

5500 C.W. SERIES

CURTAIN WALL



OVERVIEW

- 2 1/2" Slim sight line
- 1 1/8", 2 7/8", 3 5/8", 4", 5 1/4", 6 5/8" and 8" mullion depths
- Custom depths available upon request
- Stick-built system
- Dry or wet glaze options
- Standard 1" infill
- 1/4" infill with adaptors

PERFORMANCE

- A440-A3,C5,B7
- NAFS.AW-PG70



COMPATIBILITY

Compatible with all Windspec Doors:

- HTP doors (high thermal performance)
- Standard Commercial doors
- Exposed and Flush door adapters available

Compatible with most Windspec operable windows:

- 535 projecting vents (Awning, Hopper, Casement)
- 575 frameless projecting vents (Awning, Casement)
- 720 side slider
- 740 single and double hung
- 3-1/4" louver system
- 2-1/4" bypass louver system

ADAPT | INNOVATE | DELIVER

5500 C.W. SERIES



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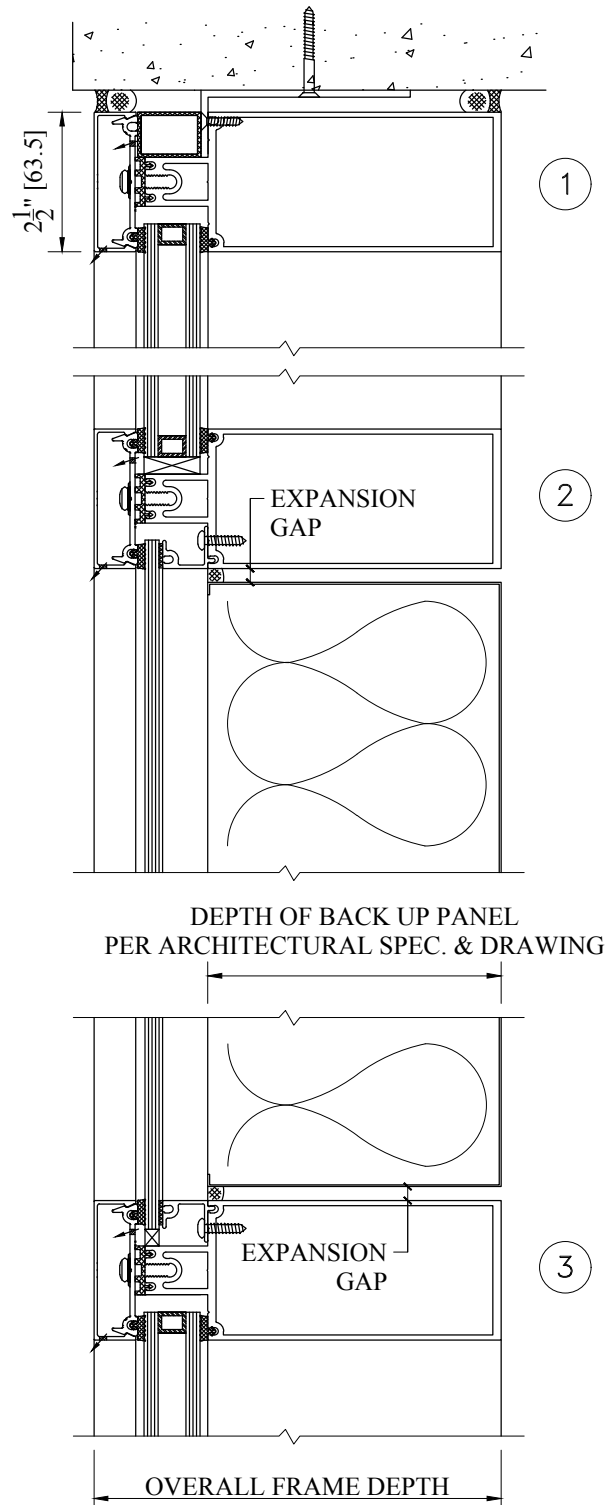
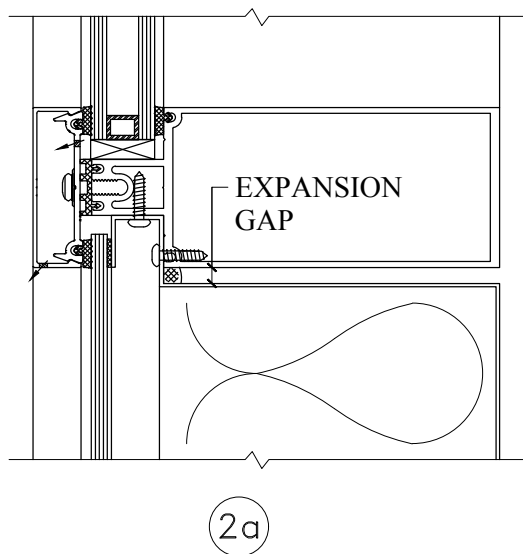
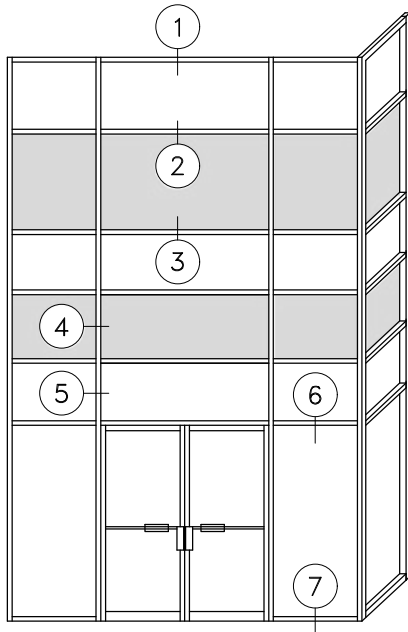
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TYPICAL DETAILS



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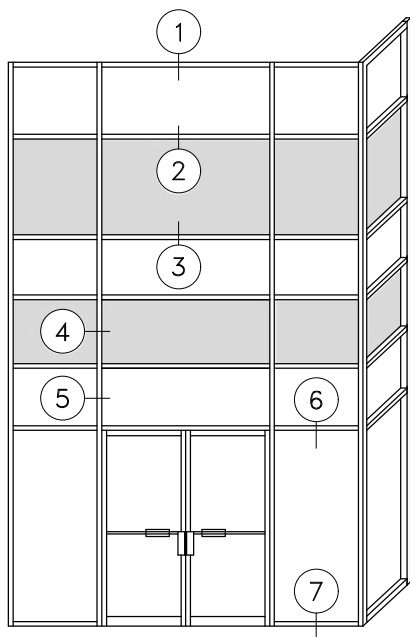


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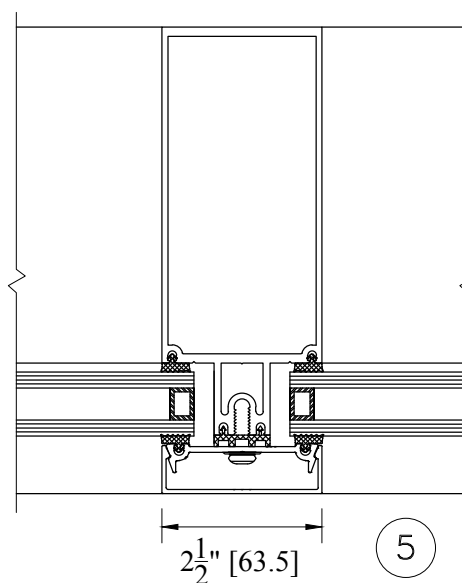
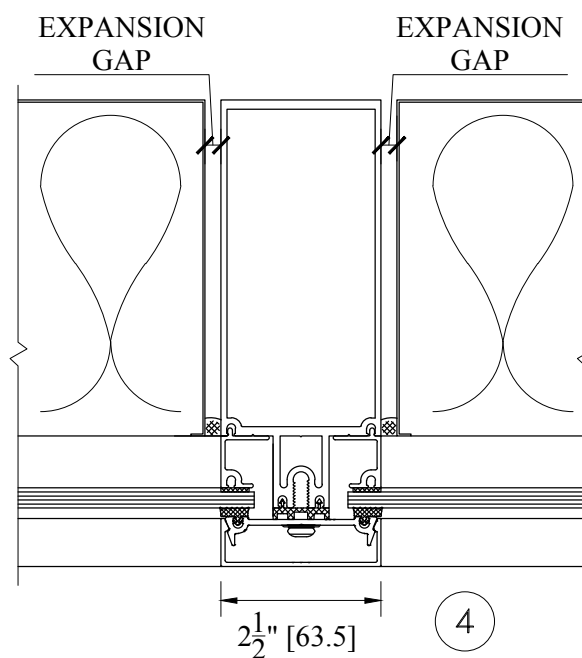
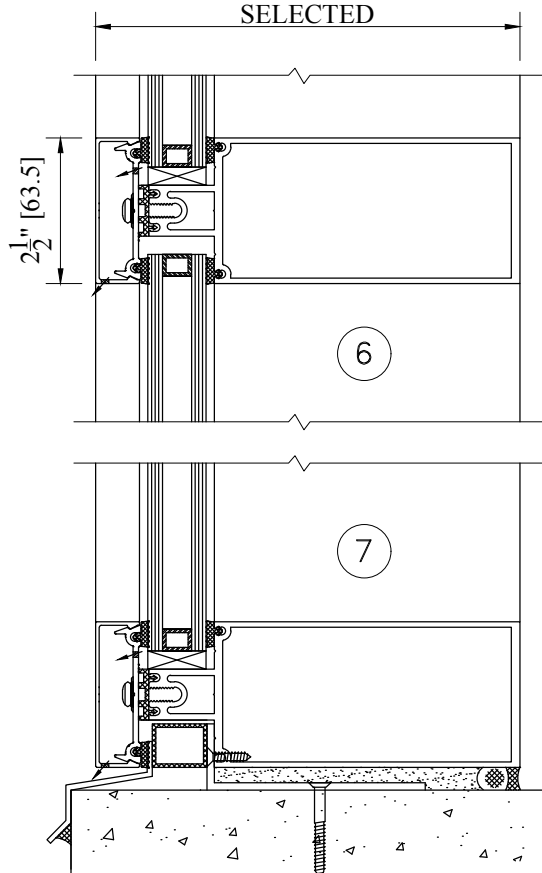
TYPICAL DETAILS



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OVERALL FRAME DEPTH
SELECTED

