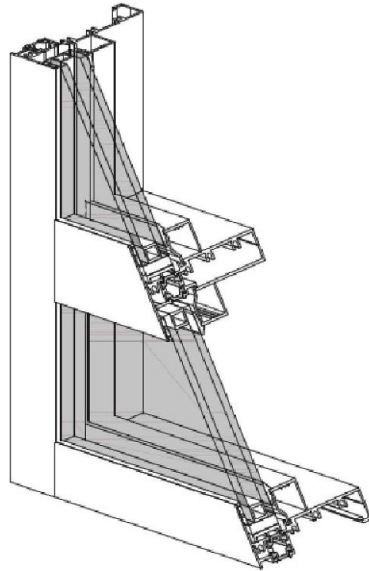
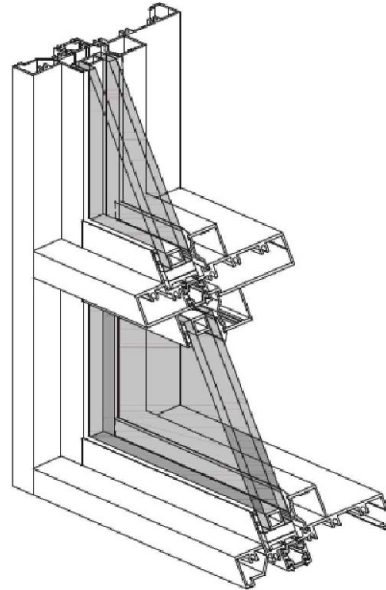


855-875 SERIES



855 SERIES



875 SERIES

The 855/875 Series' are Windspec's thermally broken stick-build window system. Utilizing our glass-reinforced thermal break, these systems can meet strict thermal requirements. This systems ranges from 4-1/4" - 6-1/2" depths. Custom depths available upon request.

KEY FEATURES

- High performance thermal break
- Optional rain screen drainage
- $\frac{3}{4}$ " profile
- Accommodates 1" double or 1- $\frac{3}{4}$ " triple glazing units
- Mullion depths ranging from 4- $\frac{1}{4}$ " to 6"
- Compatible with a variety of Windspec operable windows
- Available in anodized and painted finishes

PERFORMANCE

- U values as low as 0.32 (1" glazing)
- U value as low as 0.27 (1- $\frac{3}{4}$ " glazing)
- NAFS: AW-PG70
- A440- A3, C5, B7



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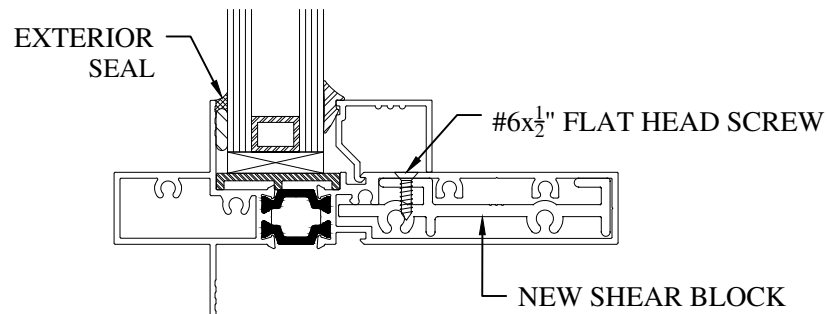
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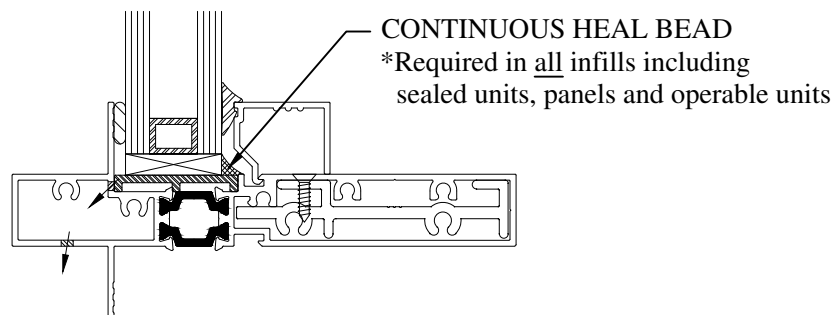
855-875 SERIES

TYPICAL GLAZING DETAILS

- STANDARD



- RAIN SCREEN

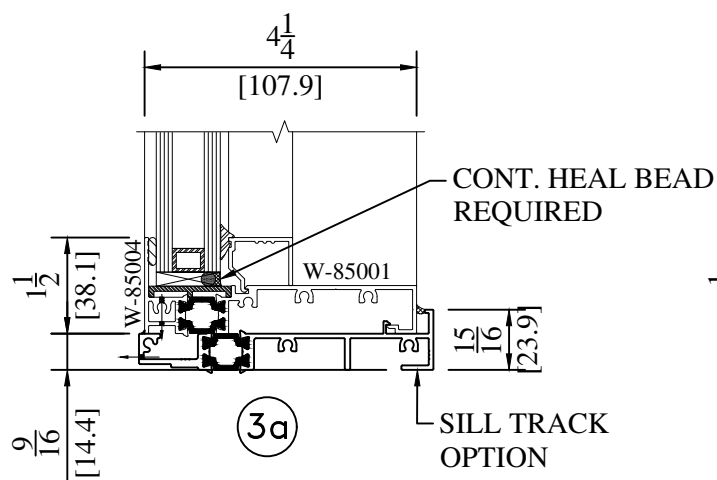
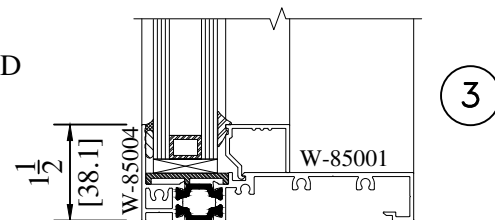
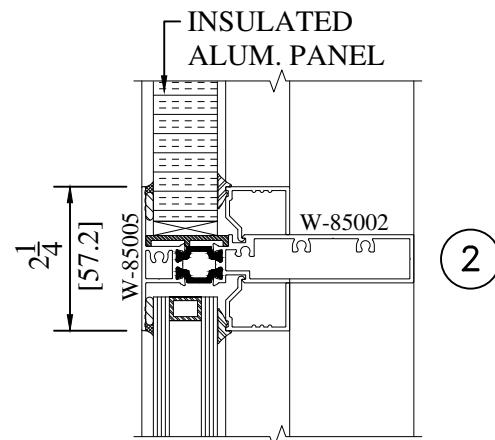
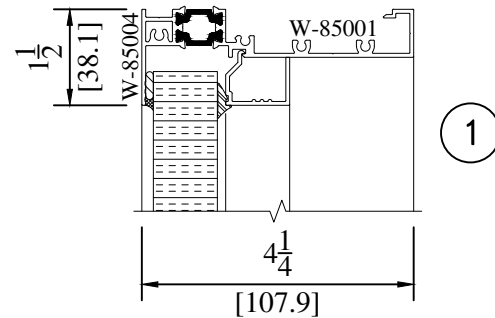
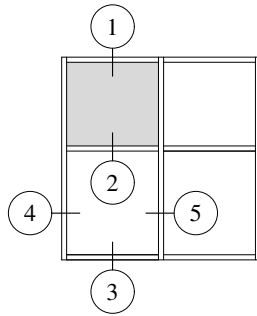


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TYPICAL DETAILS 855 SERIES

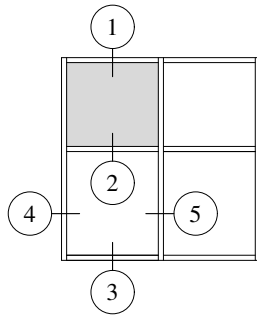


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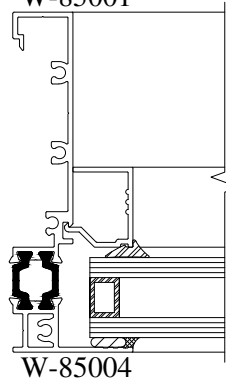
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855-875 SERIES

TYPICAL DETAILS 855 SERIES



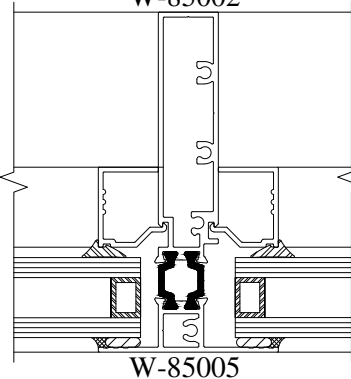
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W-85004

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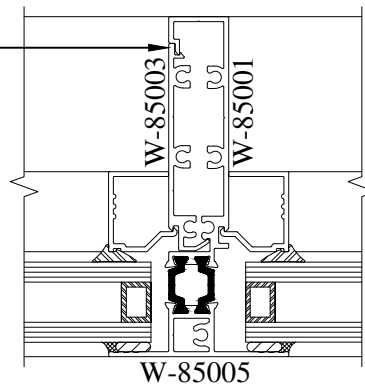
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OPTIONAL
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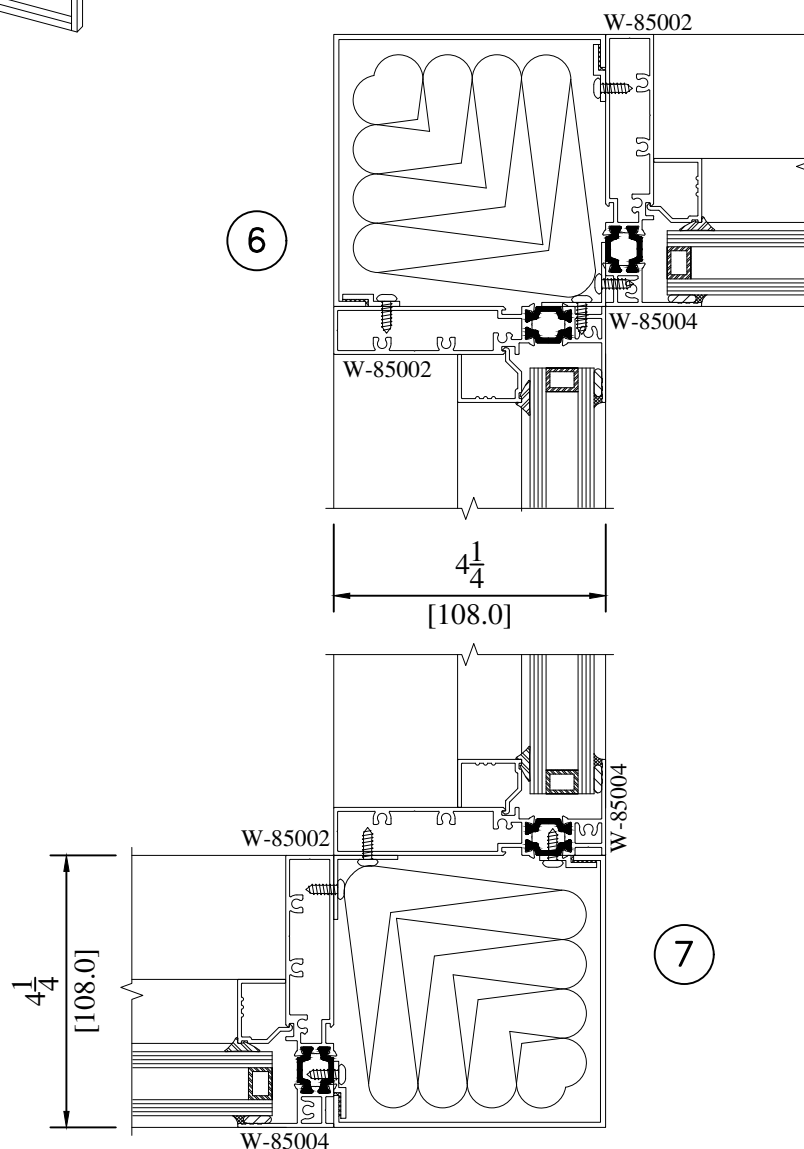
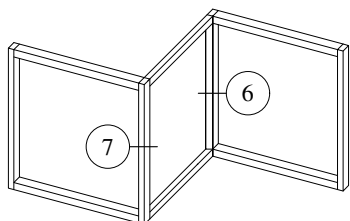
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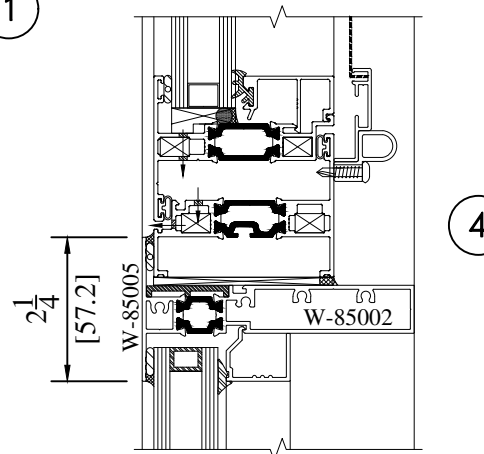
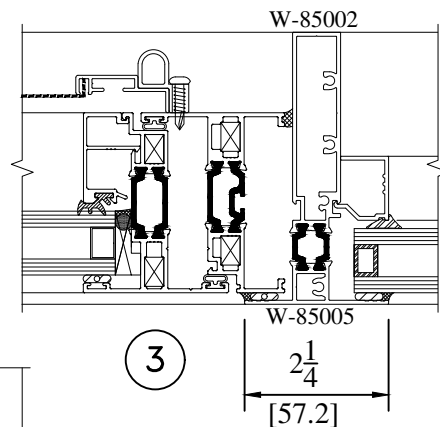
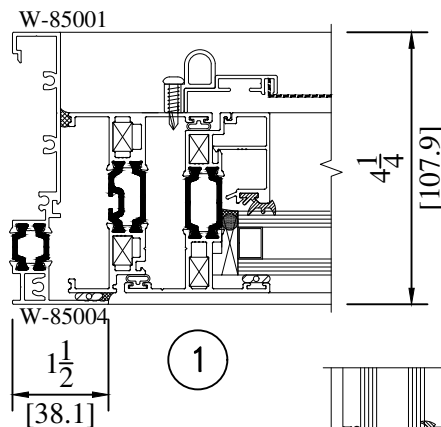
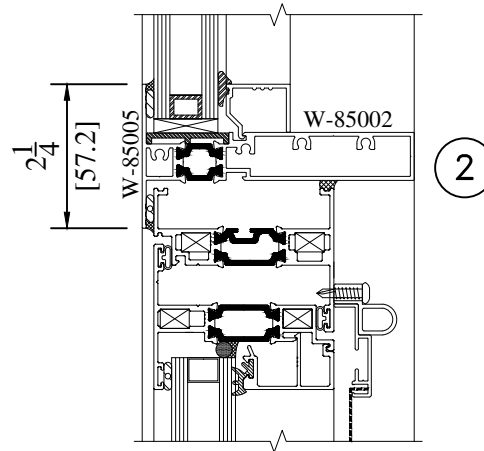
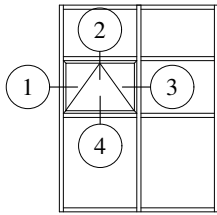


