

655 SERIES

HIGH THERMAL PERFORMANCE FLUSH GLAZE SYSTEM

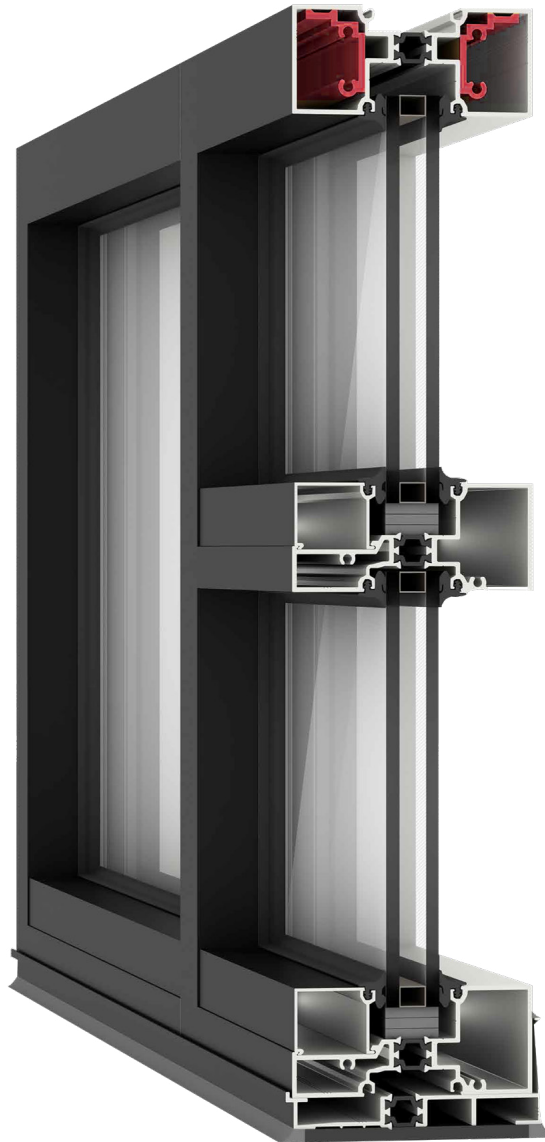


FEATURES

- High performance thermal break
- Integrated drainage
- Exterior glazed
- Accommodates 1", 1/2" & 1/4" glass infill
- 4 1/2"
- 2" system depth
- Dry glazing
- Compatible with a variety of Windspec doors and operable windows
- Available in anodized and painted finishes

PERFORMANCE

- U values as low as 0.30 (1" glazing)
- NAFS: Class CW-PG60
- A440- A3, C5, B7
- I-62 - Double glaze



BENEFITS

The 655 Series enhances the popular flush glazing system by increasing its thermal performance. By utilizing an advanced glass-reinforced nylon thermal break, the 655 Series raises our traditional flush glazing to a new standard. Its simplicity as a stick-build system is easy to assemble and install, allowing for increase job site efficiencies.



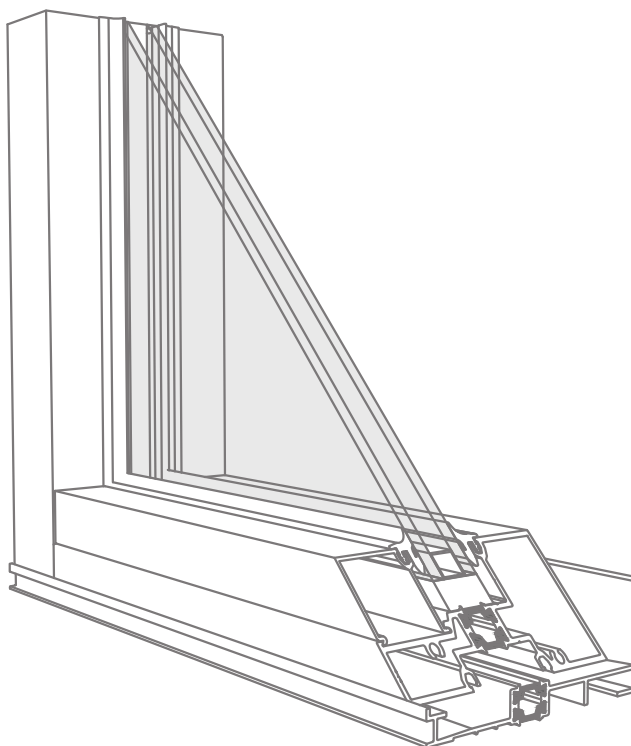
ADAPT | INNOVATE | DELIVER

655 SERIES

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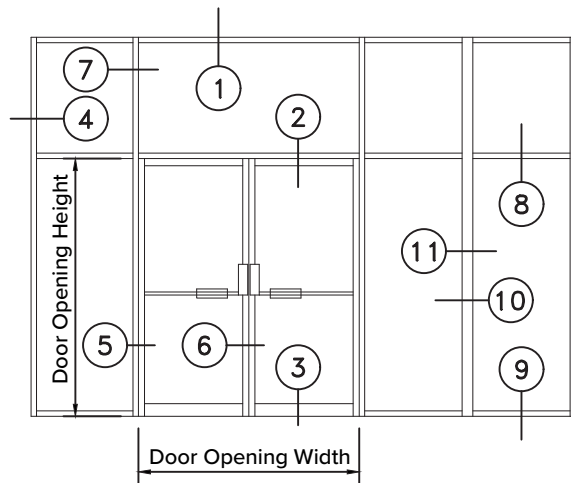


