



JELD-WEN
WINDOWS & DOORS

W-2500™

Aluminum Clad-
Wood Windows
Geometric Direct Set

Architectural Design Manual



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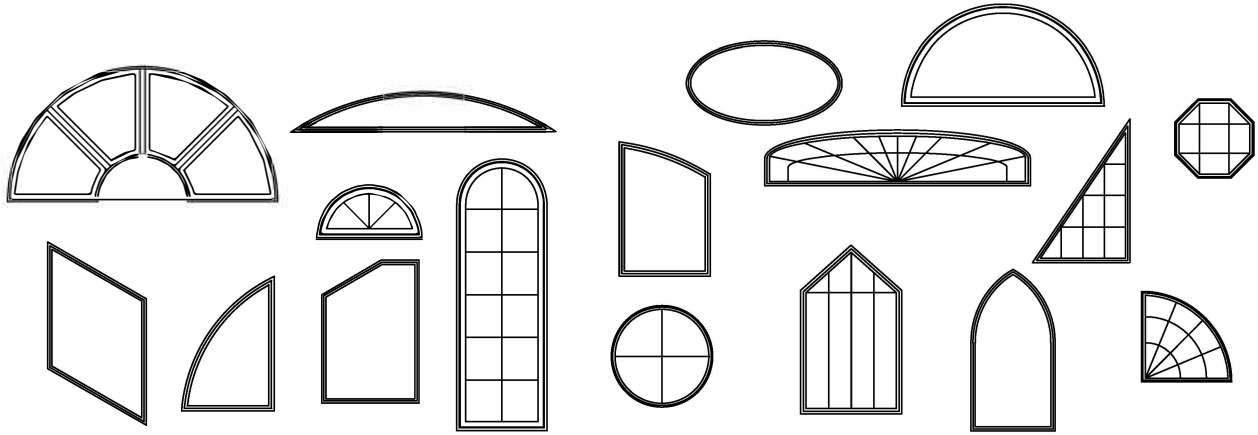
Sizing Details

Min-Max Standard Sizing	11
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GENERAL INFORMATION

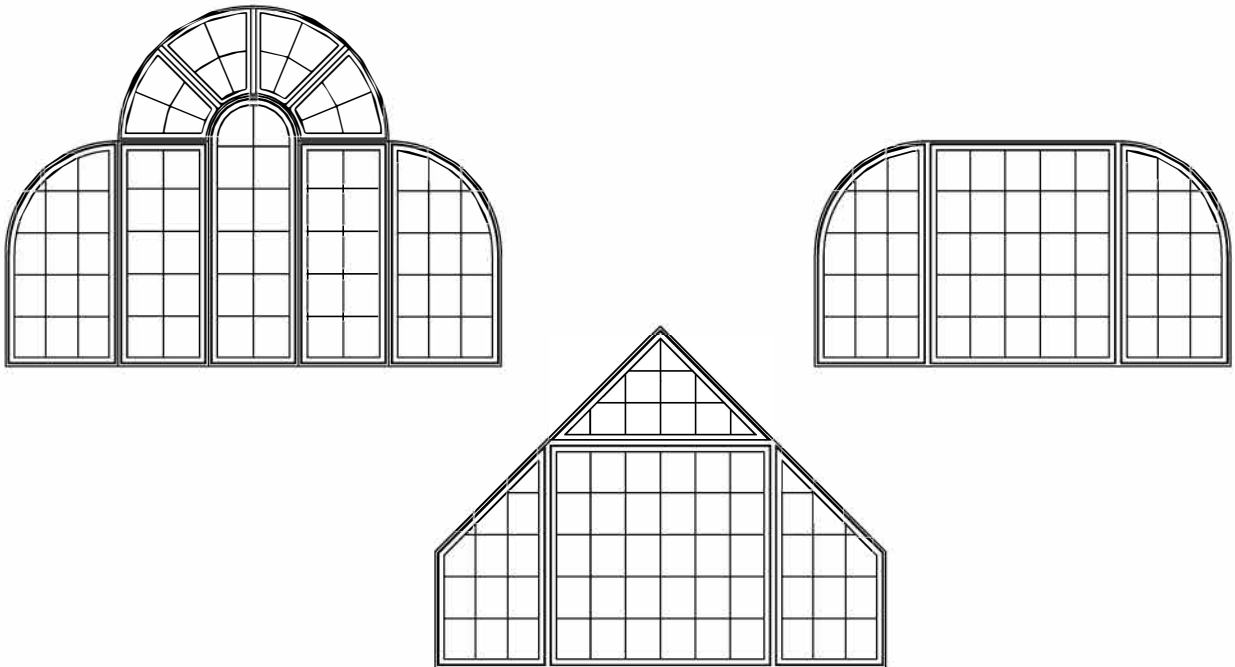
Standard Sizes & Designs

W-2500™ Clad-Wood Geometric Direct Set windows are produced exclusively to customer order and are available in a nearly infinite range of sizes and shapes. Specified sizes, angles, and radii can be attained in finished units to meet the most demanding architectural requirements.



