

**Entrada**

**J Block**

**Units: 11-16**

**Specifications Booklet**

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# Ornamental Metal Work

## Ornamental Metalwork

### Technical Specs:

Material – Steel

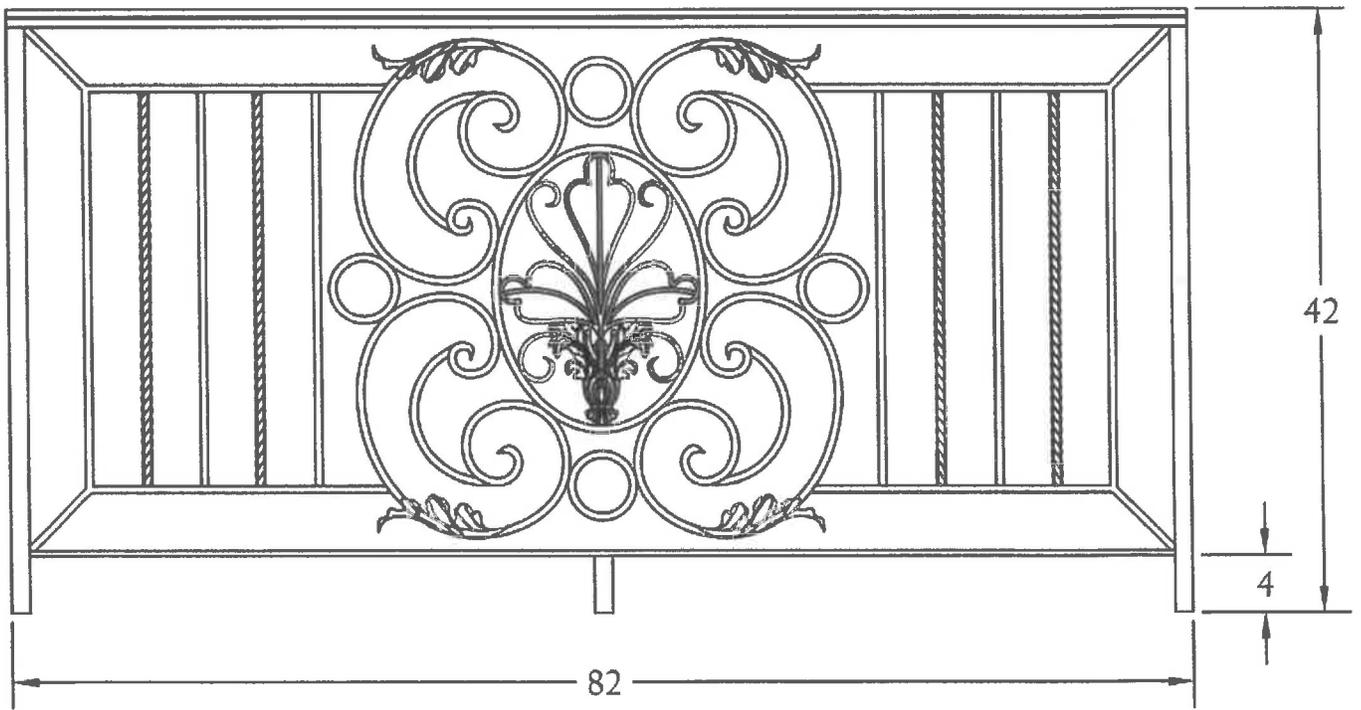
Finish – Flat Black

Pickets –  $\frac{1}{2}$ " x  $\frac{1}{2}$ " Solid Steel

Twisted Pickets –  $\frac{3}{4}$ " Twisted Round Solid Steel

Borders –  $\frac{1}{4}$ " x 1" Solid Steel

Cap Rails – 2-1/4" thick Steel



## Ornamental Metalwork

Ornamental metal is defined as metal stock used for the construction of gates, grills, handrails, guardrails, finials, roof ornamentation, shutter or door restraint, or other purposes where the workmanship of the metal is visible to the street.

### Material:

- Material general: Rustic, wrought iron appearance
- Material: Frames, grates, pickets, and structural components must appear to be Solid Bar Ferrous Metal (square, round, or other section). Structural tubular steel greater than 1/2" in diameter is allowed in areas visible to the street above the ground level.
- Panels: Panels must be metal plate.
- Finish: All metalwork finishes will be shop-applied oil rubbed, dark bronze, black iron, approved powder coating, or will give the appearance of another natural patina finish.
- Prohibitions: Brass or bronze unless approved prior to installation; polished brass and stainless steel finishes.

### Dimensions

- Dimensions of all metalwork shall be appropriately scaled.
- Frames: Flat bar plate with 1/4 in thickness minimum
- Infill bars/ pickets: 1/2 in. minimum
- Panels: 1/4 in. min thickness

### Articulation:

- Jointing: Welded or forged joints only. All welded joints are to be ground smooth.
- Other Decorative Treatment of Bar Stock: Twists or other manipulation of the bar stock, rosettes, circles, and other shapes which are employed to strengthen the metal fabrication are permitted.
- Mechanical fasteners are discouraged. Welded connections are preferred.

# Exterior Doors

## Exterior Doors

Wood Doors:

Technical Specs:

Door Thickness – 1-3/4"

Inset Panels – 3/4"

Stiles – 5-1/2"

Top Rail – 5-1/2"

Bottom Rail – 9"

Material – Mahogany

Threshold – Dark Bronze Oak Adjustable Aluminum Threshold

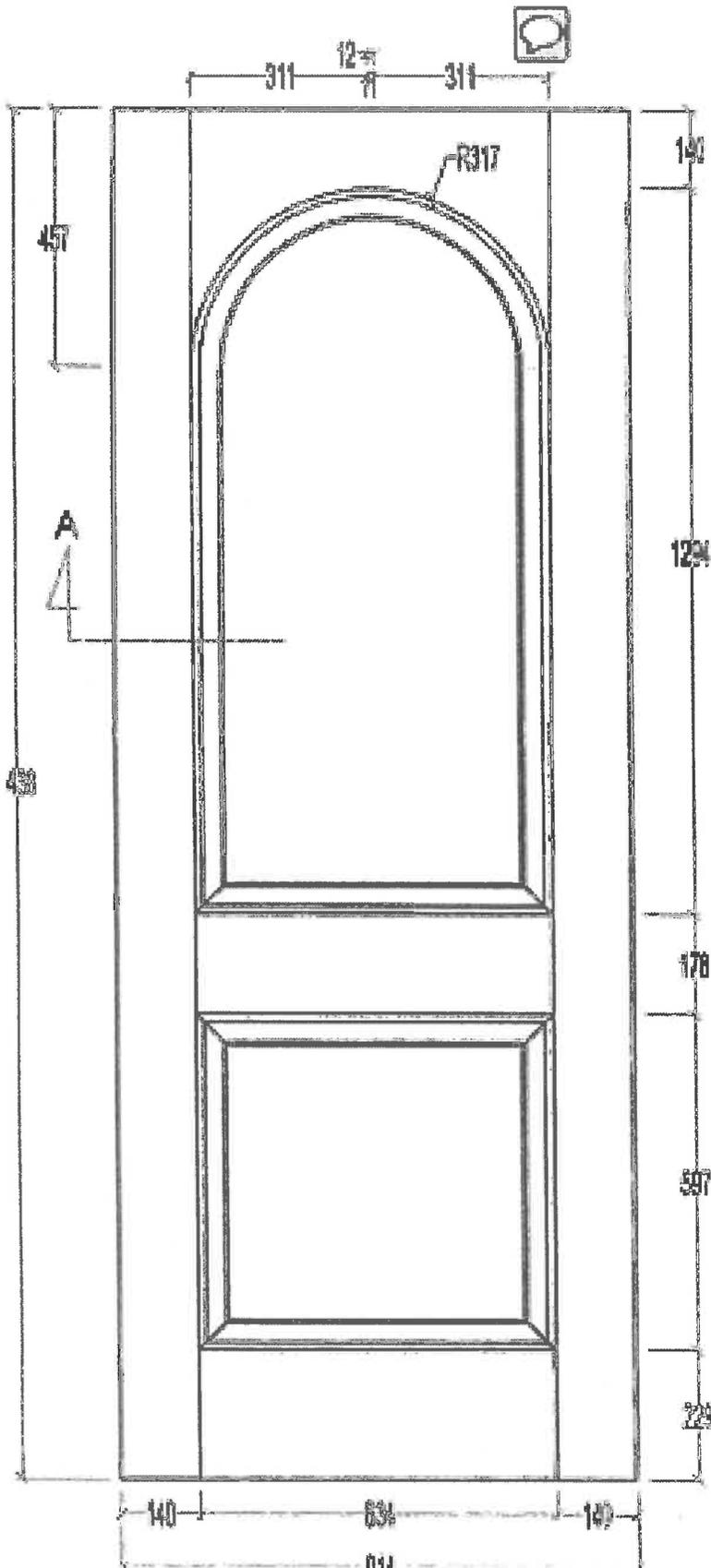
Hinges – Butt Hinges with Finials

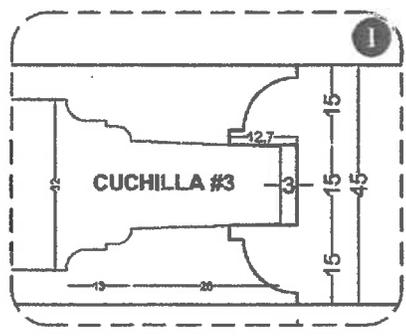
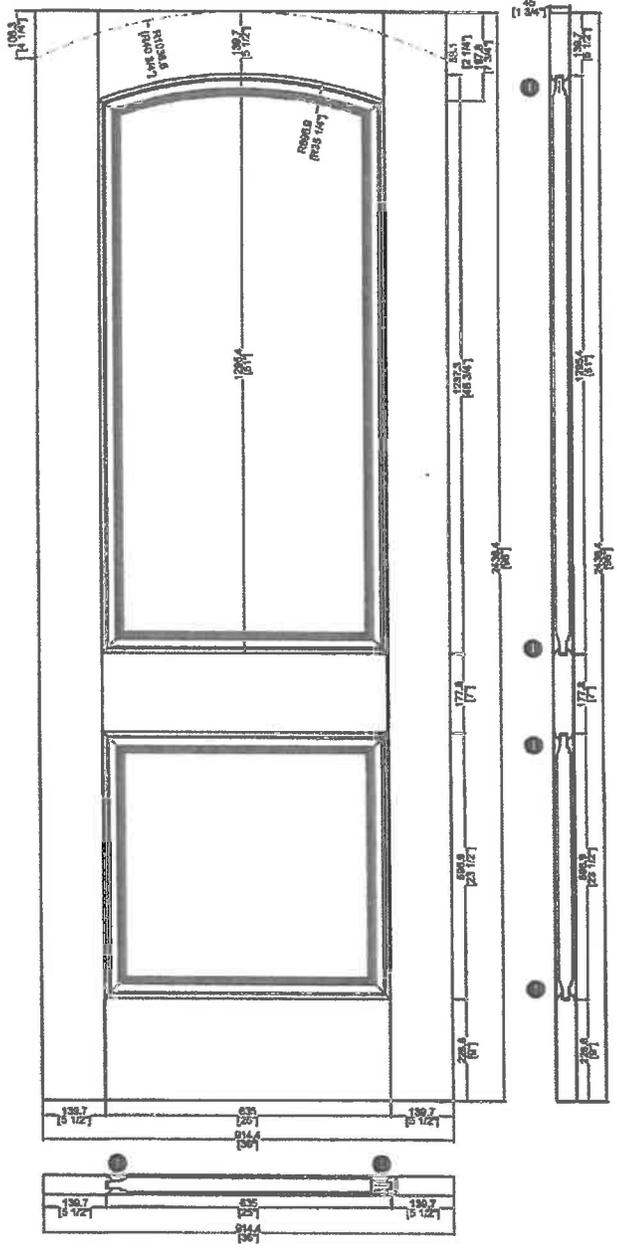
Door Hardware – Black Emteck Richmond Handle

**SQUARE TOP RADIUS 2 PANEL SMOOTH**

**44 X 914 X 2438**

**HARDWOOD**





## Entrada Westlake Wood Door Specifications



**Emtek Richmond  
Handle**

**Black Finish**

**Interior Lever TBD**

## Residential Exterior Entrances

### Material:

- General: All entrance doors and frames are required to be wood or rustic wrought iron.
- Wood: Approved woods are Oak, Poplar, Alder, Cypress, Clear Pine, Clear Cedar, Cherry, Teak or Walnut.
- Wood Production: All units are milled lumber. All trim is milled lumber.
- Wood Prohibitions: Plywood, composite board, stamped metal, vinyl, or fiberglass
- Iron: Rustic, wrought iron appearance
- Iron Production: Frames constructed with structural tubular steel. All panels must be iron plate. All ironwork finishes will be oil rubbed bronze, dark bronze, or black iron.
- Iron Prohibitions: Polished brass and stainless steel finishes and pressed or formed steel doors that are meant to look like wood doors.

### Dimensions

- Wood Frame Thickness: 1 3/4 in. minimum.
- Wood Panels: 3/4 in. minimum set in with an authentic sticking detail (no applied panels with offset applied trim). Panels can be butted boards set in a wood channel.
- Wood Stiles: 4 1/2 in. minimum
- Wood Top Rail: 4 1/2 in. minimum.
- Wood Bottom Rail: 7 1/2 in. minimum.
- Iron Frames: Flat bar plate with 1/4 in thickness minimum or structural tubular steel
- Iron Infill bars/ pickets: 1/2 in. minimum
- Iron Panels: 3/16 in. min thickness

### Opacity

- Void to solid ratio: None specified

### Articulation

- Wood Edges: All edges are routed or carved
- Surface: Planar, flat with visual expression of composing lumber units (such as butted vertical boards).
- Joints: Clear indication of connection such as visual expression of mortise and tendon and or mechanical/ wrought fastener/ rivet.
- Glazing: Glazing is limited to clear or seeded finish.

## Residential Exterior Door Hardware

Exterior Door Hardware is defined as passage sets, lock sets, locks, kick plates, pull handles, emergency exit bars, hinges, and sills associated with residential or commercial entrances as well as garage doors and commercial exterior service doors.

### Materials:

- General Material: Ferrous metal (square or round section) cut to shape or cast metal.
- Surface: Rustic, wrought iron appearance
- Styling: Spanish and Arts and Crafts are appropriate design styles.
- Finish: All hardware finishes will be oil rubbed, dark bronze or black iron or other natural patina finish.
- Thresholds: Thresholds are milled lumber, natural stone, cast stone, or dark bronze or black anodized metal.
- Prohibitions: Brass or bronze material; polished brass and stainless steel finishes.

### Door Entry Sets:

- Handle: Doors must have a lever, large pulls or thumb latch operating systems.
- Back Plates: Minimum 8" high back plates are required with the operating system of choice.
- Prohibitions: Round knobs

### Hinges:

- Hinge Type: The use of H-shaped hinges, butt hinges with decorative finials, or strap hinges is required if seen on the exterior.
- Prohibitions: If visible from the exterior, the use of butt hinges without decorative finials

### Accessories:

- Door Knocker: Not required, but if installed it must be wrought iron in a compatible design style
- Grills: Not required, but if installed they must be a wrought iron "speakeasy"-type grille in a compatible design style and finish that protects the glazed opening.
- Metal Strapping: The use of decorative metal strapping, in a compatible design style and finish, is encouraged at the primary residential entrance.
- Decorative Elements: Decorative studs, antique nails, and door buttons in a compatible design style and finish are appropriate and permitted.
- Kick plates: Plates in a compatible design style and finish are permitted.