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855-875 SERIES

535 PROJECT-OUT VENT IN 855 SERIES

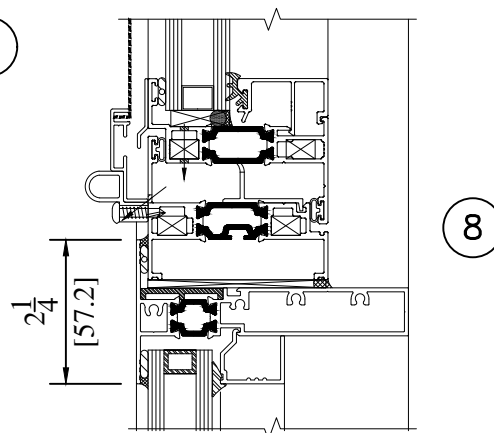
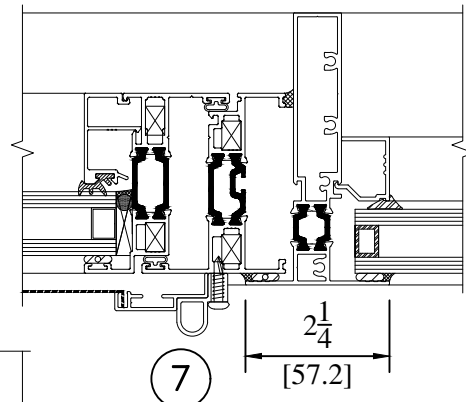
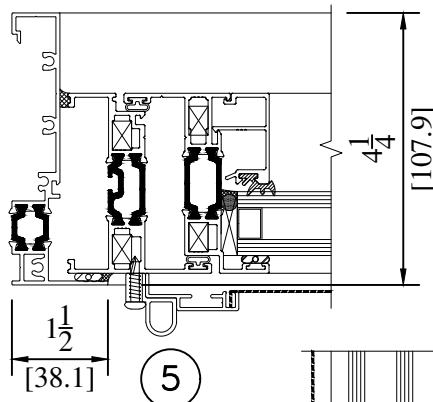
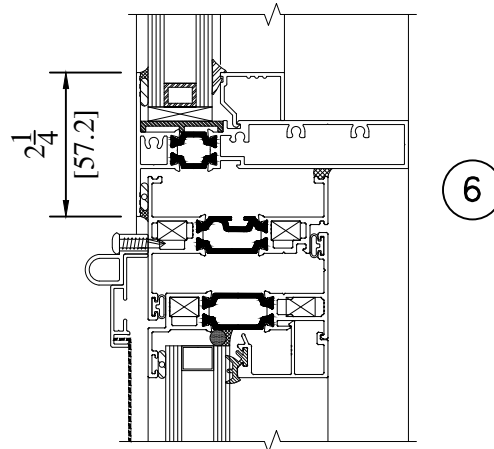
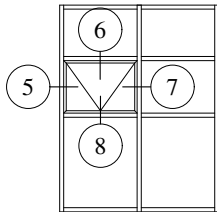


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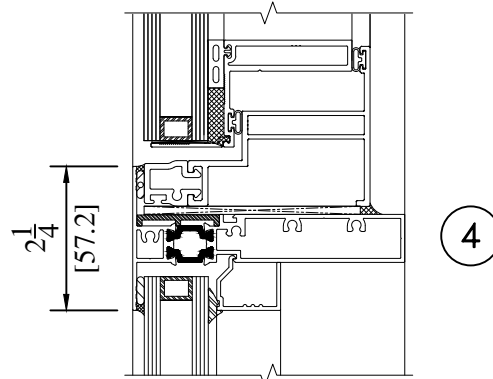
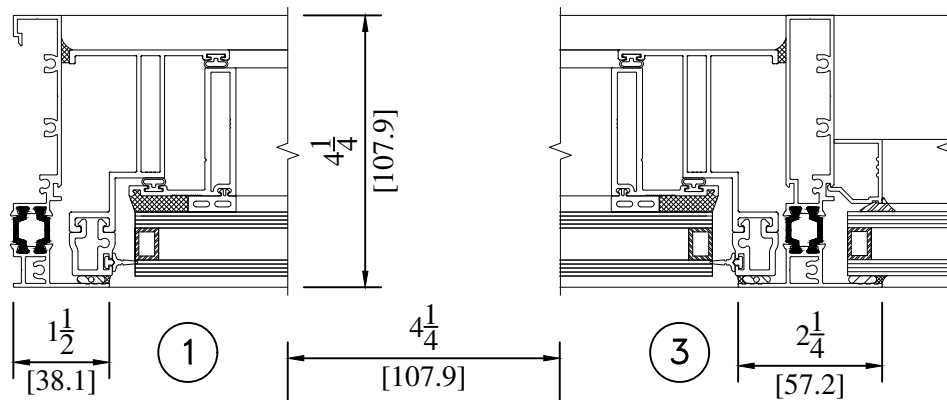
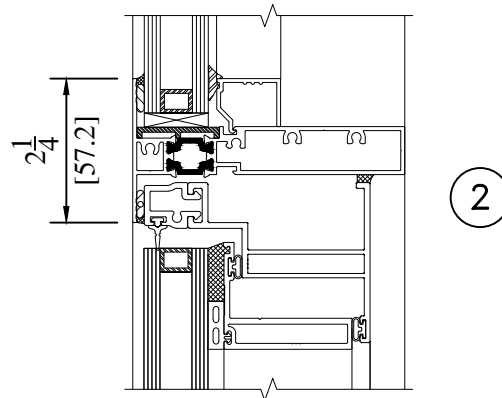
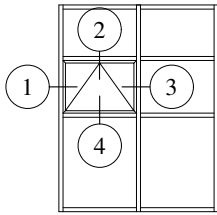


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575 PROJECT-OUT VENT IN 855 SERIES

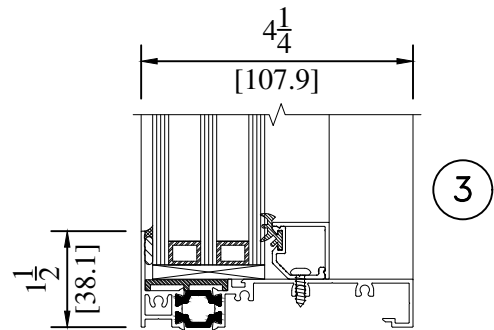
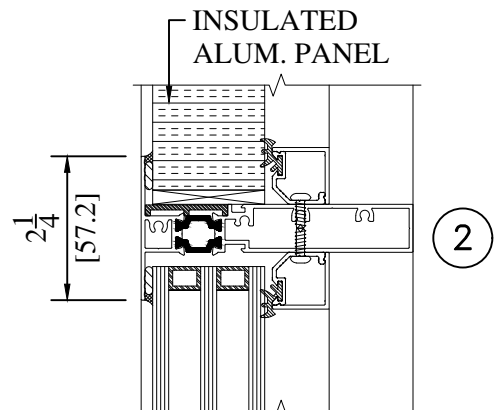
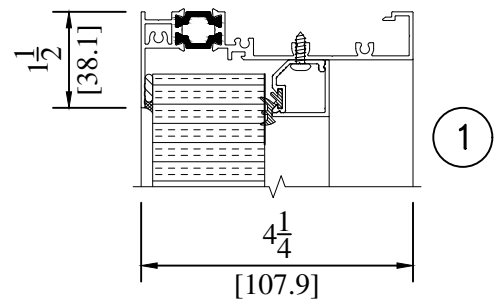
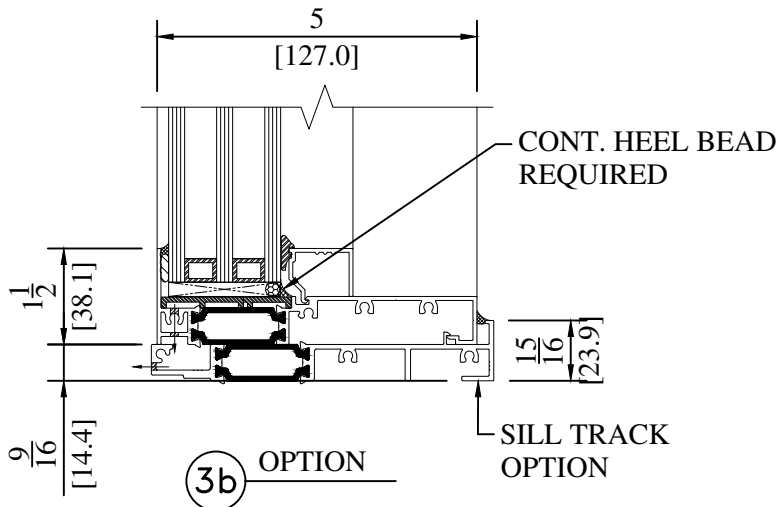
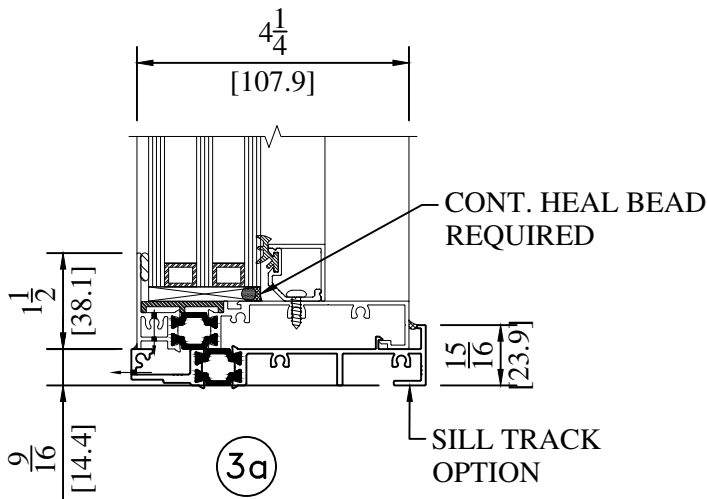
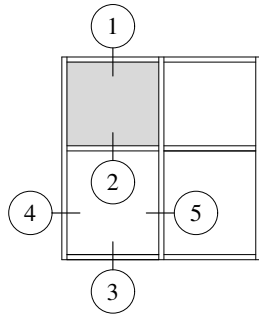


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TYPICAL TRIPLE GLAZED DETAILS IN 855 SERIES

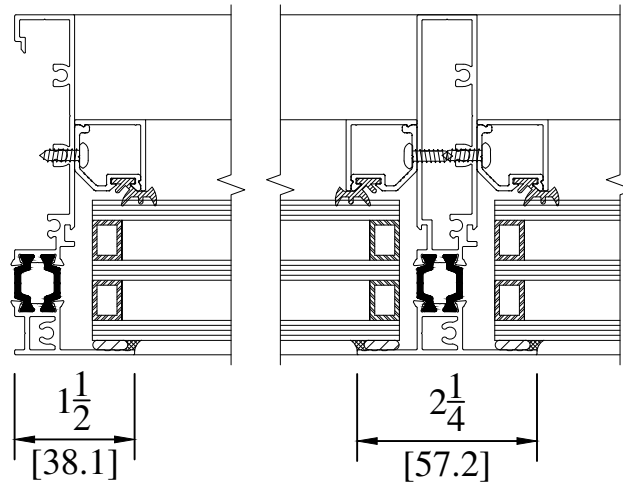
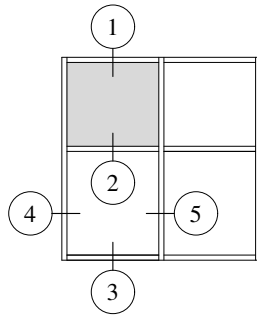


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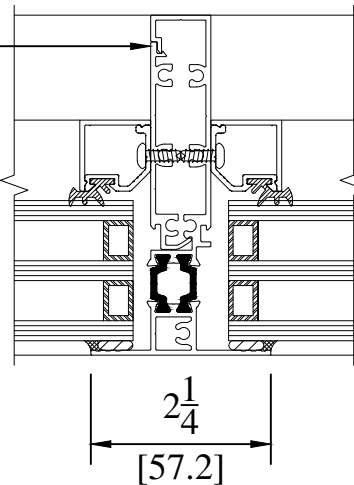


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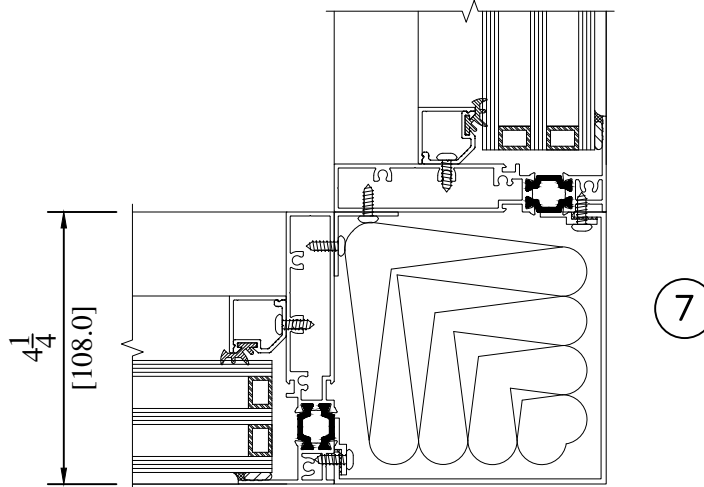
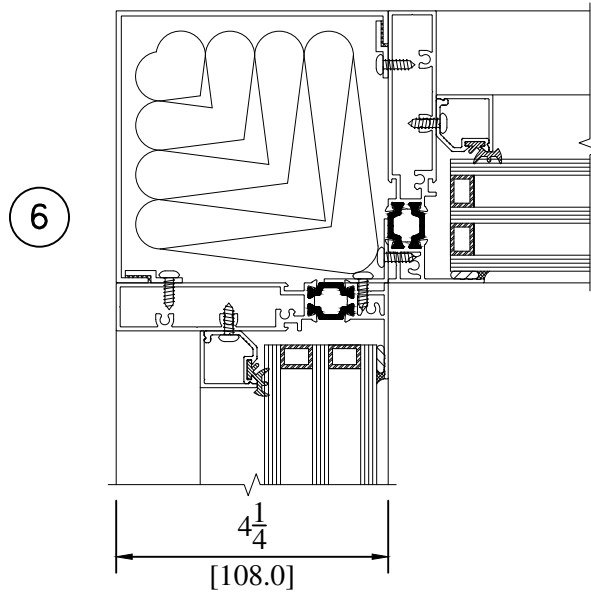
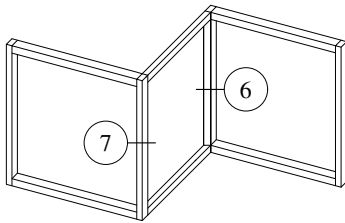


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TYPICAL TRIPLE GLAZED DETAILS IN 855 SERIES

