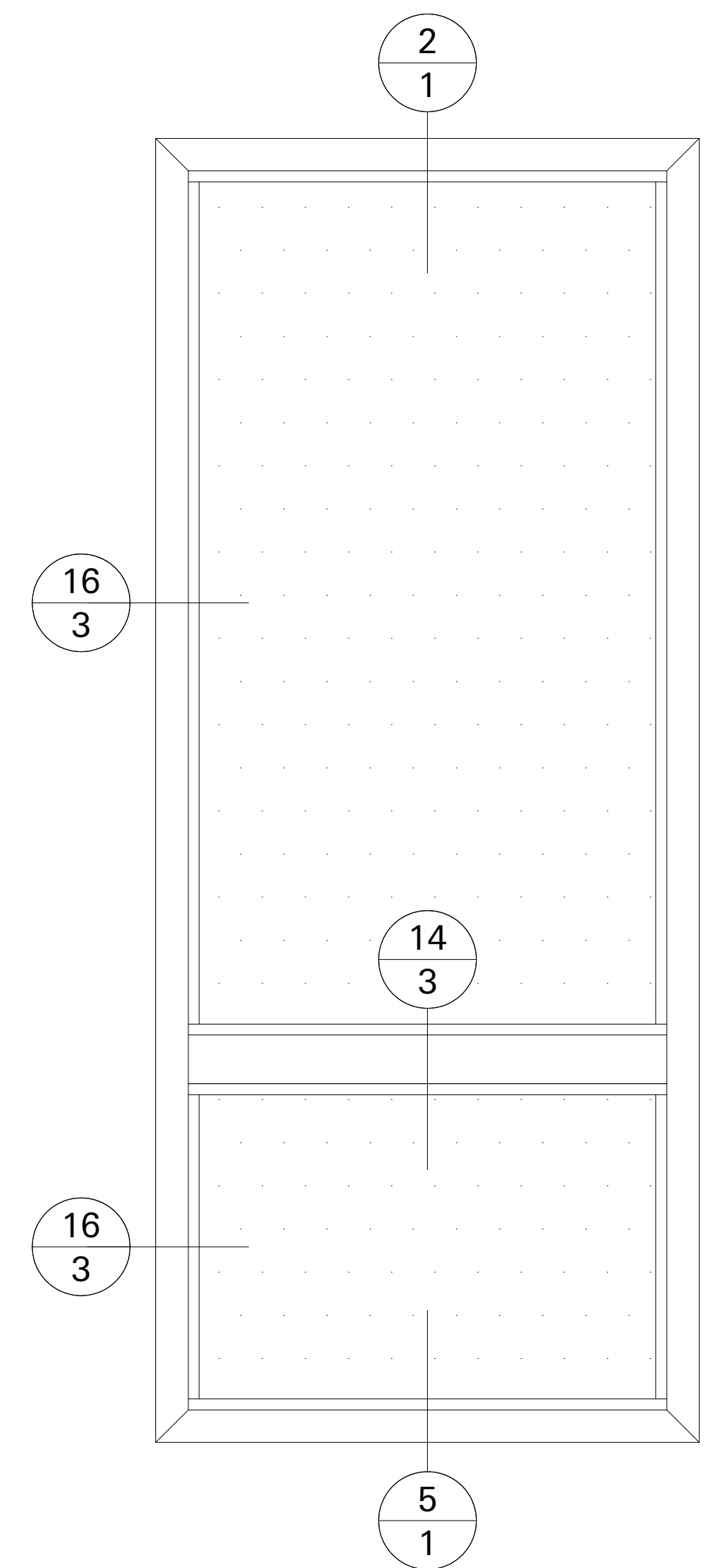
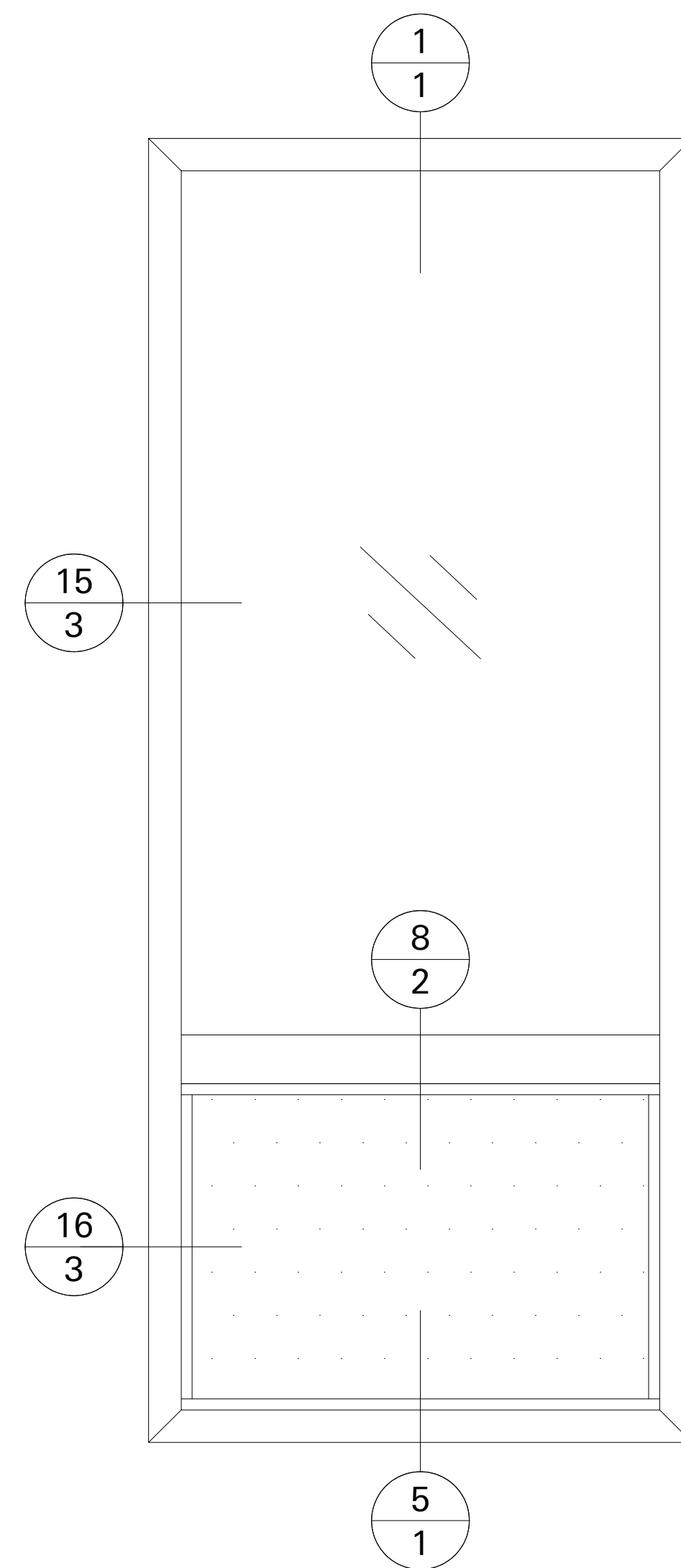
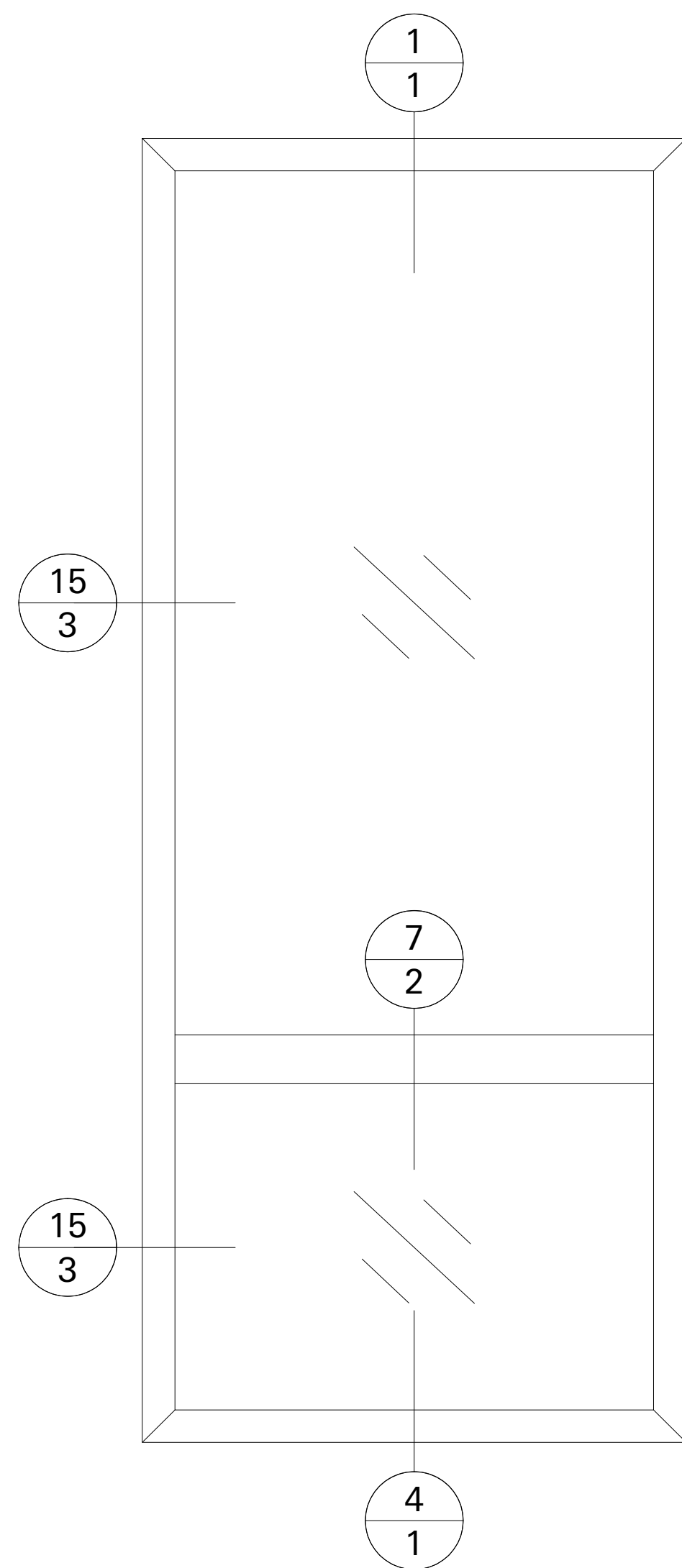
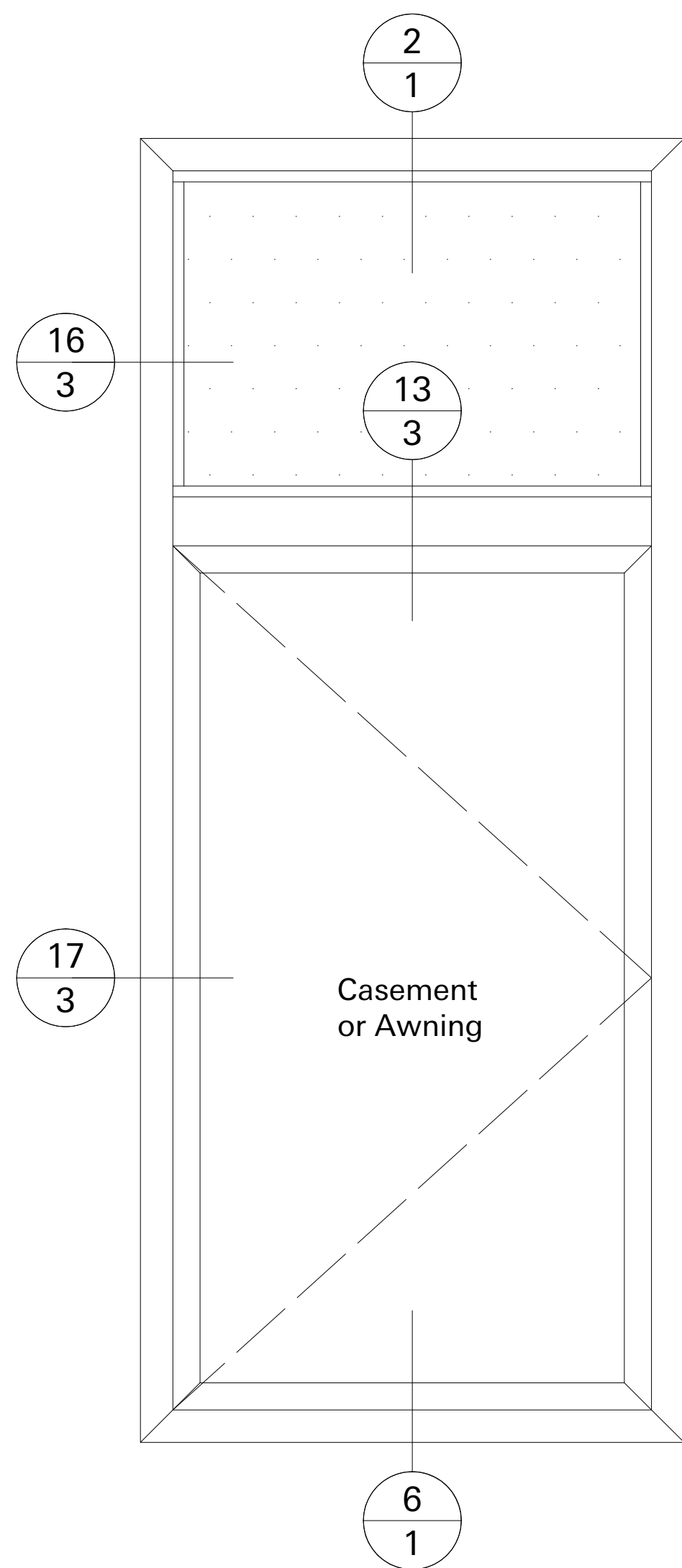
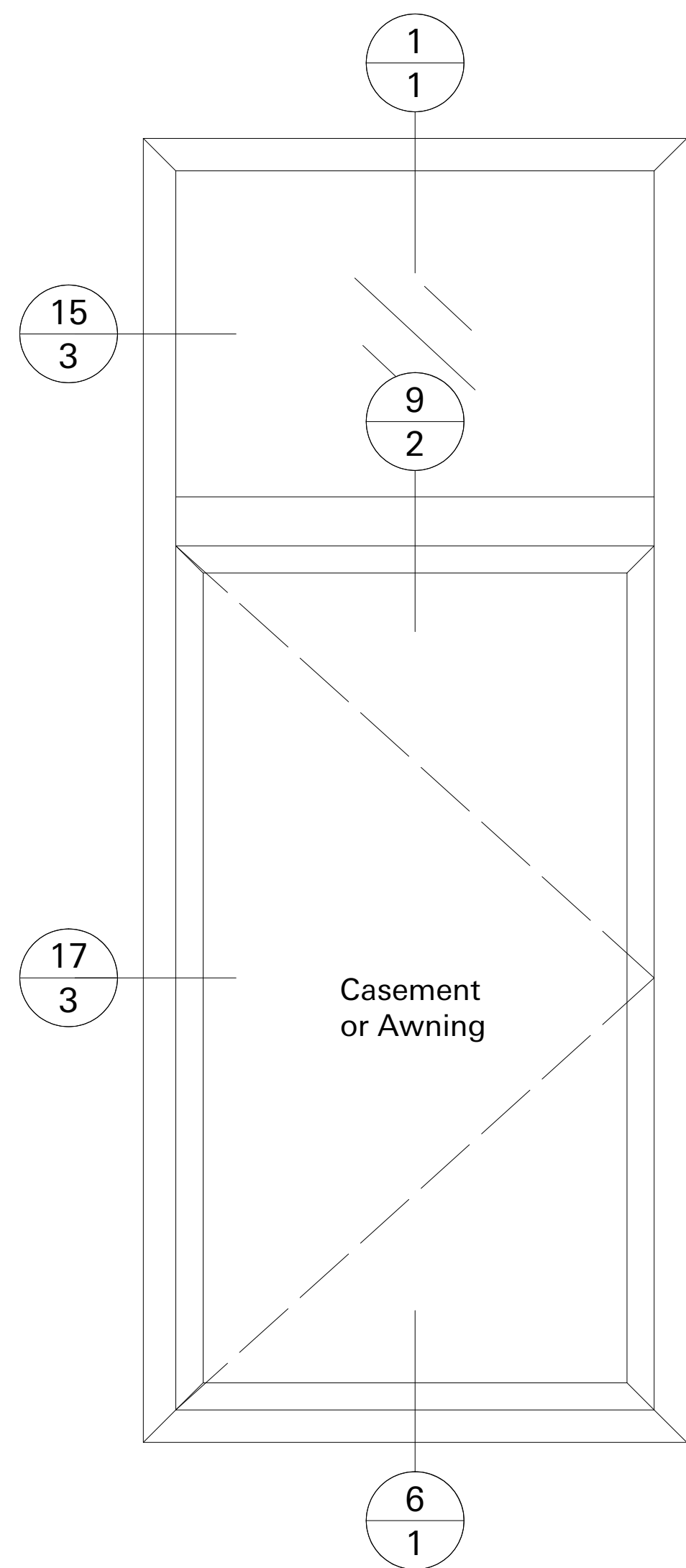
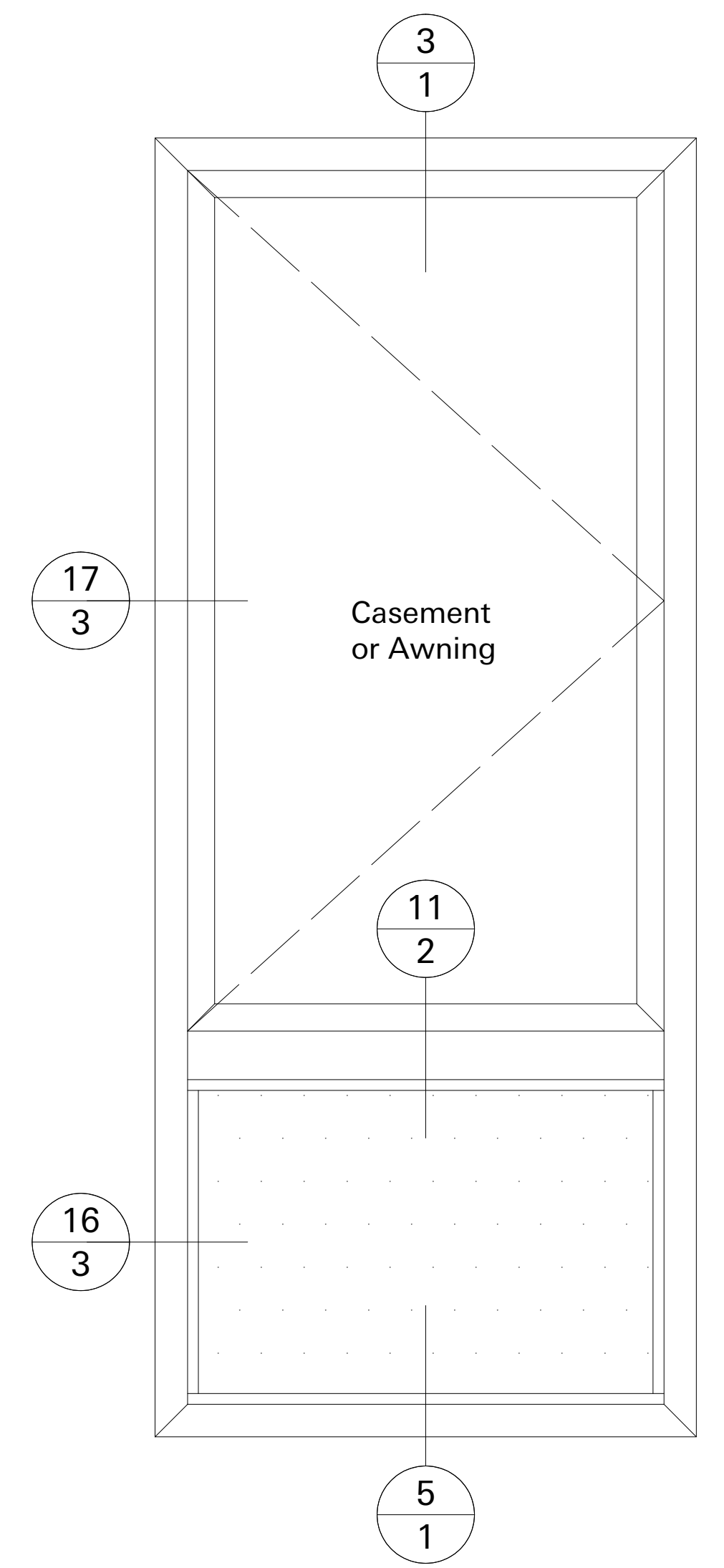
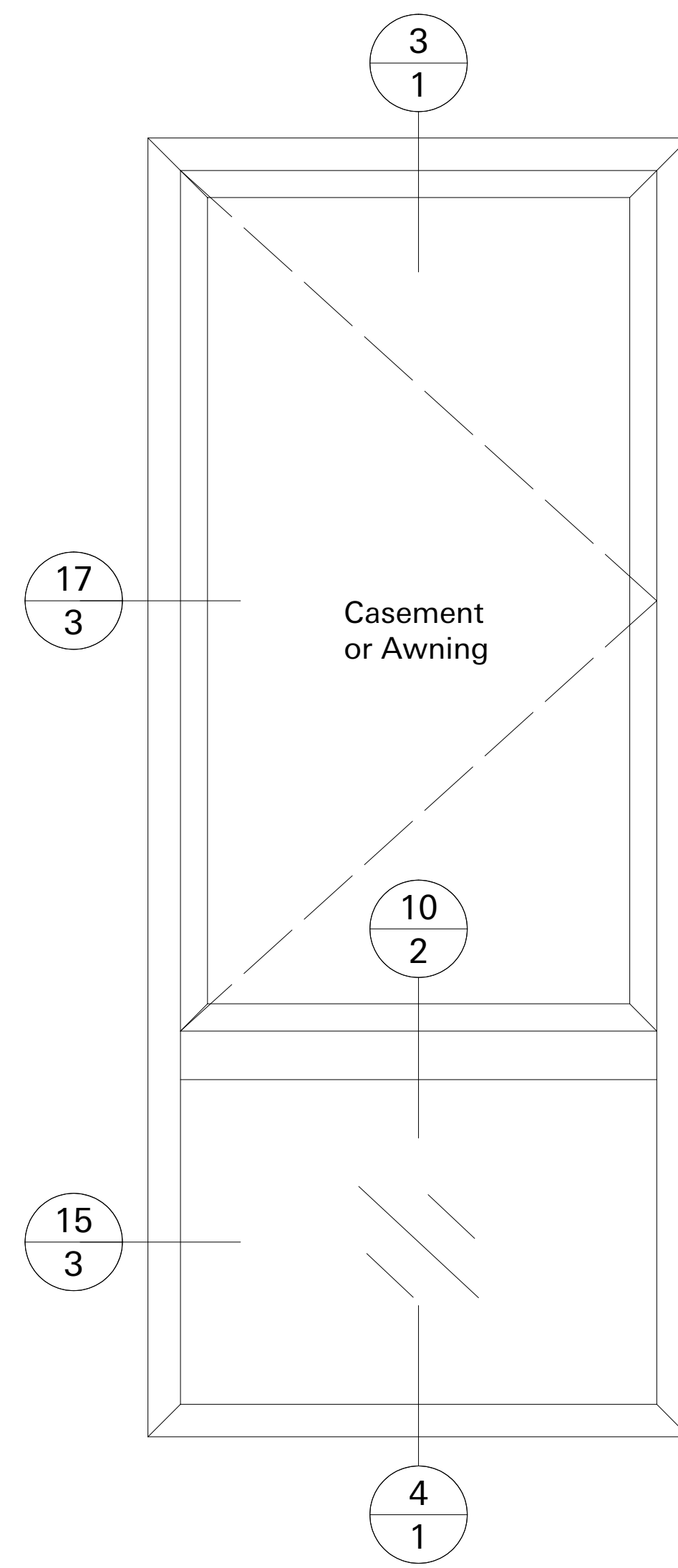
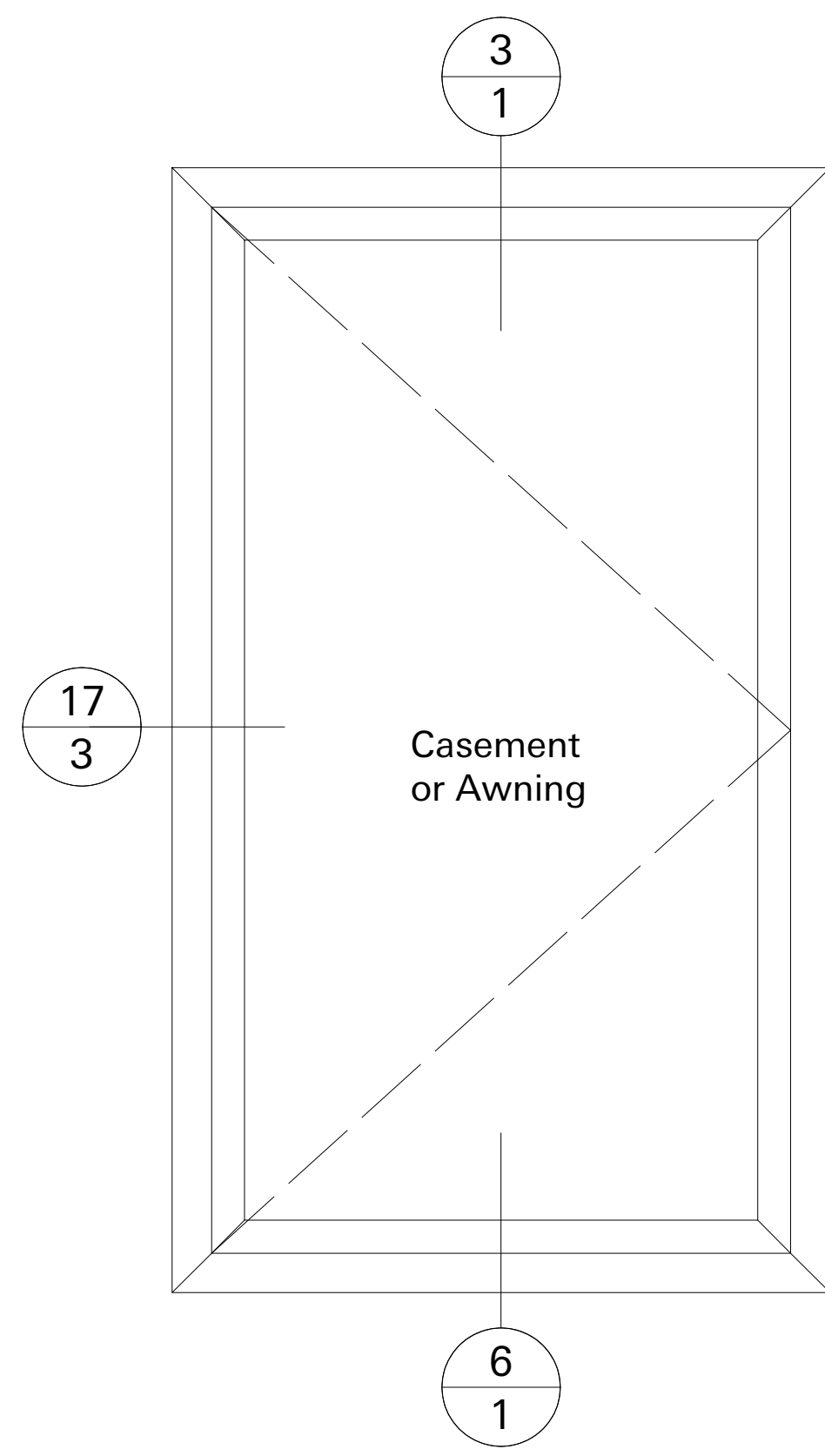
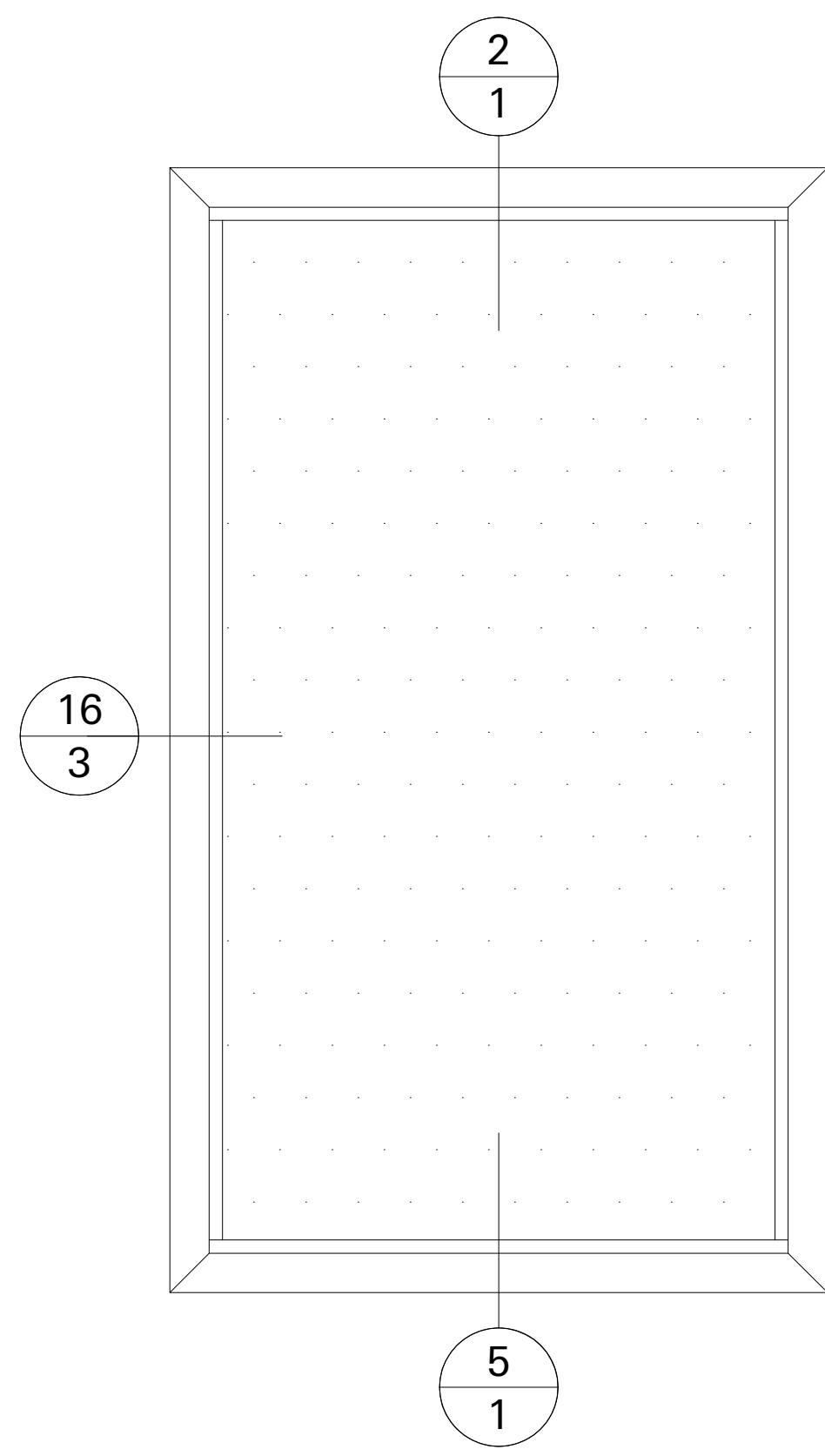
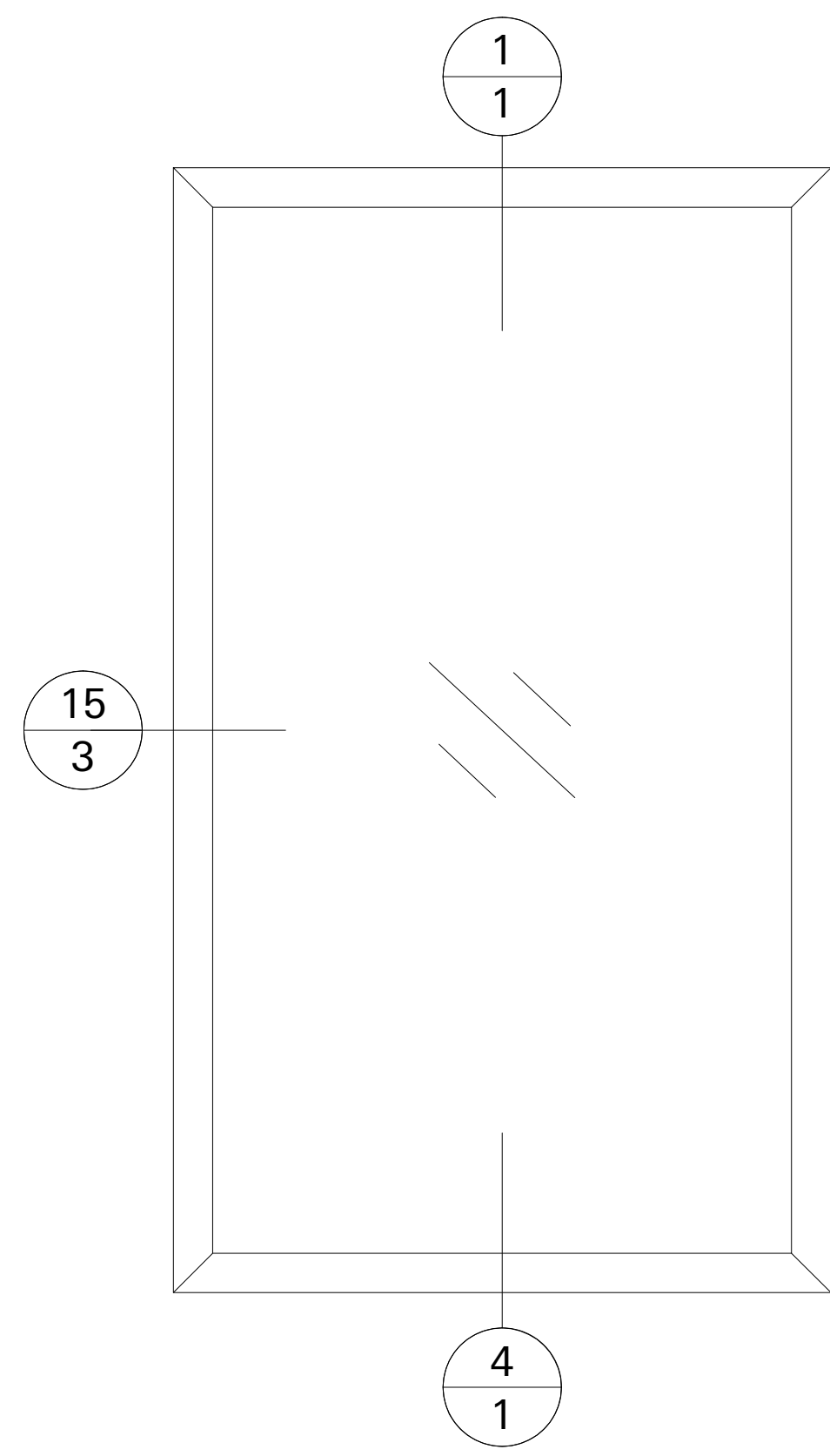
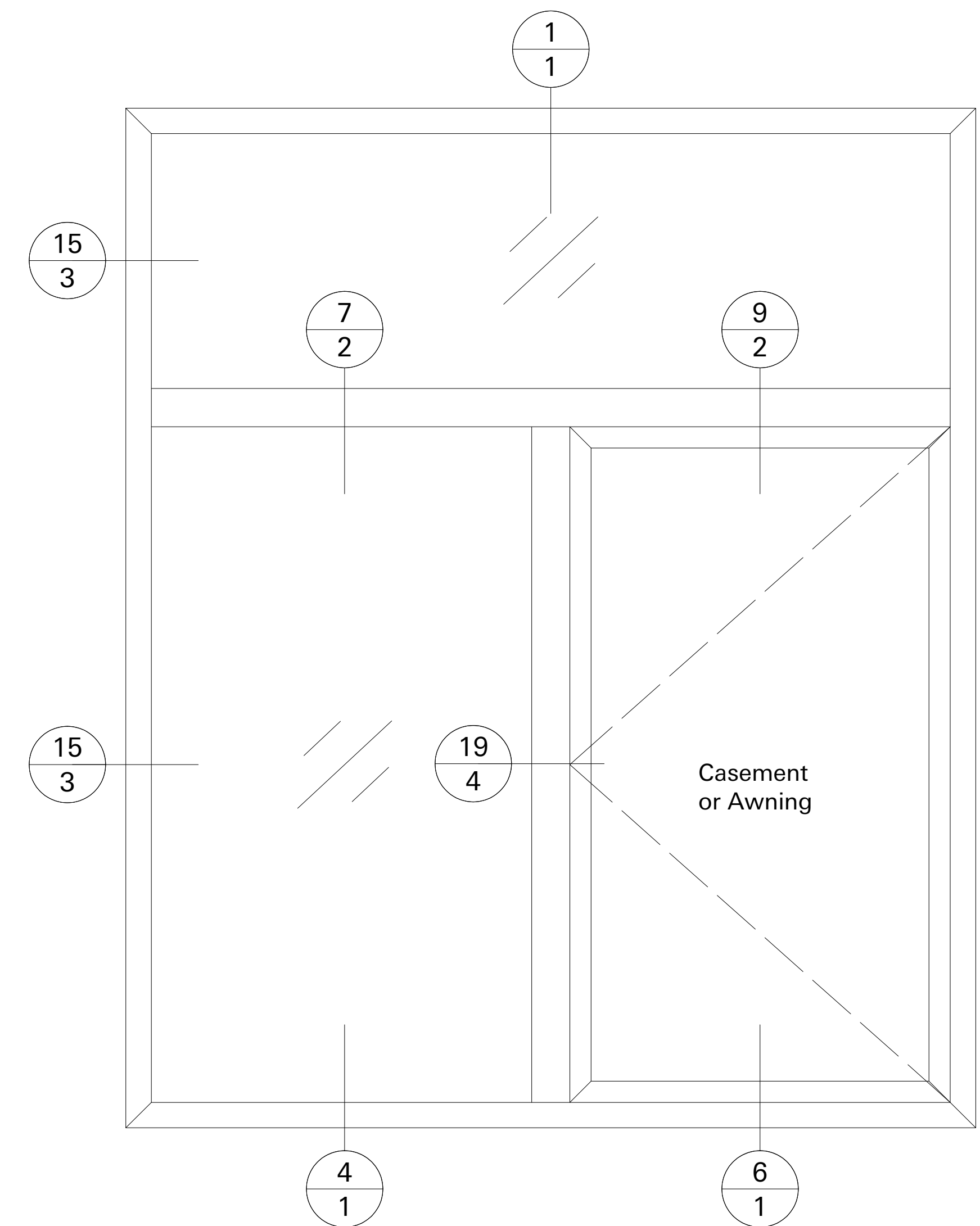
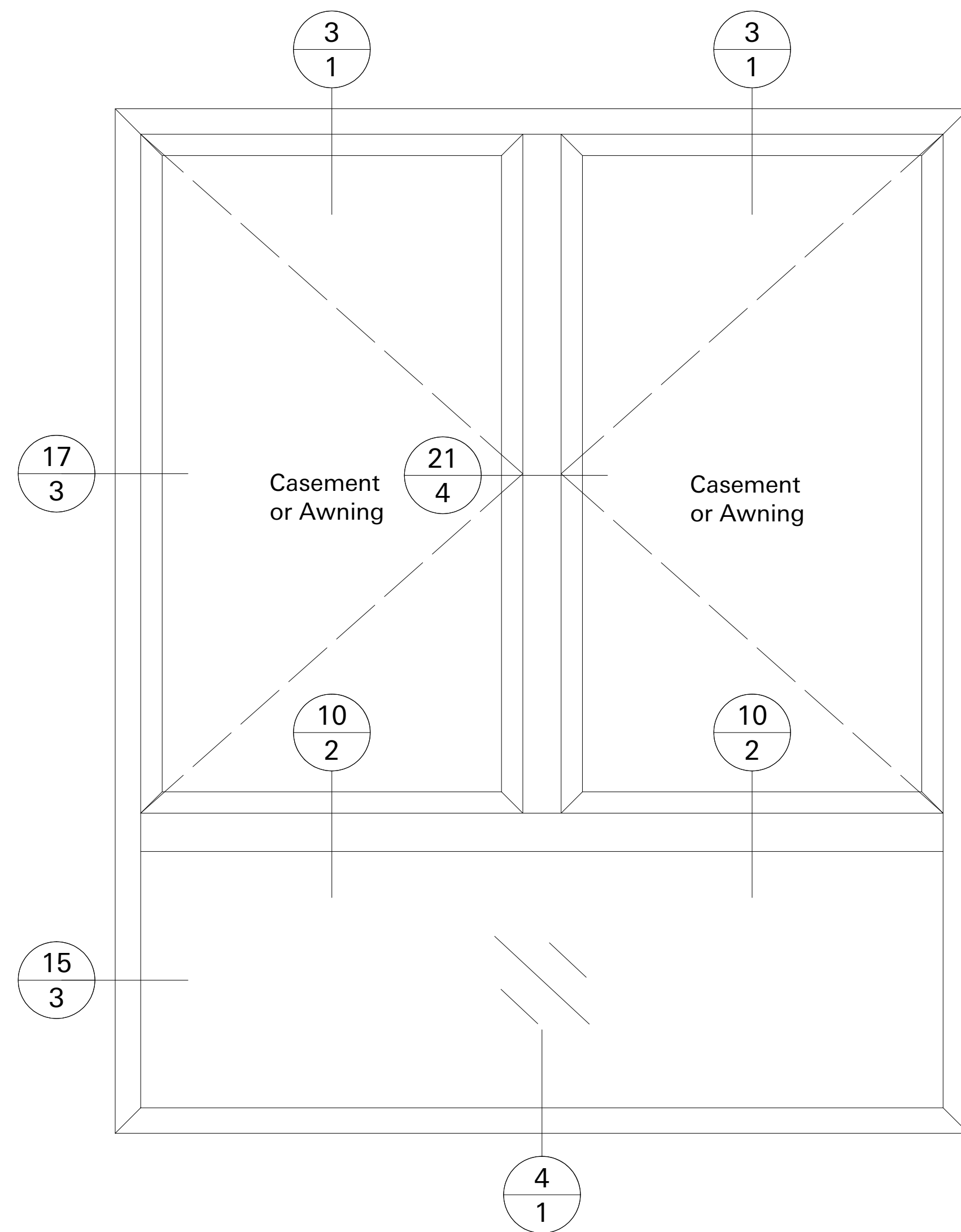
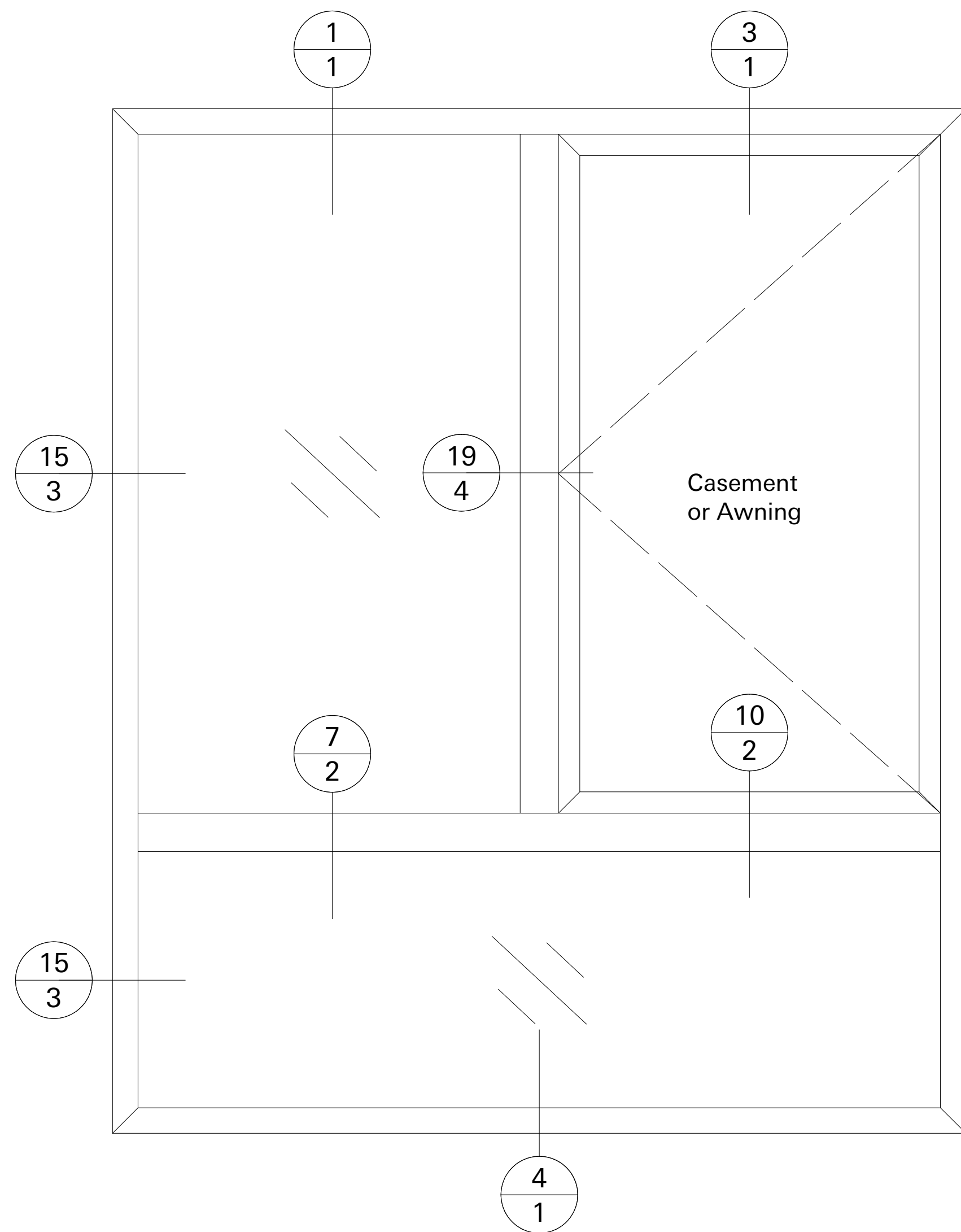