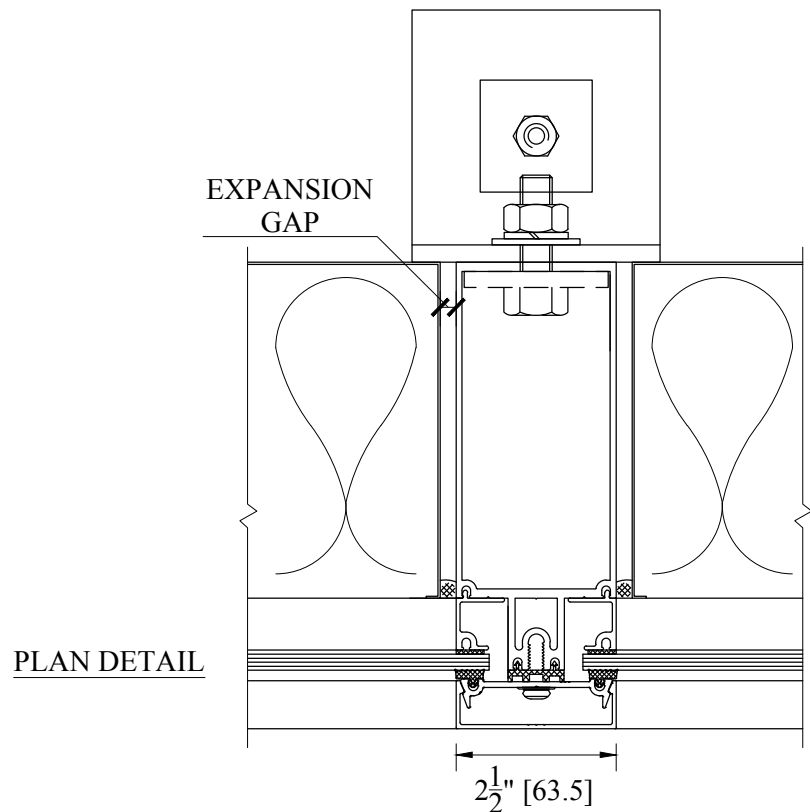
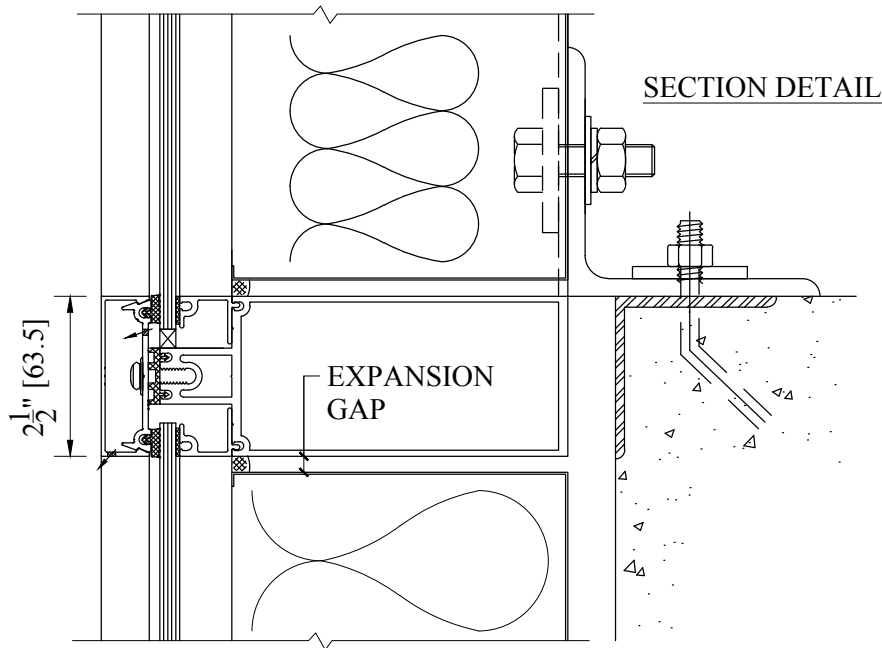


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TYPICAL ANCHORING DETAILS



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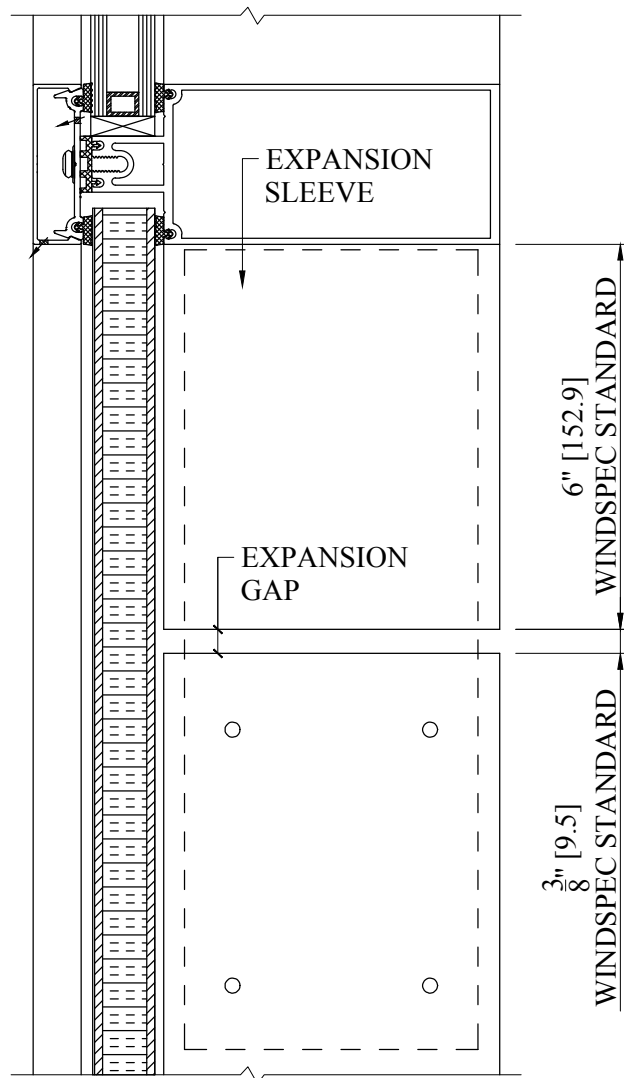
5500 C.W. SERIES

TYPICAL ANCHORING DETAILS



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SECTION DETAIL



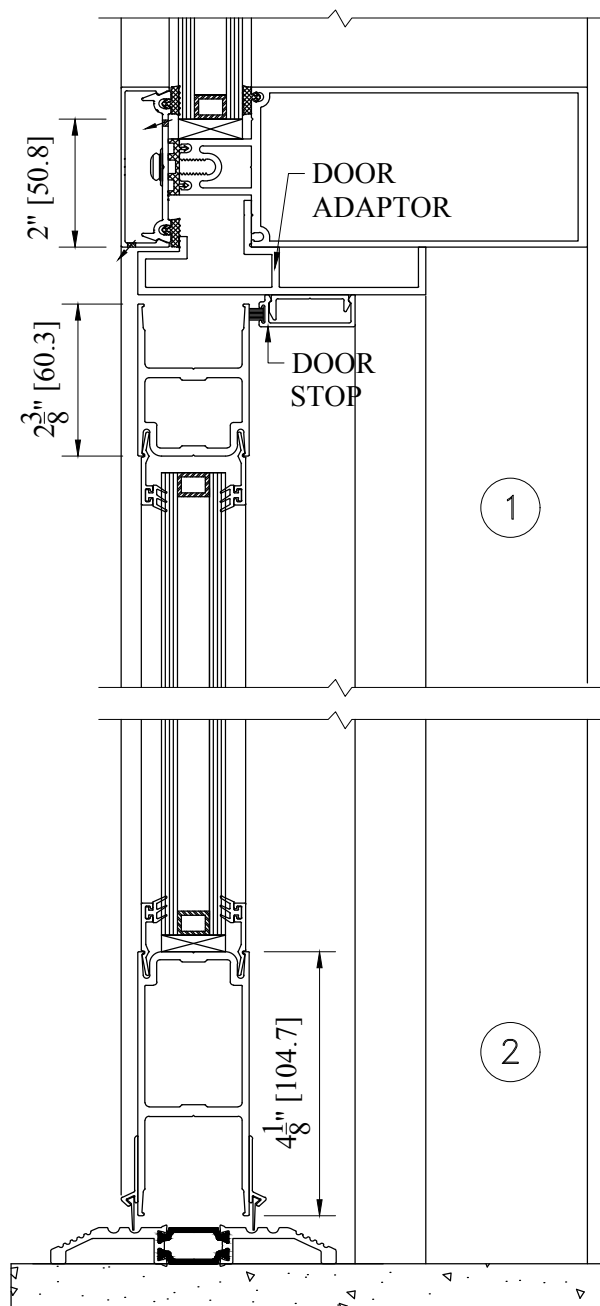
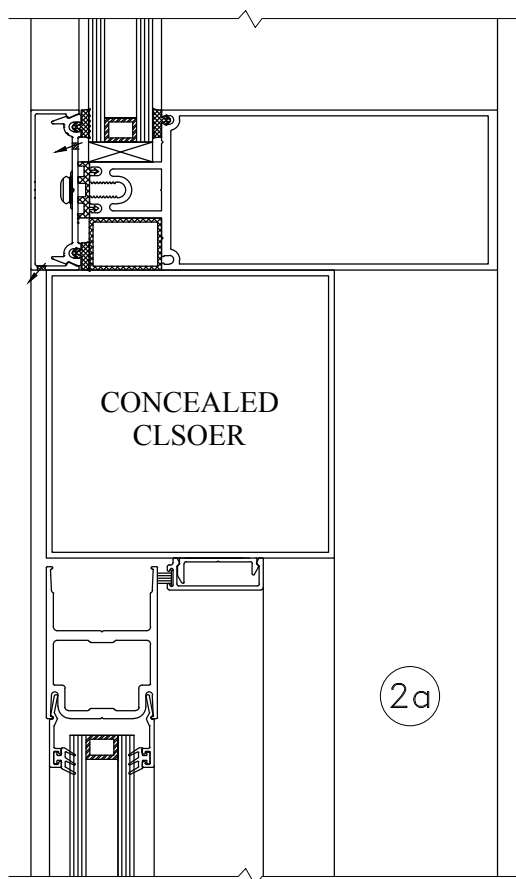
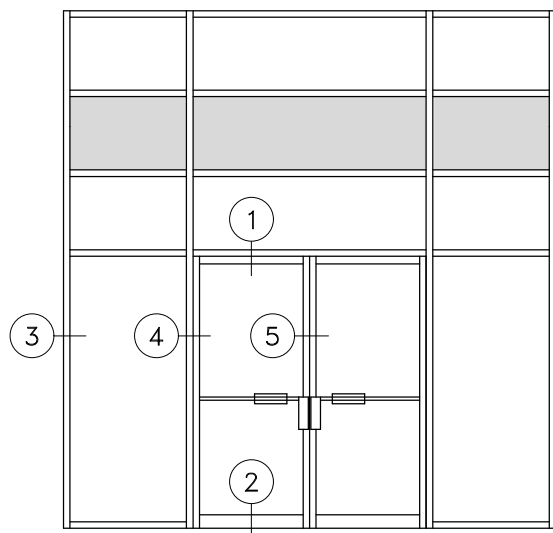
DIMENSIONS ARE
SUBJECT TO
ARCHITECT OR
ENGINEER
SPECIFICATION

5500 C.W. SERIES

STANDARD DOOR DETAILS IN 5500 C.W.