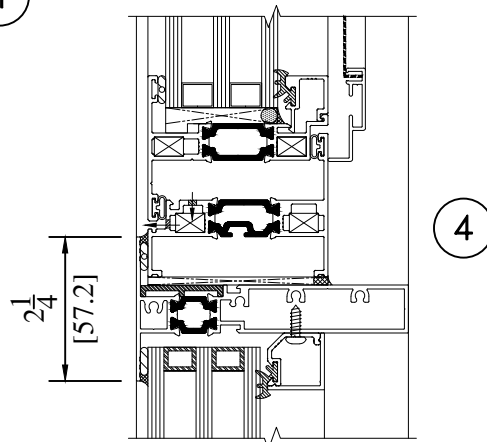
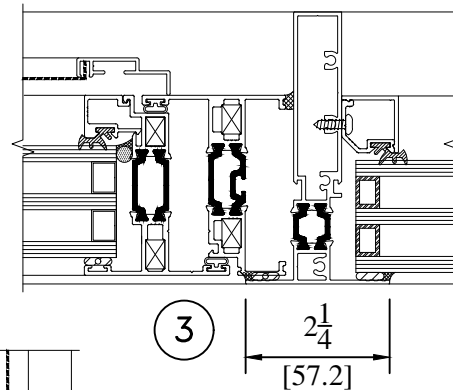
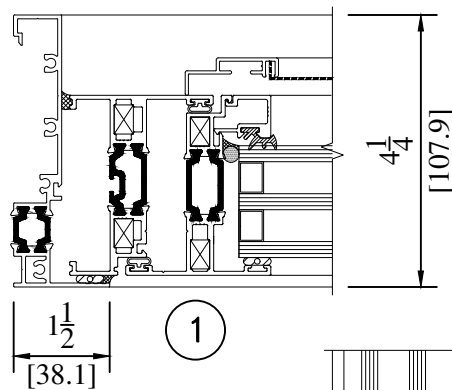
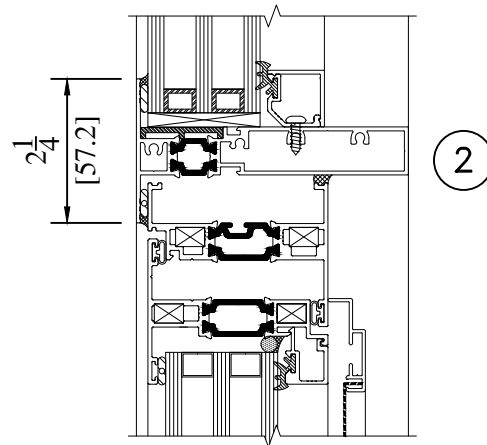
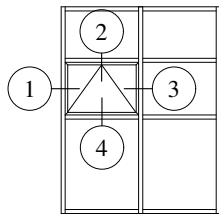


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TRIPLE GLAZED 535 PROJECT-OUT VENT IN 855 SERIES

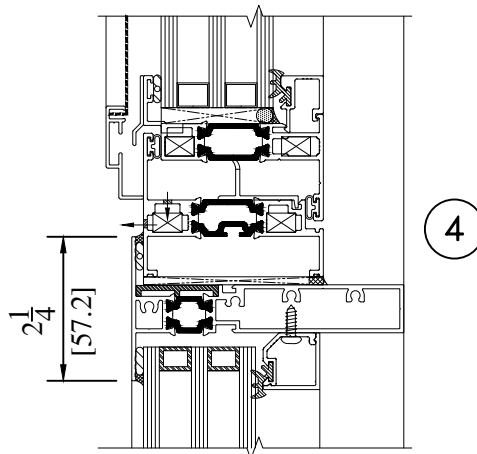
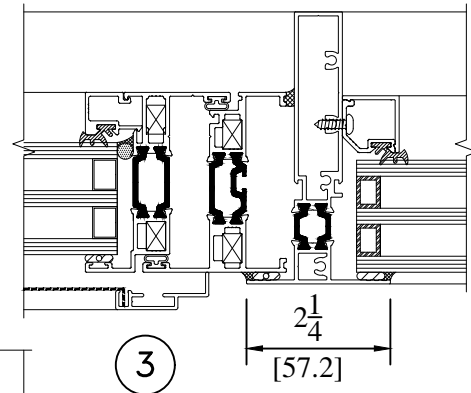
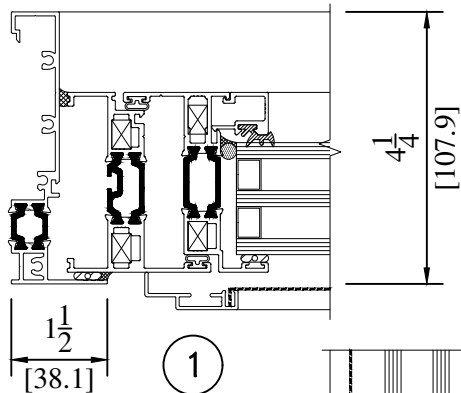
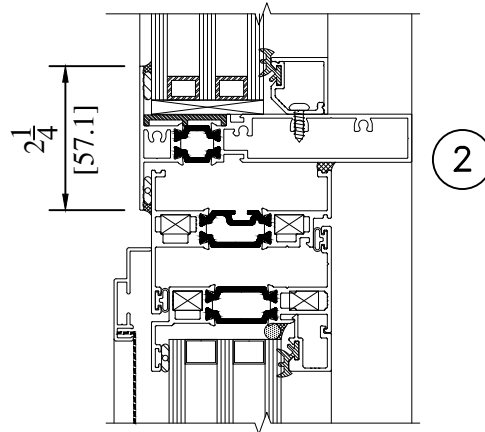
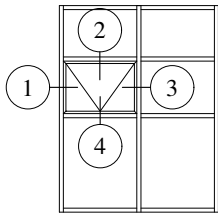


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TRIPLE GLAZED 535 PROJECT-IN VENT IN 855 SERIES

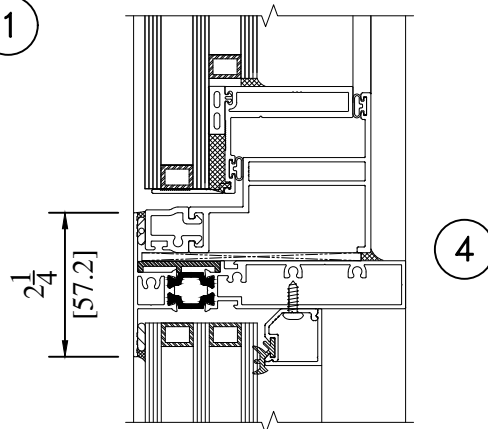
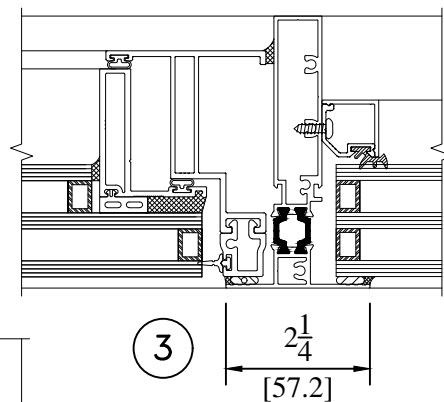
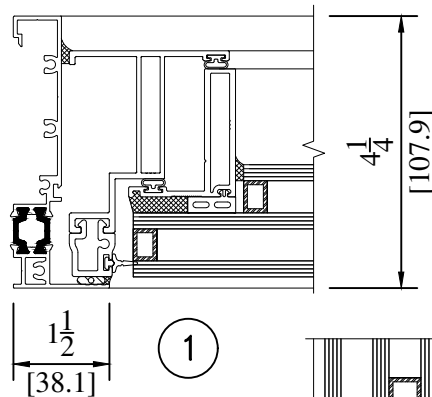
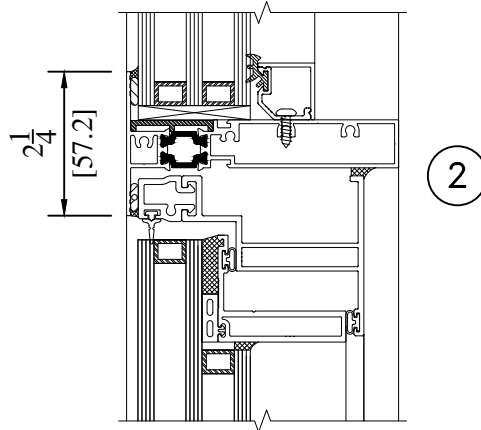
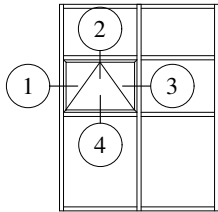


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TRIPLE GLAZED 575 PROJECT-OUT VENT IN 855 SERIES

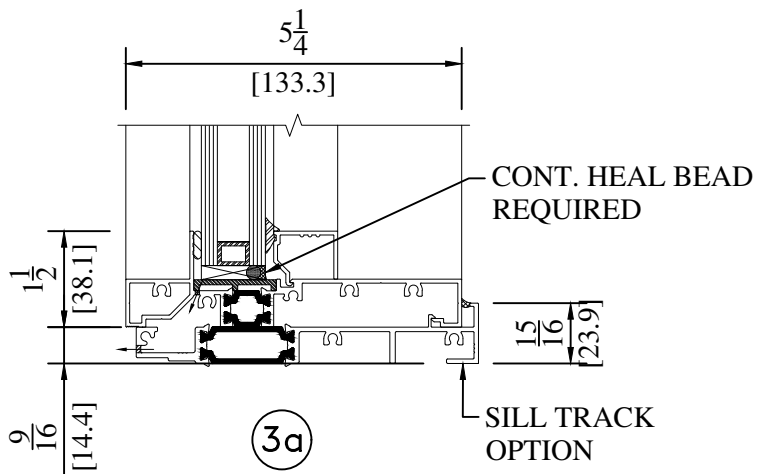
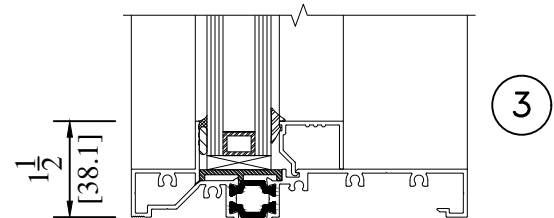
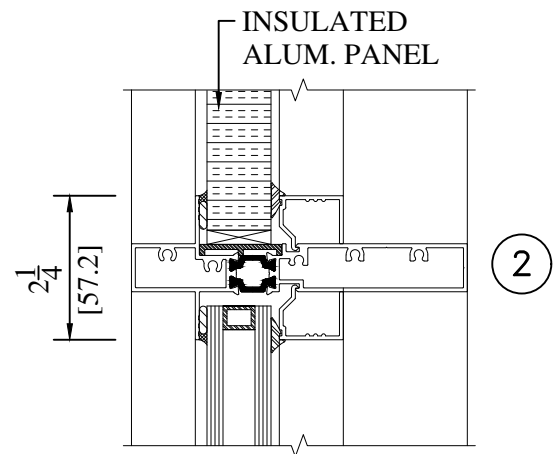
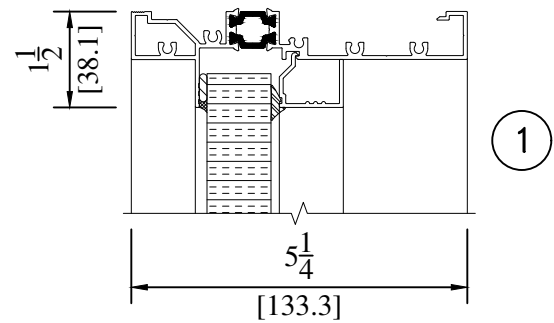
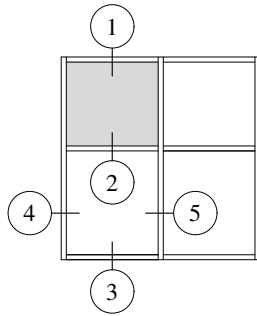


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TYPICAL DETAILS 875 SERIES

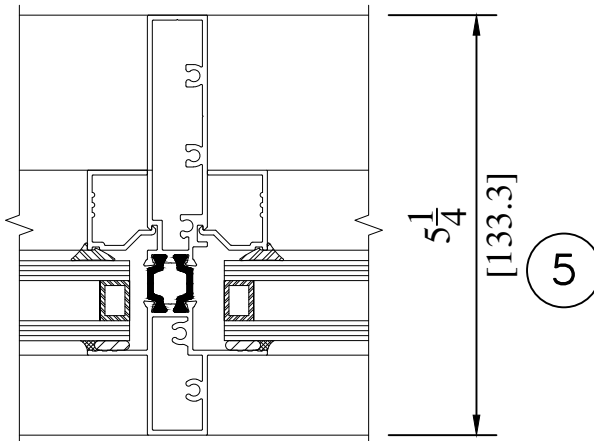
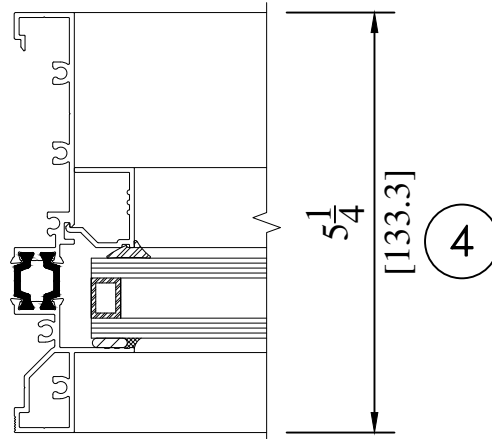
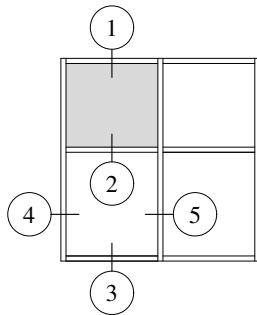


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TYPICAL DETAILS 875 SERIES

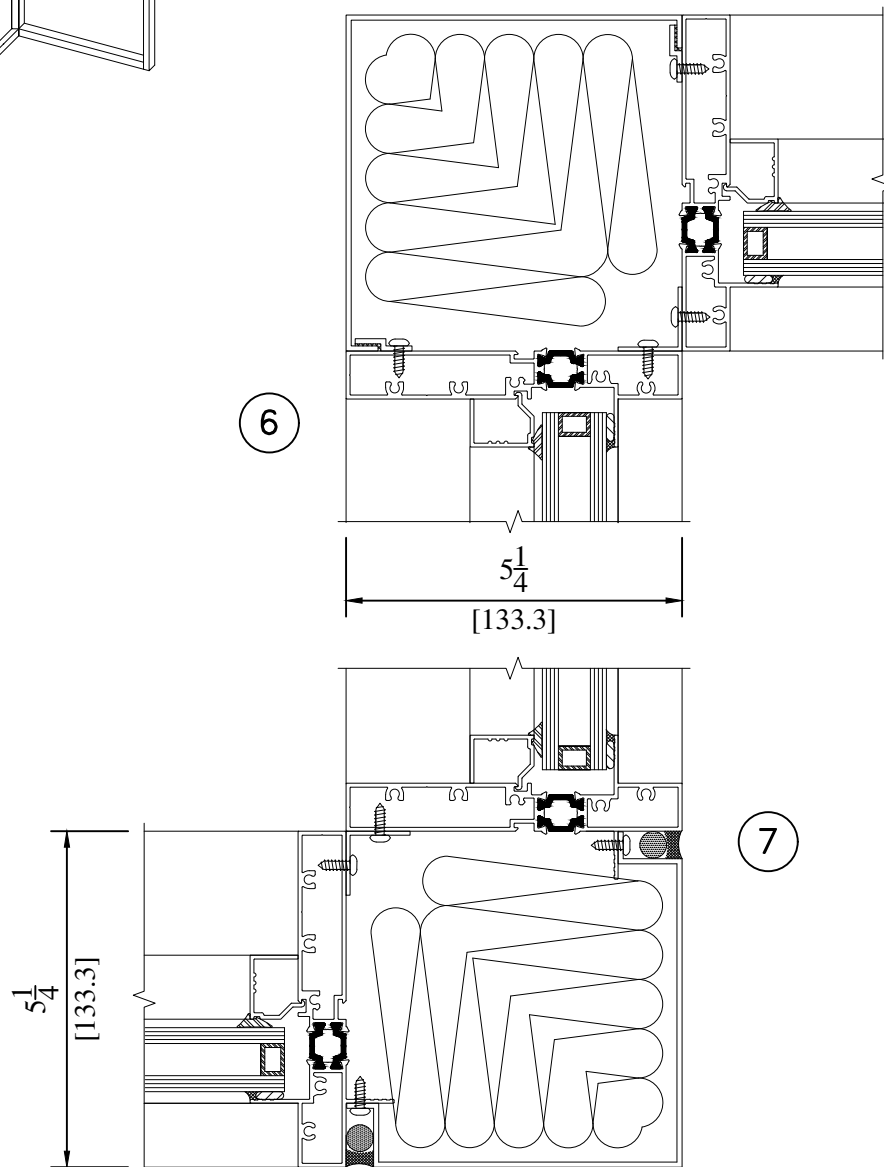
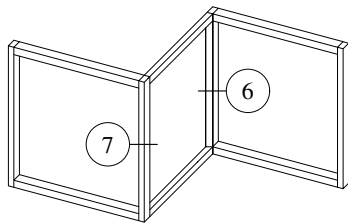


