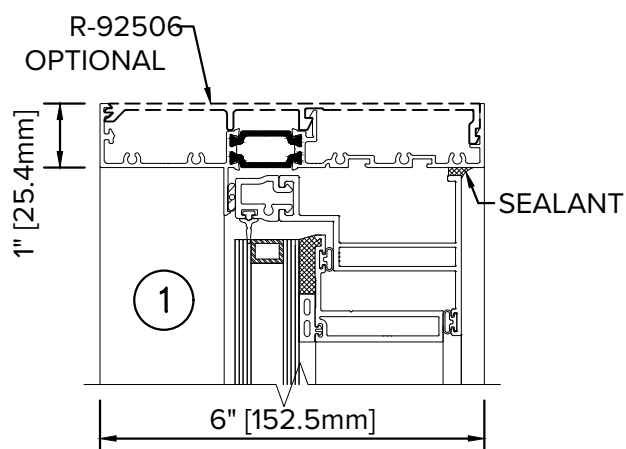
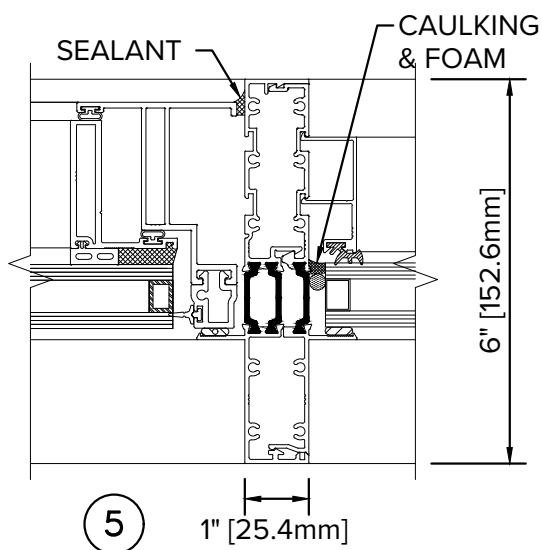
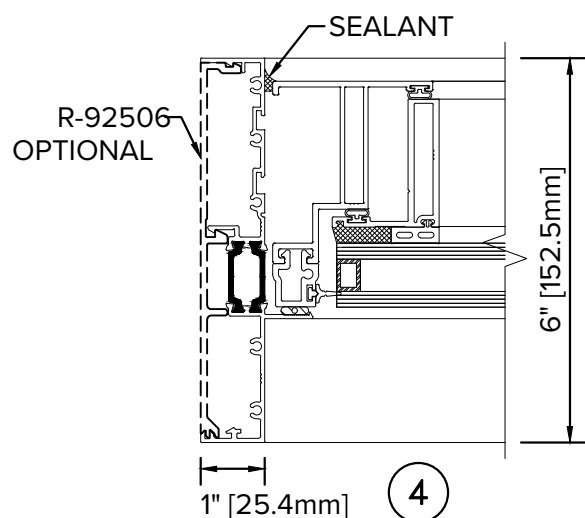
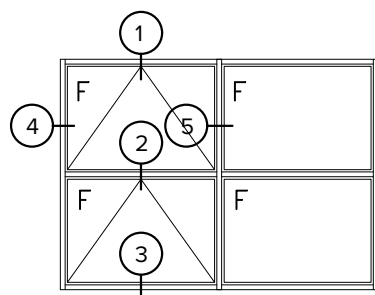


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575 VENT PROJECT OUT DETAILS



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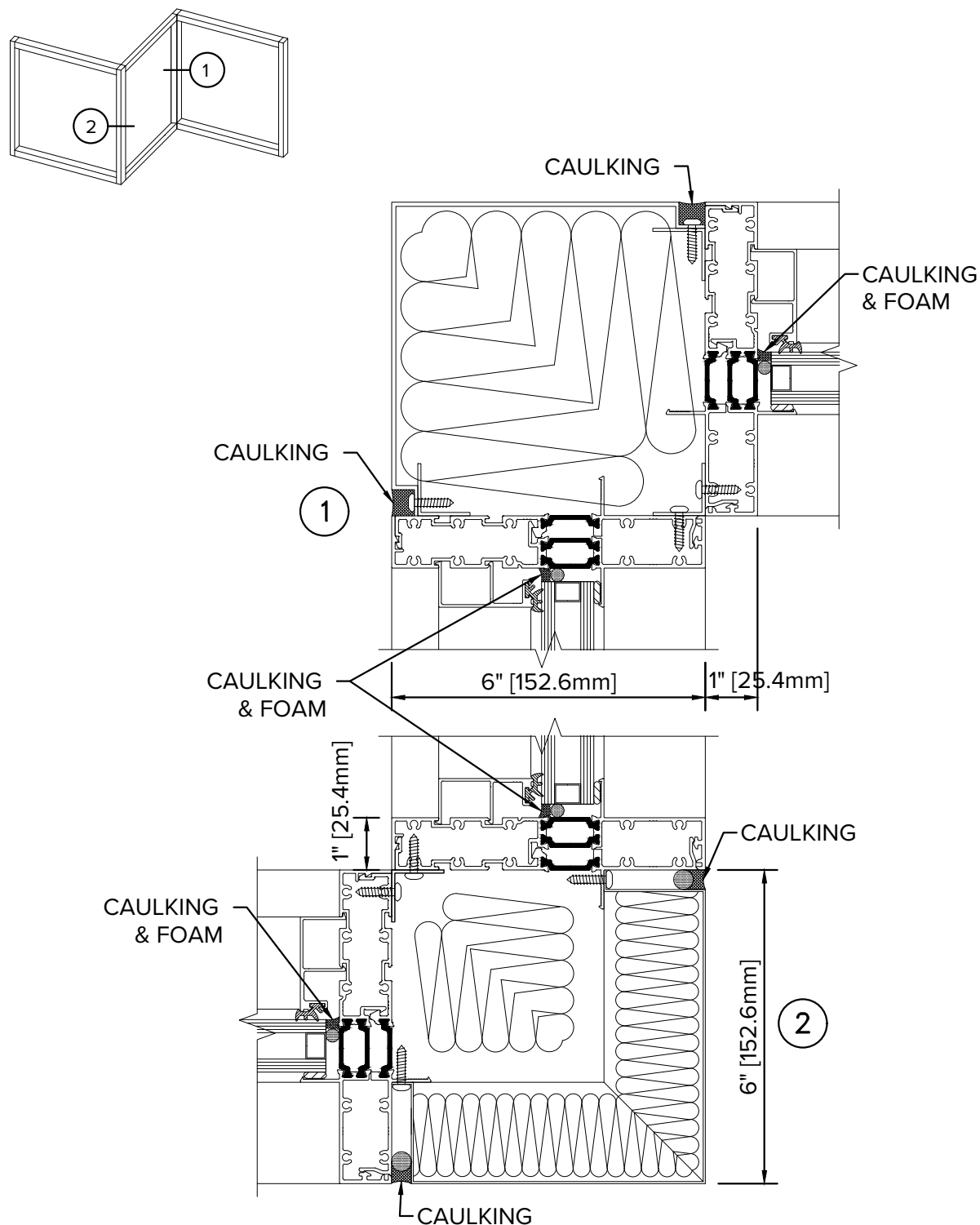


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DOUBLE GLAZED CORNER DETAILS