## Exterior Doors

### Iron Doors:

#### Technical Specs:

Door Thickness – 2”

Inset Panel – ½”

Stiles – 6”

Top Rail – 6”

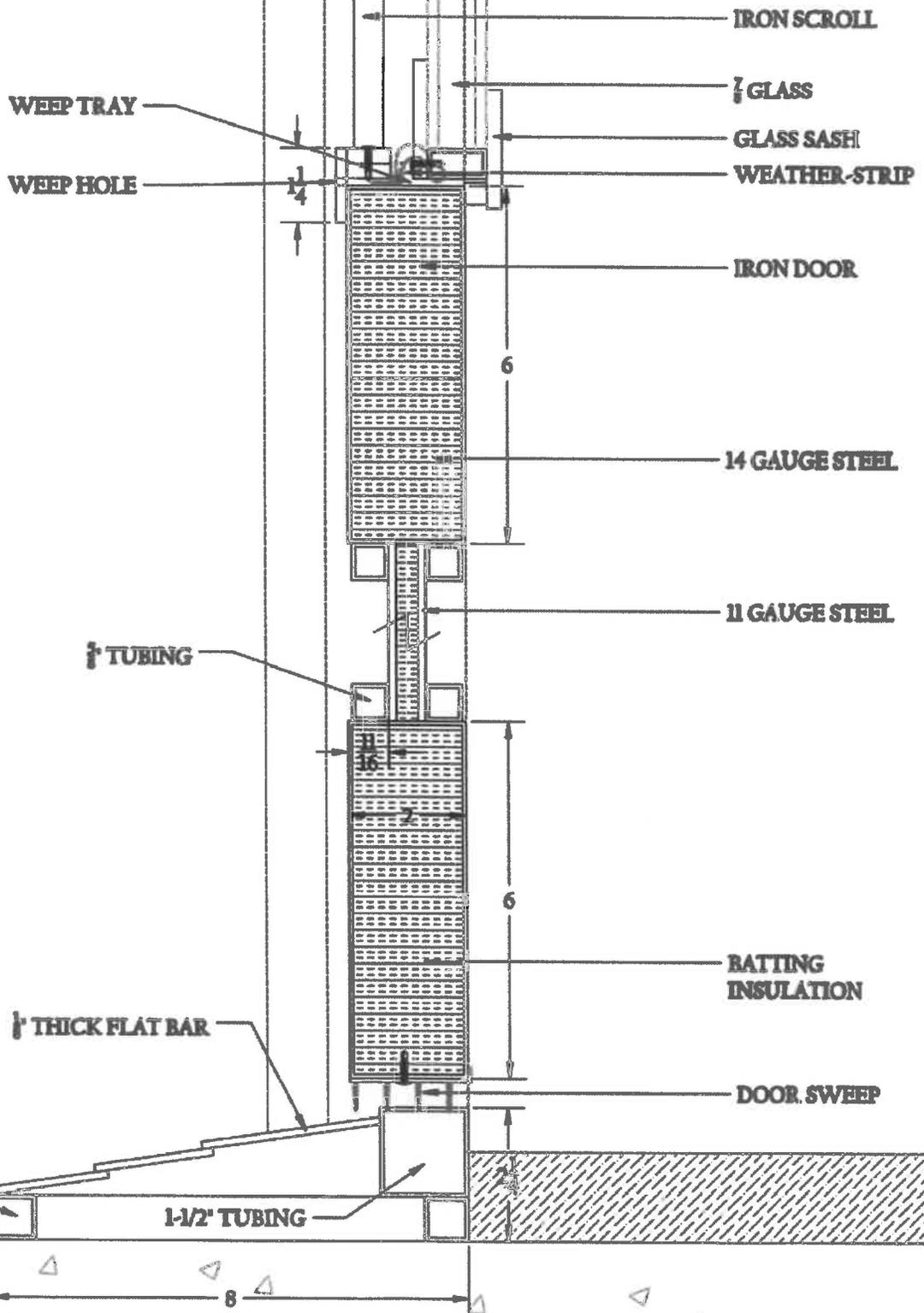
Bottom Rail – 6”

Material – Iron/Steel

Threshold – 1/8” Flat Bar

Hinges – Steel Hinges 7-3/4” long with 5/8” Pin with Grease

Hardware – Twisted Push/Pull Iron Handle and Flat Black Emteck  
Deadbolt



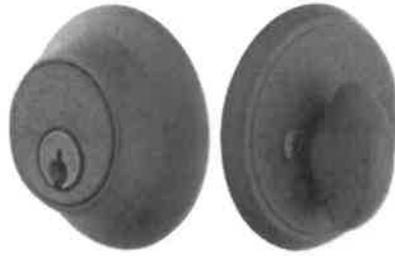
**ENTRADA**  
 Iron & wood doors

*Door Detail*

## Entrada Westlake Iron Door Specifications



**Twisted Push Pull Handle**



**Emtek Deadbolt 8452**

**Flat Black Finish**



**Roller Catch x 2**



**Black Finish**



**Steel Hinge with Grease**

**Fitting—7-3/4" Long**

**5/8 Pin**

**2 Per Door**

## Residential Exterior Entrances

### Material:

- General: All entrance doors and frames are required to be wood or rustic wrought iron.
- Wood: Approved woods are Oak, Poplar, Alder, Cypress, Clear Pine, Clear Cedar, Cherry, Teak or Walnut.
- Wood Production: All units are milled lumber. All trim is milled lumber.
- Wood Prohibitions: Plywood, composite board, stamped metal, vinyl, or fiberglass
- Iron: Rustic, wrought iron appearance
- Iron Production: Frames constructed with structural tubular steel. All panels must be iron plate. All ironwork finishes will be oil rubbed bronze, dark bronze, or black iron.
- Iron Prohibitions: Polished brass and stainless steel finishes and pressed or formed steel doors that are meant to look like wood doors.

### Dimensions

- Wood Frame Thickness: 1 3/4 in. minimum.
- Wood Panels: 3/4 in. minimum set in with an authentic sticking detail (no applied panels with offset applied trim). Panels can be butted boards set in a wood channel.
- Wood Stiles: 4 1/2 in. minimum
- Wood Top Rail: 4 1/2 in. minimum.
- Wood Bottom Rail: 7 1/2 in. minimum.
- Iron Frames: Flat bar plate with 1/4 in thickness minimum or structural tubular steel
- Iron Infill bars/ pickets: 1/2 in. minimum
- Iron Panels: 3/16 in. min thickness

### Opacity

- Void to solid ratio: None specified

### Articulation

- Wood Edges: All edges are routed or carved
- Surface: Planar, flat with visual expression of composing lumber units (such as butted vertical boards).
- Joints: Clear indication of connection such as visual expression of mortise and tendon and or mechanical/ wrought fastener/ rivet.
- Glazing: Glazing is limited to clear or seeded finish.

## Residential Exterior Door Hardware

Exterior Door Hardware is defined as passage sets, lock sets, locks, kick plates, pull handles, emergency exit bars, hinges, and sills associated with residential or commercial entrances as well as garage doors and commercial exterior service doors.

### Materials:

- General Material: Ferrous metal (square or round section) cut to shape or cast metal.
- Surface: Rustic, wrought iron appearance
- Styling: Spanish and Arts and Crafts are appropriate design styles.
- Finish: All hardware finishes will be oil rubbed, dark bronze or black iron or other natural patina finish.
- Thresholds: Thresholds are milled lumber, natural stone, cast stone, or dark bronze or black anodized metal.
- Prohibitions: Brass or bronze material; polished brass and stainless steel finishes.

### Door Entry Sets:

- Handle: Doors must have a lever, large pulls or thumb latch operating systems.
- Back Plates: Minimum 8" high back plates are required with the operating system of choice.
- Prohibitions: Round knobs

### Hinges:

- Hinge Type: The use of H-shaped hinges, butt hinges with decorative finials, or strap hinges is required if seen on the exterior.
- Prohibitions: If visible from the exterior, the use of butt hinges without decorative finials

### Accessories:

- Door Knocker: Not required, but if installed it must be wrought iron in a compatible design style
- Grills: Not required, but if installed they must be a wrought iron "speakeasy"-type grille in a compatible design style and finish that protects the glazed opening.
- Metal Strapping: The use of decorative metal strapping, in a compatible design style and finish, is encouraged at the primary residential entrance.
- Decorative Elements: Decorative studs, antique nails, and door buttons in a compatible design style and finish are appropriate and permitted.
- Kick plates: Plates in a compatible design style and finish are permitted.

## Exterior Doors

### Clad Doors:

#### Technical Specs:

Jeldwen

Door Thickness – 1-3/4"

Glazing – 3/4"

Divided Lite – ½' depth x 1-1/8" width SDL

Stiles – 4-5/8"

Top Rail – 4-5/8"

Bottom Rail – 8-1/4"

Material – Aluminum Clad Wood

Threshold – Black Aluminum

Hinges – Rustic Lever ORB

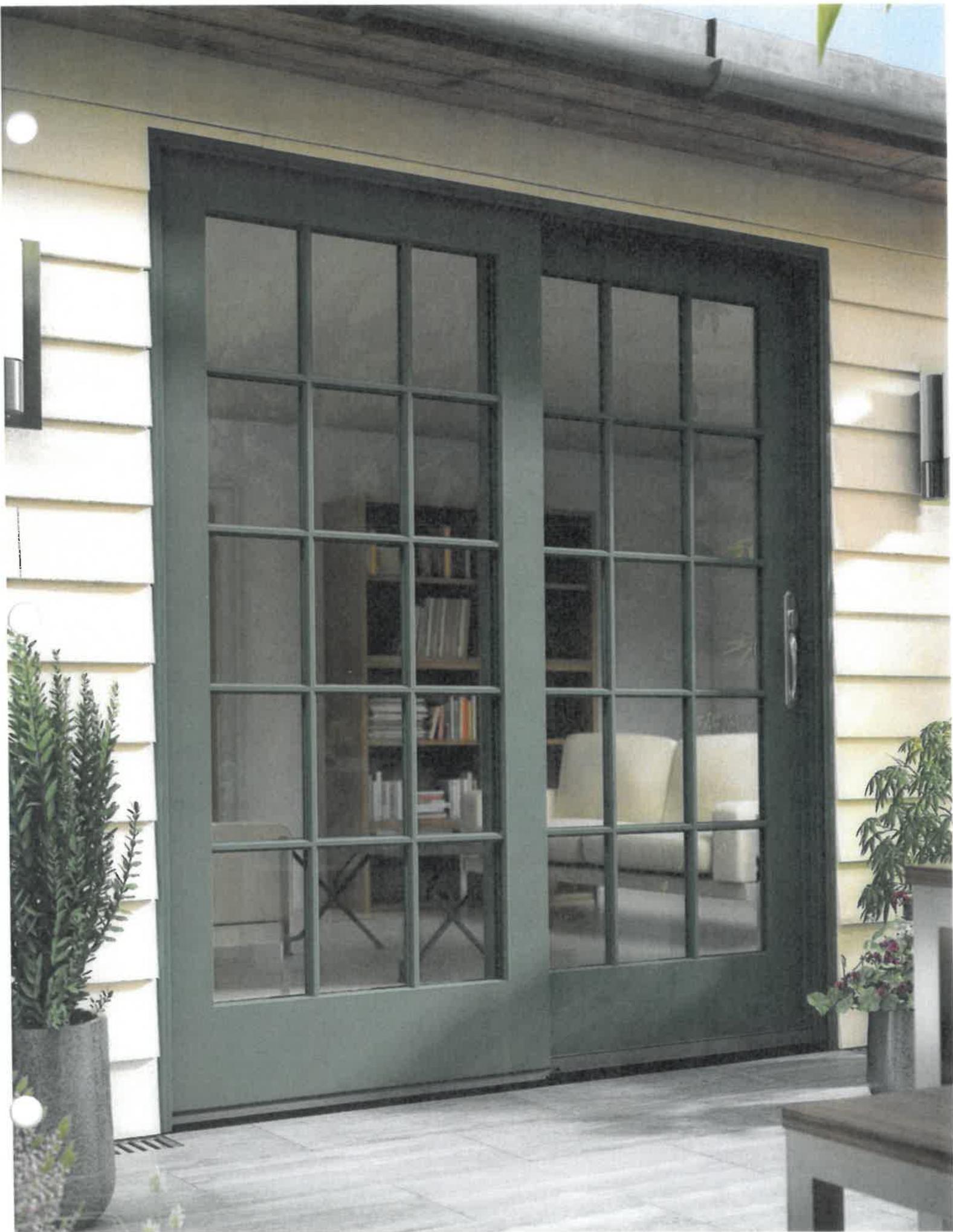
## REDESIGNED SILL, FRAME & WEATHER-STRIP SYSTEM

We have completely redesigned the sill, frame and weather-strip systems. The new high performance and energy efficient fiberglass sill allows water to drain away from the door, but also prevents high winds and rain from entering. This feature, along with silicone injected corner keys and a double weather-strip system, contribute to its enhanced air and water infiltration performance. Sills can be designed at PG 35 (standard), PG 50, or ADA ratings.

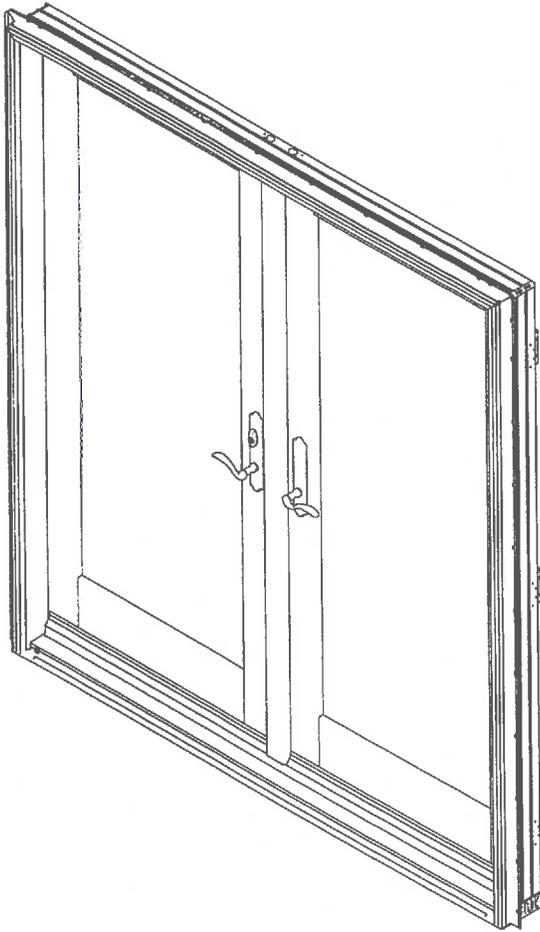
Optional ADA-compliant sill for wheelchair accessibility on inswinging and outswinging patio doors.

Check with your local JELD-WEN representative for specific sizes.