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855-875 SERIES

TYPICAL DETAILS 875 SERIES

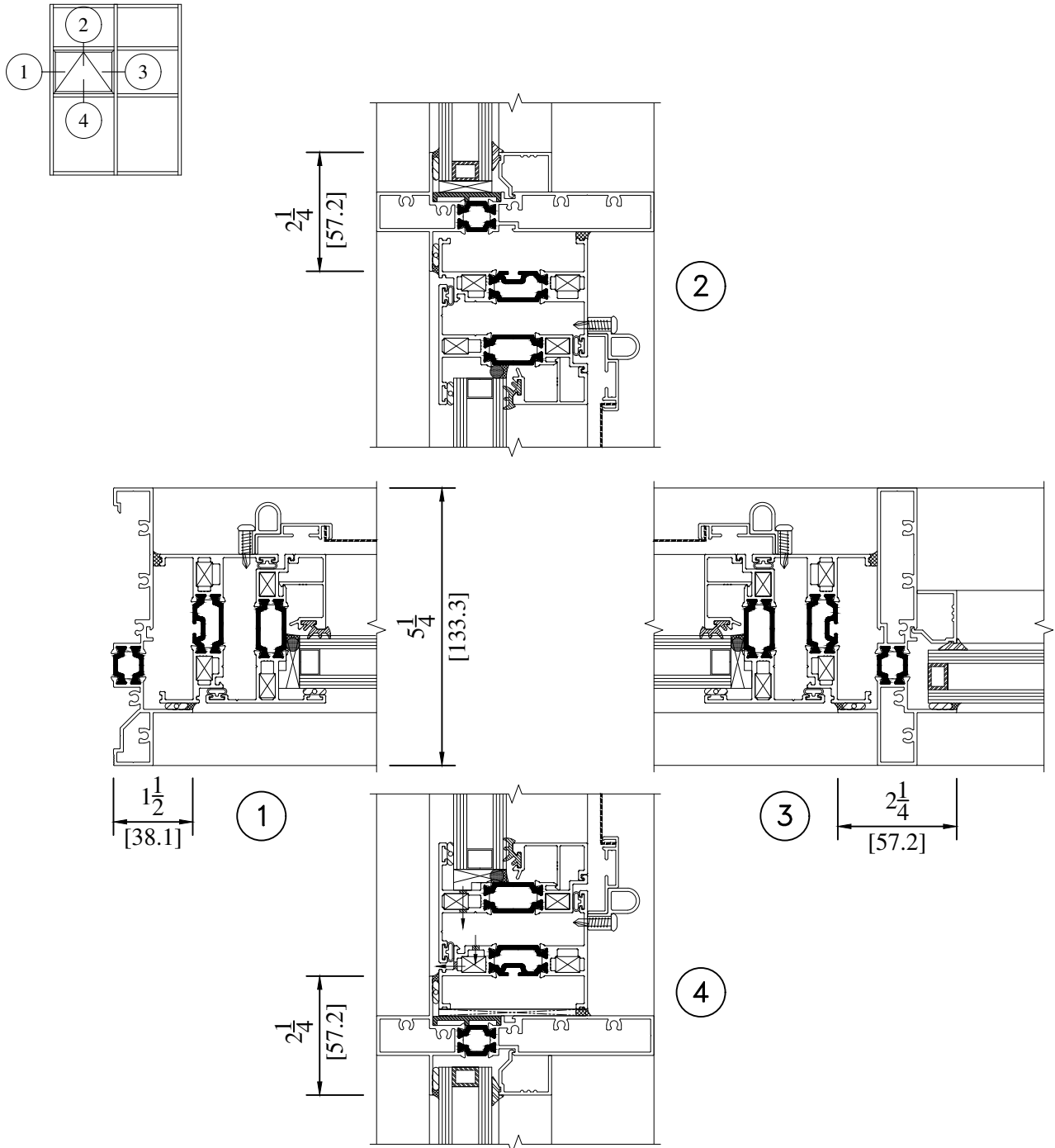


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535 PROJECT-OUT VENT IN 875 SERIES

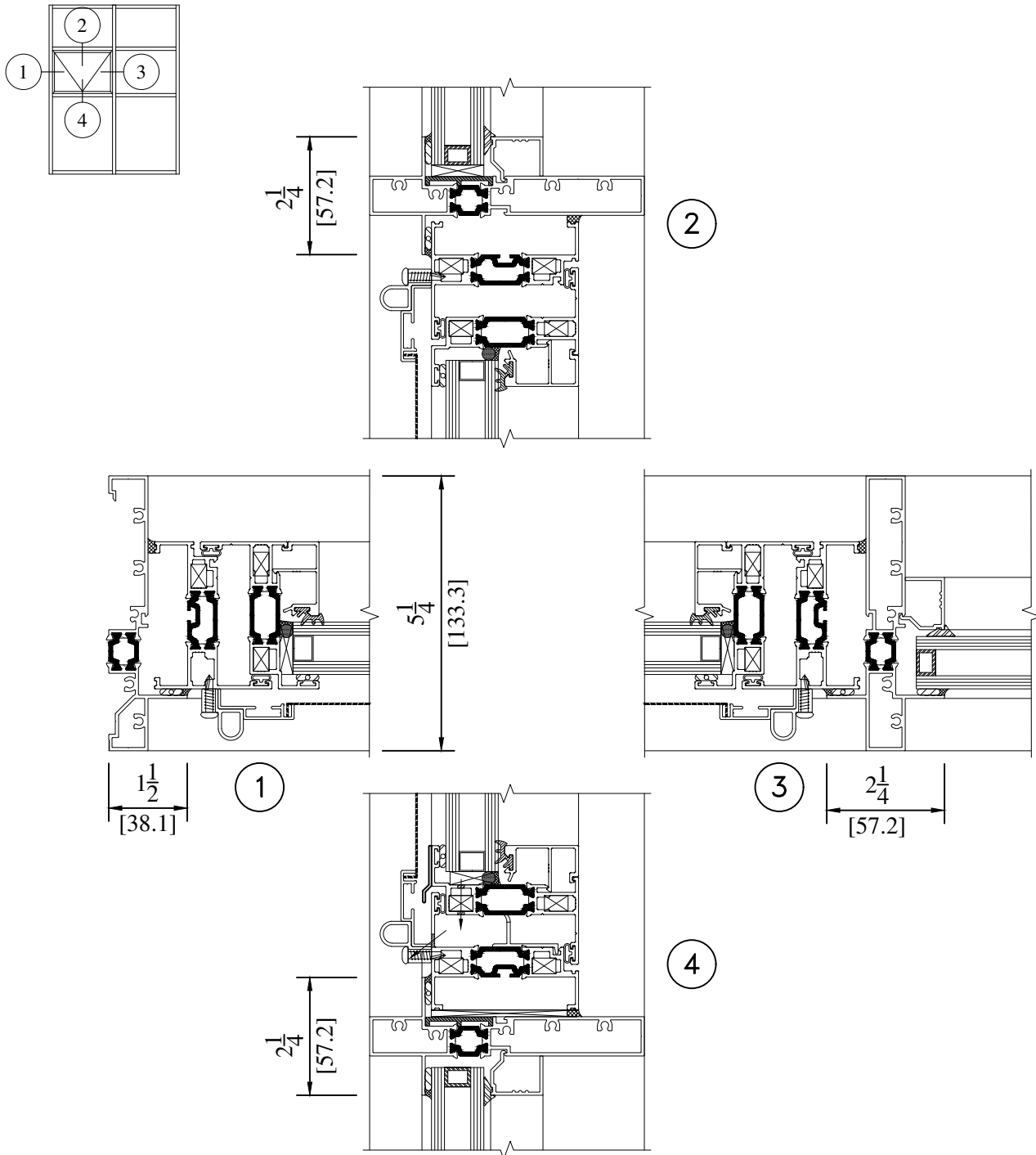


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535 PROJECT-IN VENT IN 875 SERIES

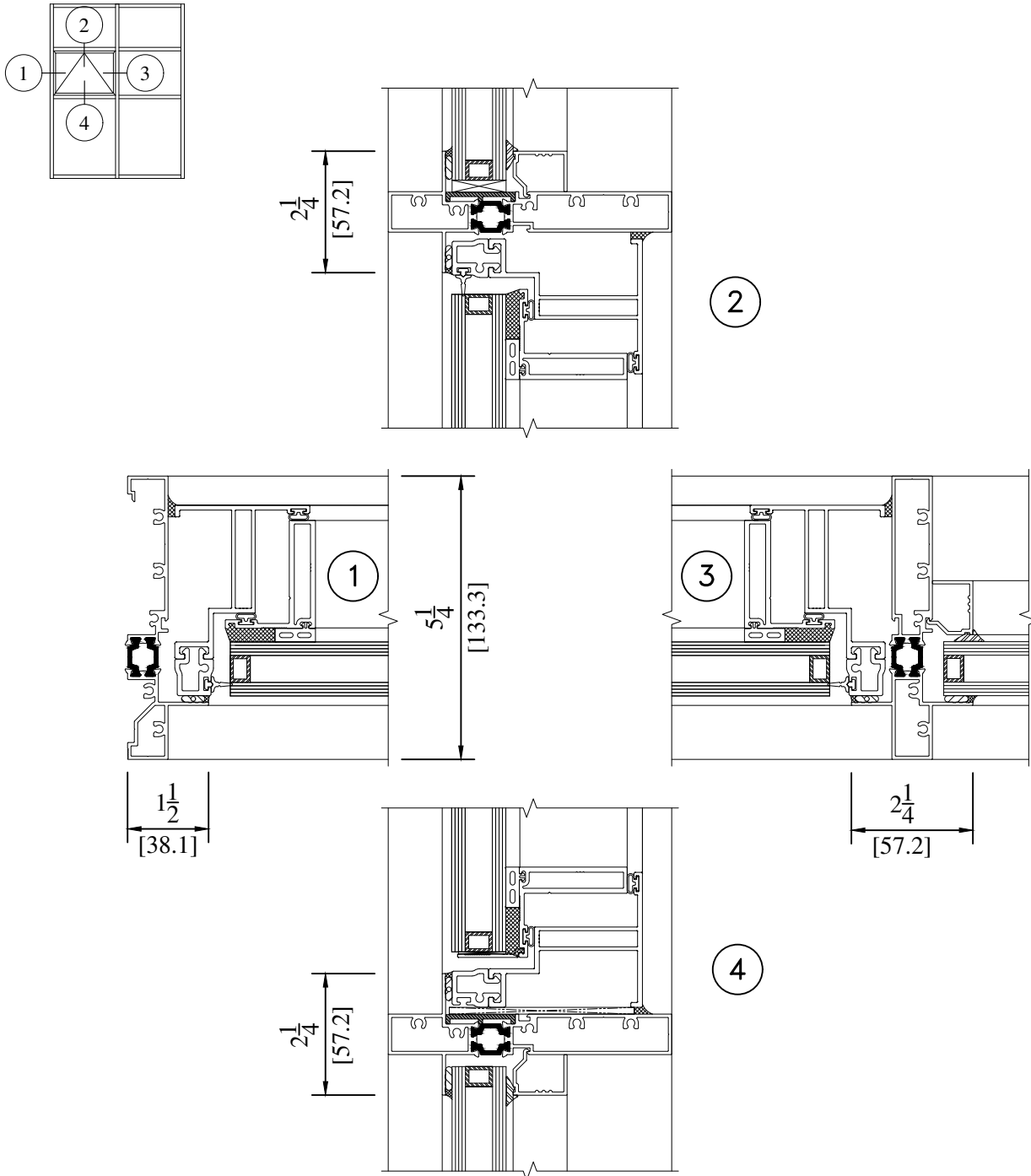


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575 PROJECT-OUT VENT IN 875 SERIES

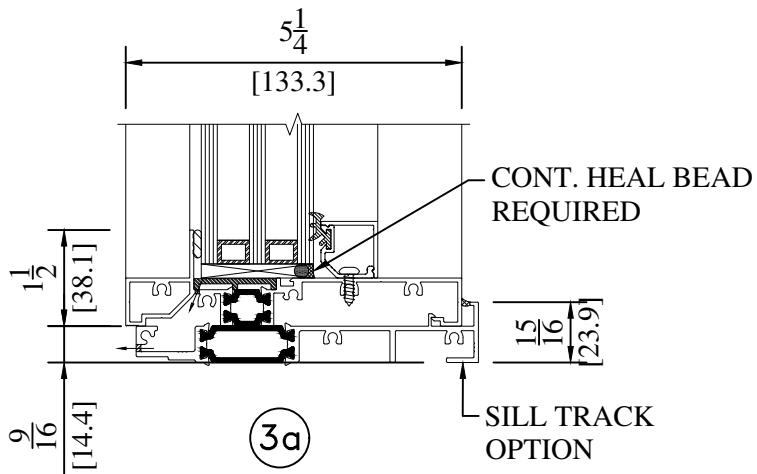
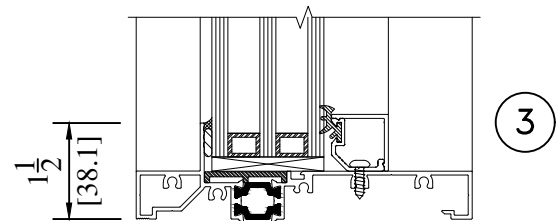
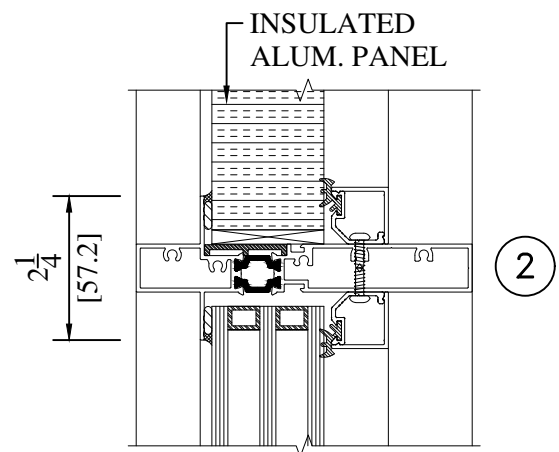
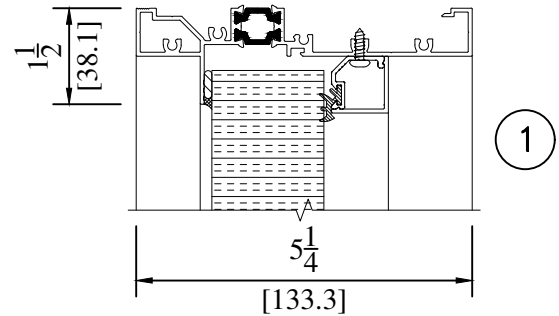
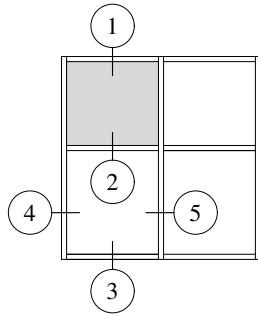