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TYPICAL DETAILS WITH STANDARD COMMERCIAL DOOR

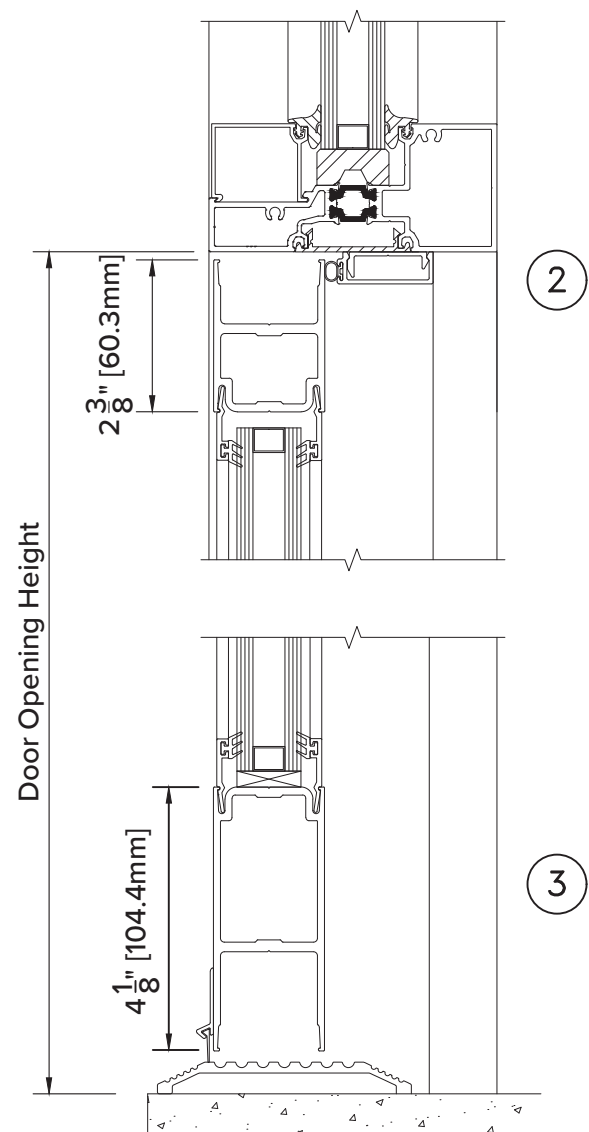
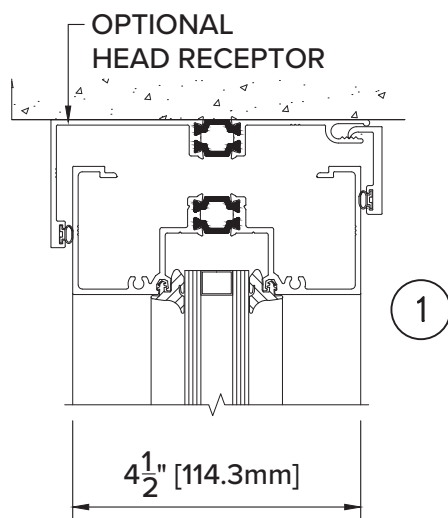


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ELEVATION

PLAN

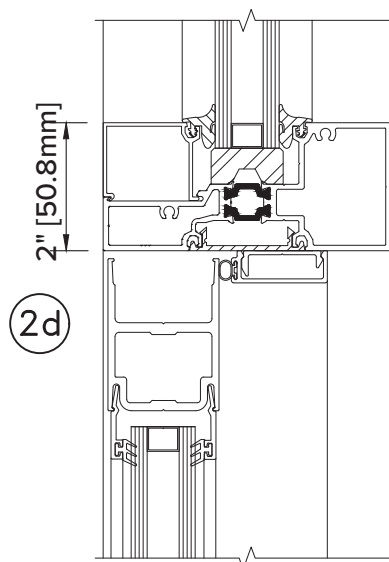
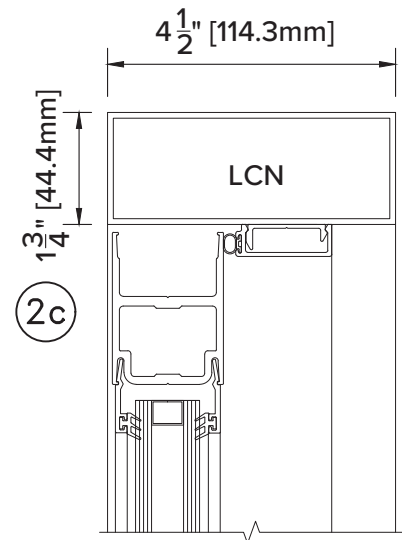
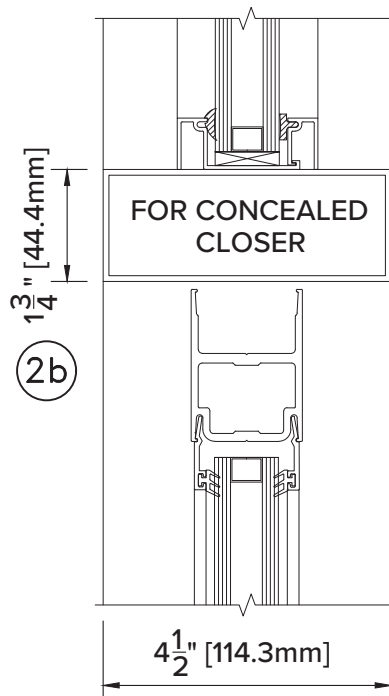
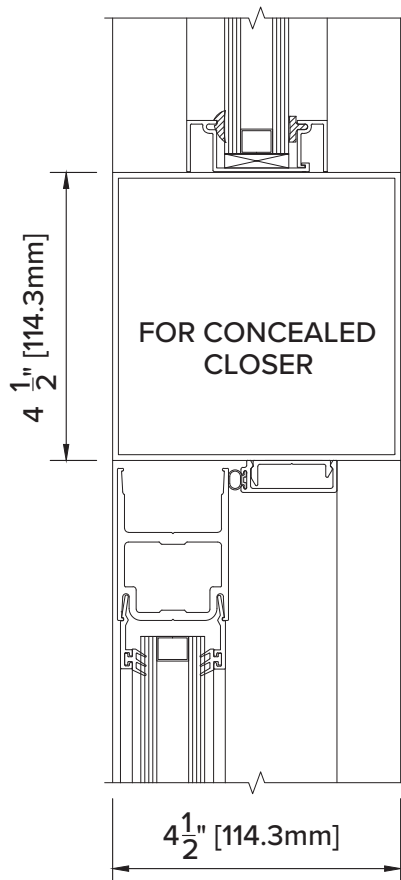