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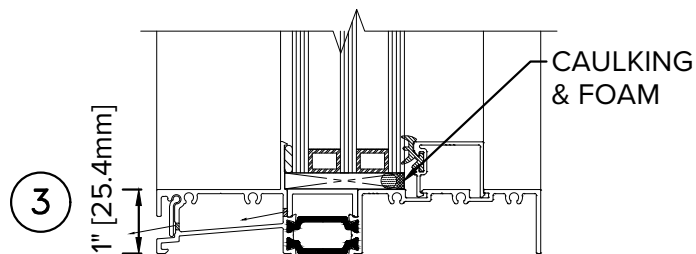
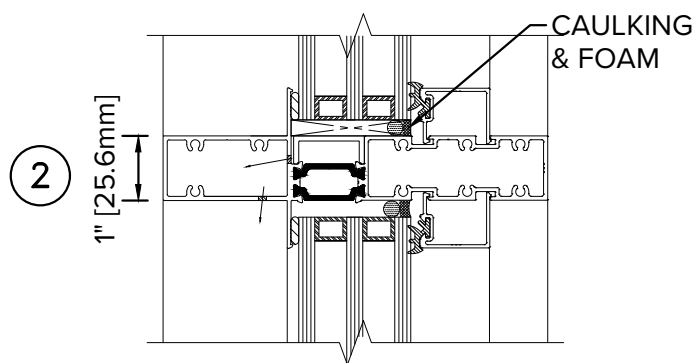
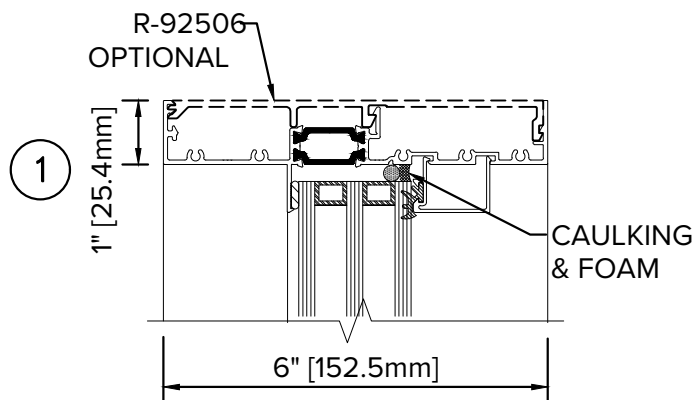
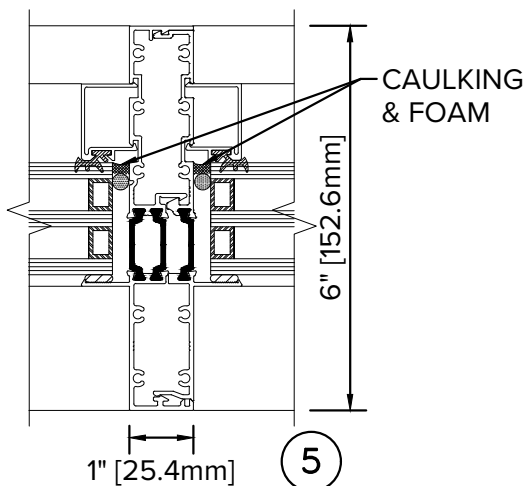
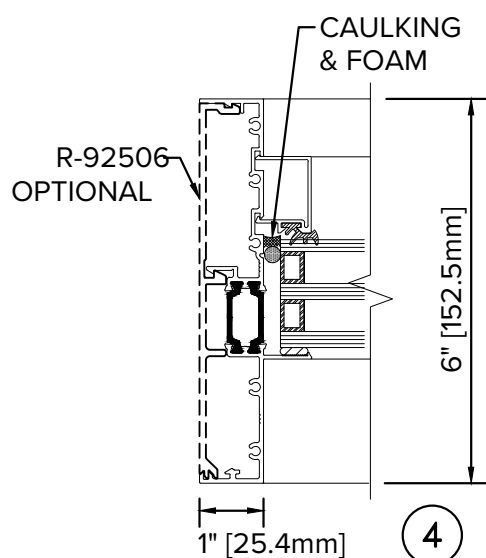
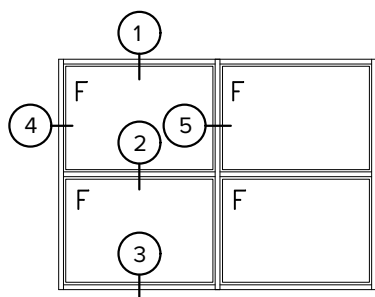


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TYPICAL TRIPLE GLAZED DETAILS



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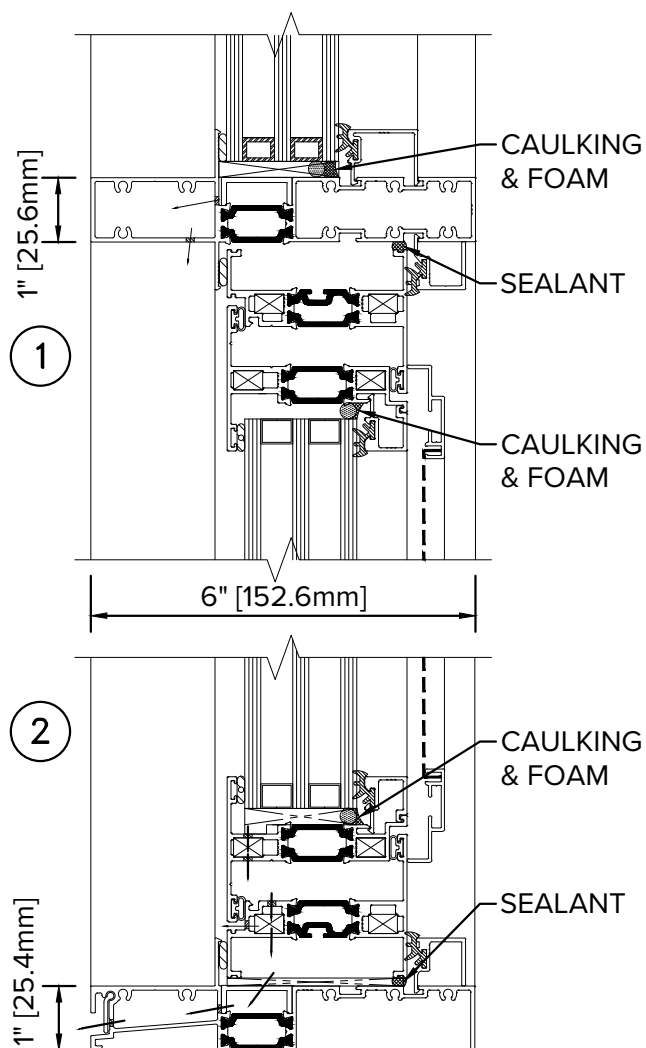
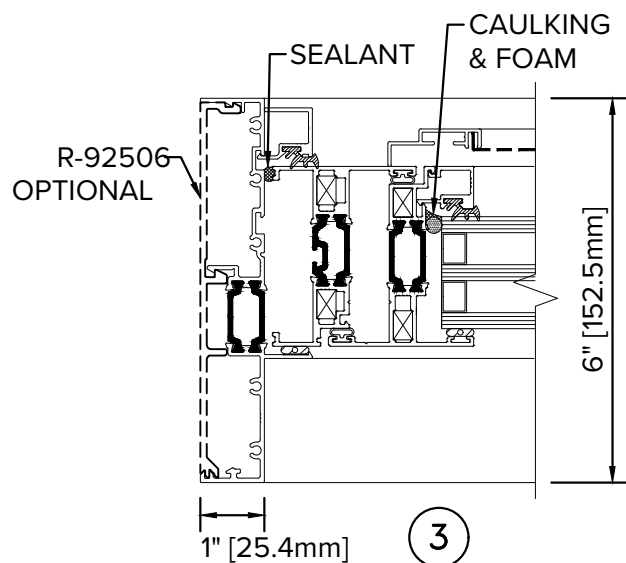
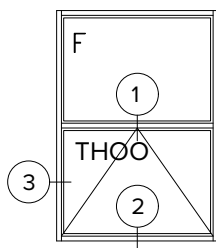
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535 VENT PROJECT OUT TRIPLE GLAZED DETAILS