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TYPICAL TRIPLE GLAZED DETAILS IN 875 SERIES

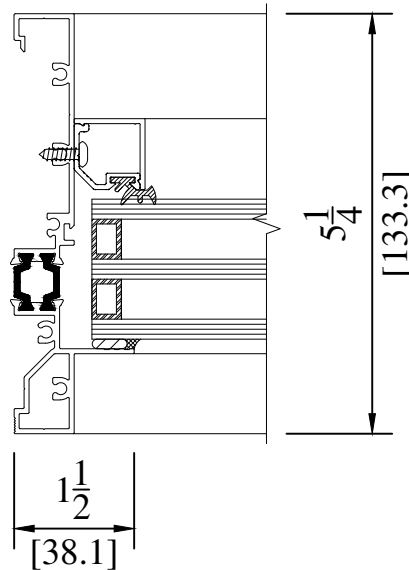
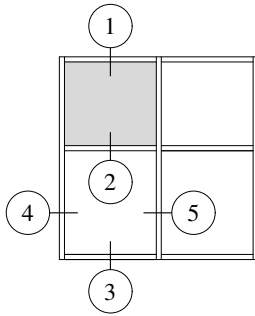


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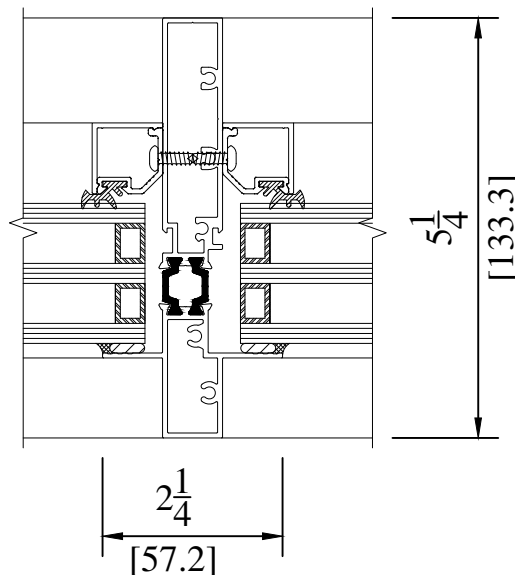
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TYPICAL TRIPLE GLAZED DETAILS IN 875 SERIES



4



5

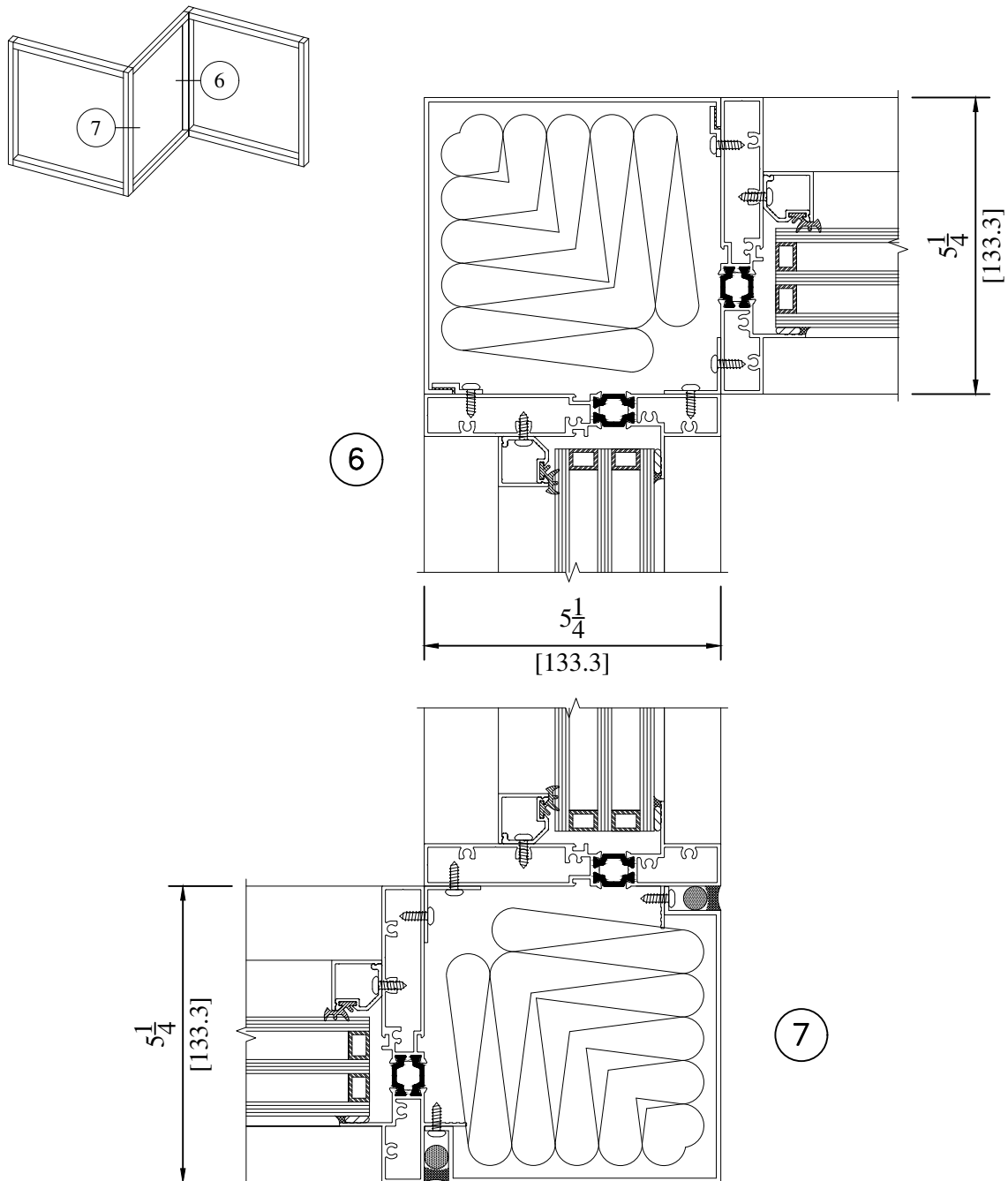


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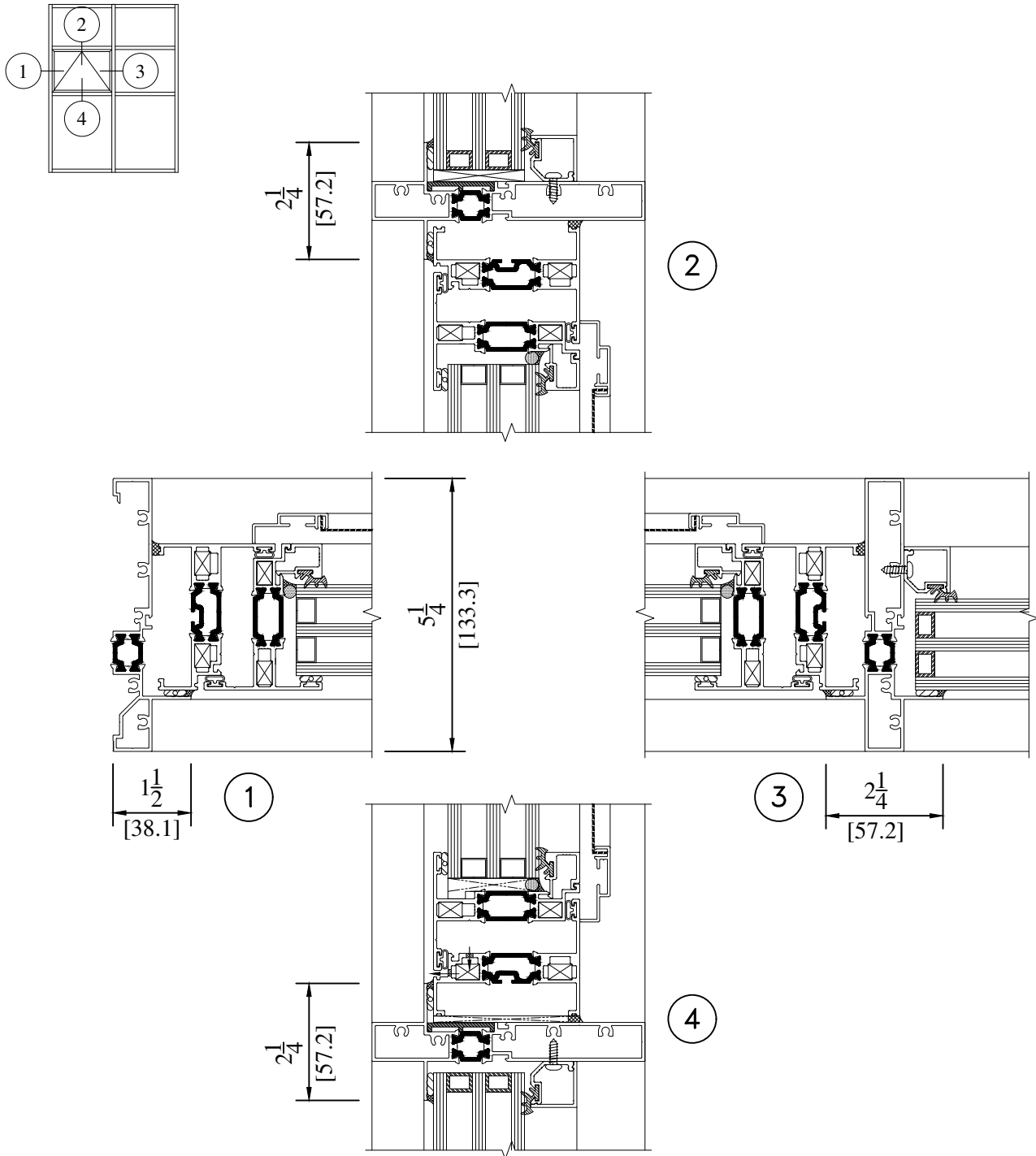


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TRIPLE GLAZED 535 PROJECT-OUT VENT IN 875 SERIES

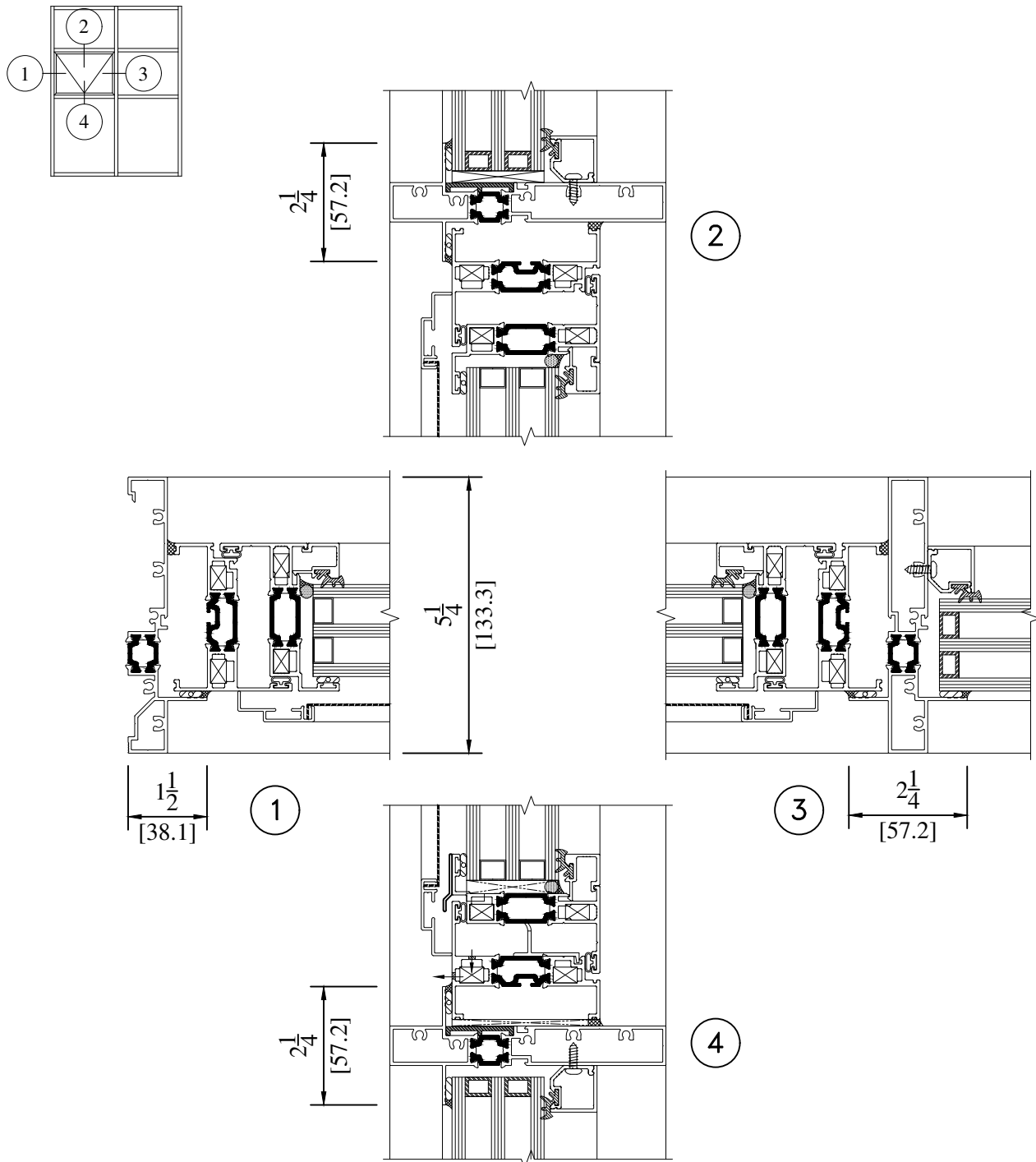


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TRIPLE GLAZED 535 PROJECT-IN VENT IN 875 SERIES