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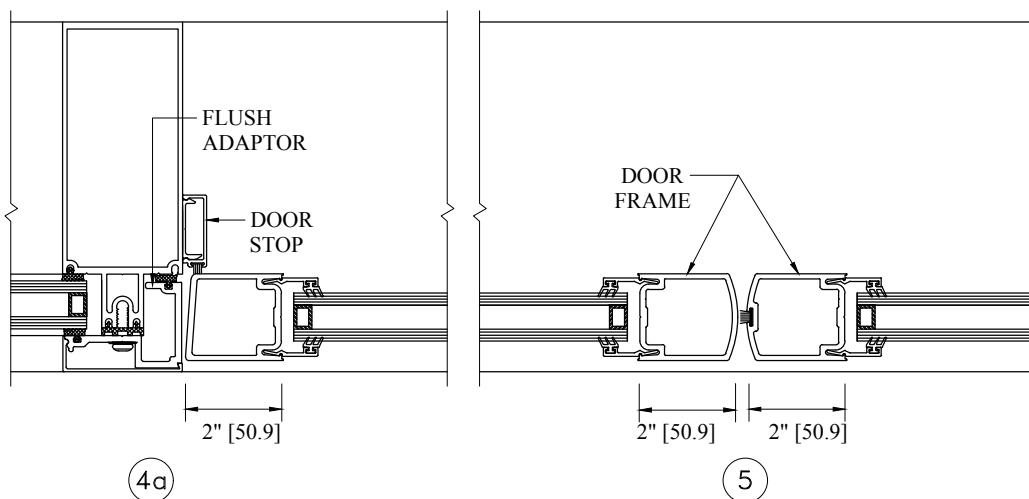
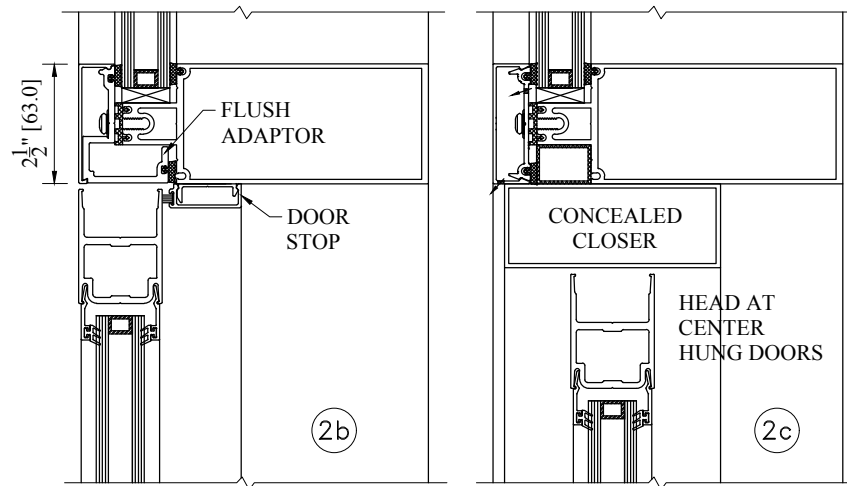


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STANDARD DOOR DETAILS IN 5500 C.W.



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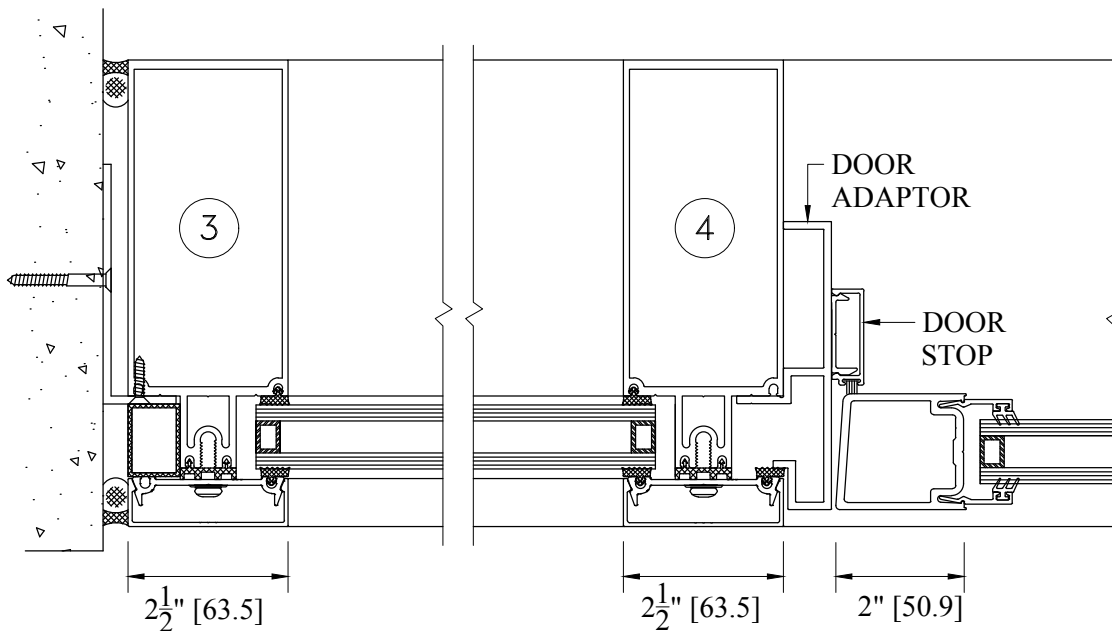


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STANDARD DOOR DETAILS IN 5500 C.W.



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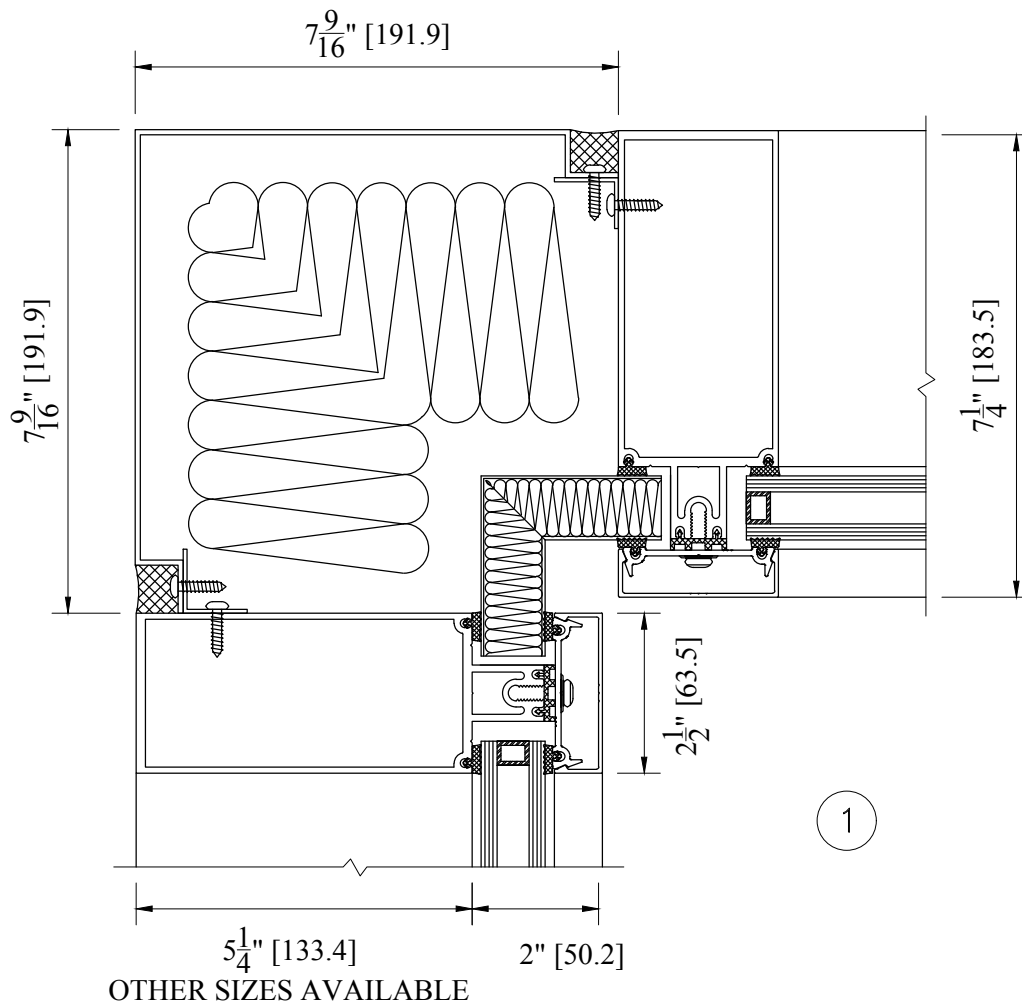
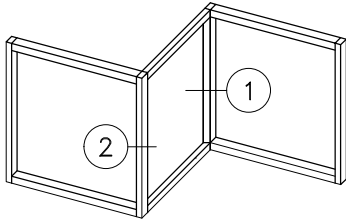


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TYPICAL CORNER DETAILS



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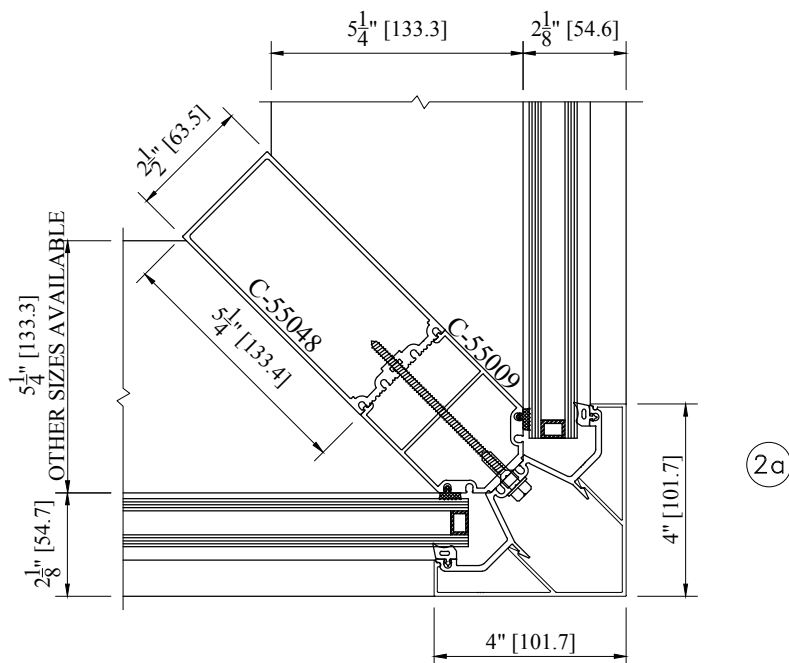
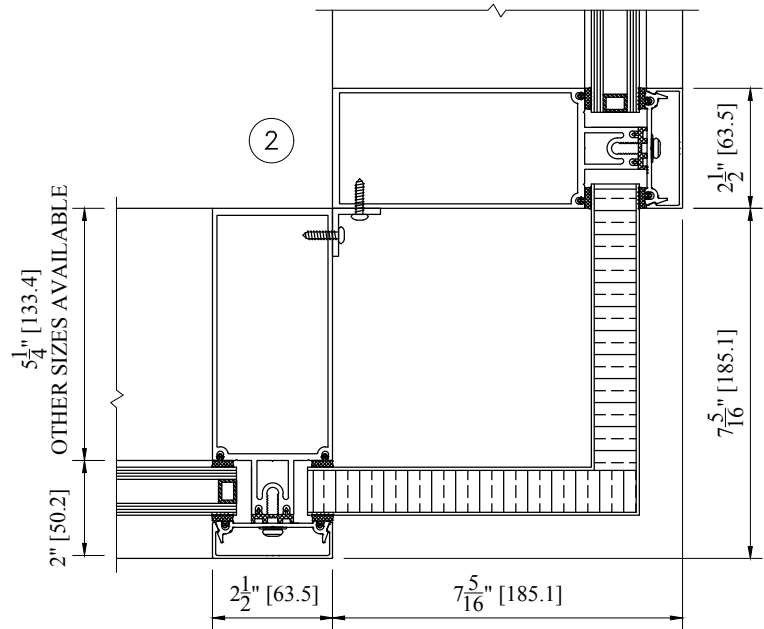
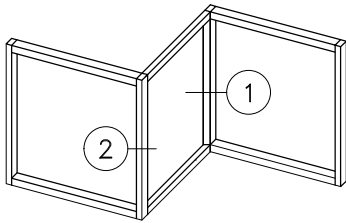