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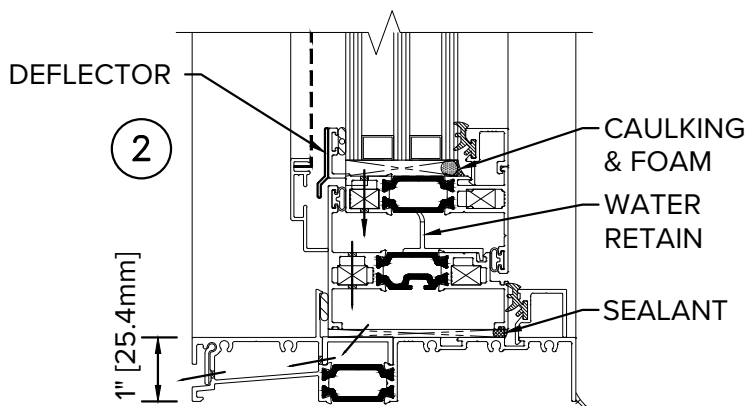
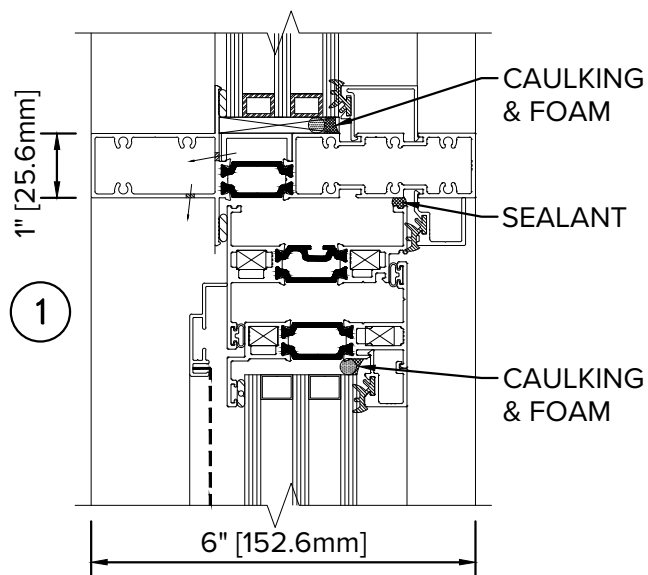
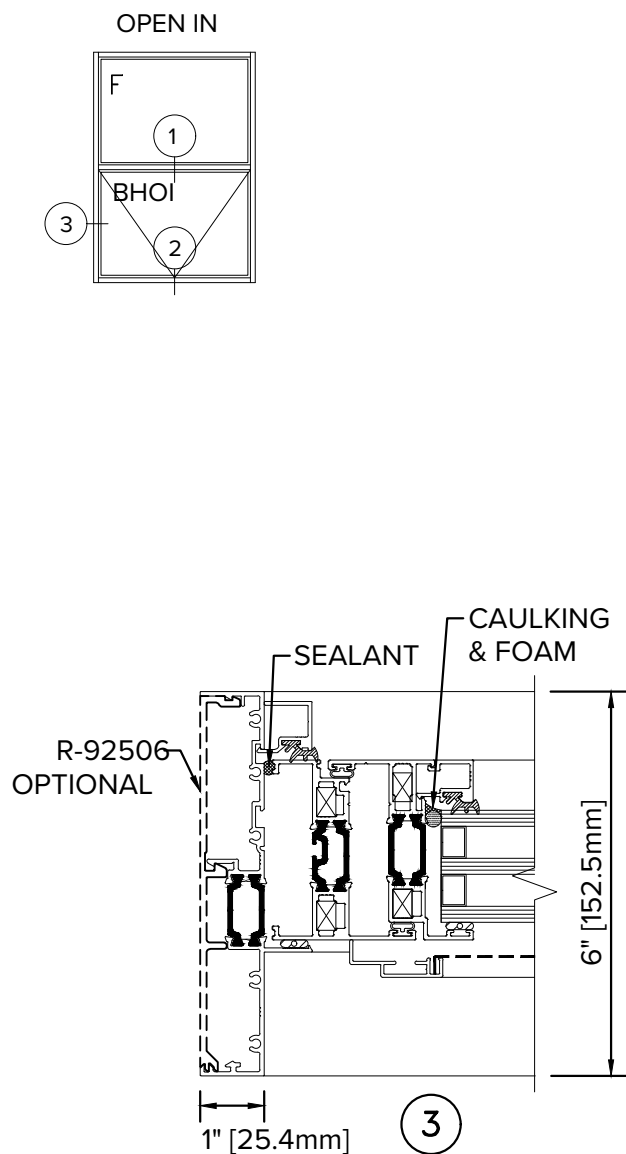


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575 PROJECT IN TRIPLE GLAZED DETAILS



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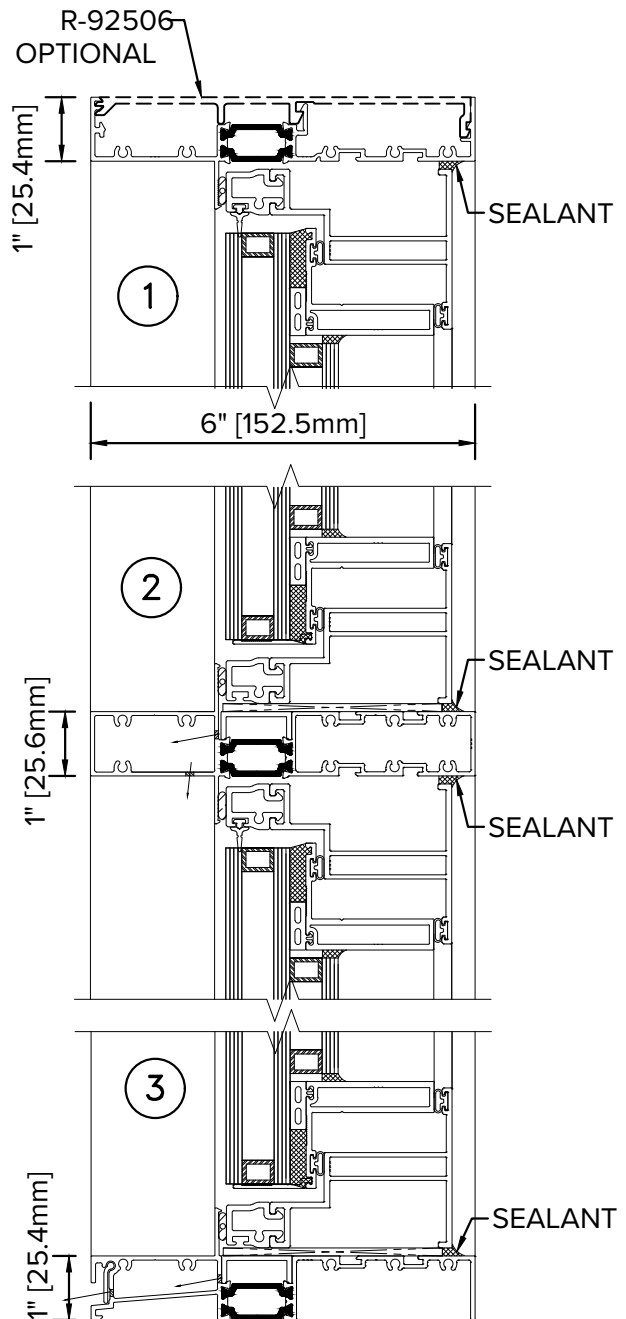
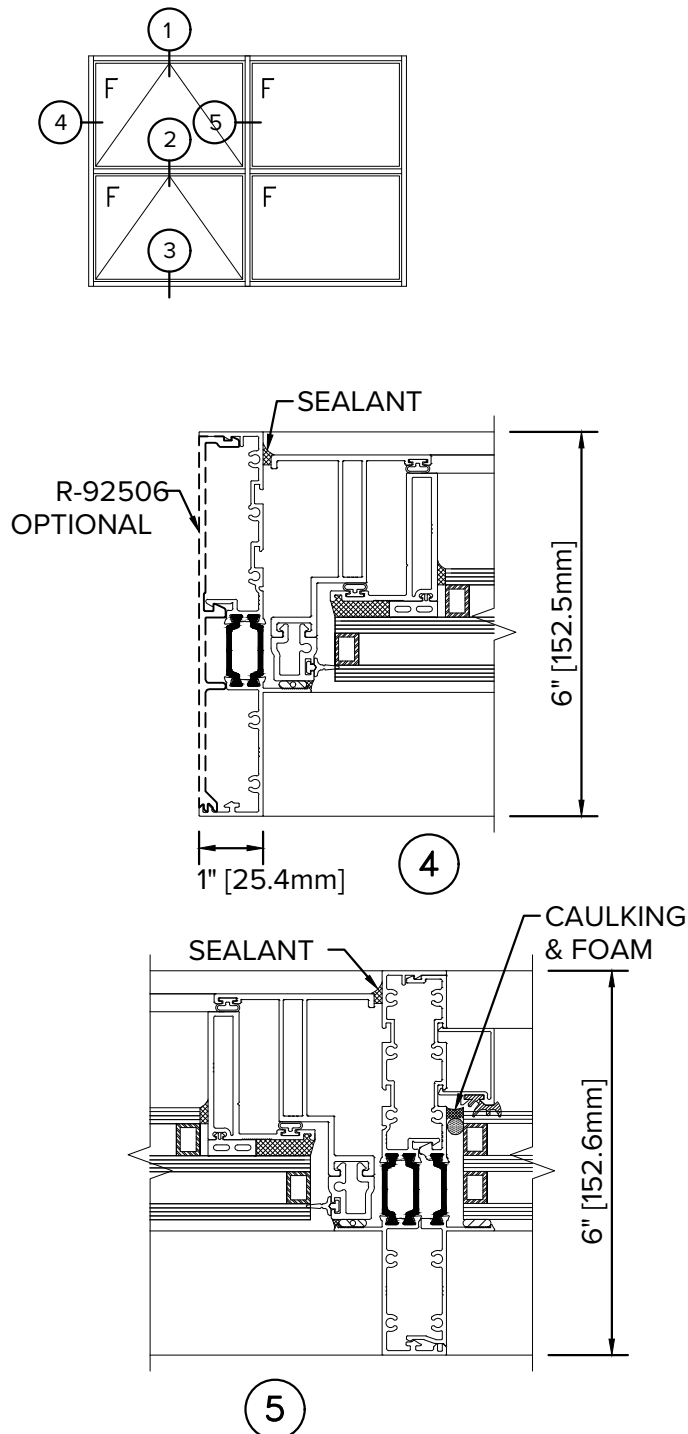