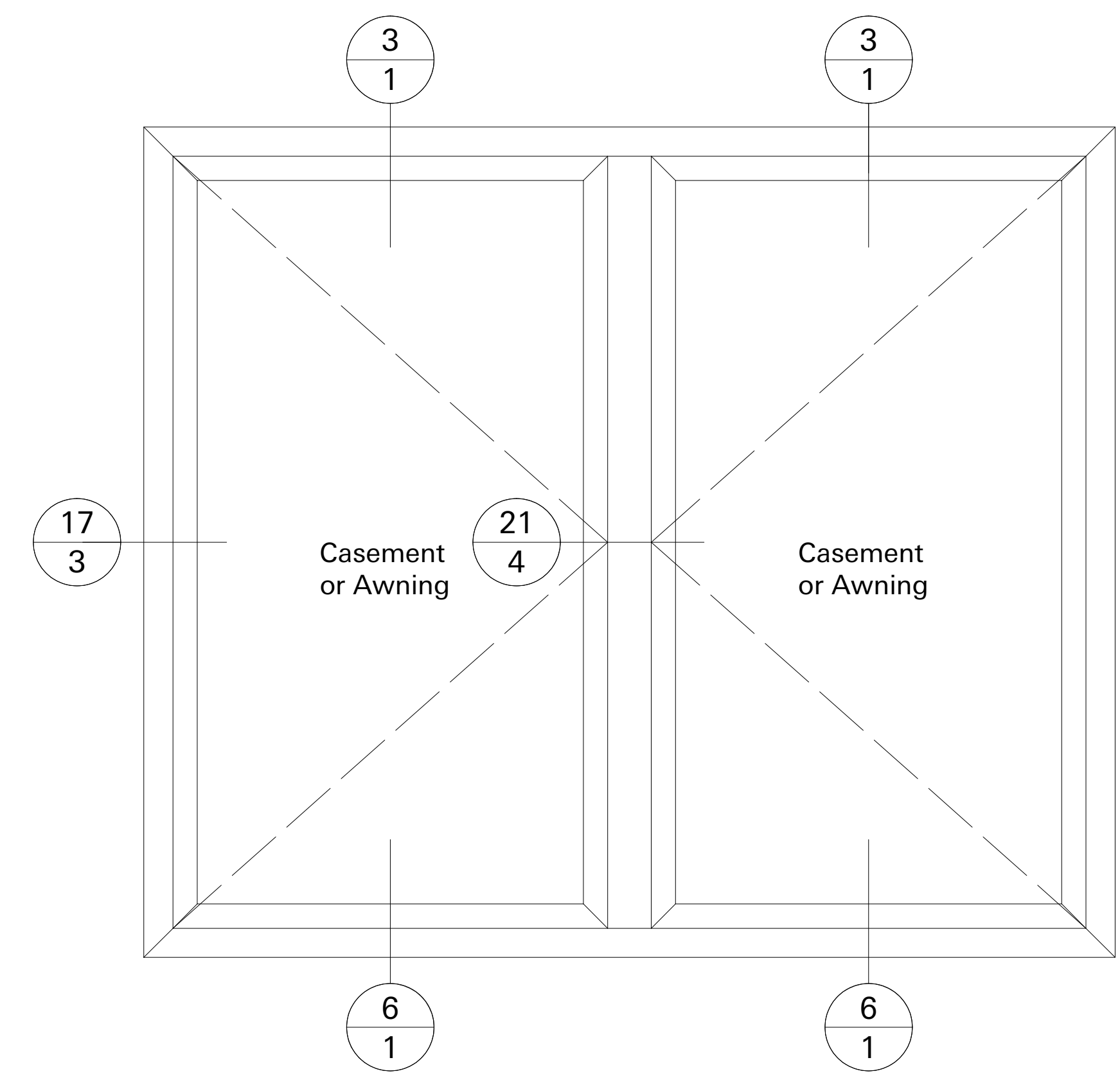
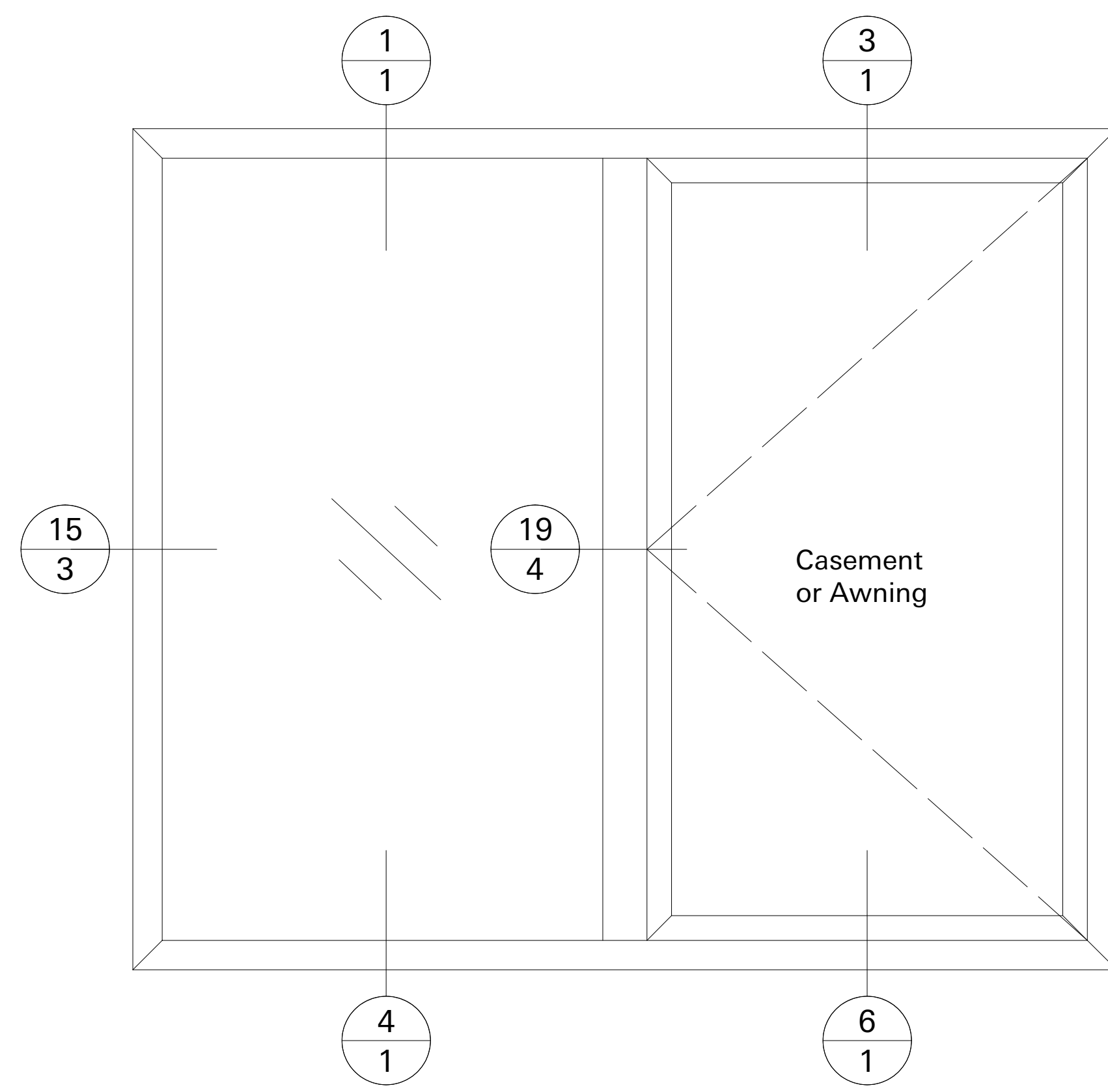
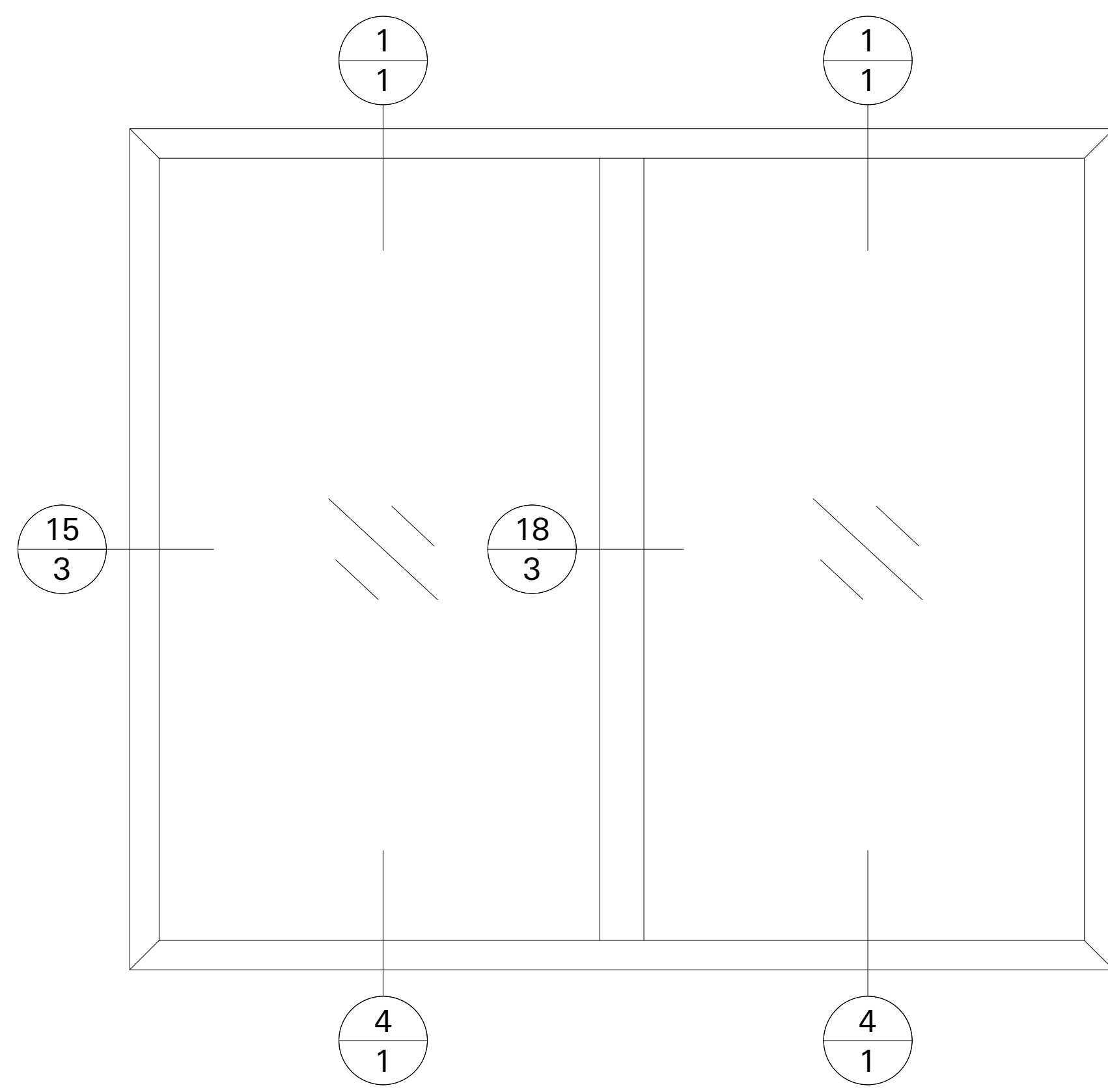
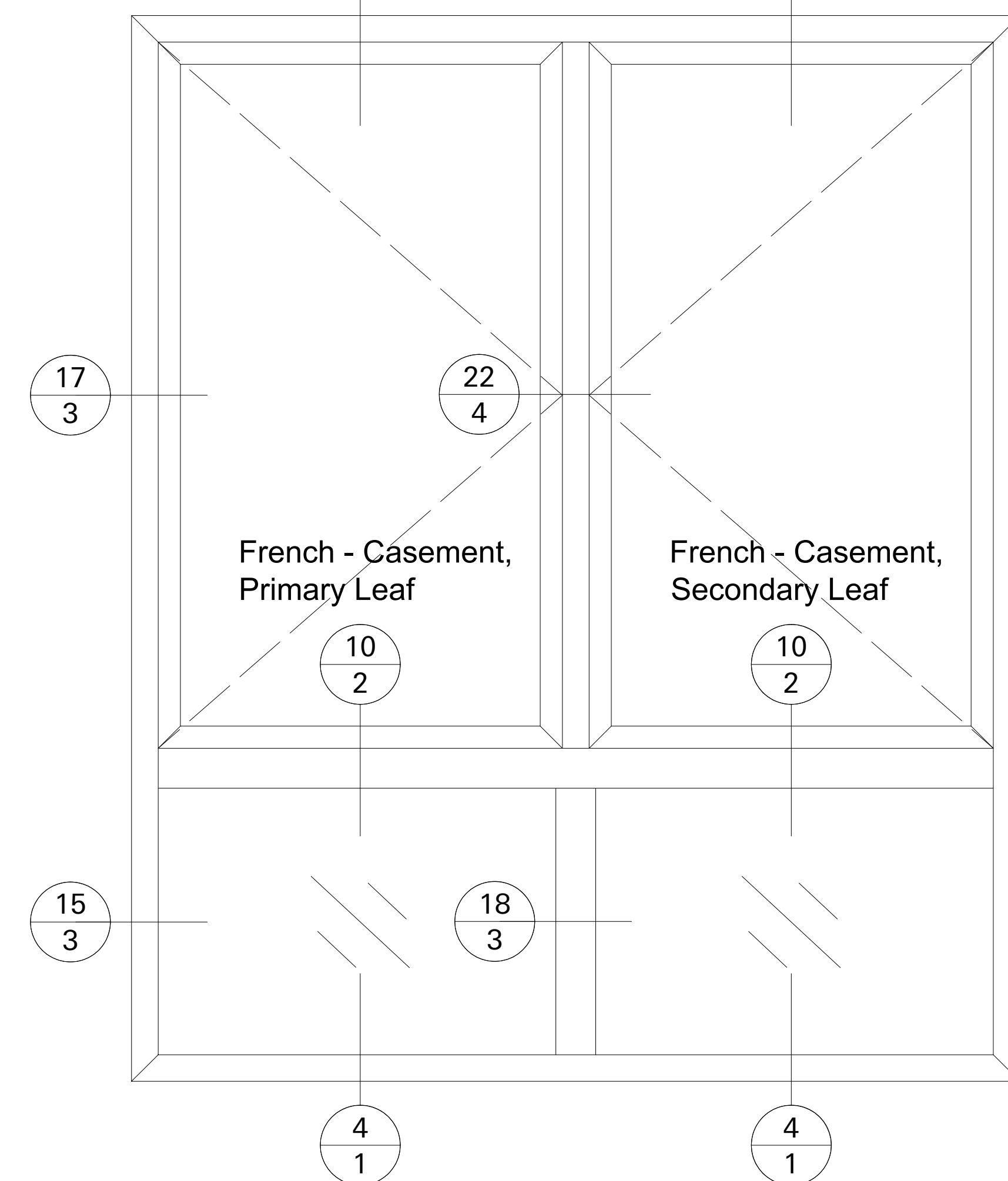
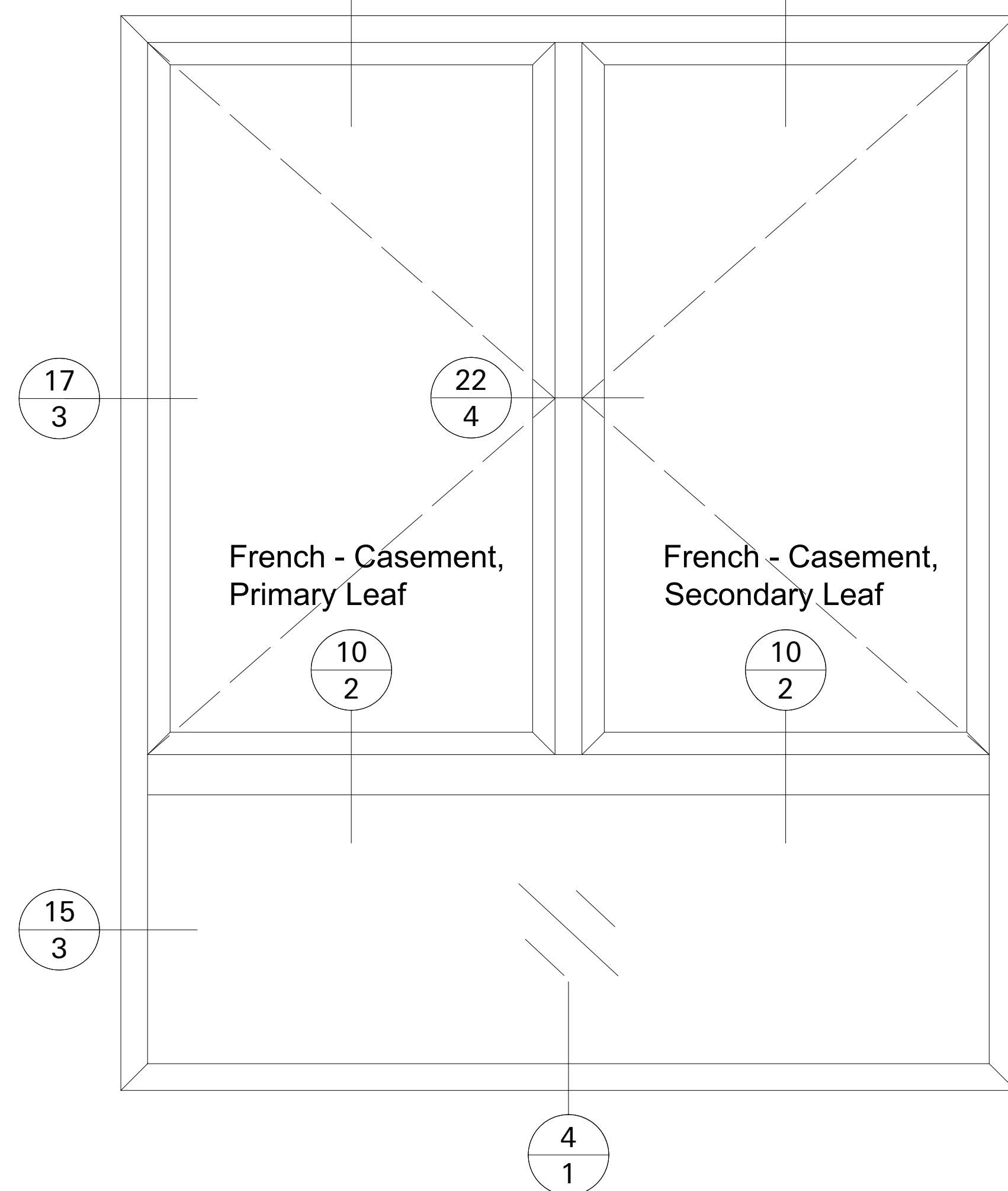
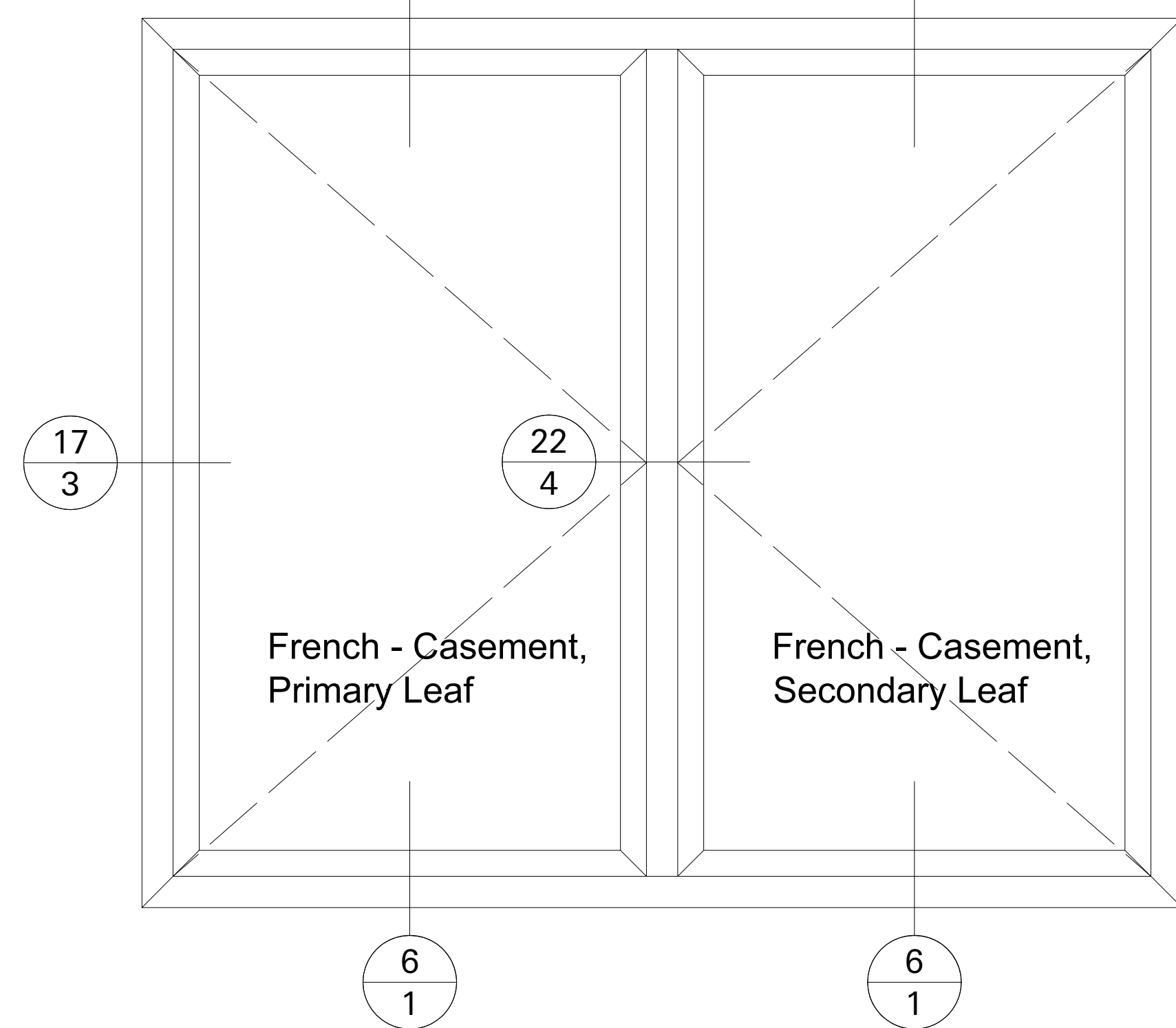
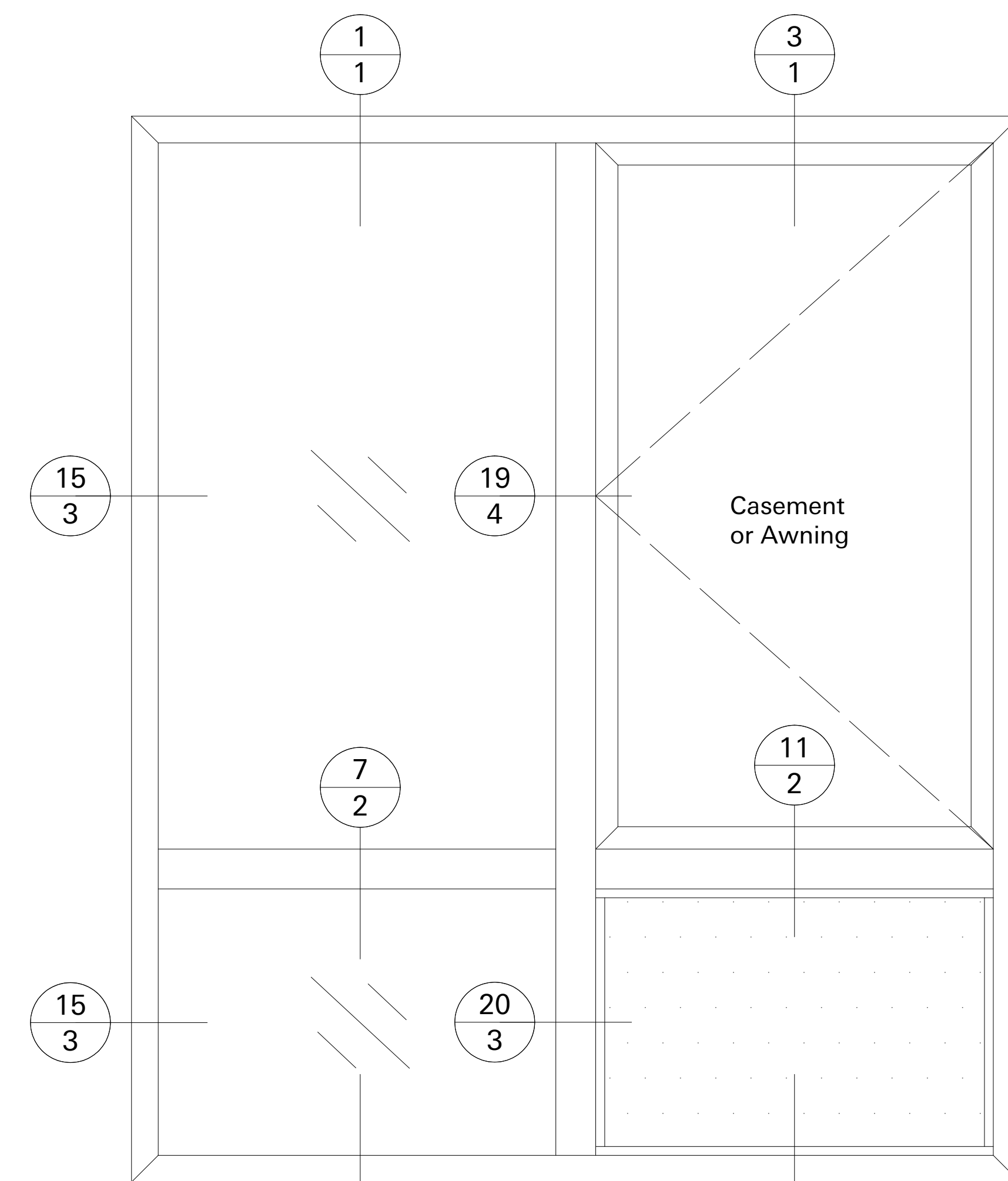
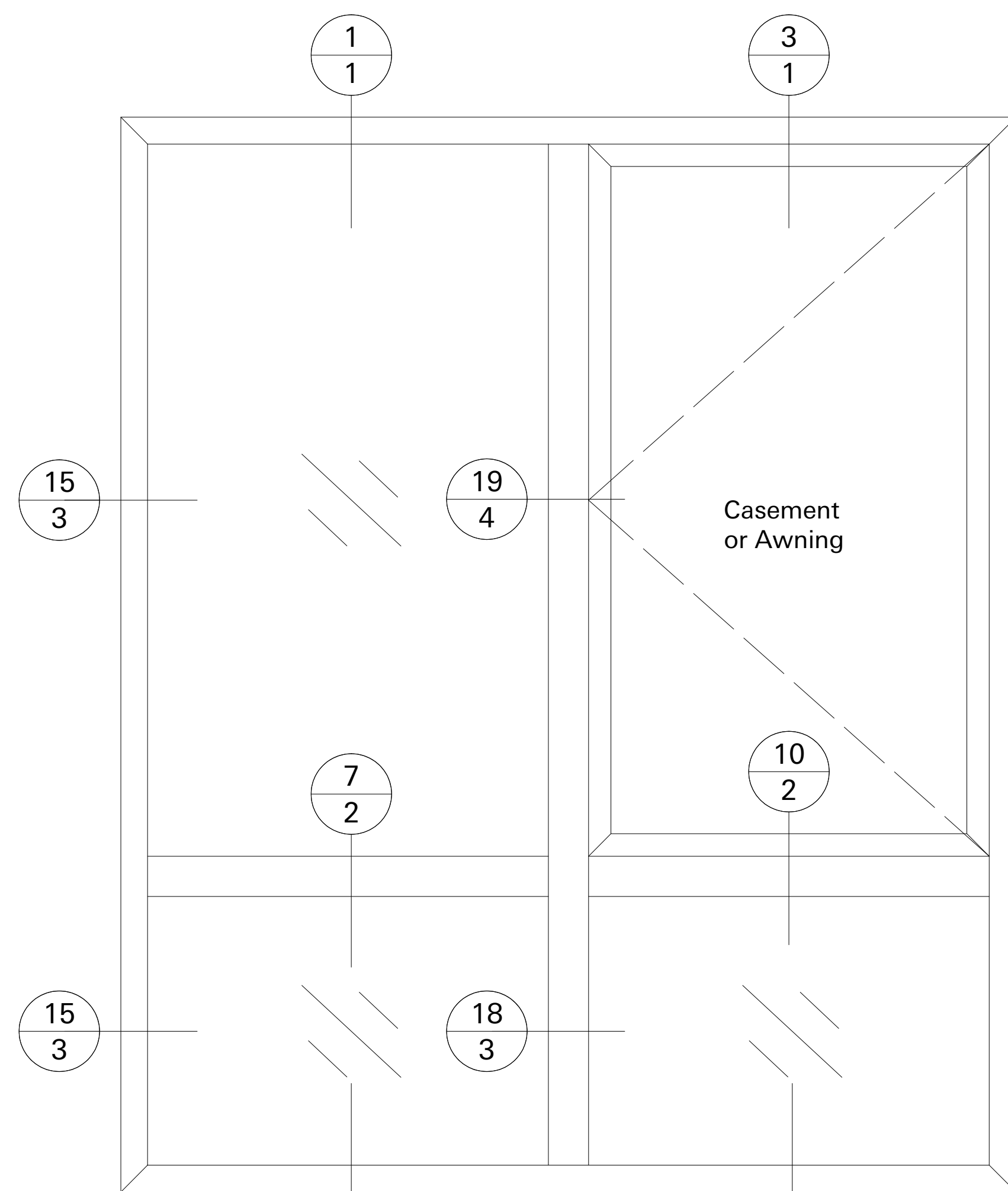
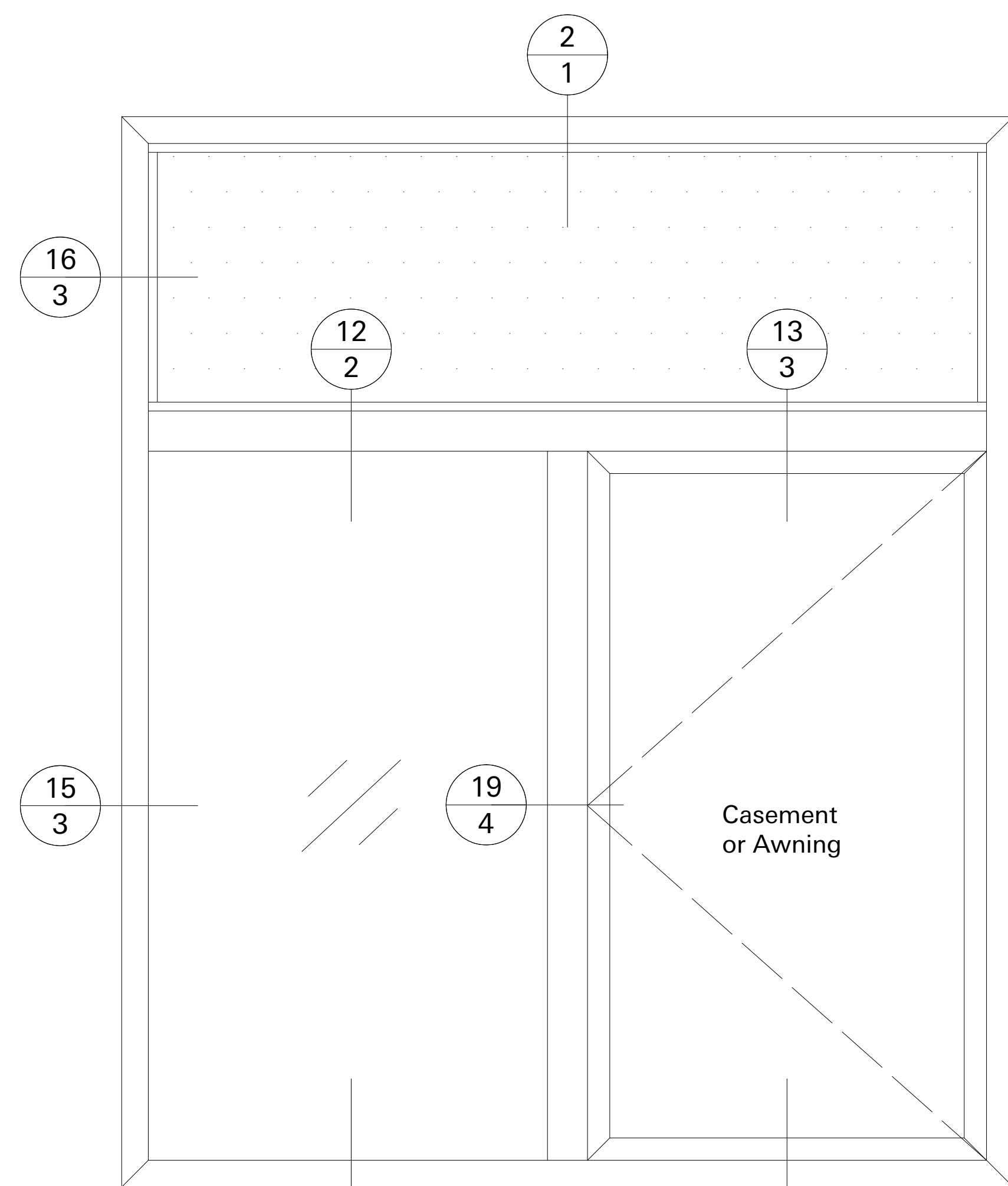
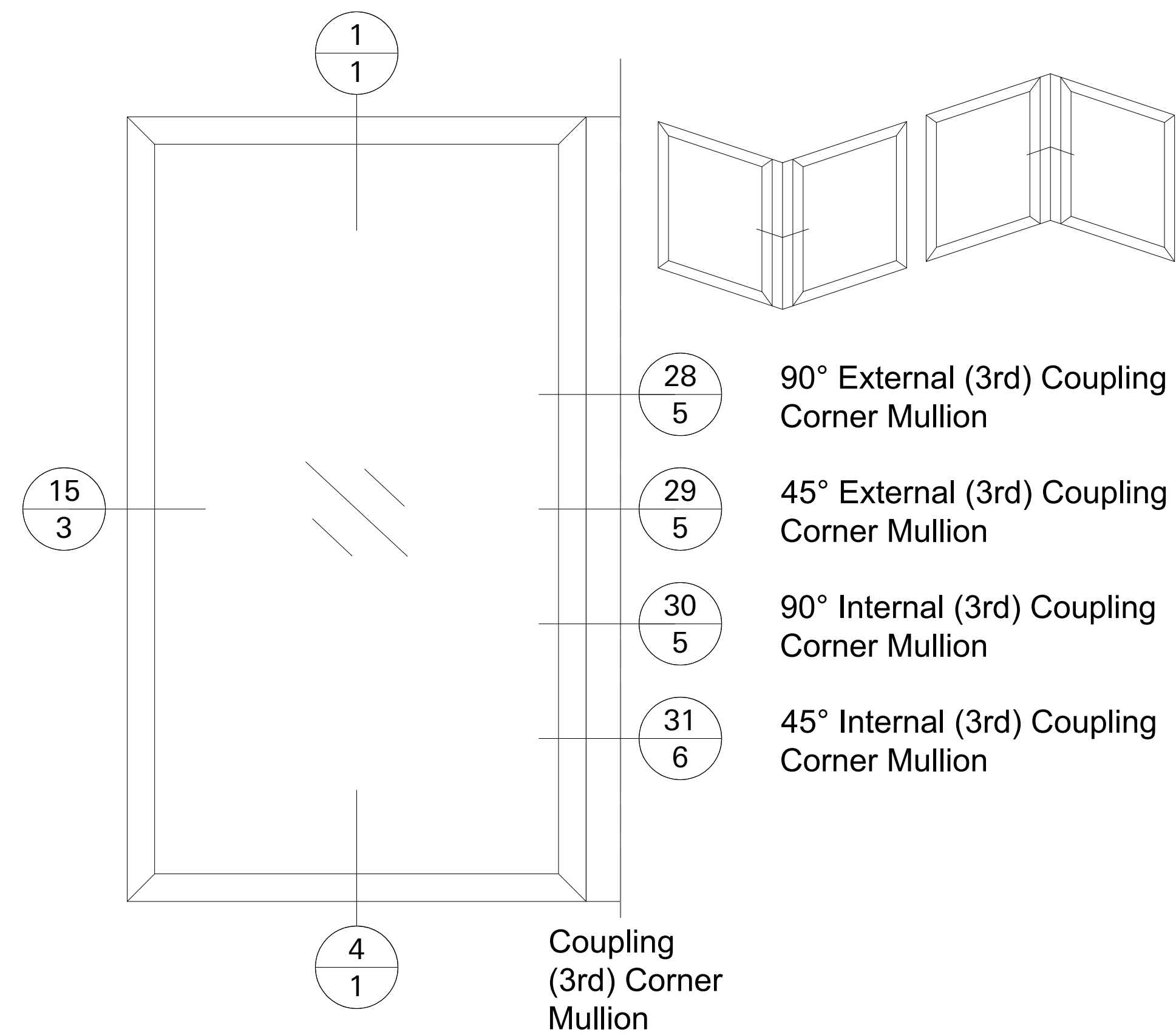
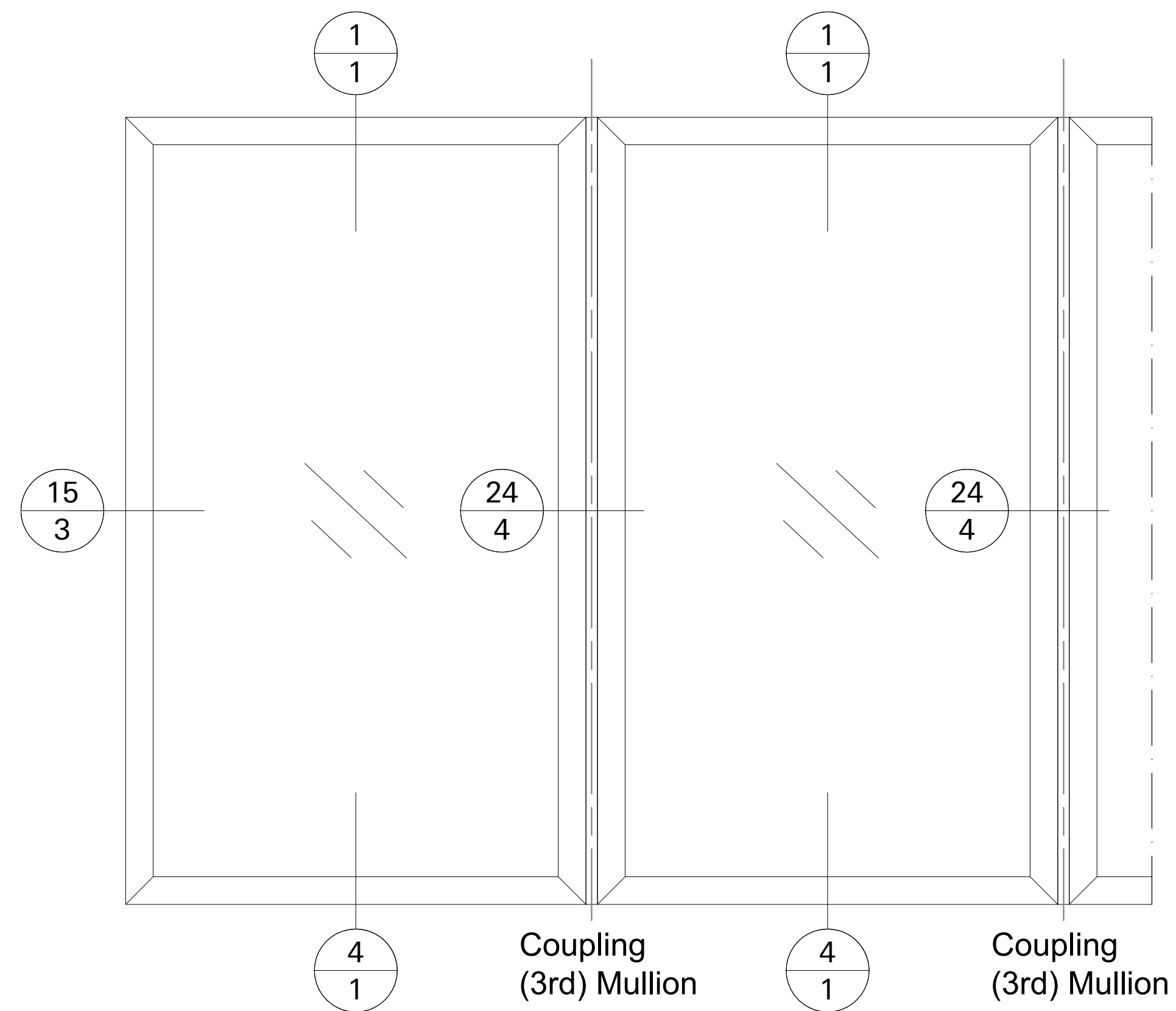
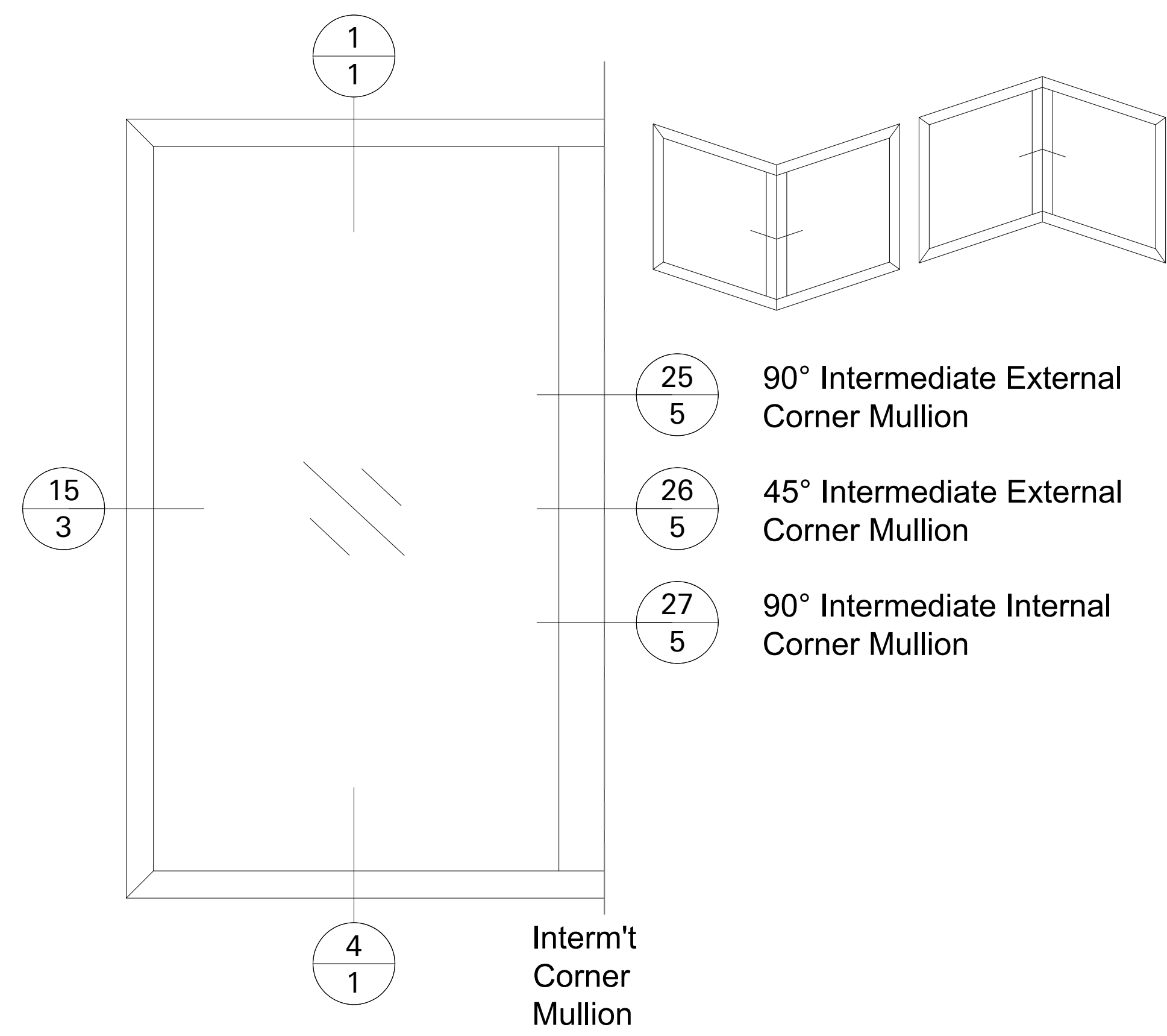
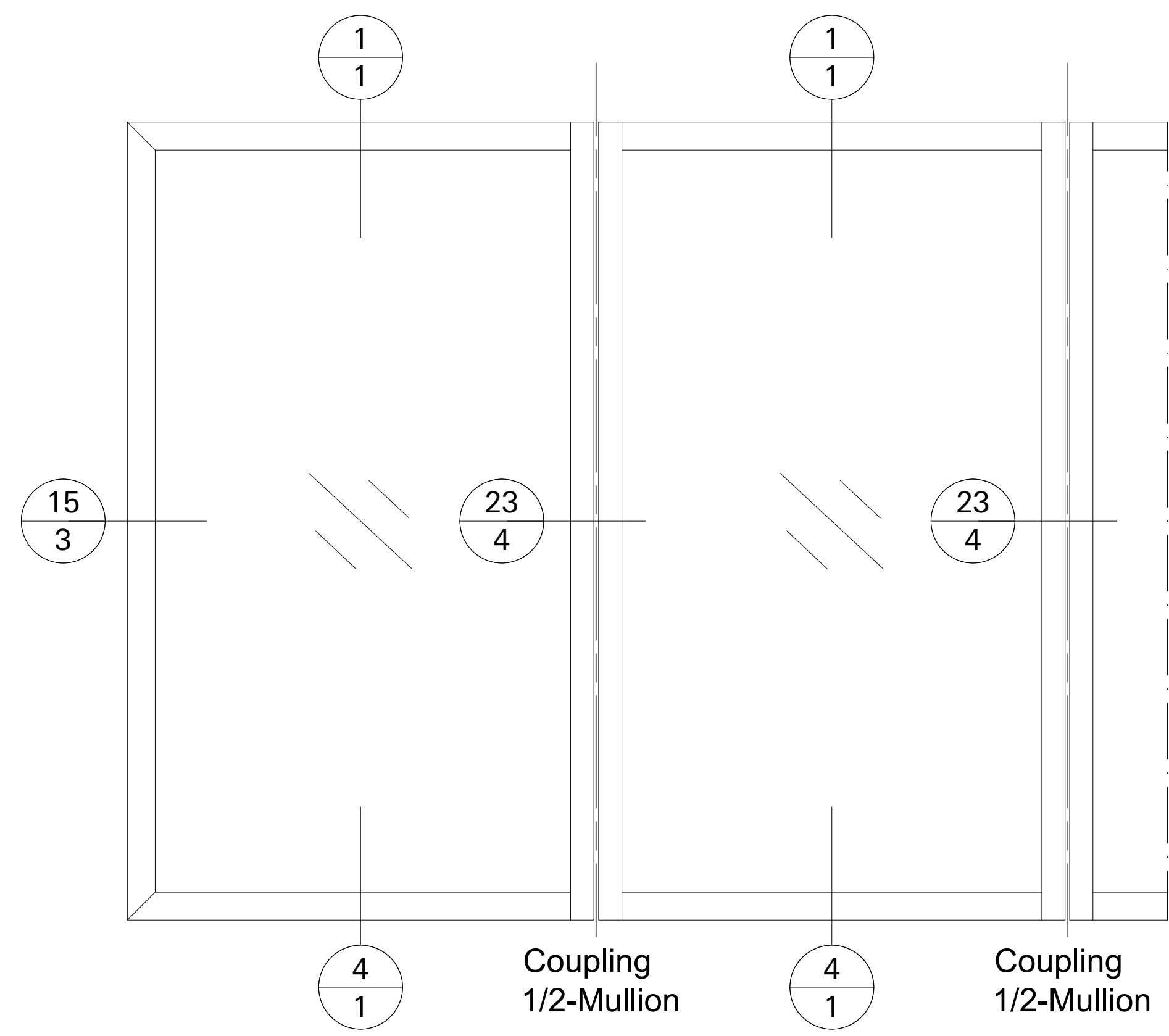