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TYPICAL DETAILS WITH STANDARD COMMERCIAL DOOR



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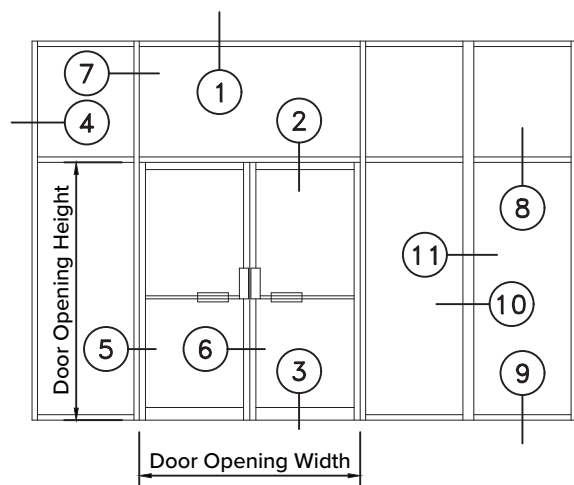


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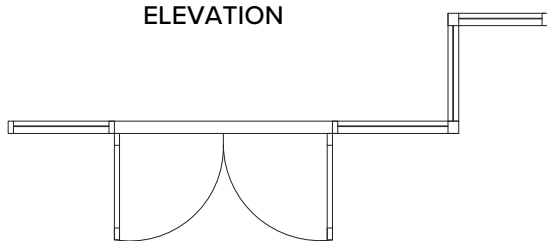
TYPICAL DETAILS



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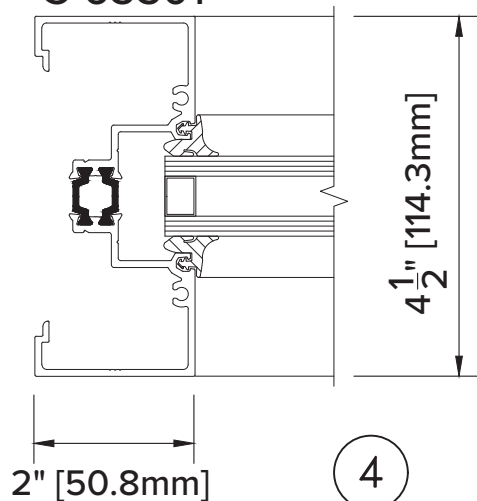