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575 PROJECT OUT TRIPLE GLAZED DETAILS



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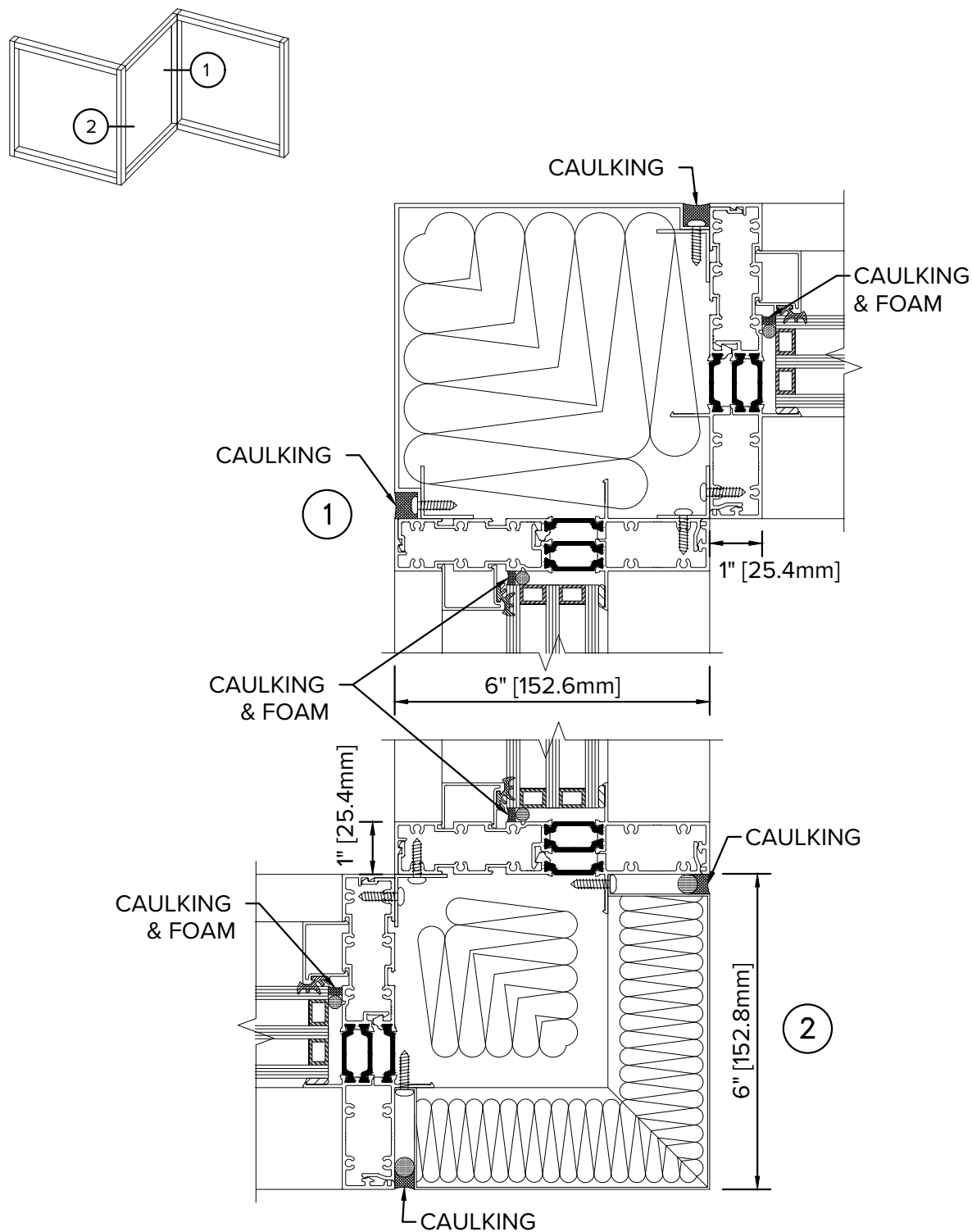


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TRIPLE GLAZED CORNER DETAILS



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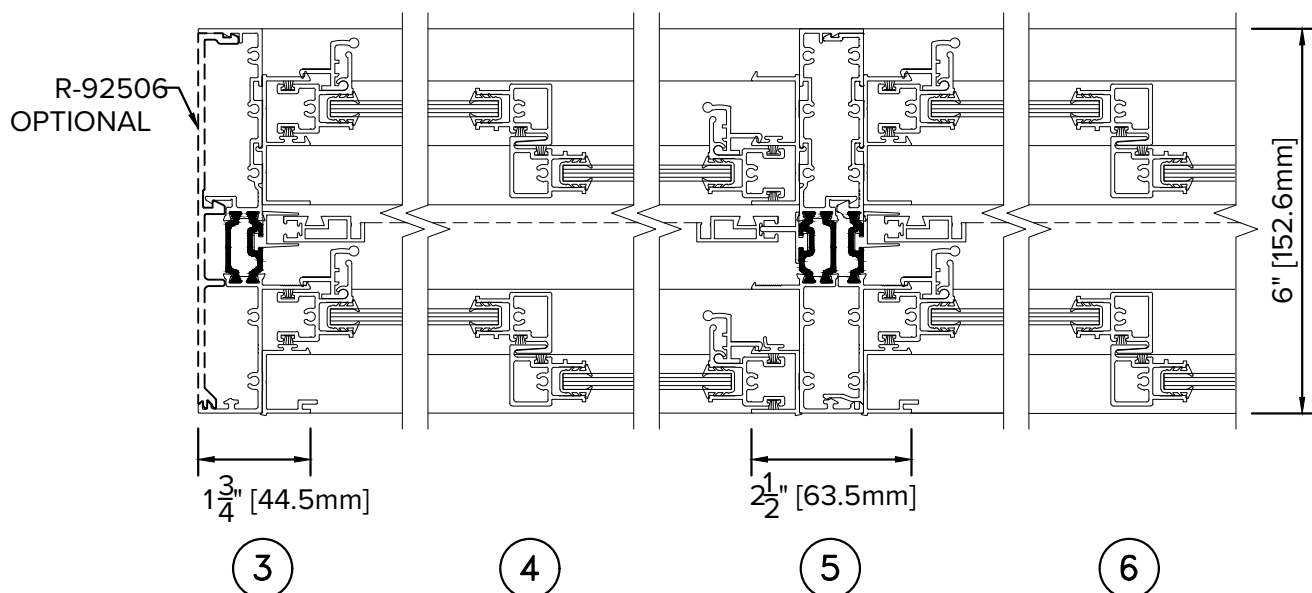
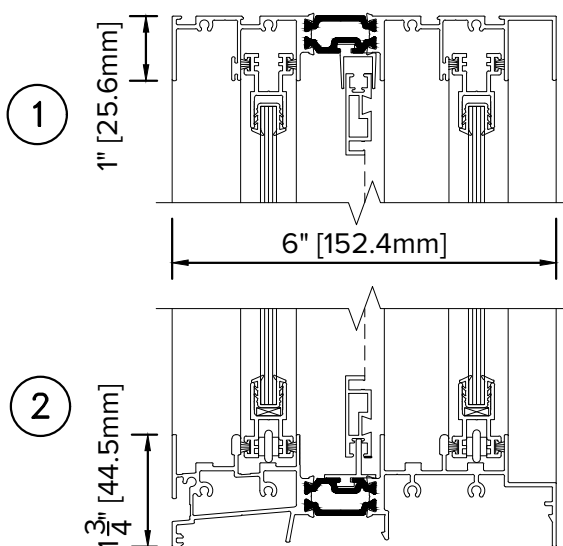
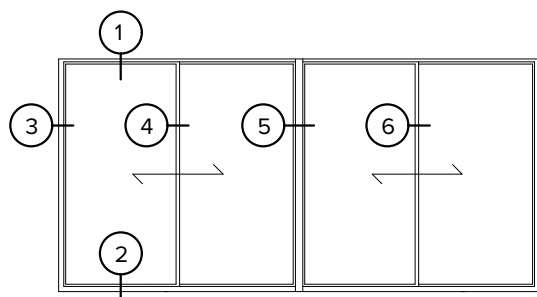