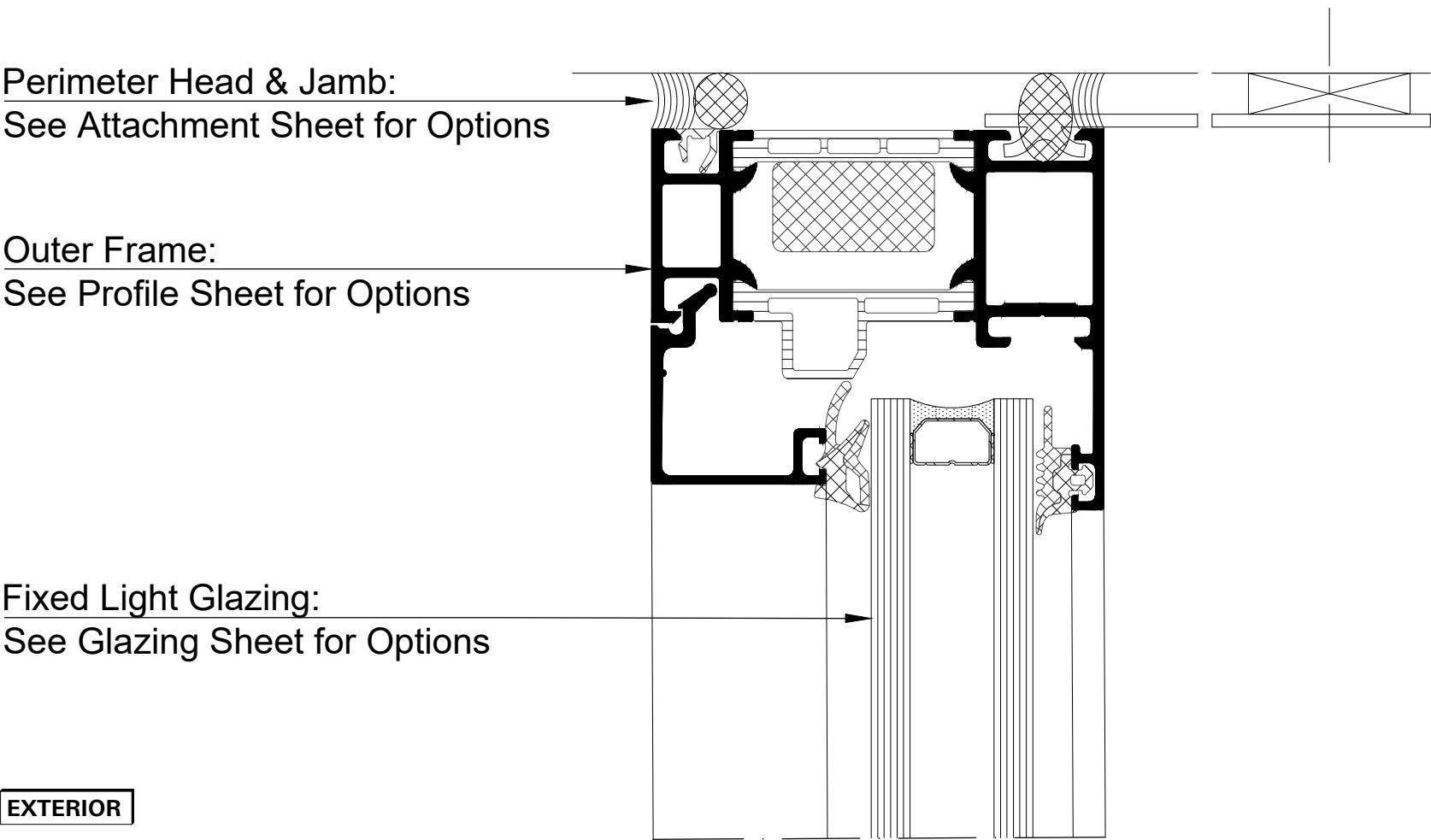




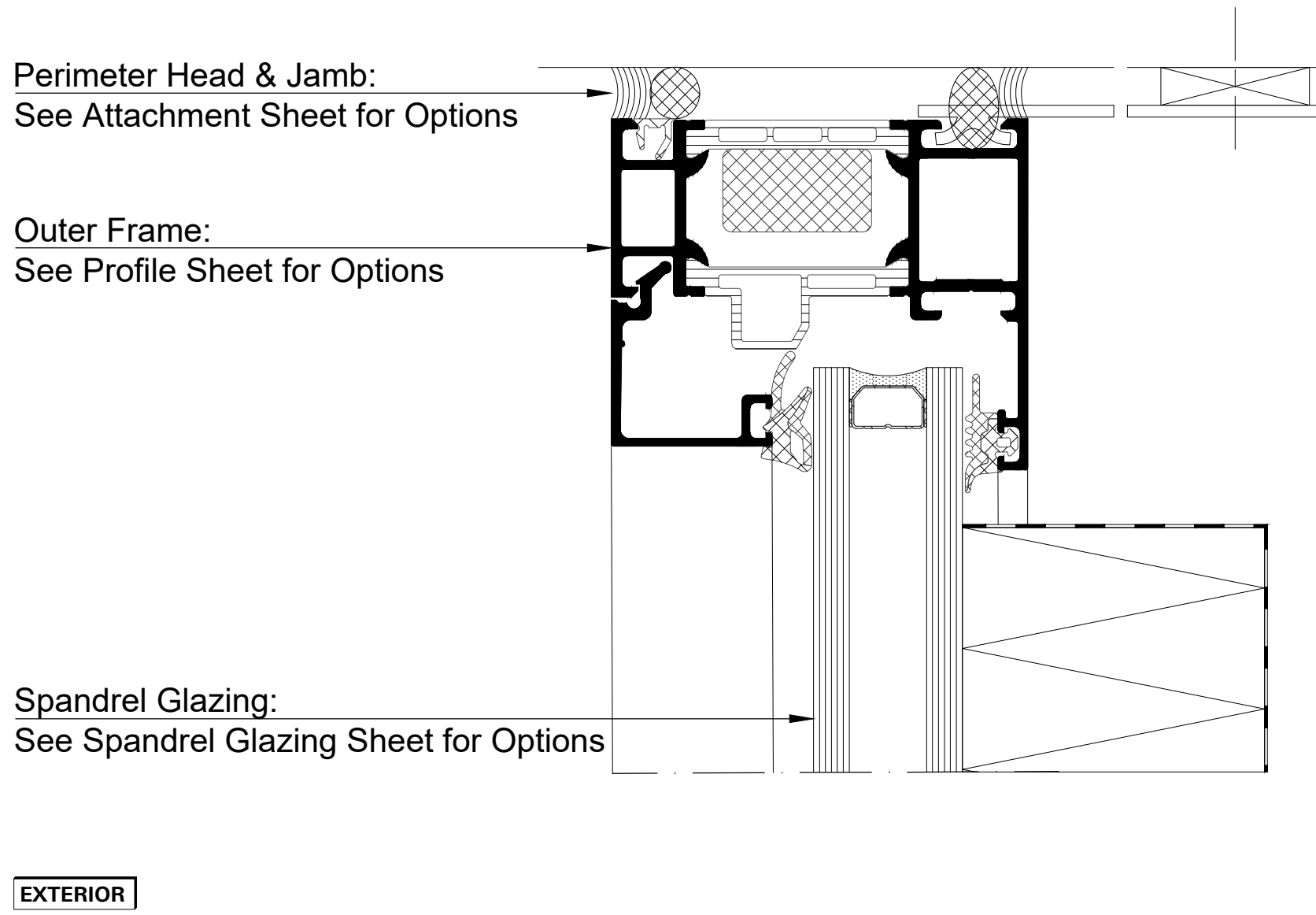




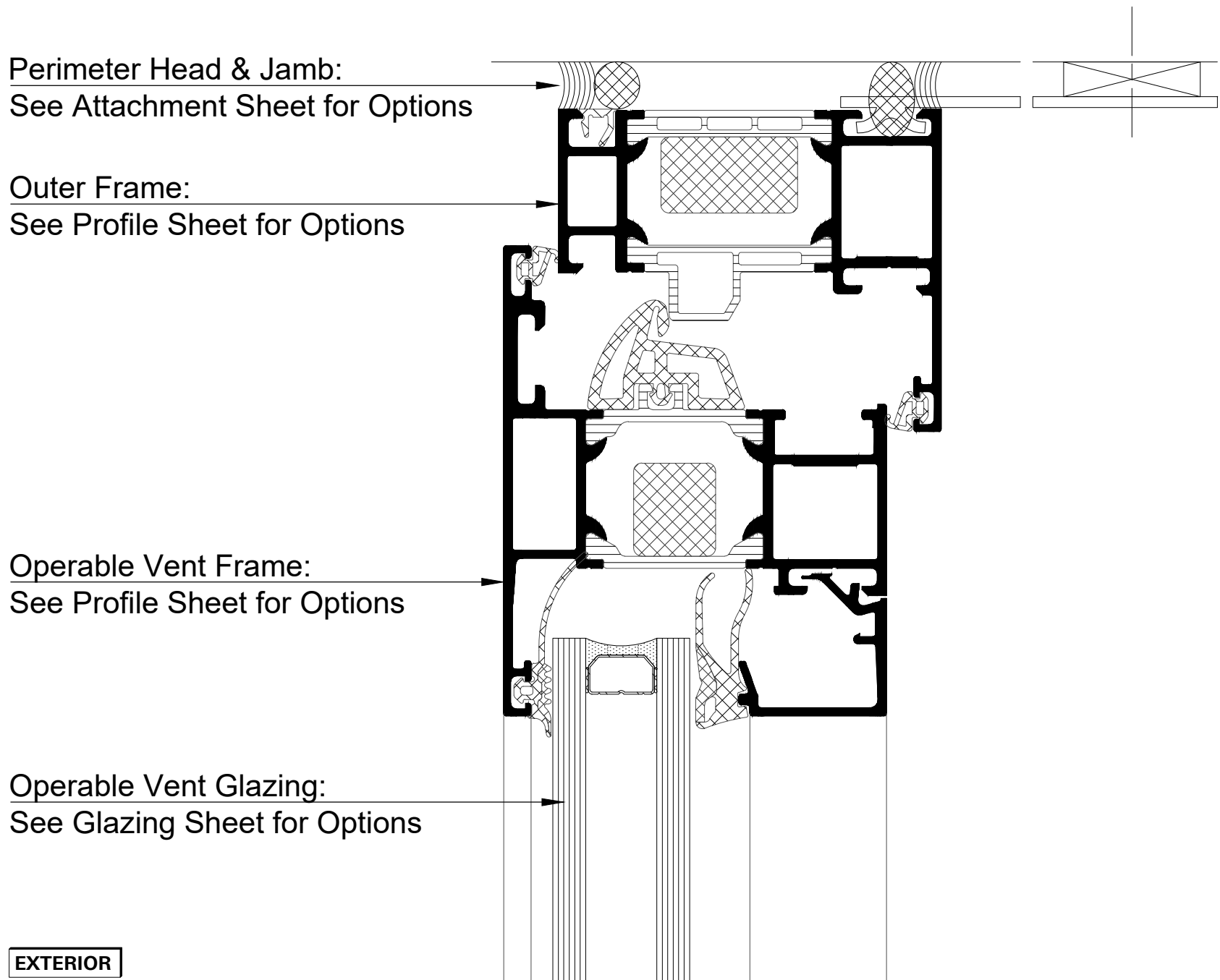
Only suitable for On-Site Glazing!