Multiple Assemblies

W-2500™ Clad-Wood Geometric Direct Set windows may be mullioned beside other clad-wood geometric windows, or to other clad-wood window products, to fulfill a variety of architectural design needs.

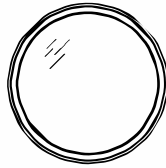




STANDARD WINDOW SHAPES



Rectangular



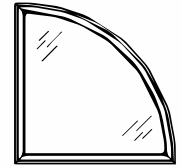
Full Round



Half Round



Extended
Half Round



Quarter Round



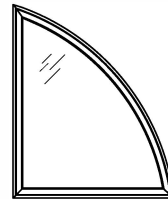
Extended
Quarter Round



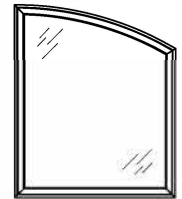
Circle Segment



Extended
Circle Segment



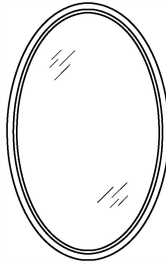
Quarter Segment



Extended
Quarter Segment



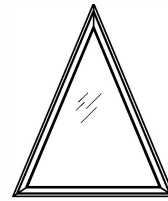
Ellipse



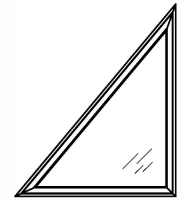
Oval



Gothic



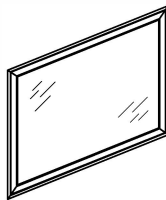
Triangle



Right Triangle



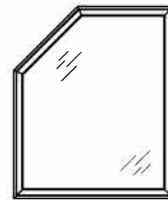
Trapezoid



Parallelogram



Pentagon



Clipped Corner



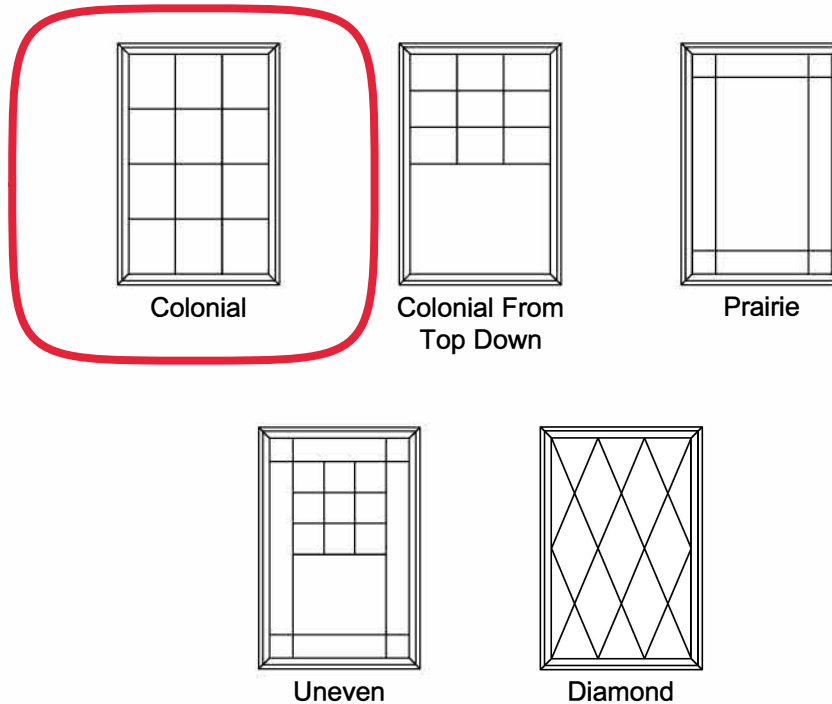
Octagon



GRID PATTERNS

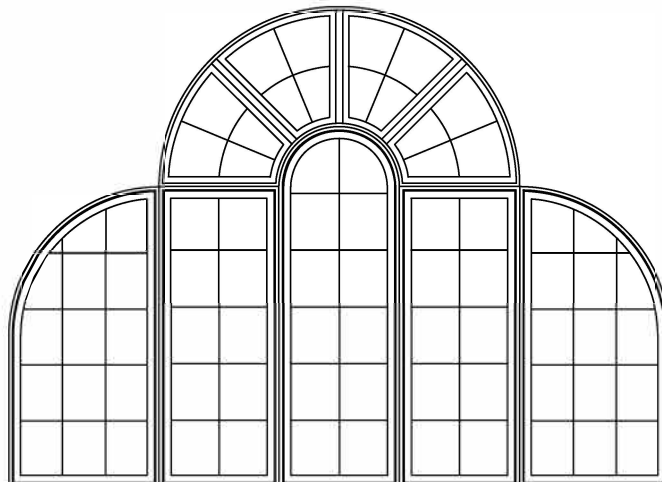