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SIDE SLIDER TYPICAL DETAILS



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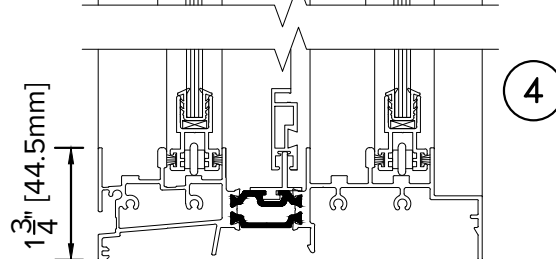
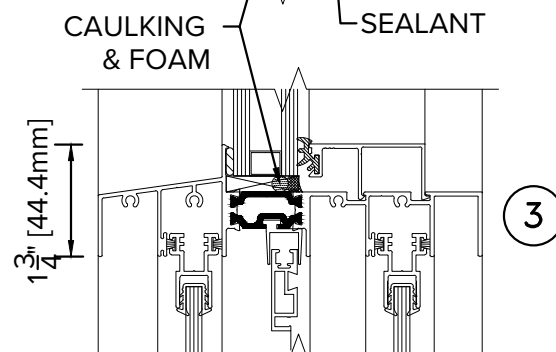
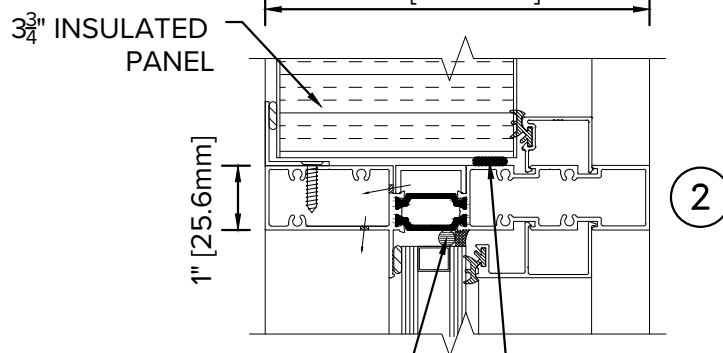
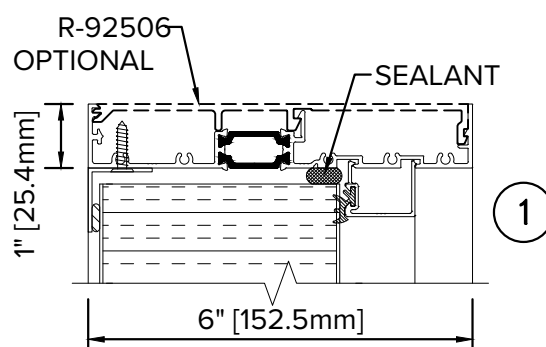
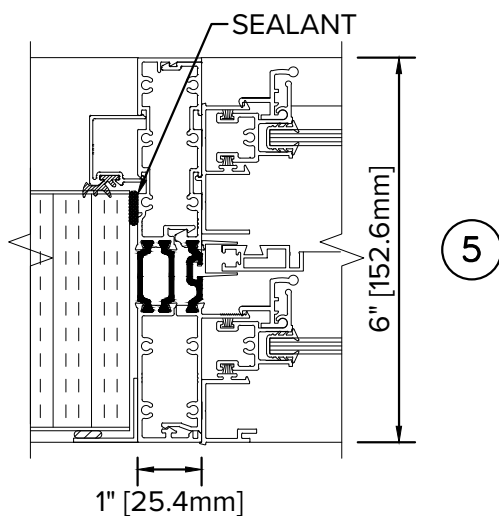
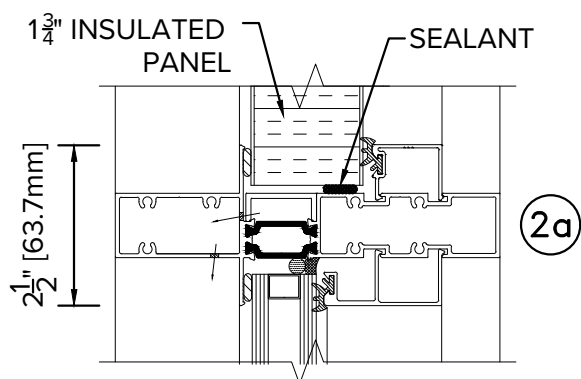
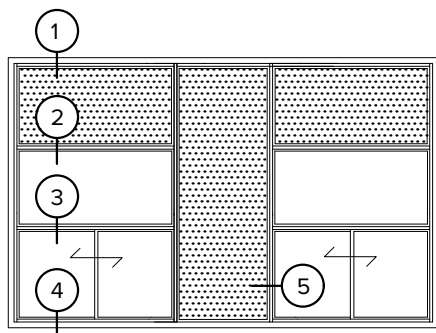


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SIDE SLIDER TYPICAL DETAILS



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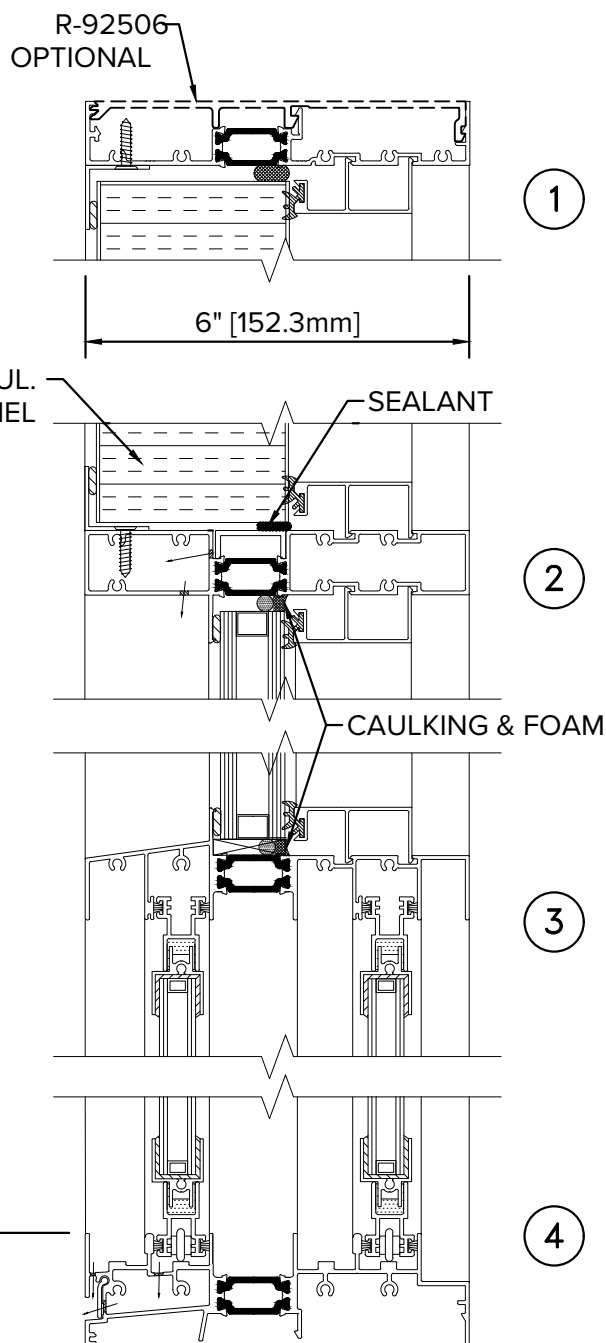
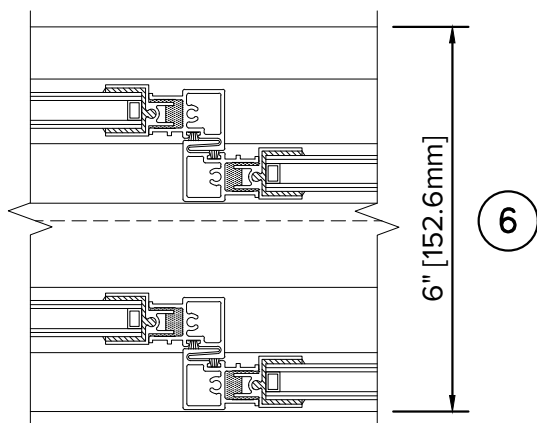
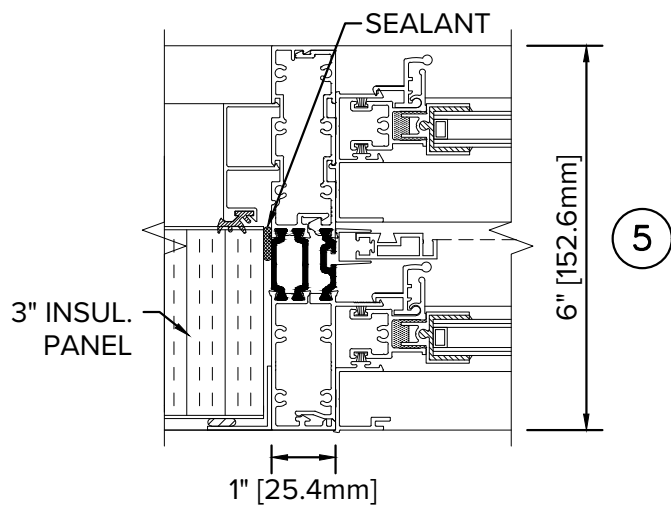
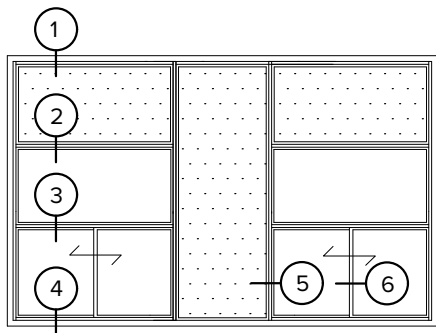