GENERAL INFORMATION



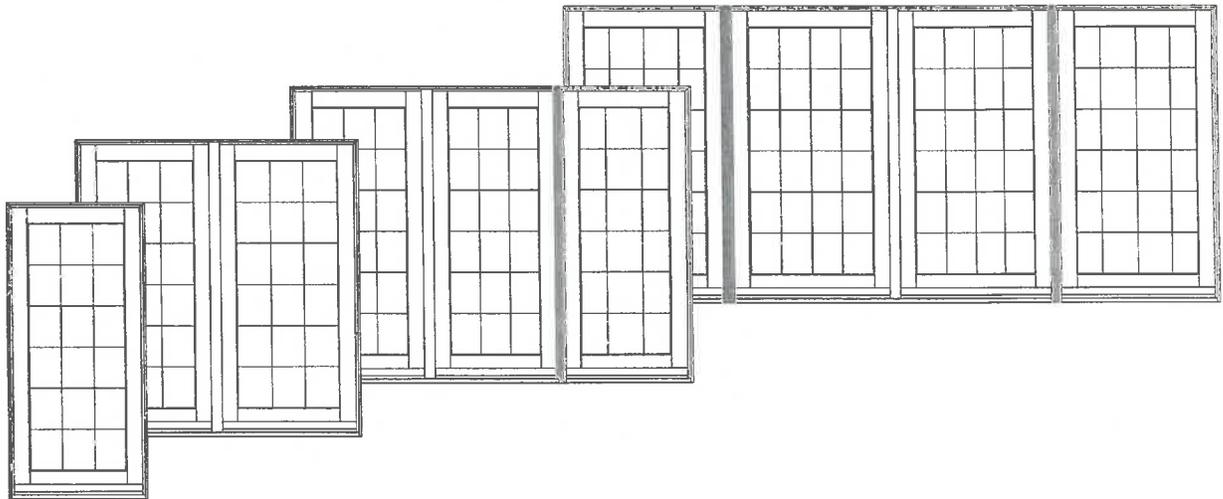
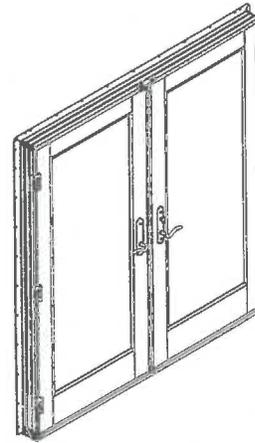
**DIMENSIONAL DOORS**

Siteline Clad Inswing Patio Doors may be specified as "dimensional", by adjusting the desired rough opening width or height in 1/8" increments from standard.

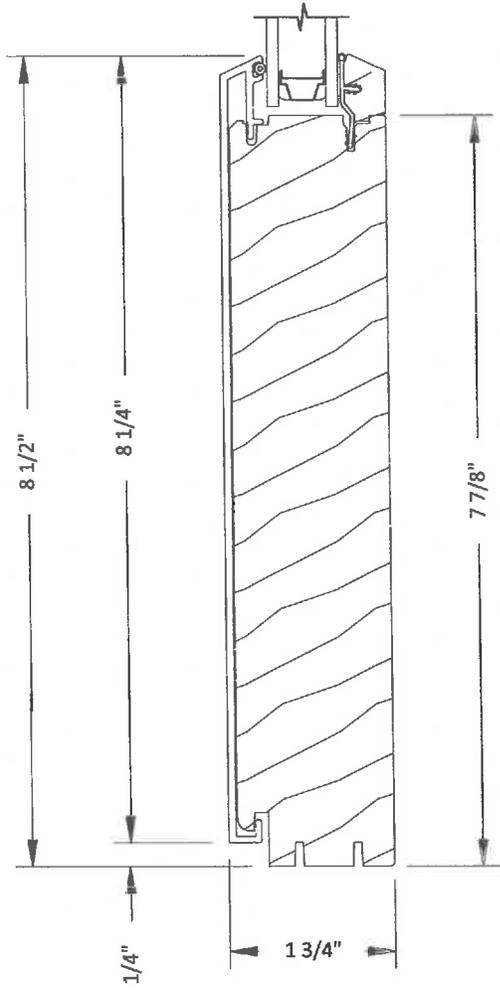
Siteline Clad Inswing Patio Doors are available in single, twin, triple and quad panel doors. The standard size range includes sizes specifically designed for replacement of older patio door models in existing structures, as well as a full range of "true size" products for architectural consistency. Please consult our Quick Quote software for detailed product options and availability.

**OPERATION**

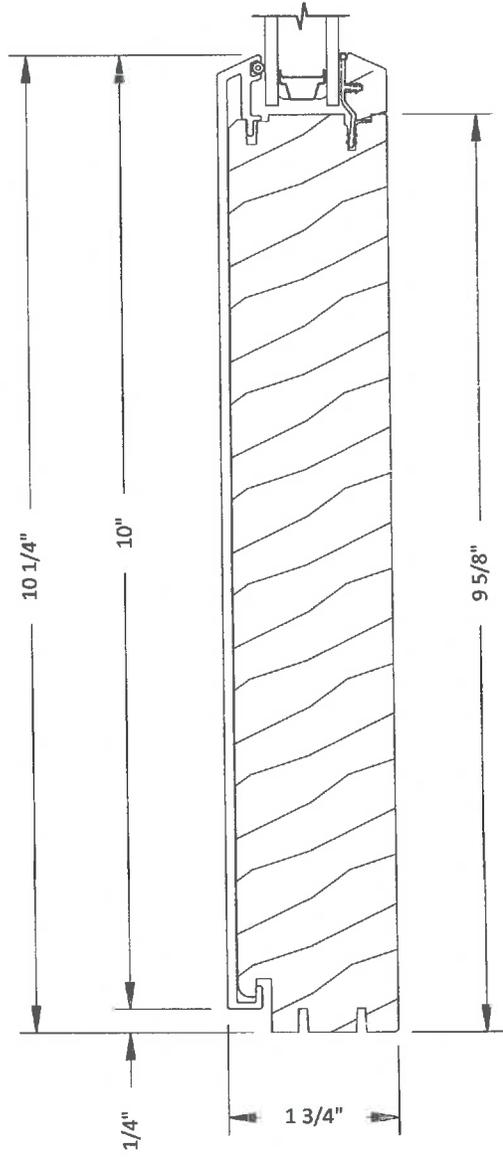
Siteline Clad Inswing Patio Doors are available in a full range of operating styles. Single panel doors may be specified as stationary (non-venting) or can operate left or right. Center swing two-or three-panel doors are available with left or right operation.



**BOTTOM RAIL OPTIONS**

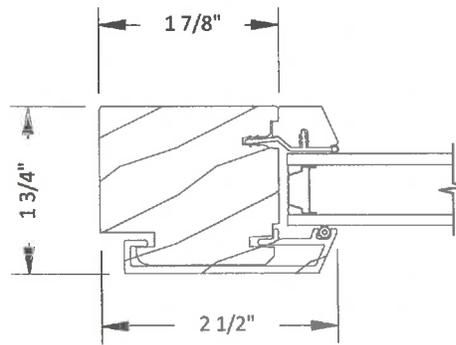


8 1/4" BOTTOM RAIL

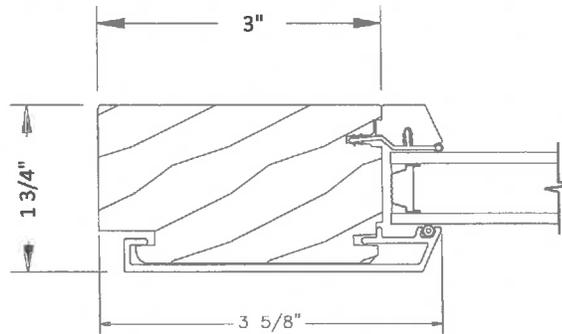


10" BOTTOM RAIL

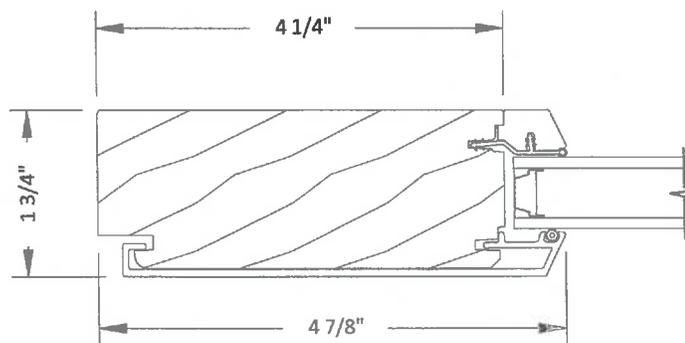
STILE OPTIONS



SIDELITE STILE

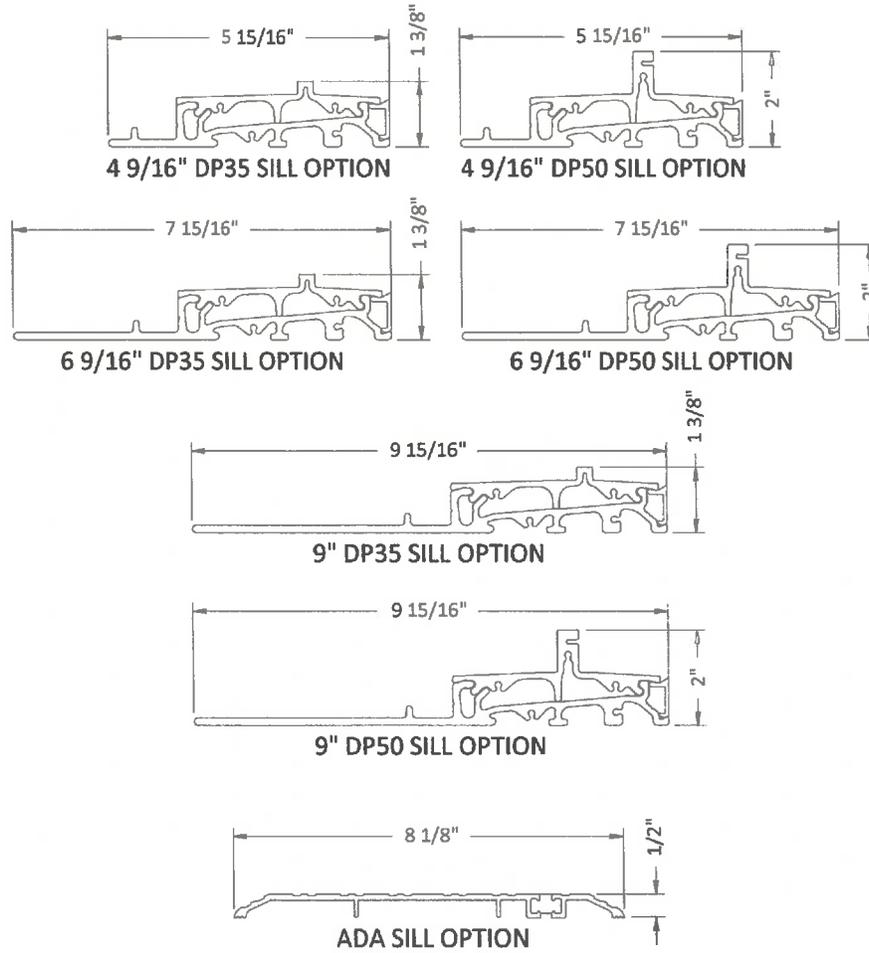


NARROW STILE

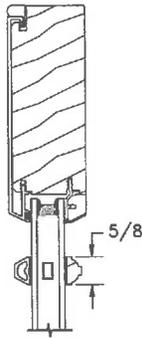


WIDE STILE

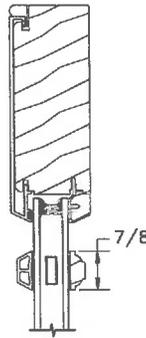
**SILL OPTIONS**



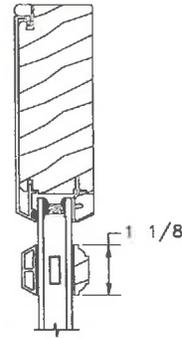
DIVIDED LITE OPTIONS



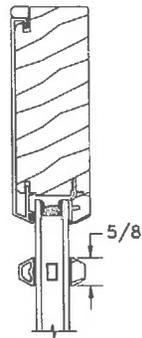
**5/8" PUTTY SDL  
TRADITIONAL PUTTY**



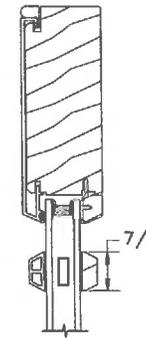
**7/8" PUTTY SDL  
TRADITIONAL PUTTY**



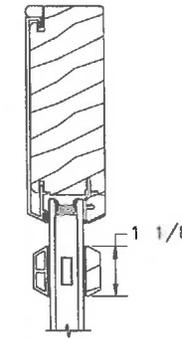
**1 1/8" PUTTY SDL  
TRADITIONAL PUTTY**