5500 C.W. SERIES

TYPICAL CORNER DETAILS



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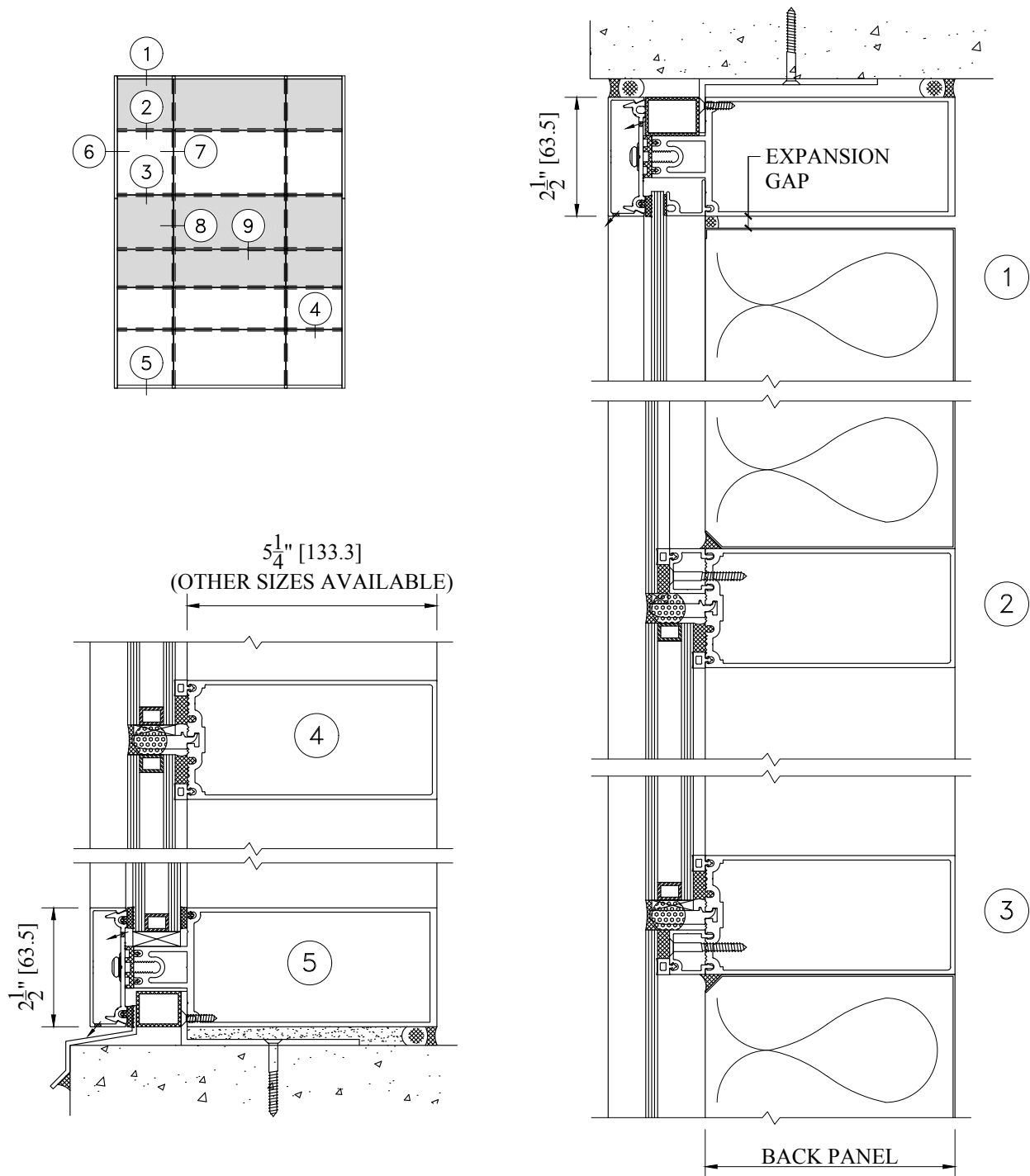


5500 C.W. SERIES

TYPICAL SSG DETAILS



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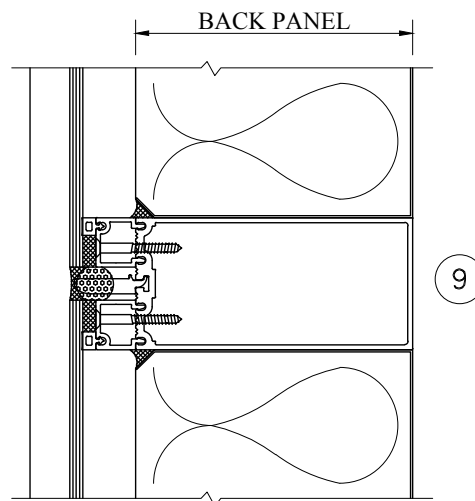
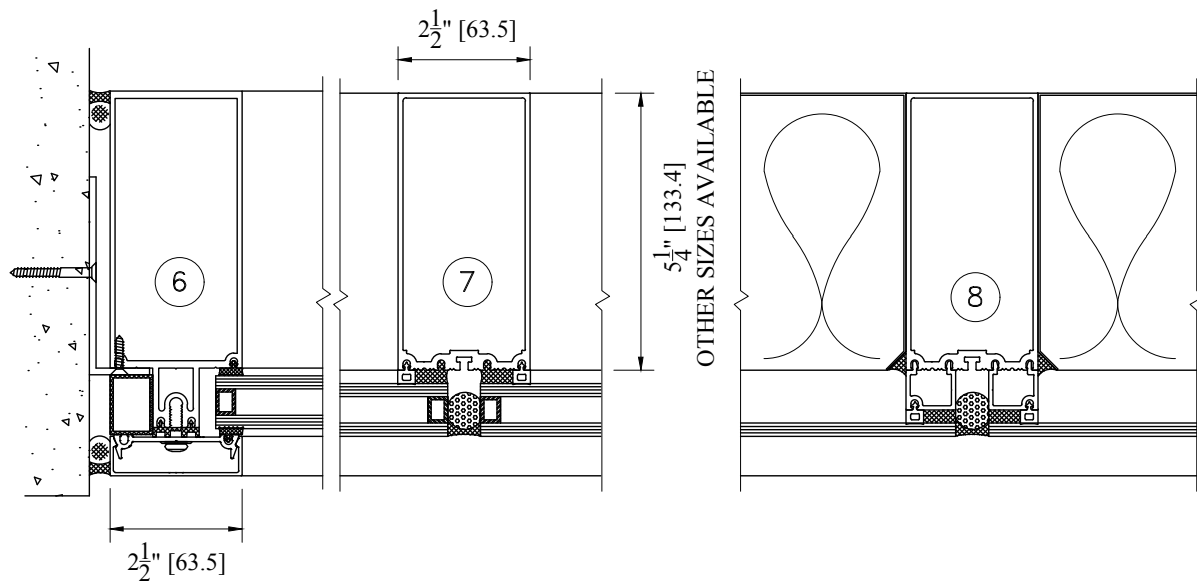


5500 C.W. SERIES

TYPICAL SSG DETAILS



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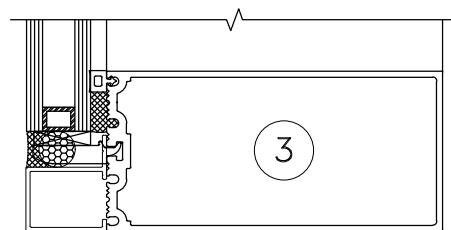
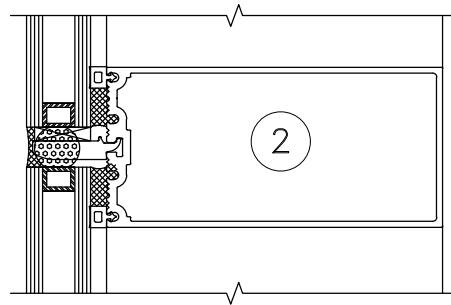
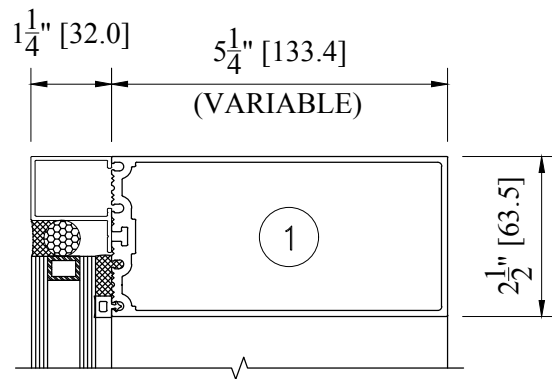
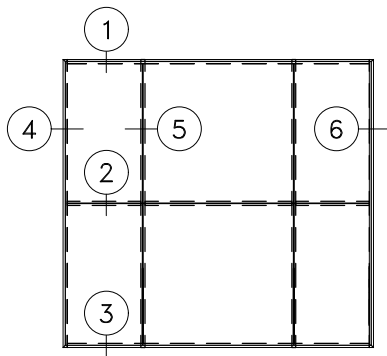


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TYPICAL 4-SIDES SSG DETAILS



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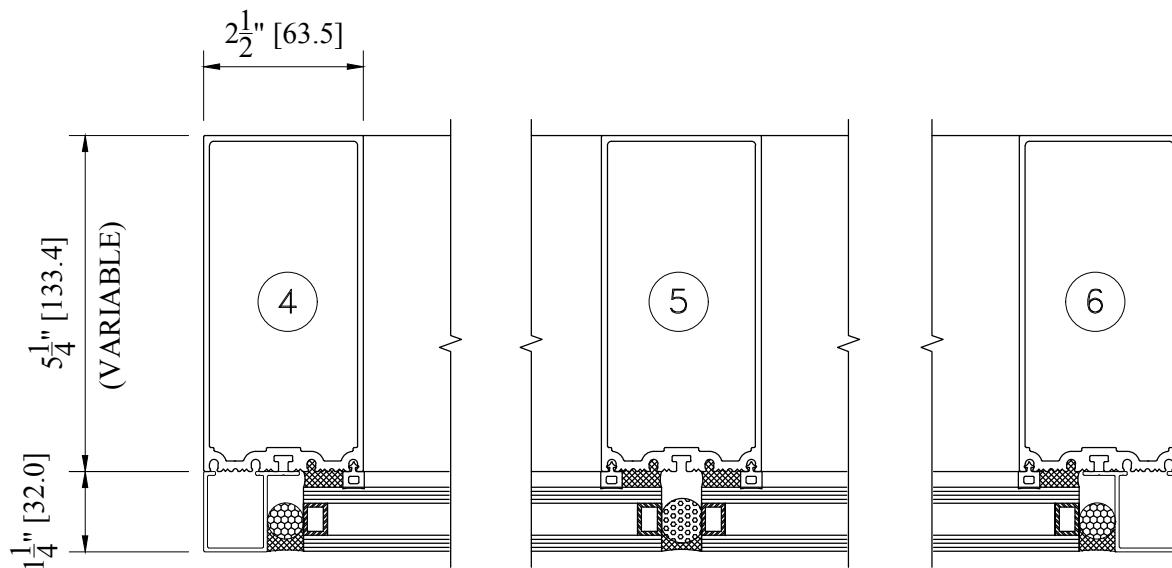
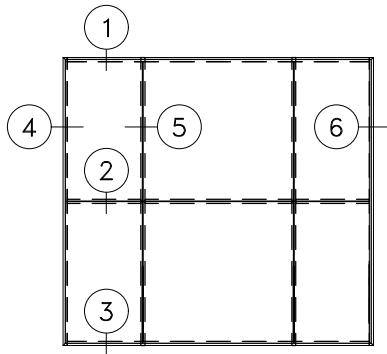