W-2500™ Clad-Wood Geometric Direct Set Windows are available with removable grilles, Grilles Between Glass (GBG), or Simulated Divided Lites (SDL) in various styles and widths. The standard grid patterns for rectangular units are shown below. Standard grid patterns vary with window style.

Special grid patterns can include a wide variety of straight line and radius patterns. Non-standard patterns are subject to factory approval.



Bar Alignment

Alignment of bars from product to product is often required. SDL, GBG, and wood grilles may be specified with bars aligned.

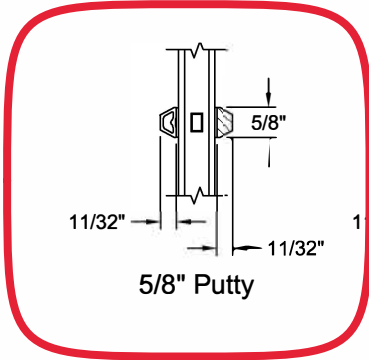




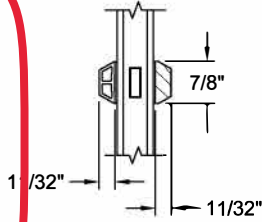
GRID OPTIONS

Exterior ← → Interior

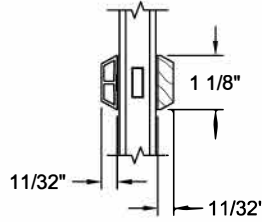
SDL Options



5/8" Putty



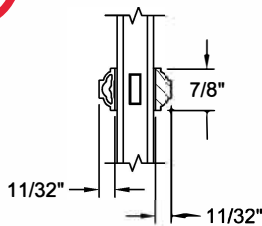
7/8" Putty



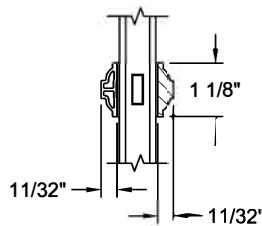
1 1/8" Putty

Various combinations of the SDL bars shown are available.

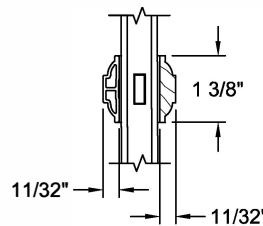
SDLs are permanent. Interior Grille and Surround are removable.