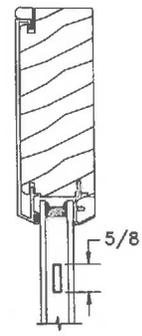
**5/8" PUTTY SDL  
PUTTY/PUTTY**



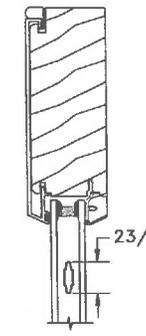
**7/8" PUTTY SDL  
PUTTY/PUTTY**



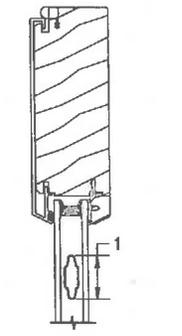
**1 1/8" PUTTY SDL  
PUTTY/PUTTY**



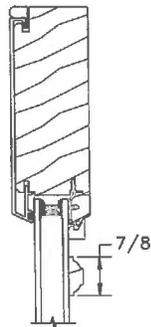
**5/8" GBG**



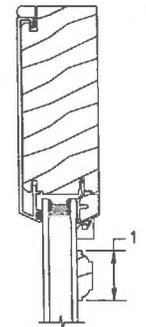
**23/32" CONTOUR  
GBG**



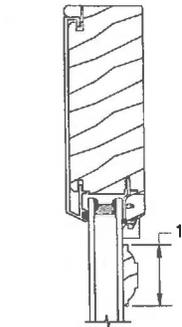
**W/ 1" CONTOUR  
GBG**



**FULL SURROUND  
7/8" WOOD GRILLE**

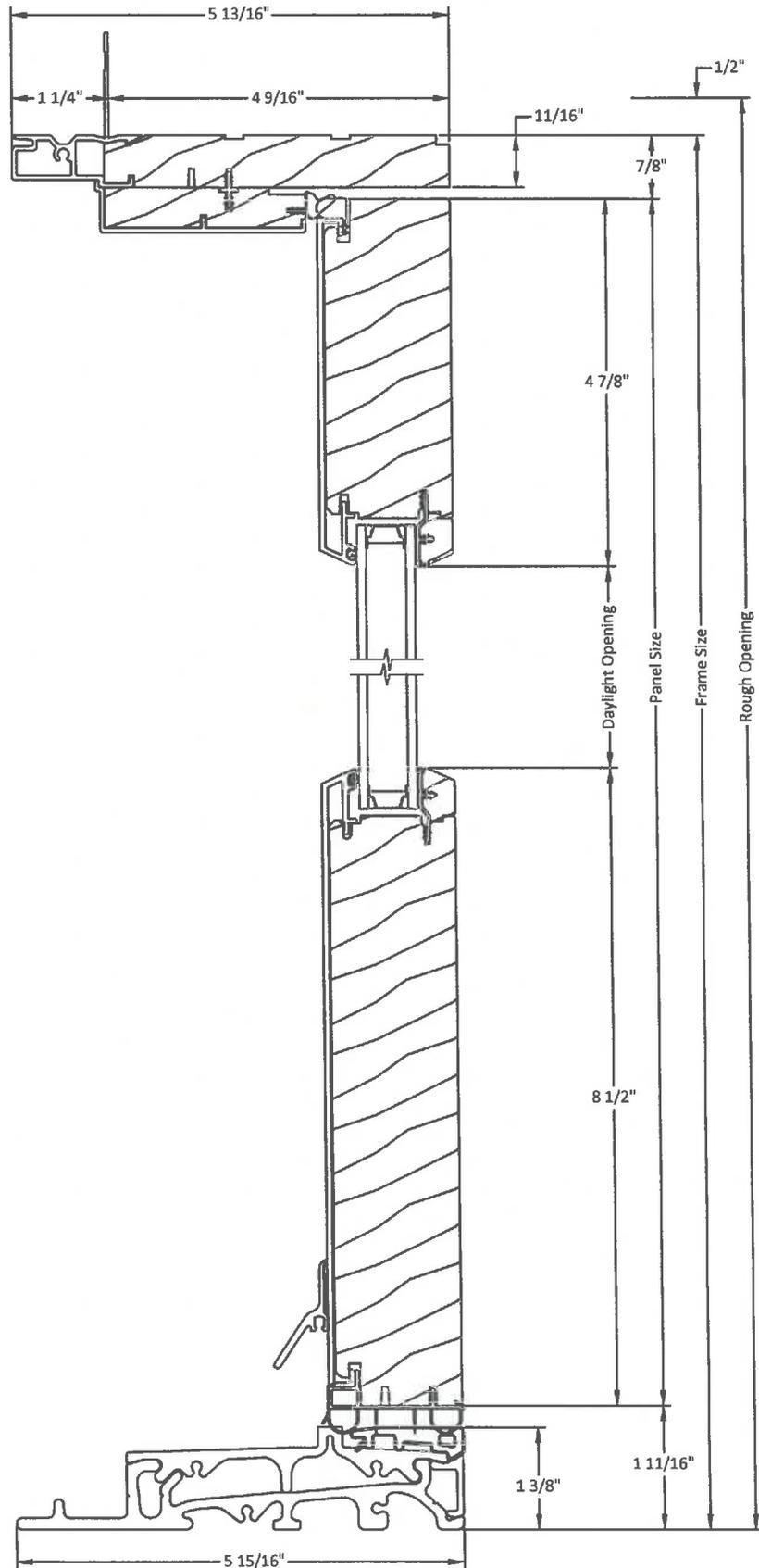


**FULL SURROUND  
1 1/8" WOOD GRILLE**



**FULL SURROUND  
1 3/8" WOOD GRILLE**

**SITELINE CLAD PATIO DOORS**  
SITELINE INSWING  
VERTICAL SECTION  
DP35 SILL



## SWINGING AND FOLDING DOOR HARDWARE



### CLASSIC (MULTIPOINT)

Available in keyed and keyed-alike.

Colors: Antique Brass, Brushed Chrome, Oil-Rubbed Bronze, Chestnut Bronze, Satin Nickel, Powder-Coat Black, Powder-Coat White, PVD Satin Nickel<sup>®</sup>, and PVD Polished Brass<sup>®</sup>



### CONTEMPORARY (MULTIPOINT)

Available in keyed and keyed-alike.

Colors: Brushed Chrome, PVD Satin Nickel<sup>®</sup>



### RUSTIC (MULTIPOINT)

Available in keyed and keyed-alike

Colors: Oil-Rubbed Bronze



### TRADITIONAL (MULTIPOINT)

Available in keyed and keyed-alike.  
Folding door only.

Colors: Antique Brass, Brushed Chrome, Oil-Rubbed Bronze, Polished Brass, Polished Chrome, Satin Nickel, Powder-Coat Black, Powder-Coat White, PVD Oil-Rubbed Bronze<sup>®</sup>, and PVD Satin Nickel<sup>®</sup>

### DOOR HARDWARE FINISHES\*



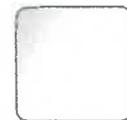
ANTIQUÉ BRASS



POWDER-COAT BLACK



BRUSHED CHROME



POWDER-COAT WHITE



OIL-RUBBED BRONZE



SATIN NICKEL



POLISHED BRASS



POLISHED CHROME



CHESTNUT BRONZE

## Residential Exterior Entrances

### Material:

- General: All entrance doors and frames are required to be wood or rustic wrought iron.
- Wood: Approved woods are Oak, Poplar, Alder, Cypress, Clear Pine, Clear Cedar, Cherry, Teak or Walnut.
- Wood Production: All units are milled lumber. All trim is milled lumber.
- Wood Prohibitions: Plywood, composite board, stamped metal, vinyl, or fiberglass
- Iron: Rustic, wrought iron appearance
- Iron Production: Frames constructed with structural tubular steel. All panels must be iron plate. All ironwork finishes will be oil rubbed bronze, dark bronze, or black iron.
- Iron Prohibitions: Polished brass and stainless steel finishes and pressed or formed steel doors that are meant to look like wood doors.

### Dimensions

- Wood Frame Thickness: 1 3/4 in. minimum.
- Wood Panels: 3/4 in. minimum set in with an authentic sticking detail (no applied panels with offset applied trim). Panels can be butted boards set in a wood channel.
- Wood Stiles: 4 1/2 in. minimum
- Wood Top Rail: 4 1/2 in. minimum.
- Wood Bottom Rail: 7 1/2 in. minimum.
- Iron Frames: Flat bar plate with 1/4 in thickness minimum or structural tubular steel
- Iron Infill bars/ pickets: 1/2 in. minimum
- Iron Panels: 3/16 in. min thickness

### Opacity

- Void to solid ratio: None specified

### Articulation

- Wood Edges: All edges are routed or carved
- Surface: Planar, flat with visual expression of composing lumber units (such as butted vertical boards).
- Joints: Clear indication of connection such as visual expression of mortise and tendon and or mechanical/ wrought fastener/ rivet.
- Glazing: Glazing is limited to clear or seeded finish.

## Residential Exterior Door Hardware

Exterior Door Hardware is defined as passage sets, lock sets, locks, kick plates, pull handles, emergency exit bars, hinges, and sills associated with residential or commercial entrances as well as garage doors and commercial exterior service doors.

### Materials:

- General Material: Ferrous metal (square or round section) cut to shape or cast metal.
- Surface: Rustic, wrought iron appearance
- Styling: Spanish and Arts and Crafts are appropriate design styles.
- Finish: All hardware finishes will be oil rubbed, dark bronze or black iron or other natural patina finish.
- Thresholds: Thresholds are milled lumber, natural stone, cast stone, or dark bronze or black anodized metal.
- Prohibitions: Brass or bronze material; polished brass and stainless steel finishes.

### Door Entry Sets:

- Handle: Doors must have a lever, large pulls or thumb latch operating systems.
- Back Plates: Minimum 8" high back plates are required with the operating system of choice.
- Prohibitions: Round knobs

### Hinges:

- Hinge Type: The use of H-shaped hinges, butt hinges with decorative finials, or strap hinges is required if seen on the exterior.
- Prohibitions: If visible from the exterior, the use of butt hinges without decorative finials

### Accessories:

- Door Knocker: Not required, but if installed it must be wrought iron in a compatible design style
- Grills: Not required, but if installed they must be a wrought iron "speakeasy"-type grille in a compatible design style and finish that protects the glazed opening.
- Metal Strapping: The use of decorative metal strapping, in a compatible design style and finish, is encouraged at the primary residential entrance.
- Decorative Elements: Decorative studs, antique nails, and door buttons in a compatible design style and finish are appropriate and permitted.
- Kick plates: Plates in a compatible design style and finish are permitted.

Windows

## Windows

### Technical Specs:

Jeldwen

Glazing –  $\frac{3}{4}$ " clear glass

Window Frame Material – Aluminum Clad Wood

Window Lites – Mutins  $\frac{1}{2}$ " depth x 1-1/8" width

## CASEMENT WINDOWS

This clean, modern design is a simple and beautiful way to accent different rooms in your home in addition to maximizing ventilation. This type of window can be hinged on either the left or right so that the sash opens outward in a swinging motion. The streamlined design of the profile detail complements historic, traditional, Craftsman and contemporary architecture.

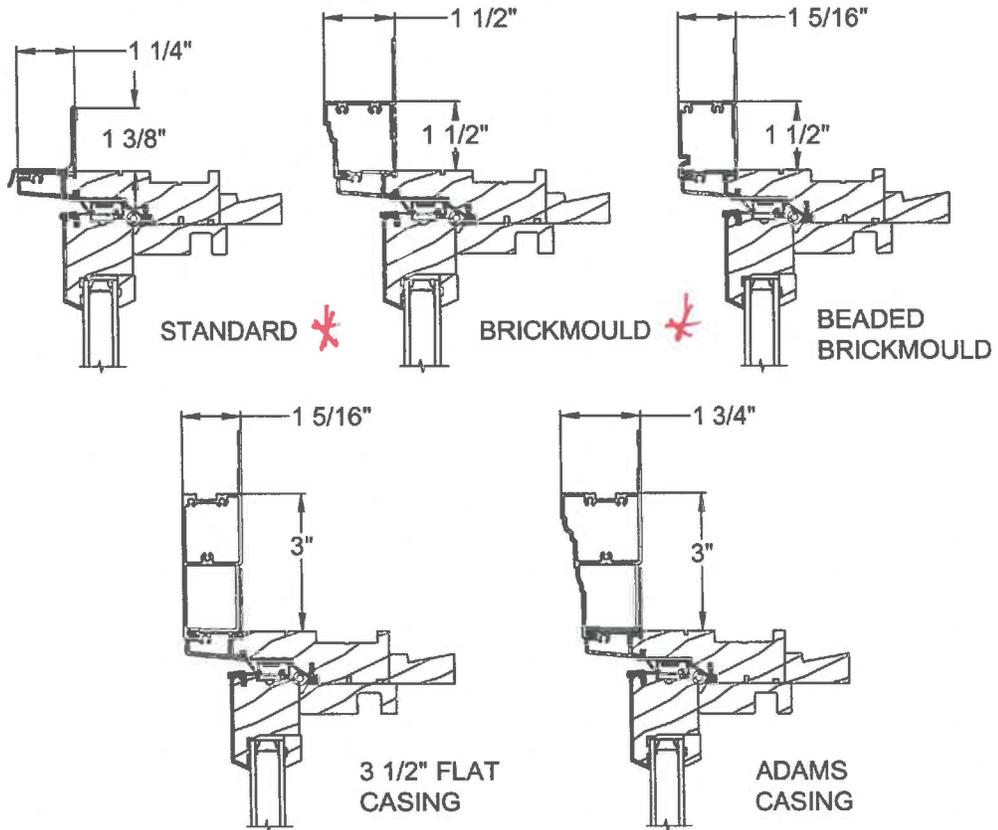
A great choice for new construction or replacement, JELD-WEN® casement windows offer multiple sizes, colors and glass options. See dealer for additional product details and ordering information.



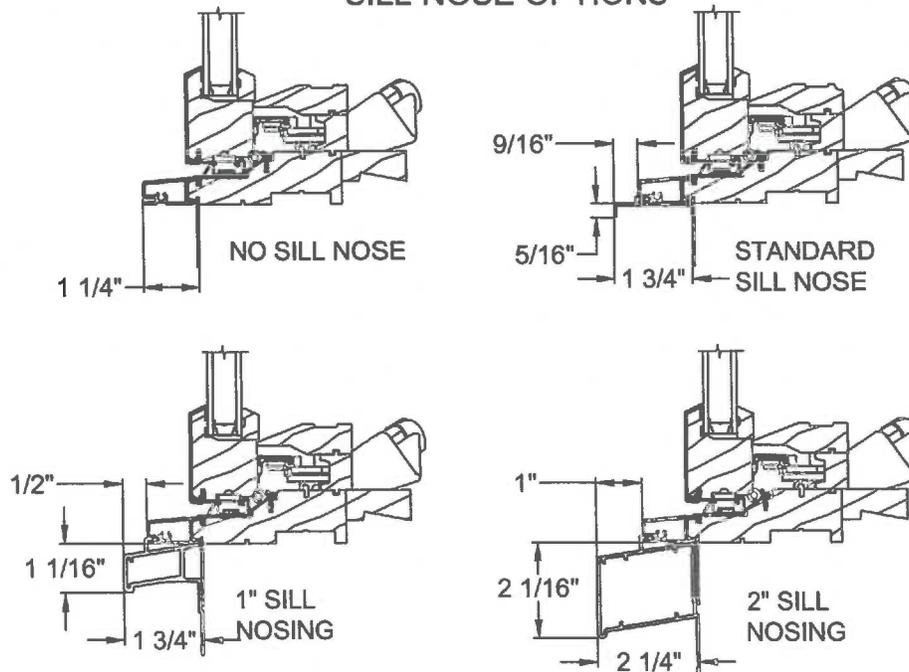
Streamlined profile complements a variety of architectural styles.