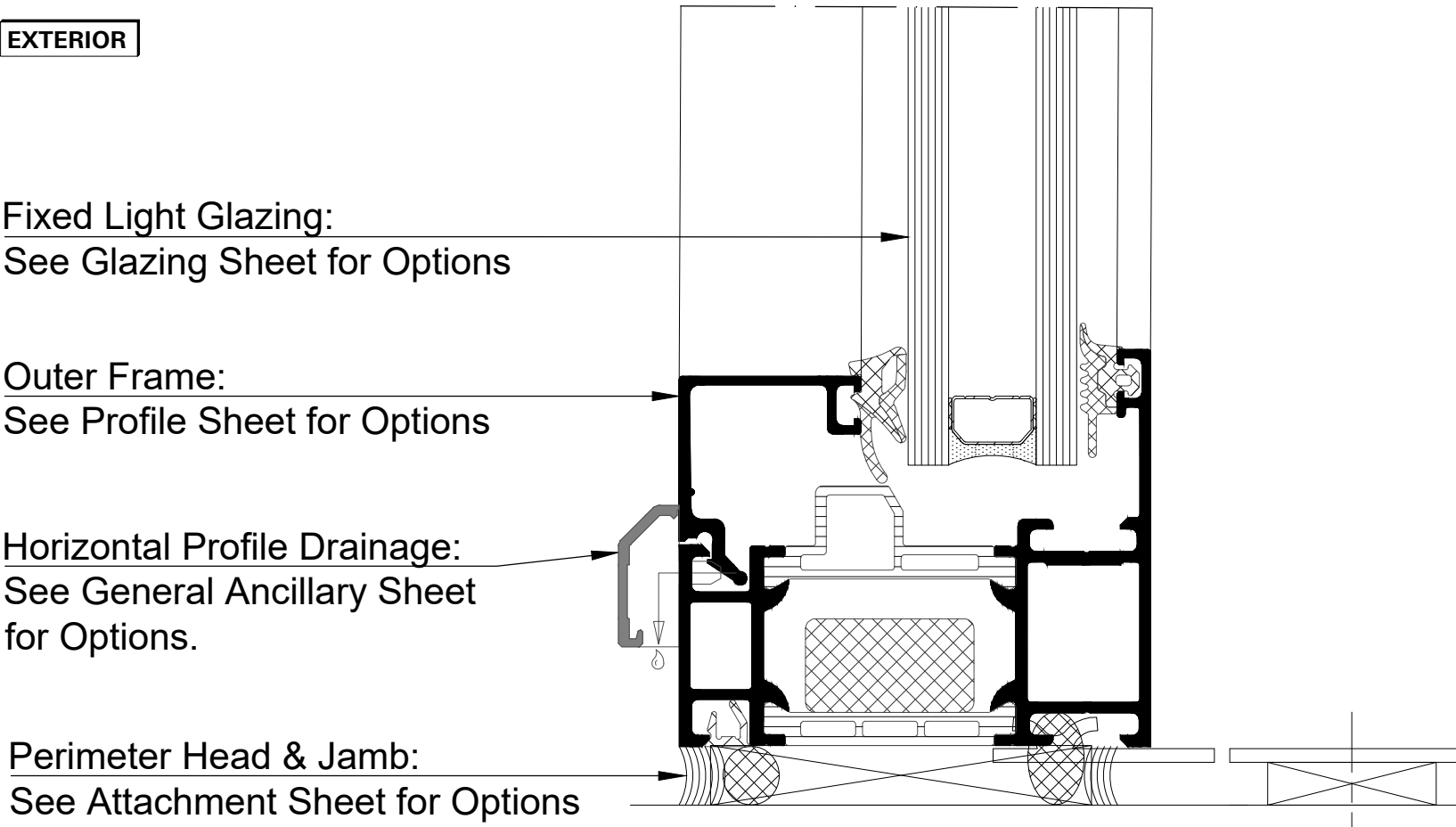
Detail 4



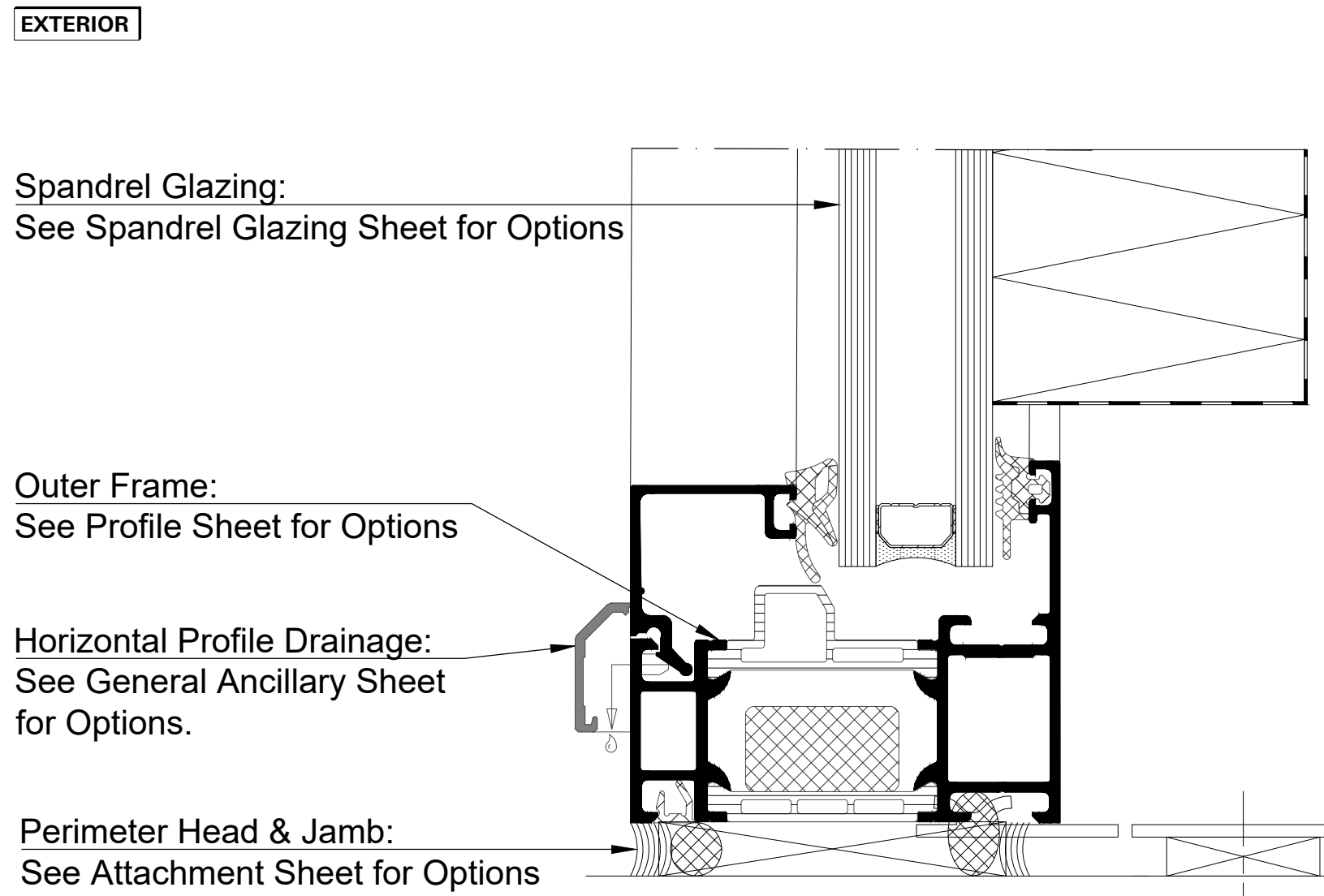
Detail 2



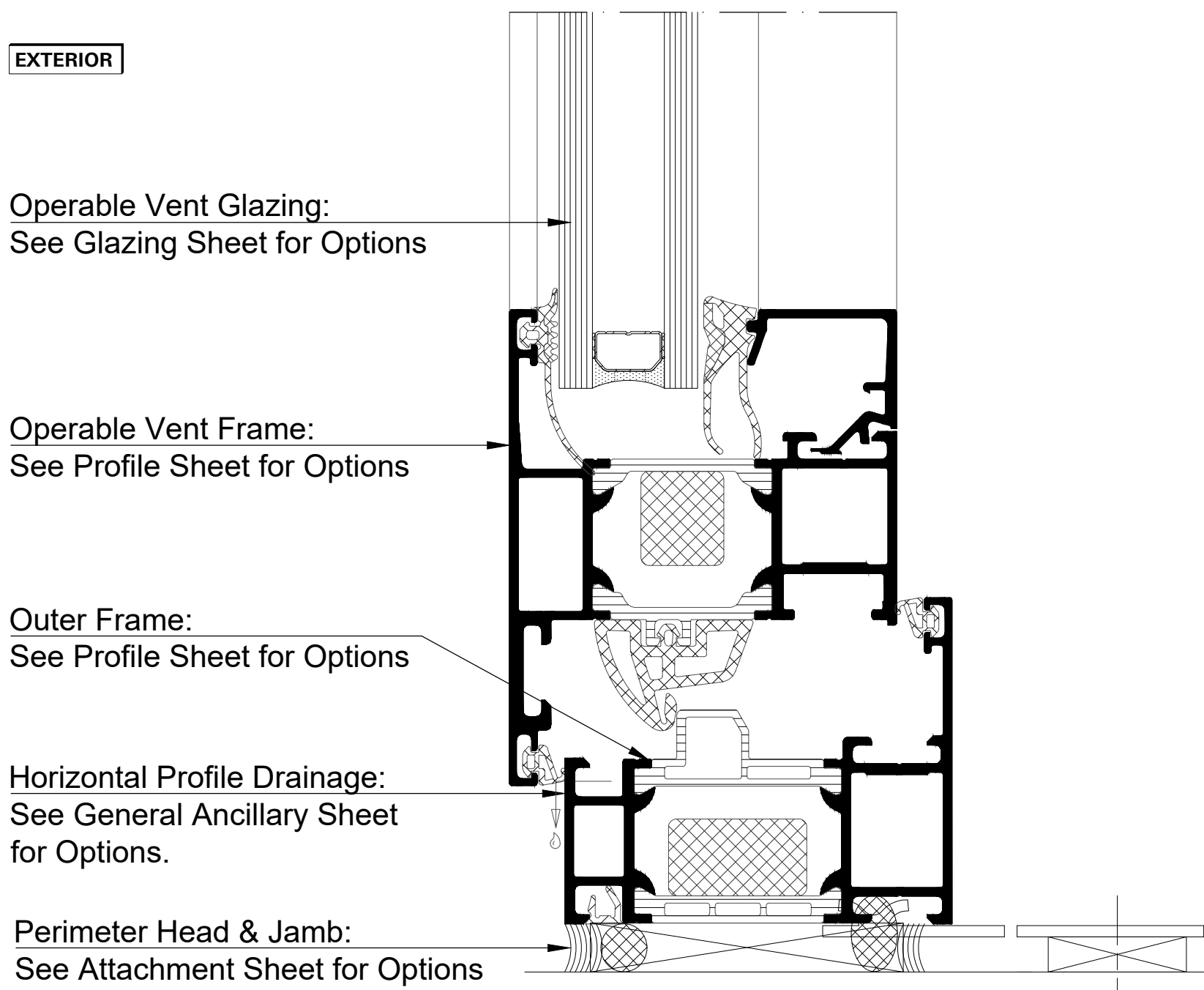
Detail 3



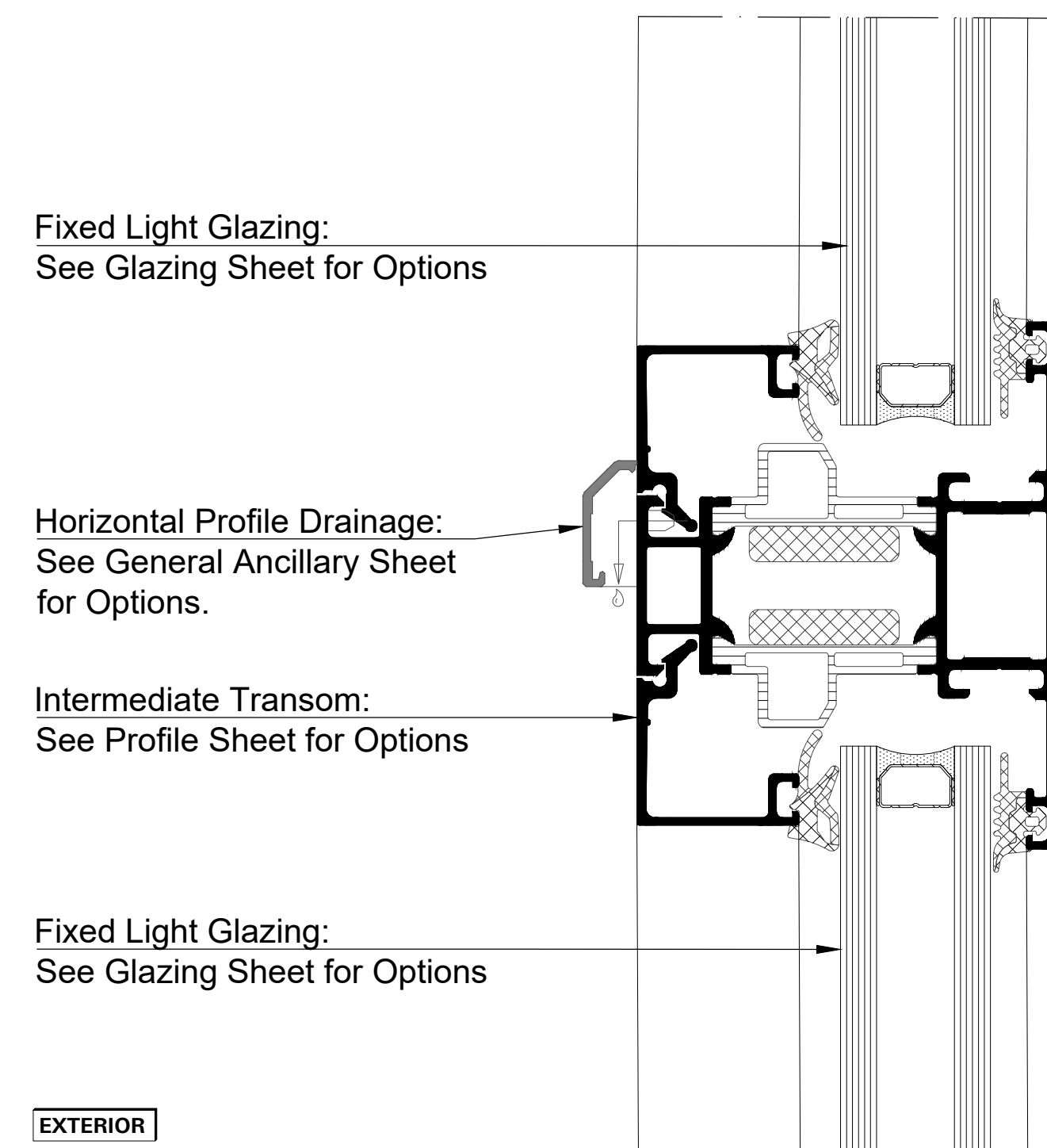
Detail 4



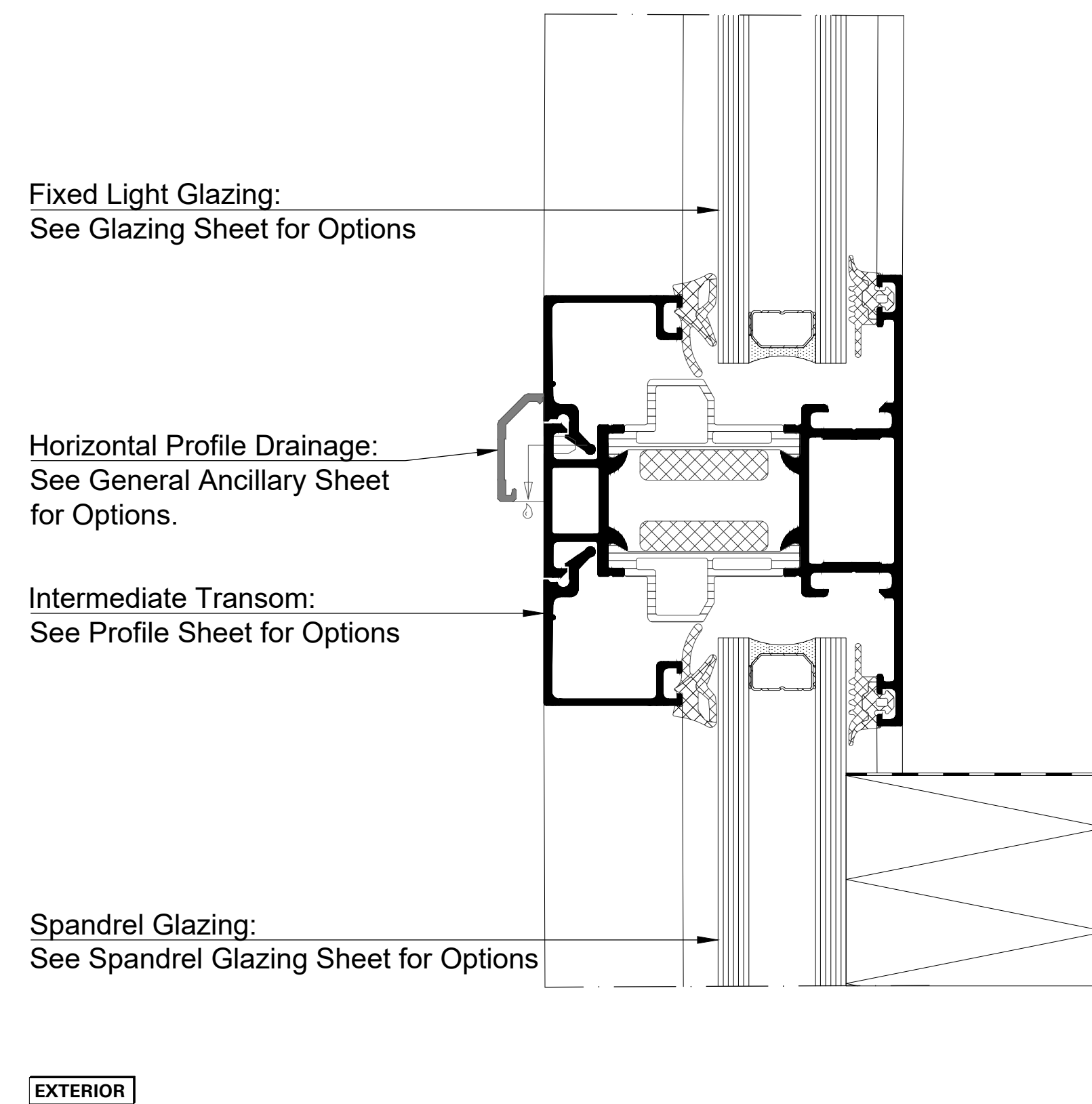
Detail 5



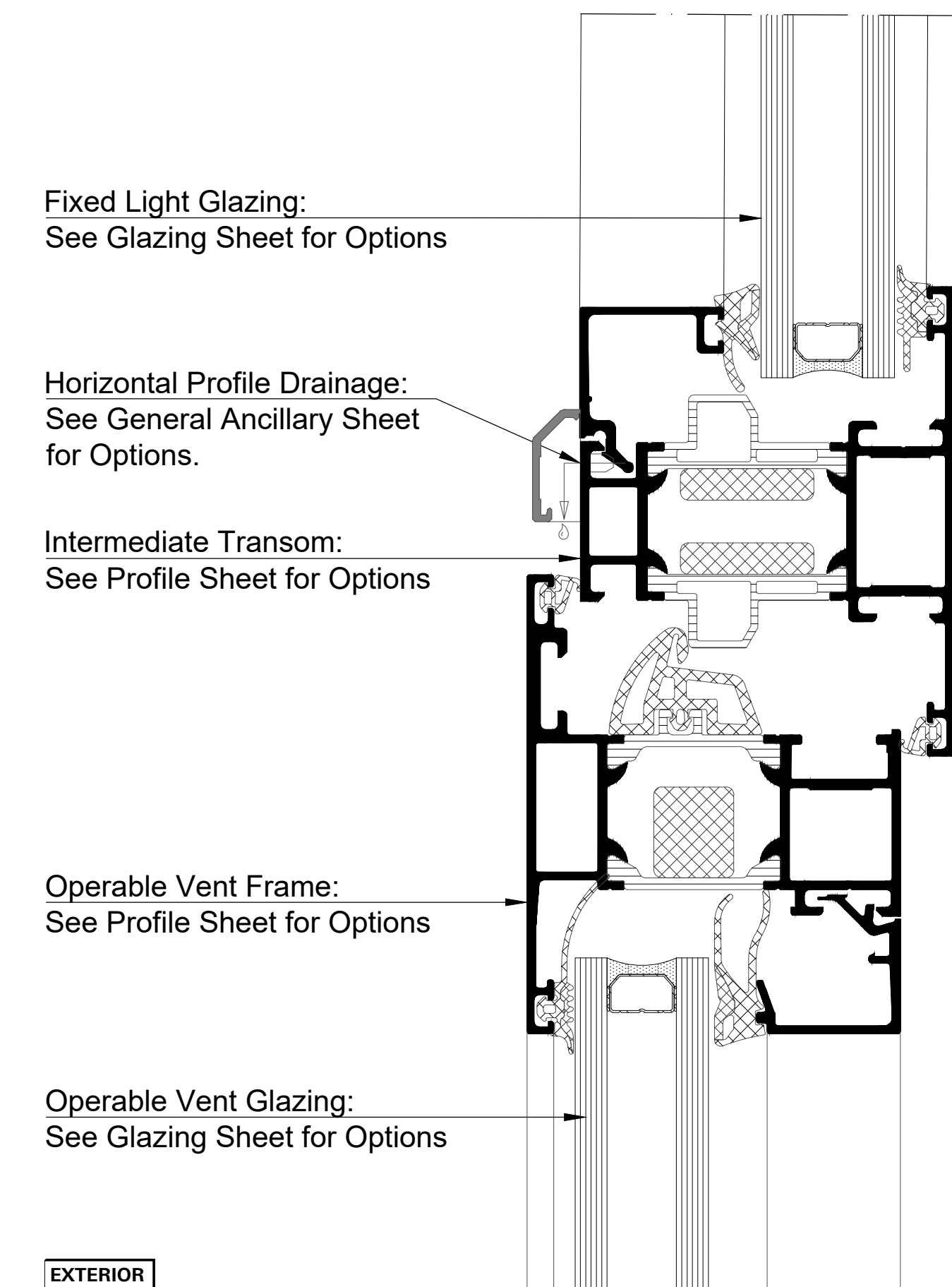
Detail 6



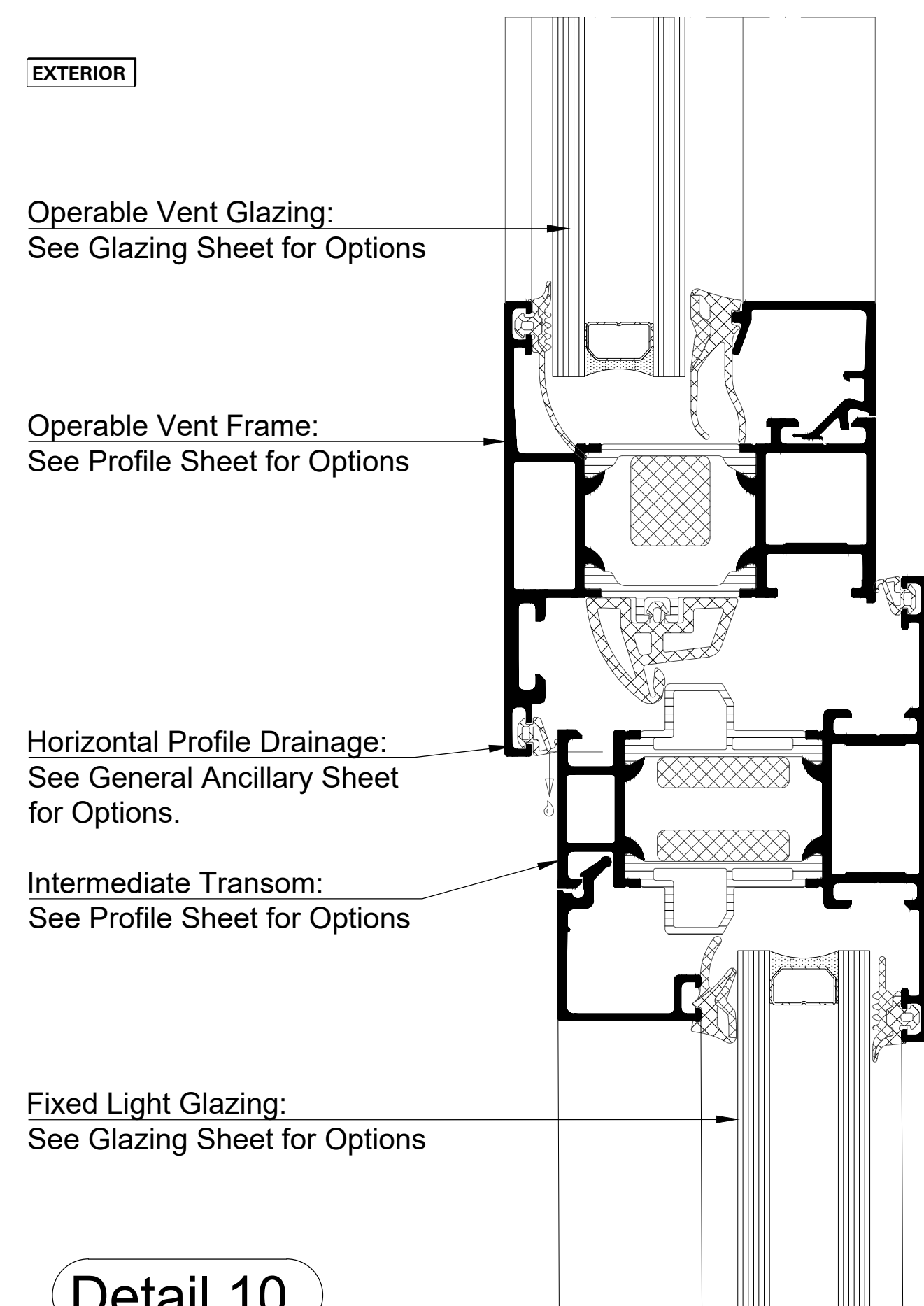
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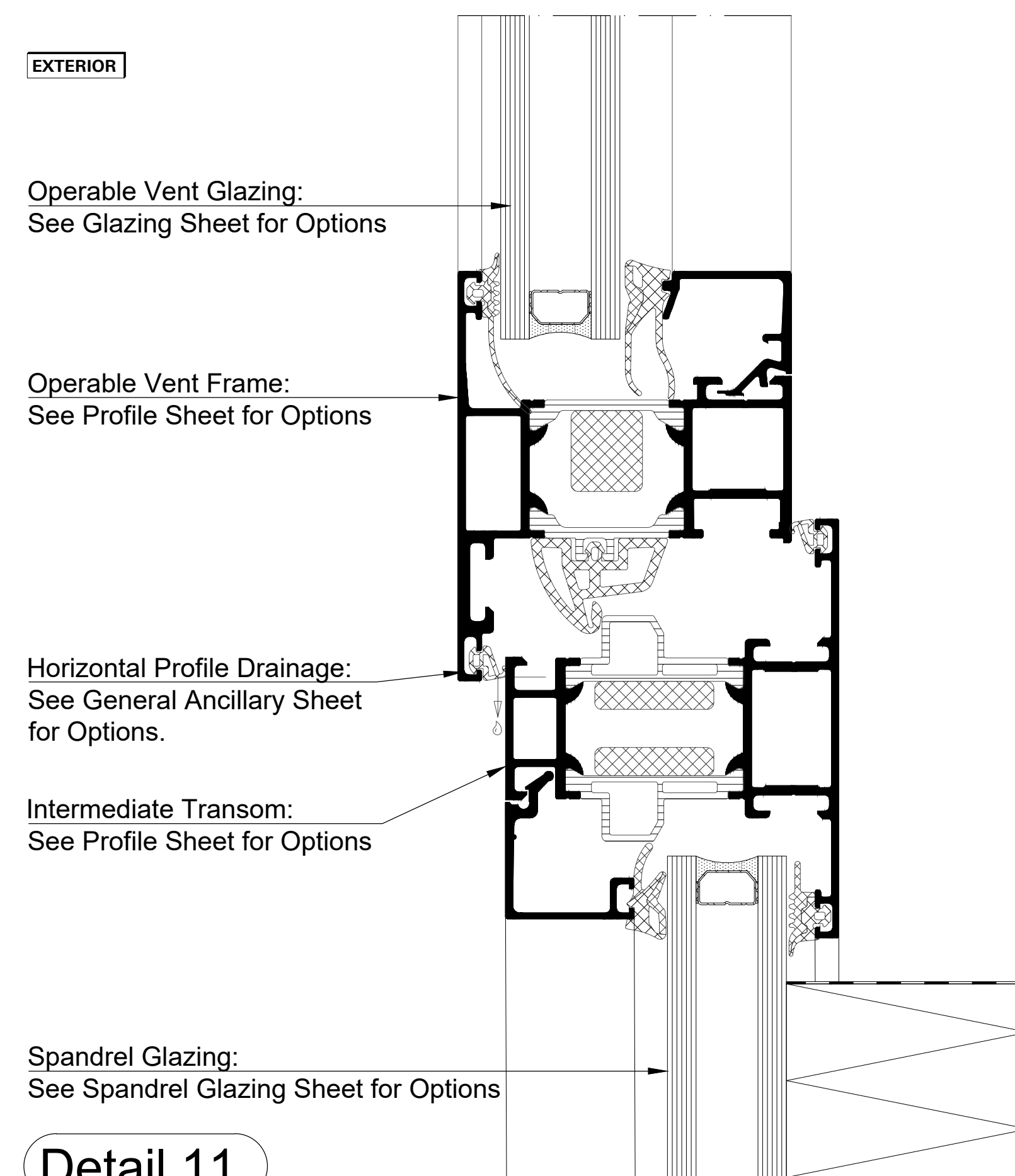
Detail 8