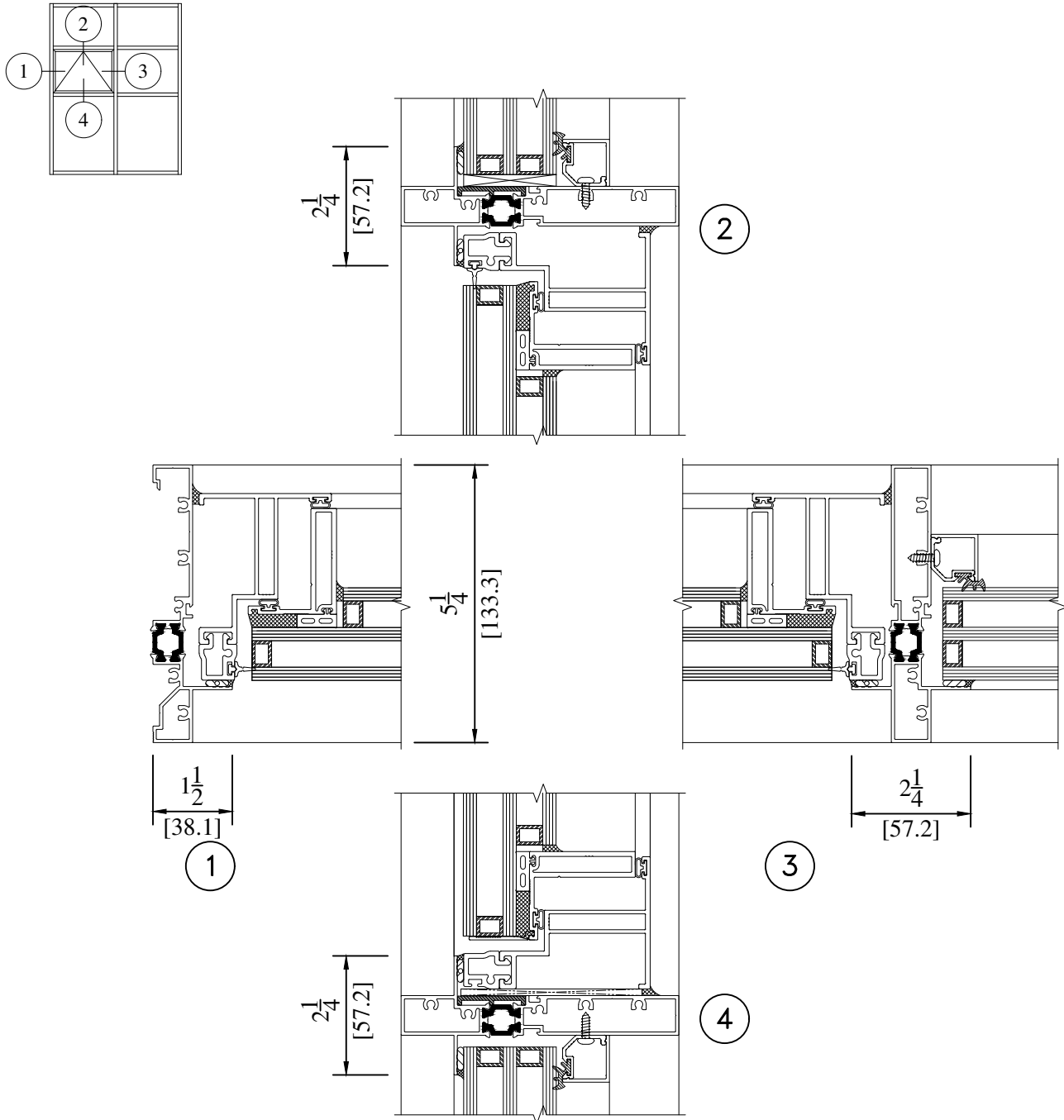


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TRIPLE GLAZED 575 PROJECT-OUT VENT IN 875 SERIES

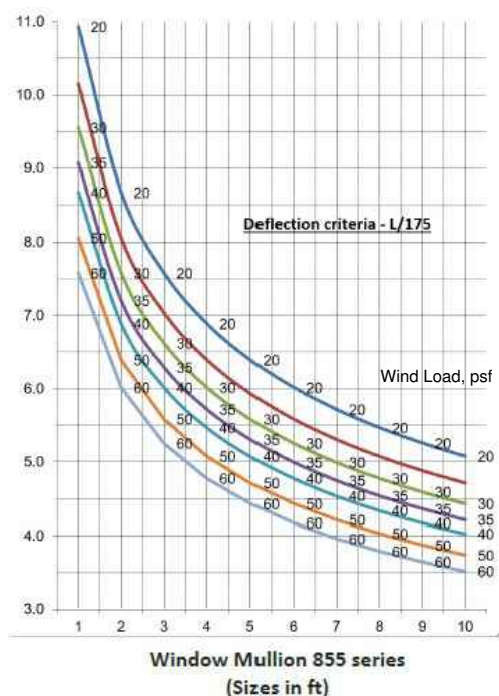


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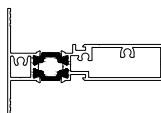
WIND LOAD CHARTS



855 Closed Back Mullion

2 1/4" x 3 1/4" (57.2mm x 82.5mm)

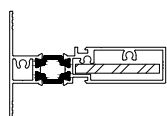
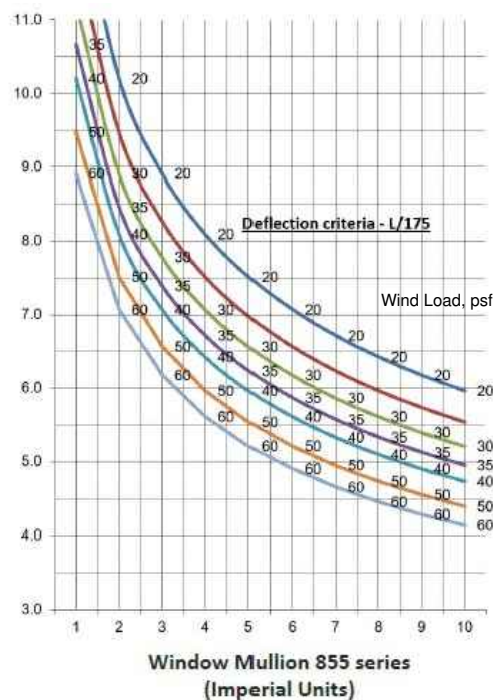
$I_{xx} = 0.848 \text{ in}^4$
 $S_{xx} = 0.451 \text{ in}^3$



855 Closed Back Mullion (Reinforced)

2 1/4" x 3 1/4" (57.2mm x 82.5mm)

$I_{xx} = 1.378 \text{ in}^4$
 $S_{xx} = 0.749 \text{ in}^3$

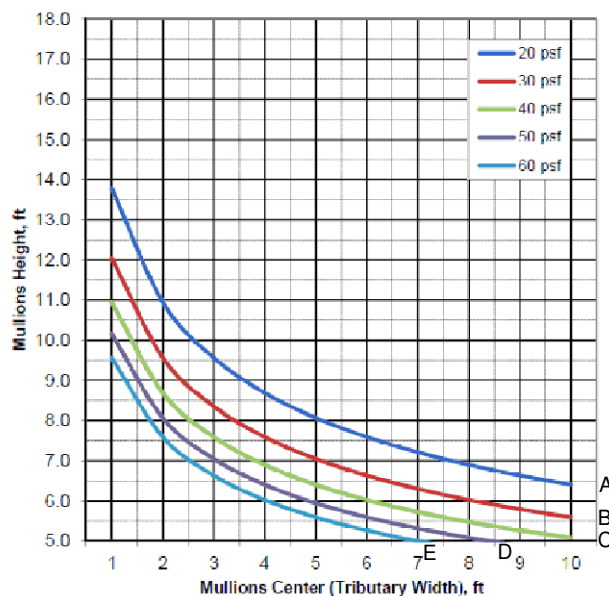


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855-875 SERIES

WIND LOAD CHARTS

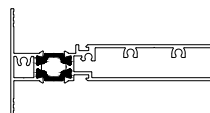


855 Closed Back Mullion

2 1/4" x 4 1/4" (57.2mm x 108mm)

$I_{xx} = 1.705 \text{ in}^4$
 $S_{xx} = 0.705 \text{ in}^3$

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

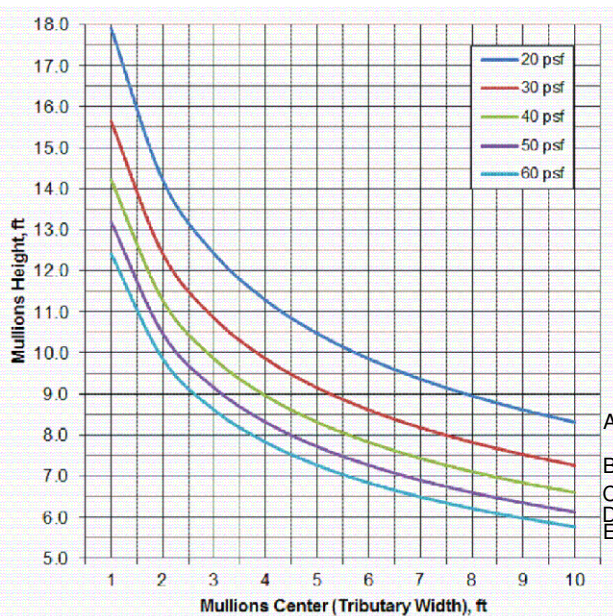
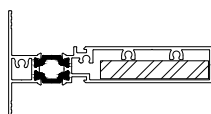


855 Closed Back Mullion (Reinforced)

2 1/4" x 4 1/4" (57.2mm x 108mm)

$I_{xx} = 3.734 \text{ in}^4$
 $S_{xx} = 1.368 \text{ in}^3$

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



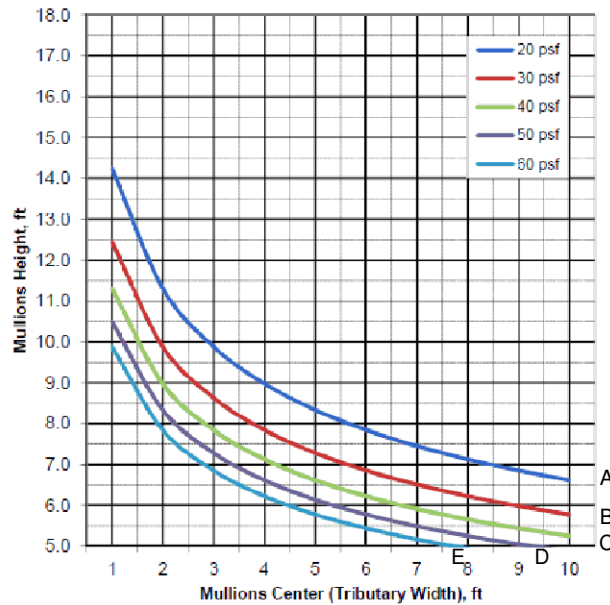
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WIND LOAD CHARTS

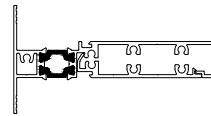


855 Coupling Mullion

2 1/4" x 4 1/4" (57.2mm x 108mm)

$I_{xx} = 1.880 \text{ in}^4$
 $S_{xx} = 0.810 \text{ in}^3$

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

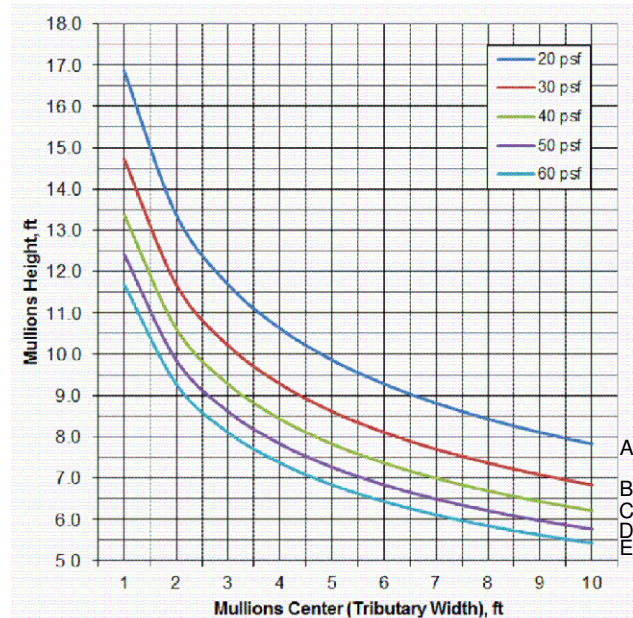
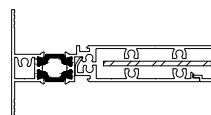


855 Coupling Mullion (Reinforced)

2 1/4" x 4 1/4" (57.2mm x 108mm)

$I_{xx} = 3.114 \text{ in}^4$
 $S_{xx} = 1.221 \text{ in}^3$

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

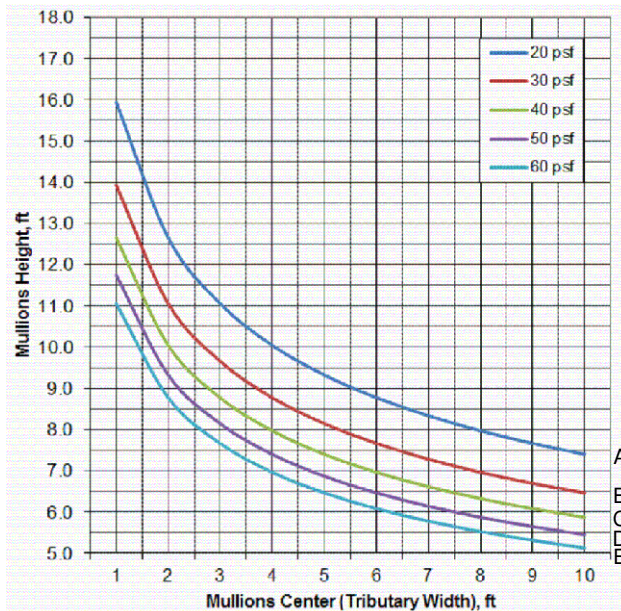


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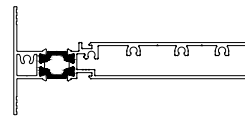


855 Closed Back Mullion

2 1/4" x 5" (57.2mm x 127mm)

$I_{xx} = 2.635 \text{ in}^4$
 $S_{xx} = 0.931 \text{ in}^3$

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

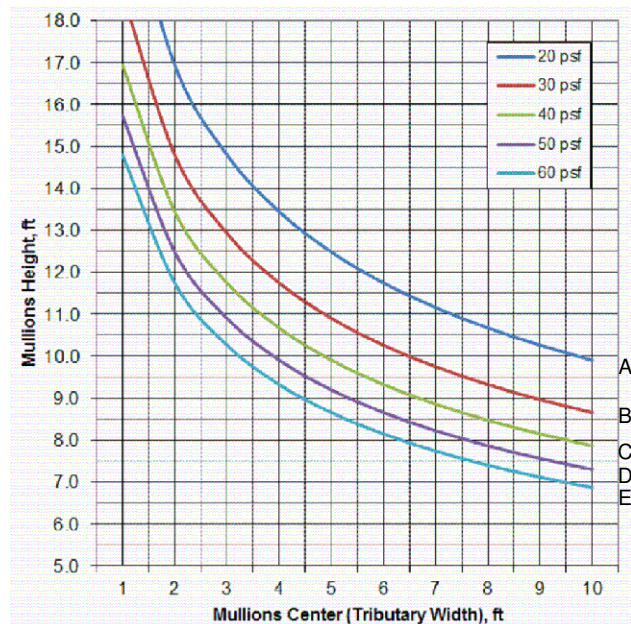
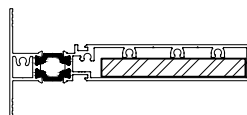