TRIM OPTIONS

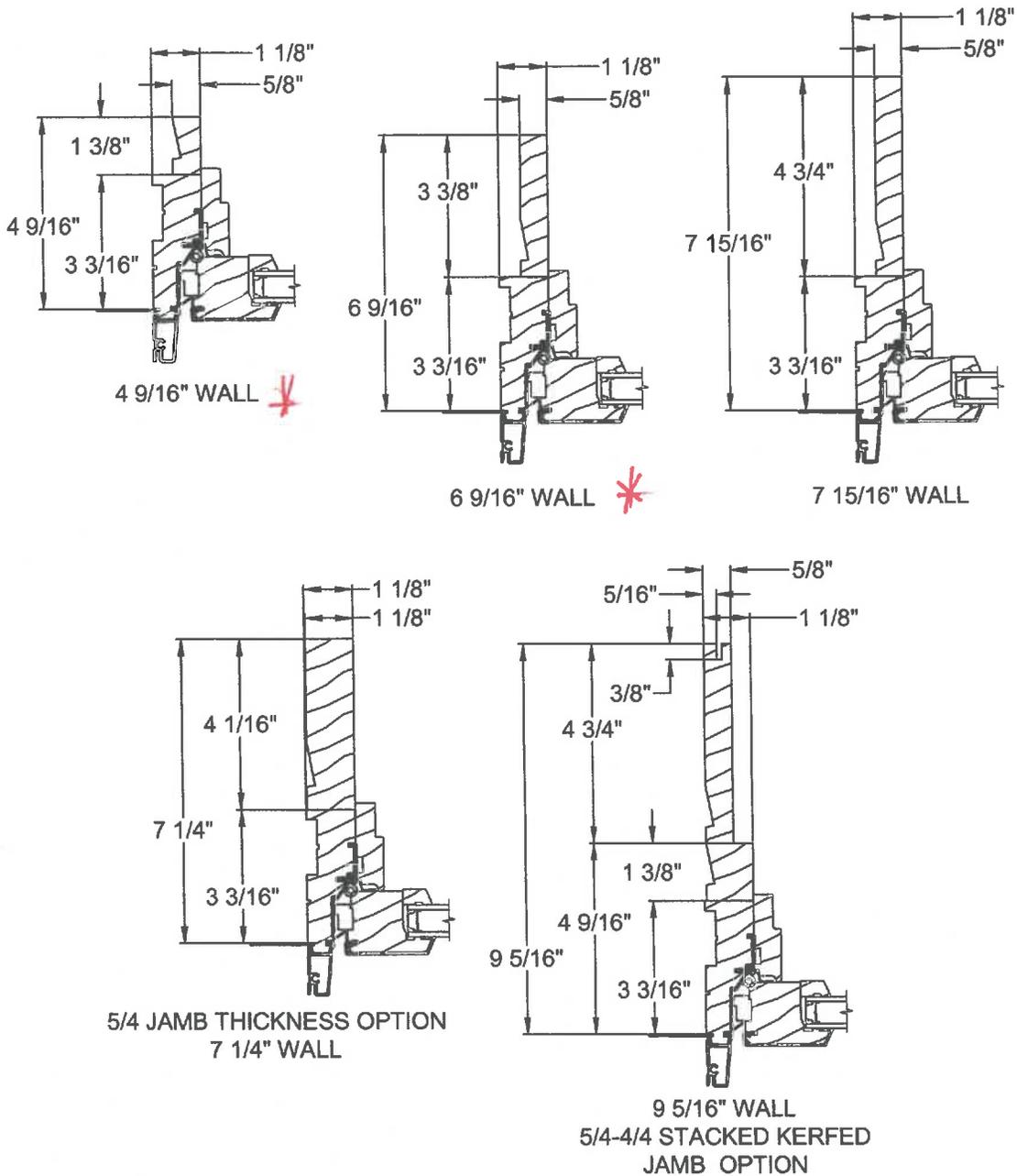


SILL NOSE OPTIONS





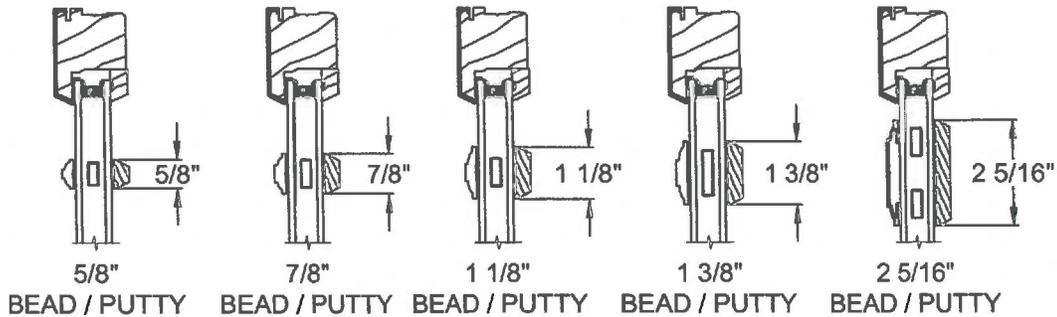
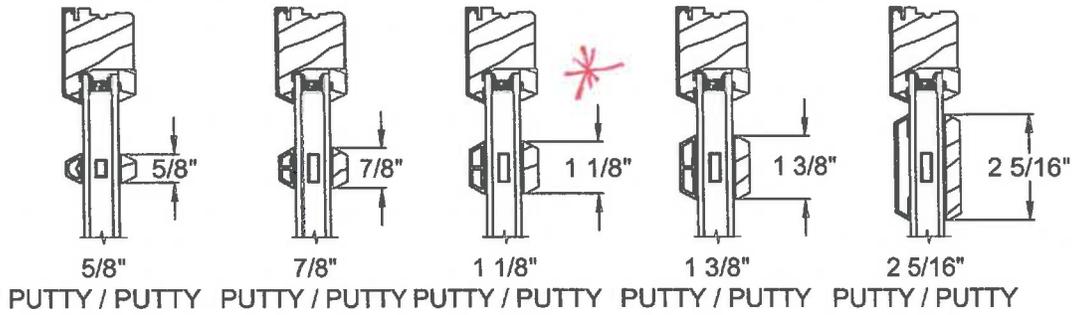
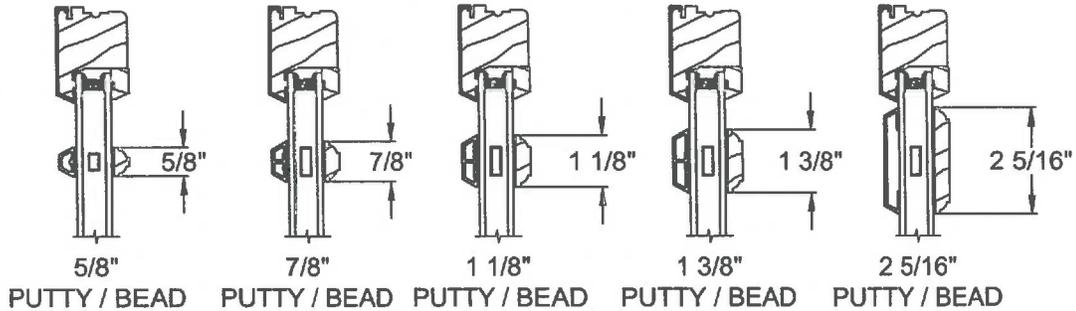
JAMB EXTENDER OPTIONS



Kerfed Jamb Extension only available on 4/4 or 5/4 options  
 Maximum jamb length for 4/4 is 7 15/16".  
 Maximum jamb length for 5/4 is 7 1/4".  
 Maximum jamb length for 5/4 2 piece stacked is 12".