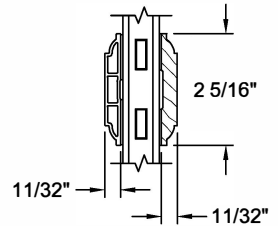
7/8" Bead



1 1/8" Bead



1 3/8" Bead

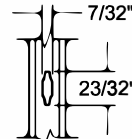


2 5/16" Bead

GBG Options



5/8" Flat

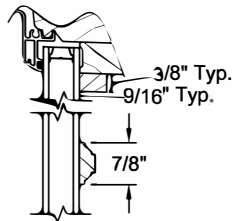


23/32" Contoured

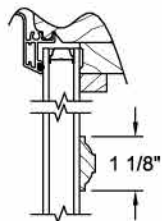


1" Contoured

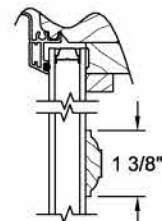
Grille Options



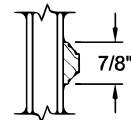
7/8" Full Surround



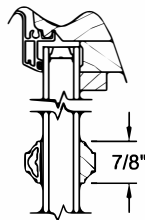
1 1/8" Full Surround



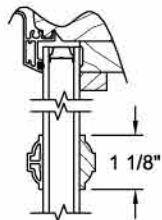
1 3/8" Full Surround



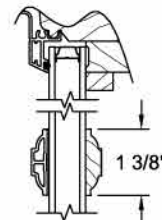
7/8" Wood Grille



7/8" Bead SDL w/Full Surround



1 1/8" Bead SDL w/Full Surround



1 3/8" Bead SDL w/Full Surround



UNIT SIZING

Rough Opening

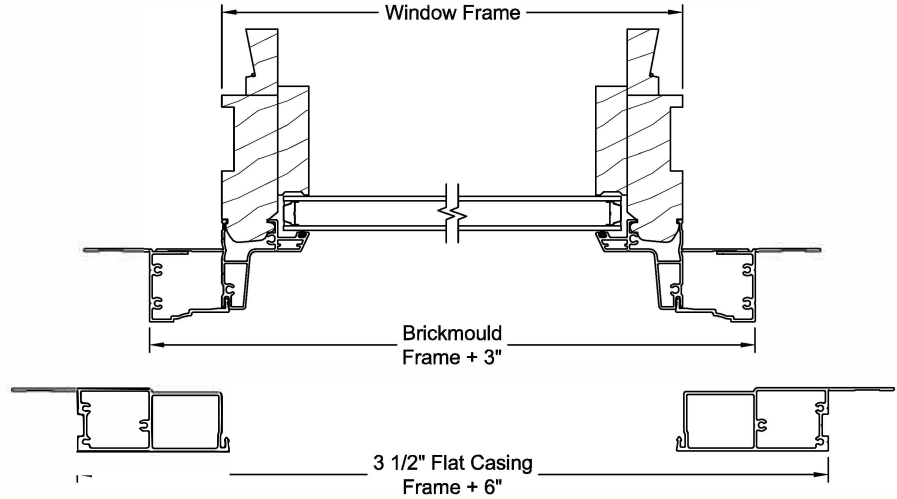
The frame size of the window plus 3/4".

Masonry Opening

The overall size of the window, including trim, plus 1/2".

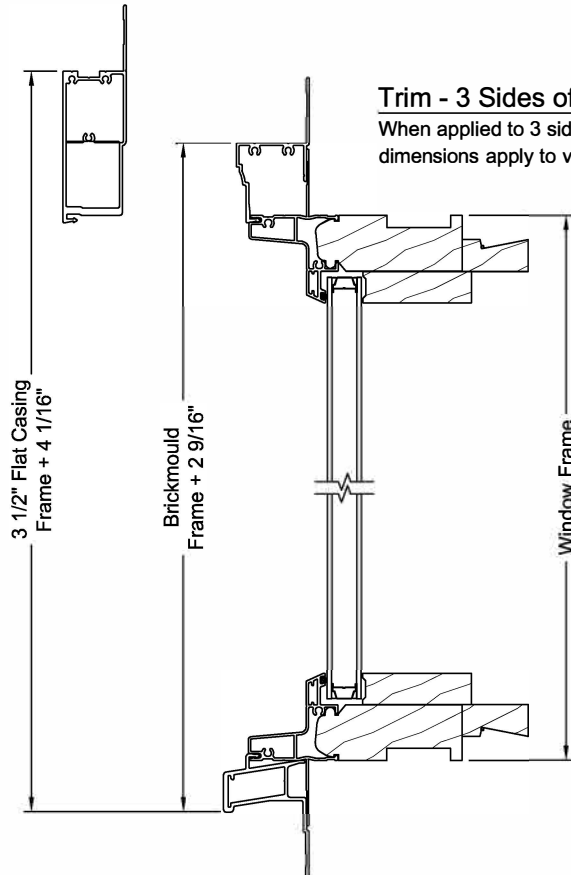
Trim - 4 Sides of Unit

When applied to 4 sides of unit, these dimensions apply to both vertical and horizontal window sections.



Trim - 3 Sides of Unit

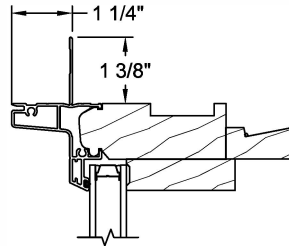
When applied to 3 sides of unit, with 1" Sill Nose, these dimensions apply to vertical sections only.