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SIDE SLIDER TYPICAL DETAILS SEALED UNIT OPTION



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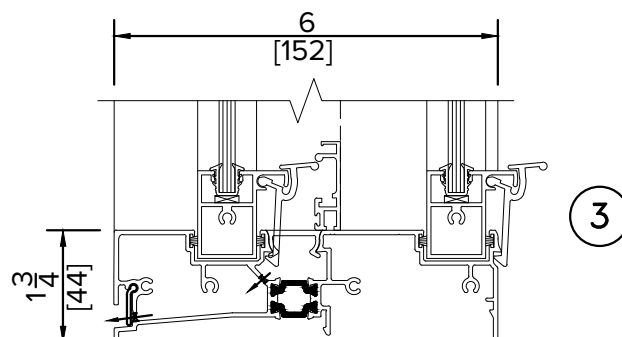
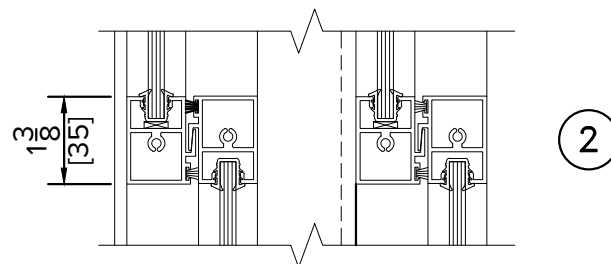
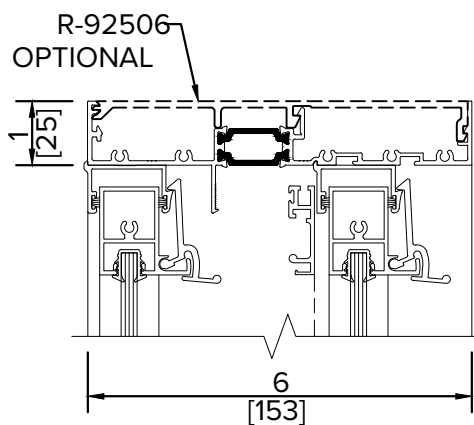
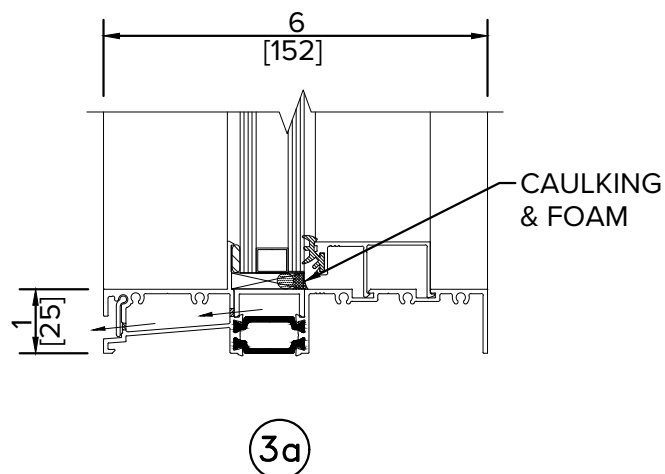
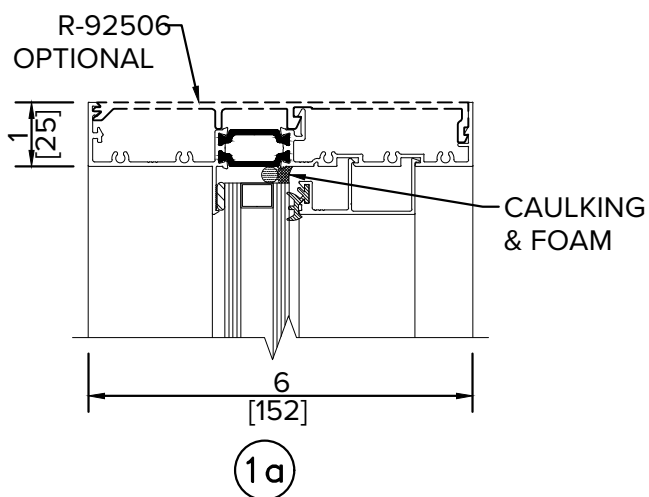
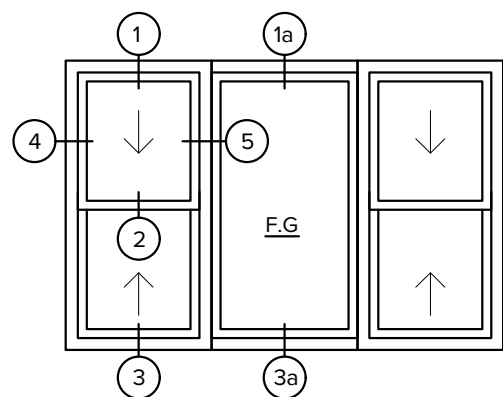


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DOUBLE HUNG TYPICAL DETAILS



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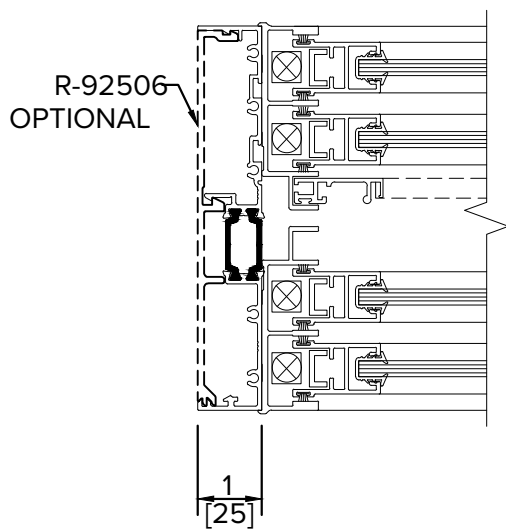
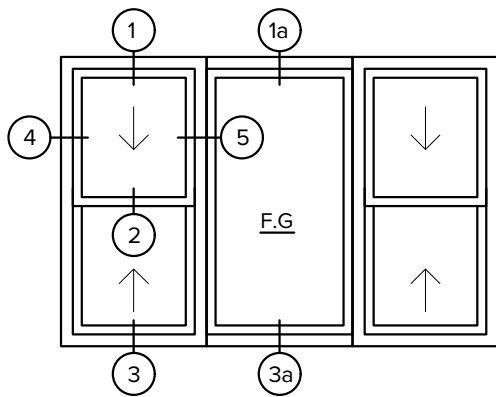


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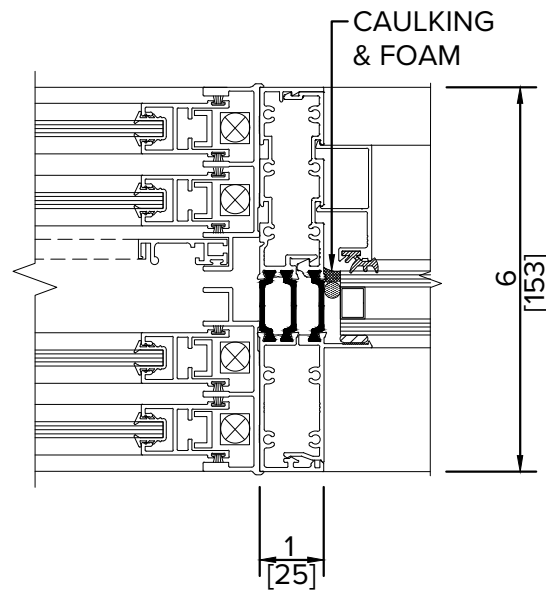
DOUBLE HUNG (TYPICAL DETAILS)