ELEVATION

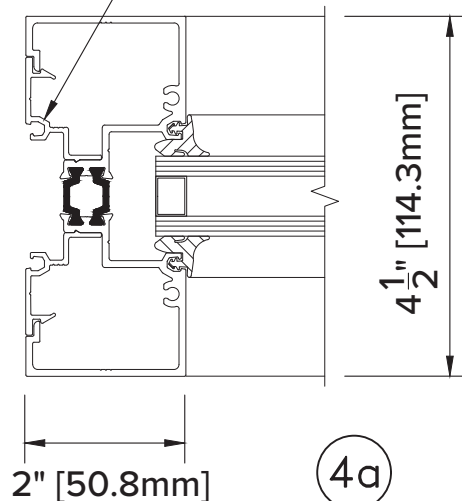


PLAN

C-65501



OPT. CLOSE BACK
FOR SHIMMING

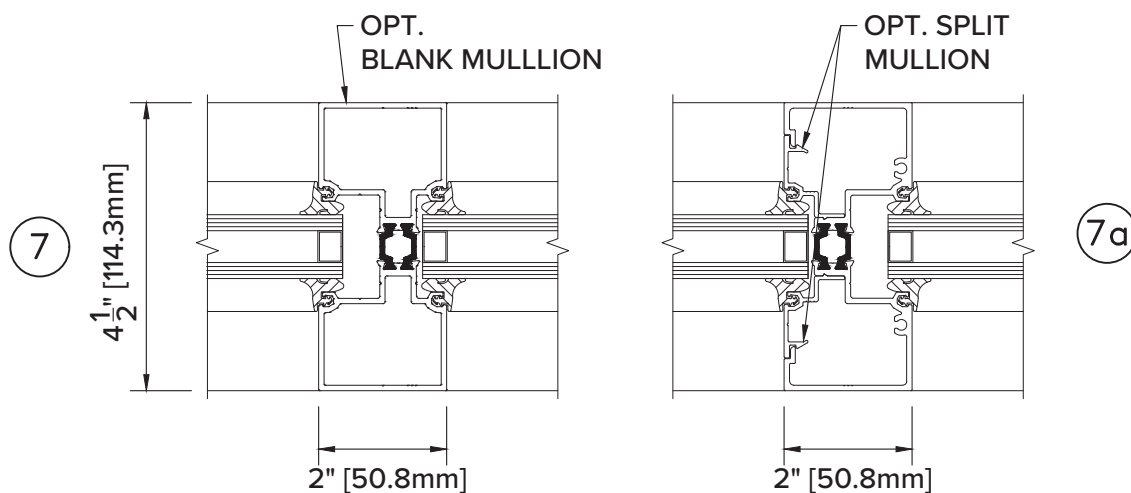
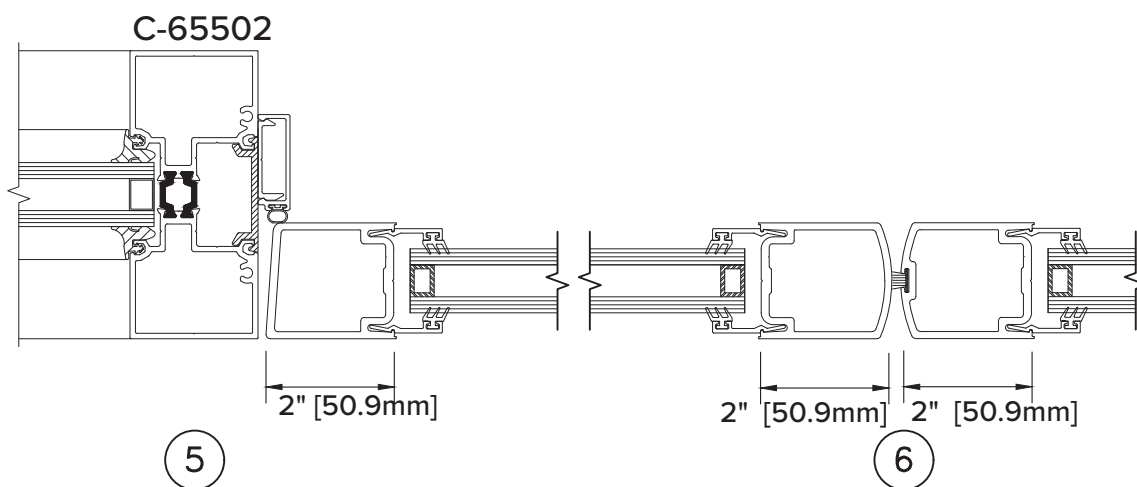


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TYPICAL DETAILS



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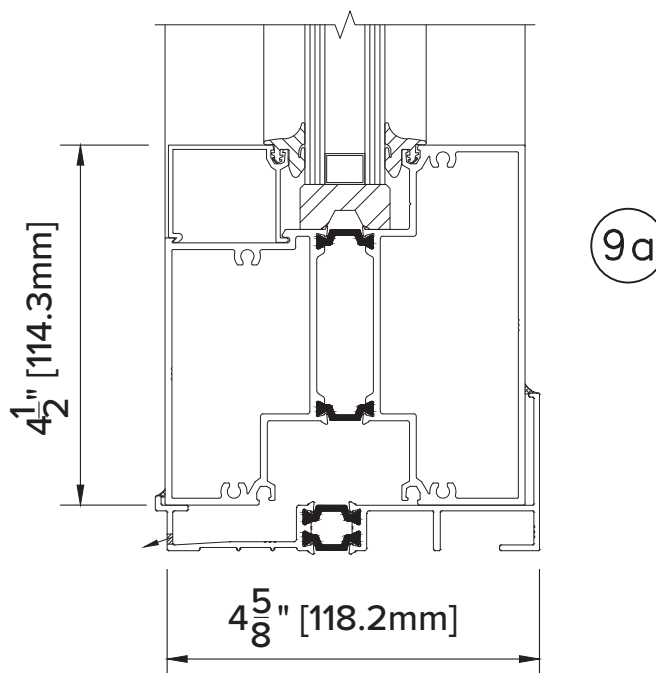
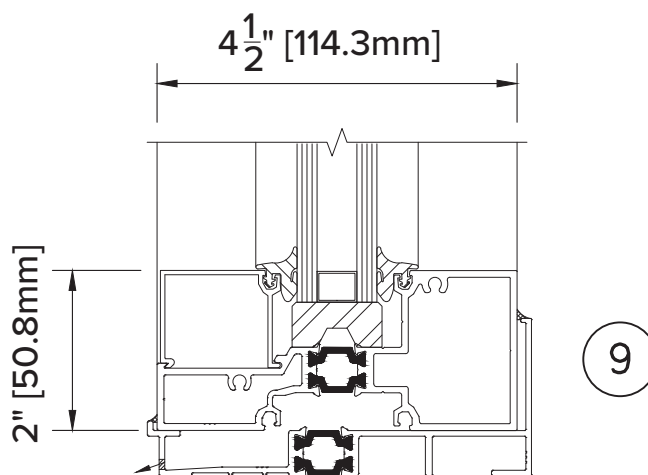
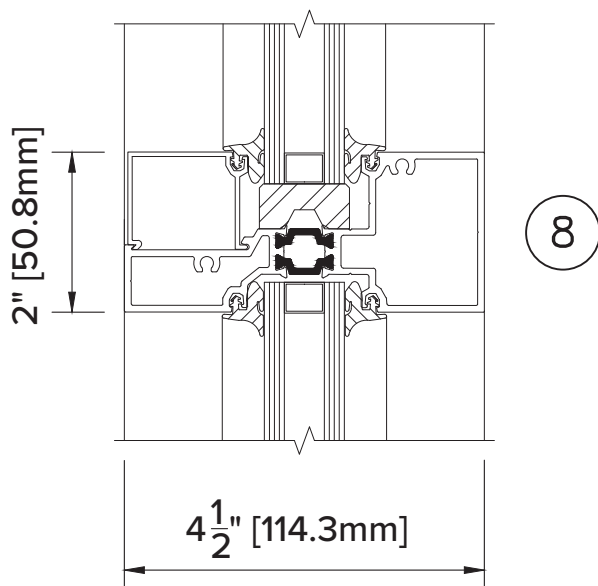