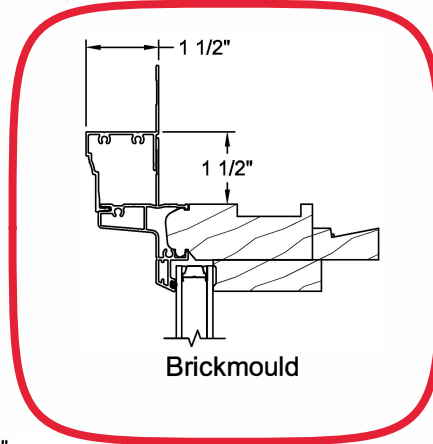


TRIM & SILL NOSE OPTIONS

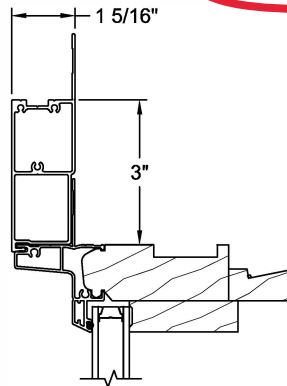
Trim Options



Standard Nail Fin



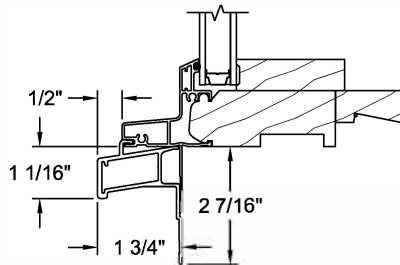
Brickmould



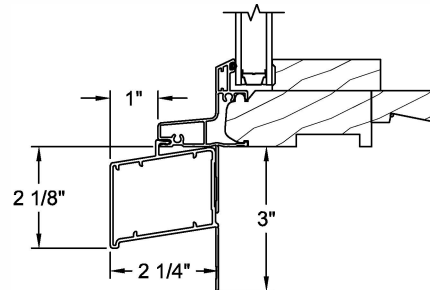
3 1/2" Flat Casing

Trim shown without drip cap for clarity.