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TYPICAL 4-SIDES SSG DETAILS



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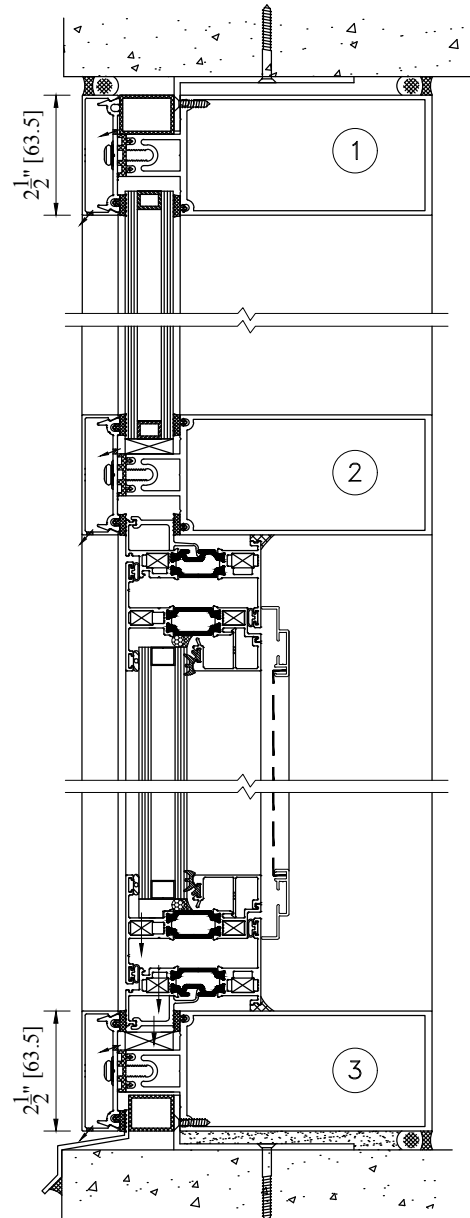
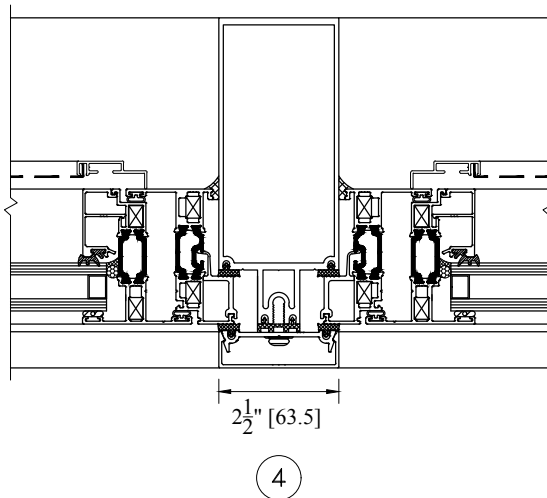
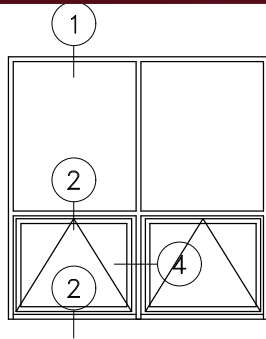


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535 VENT IN 5500 C.W. DETAILS



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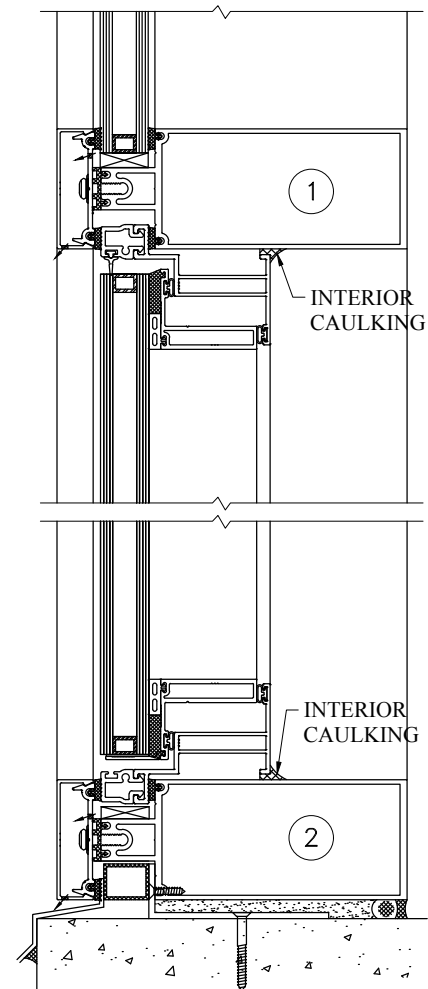
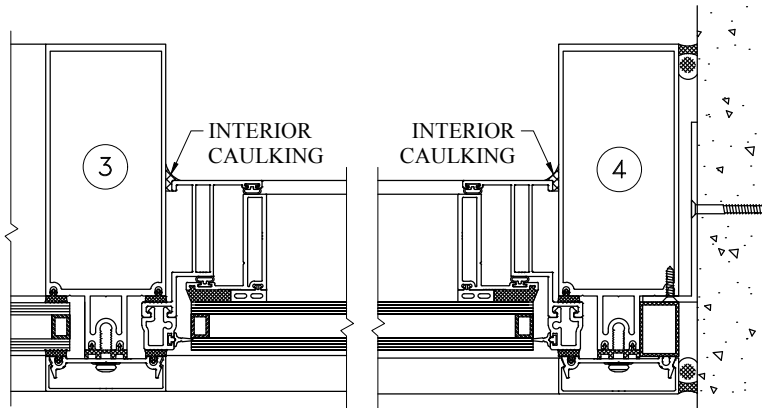
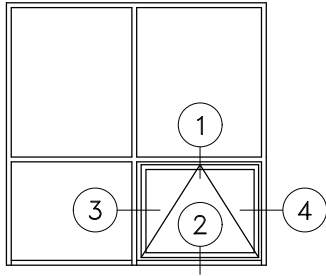


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535 VENT IN 5500 C.W. DETAILS



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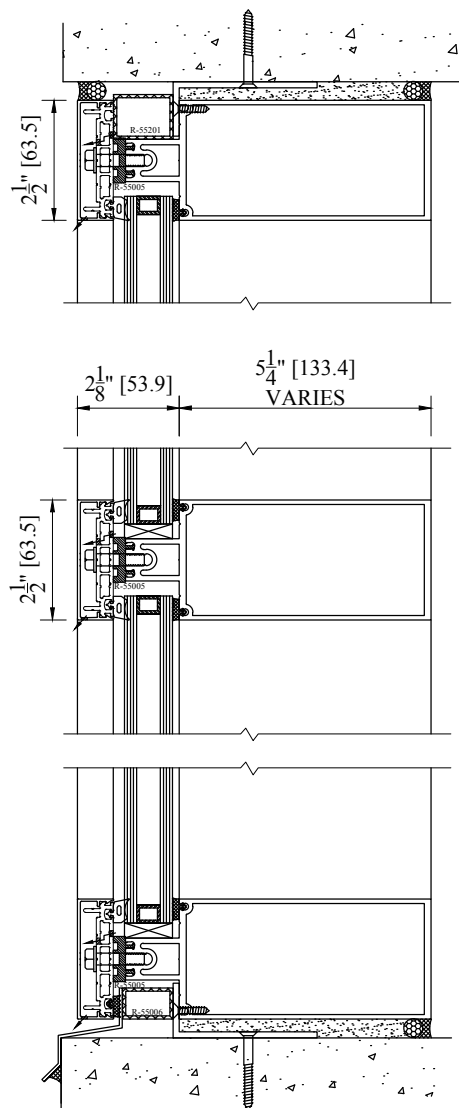


5500 C.W. SERIES

TYPICAL DETAILS WITH PVC PRESSURE PLATE (OPTIONAL)



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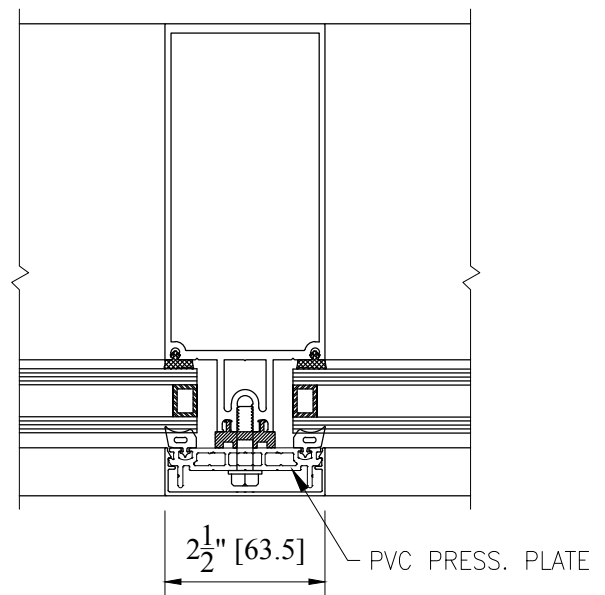
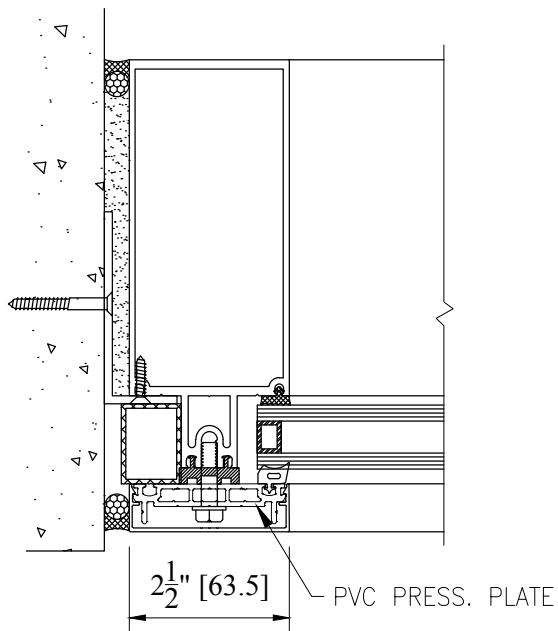


5500 C.W. SERIES

TYPICAL DETAILS WITH PVC PRESSURE PLATE (OPTIONAL)



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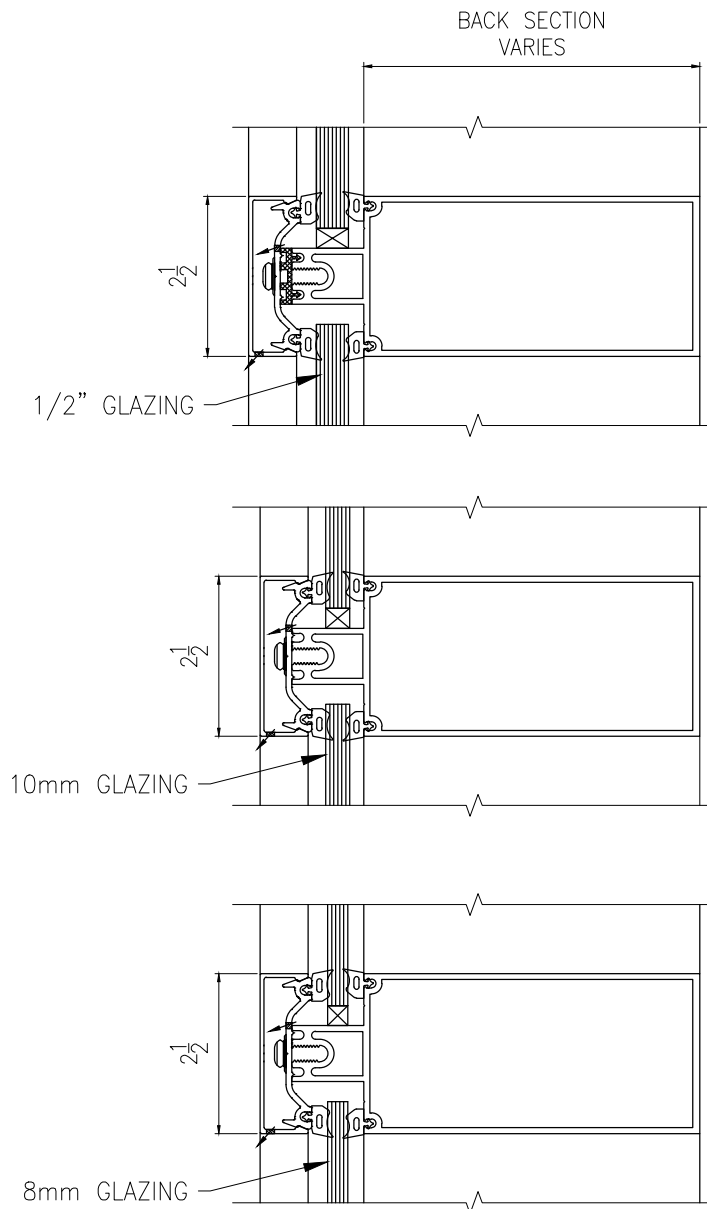