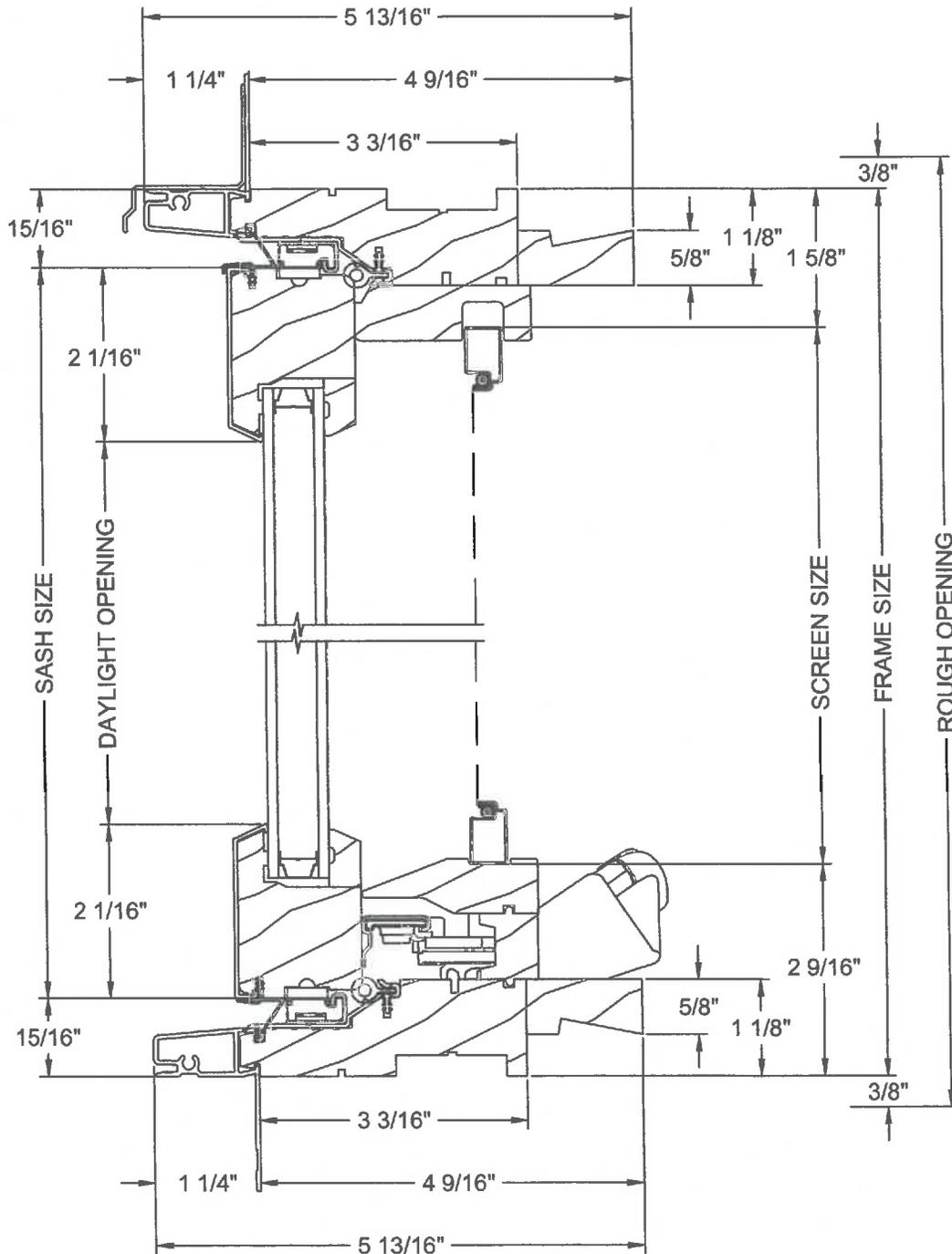


DIVIDED LITE OPTIONS



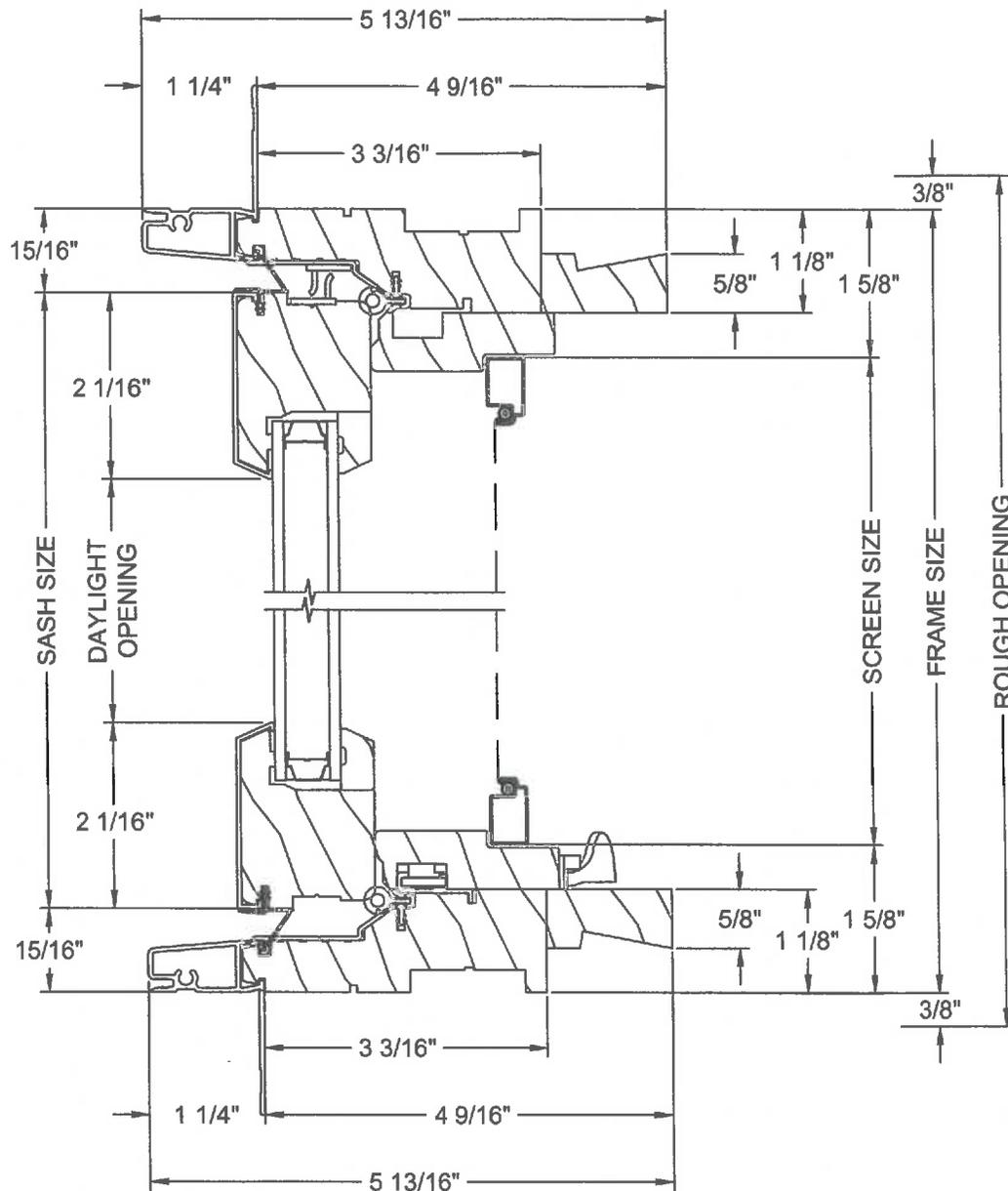


OPERATING - VERTICAL SECTION



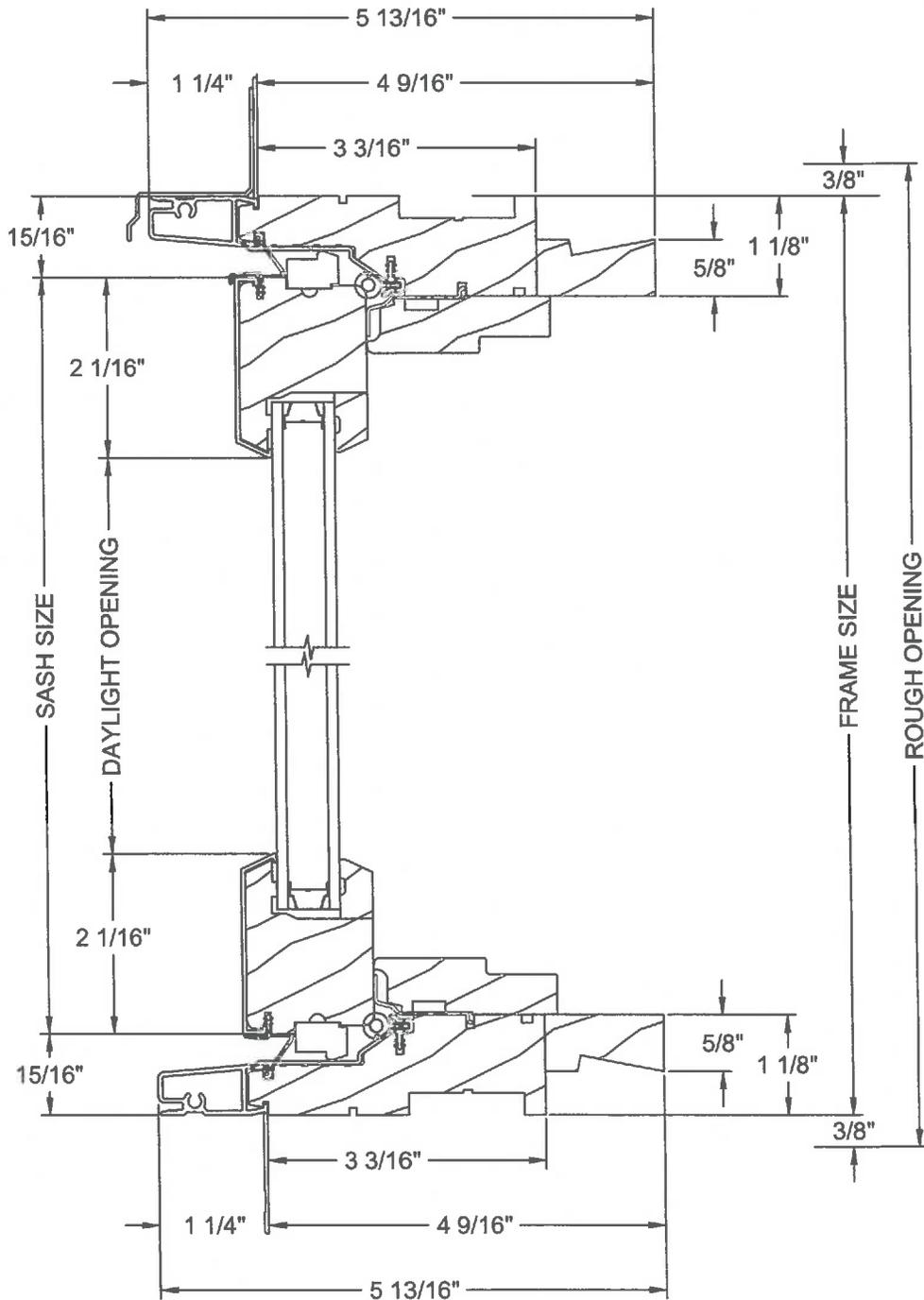


OPERATING - HORIZONTAL SECTION



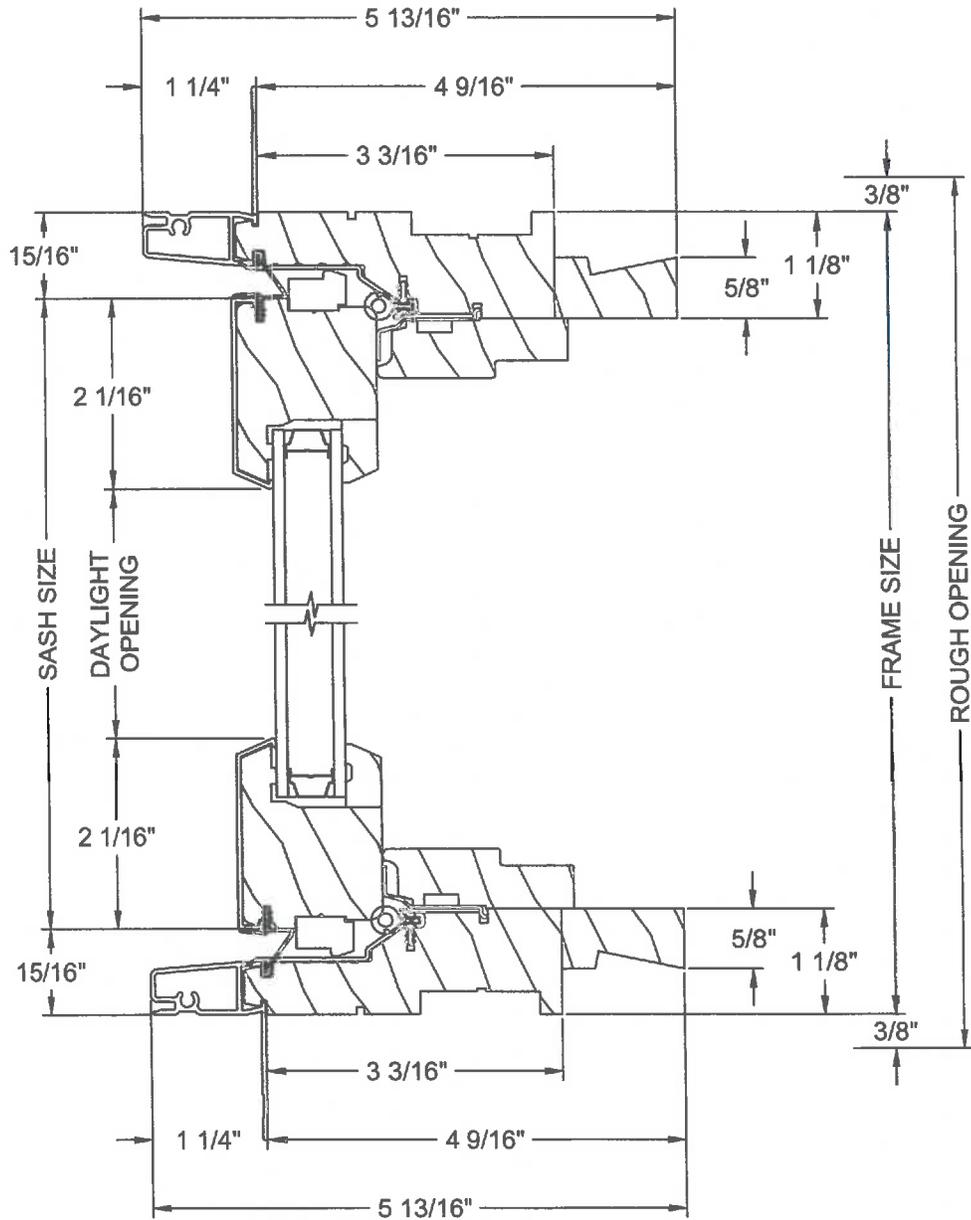


FIXED - VERTICAL SECTION



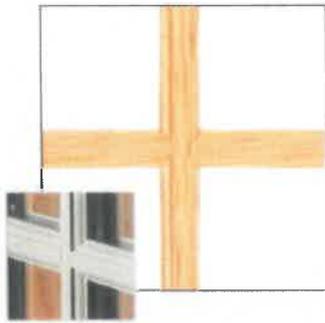


FIXED - HORIZONTAL SECTION

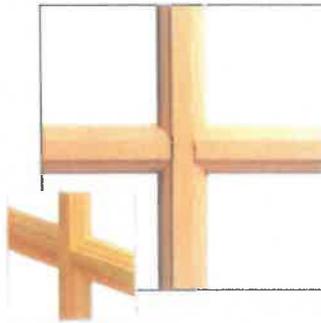


# DIVIDED LITES

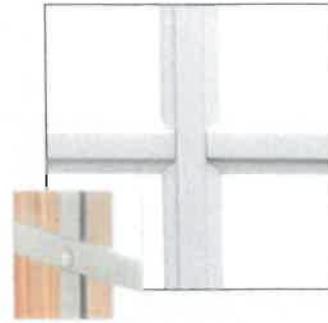
Add architectural interest to your JELD-WEN® Sitrine® wood and clad-wood windows with one of our decorative grille options. These options include Simulated Divided Lites (SDL) for an authentic look, Full-Surround (FS) wood grilles that can be removed for easy cleaning, and maintenance-free Grilles Between the Glass (GBG).



SIMULATED DIVIDED LITES (SDL)



FULL-SURROUND (FS) WOOD GRILLES



GRILLES BETWEEN THE GLASS (GBG)

## SIMULATED DIVIDED LITES (SDL)

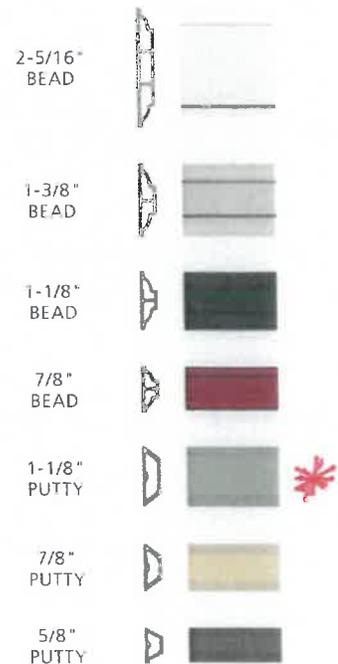
Our permanently attached wood grilles create a truly authentic look. Grilles are adhered to the interior glass while exterior grille options include aluminum for clad wood or wood for primed wood. The optional light brown or silver shadow bars are placed between the two panes of insulating glass to complete the effect. Interior and exterior SDLs are available in decorative beaded or subtle putty profiles (shown to the right).

## FULL-SURROUND (FS) WOOD GRILLES

Enjoy low-maintenance beauty with our full-surround wood grilles that can be removed for easy cleaning. Choose from 7/8", 1-1/8" or 1-3/8" grilles that are positioned on the interior glass surface.

## GRILLES BETWEEN THE GLASS (GBG)

This option provides style without the upkeep. Select 5/8" flat or 23/32" or 1" contour metal grilles in many of our clad colors.



Decorative grilles are also available in woodgrain finishes.

## Exterior Windows

Exterior Windows are defined as the frame, casement, sash, sill, jamb, head, and glazed lites of glazed openings in an exterior wall separating interior space from the exterior.

**Residential and Commercial** (commercial windows are any glazed opening in commercial structure that is not designated as "store front")

### Material:

- General Material: All residential window frames are required to be wood or prefinished aluminum clad wood units. Commercial windows are allowed to be dark bronze or black anodized aluminum with an edge dimension similar to residential windows.
- Wood Material: Approved woods are Alder, Oak, Poplar, Cypress, Clear Pine, Clear Cedar, Cherry, or Walnut.
- Prohibitions: Plywood, composite board, vinyl and fiberglass

### Glazing:

- Divided Lites: Glazed areas must have divided lites. Divided lites may be achieved by surface applied muntins at least 1/2" deep and 1" wide at both the interior and exterior.
- Finish: Glazing is limited to a clear or seeded finish.

### Articulation

- Edges: All edges are routed or carved, or applied prefinished aluminum trim with stepped profile.
- Divided Lites: Glazed areas must have divided lites. Divided lites may be achieved by surface applied muntins at least 1/2" deep and 1" wide at both the interior and exterior.

# Garage Doors

## Garage Doors

### Technical Specs:

Ext- Material – Western Cedar

Door Thickness – 2-3/8"

Inset Panel – 3/4"

Faux Hinges – Black Solid Aluminum

Ext Hardware – Solid Aluminum

OUT

3/4" Facewood - Western Red Cedar

3/4" Tongue + Groove Western Red Cedar

3/4" Douglas Fir cabinet grade

1/4" PLYWOOD

INSIDE

← (thickness) →

→ Total thickness of garage door:  $2\frac{3}{8}'' \pm \frac{1}{8}''$

# Rustic Series

SOLID ALUMINUM with OLD WORLD RUSTIC HAMMERED EDGES

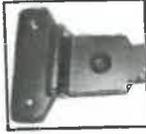
## DECORATIVE HINGES, LATCHES, AND RING PULLS



Hinge with Butt Pin End—Dark Earth shown; available in 6 Elegance Colors. 16" Hinge, 300-72016; 24" Hinge, 300-72024; 33" Hinge, 300-72034



Detail of Butt Pin Hinge End with 3/4" matching Clavo Installed

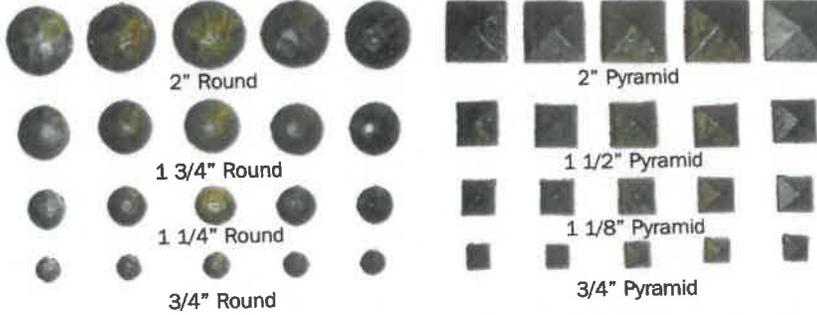


Rustic Hinge Assembly is perfect for wood doors with raised end stiles. Includes 16" hinge with offset end & dummy hinge plate. Black (shown), Dark Earth (see detail), or any of the Elegance colors. Attach with Clavos (see detail), Door Studs, (shown above) or Screws. 16" Hinge Assembly, 300-72020

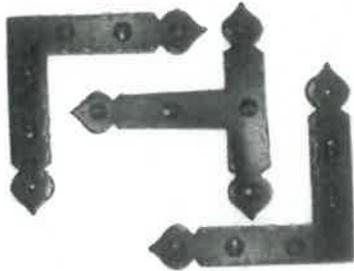


Our 24" Rustic Carriage Door Latch adds old world look and feel to any wood or steel carriage house door. Decorative, non-operating latch available in Dark Earth (shown); available in any of the Elegance Colors, 300-72400

All Rustic Hardware is made of sand cast, rust-free solid aluminum; Mount with Clavos, Door Studs or Screws



Die cast Clavos in 4 sizes, round or pyramid, with nail stud back, are the perfect finishing touch to any door or hardware. Available in 6 Elegance colors.



9" L Corner Brackets and 10" x 9" T Brackets lend a beautiful, rustic feel to any door. Shown Black w/ decorative Clavos. Available in six Elegance colors.

9" L Bracket, 300-72070; T Bracket, 300-72075



4 1/2" Ring Pull; Dark Earth or Black; shown installed w/coordinating clavos, 300-72100

## Residential- Exterior Garage Doors

### Material:

- Visible Face: All visible faces of garage doors, in the closed position, are required to be wood. Approved woods are Western Red Cedar, Alder, Spanish Cedar, Cypress, Teak or Mahogany.
- Face Production: All units are milled or rough cut lumber, not plywood, composite board, vinyl or fiberglass. All trim is milled or rough cut lumber.
- Prohibitions: Composite wood, plywood, fiberglass and steel doors are prohibited unless employed as a structural carrier for the approved woods listed above.

### Dimensions:

- Thickness: 1 3/8 in. minimum.
- Panels: 5/8 in. minimum set in with an authentic sticking detail. Panels can be butted boards set in a wood channel.
- Stiles: 3 1/2 in. minimum
- Top Rail: 3 1/2 in. minimum.
- Bottom Rail: 3 1/2 in. minimum.
- Door Height: 8 ft. minimum. If the door is arched, it may be 9 feet to the spring line of the arch.
- Door Width: 10 ft. maximum when the door is parallel to the public street.



### Opacity:

- Void to solid ratio: Glazing is prohibited in garage doors when parallel to the public street.

### Articulation:

Edges: All edges are routed or carved or rough cut

Surface: Planar, flat with visual expression of composing lumber units (such as butted vertical boards).

- Jointing: Clear indication of connection such as visual expression of mortise and tendon and or mechanical/ wrought fastener/ rivet. Clear visual expression of gate leaf and the structure supporting it (such as cross bucks or frame).