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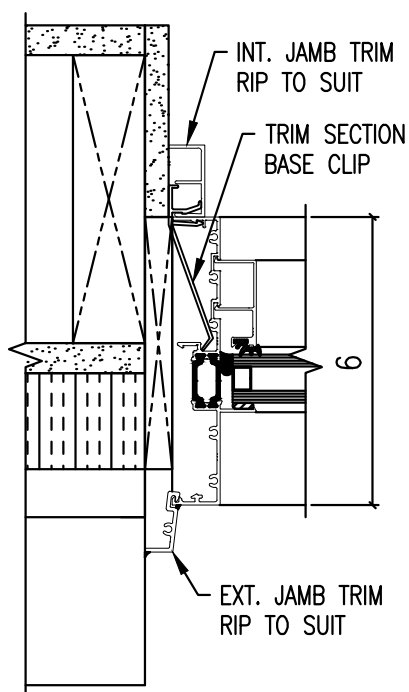
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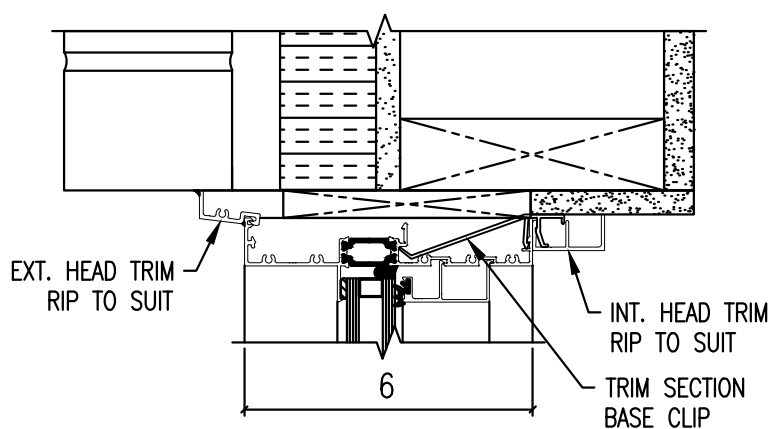
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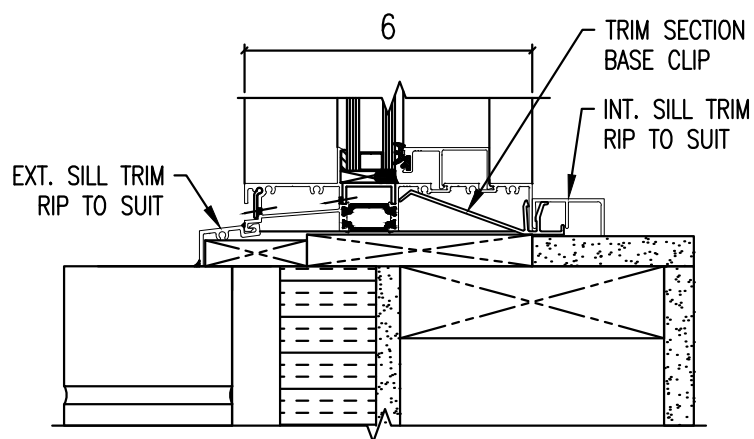
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HEAD



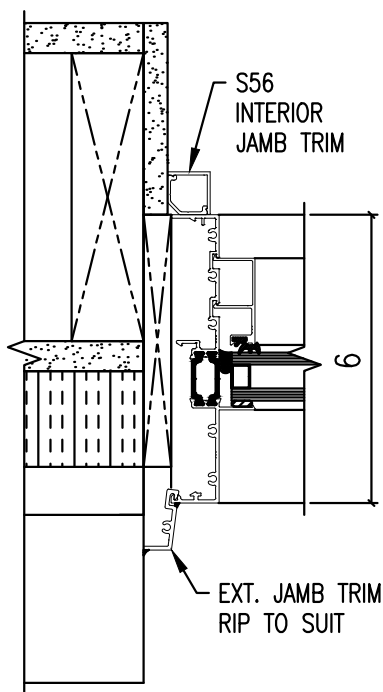
SILL

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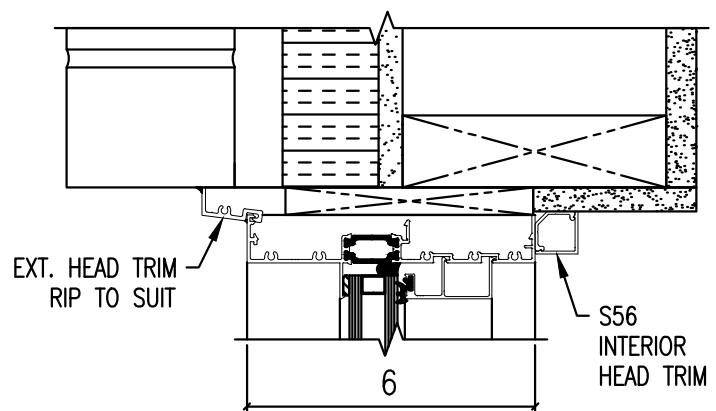
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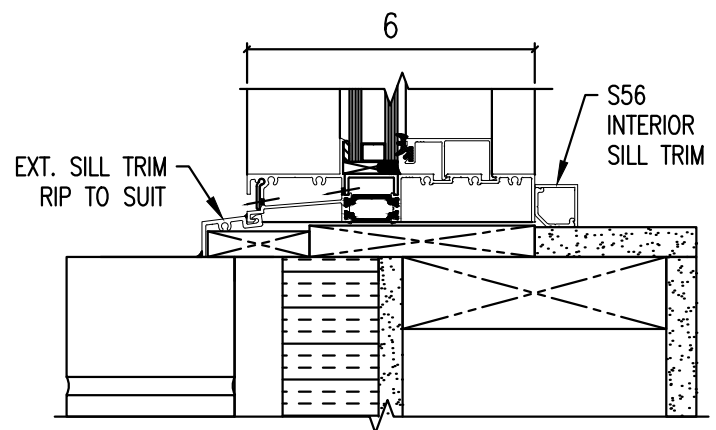
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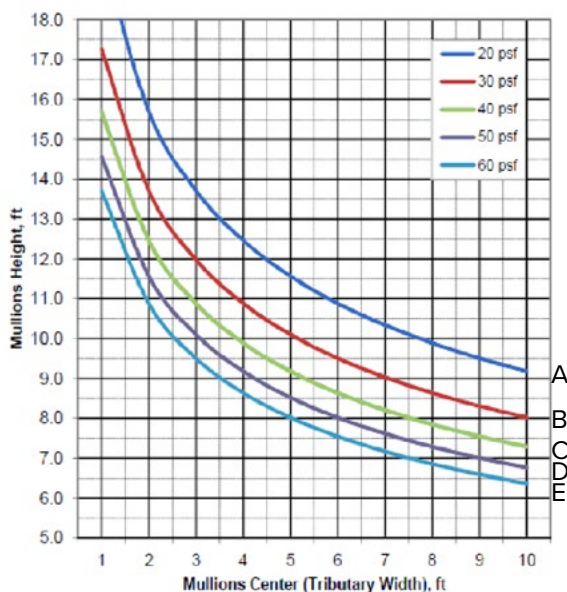
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WIND LOAD CHARTS



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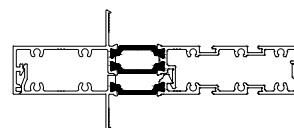


925 Straight Coupling Mullion

$2\frac{1}{2}" \times 6"$
(63.5mm x 152.4mm)
Double Glazed

$I_{xx} = 5.025 \text{ in}^4$
 $S_{xx} = 1.626 \text{ in}^3$

A = 20 PSF
B = 30 PSF
C = 40 PSF
D = 50 PSF
E = 60 PSF

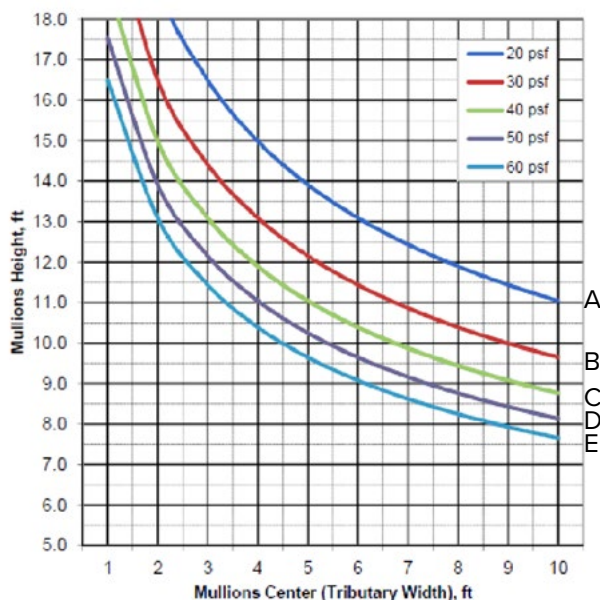
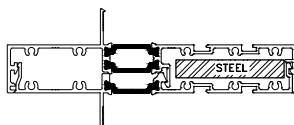