Sill Nose Options



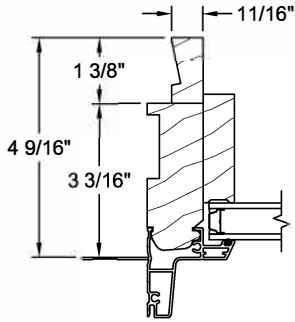
1" Sill Nose



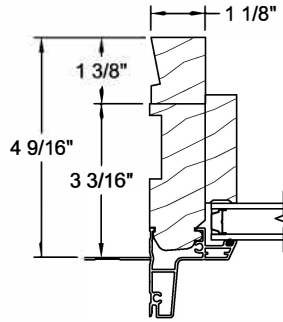
2" Sill Nose



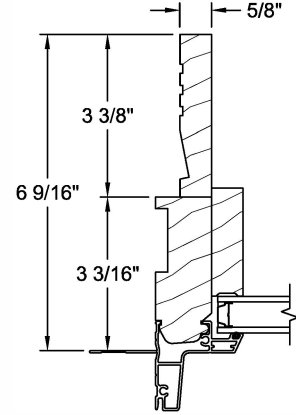
JAMB EXTENDER OPTIONS



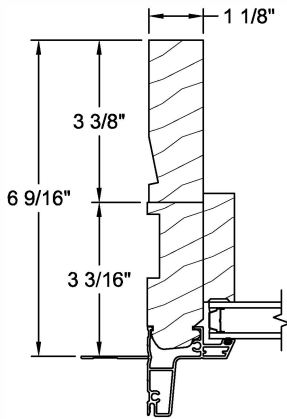
4 9/16" Jamb Width
4/4 Jamb Thickness



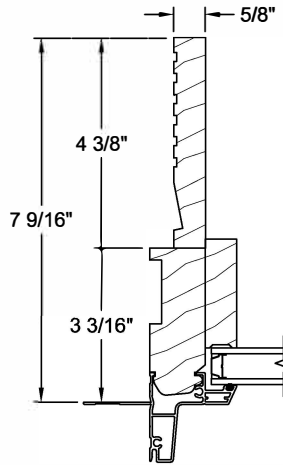
4 9/16" Jamb Width
5/4 Jamb Thickness



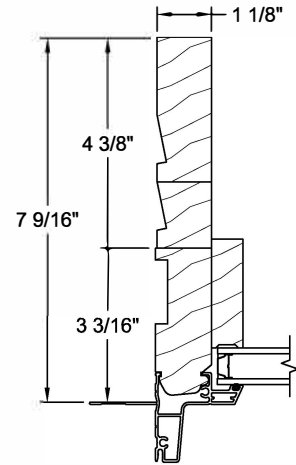
6 9/16" Jamb Width
4/4 Jamb Thickness



6 9/16" Jamb Width
5/4 Jamb Thickness



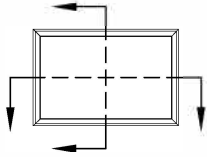
7 9/16" Jamb Width
4/4 Jamb Thickness



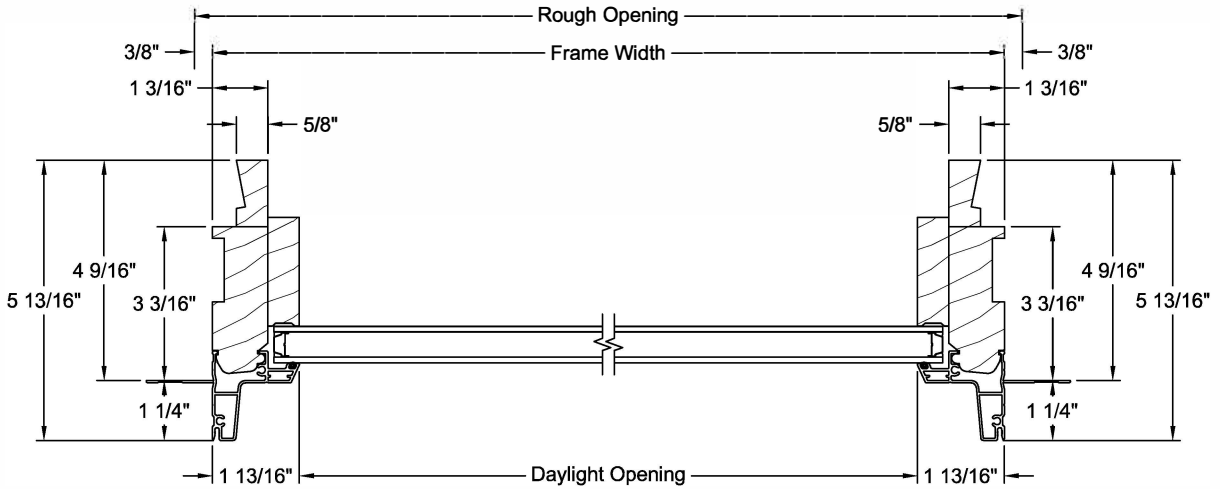
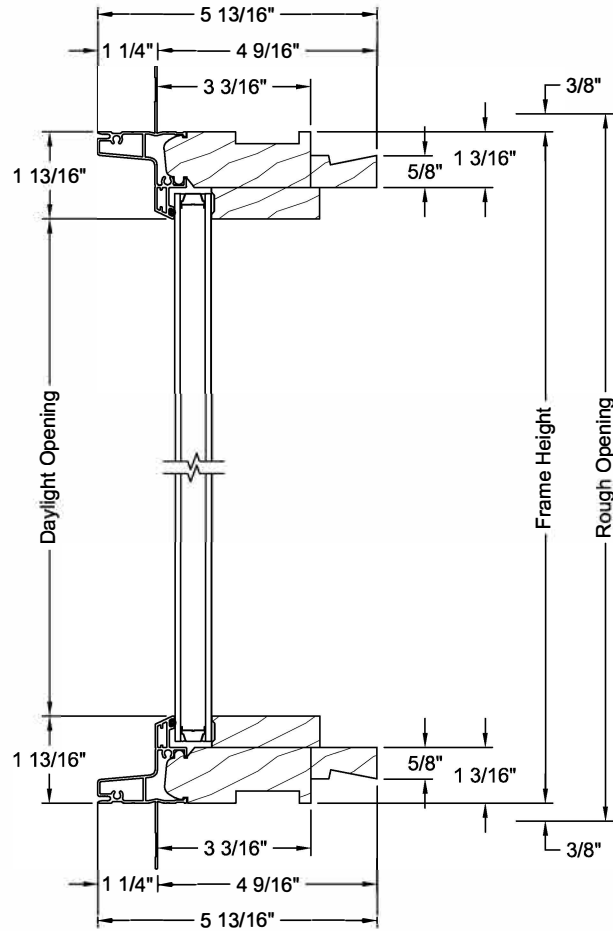
7 9/16" Jamb Width
5/4 - 5/4 Stacked Jamb