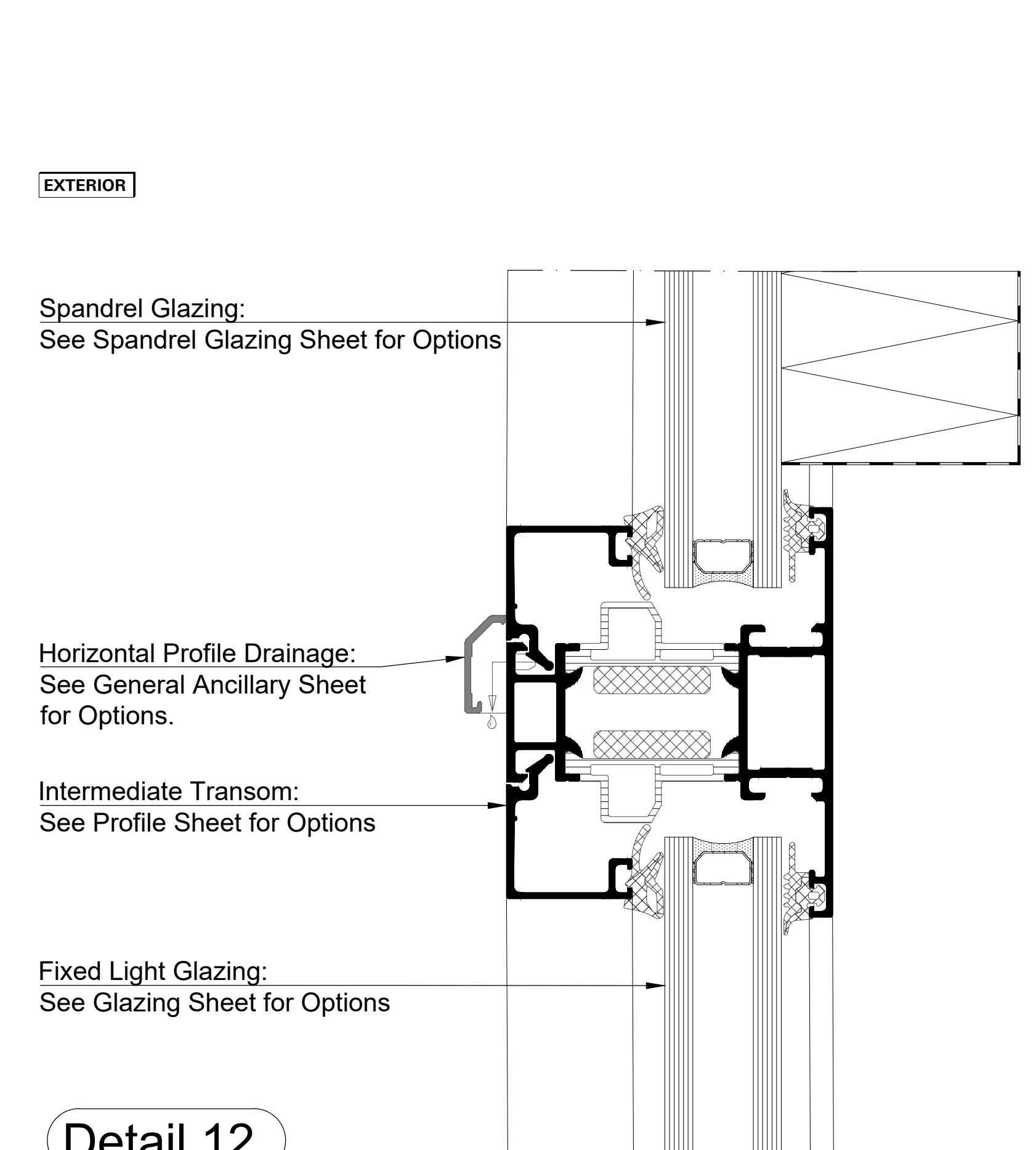
Detail 9



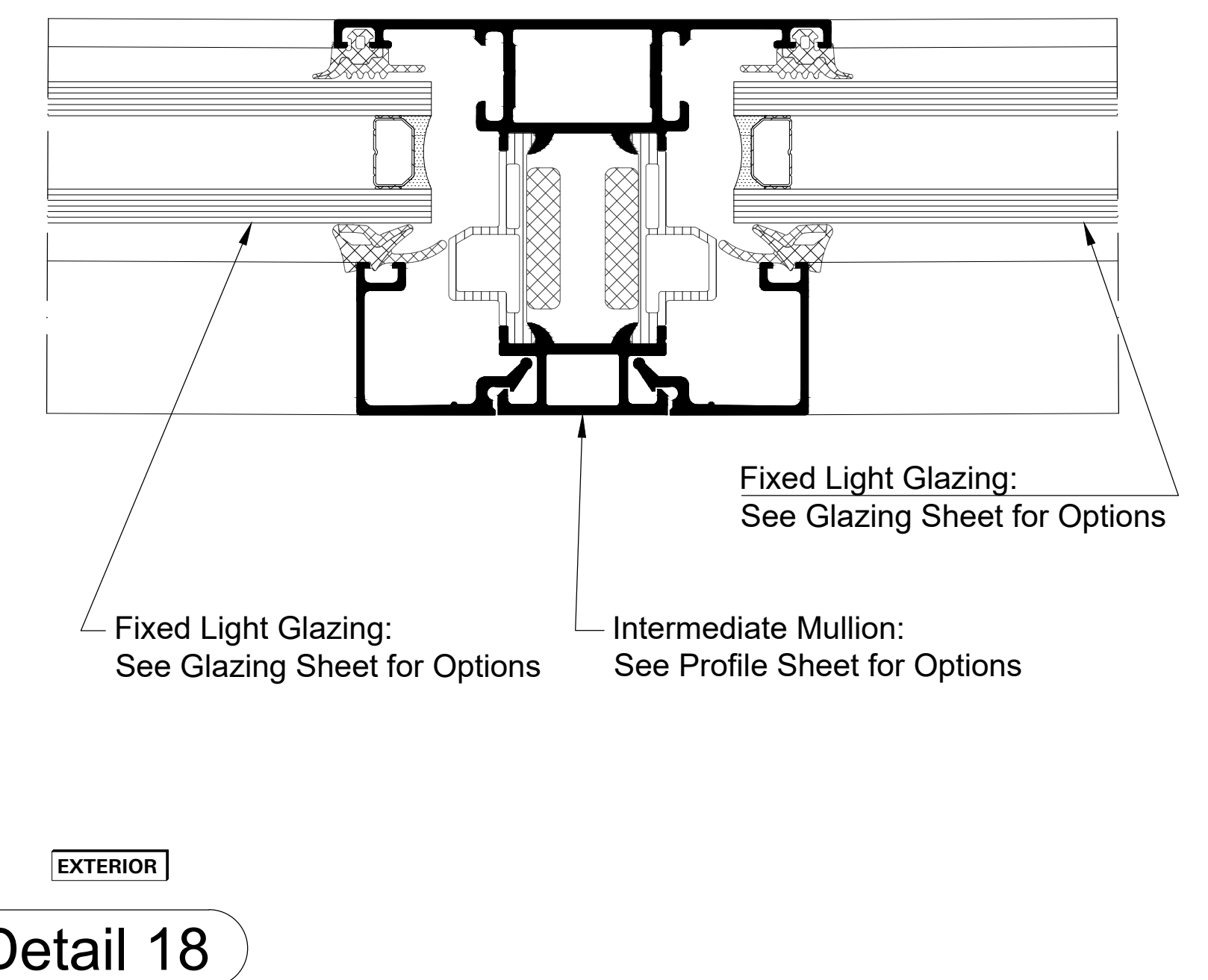
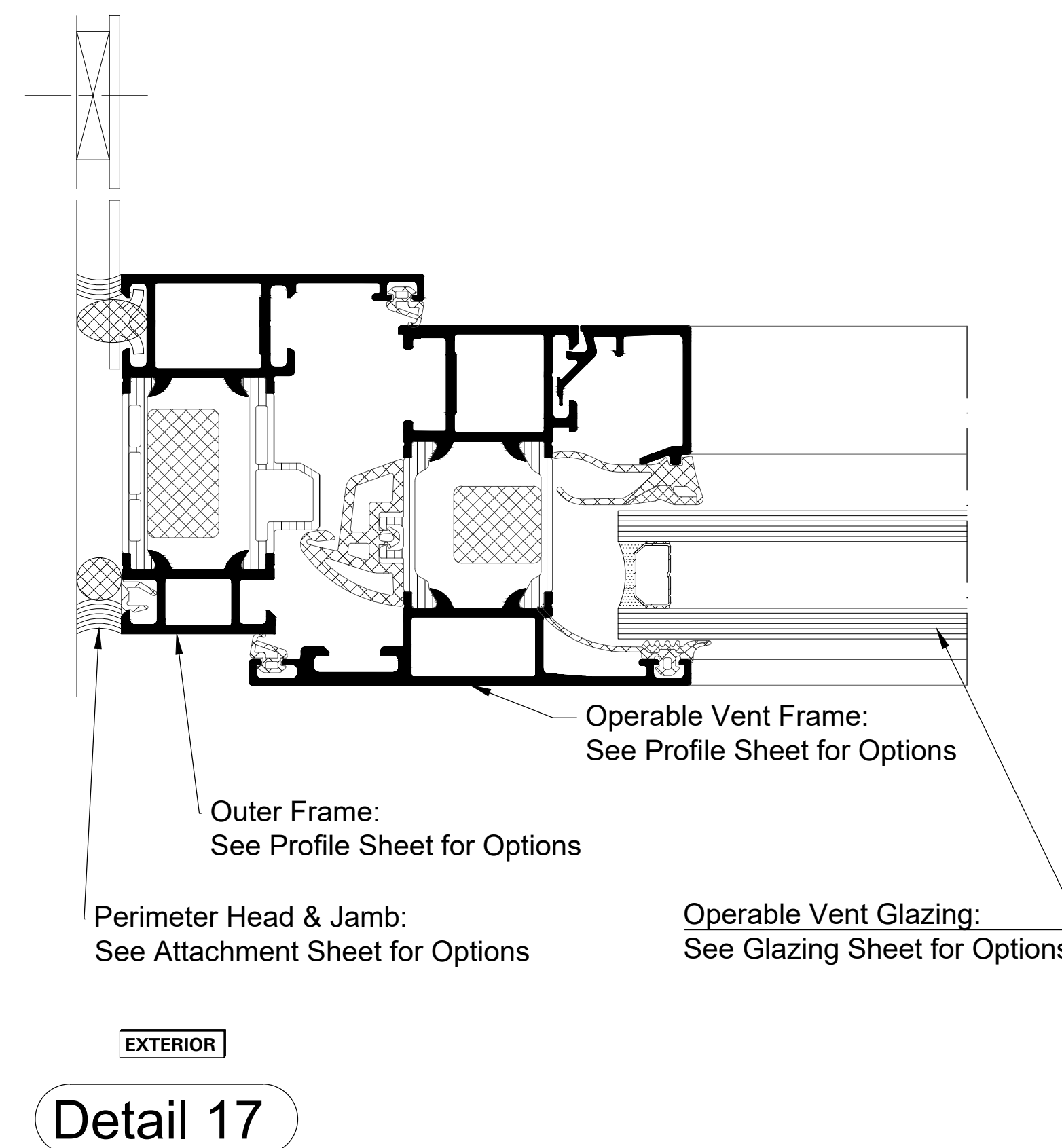
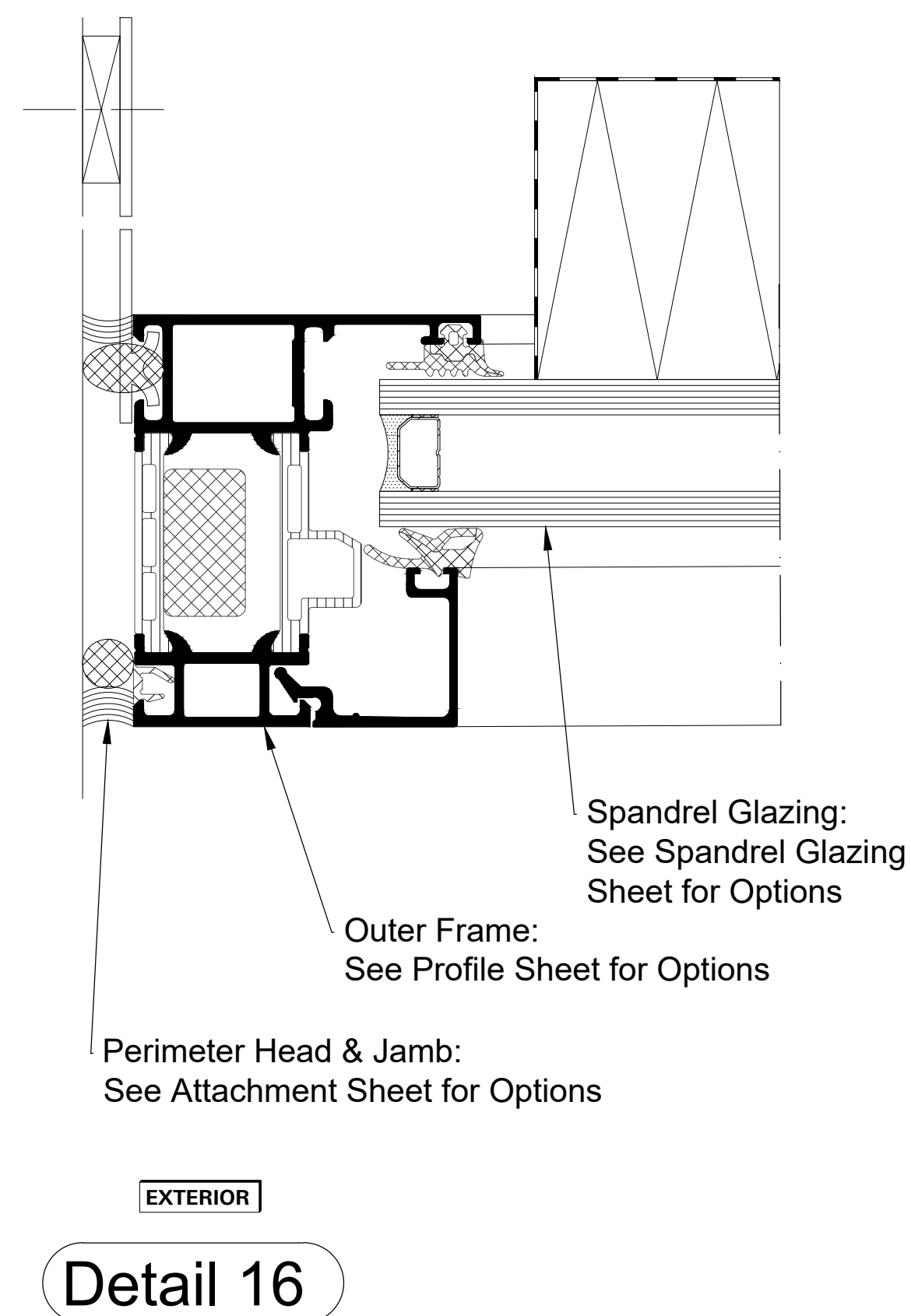
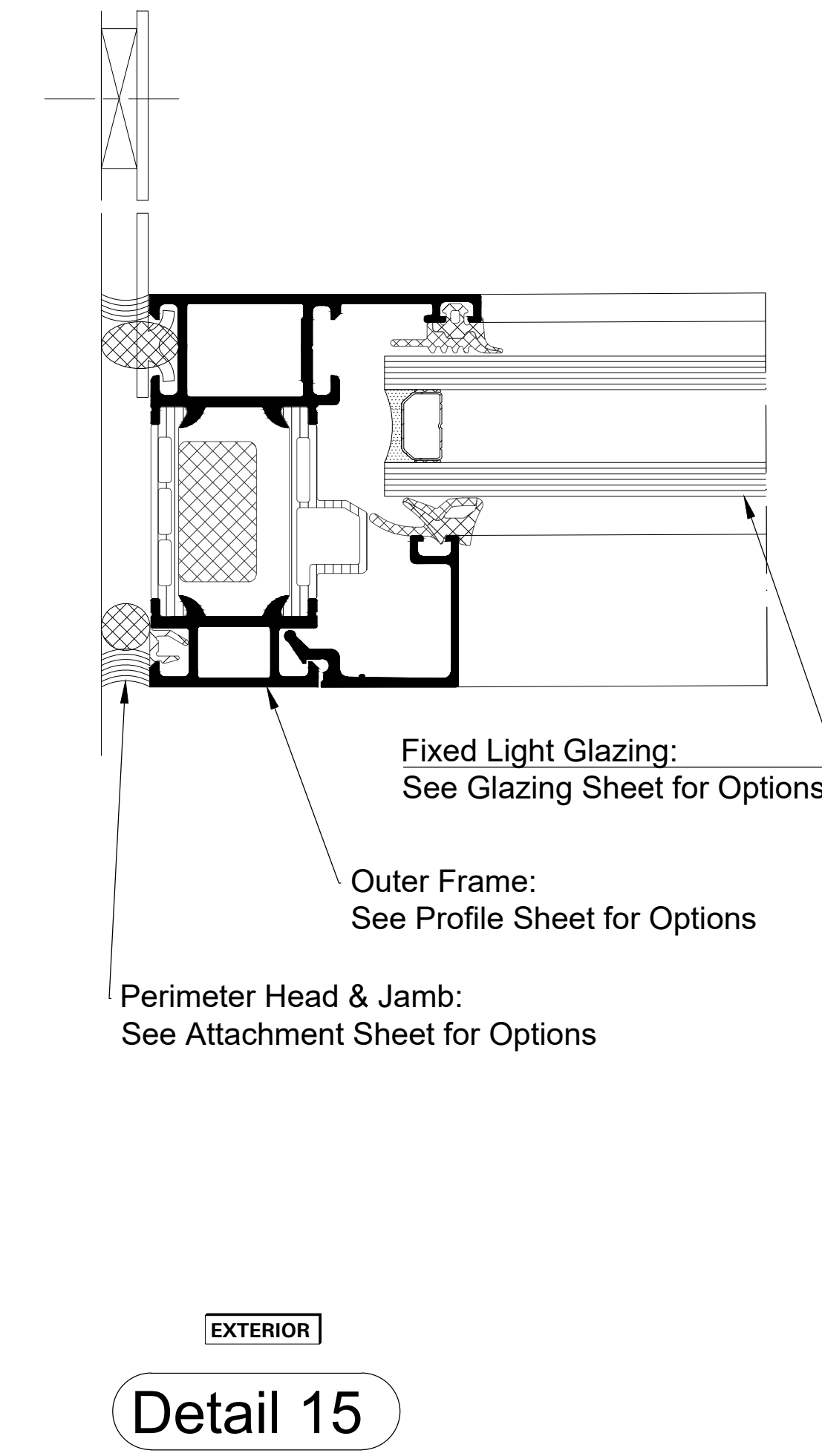
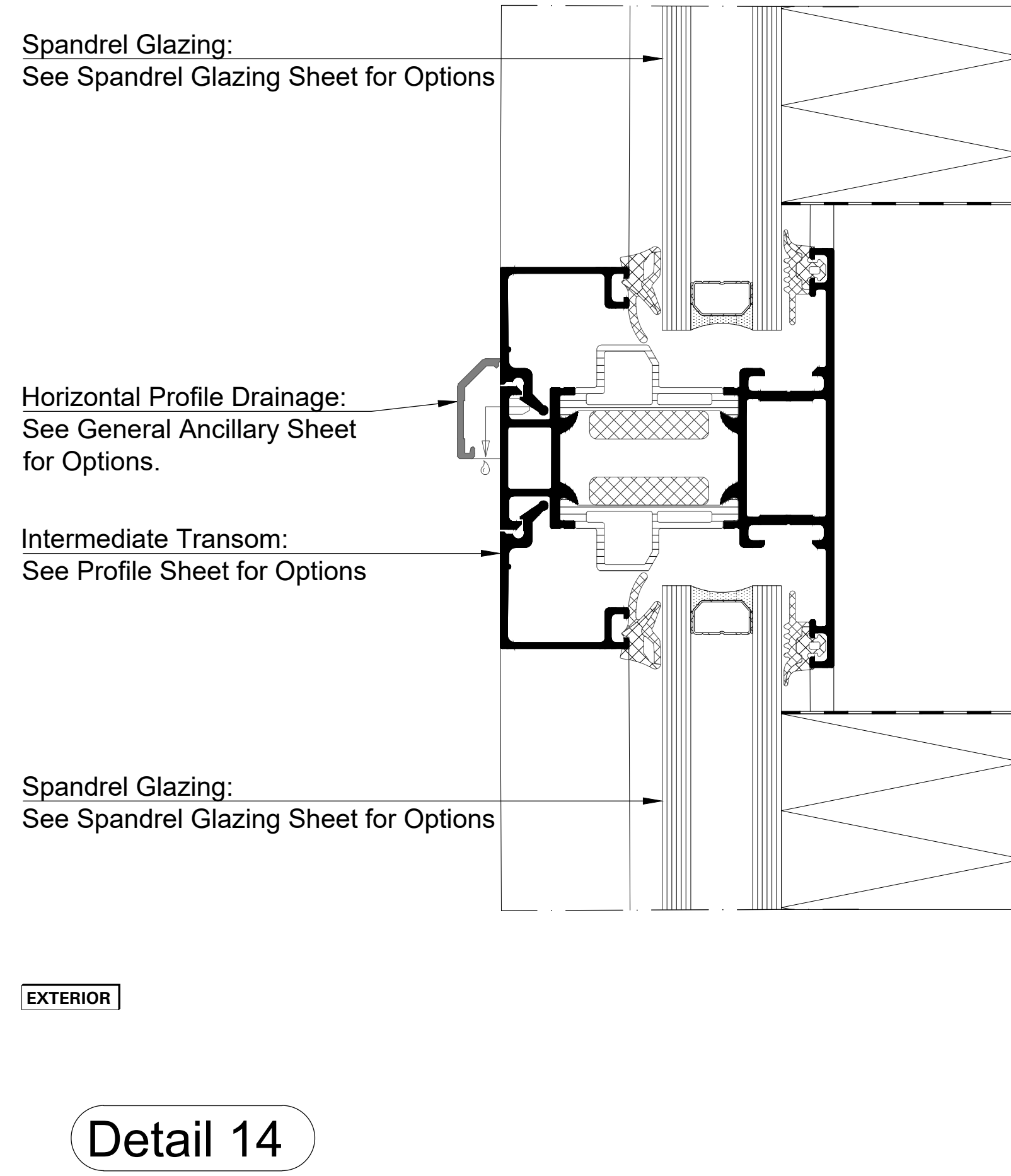
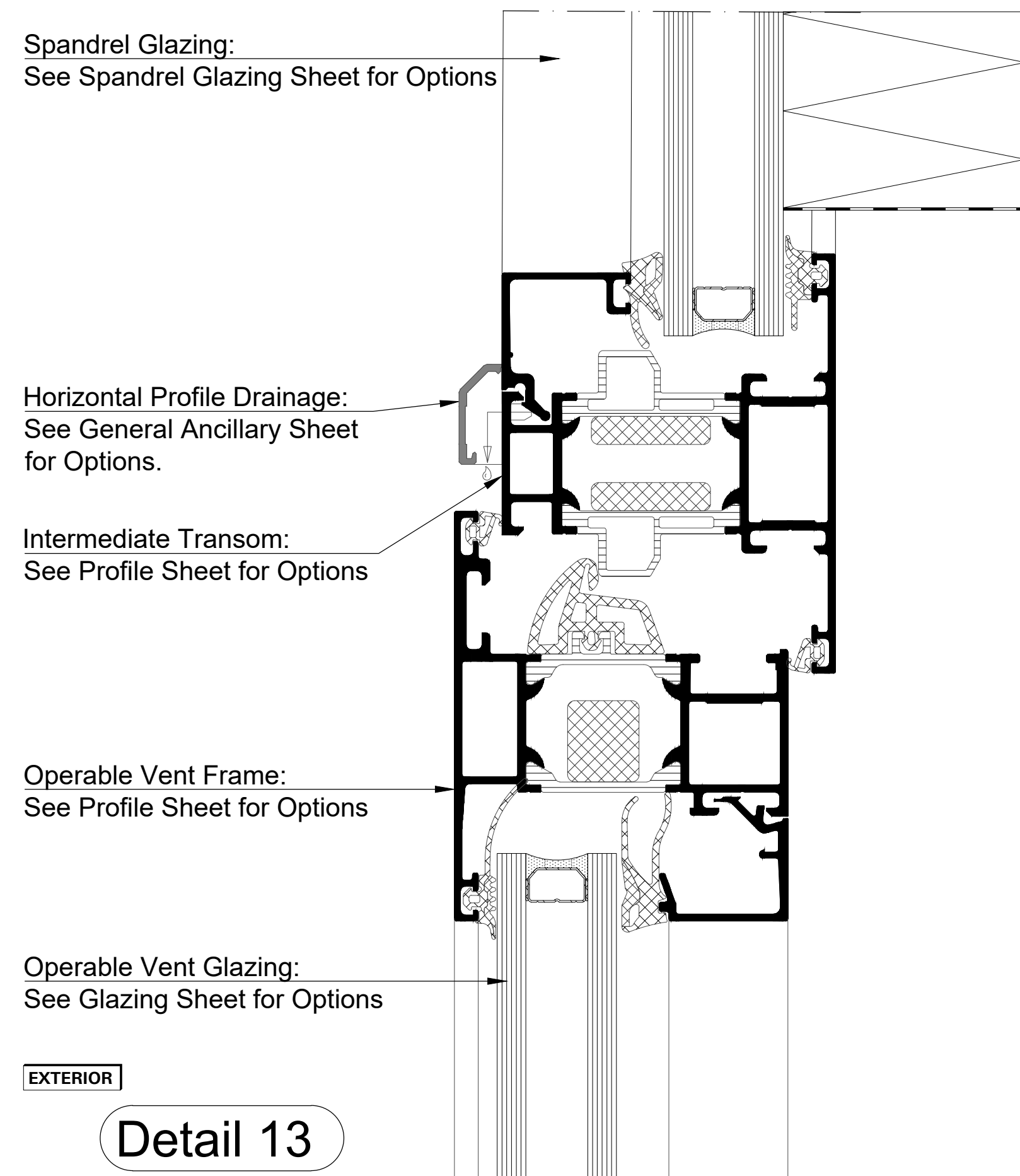
Detail 10

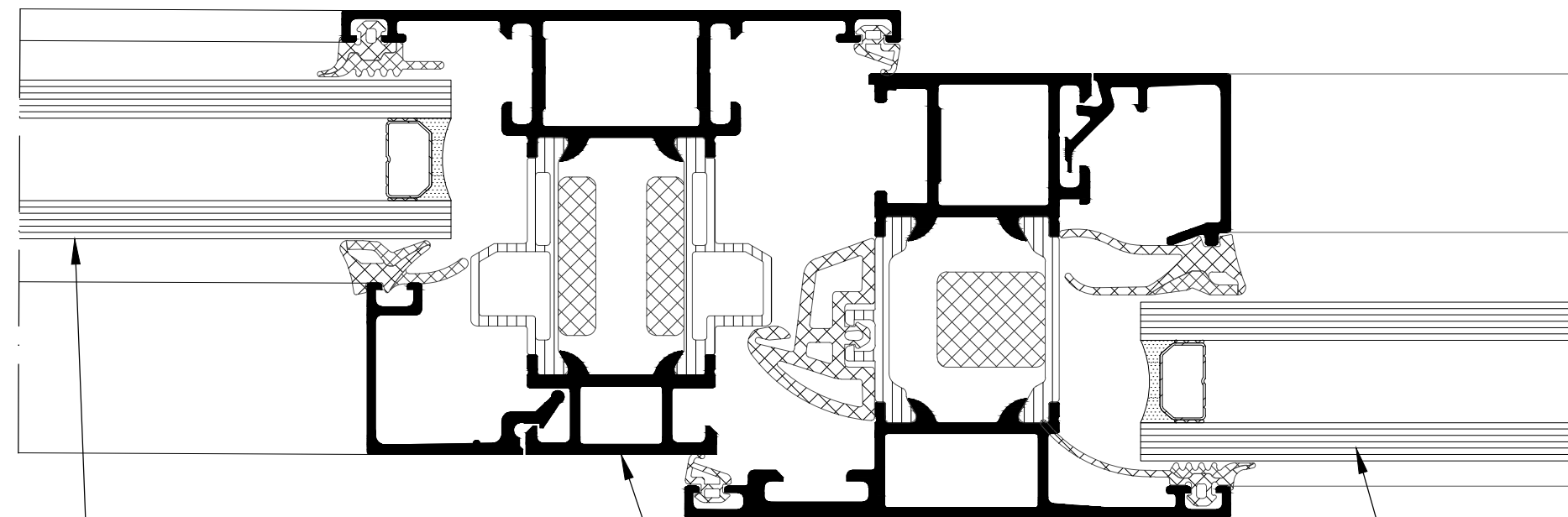


Detail 11



Detail 12





Intermediate Mullion:
See Profile Sheet for Options

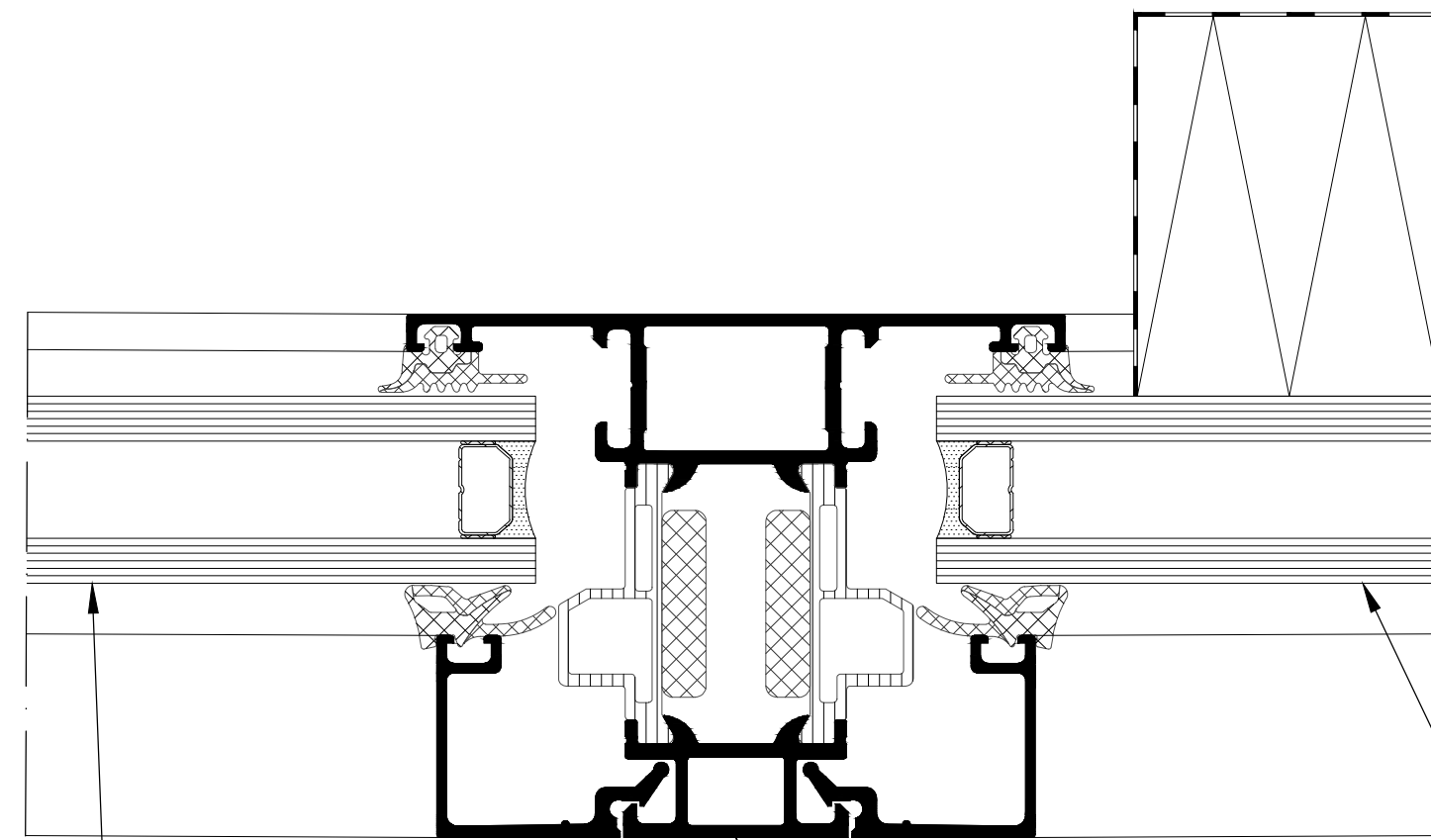
Operable Vent Frame:
See Profile Sheet for Options

Fixed Light Glazing:
See Glazing Sheet for Options

Operable Vent Glazing:
See Glazing Sheet for Options

EXTERIOR

Detail 19



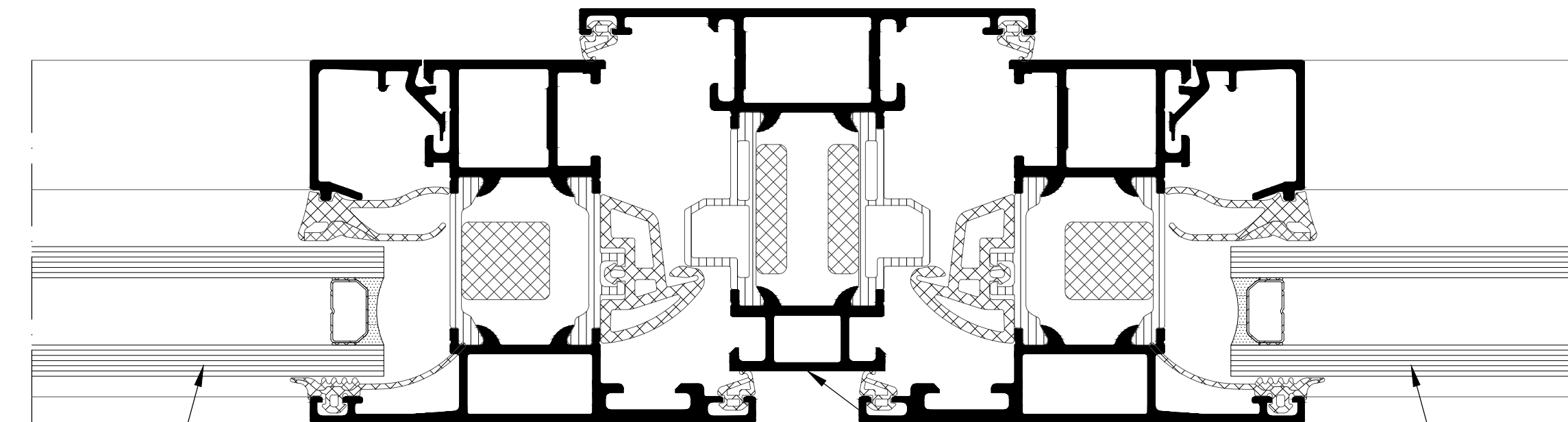
Intermediate Mullion:
See Profile Sheet for Options

Fixed Light Glazing:
See Glazing Sheet for Options

Spandrel Glazing:
See Spandrel Glazing Sheet for Options

EXTERIOR

Detail 20



Intermediate Mullion:
See Profile Sheet for Options

Operable Vent Frame:
See Profile Sheet for Options

Operable Vent Glazing:
See Glazing Sheet for Options

Operable Vent Frame:
See Profile Sheet for Options

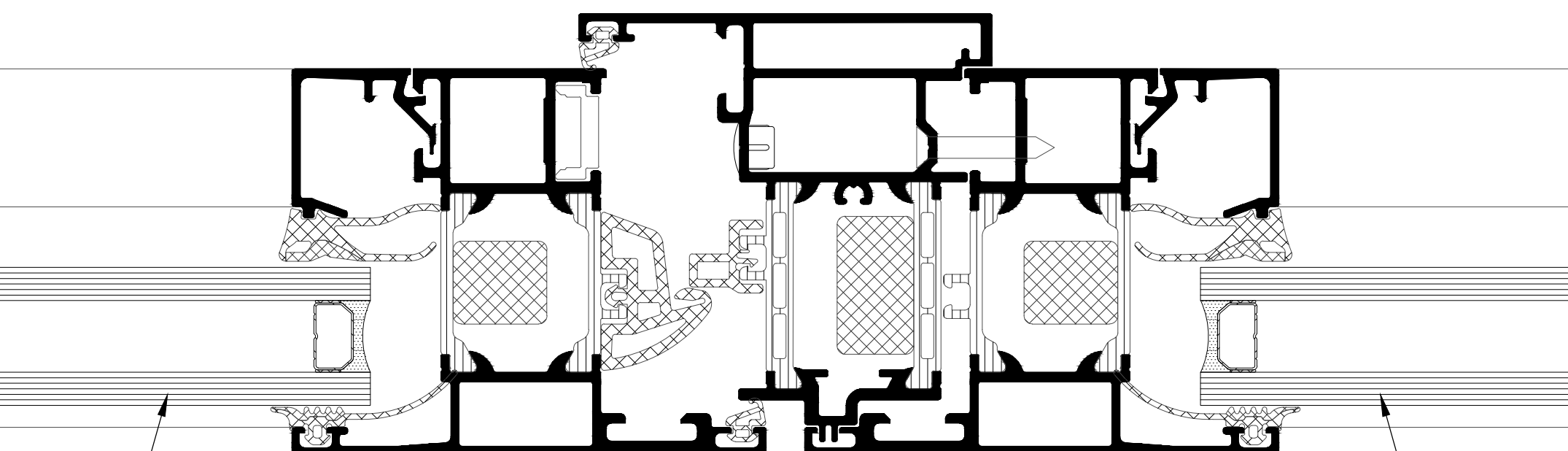
Operable Vent Glazing:
See Glazing Sheet for Options

EXTERIOR

Detail 21

French - Casement,
Primary Leaf

French - Casement,
Secondary Leaf



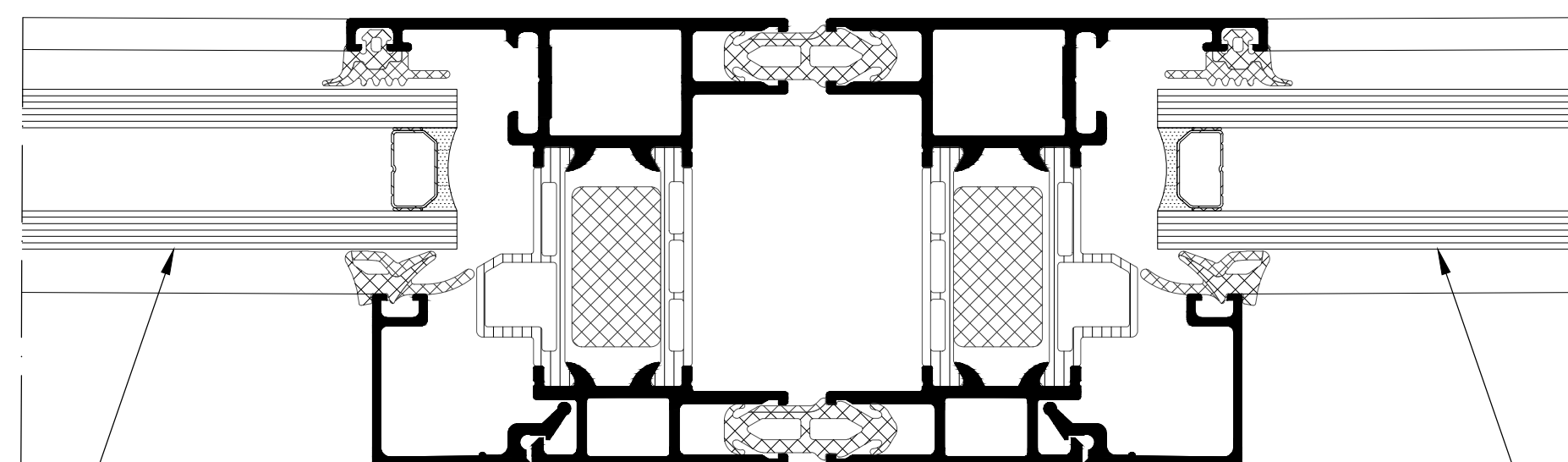
Operable Vent Glazing:
See Glazing Sheet for Options

Operable Vent Frame:
See Profile Sheet for Options

Operable Vent Glazing:
See Glazing Sheet for Options

EXTERIOR

Detail 22



Fixed Light Glazing:
See Glazing Sheet for Options

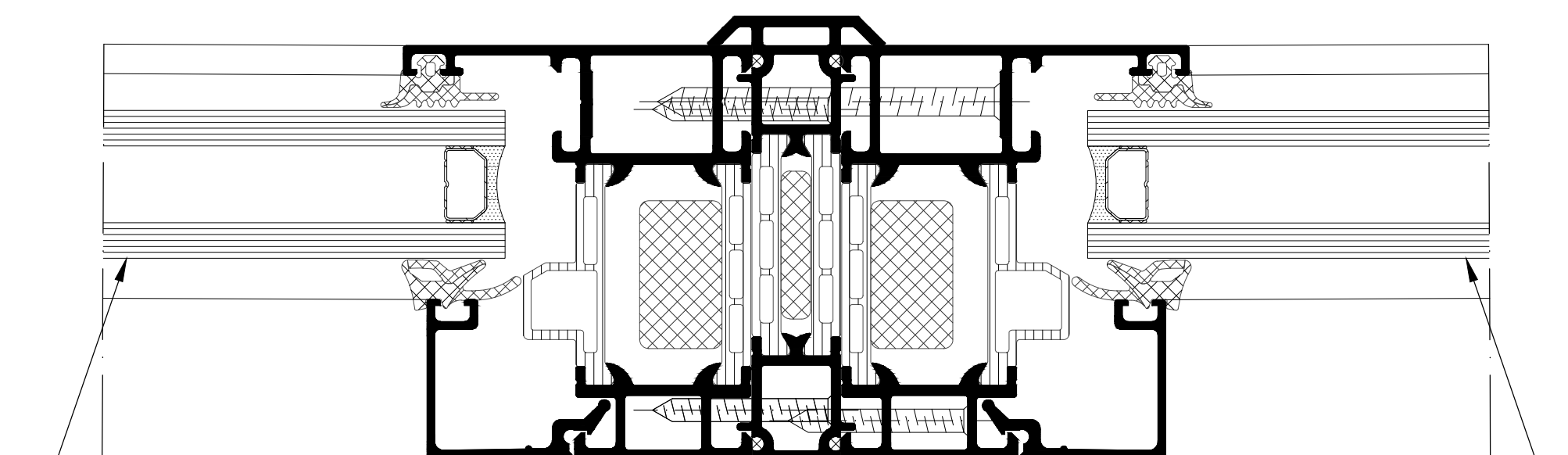
Fixed Light Glazing:
See Glazing Sheet for Options

Coupling 1/2-Mullion:
See Profile Sheet for Options

EXTERIOR

Detail 23

Only suitable for On-Site Glazing!