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TYPICAL DETAILS



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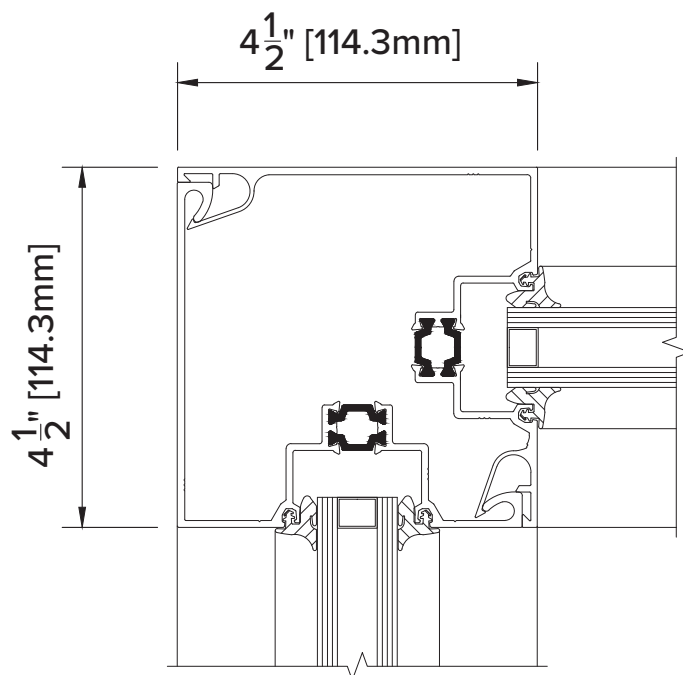


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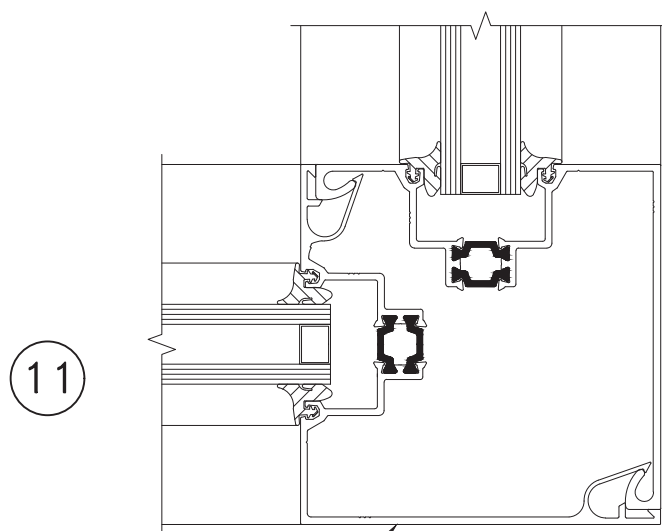
TYPICAL DETAILS