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TYPICAL DETAILS WITH CURVED PRESSURE PLATE (OPTIONAL)



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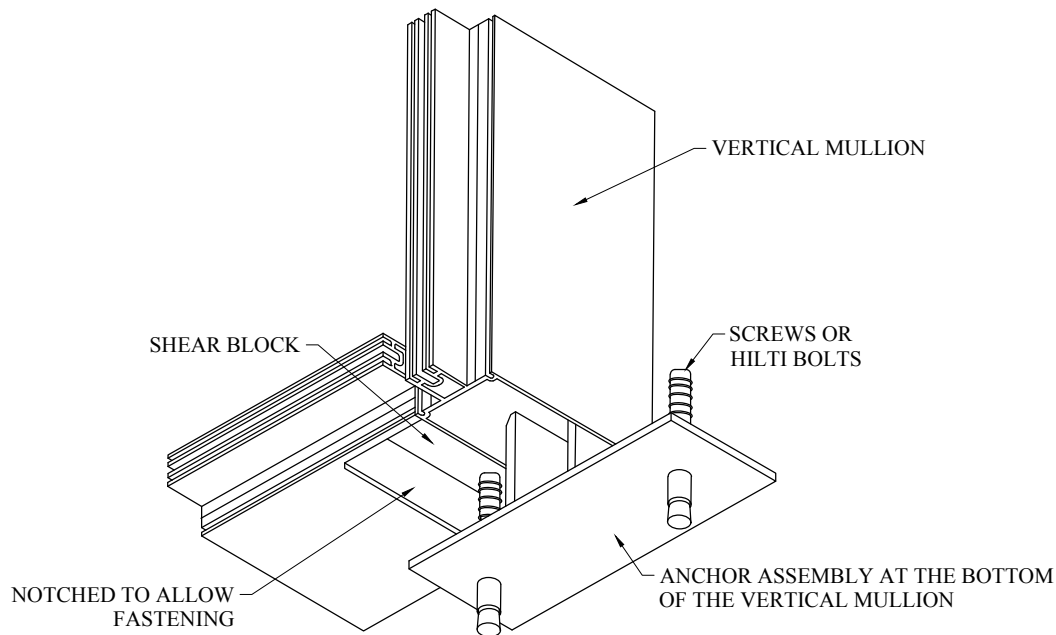


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TYPICAL FOOT ANCHOR ASSEMBLY



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Series 5500 Anchor Assembly

Windspec's anchor plate assembly has been designed to accommodate all of the various mullion sizes within the series 5500 family.

This anchor, used at the head and foot of the vertical mullions, allows, for ease of erection of the curtain wall grid.

Once the frame has been positioned, the anchors can be fastened to the structure. The adjoining frame is then slid over to be connected to the first frame by means of screw ported shear block. This shear block is attached to the vertical mullion.

This procedure is repeated until the opening are filled.

The anchor plate will also allow for the curtain wall to have limited vertical movement.

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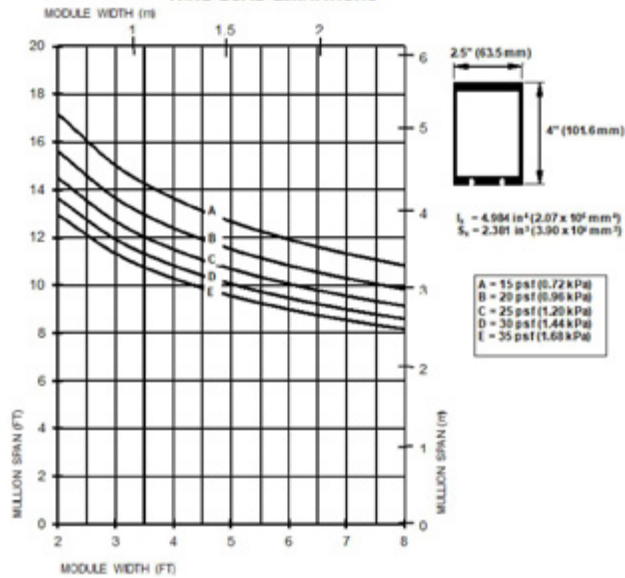
WIND LOAD CHARTS



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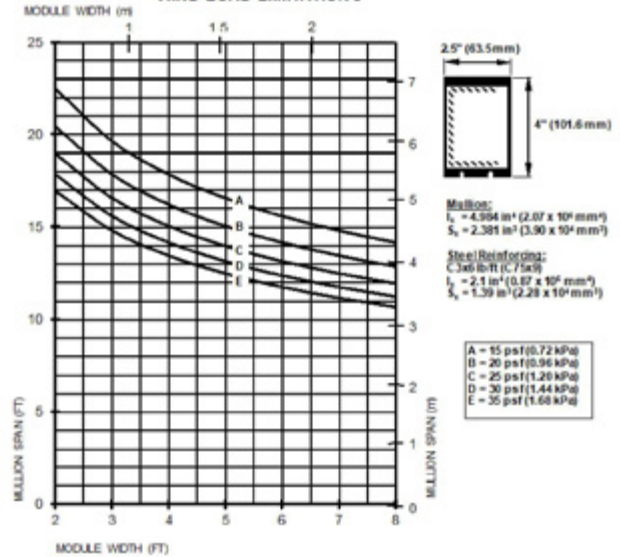
SERIES 5500 SSG (2 1/2" x 4")

WIND LOAD LIMITATIONS



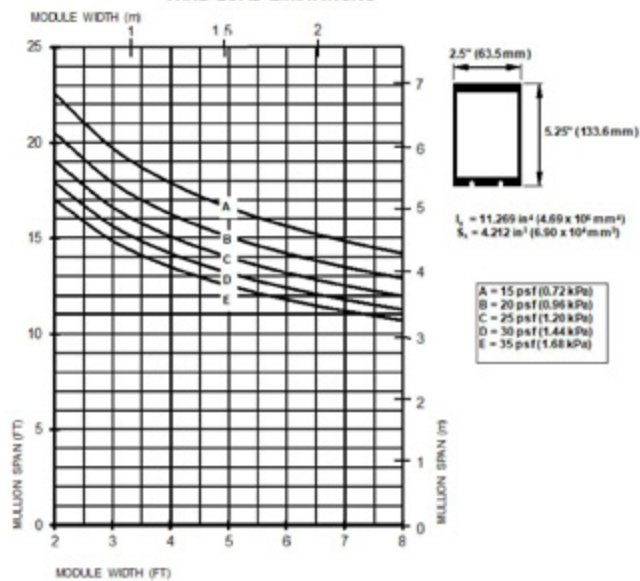
SERIES 5500 SSG (2 1/2" x 4" & C3x6 lb/ft Steel Reinforcing)

WIND LOAD LIMITATIONS



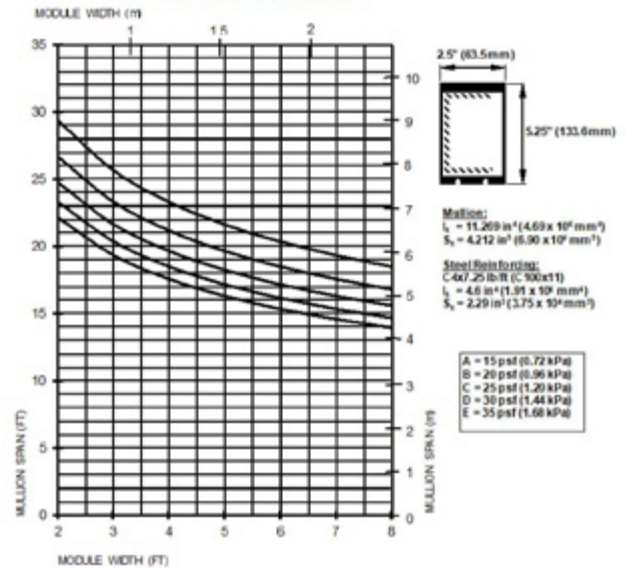
SERIES 5500 SSG (2 1/2" x 5 1/4")

WIND LOAD LIMITATIONS



SERIES 5500 SSG (2 1/2" x 5 1/4" & C4x7.25 lb/ft Steel Reinforcing)