925 Straight Coupling Mullion (Reinforced)

$2\frac{1}{2}" \times 6"$
(63.5mm x 152.4mm)
Double Glazed

$I_{xx} = 8.746 \text{ in}^4$
 $S_{xx} = 2.187 \text{ in}^3$

A = 20 PSF
B = 30 PSF
C = 40 PSF
D = 50 PSF
E = 60 PSF



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THERMAL CHARTS



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U-cog	U-Product 925 Series Dbl		
	Aluminum Spacer	Stainless Steel Spacer	Non-Metal Spacer
0.18	0.29	0.27	0.25
0.20	0.30	0.29	0.27
0.22	0.32	0.31	0.28
0.24	0.34	0.32	0.30
0.26	0.35	0.34	0.32
0.28	0.37	0.36	0.33
0.30	0.39	0.37	0.35
0.32	0.40	0.39	0.37
0.34	0.42	0.41	0.39
0.36	0.44	0.43	0.40
0.38	0.45	0.44	0.42
0.40	0.47	0.46	0.44
0.42	0.49	0.48	0.45
0.44	0.50	0.49	0.47
0.46	0.52	0.51	0.49
0.48	0.54	0.53	0.51

U-cog	U-Product 925 Series Tpl		
	Aluminum Spacer	Stainless Steel Spacer	Non-Metal Spacer
0.10	0.22	0.20	0.18
0.12	0.23	0.22	0.19
0.14	0.25	0.23	0.21
0.16	0.27	0.25	0.23
0.18	0.28	0.27	0.25
0.2	0.30	0.28	0.26
0.22	0.32	0.30	0.28
0.24	0.33	0.32	0.30
0.26	0.35	0.33	0.31
0.28	0.37	0.35	0.33
0.30	0.38	0.37	0.35

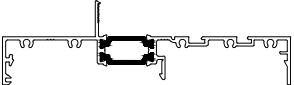
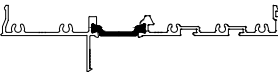
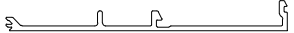
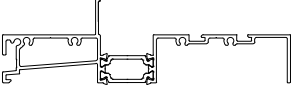
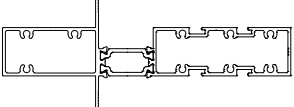
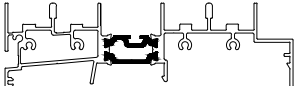
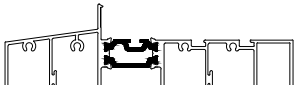
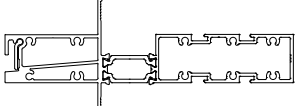
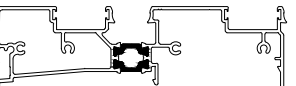
925 Series (Dbl and Tpl Glazed)	
SHGC-cog	SHGC-Product
0.05	0.05
0.10	0.09
0.15	0.14
0.20	0.18
0.25	0.23
0.30	0.27
0.35	0.32
0.40	0.36
0.45	0.41
0.50	0.45
0.55	0.49
0.60	0.54
0.65	0.58
0.70	0.63
0.75	0.67

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PARTS LIST



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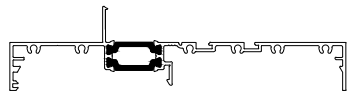
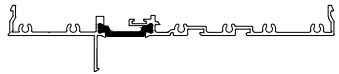
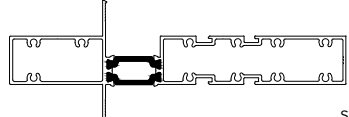
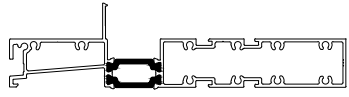
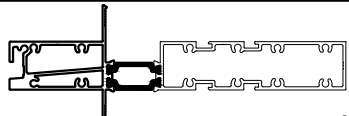
Part Number	Description	Profile
WA-92601	1 x 6" (25.4x 152.4mm) 925 Perimeter	 SCALE 1:1
WA-92602	1 x 6" (25.4x 152.4mm) 925 Female Frame	 SCALE 1:1
R-92506	PVC Perimeter Filler (12 ft./pc.)	 SCALE 1:1
WA-92607	1 x 6" (25.4x 152.4mm) 925 Side Slider Header	 SCALE 1:1
WA-92604	1 x 6" (25.4x 152.4mm) 925 Sill	 SCALE 1:1
WA-92605	1 x 6" (25.4x 152.4mm) 925 Horizontal Mullion	 SCALE 1:1
WA-92606	1 x 6" (25.4x 152.4mm) 925 Side Slider Sill	 SCALE 1:1
WA-92610	1 x 6" (25.4x 152.4mm) 925 Fixed Over Side Slider	 SCALE 1:1
WA-92615	1 x 6" (25.4x 152.4mm) 925 Sill for Exterior Panel	 SCALE 1:1
WA-92701	1 x 6" (25.4x 152.4mm) 925 Double Hung Sill	 SCALE 1:1

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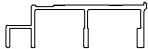
Part Number	Description	Profile
WA-92702	1 x 7" (25.4x 177.8mm) 925 Perimeter	 SCALE 1:1
WA-92703	1 x 7" (25.4x 177.8mm) 925 Female Frame	 SCALE 1:1
WA-92704	1 x 7" (25.4x 177.8mm) 925 Horizontal Mullion	 SCALE 1:1
WA-92705	1 x 7" (25.4x 177.8mm) 925 Sill	 SCALE 1:1
WA-92707	1 x 7" (25.4x 177.8mm) Horizontal with Face Drain	 SCALE 1:1

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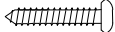
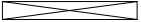
Part Number	Description	Profile
W-92002	Glass Stop (for 1" Double Glazing)	 SCALE 1:1
W-92513	Glass Stop (for 1 3/4" Triple Glazing)	 SCALE 1:1
W-92512	Glass Stop (for 535 Series Vent)	 SCALE 1:1
W-92010	Exterior Jamb Adaptor Left Side (Interior View)	 SCALE 1:1
W-92011	Interior Jamb Adaptor (Both Sides)	 SCALE 1:1
W-92012	Exterior Jamb Adaptor Right Side (Interior View)	 SCALE 1:1
W-92703	925 Double Hung Jamb	 SCALE 1:1
W-92704	925 Double Hung Header	 SCALE 1:1
H-92501	PVC Glazing Support	 N.T.S.
R-00003	1/8" Polyshim Tape	 N.T.S.
R-92010	Glazing Gasket	 N.T.S.
R-92013	Sash Glazing Gasket (for 5mm, 6mm Glazing)	 SCALE 1:1

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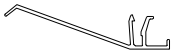
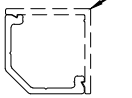
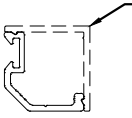
Part Number	Description	Profile
R-92502	Side Slider Screen Track (Bottom)	 SCALE 1:1
R-92503	Side Slider Screen Track (Top)	 SCALE 1:1
H-00001	#8 X 1" Pan-head Screw (Screw Chase)	 N.T.S
H-00120	E.P.D.M. Setting Block - DG ($\frac{1}{4} \times 1 \frac{1}{8} \times 5$ ")	 N.T.S
H-00121	E.P.D.M. Setting Block - TG ($\frac{1}{4} \times 1 \frac{7}{8} \times 5$ ")	 N.T.S
T-0023	1"X1" PANNING	 SCALE 1:1
T-0024	1"X2" PANNING	 SCALE 1:1
T-0025	1"X4" PANNING	 SCALE 1:1
T-0026	3"X4" PANNING	 SCALE 1:1

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Part Number	Description	Profile
T-0010	1 1/2"X2 1/2" INTERIOR TRIM CAP	 SCALE 1:1
T-0011	1 1/2"X4 1/2" INTERIOR TRIM CAP	 SCALE 1:1
H-92502	TRIM SECTION BASE CLIP (PVC)	 SCALE 1:1
T-0034	S56 BASE 7/8"X7/8"	 SCALE 2:1
T-0035	S56 CAP 7/8"X7/8"	 SCALE 2:1
W-85016	TRIPLE GLAZE BASE WITH GASKET RASE (R-92010, GASKET #104)	 SCALE 2:1