## Residential Exterior Garage Door Hardware

### Materials:

- General: Ferrous metal (square or round section) cut to shape or cast metal.
- Surface: Rustic, wrought iron appearance
- Styling: Spanish and Arts and Crafts are appropriate design styles.
- Finish: All hardware finishes will be oil rubbed, dark bronze or black iron or other natural patina finish.
- Prohibitions: Brass or bronze material; polished brass and stainless steel finishes

### Accessories:

- Placement of Door Pulls: At a minimum, one decorative, wrought iron door pull in a compatible design style is required at each garage door. If the styling of the door appears as two leaves, one pull for each leaf is required. Refer to Ornamental Ironwork for additional information.
- Metal Strapping: Wrought iron decorative metal strapping in a compatible design style and finish is required at all garage doors. At a minimum, four 18 in. straps are required per door.
- Decorative Elements: Decorative studs, antique nails, and door buttons in a compatible design style and finish are appropriate and permitted but not required.
- Kick Plates: Kick plates in a compatible design style and finish are permitted but not required

# Gates

## Wood Gates

### Technical Specs:

Frame – 1-1/2" Steel Tubing

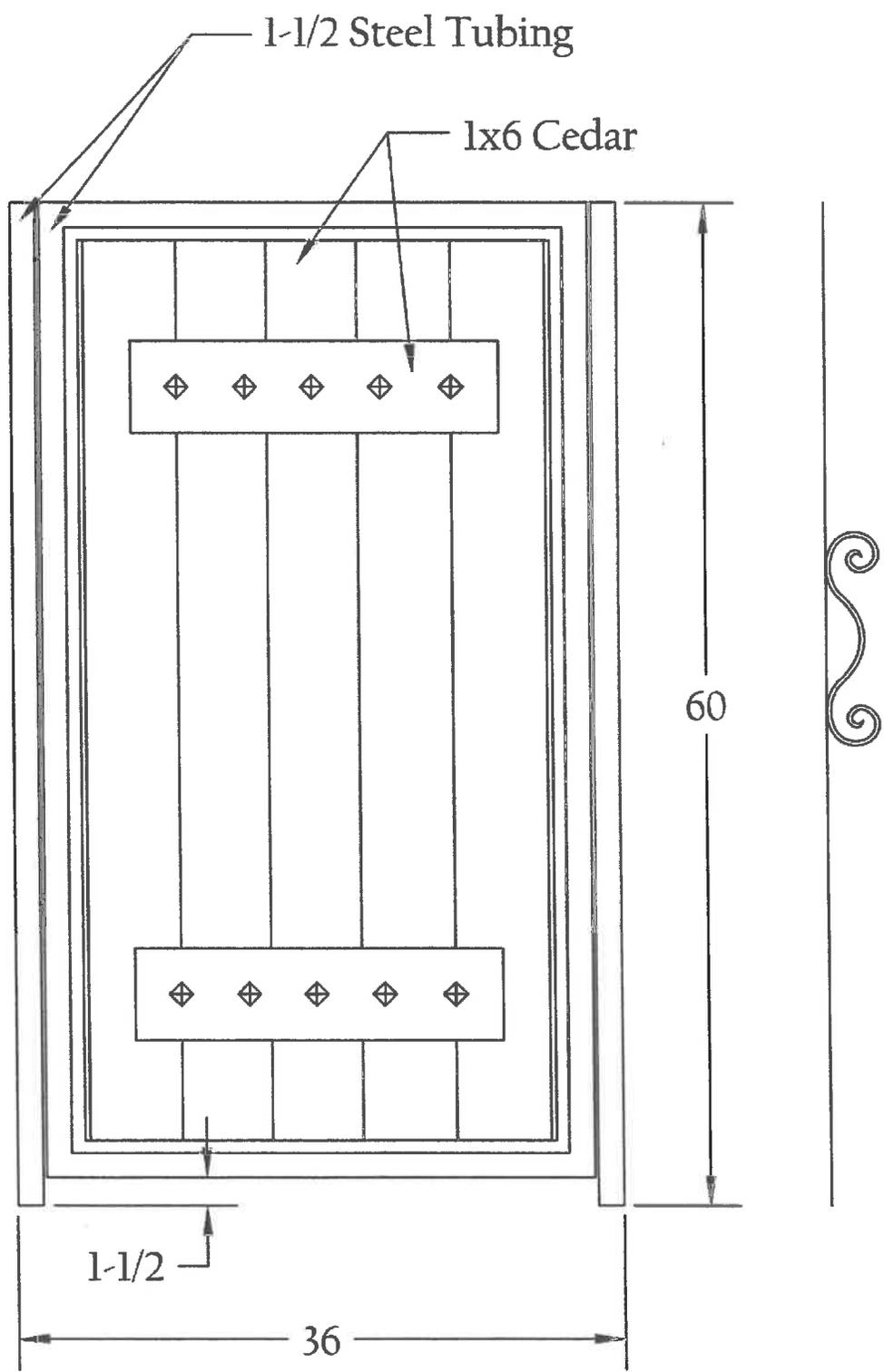
Panel – 1"x6" Cedar

Handle – Hand Forged Iron

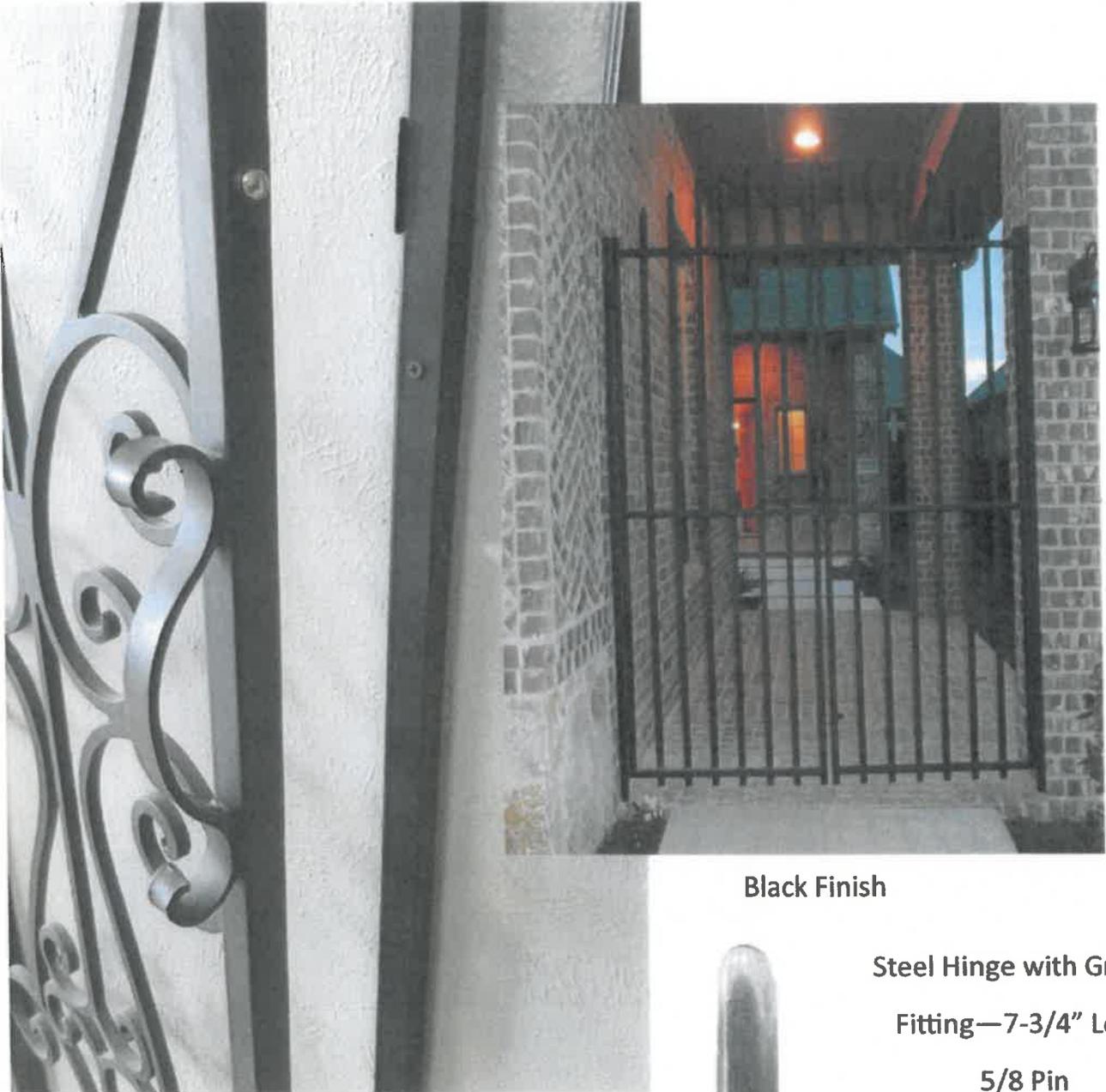
Lock – Emtek Deadbolt Flat Black

Hinges – Steel 7-3/4" Long 5/8" Pin

Hardware – Clavos – Black Iron



# Entrada Westlake Iron & Wood Gate Specifications



**Black Finish**

**Push Pull Handle with Ball Catch**



**1x6 Cedar—UNFINISHED**



**Steel Hinge with Grease**

**Fitting—7-3/4” Long**

**5/8 Pin**

**2 Per Door**



**Clavos—Black Finish**

## Gates

Gates are defined as opaque or see through passage doors at portal entries to activity or motor courts where such entry separates the court from a public way.

### Wood Gates

#### Material:

- Approved Woods: Western Red Cedar, Spanish Cedar, Cypress, Alder or Mahogany
- Panels: All panels are milled lumber
- Trim: All trim is milled lumber or rough cut cedar.
- Prohibitions: The use of sheet lumber (such as plywood, composite board or Masonite) for gate construction

#### Dimensions:

- Frame Material Thickness: 1 1/2 in. minimum (includes all structural members and facing/ planking except where a panel design is used)
- Panel Material Thickness: 3/4 in. minimum set in with an authentic sticking detail (no applied panels with offset applied trim). Panels can be butted boards set in a wood channel.

#### Hardware:

- Handles: Rustic, wrought iron in appearance with or without embellishment
- Hinges: Exposed strap hinges or pin hinges with oil rubbed or black iron finish.
- Finish: Oil rubbed or black iron finish
- Prohibitions: Hidden leaf hinges, bright brass or bronze finishes.

#### Articulation:

- Edges: All edges are routed, carved, or rough sawn. No use of applied molding to create edge details.
- Surface Construction: Planar, flat with visual expression of composing lumber units (such as butted vertical boards).
- Jointing: Clear indication of connection such as visual expression of mortise and tendon and or mechanical/ wrought fastener/ rivet.
- Visual Expression of Structure: Clear visual expression of gate leaf and the structure supporting it (such as cross bucks or frame).

### Metal Gates

#### Material:

- Frame and Structure: Solid Bar (square or round section), Iron or Ferris Wrought Iron, or structural tubular steel.
- Panels: Metal plate.
- Prohibitions: Aluminum, vinyl, or polymer

**Dimensions:**

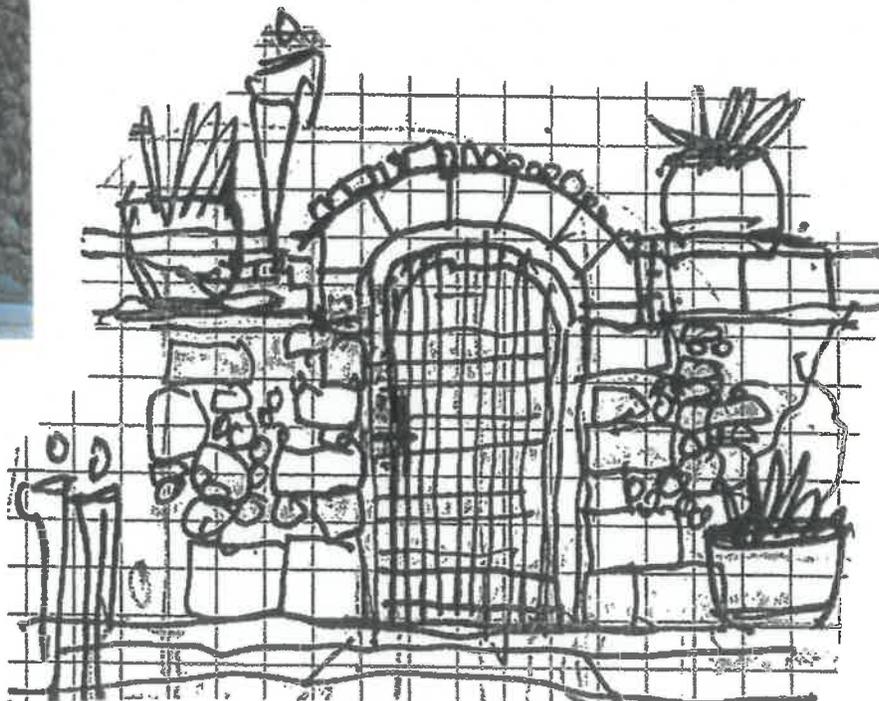
- Frames: 1/4 in. thickness minimum flat plate or structural tubular steel with a minimum dimension of 1-1/2 in.
- Infill bars/ pickets: 1/2 in. minimum.
- Panels: 1/4 in. minimum.

**Hardware:**

- Handles: Rustic wrought iron with or without embellishment
- Hinges: Rustic, wrought iron exposed strap hinges or pin hinges. Integral welded hinges constructed as part of gate construction (such as tubular sleeves and pins) is also permitted.
- Finishes: Oil rubbed bronze or black iron finish.
- Prohibitions: Hidden leaf hinges, bright brass, bright bronze, or aluminum.

**Articulation:**

- Jointing: Welded or forged joints only.
- Finials: Finials from solid stock and welded to solid or tube material
- Finish: Oil finished iron or black painted iron (painted over a durable primer)
- Weld Joints: All welded joints are to be ground smooth.



# Roof Tiles

## Roof Tiles

### Technical Specs:

2 Piece Mission Barrel Tile

Bird Stop – Clay

Color – Palermo Blend

## Pitched Roofing

### Materials:

- Material general: Genuine, natural clay, color fast, 2-piece Mission barrel tile
- Allowable color blends: Allowable color blends shall be those which substantially match the sample roof assembly approved by the Town. Deviations from the approved sample(s) must be approved by the Town.

### Location:

- All pitched roofs.

### Dimensions/ Slope:

- Maximum roof slope: 6:12, unless otherwise approved

### Roof Shapes:

- Gable: The preferred roof shape is gabled. Hip style roofs are discouraged and only allowed in situations where a hip is necessary to mechanically execute the roof in an efficient manner. Multi-level complex roof line profiles should be used when possible. The objective is to have discrete roof forms and clearly articulated, simple roof planes.
- Prohibitions: The use of dormers, unless otherwise approved; and wild pitches, sloping ridges, and cut off hips as a means of solving roof closure designs.

### Articulation:

- Mortar Build Up: Gable and hip ridges are required to have a mortar build up of sufficient height to allow field tile to butt into the mortar yet allowing ridge tiles to be vertically separated from the field tiles.
- Ridges and Gable Ends: Ends of gable and hip ridges are required to use layers of tiles to match mortar build up.
- Field Tiles: Field tiles can have random mortar boosts.
- Closure: If acceptable to roof manufacturer and able to be warrantied, the closure of barrel tile at the eave is allowed to be mortar in lieu of matching bird stop.
- Screening: Mechanical equipment is required to be screened and must not be visible from public right of ways.
- Roof Penetrations: Plumbing roof penetrations should be limited and should not be visible from public right of ways. All plumbing vent piping must be painted to match roof color.

# Shutters

## Shutters

### Technical Specs:

Material – Western Red Cedar

Frame Thickness – 1-1/2"

Inset Panel – 3/4"

Hinges – Non-Operable Steel

Tie Backs – Classic "S" Stay

# Shutter Hinges

## 1. Suffolk Style "L" Hinge

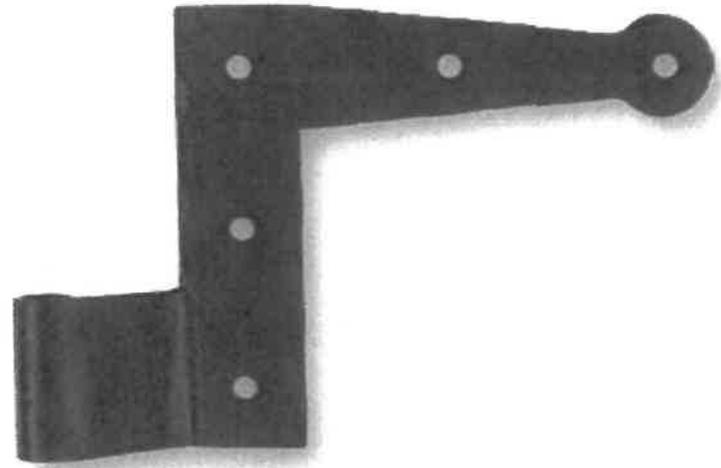
Hand Forged Suffolk "L" Hinge. Sold as Pair (Left Hand & Right Hand).