WIND LOAD LIMITATIONS



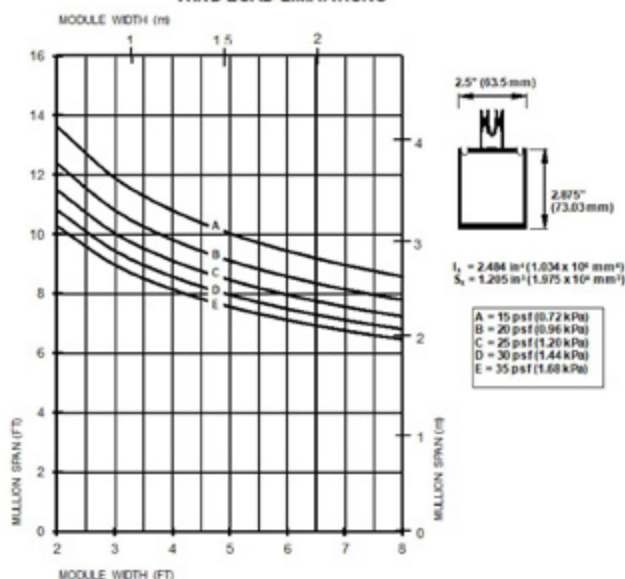
5500 C.W. SERIES

WIND LOAD CHARTS

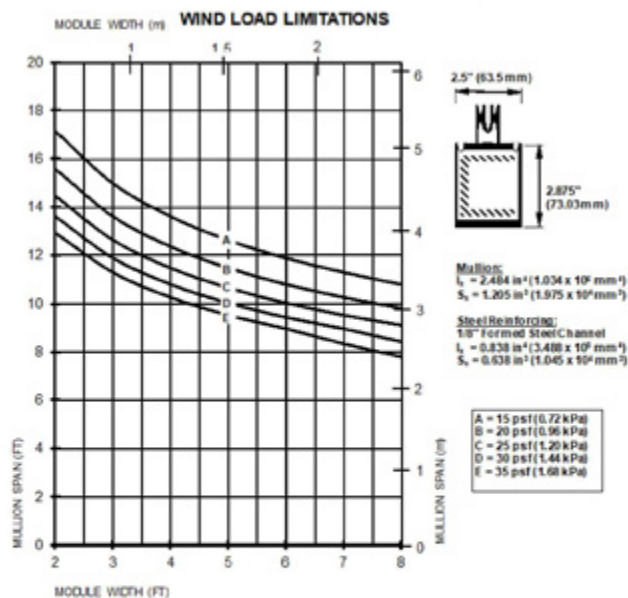


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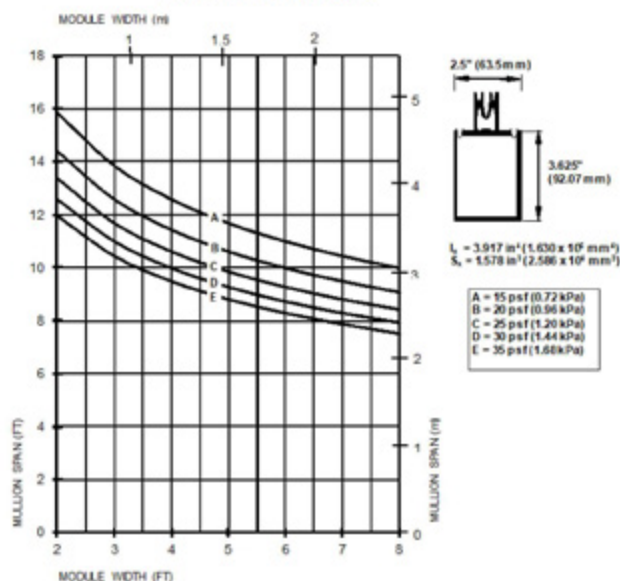
SERIES 5500 (2 1/2" x 2 7/8" Back Bar)
WIND LOAD LIMITATIONS



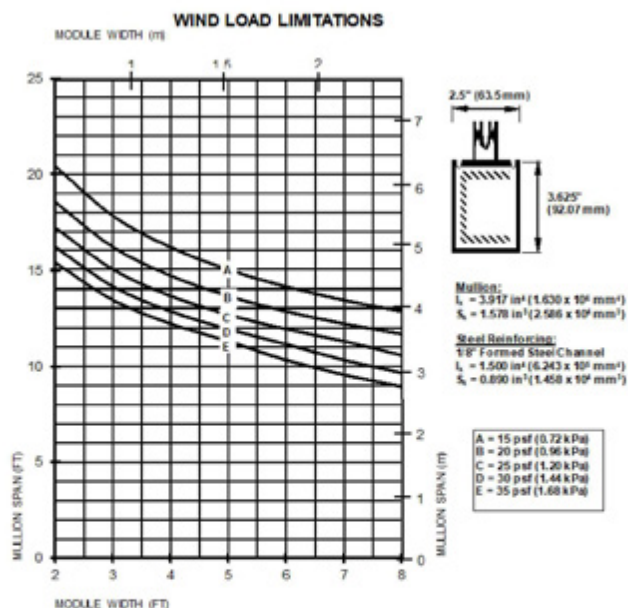
SERIES 5500 (2 1/2" x 2 7/8" Back Bar & 1/8" Formed Steel Channel)
WIND LOAD LIMITATIONS



SERIES 5500 (2 1/2" x 3 5/8" Back Bar)
WIND LOAD LIMITATIONS



SERIES 5500 (2 1/2" x 3 5/8" Back Bar)
WIND LOAD LIMITATIONS



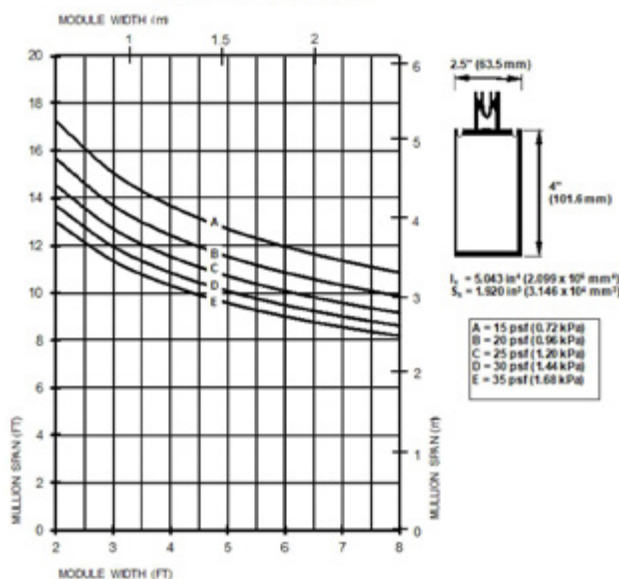
5500 C.W. SERIES

WIND LOAD CHARTS

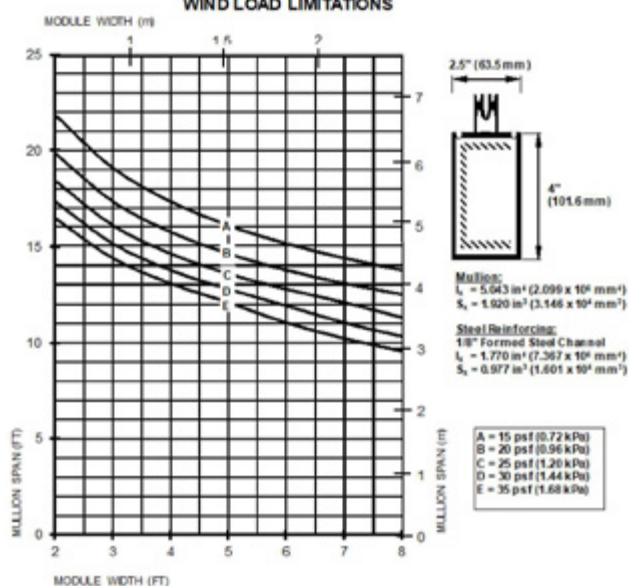


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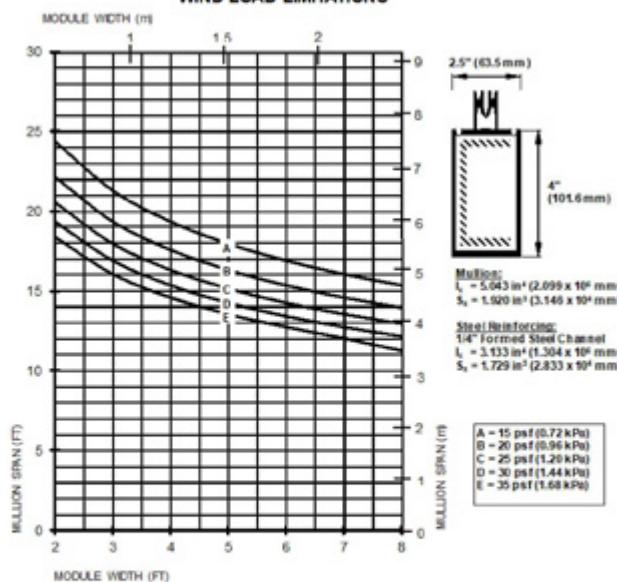
SERIES 5500 (2 1/2" x 4" Back Bar)
WIND LOAD LIMITATIONS



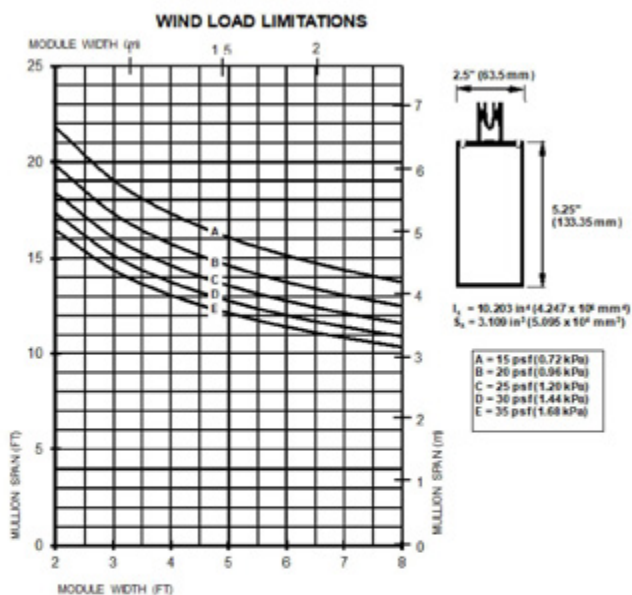
SERIES 5500 (2 1/2" x 4" Back Bar & 1/8" Formed Steel Channel)
WIND LOAD LIMITATIONS



SERIES 5500 (2 1/2" x 4" Back Bar & 1/4" Formed Steel Channel)
WIND LOAD LIMITATIONS



SERIES 5500 (HEAVY DUTY)
WIND LOAD LIMITATIONS



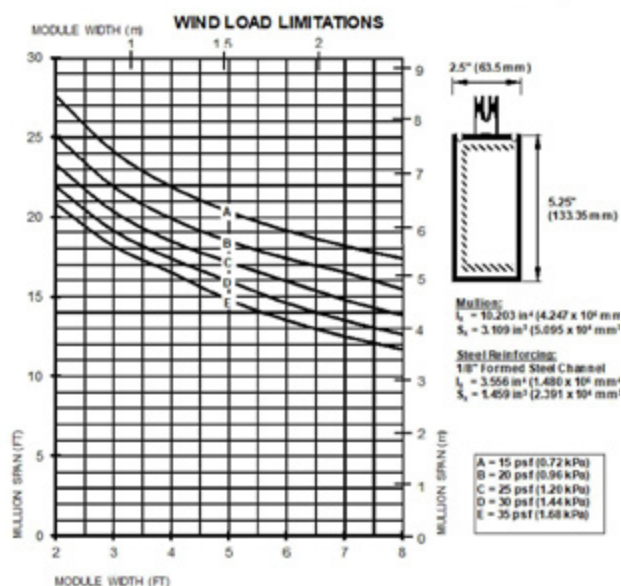
5500 C.W. SERIES

WIND LOAD CHARTS

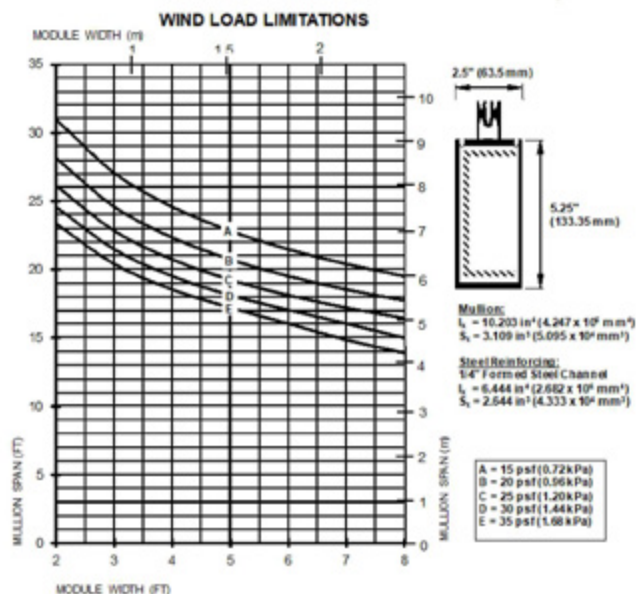


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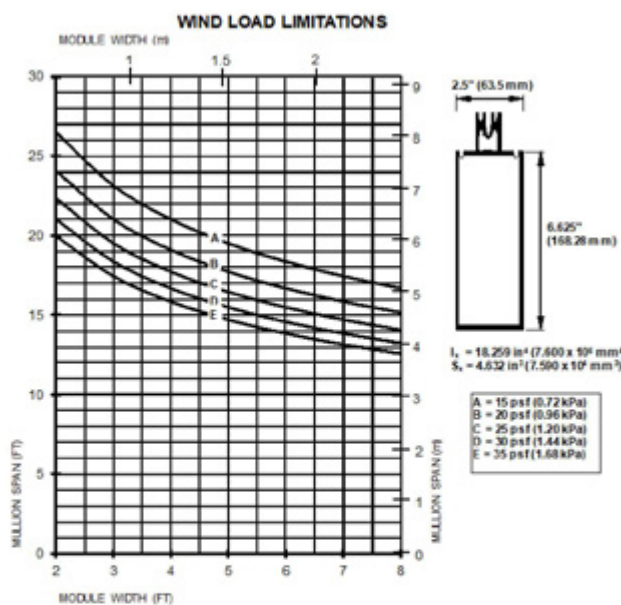
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Back Bar & 1/8" Formed Steel Channel)**