Fixed Light Glazing:
See Glazing Sheet for Options

Outer Frame:
See Profile Sheet for Options

Fixed Light Glazing:
See Glazing Sheet for Options

Outer Frame:
See Profile Sheet for Options

Coupling (3rd) Mullion:
See Profile Sheet for Options

EXTERIOR

Detail 24

Not Available in AWS 70

Not Available in AWS 70

Not Available in AWS 70

Detail 25

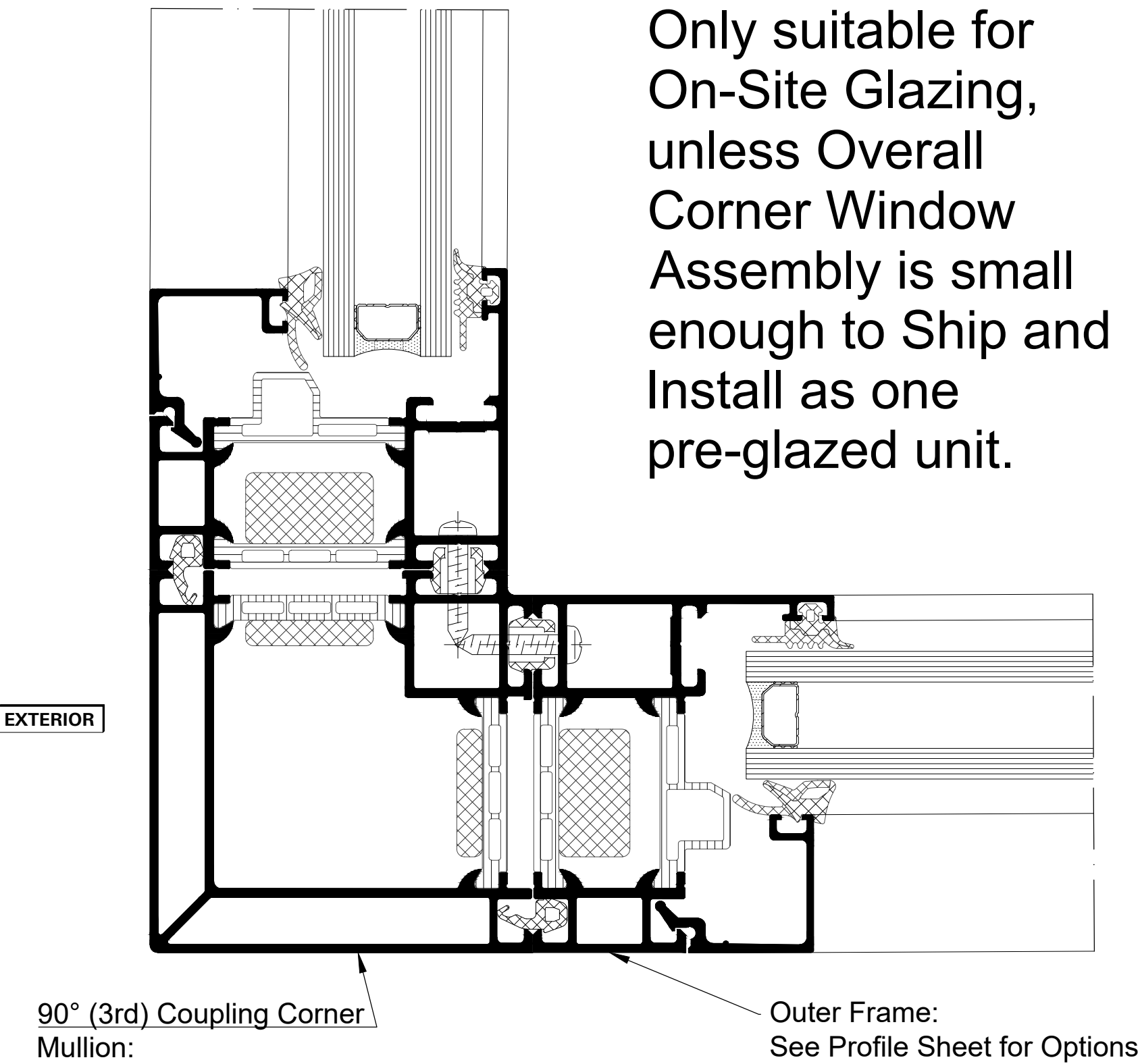
90° Intermediate External
Corner Mullion

Detail 26

45° Intermediate External
Corner Mullion

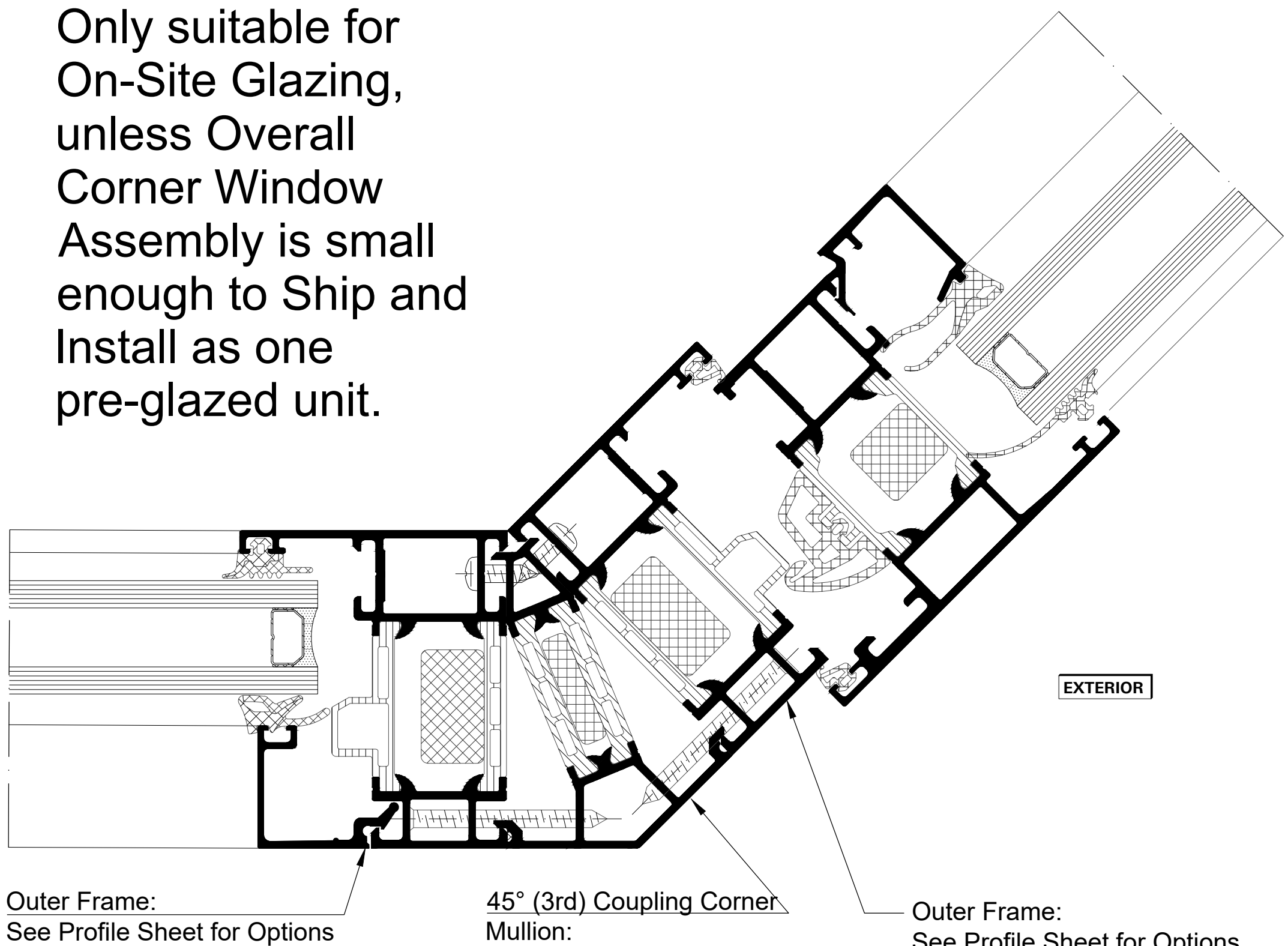
Detail 27

90° Intermediate Internal
Corner Mullion



Detail 28

90° External (3rd) Coupling
Corner Mullion



Detail 29

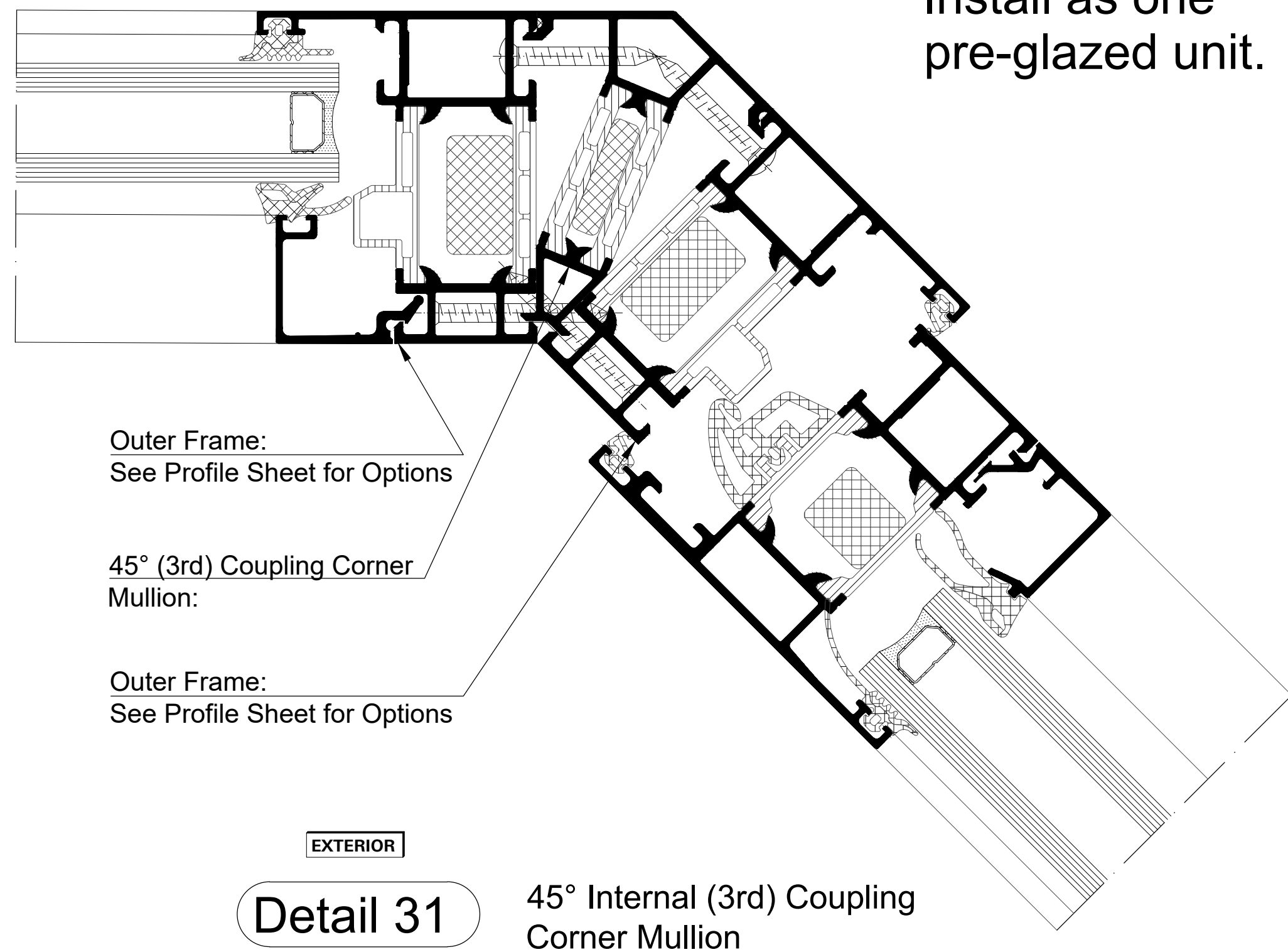
45° External (3rd) Coupling
Corner Mullion

Not Available in AWS 70

Detail 30

90° Internal (3rd) Coupling
Corner Mullion

Only suitable for
On-Site Glazing,
unless Overall
Corner Window
Assembly is small
enough to Ship and
Install as one
pre-glazed unit.



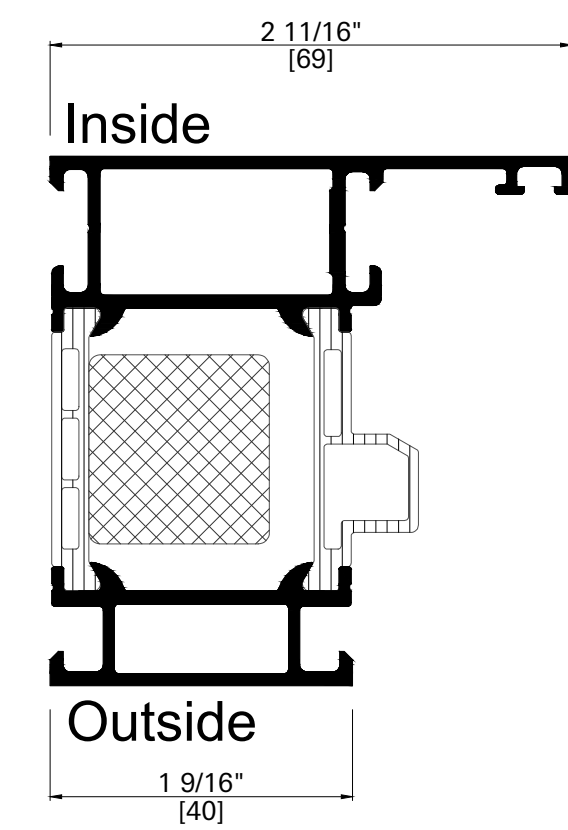
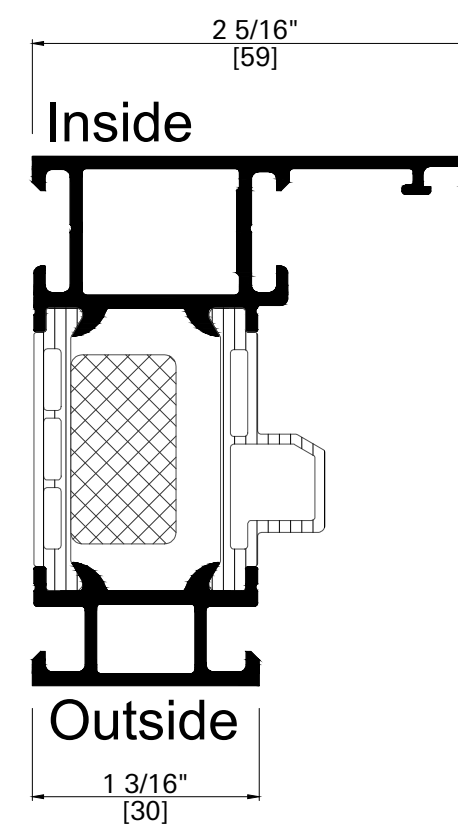
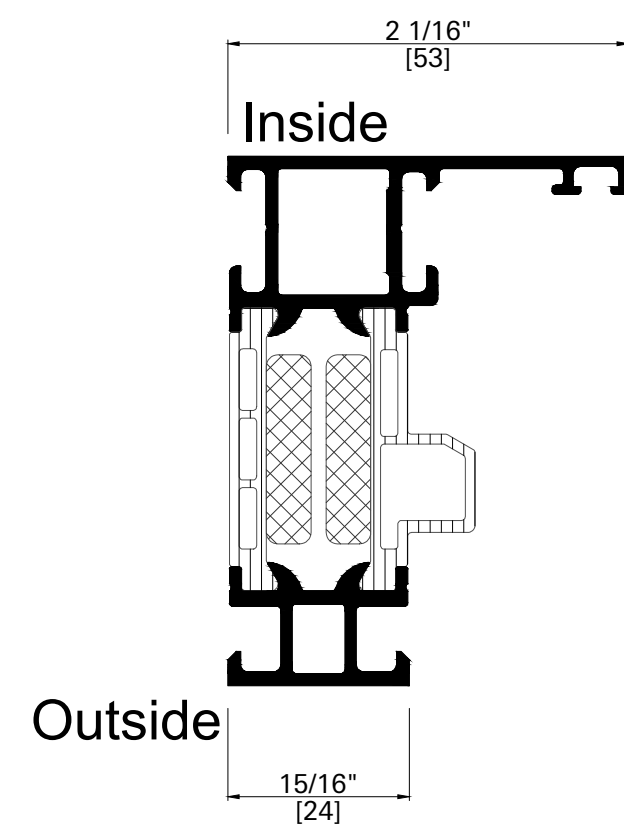
Detail 32

Detail 33

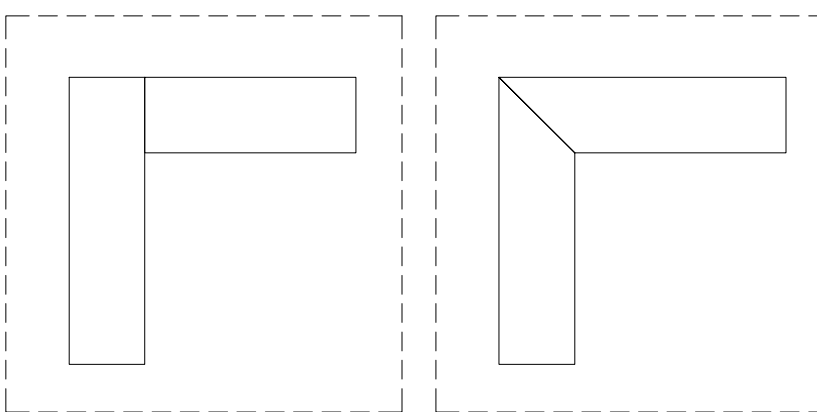
Detail 34

Detail 35

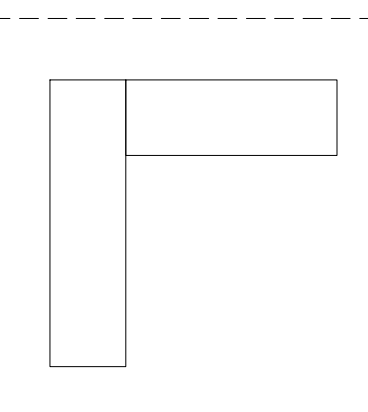
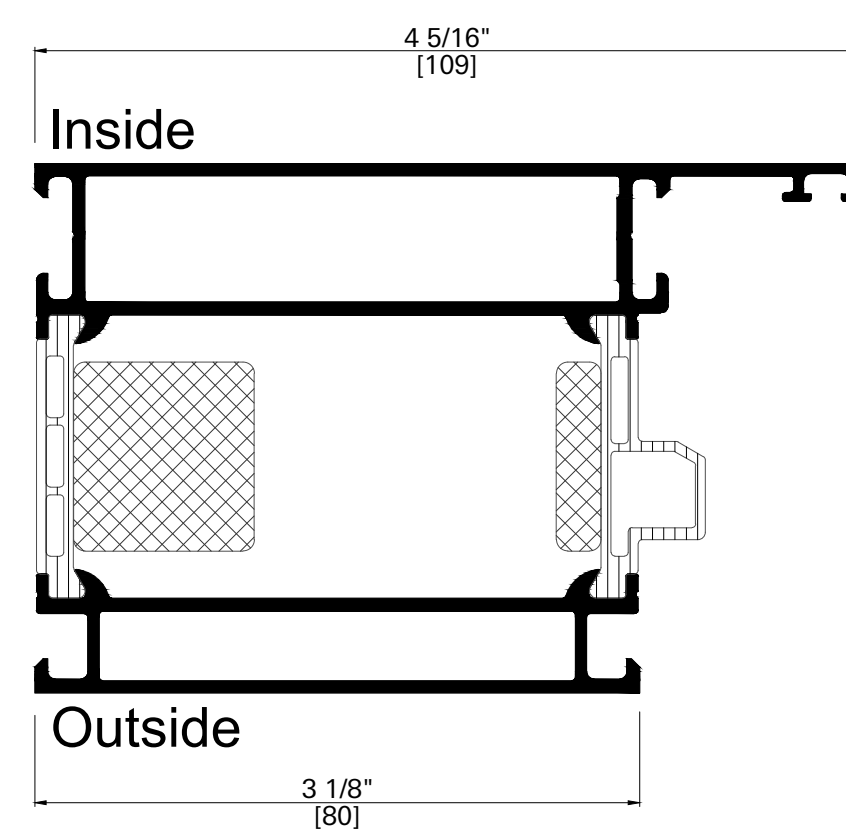
Detail 36

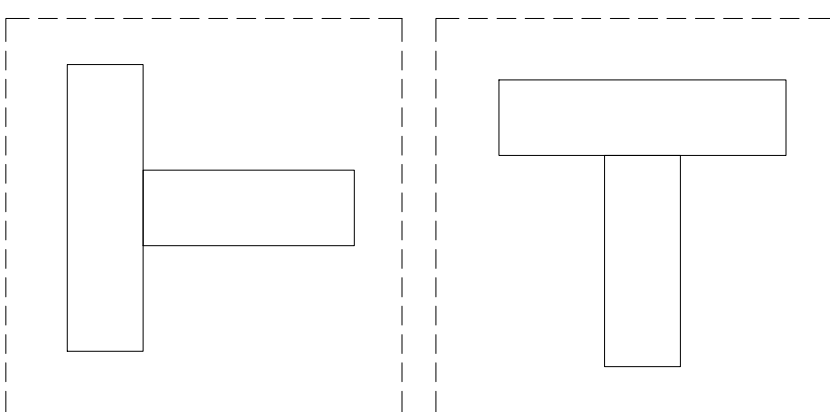
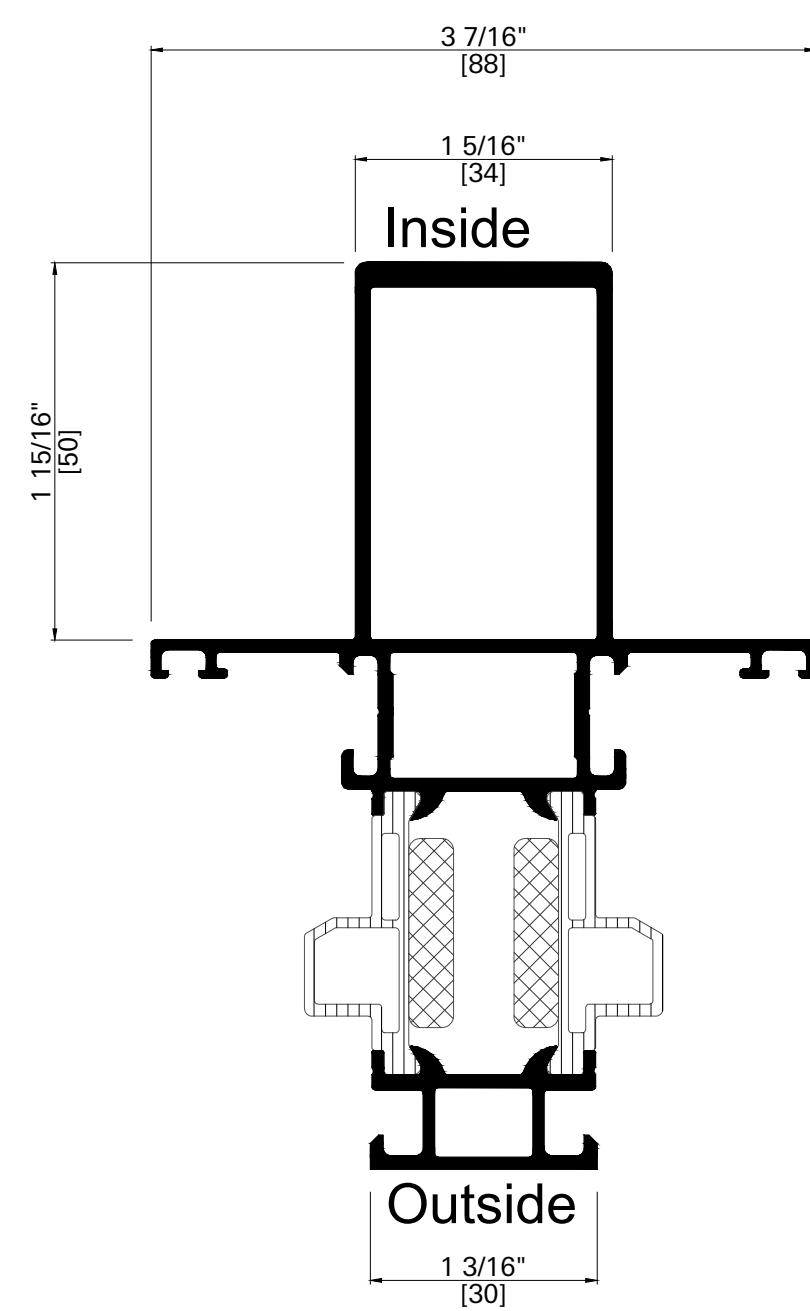
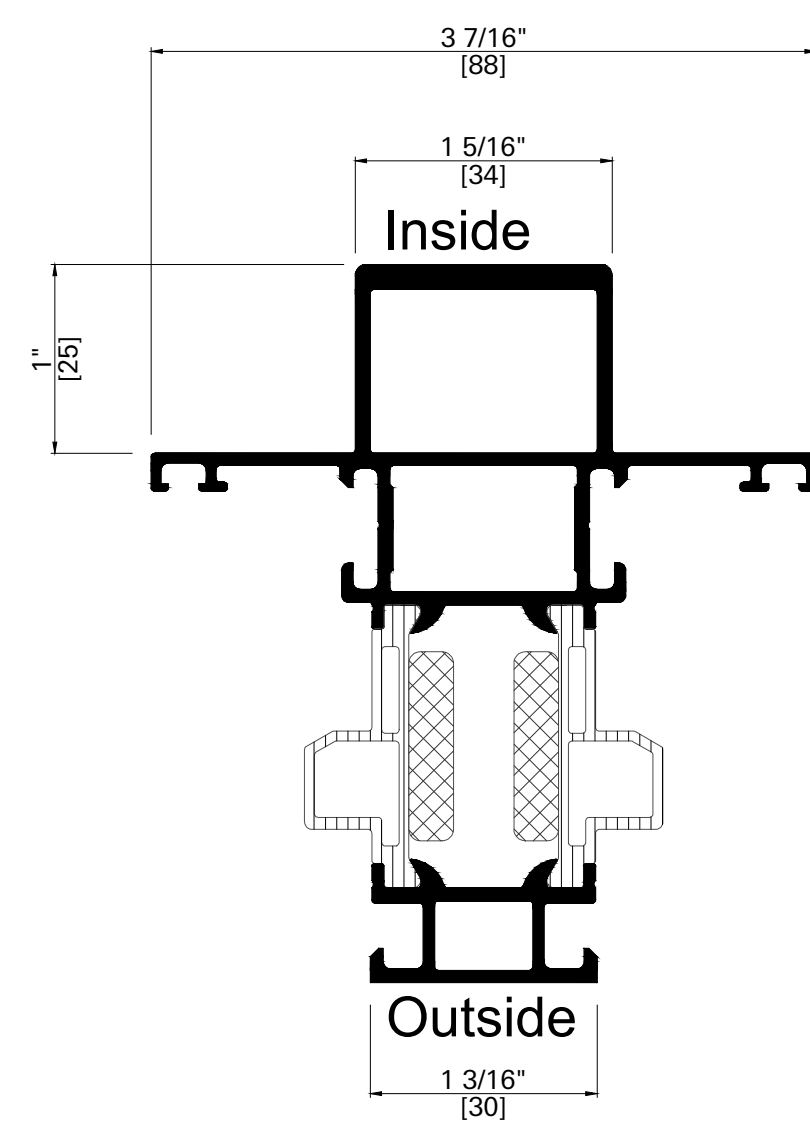
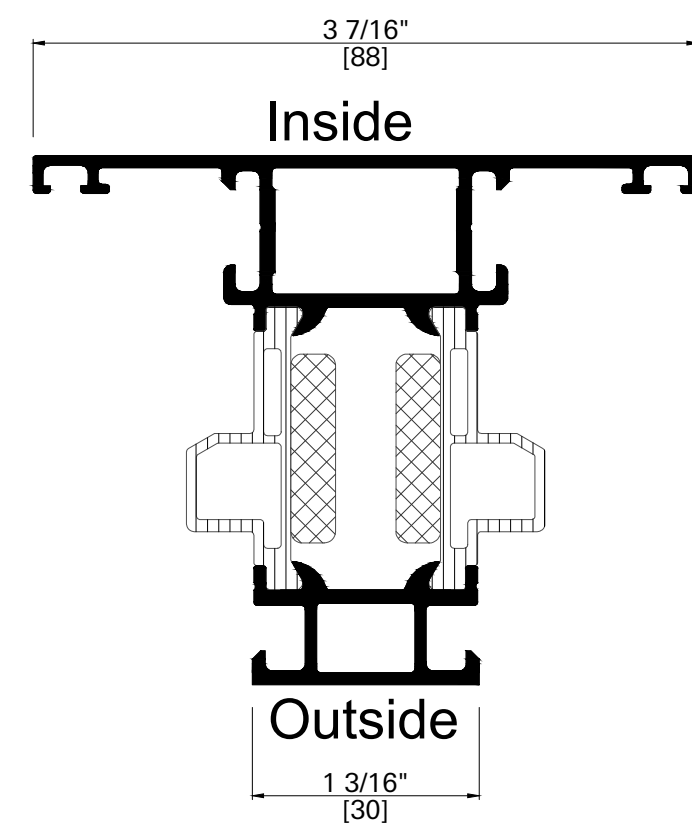
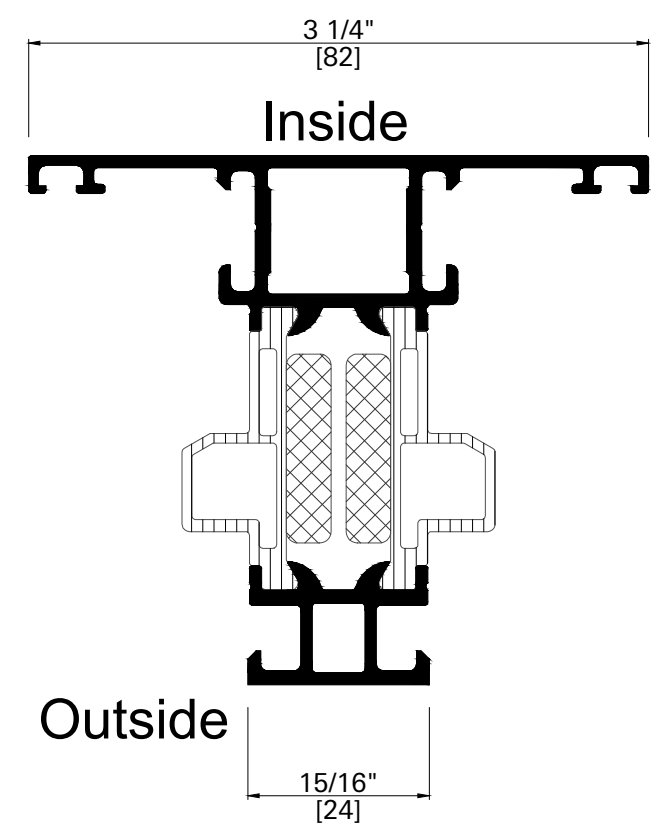


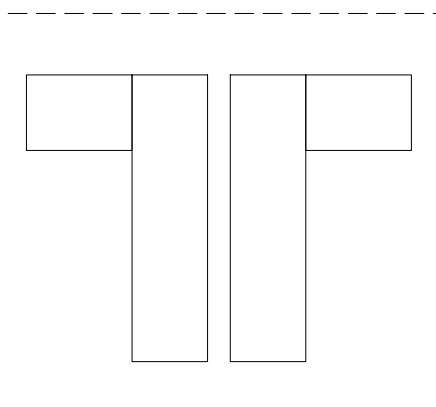
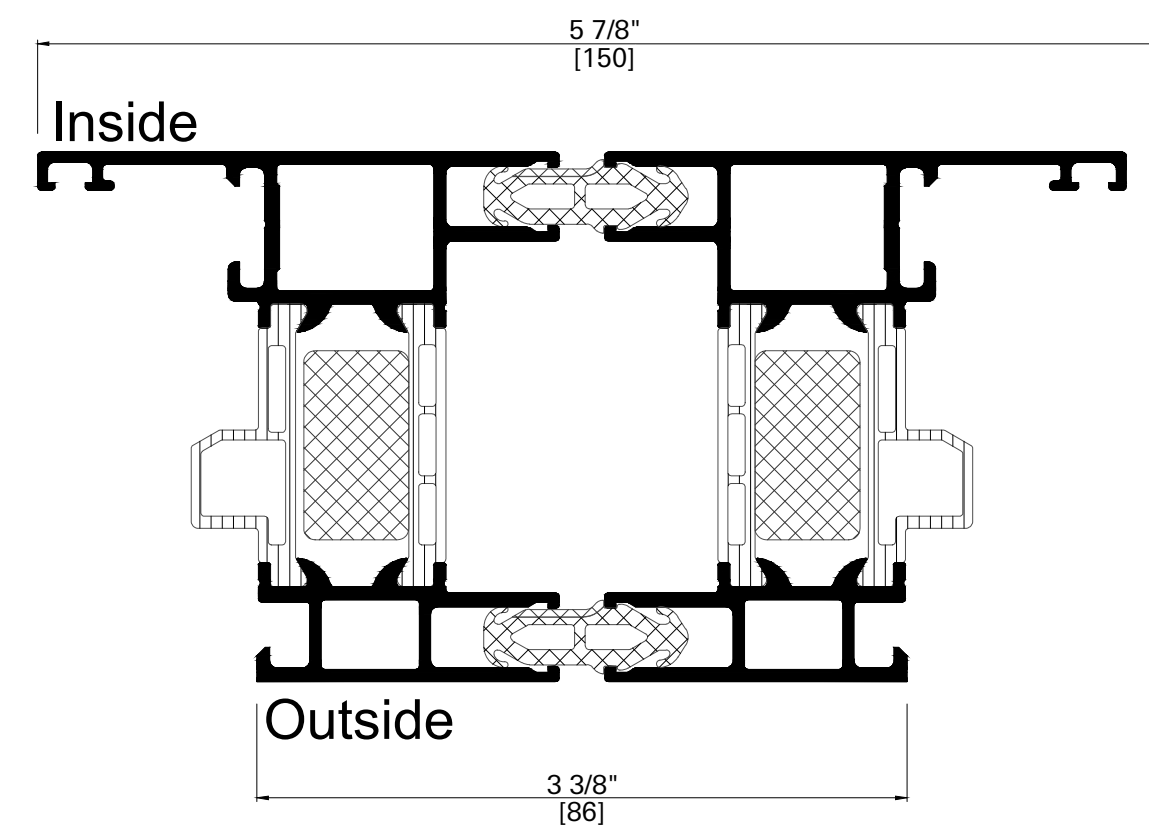
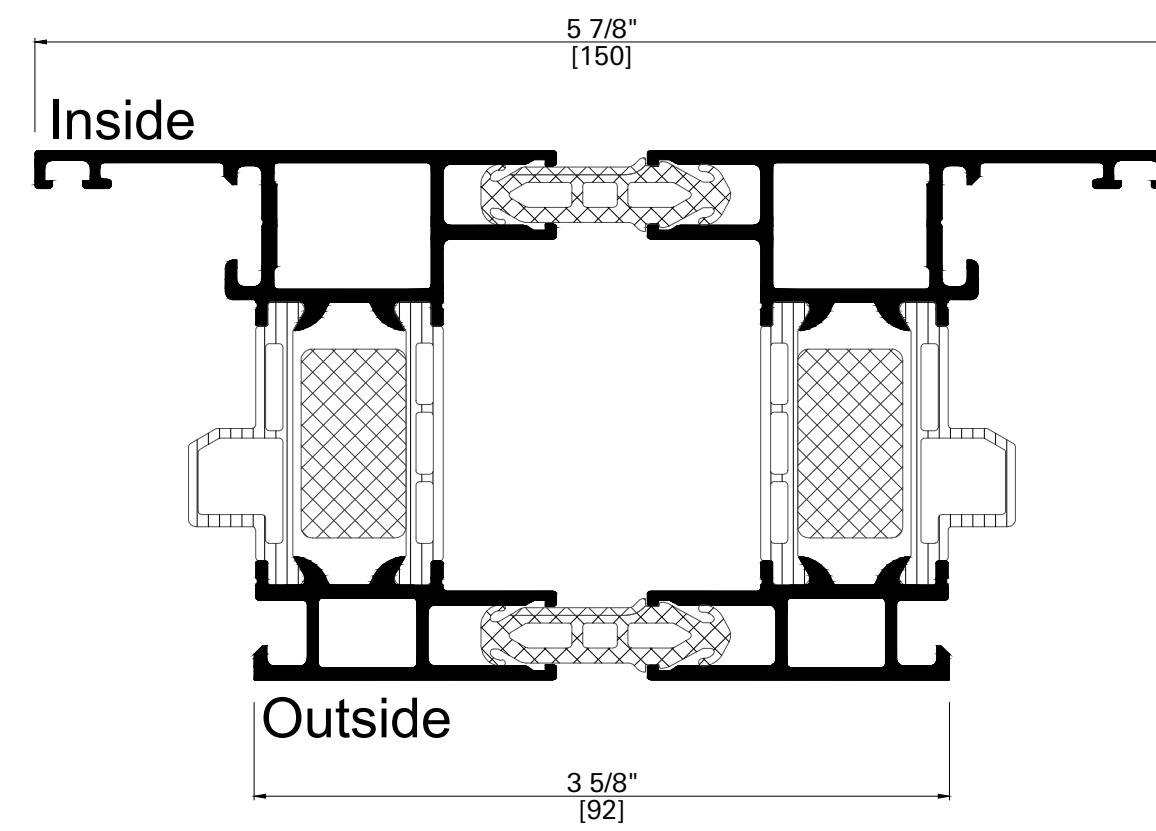
Profiles are suitable for mitered corners