STATIONARY STRAIGHTLINE SECTIONS

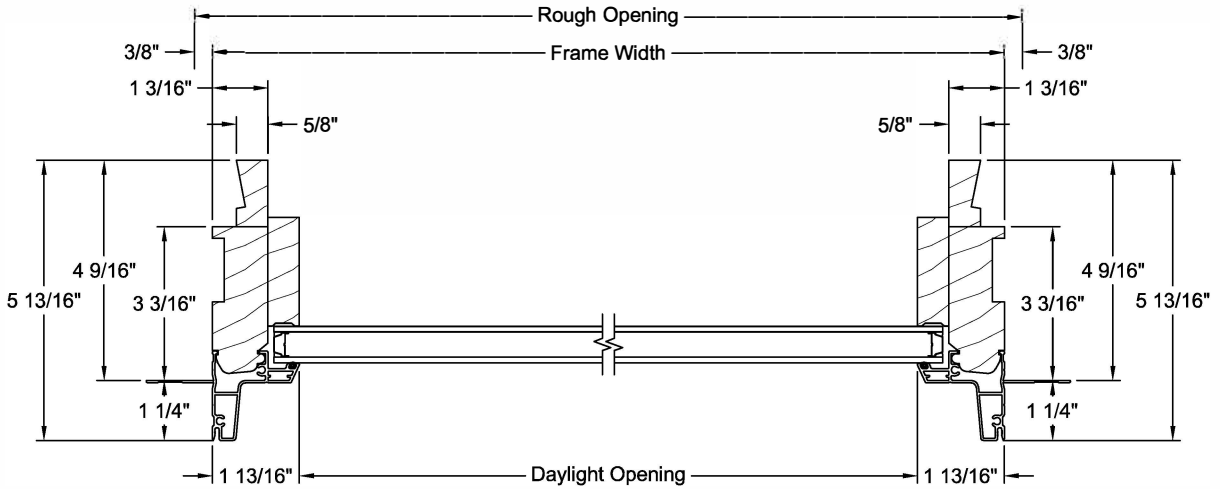
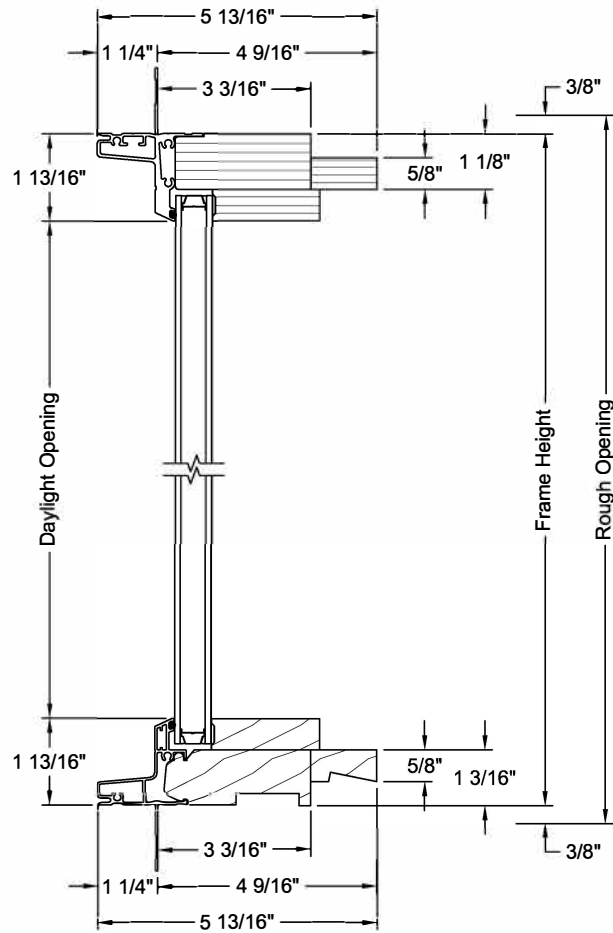
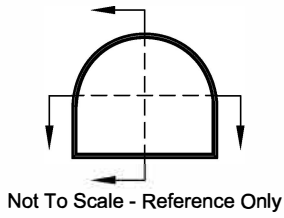