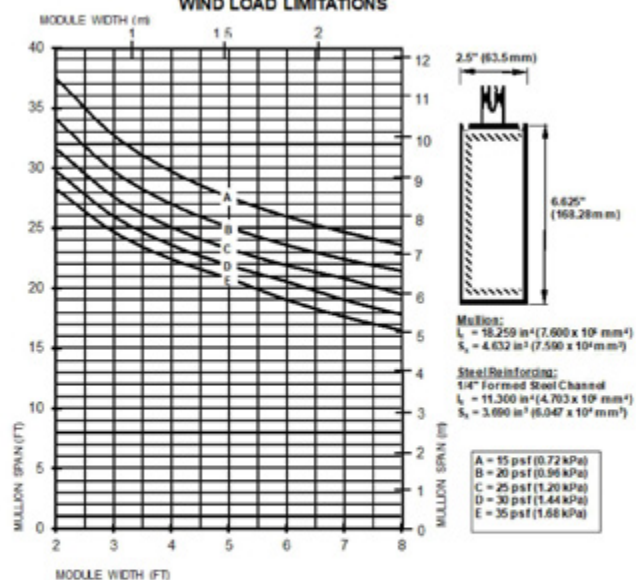
**SERIES 5500 (HEAVY DUTY) (2 1/2"x5 1/4"
Back Bar & 1/4" Formed Steel Channel)**



SERIES 5500 (2 1/2" x 6 5/8" Back Bar)



**SERIES 5500 (2 1/2" x 6 5/8"
Back Bar & 1/4" Formed Steel
WIND LOAD LIMITATIONS**



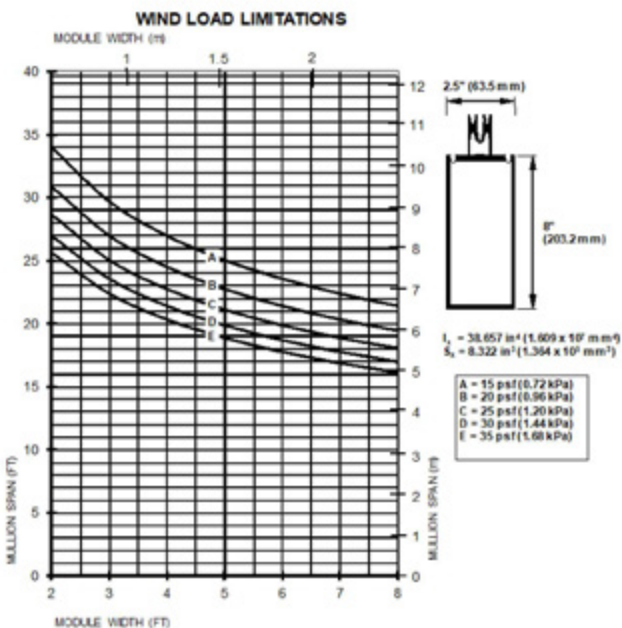
5500 C.W. SERIES

WIND LOAD CHARTS

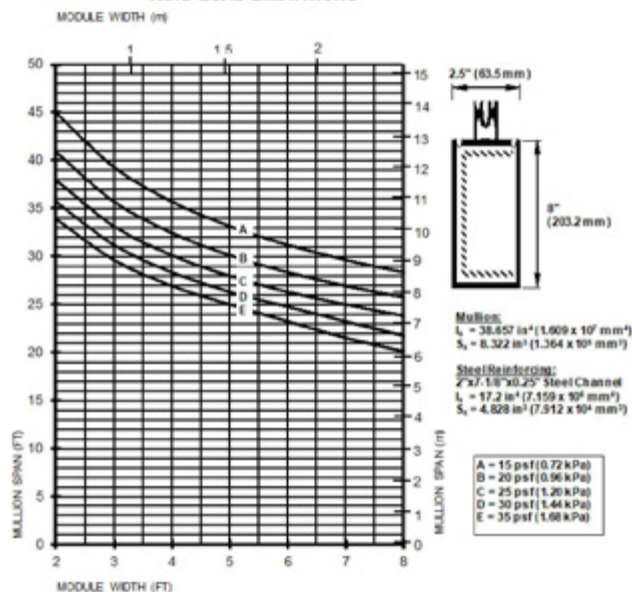


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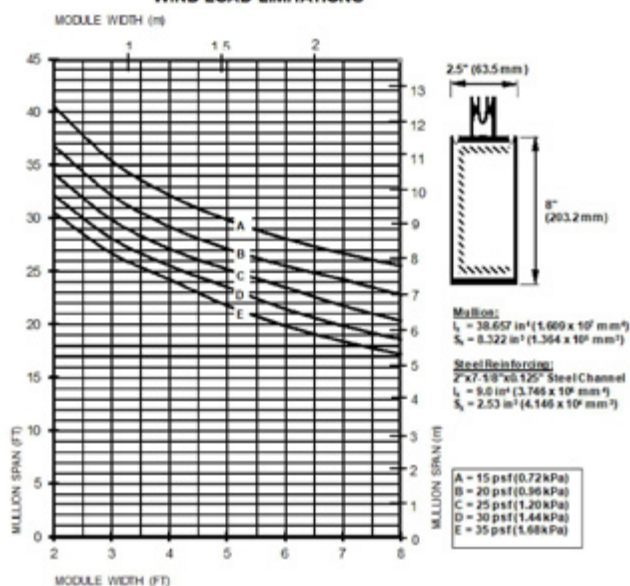
SERIES 5500 (2 1/2" x 8" Back Bar)



**SERIES 5500 (2 1/2" x 8" Back Bar)
& 1/4" Formed Steel Channel**



**SERIES 5500 (2 1/2" x 8" Back Bar)
& 1/8" Formed Steel Channel**

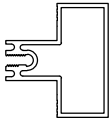
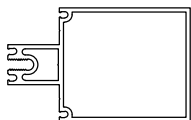
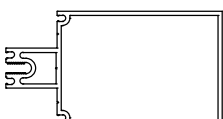
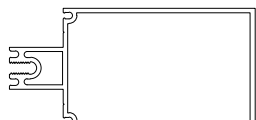


5500 C.W. SERIES

PARTS LIST



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Part Number	Description	Profile
C-55000	$2\frac{1}{2} \times 1\frac{1}{8}$ " (63.5mmx28.6mm) Mullion	
C-55001	$2\frac{1}{2} \times 2\frac{7}{8}$ " (63.5mmx73mm) Mullion	
C-55002	$2\frac{1}{2} \times 3\frac{5}{8}$ " (63.5mmx92.1mm) Mullion	
C-55014	$2\frac{1}{2} \times 4$ " (63.5mmx101.6mm) Mullion	
C-55003	$2\frac{1}{2} \times 5\frac{1}{4}$ " (63.5mmx133.35mm) Mullion (Heavy Duty)	
C-55010	$2\frac{1}{2} \times 5\frac{1}{4}$ " (63.5mmx133.35mm) Mullion (Standard Duty)	
C-55015	$2\frac{1}{2} \times 6\frac{5}{8}$ " (63.5mmx142.9mm) Mullion	
C-55020	$2\frac{1}{2} \times 8$ " (63.5mmx203.2mm) Mullion	

5500 C.W. SERIES

PARTS LIST



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Part Number	Description	Profile
C-55042	2 $\frac{1}{2}$ x 2 $\frac{7}{8}$ " (63.5mmx73.0mm) SSG Mullion or Horizontal	
C-55041	2 $\frac{1}{2}$ x 2 $\frac{7}{8}$ " (63.5mmx73.0mm) SSG Vertical Only	
C-55047	2 $\frac{1}{2}$ x 4" (63.5mmx101.6mm) SSG Mullion or Horizontal	
C-55012	2 $\frac{1}{2}$ x 4" (63.5mmx101.6mm) SSG Vertical Only	
C-55048	2 $\frac{1}{2}$ x 5 $\frac{1}{4}$ " (63.5mmx133.4mm) SSG Mullion or Horizontal	
C-55013	2 $\frac{1}{2}$ x 5 $\frac{1}{4}$ " (63.5mmx133.4mm) SSG Vertical Only	
C-55024	2 $\frac{1}{2}$ x 6 $\frac{5}{8}$ " (63.5mmx133.4mm) SSG Mullion or Horizontal	
C-55044	2 $\frac{1}{2}$ x 8" (63.5mmx203.2mm) SSG Mullion or Horizontal	
C-55050	2 $\frac{1}{2}$ x 10" (63.5mmx254mm) SSG Mullion or Horizontal	

5500 C.W. SERIES

PARTS LIST



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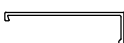
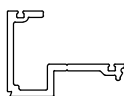
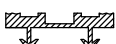
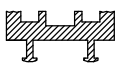
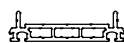
Part Number	Description	Profile
C-55004	2 $\frac{1}{2}$ x $\frac{3}{4}$ " Snap-On Cap	
C-55005	2 $\frac{1}{2}$ " Sloped Glazing Pressure Plate	
C-55006	2 $\frac{1}{2}$ " Dry Glaze Pressure Plate	
C-55206	Pressure Plate for Varying Glazing Thickness	
C-55007	Door Adaptor for 2 Piece Door Stop	
C-55008	2 $\frac{1}{2}$ " Wet Glaze Pressure Plate	
C-55009	90° Corner Adaptor (for 5 $\frac{1}{4}$ " Mullion)	
C-55016	90° Corner Adaptor (for 4" Mullion)	
C-55054	90° Corner Snap-On Cover	
C-55056	90° Corner Pressure Plate	

5500 C.W. SERIES

PARTS LIST



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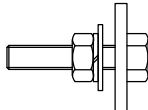
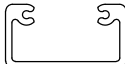
Part Number	Description	Profile
C-55011	Single Glazing Adaptor	
C-55018	Flush Door Adaptor Cover	
C-55019	Flush Door Adaptor Base	
R-55001	1 $\frac{1}{8}$ " Pocket Filler (PVC)	
R-55002	5500 Thermal Break (1/8")	
R-55003	Glazing Gasket	
R-55004	Silicon Gasket for SSG	
R-55005	Heavy Duty 5500 Thermal Break (1/4")	
-	PVC Pressure Plate	

5500 C.W. SERIES

PARTS LIST



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Part Number	Description	Profile
H-55001	Backup Assembly for Intermediate Anchor	
H-55214	Shear Block $3 \frac{5}{8}"$	
H-55214	Shear Block 4"	
H-55203	Shear Block $5 \frac{1}{4}"$	
H-55215	Shear Block $6 \frac{5}{8}"$	
H-55220	Shear Block 8"	
H-55007	Corner Plug	