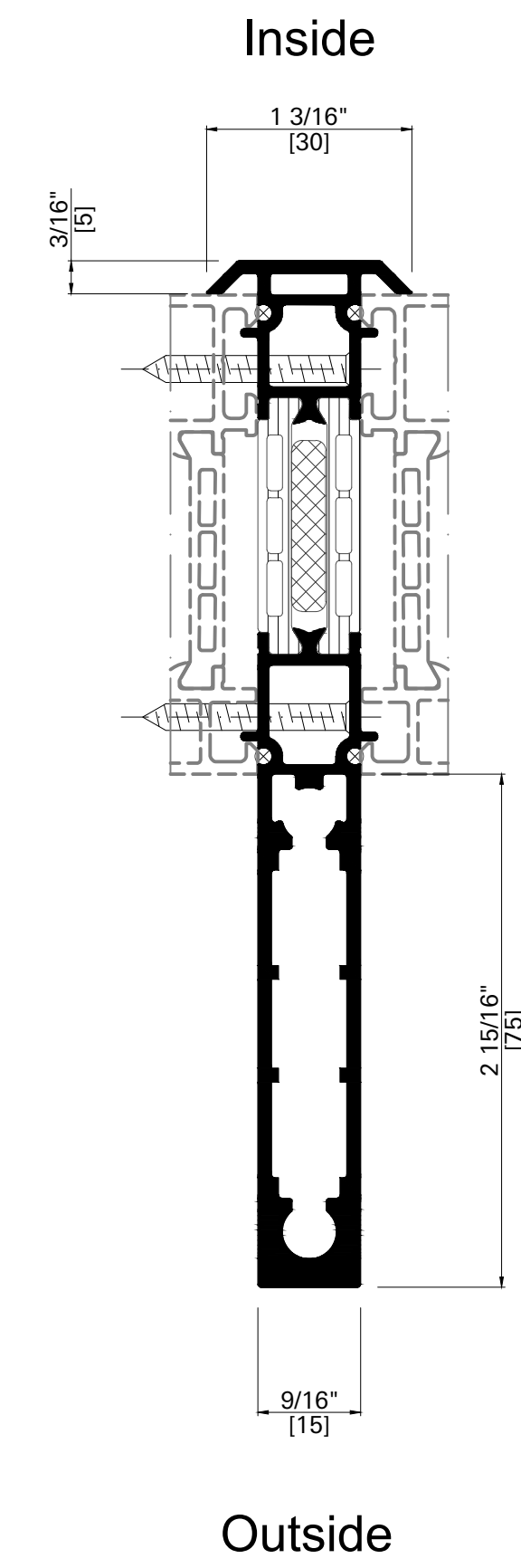
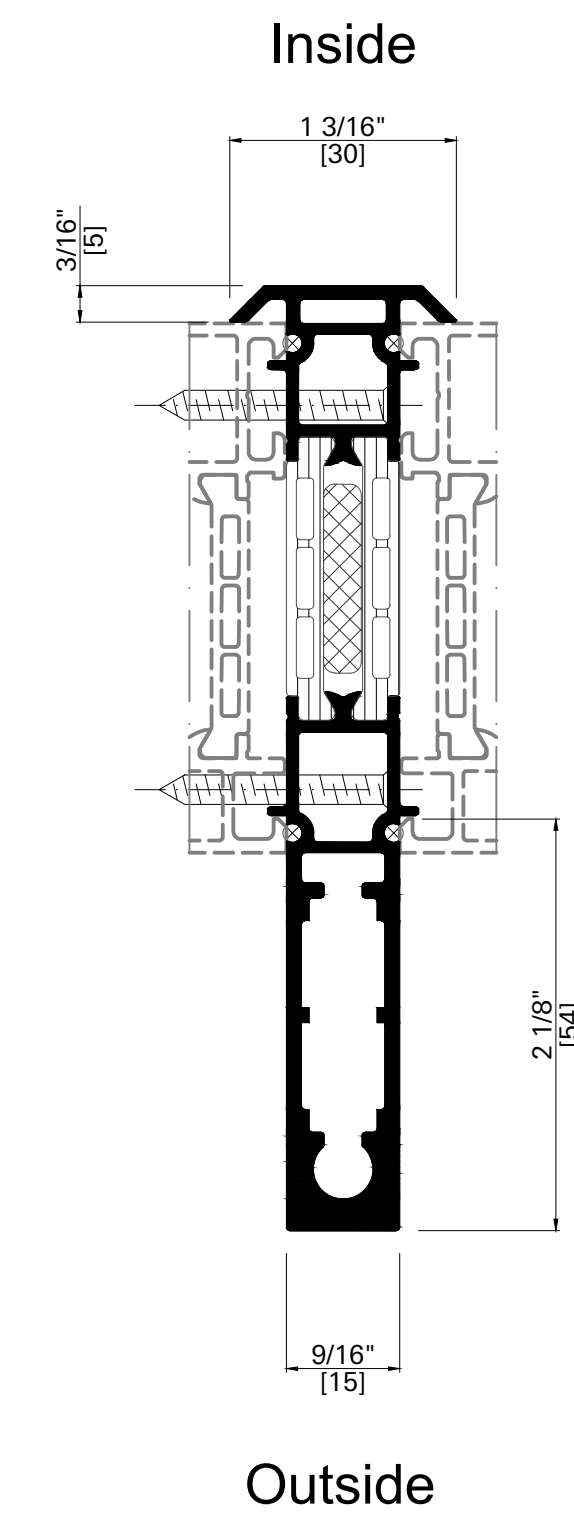
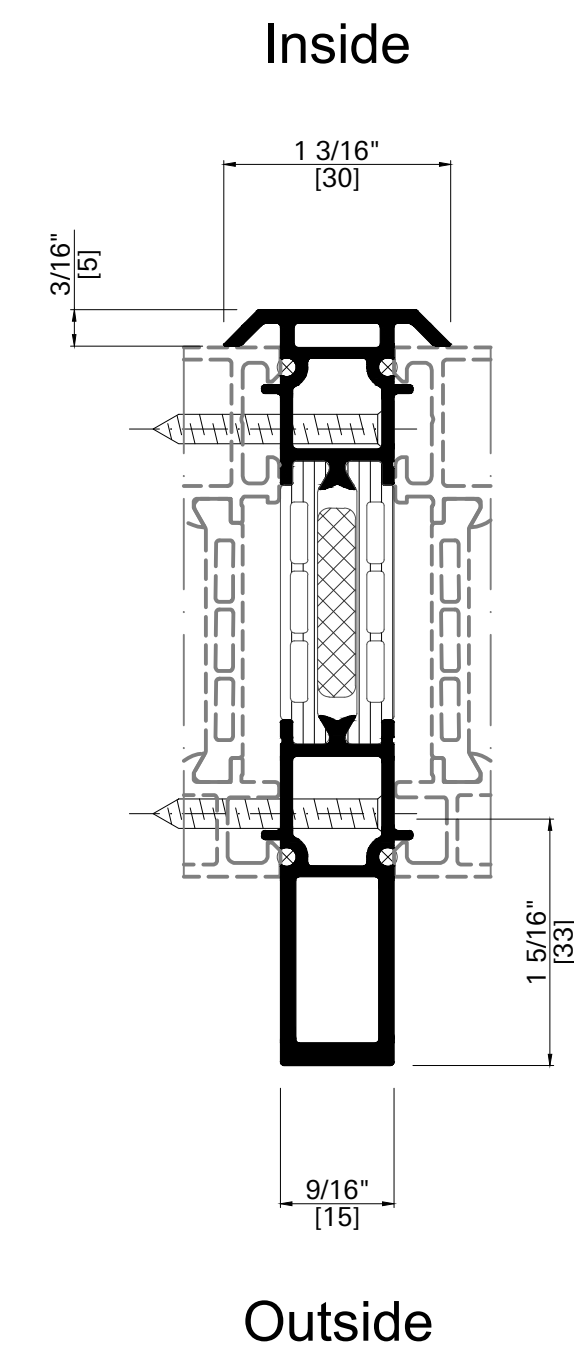
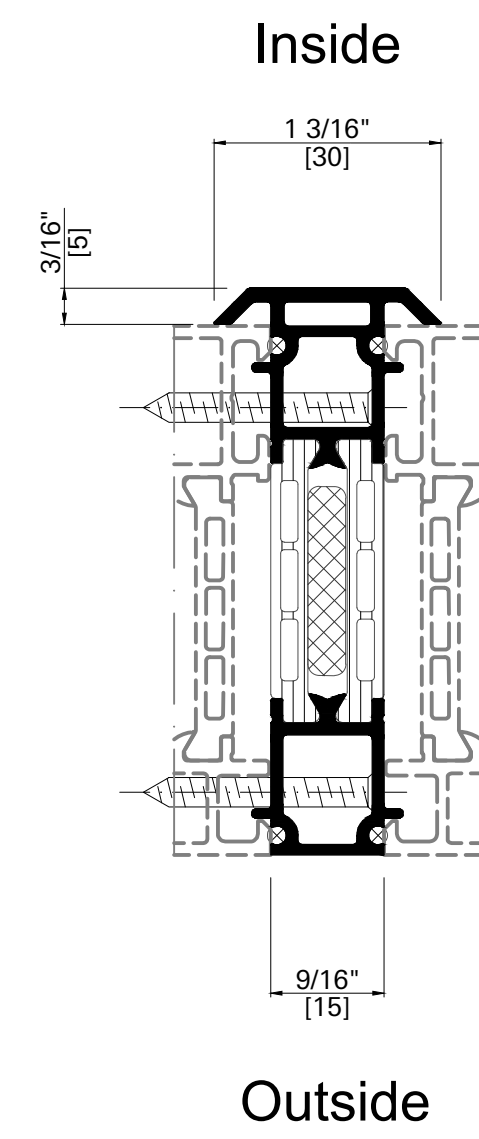


Profile is NOT suitable for mitered corners

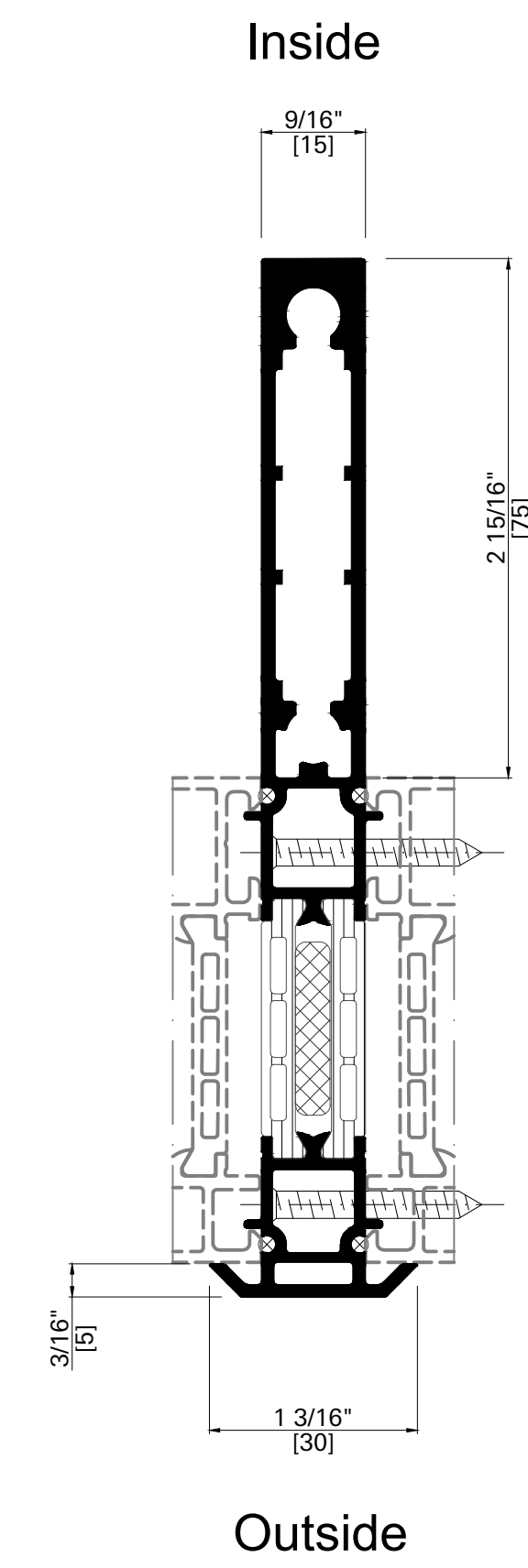
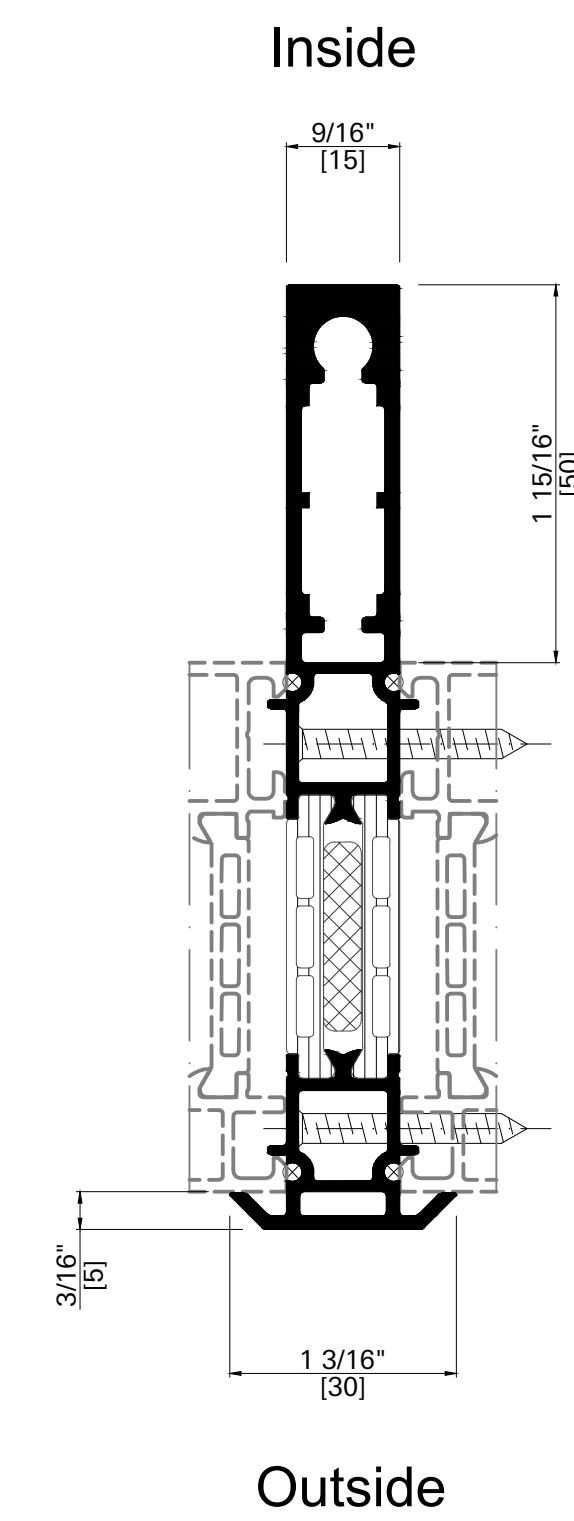
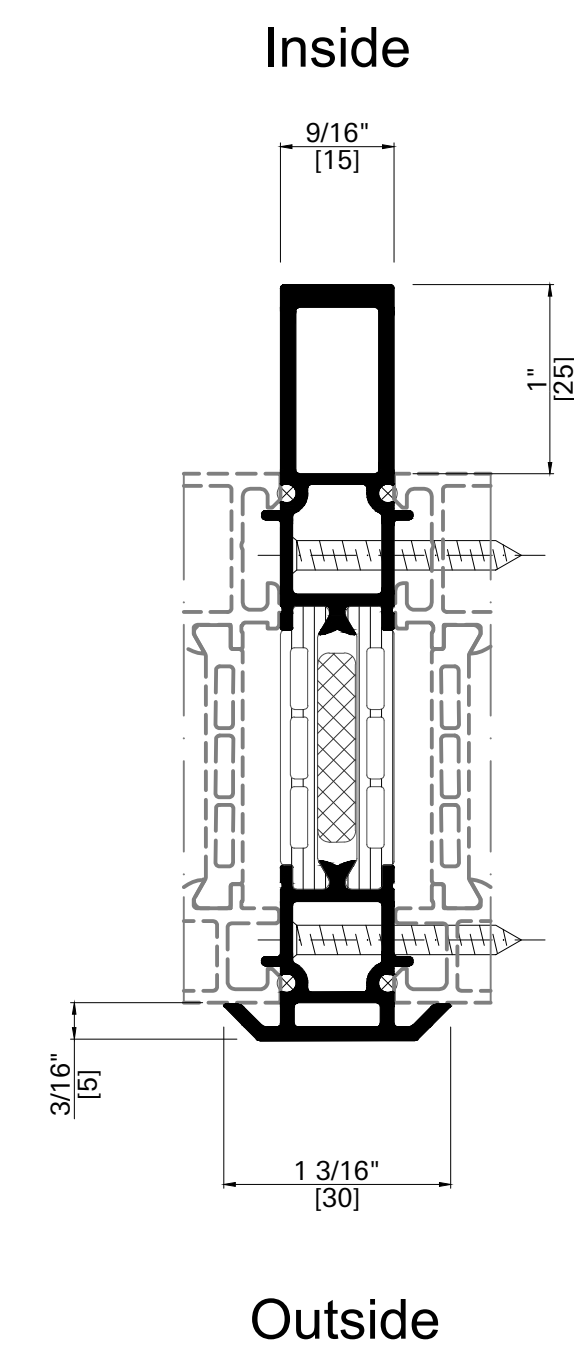
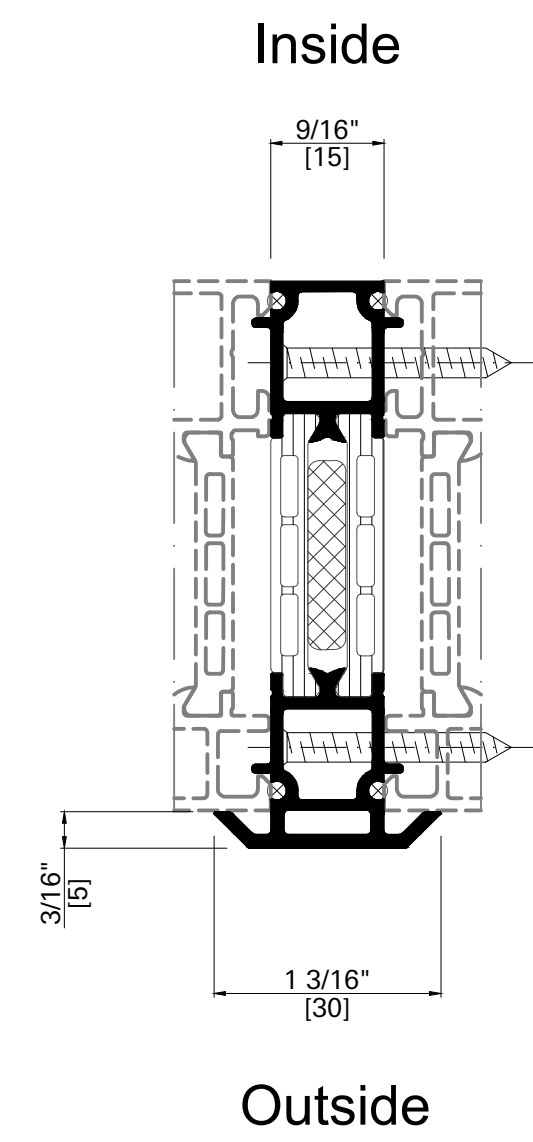


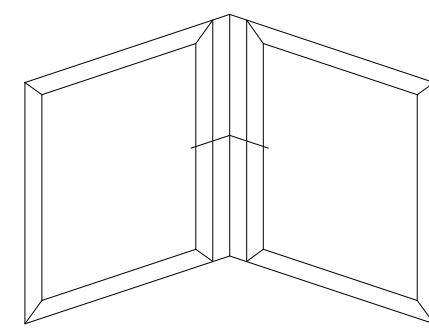
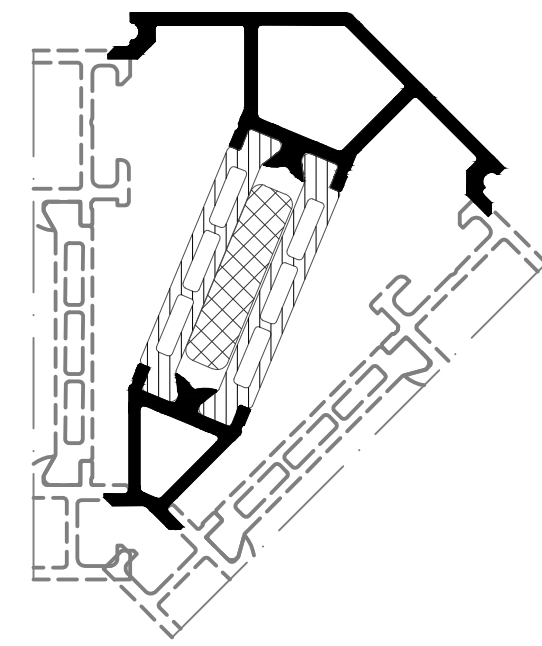




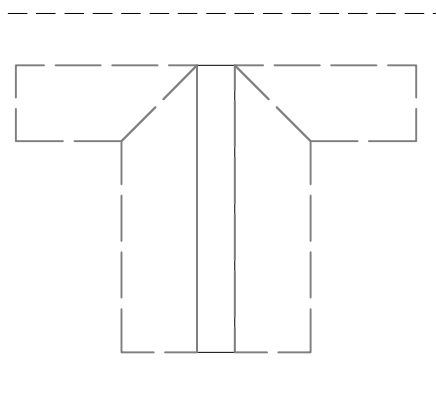
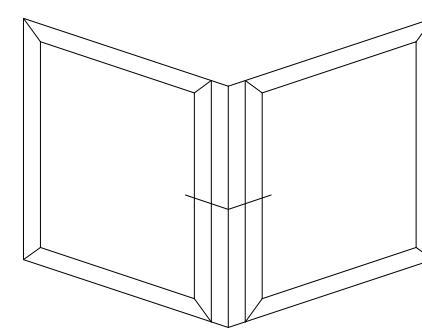
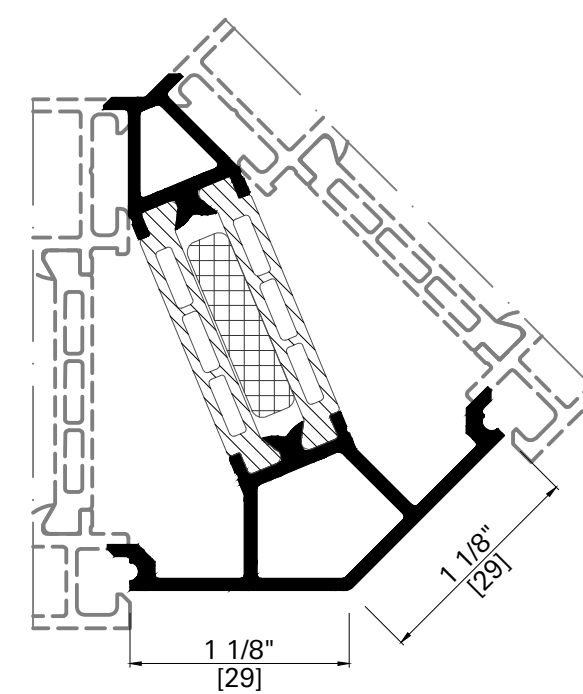
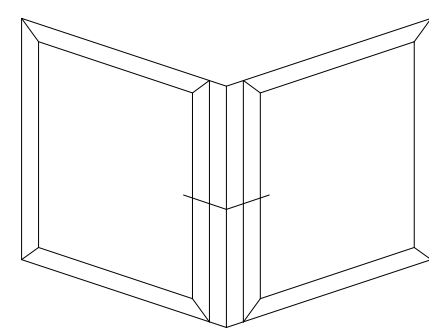
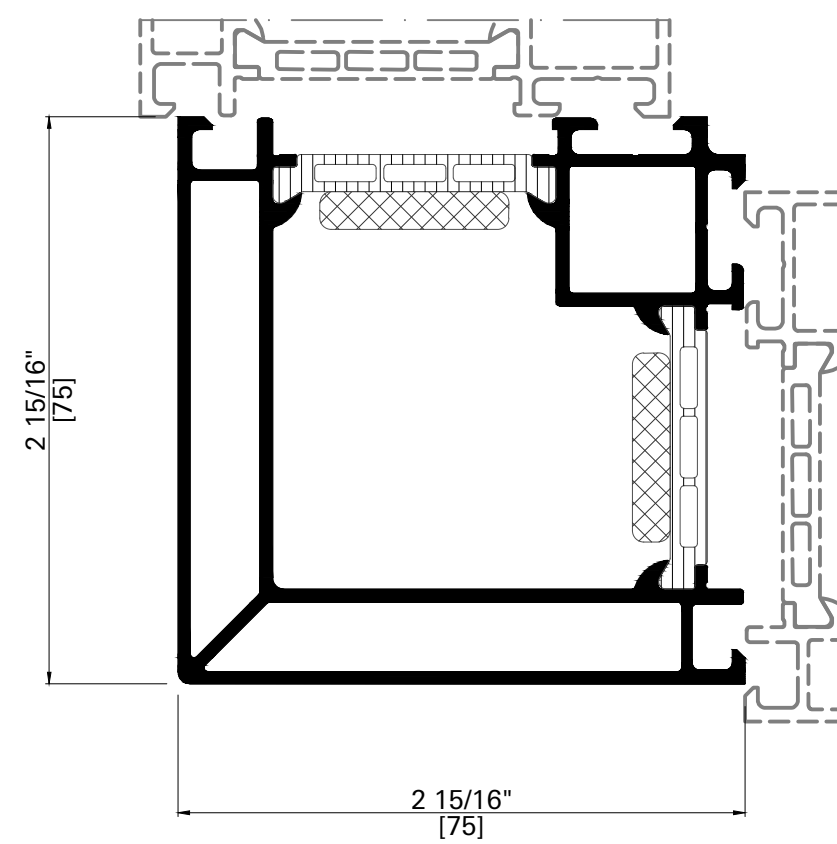


Only suitable for On-Site Glazing!





Only suitable for On-Site Glazing!



Maximum Operable Vent Frame Dimensions (w x h) & Weights

Barrel Hinges (Visible).

Vent Frame Size 3 (Group III.A)

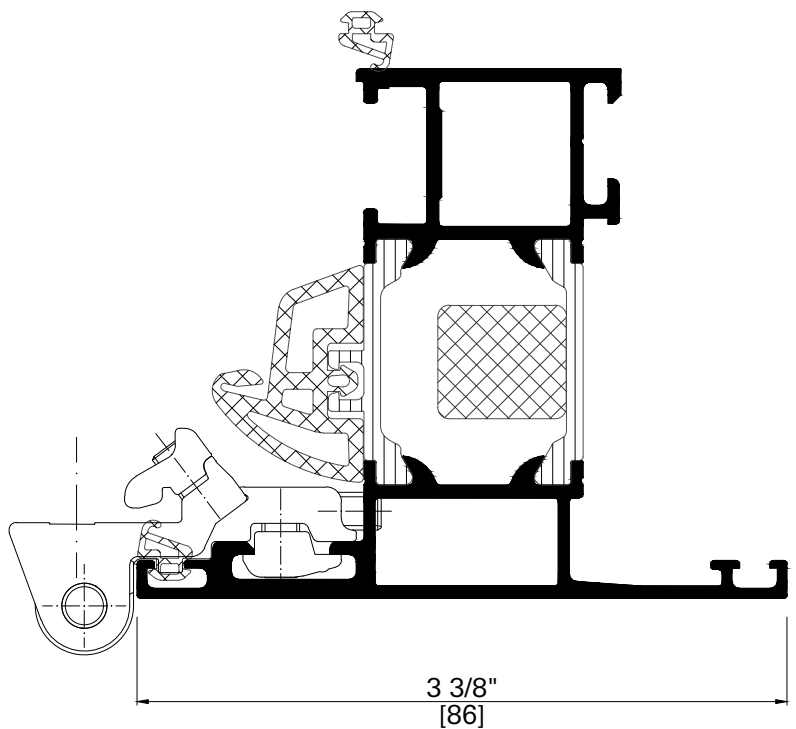
Maximum Operable Vent Frame Dimensions (w x h) & Weight:

Side Hung Casement: up to 286 lbs, [130 kg]

57 ¹/₁₆" x 74 ³/₄", or 39 ³/₈" x 86 ⁵/₈".
[1450 x 1900, or 1000 x 2200]

Top Hung Awning: up to 165 lbs [75 kg]

74 ³/₄" 57 ¹/₁₆", 78 ³/₄" x 39 ³/₈".
[1900 x 1450, or 2000 x 1000].



Vent Frame Size 5 (Group V)

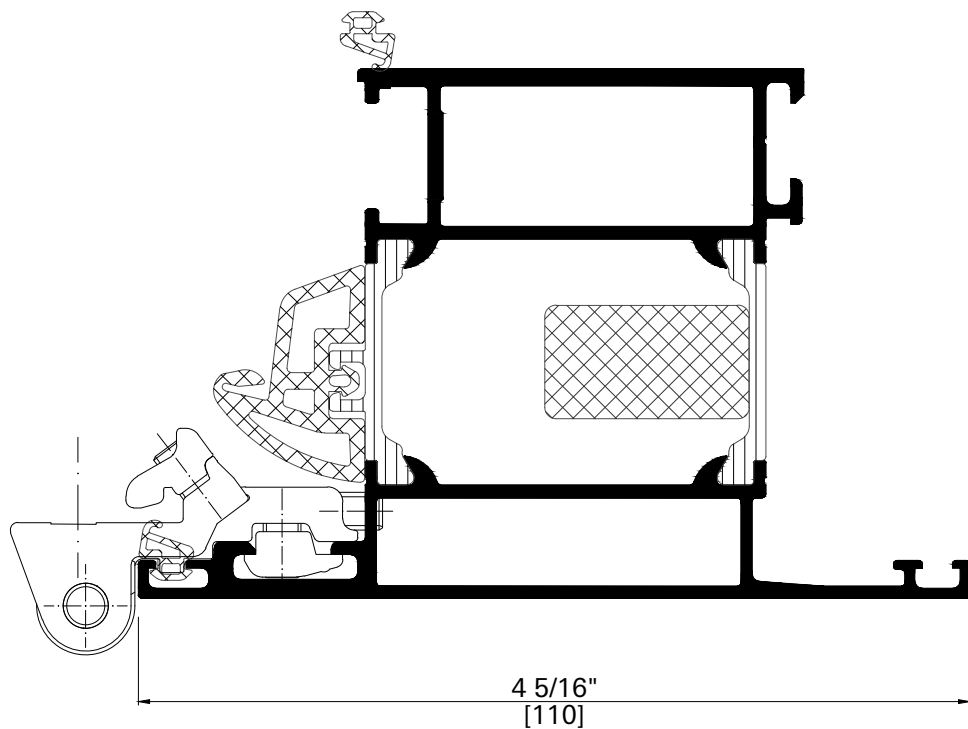
Maximum Operable Vent Frame Dimensions (w x h) & Weight:

Side Hung Casement: up to 286 lbs, [130 kg]

66 ¹⁵/₁₆" x 82 ¹¹/₁₆", or 45 ¹/₄" x 98 ⁷/₁₆".
[1700 x 2100, or 1150 x 2500].

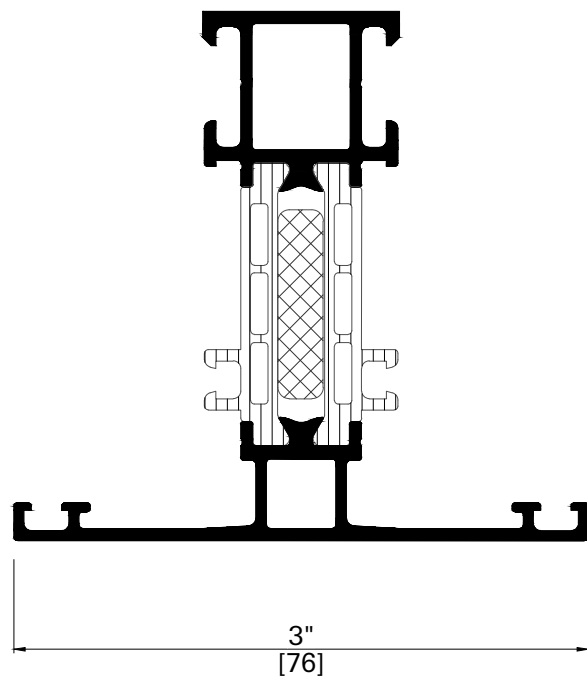
Top Hung Awning: up to 165 lbs [75 kg]

82 ¹¹/₁₆" x 66 ¹⁵/₁₆" , or 86 ⁵/₈" x 39 ³/₈".
2100 x 1700, or 2200 x 1000].



Operable Vent Muntin / Sash Bar.

Maximum Operable Vent Frame Dimensions will be reduced when dividing the glass panes within an operable light. Please contact Schuco USA for more information about maximum sizes when required.



Friction Hinges (Concealed)

Vent Frame Size 3 (Group III.A)

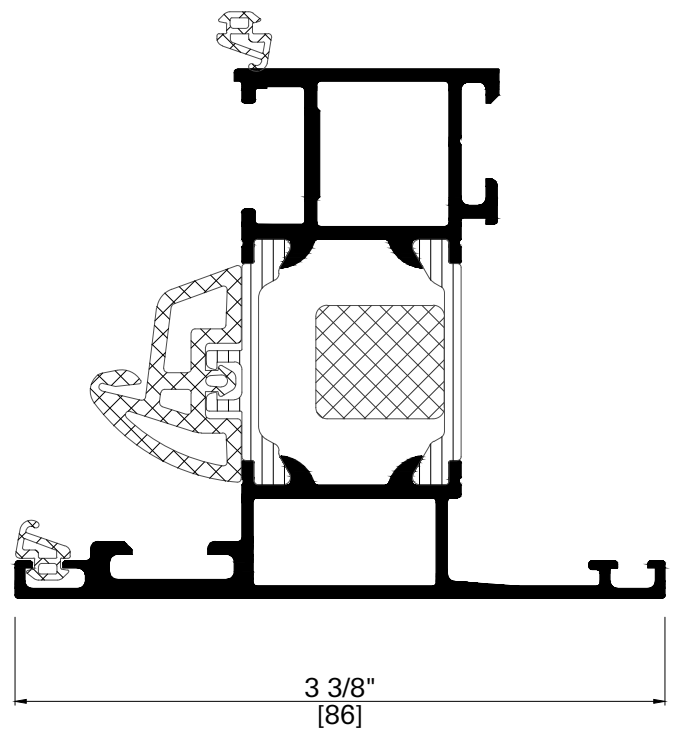
Maximum Operable Vent Frame Dimensions (w x h) & Weight:

Side Hung Casement: up to 286 lbs, [130 kg]

51 ³/₁₆" x 74 ¹³/₁₆" or 39 ³/₈" x 86 ⁵/₈".
[1300 x 1900, or 1000 x 2200]

Top Hung Awning: up to 352 lbs [160 kg]

78 ³/₄" x 78 ³/₄".
[2000 x 2000].



Vent Frame Size 5 (Group V)

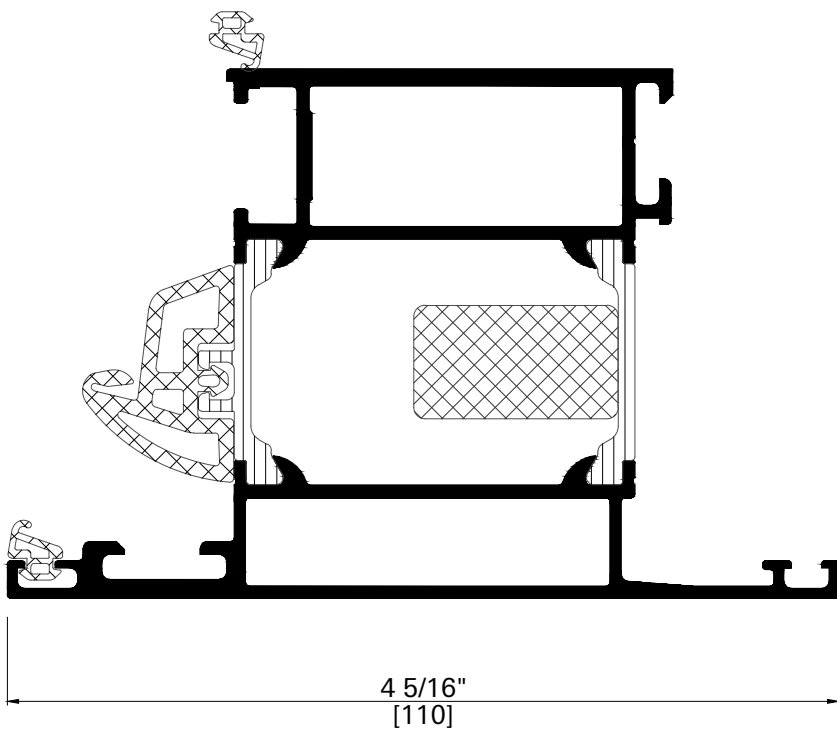
Maximum Operable Vent Frame Dimensions (w x h) & Weight:

Side Hung Casement: up to 286 lbs, [130 kg]

57 ¹/₁₆" x 82 ¹¹/₁₆", or 39 ³/₈" x 98 ⁷/₁₆".
[1450 x 2100, or 1000 x 2500].

Top Hung Awning: up to 352 lbs [160 kg]

86 ⁵/₈" x 78 ³/₄".
[2200 x 2000].



Maximum Operable French Casement Vent Frame Dimensions (w + w x h) & Weights

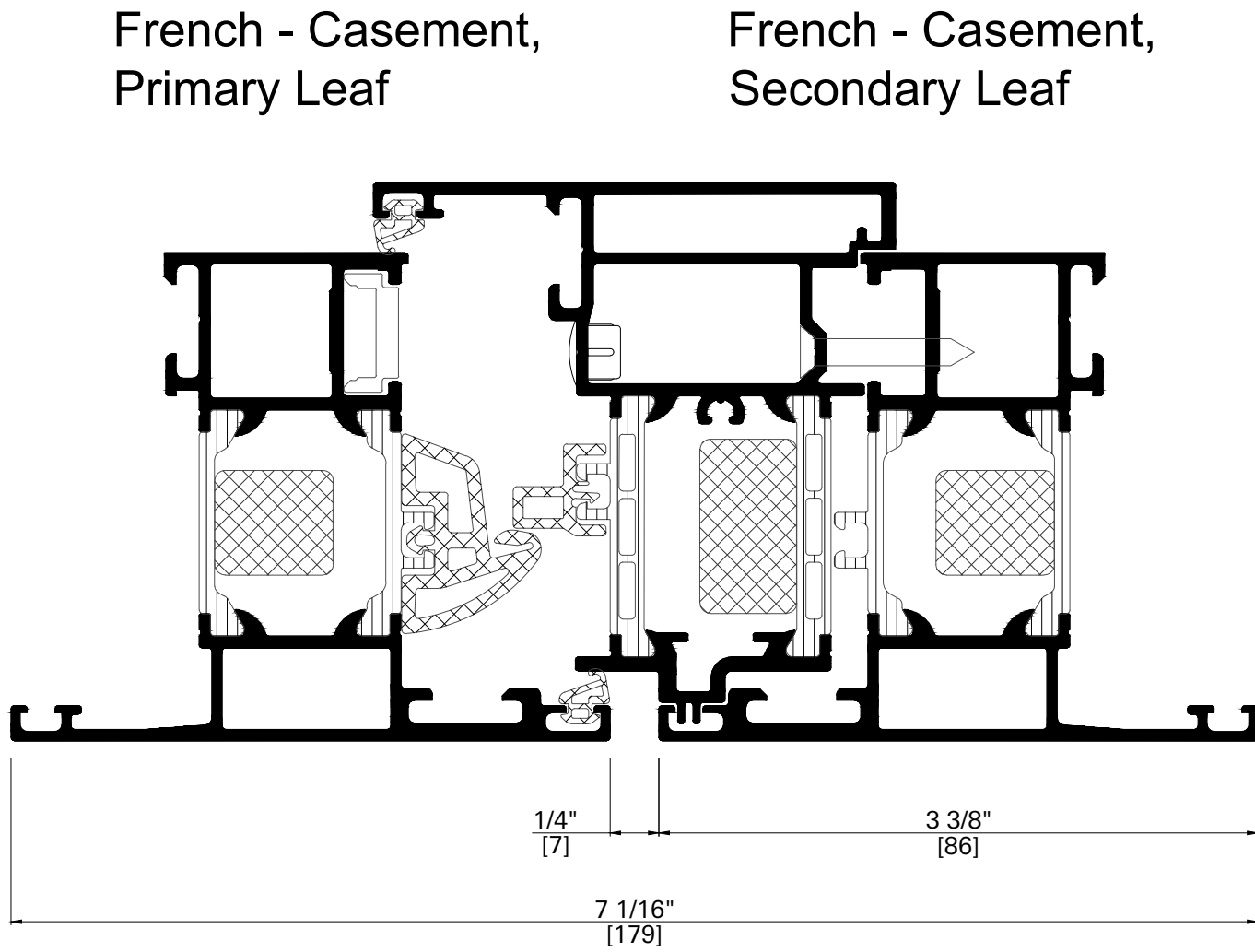
Barrel Hinges (Visible).