Not To Scale - Reference Only



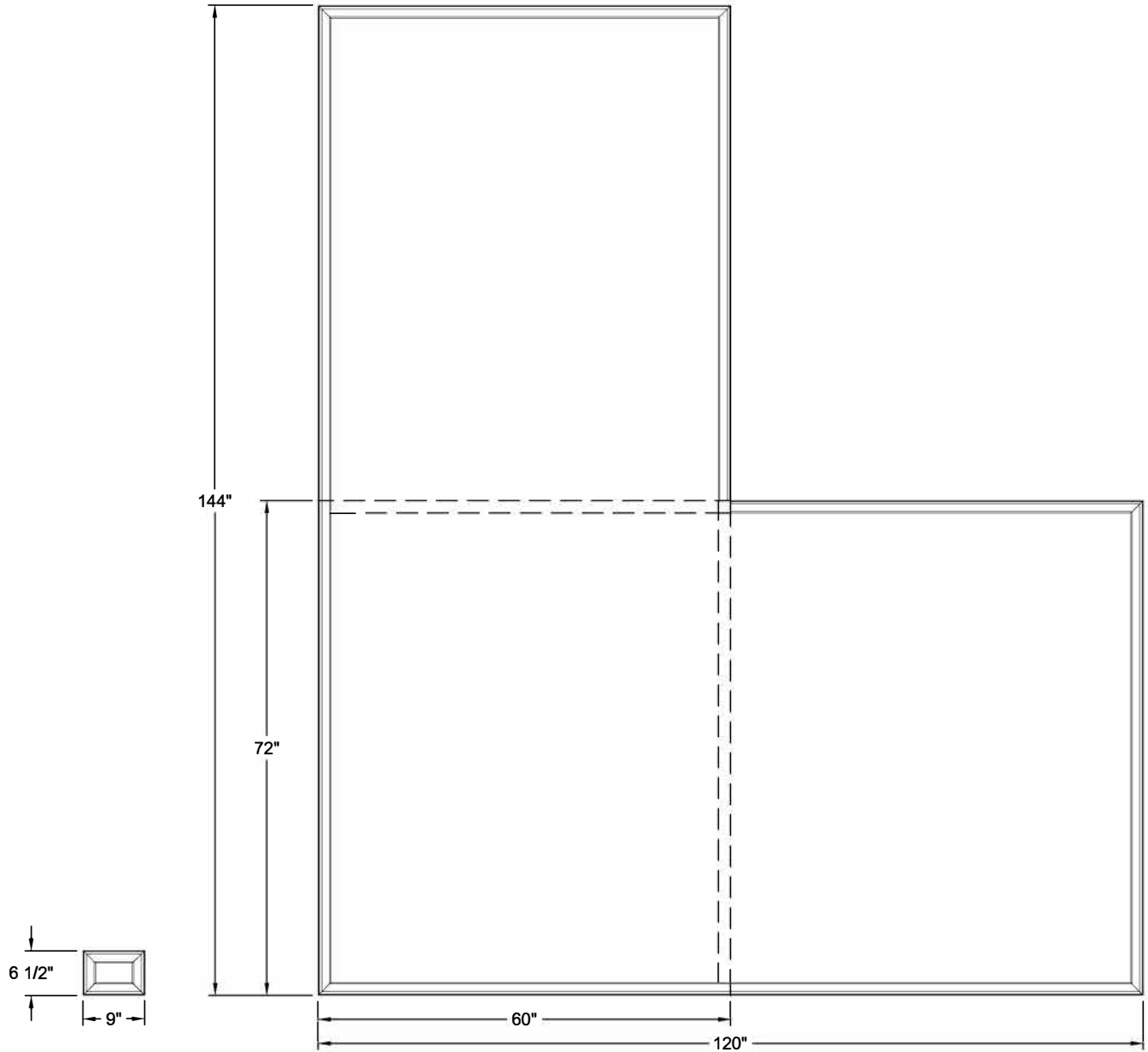


STATIONARY RADIUS-TOP SECTIONS





MIN-MAX STANDARD SIZING



Minimum Size:
9" x 6 1/2"

with Maximum Width:
120" x 72"

with Maximum Height:
60" x 144"

Width and height combinations are limited to a maximum frame size of 60 ft².
Standard sizes are shown. Smaller or larger sizes may be available as custom orders.
Contact JELD-WEN Customer Service for more information.