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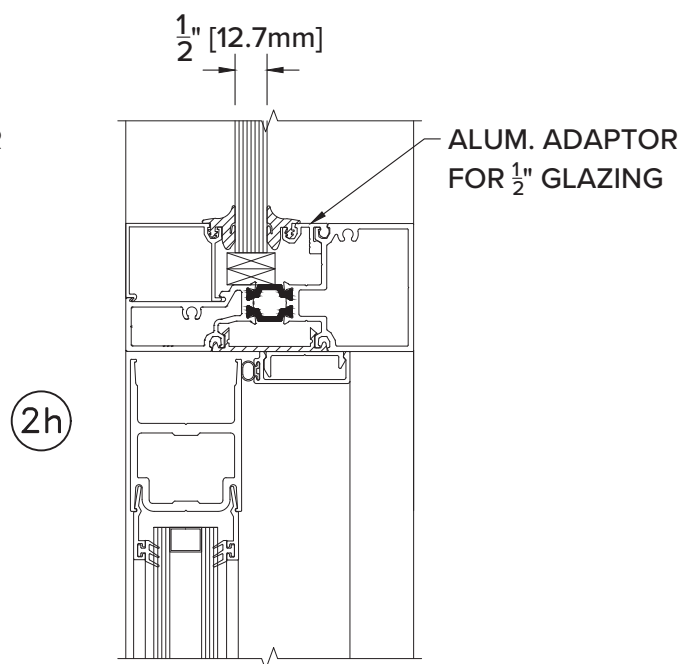
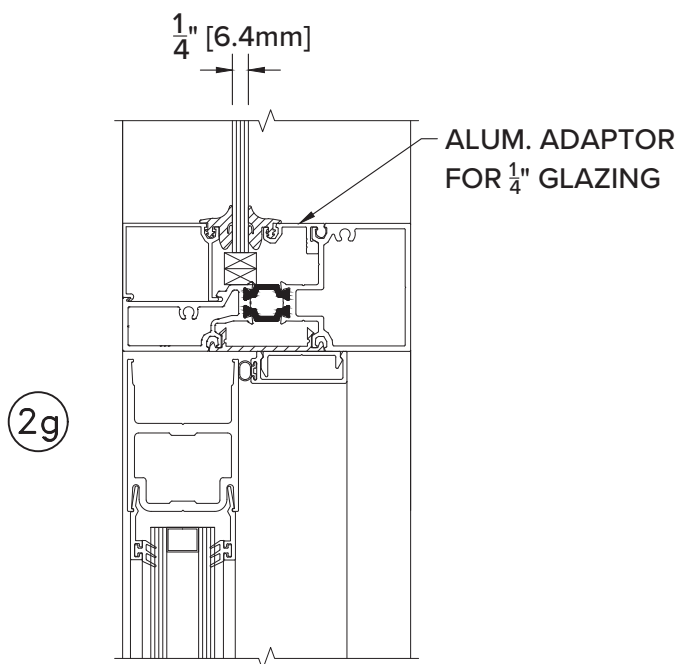
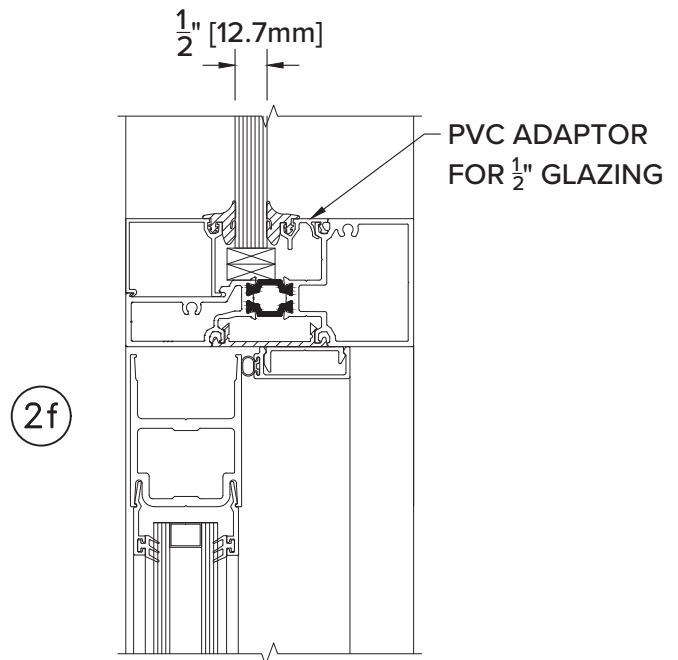
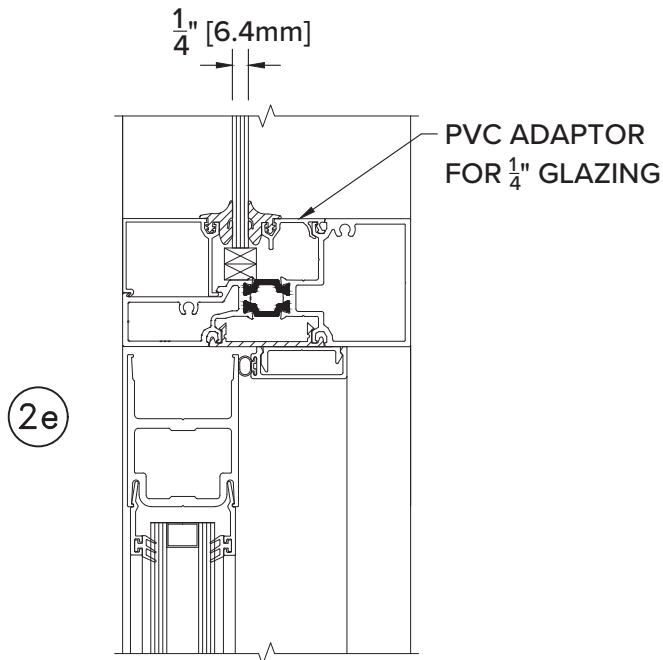
90° Corner
Option

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PVC SINGLE ADAPTORS AND ALUMINUM SLIDE IN ADAPTORS



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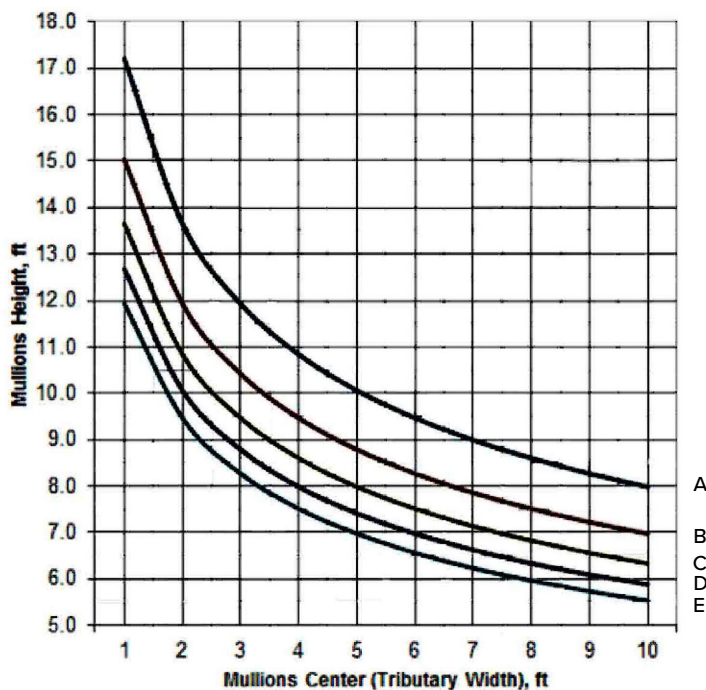