855 Closed Back Mullion (Reinforced)

2 1/4" x 5" (57.2mm x 127mm)

$I_{xx} = 6.321 \text{ in}^4$
 $S_{xx} = 2.013 \text{ in}^3$

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

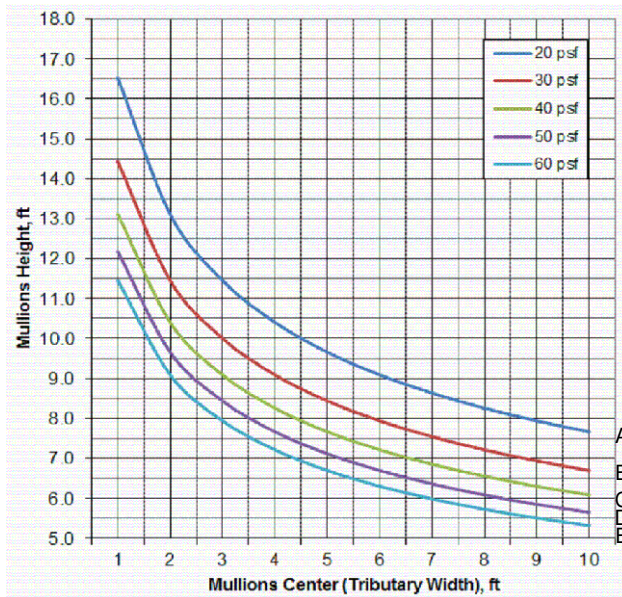


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WIND LOAD CHARTS

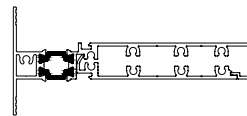


855 Coupling Mullion

2 1/4" x 5" (57.2mm x 127mm)

$I_{xx} = 2.928 \text{ in}^4$
 $S_{xx} = 1.077 \text{ in}^3$

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

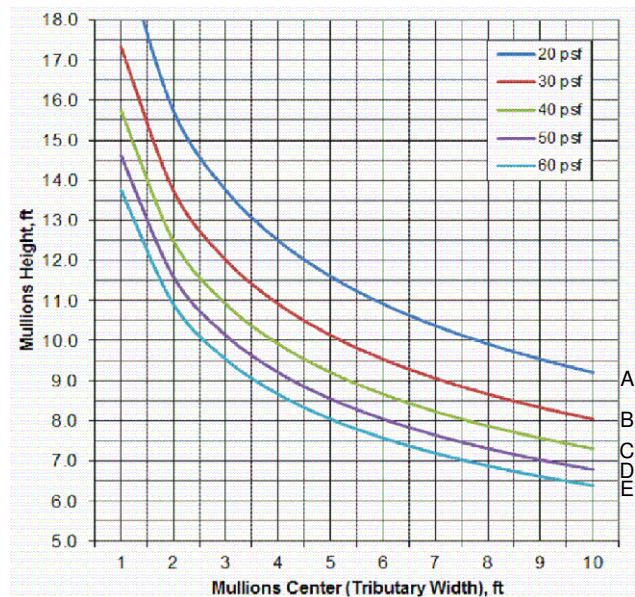
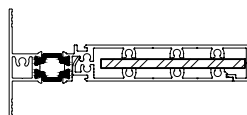


855 Coupling Mullion (Reinforced)

2 1/4" x 5" (57.2mm x 127mm)

$I_{xx} = 5.074 \text{ in}^4$
 $S_{xx} = 1.72 \text{ in}^3$

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

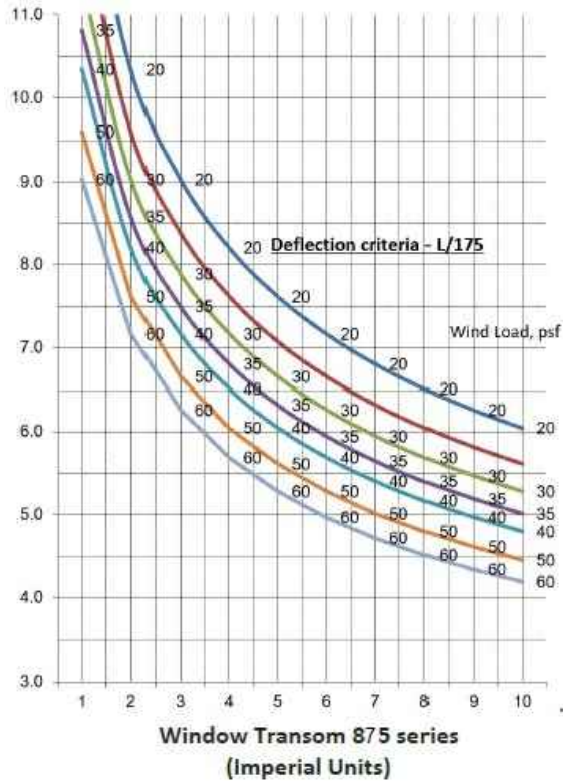


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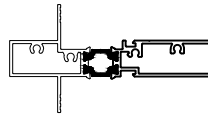
WIND LOAD CHARTS



875 Closed Back Mullion

2 1/4" x 4 1/4" (57.2mm x 107.9mm)

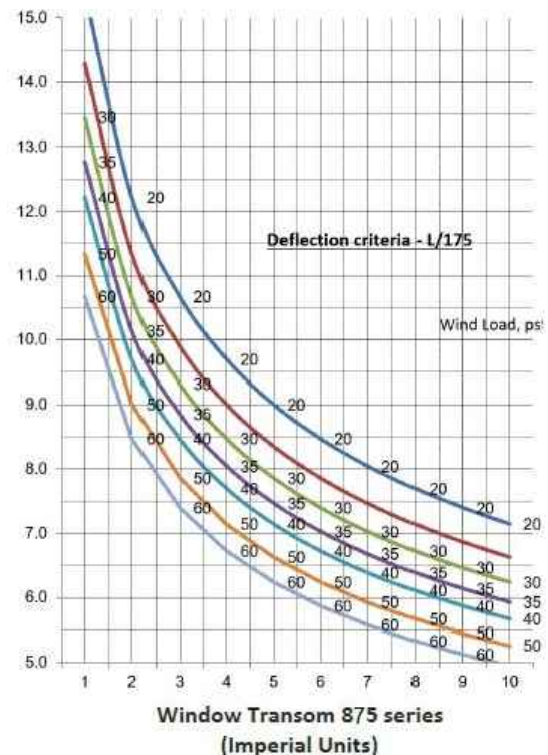
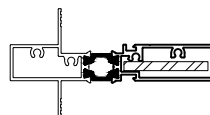
$I_{xx} = 1.435 \text{ in}^4$
 $S_{xx} = 0.635 \text{ in}^3$



875 Closed Back Mullion (Reinforced)

2 1/4" x 4 1/4" (57.2mm x 107.9mm)

$I_{xx} = 2.368 \text{ in}^4$
 $S_{xx} = 0.903 \text{ in}^3$

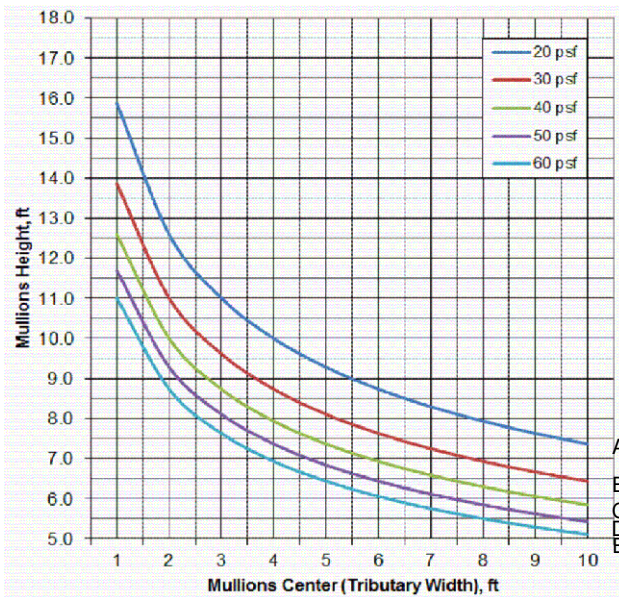


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WIND LOAD CHARTS

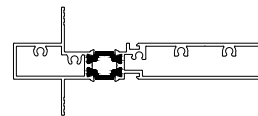


855 Closed Back Mullion

2 1/4" x 5 1/4" (57.2mm x 133.4mm)

$I_{xx} = 2.5955 \text{ in}^4$
 $S_{xx} = 0.920 \text{ in}^3$

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

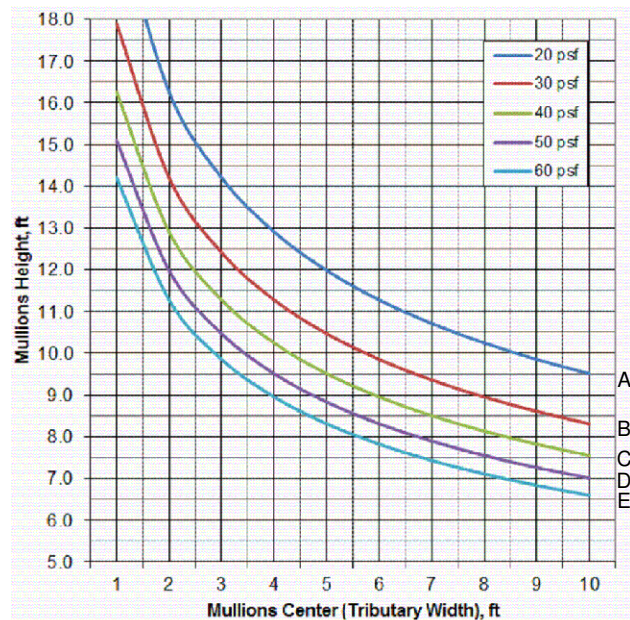
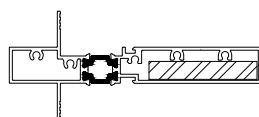


855 Closed Back Mullion (Reinforced)

2 1/4" x 5 1/4" (57.2mm x 133.4mm)

$I_{xx} = 5.59 \text{ in}^4$
 $S_{xx} = 1.566 \text{ in}^3$

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

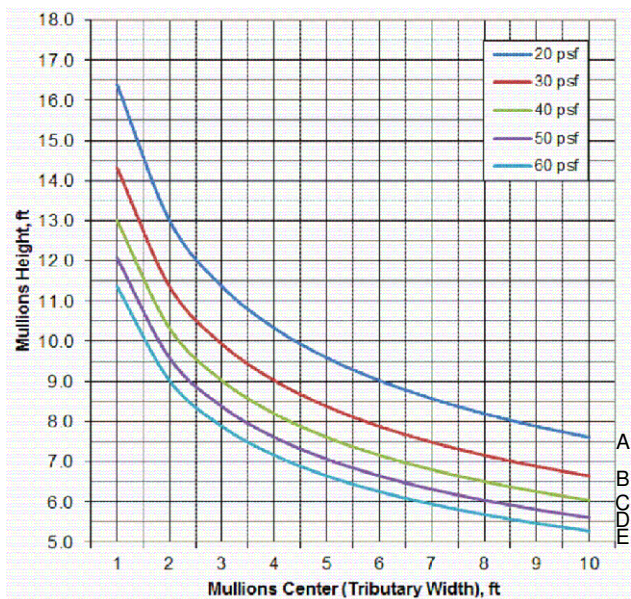


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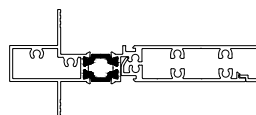


855 Coupling Mullion

2 1/4" x 5 1/4" (57.2mm x 133.4mm)

$I_{xx} = 2.862 \text{ in}^4$
 $S_{xx} = 1.064 \text{ in}^3$

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

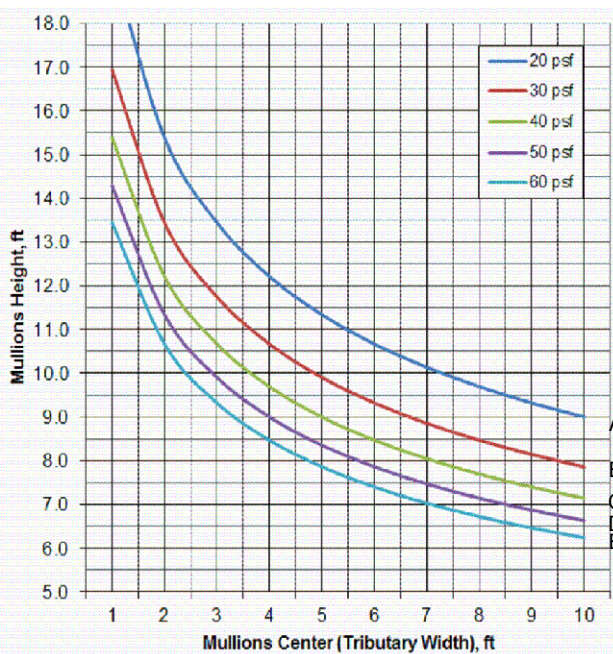
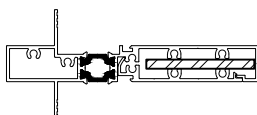


855 Coupling Mullion (Reinforced)

2 1/4" x 5 1/4" (57.2mm x 133.4mm)

$I_{xx} = 4.736 \text{ in}^4$
 $S_{xx} = 1.427 \text{ in}^3$

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

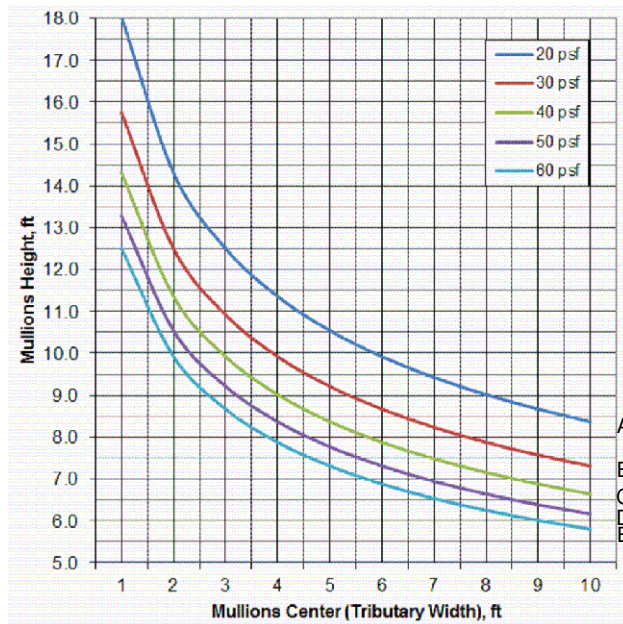


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APRIL 2024

855-875 SERIES

WIND LOAD CHARTS

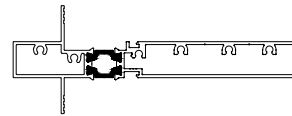


855 Closed Back Mullion

2 1/4" x 6" (57.2mm x 152.4mm)