Vent Frame Size 3 (Group III.A)

Maximum Operable Vent Frame Dimensions (w + w x h):

Casement and Casement + Casement: up to 286 lbs, [130 kg]

55 1⁄8" + 47 1⁄4" x 63", or 39 3⁄8" + 39 3⁄8" x 86 5⁄8".
[1400 + 1200 x 1600, or 1000 + 1000 x 2200].

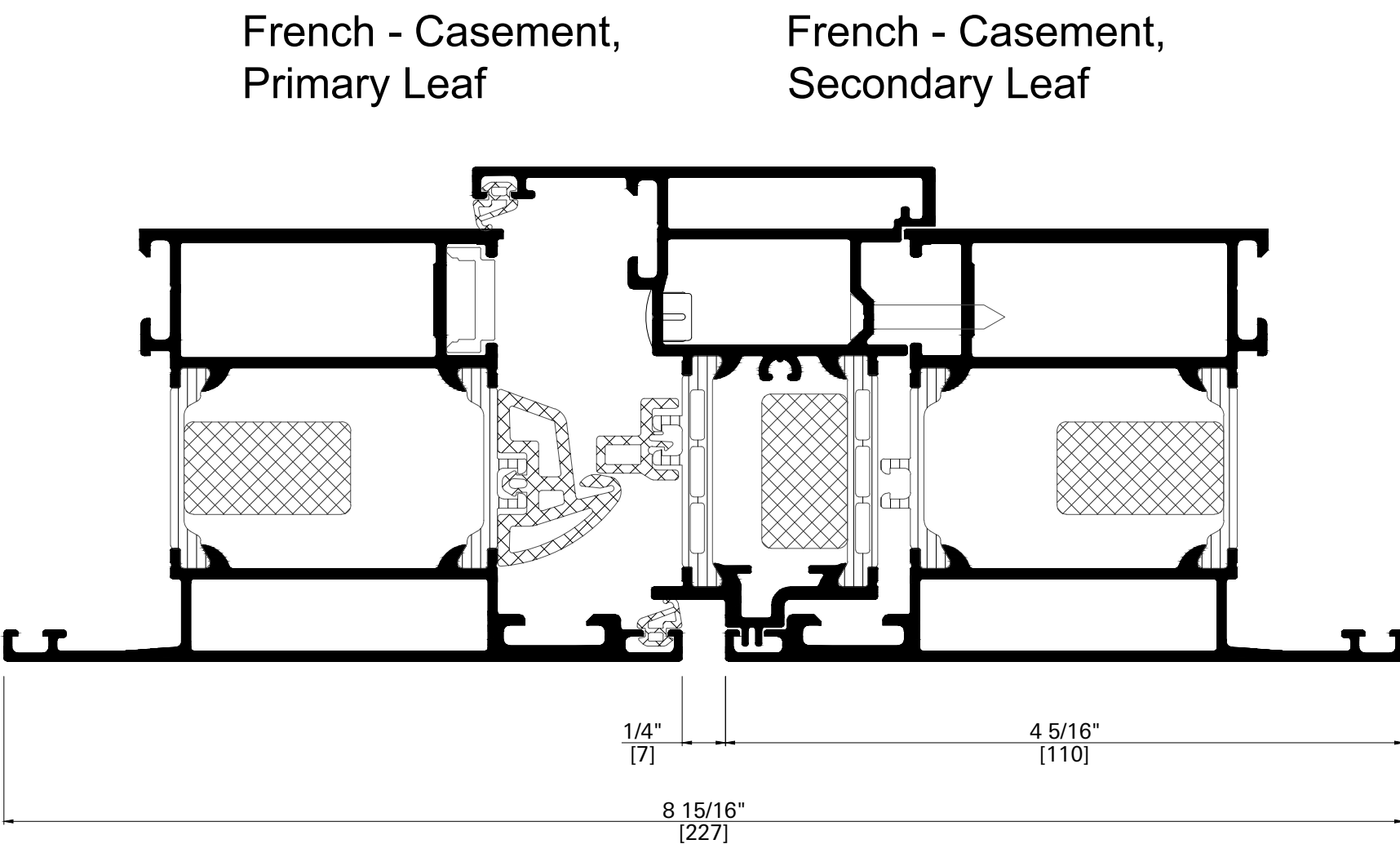


Vent Frame Size 5 (Group V)

Maximum Operable Vent Frame Dimensions (w + w x h):

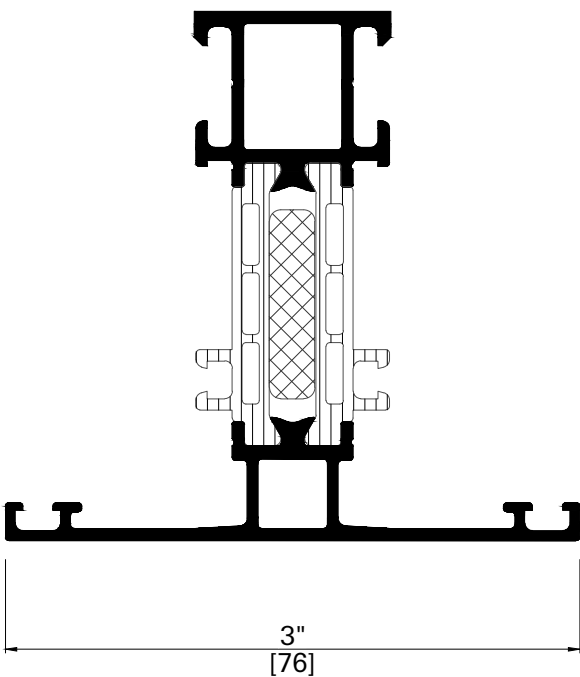
Dual Action + Casement and Casement + Casement: up to 286 lbs, [130 kg]

55 1⁄8" + 47 1⁄4" x 63", or 39 3⁄8" + 39 3⁄8" x 98 7⁄16".
[1400 + 1200 x 1600, or 1000 + 1000 x 2500].



Operable Vent Muntin / Sash Bar.

Maximum Operable Vent Frame Dimensions will be reduced when dividing the glass panes within an operable light. Please contact Schuco USA for more information about maximum sizes when required.



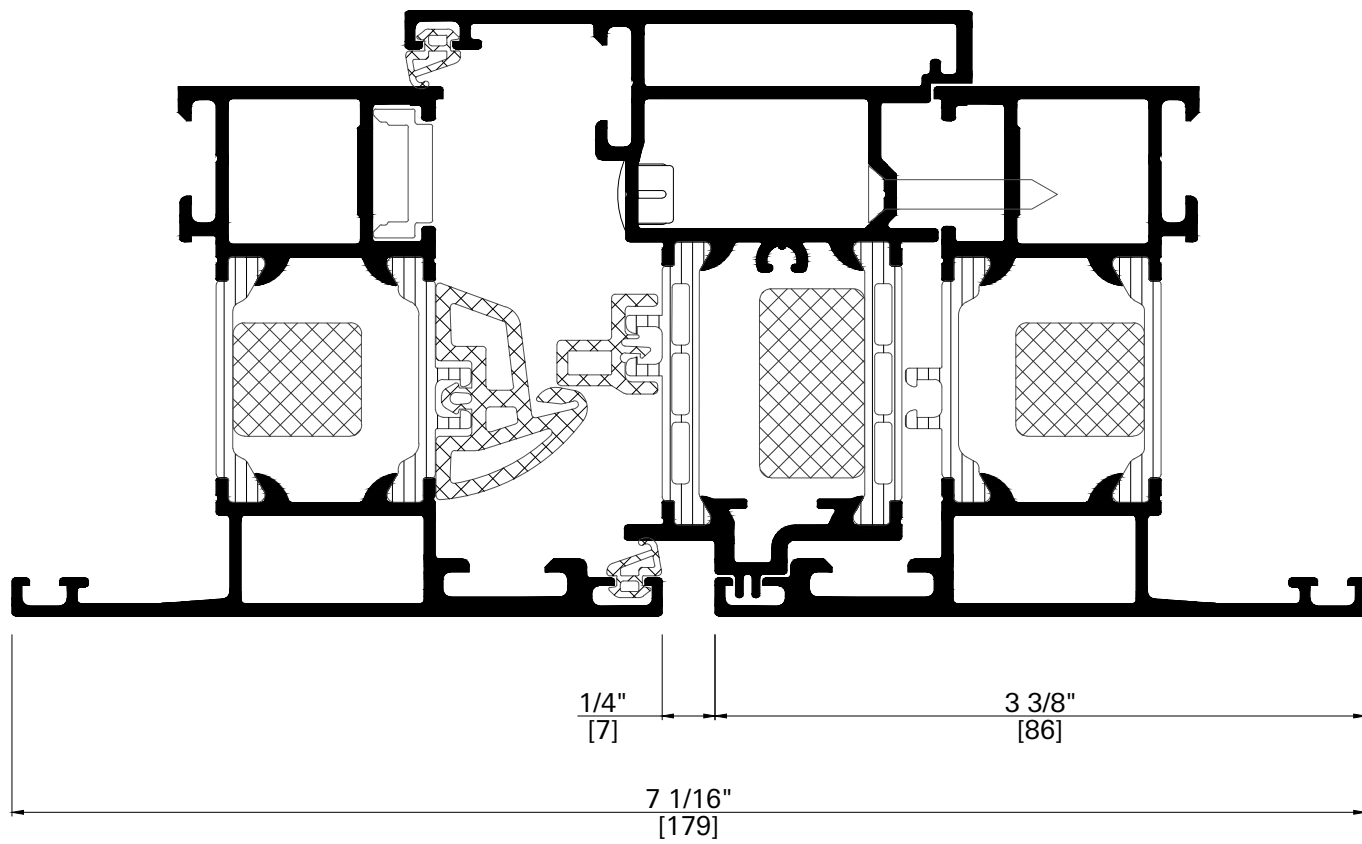
Friction Hinges (Concealed)

Vent Frame Size 3 (Group III.A)

Maximum Operable Vent Frame Dimensions (w + w x h):

Casement and Casement + Casement: up to 286 lbs, [130 kg]

47 1⁄4" + 47 1⁄4" x 63", or 39 3⁄8" + 39 3⁄8" x 86 5⁄8".
[1200 + 1200 x 1600, or 1000 + 1000 x 2200].

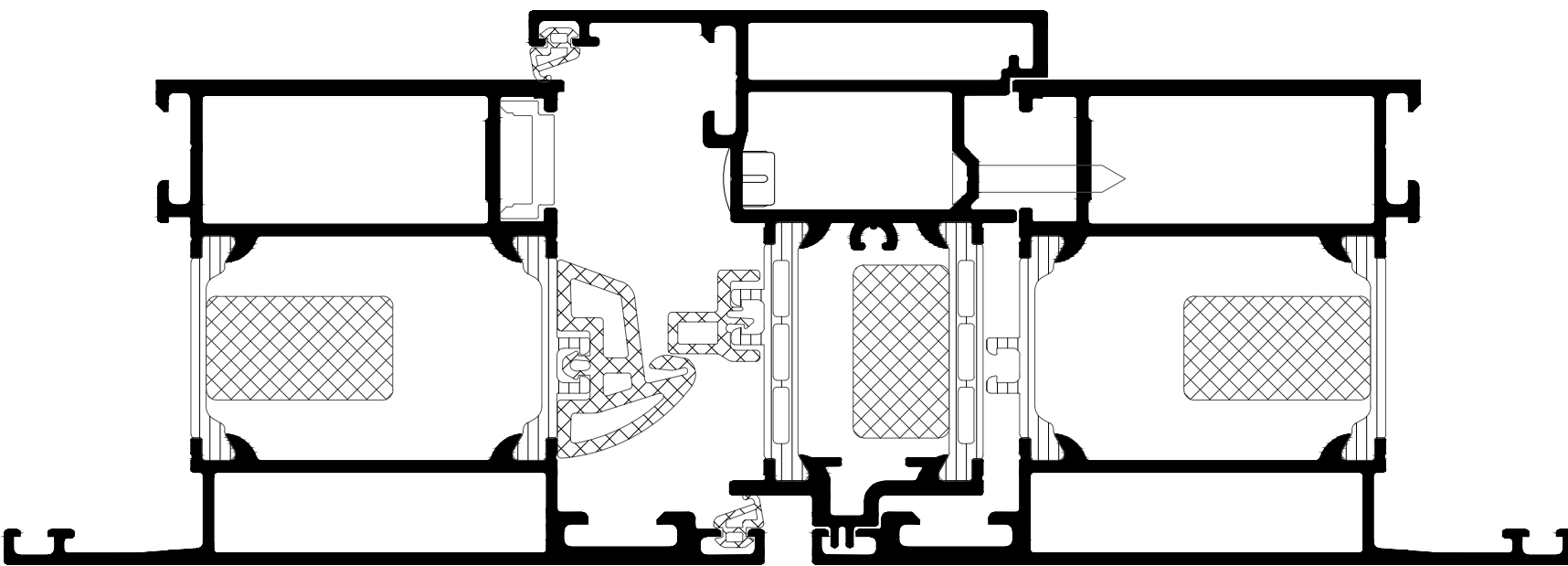


Vent Frame Size 5 (Group V)

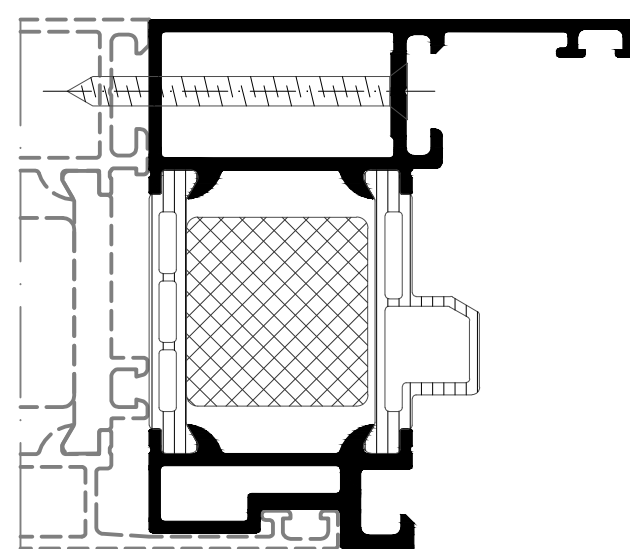
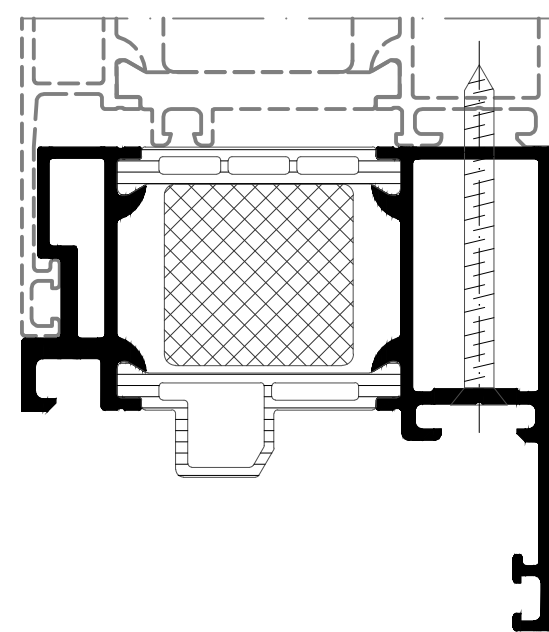
Maximum Operable Vent Frame Dimensions (w + w x h):

Dual Action + Casement and Casement + Casement: up to 286 lbs, [130 kg]

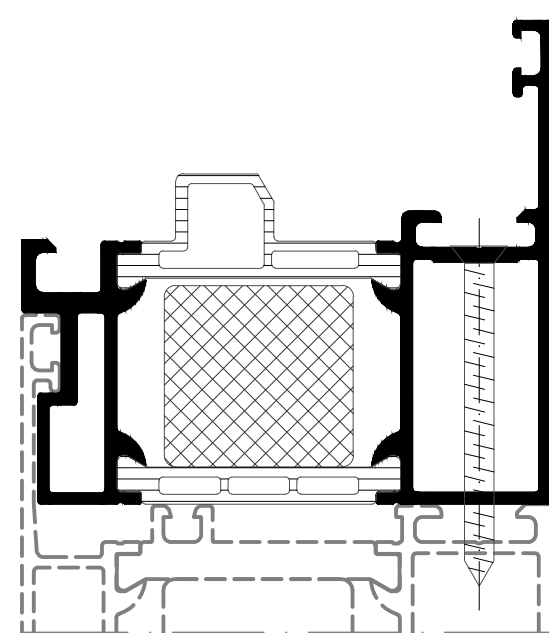
47 1⁄4" + 47 1⁄4" x 63", or 39 3⁄8" + 39 3⁄8" x 98 7⁄16".
[1200 + 1200 x 1600, or 1000 + 1000 x 2500].



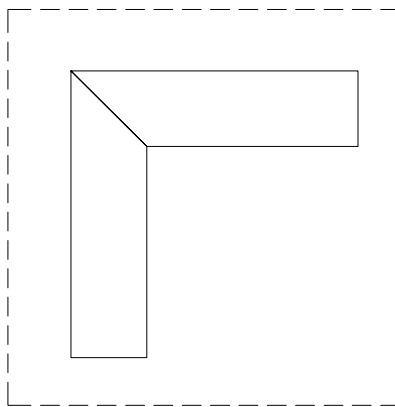
Alternative Method for Outward Opening Windows; Use Inward Opening / Inside Glazed Fixed Framing with a Reverse ADAPTOR Profile. This means the Fixed Lights are inside glazed too.

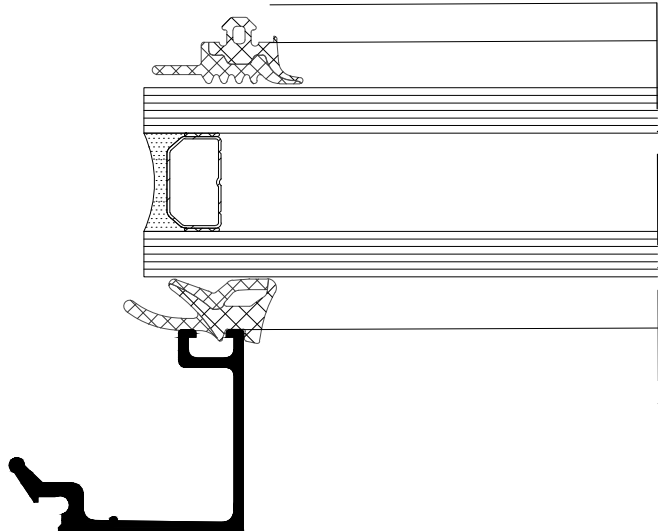
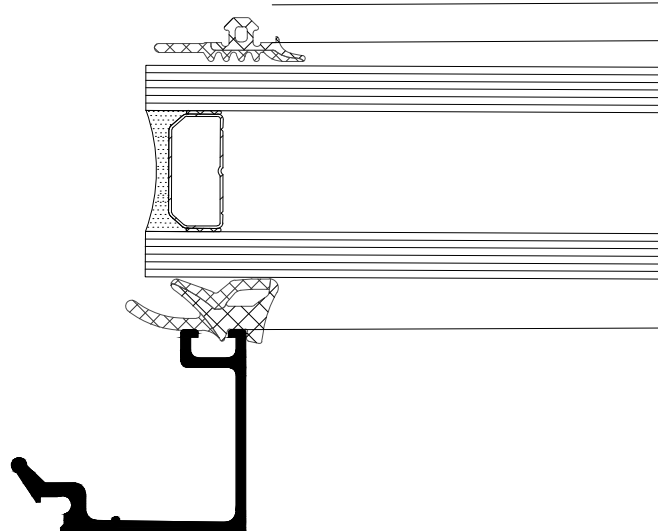
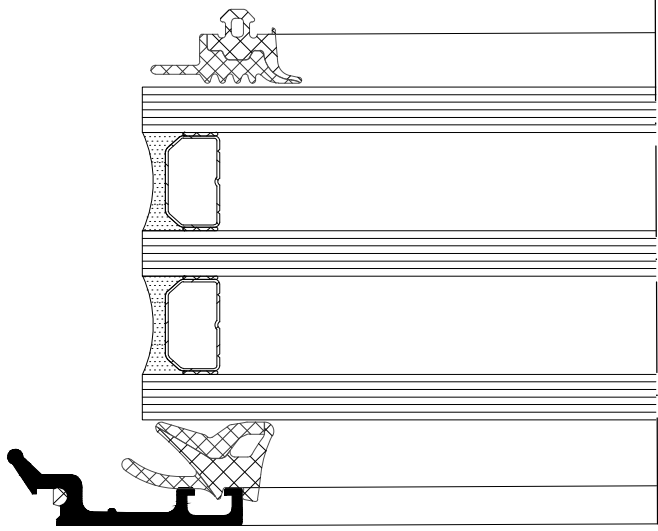
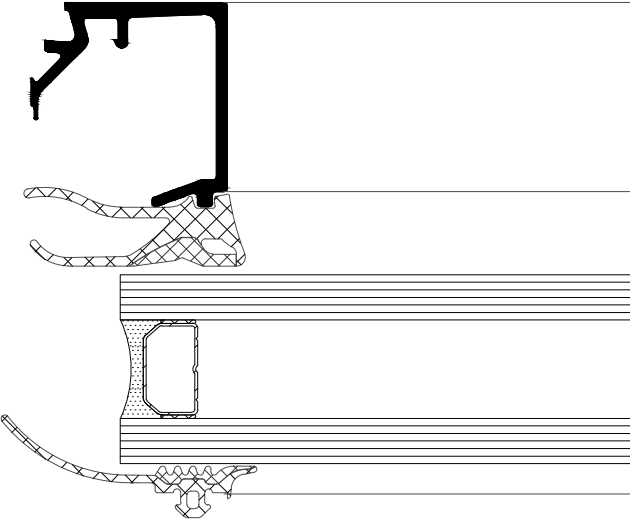
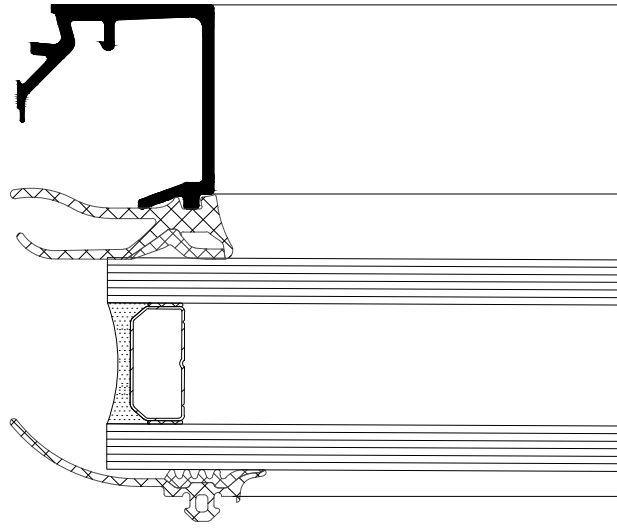
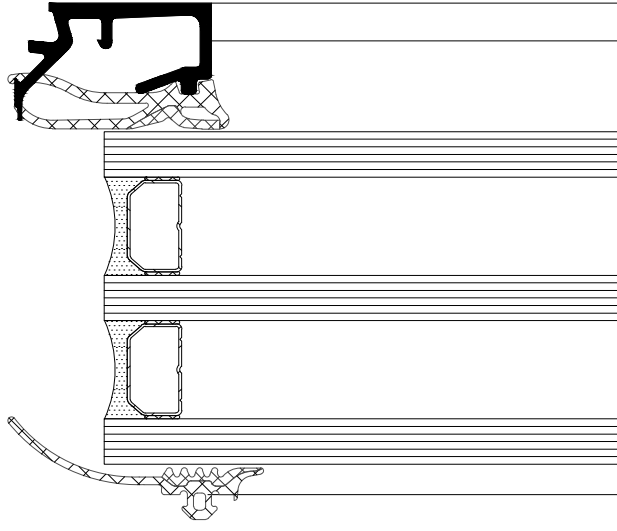
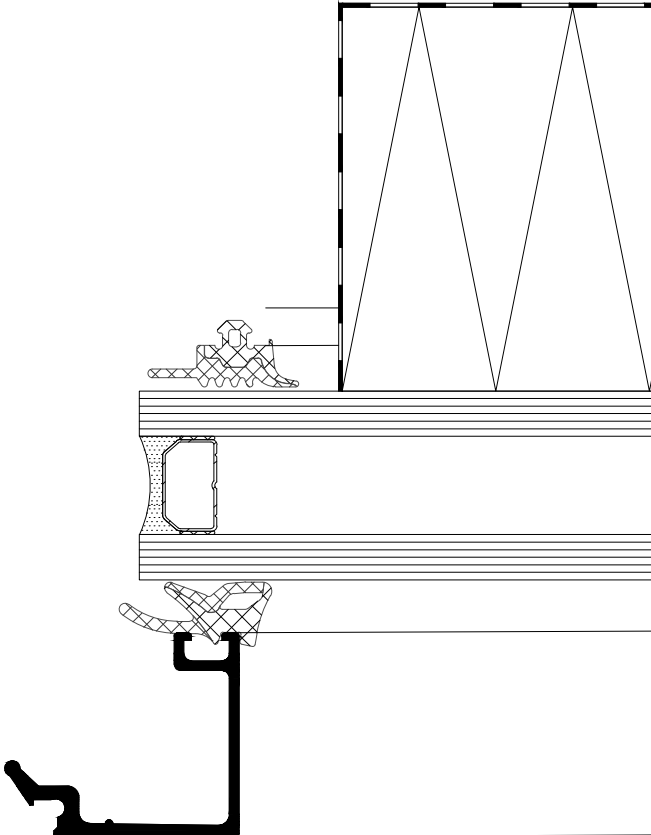


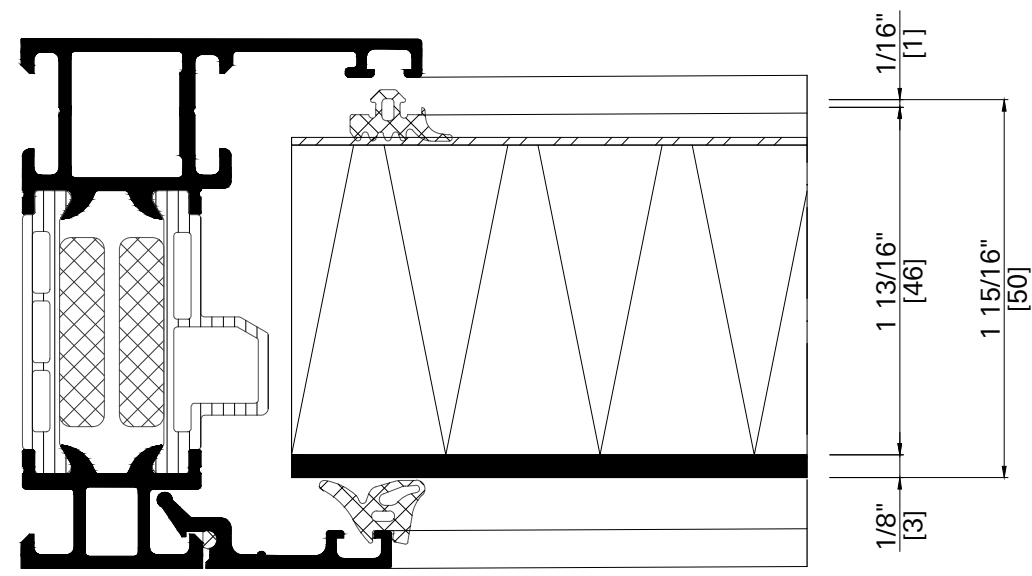
Adaptor Profile for Outward Opening Windows;
Use with Inside Glazed Frame Profiles: -
See Inward Opening CAD File.



Position Adaptor Profile on all 4 sides of an
Inward Opening D.L.O.. Adaptor Profile must
have mitered corners.



	1" IGU (25 mm)	1 1/8" IGU (28 mm)		1 3/4" IGU (44 mm)
Outside Glazed Fixed Lite				
Operable Vent				
Glass Spandrel				



Flush Metal Spandrel
Panel. 1 $\frac{15}{16}$ " Option

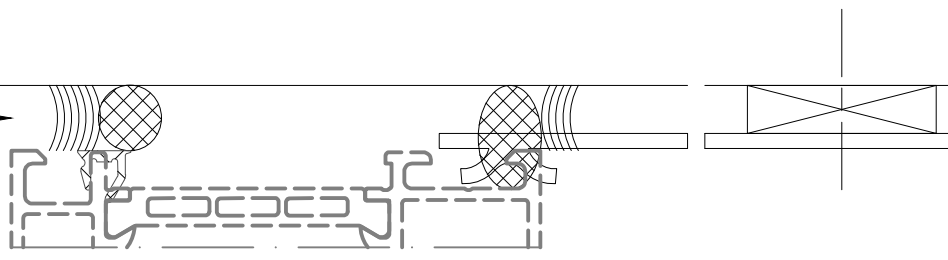
Attachment Details

Surface Mounted

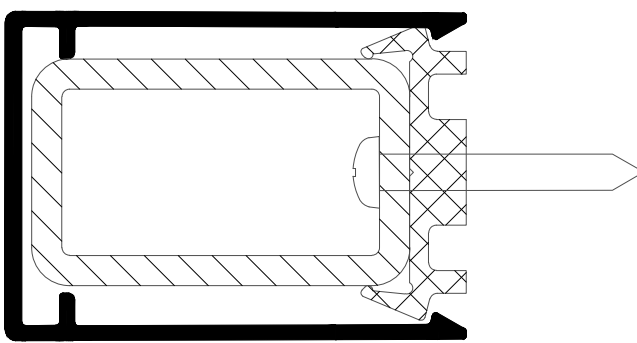
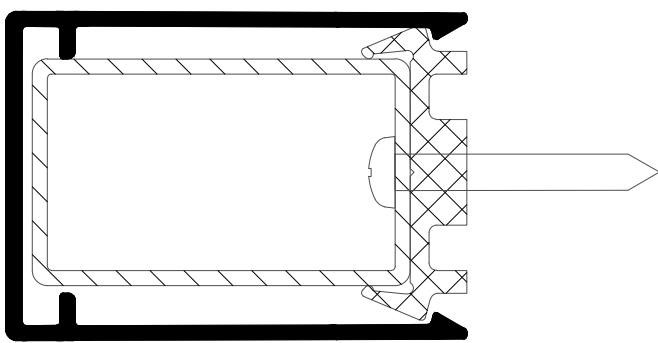
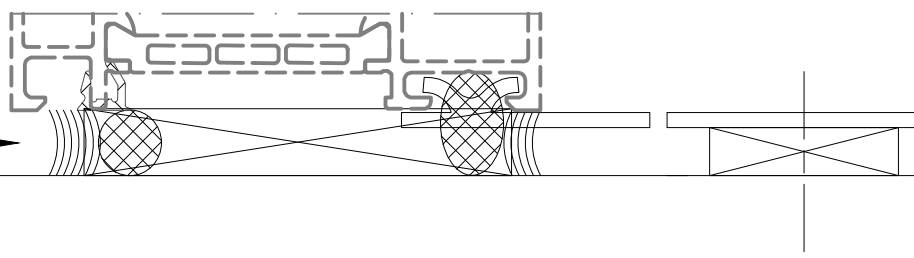
ADAPTOR PROFILE

Drainage Weep Hole

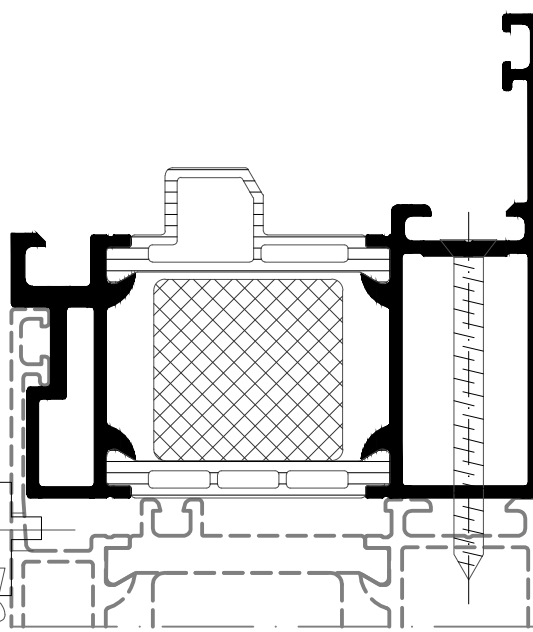
Perimeter Head & Jamb:
Strap Anchor suitable for
Factory Glazing.



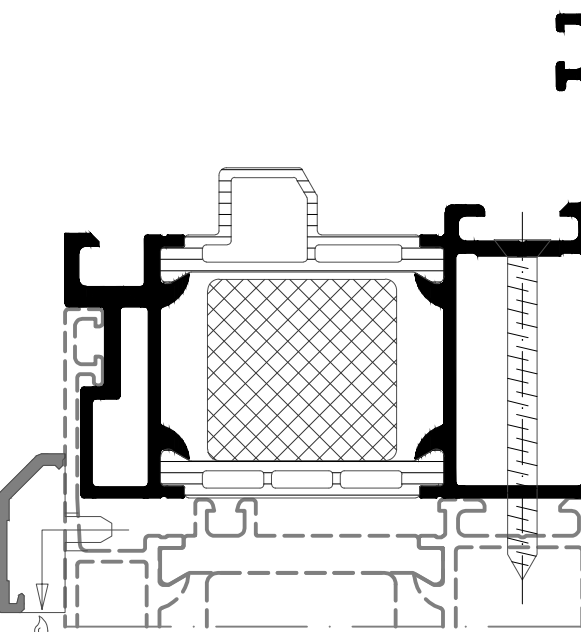
Perimeter Sill:
Strap Anchor suitable for
Factory Glazing.



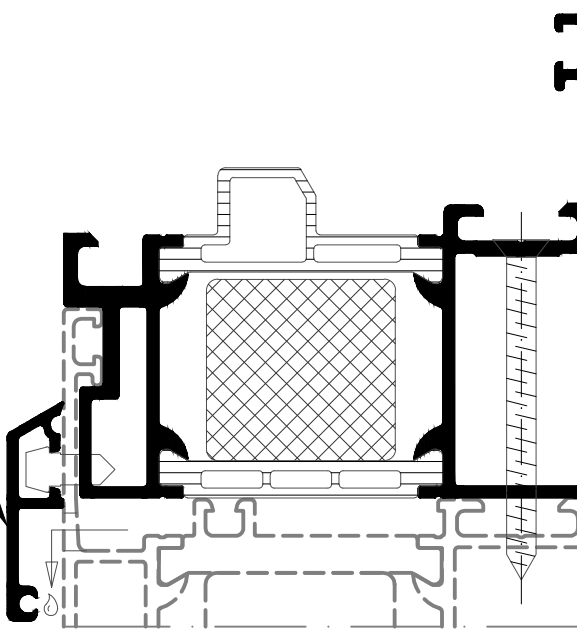
Horizontal Profile Drainage:
Weep Cover Plastic.
[Black, Gray or White]



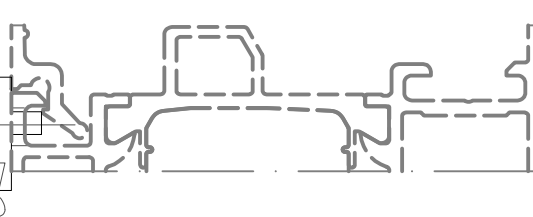
Horizontal Profile Drainage:
Weep Cover Finished Aluminum.



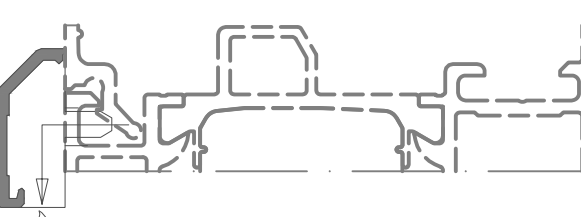
Horizontal Profile Drainage:
Continuous Finished Aluminum.



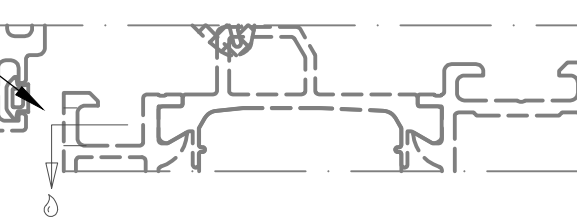
Horizontal Profile Drainage:
Weep Cover Plastic.
[Black, Gray or White]



Horizontal Profile Drainage:
Weep Cover Finished Aluminum.



Horizontal Profile Drainage:
No Weep Covers, gasket
tear-off removed locally only



Fixed Lites

Fixed Lites

Outward Opening