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WIND LOAD CHARTS



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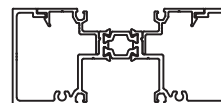


655 Split Mullion

2 x 4 $\frac{1}{2}$ "
(50.8mmx114.3mm)
double glazed

$I_{xx} = 3.306 \text{ in}^4$
 $S_{xx} = 1.469 \text{ in}^3$

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

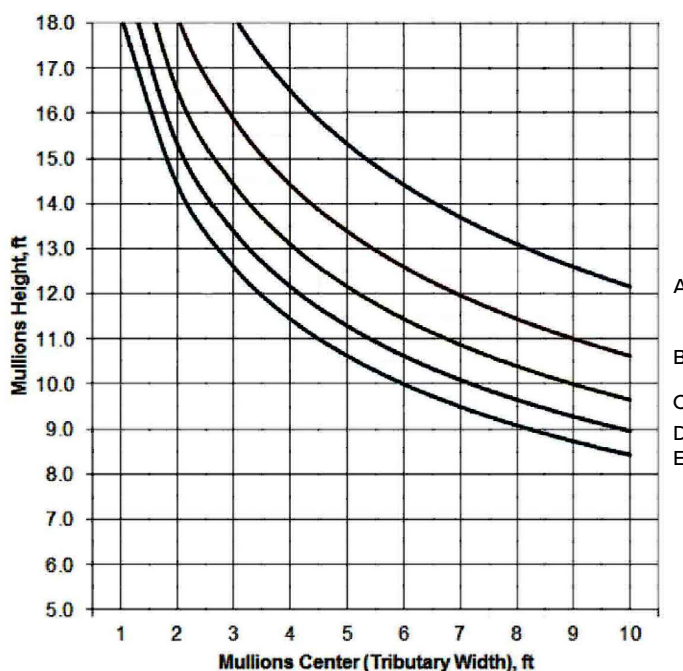
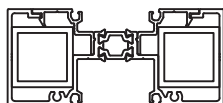


655 Split Mullion (Reinforced)

2 x 4 $\frac{1}{2}$ "
(50.8mmx114.3mm)
double glazed

$I_{xx} = 11.678 \text{ in}^4$
 $S_{xx} = 5.190 \text{ in}^3$

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

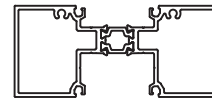
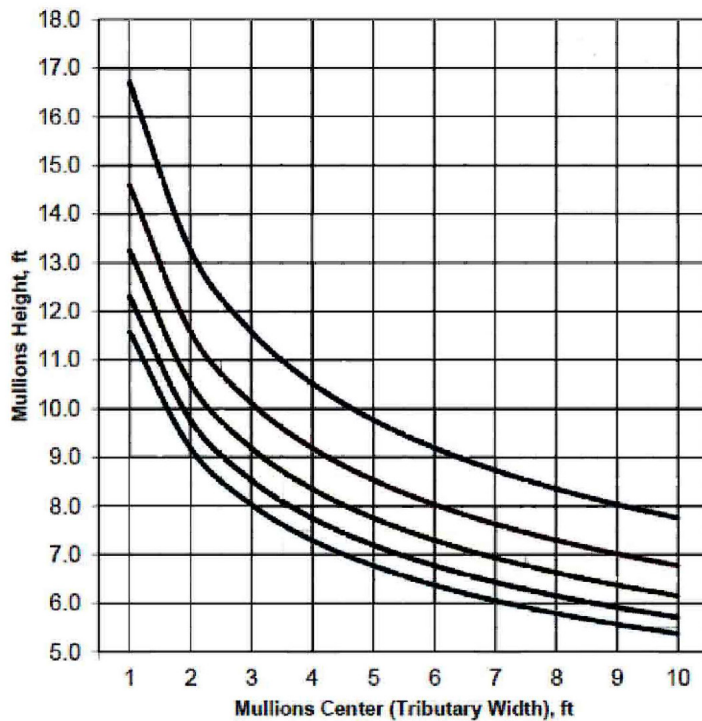


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WIND LOAD CHARTS



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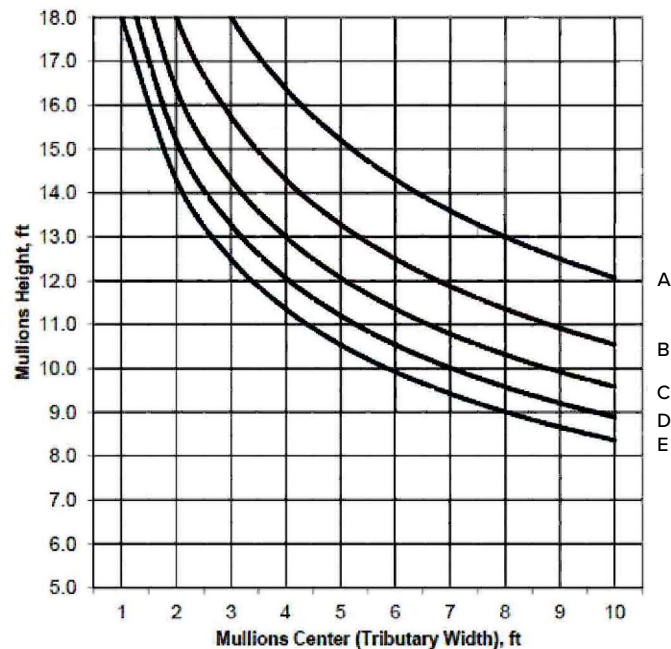
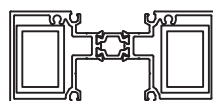