$I_{xx} = 3.810 \text{ in}^4$
 $S_{xx} = 1.180 \text{ in}^3$

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

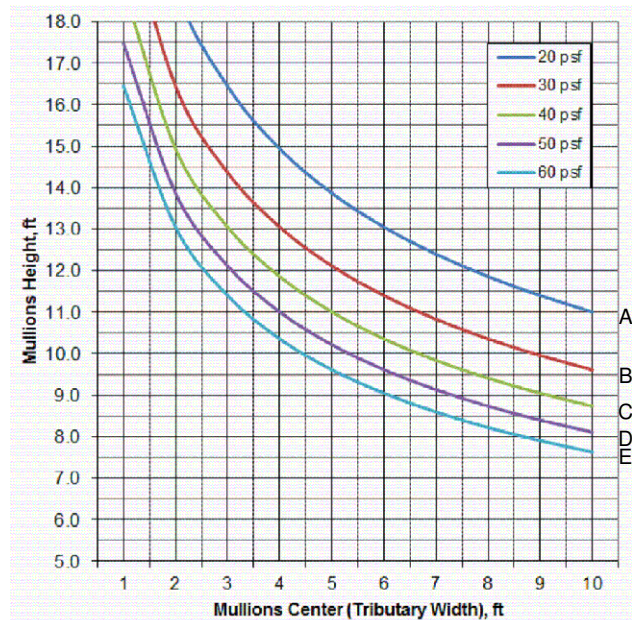
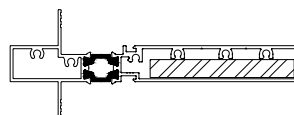


855 Closed Back Mullion (Reinforced)

2 1/4" x 6" (57.2mm x 152.4mm)

$I_{xx} = 8.665 \text{ in}^4$
 $S_{xx} = 2.172 \text{ in}^3$

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

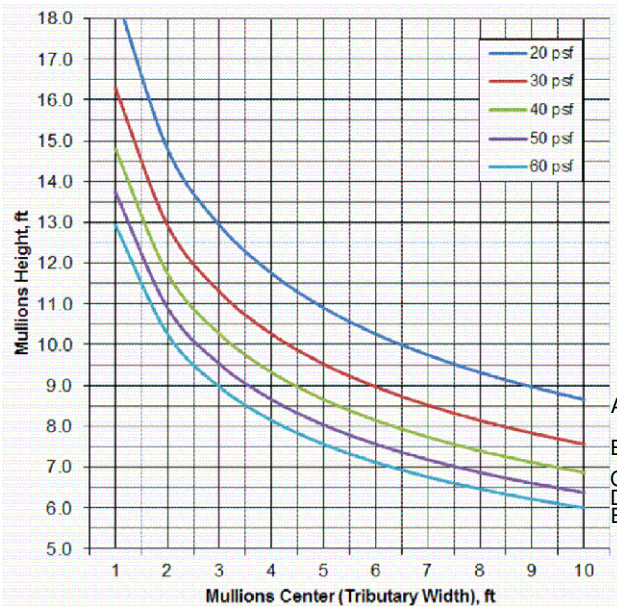


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855-875 SERIES

WIND LOAD CHARTS

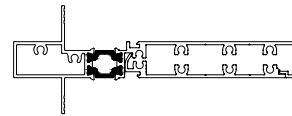


855 Coupling Mullion

2 1/4" x 6" (57.2mm x 152.4mm)

$I_{xx} = 4.214 \text{ in}^4$
 $S_{xx} = 1.364 \text{ in}^3$

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

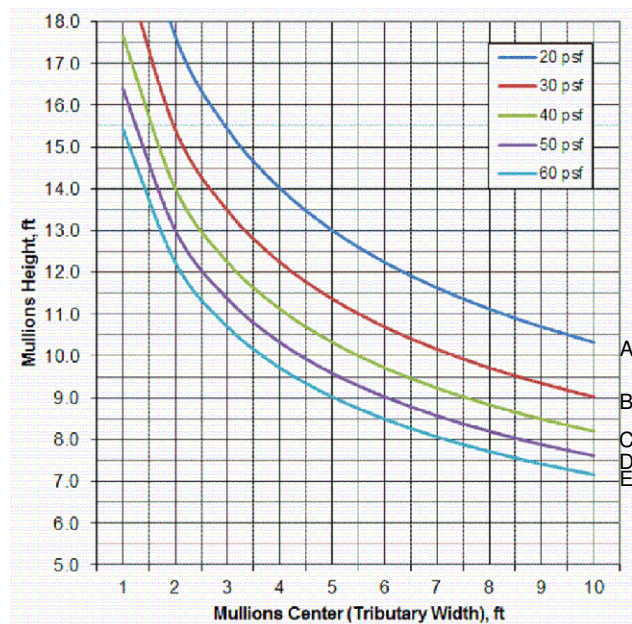
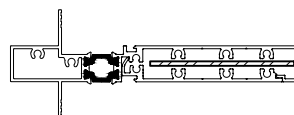


855 Coupling Mullion (Reinforced)

2 1/4" x 6" (57.2mm x 152.4mm)

$I_{xx} = 7.154 \text{ in}^4$
 $S_{xx} = 1.908 \text{ in}^3$

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



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855-875 SERIES

THERMAL CHARTS

U-cog	U-Product 855 875 Series Dbl		
	Aluminum Spacer	Stainless Steel Spacer	Non-Metal Spacer
0.18	0.31	0.29	0.26
0.20	0.32	0.31	0.28
0.22	0.34	0.32	0.30
0.24	0.36	0.34	0.32
0.26	0.37	0.36	0.33
0.28	0.39	0.38	0.35
0.30	0.41	0.39	0.37
0.32	0.43	0.41	0.39
0.34	0.44	0.43	0.40
0.36	0.46	0.44	0.42
0.38	0.48	0.46	0.44
0.40	0.49	0.48	0.46
0.42	0.51	0.50	0.47
0.44	0.53	0.51	0.49
0.46	0.54	0.53	0.51
0.48	0.56	0.55	0.53

U-cog	U-Product 855 875 Series Tpl		
	Aluminum Spacer	Stainless Steel Spacer	Non-Metal Spacer
0.10	0.23	0.22	0.20
0.12	0.25	0.23	0.21
0.14	0.27	0.25	0.23
0.16	0.28	0.27	0.25
0.18	0.30	0.28	0.27
0.20	0.32	0.30	0.28
0.22	0.33	0.32	0.30
0.24	0.35	0.34	0.32
0.26	0.37	0.35	0.34
0.28	0.38	0.37	0.35
0.30	0.40	0.39	0.37

855 875 Window Wall (Dbl and Tpl)	
SHGC-cog	SHGC-Product
0.050	0.051
0.100	0.096
0.150	0.141
0.200	0.186
0.250	0.230
0.300	0.275
0.350	0.320
0.400	0.365
0.450	0.410
0.500	0.454
0.550	0.499
0.600	0.544
0.650	0.589
0.700	0.634
0.750	0.679

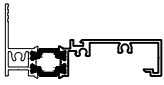
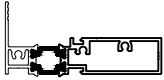
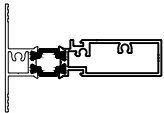
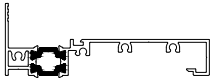
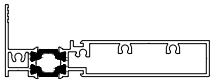
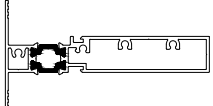
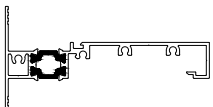
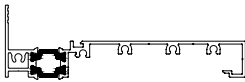
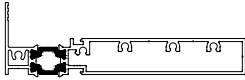
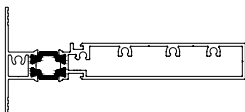
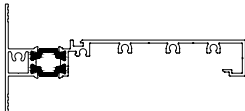


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855-875 SERIES

855 SERIES PARTS LIST

Part Number	Description	Profile
WA-85515	$\frac{3}{4}$ x $3\frac{1}{4}$ " (19 x 82.5mm) Open Back Perimeter	
WA-85516	$\frac{3}{4}$ x $3\frac{1}{4}$ " (19 x 82.5mm) Closed Back Perimeter	
WA-85517	$\frac{3}{4}$ x $3\frac{1}{4}$ " (19 x 82.5mm) Mullion	
WA-85501	$\frac{3}{4}$ x $4\frac{1}{4}$ " (19 x 108mm) Open Back Perimeter	
WA-85502	$\frac{3}{4}$ x $4\frac{1}{4}$ " (19 x 108mm) Close Back Perimeter	
WA-85503	$\frac{3}{4}$ x $4\frac{1}{4}$ " (19 x 108mm) Mullion	
WA-85504	$\frac{3}{4}$ x $4\frac{1}{4}$ " (19 x 108mm) Male Coupling Mullion	
WA-85511	$\frac{3}{4}$ x 5" (19 x 127mm) Open Back Perimeter	
WA-85512	$\frac{3}{4}$ x 5" (19 x 127mm) Close Back Perimeter	
WA-85513	$\frac{3}{4}$ x 5" (19 x 127mm) Mullion	
WA-85514	$\frac{3}{4}$ x 5" (19 x 127mm) Male Coupling Mullion	

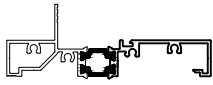
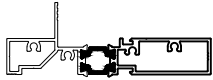
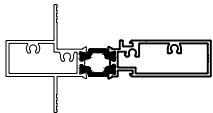
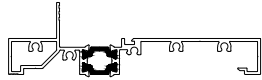
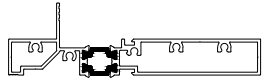
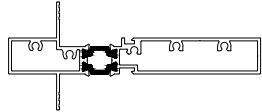
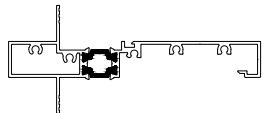
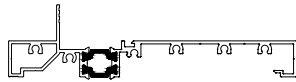
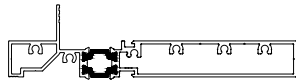
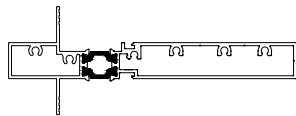
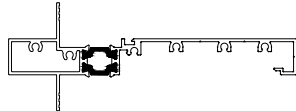


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APRIL 2024

855-875 SERIES

875 SERIES PARTS LIST

Part Number	Description	Profile
WA-87515	$\frac{3}{4}$ x $4\frac{1}{4}$ " (19 x 107.9mm) Open Back Perimeter	
WA-87516	$\frac{3}{4}$ x $4\frac{1}{4}$ " (19 x 107.9mm) Closed Back Perimeter	
WA-87517	$\frac{3}{4}$ x $4\frac{1}{4}$ " (19 x 107.9mm) Mullion	
WA-87501	$\frac{3}{4}$ x $5\frac{1}{4}$ " (19 X 133.4mm) Open Back Perimeter	
WA-87502	$\frac{3}{4}$ x $5\frac{1}{4}$ " (19 X 133.4mm) Close Back Perimeter	
WA-87503	$\frac{3}{4}$ x $5\frac{1}{4}$ " (19 X 133.4mm) Mullion	
WA-87504	$\frac{3}{4}$ x $5\frac{1}{4}$ " (19 X 133.4mm) Male Coupling Mullion	
WA-87511	$\frac{3}{4}$ x 6" (19 X 152.4mm) Open Back Perimeter	
WA-87512	$\frac{3}{4}$ x 6" (19 X 152.4mm) Close Back Perimeter	
WA-87513	$\frac{3}{4}$ x 6" (19 X 152.4mm) Mullion	
WA-87514	$\frac{3}{4}$ x 6" (19 X 152.4mm) Male Coupling Mullion	

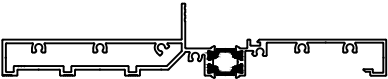
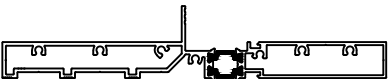
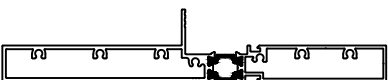
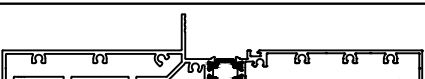
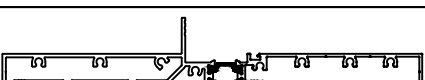
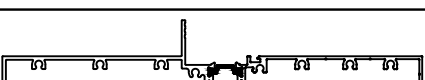
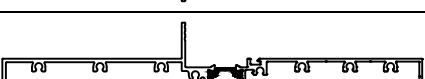


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855-875 SERIES

875 SERIES PARTS LIST

Part Number	Description	Profile
WA-87516	$\frac{3}{4}$ x 8" (19 X 203.2mm) Open Back Perimeter	
WA-87517	$\frac{3}{4}$ x 8" (19 X 203.2mm) Close Back Perimeter	
WA-87518	$\frac{3}{4}$ x 8" (19 X 203.2mm) Mullion	
WA-87519	$\frac{3}{4}$ x 8" (19 X 203.2mm) Male Coupling Mullion	
WA-87520	$\frac{3}{4}$ x 8 $\frac{3}{4}$ " (19 X 222.3mm) Open Back Perimeter	
WA-87521	$\frac{3}{4}$ x 8 $\frac{3}{4}$ " (19 X 222.3mm) Close Back Perimeter	
WA-87522	$\frac{3}{4}$ x 8 $\frac{3}{4}$ " (19 X 222.3mm) Mullion	
WA-87523	$\frac{3}{4}$ x 8 $\frac{3}{4}$ " (19 X 222.3mm) Male Coupling Mullion	

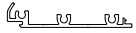
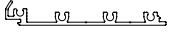
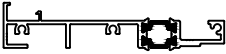
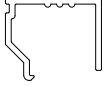


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855-875 SERIES

855-875 SERIES PARTS LIST

Part Number	Description	Profile
W-85003	Female Coupling For 4 $\frac{1}{4}$ " & 5 $\frac{1}{4}$ "	
W-85013	Female Coupling For 5" & 6"	
WA-85506	Sill Track (DG) (Please inquire for other sizes)	
W-82063	Glass Stop	
T-0035	Cap for Miscellaneous Glazing Depth ($\frac{7}{8}$ x $\frac{7}{8}$ ")	
W-85016	Base for Miscellaneous Glazing Depth ($\frac{7}{8}$ x $\frac{7}{8}$ ")	

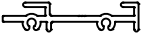


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855-875 SERIES

855-875 SERIES PARTS LIST

Part Number	Description	Profile
H-85501	PVC Glazing Support (DG)	 5" PIECES
H-85502	855-875 Shear Block	
R-60001	Wedge Gasket	
R-92010	Glazing Gasket	
R-00003	$\frac{1}{8}$ " Polyshim Tape	
H-00049	#8 X $\frac{5}{8}$ " Flat-Head Screw (Horizontal to Shear Block)	
H-00001	#8 X 1" Pan-Head Screw (Screw Chase)	
H-00037	#8 X 1 $\frac{1}{2}$ " Pan-Head Screw (Shear Block to Mullion)	
H-00120	E.P.D.M. Setting Block ($\frac{1}{4}$ x 1 $\frac{1}{8}$ x 5")	
H-00121	E.P.D.M. Setting Block ($\frac{1}{4}$ x 1 $\frac{7}{8}$ x 5")	



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