655 Mullion (Reinforced)

2 x 4 1/2" (50.8mmx114.3mm)
double glazed

$I_{xx} = 11.41$ in
 $S_{xx} = 5.071$ in

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



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THERMAL CHARTS



PAGE 12

U-cog	U-Product 655 Window Wall Dbl		
	Aluminum Spacer	Stainless Steel Spacer	Non-Metal Spacer
0.18	0.28	0.27	0.26
0.20	0.30	0.29	0.27
0.22	0.32	0.31	0.29
0.24	0.34	0.33	0.31
0.26	0.35	0.34	0.33
0.28	0.37	0.36	0.34
0.30	0.39	0.38	0.36
0.32	0.40	0.39	0.38
0.34	0.42	0.41	0.39
0.36	0.44	0.43	0.41
0.38	0.45	0.44	0.43
0.40	0.47	0.46	0.44
0.42	0.49	0.48	0.46
0.44	0.50	0.49	0.48
0.46	0.52	0.51	0.50
0.48	0.54	0.53	0.51

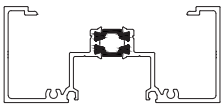
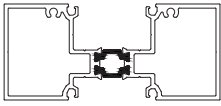
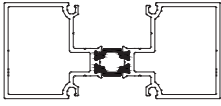
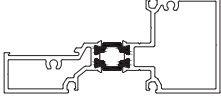
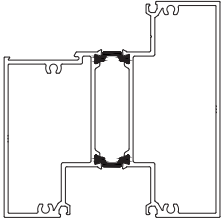
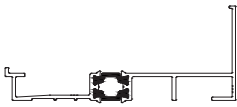
655 Window Wall Double-Glazed	
SHGC-cog	SHGC-Product
0.05	0.05
0.10	0.10
0.15	0.14
0.20	0.18
0.25	0.23
0.30	0.27
0.35	0.32
0.40	0.36
0.45	0.40
0.50	0.45
0.55	0.49
0.60	0.54
0.65	0.58
0.70	0.62
0.75	0.67

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PARTS LIST



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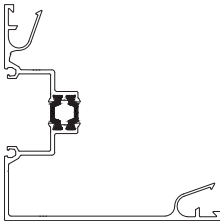
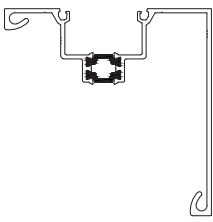
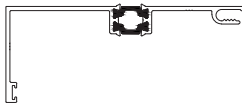
Part Number	Description	Profile
CA-65501	2 x 4 $\frac{1}{2}$ " (50.8mmx114.3mm) Open Back Perimeter	 SCALE 1:1
CA-65502	2 x 4 $\frac{1}{2}$ " (50.8mmx114.3mm) 655 Mullion	 SCALE 1:1
CA-65514	2 x 4 $\frac{1}{2}$ " (50.8mmx114.3mm) 655 Blank Mullion	 SCALE 1:1
CA-65503	2 x 4 $\frac{1}{2}$ " (50.8mmx114.3mm) Horizontal Sill	 SCALE 1:1
C-65004	1" Sealed Unit Glazing Stop	 SCALE 1:1
CA-65510	655 4 $\frac{1}{2}$ " Sill / Horizontal	 SCALE 1:1
CA-65505	Sill Track	 SCALE 1:1

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PARTS LIST



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Part Number	Description	Profile
CA-65008	Male Half Corner Mullion $4\frac{1}{2}" \times 4\frac{1}{2}"$	
CA-65009	Female Half Corner Mullion $4\frac{1}{2}" \times 4\frac{1}{2}"$	
CA-65512	Head Receptor	
C-65013	Head Receptor Glazing Stop	
C-65006	$\frac{1}{2}"$ Door Stop Cap	
C-65007	$\frac{5}{8}"$ Door Stop Cap	
C-45010	Door Stop Base	

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PARTS LIST



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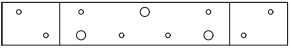
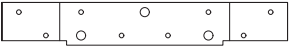
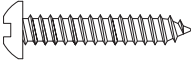
Part Number	Description	Profile
C-65016	Aluminium Pocket Filler	
R-65001	P.V.C. Mullion Filler Adaptor	
C-65511	Mullion Filler Adaptor	
R-65501	PVC Single Adaptor 1/4" Glazing - Black	
R-65501-2	PVC Single Adaptor 1/4" Glazing - Grey	
R-65502	PVC Single Adaptor 1/2" Glazing - Black	
R-65502-2	PVC Single Adaptor 1/2" Glazing - Grey	

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PARTS LIST



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Part Number	Description	Profile
C-65518	Alum. Single Adaptor 1/4" Glazing	
C-65517	Alum. Single Adaptor 1/2" Glazing	
H-65001	Shear Block Mullion	
H-65002	Large Shear Block Sill	
HD-55007	Back Up Plates for Butt Hinges	
HD-55008	Back Up Plates for Butt Hinges	
H-00002	#8 x 2" Assembly Screw	
H-00003	#10-24 x $\frac{3}{8}$ " Fabrication Screw S.S.	

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PARTS LIST



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Part Number	Description	Profile
H-65011	Setting Block	
R-65002	Glazing Spline for $\frac{1}{4}$ " & 1" Glazing	
R-65003	Oversize Glazing Spline for $\frac{7}{8}$ " Glazing	
R-65004	Glazing Spline for $\frac{3}{8}$ " Glazing	
R-65005	Glazing Spline for $\frac{1}{2}$ " Glazing	
R-60187	Weatherstrip	
R-60188	Bulb Rubber	