Carbon Steel

- A. EHL R 0.00 0" Offset
- B. EHL R 0.50 1/2" Offset
- C. EHL R 1.75 1 3/4" Offset
- D. EHL R 2.25 2 1/4" Offset

Stainless Steel

- E. EHL SS 0.00 0" Offset
- F. EHL SS 0.50 1/2" Offset
- G. EHL SS 1.75 1 3/4" Offset
- H. EHL SS 2.25 2 1/4" Offset

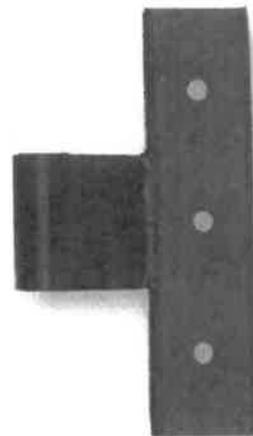


1. Suffolk Style "L" Hinge

## 2. Suffolk Style Center Hinge

Hand Forged Suffolk Style Center Hinge. Stainless Steel. Sold as Pair.

EHH SS 0.5 1/2" Offset

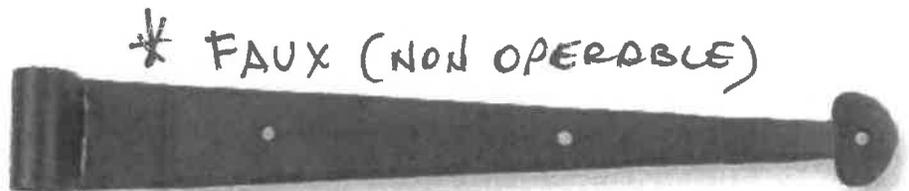


2. Suffolk Style Center Hinge

## 3. Suffolk Style Strap Hinge

Hand Forged Suffolk Style Strap Hinge. 1" Offset. Carbon Steel. Sold as Pair.

- A. EHS 3-12 12"
- B. EHS 4-18 18"



3. Suffolk Style Strap Hinge

# SHUTTER STAYS

## 1. Classic "S" Stay

Classic "S" Stay. Cast Aluminum.  
Sold as Pair. (Left Hand &  
Right Hand).

- A. SD1 Lag Mount 6"
- B. SD2 Lag Mount 7"
- C. SD4 Plate Mount 7"

## 2. Stainless "S" Stay

Stainless Steel "S" Stay. Lag Mount.  
Reversible.

SD3-SS 7"

## 3. Flat Rat Tail Stay

8" Flat Rat Tail Shutter Stay. Cast  
Aluminum. Lag Mount. Sold as Pair.  
(Left Hand & Right Hand).

RT1FSS

## 4. Propeller Stay

Stainless Steel Stay. Lag Mount.

PS1 7"

## 5. Protruding Rat Tail Stay

8" Protruding Rat Tail Shutter Stay.  
Cast Aluminum. Lag Mount.  
Sold as Pair (Not Handed).

RT1PSS

## 6. Hidden Stay

Stainless Steel Hidden Shutter Stay.  
Sold as Pair.

E-SS 5/8" Catch

## 7. Anti-Vibration Bracket

Tubular Support Bracket Used to  
Prevent Shutter Vibration.  
Sold as Pair.

NV1



1. CLASSIC "S" STAY



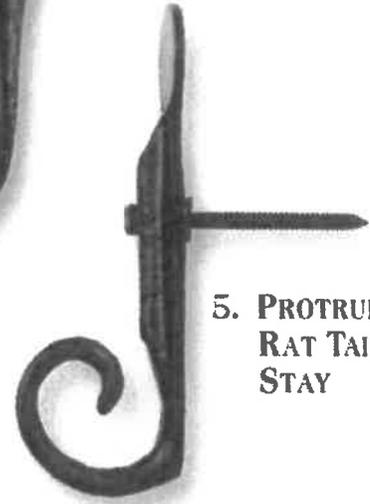
2. STAINLESS "S" STAY



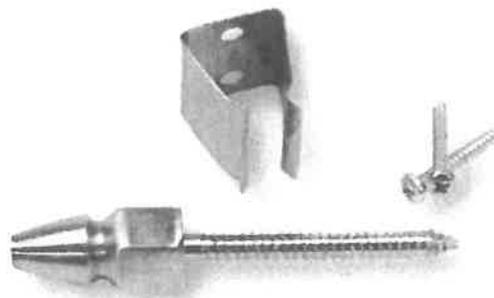
3. FLAT RAT  
TAIL STAY



4. PROPELLER  
STAY



5. PROTRUDING  
RAT TAIL  
STAY



6. HIDDEN STAY



7. ANTI-VIBRATION  
BRACKET

## Shutters

### Material:

- Material: Approved woods are Alder, Western Red Cedar, Cypress, Spanish Cedar or Mahogany.
- Material Production: All components are milled or rough cut lumber
- Trim Production: All trim is milled or rough cut lumber.
- Prohibitions: Sheet lumber, composite wood products, cementitious trim products, and Masonite

### Dimensions:

- Frame Thickness: 1 1/2 in. minimum (includes all structural members used for "panel type shutters" and planks used for "board type shutters")
- Panels: 3/4 in. minimum set in with an authentic sticking detail (no applied panels with offset applied trim). Panels can be butted boards set in a wood channel.

### Hardware:

- Pull Rings: Rustic, wrought iron or cast construction with or without welded embellishment and oil rubbed, dark bronze or black iron finish or other shop applied natural patina finish; Provide one per shutter, mounted directly to shutter
- Hinges: Rustic, wrought iron, exposed strap hinges or pin hinges, oil rubbed, dark bronze, black iron finish, or other shop applied natural patina finish; mounted directly to stone surround or window frame. Provide two per shutter minimum.
- Tie-Backs: Rustic, wrought iron with or without welded embellishment and oil rubbed, dark bronze, black iron finish, or shop applied natural patina finish. Tie-backs options include propeller style, mounted directly to the stone wall by lag or plate; propeller style sill mount that are connected directly to the window sill stone or hook and staple, mounted from the window sill stone; and hooked at the shutter. Provide one tie-back per shutter.
- Shutter Locks: Rustic, wrought iron, exposed sliding bar lock, oil rubbed, dark bronze, black iron, or shop applied natural patina finish; Provide one lock per pair of shutters mounted directly to shutters.

**Articulation:**

- Styling: Shutter designs are limited to multi-panelled or board and batten assemblies.
- Operation: Shutters are not required to be operable, but they must appear as such.
- Edges: All edges are to be routed, rough cut, or carved, or applied molding shall be used to create the edge detail.
- Surface: Planar, flat with visual expression of composing lumber units (such as butted vertical boards).
- Jointing: Clear indication of connection such as visual expression of mortise and tendon and or mechanical/ wrought fastener/ rivet.
- Relationship to Window Size: If shutters are used, window width openings of 18 in. and smaller may use only one shutter leaf to cover the window. Window width openings over 18 in. are required to have a pair of shutters cover the window. Shutter size must be compatible with window size or opening size.
- Prohibitions: Bermuda style shutters, louver style shutters



# Gutters

## Gutters

### Technical Specs:

Gutters – 6" Half Round

Prefinished Material – Hylar 500 Aluminum 20 Gauge

Down Spouts – 4" Round

Color – Dark Bronze

## Gutters, Downspouts, Collection Boxes and Scuppers

### Material:

- Material General: All gutters, gutter hangers, downspouts, downspout wall clips, scuppers and collection boxes are required to be prefinished galvanized Kynar 500 or Hylar 500 aluminum, minimum 20 gauge, in dark bronze or metallic copper or authentic copper.

### Dimensions and Shape

- Gutters, if provided: 6 in. minimum half-round profile.
- Downspouts: 4 in. minimum plain round.
- Elbows and Bends: 4 in. minimum plain round.

### Articulation:

- Gutter Jointing: All horizontal joints are required to be soldered, or mechanically fastened and concealed with similar metal straps, except for expansion joints.
- Downspout Jointing: Vertical downspout sections, elbows and bends may be slip jointed and/or riveted if rivets are concealed. Collection boxes are permitted in the vertical downspout assembly.
- Gutter End: All joints must be soldered or mechanically fastened and concealed with similar metal straps.
- Gutter Hangers: All gutters are required to be supported by compatible roof mounted strap hangers. The use of fascia hangers is prohibited.
- Concealed Gutters: In lieu of exposed gutters and downspouts, gutters may be built into the eave assembly provided that the resulting eave/cornice detail is compatible with the Catalonian/European archetype.
- Scuppers: Thru wall parapet scuppers are required to be covered by decorative collection boxes. Overflow scuppers are exempted from this requirement.
- Fasteners: All visible screws, nails or bolts used to connect downspouts or collection boxes to their surrounding substrate must be of compatible style, finish and appearance.



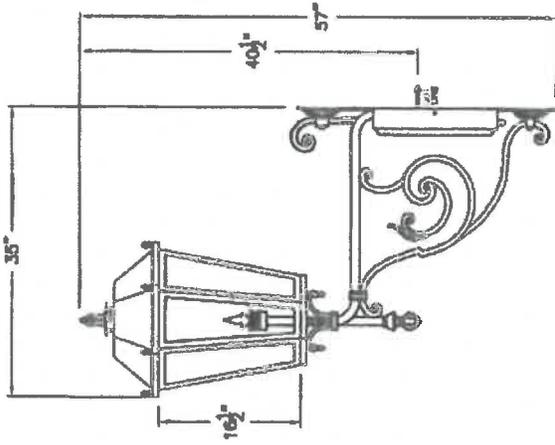
# Outdoor Light Fixtures

## Outdoor Light Fixtures

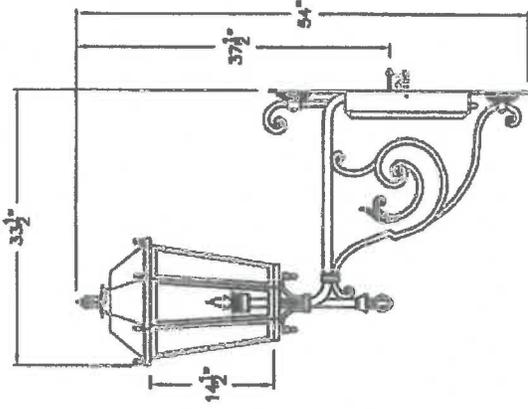
### Technical Specs:

Solara Custom Built Fixtures 12" Wide x 42" High x 23" Depth

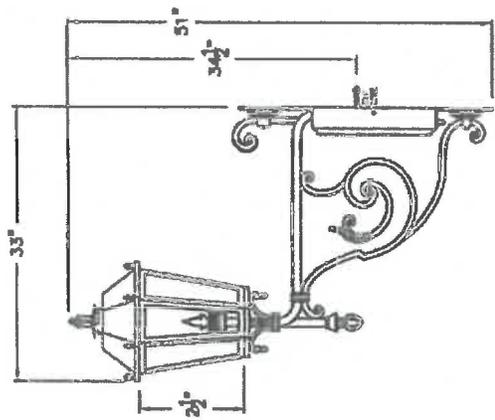
Type - Electric



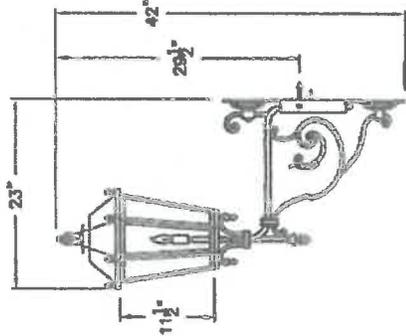
**X-LARGE**  
**E-004-014**  
 18 1/2" W x 57" H x 35" D



**LARGE**  
**E-004-013**  
 15 1/2" W x 54" H x 33 1/2" D



**MEDIUM**  
**E-004-012**  
 14 1/2" W x 51" H x 33" D



**SMALL**  
**E-004-011**  
 12" W x 42" H x 23" D

AVAILABLE IN  
**GAS & ELECTRIC**  
 WITH EXCEPTION  
 OF SMALL SIZE

\* ACTUAL DIMENSIONS MAY VARY UP TO 1/2"

CUSTOM DRAWING CHANGES:

© 2010 SOLARA ENCHAINMENT  
 UNAUTHORIZED USE OF THIS  
 PLAN IS IN VIOLATION OF THE  
 U.S. COPYRIGHT ACT TITLE 17  
 OF THE U.S. CODE



DESIGN: SICILIA  
 LINE: WALL MOUNT  
 FILE: E-004-01SET-EG-S100-4  
 DATE REV: 29-SEP-10



**Exterior Lighting:****Materials:**

- Materials General: Rustic, wrought iron appearance
- Materials: Ferrous metal (square or round section) or structural tubular steel for all structural frames where a structural frame is required. Otherwise the approved materials are: steel, copper or brass, zinc in structural sections or sheet forms as necessary to craft the light fixture. Pole type light standards may be cast or wrought iron. All light standards and fixtures placed in association with (or visible from) a public way must be approved by the Town. Wall or ceiling mounted lighting must be mounted with a wrought iron attachment.
- Styling: Spanish and Arts and Crafts are appropriate design styles.
- Prohibitions: Polished brass and stainless steel finishes.

**Mounting:**

- Exterior Lighting: Exterior lighting may be pole mounted, column mounted, wall mounted, ceiling mounted, hanging, or bollards.

**Location:**

- Facades: All building entry facades and connecting side facade at corner conditions must have a minimum of one dark sky compliant exterior lighting fixture.

**Dimensions:**

- Residential: Pole mounted, column mounted, wall mounted and hanging residential lighting fixtures are required to have a minimum of height of 16 in. and a minimum width of 8 in. excluding the ornamental top, bottom extension and mounting device.
- Residential Surface: Ceiling surface mounted residential lighting fixtures are required to have a minimum height of 12 in. and width of 8 in. excluding ornamental top and bottom extension and mounting device.
- Commercial: Pole mounted, column mounted, wall mounted and hanging commercial lighting fixtures are required to have a minimum height of 24 in. and a minimum width of 12 in. excluding the ornamental top, bottom extension and mounting device.
- Commercial Surface: Ceiling surface mounted commercial lighting fixtures are required to have a minimum height of 12 in. and a minimum width of 8 in. excluding the ornamental top, bottom extension, and mounting device.

**Articulation:**

- Light Source: Exterior lighting may be electrified or gas fueled. Gas fueled lights are normally required to be larger than electrified lighting. The above referenced dimensions are for electrified lighting. Therefore, gas lights will have to be larger in each residential and commercial condition unless otherwise UL certified for gas use.
- Entries: Residential and commercial exterior doors are required to be illuminated.
- Brackets: The use of decorative metal brackets for wall hung fixtures in a compatible design style and finish is encouraged at entrances. The use of decorative side scrolls is encouraged for wall mounted light fixtures.
- Dark-Sky: All exterior lighting must comply with local dark-sky policy requirements with the exception of tower or water feature illumination which are approved on a case by case basis.
- Glazing: Approved glass options are Clear or Seedy. Frosted glass is prohibited. However, street lighting may have frosted glazing to obscure energy efficient light source.
- Electric Light Source: Visible electric source must be decorative. Mini -fluorescent light sources that are visible from the public way are prohibited.



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**Sizing Details**

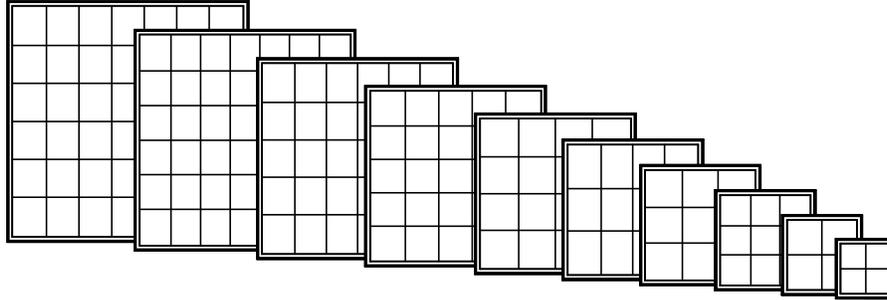
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GENERAL INFORMATION



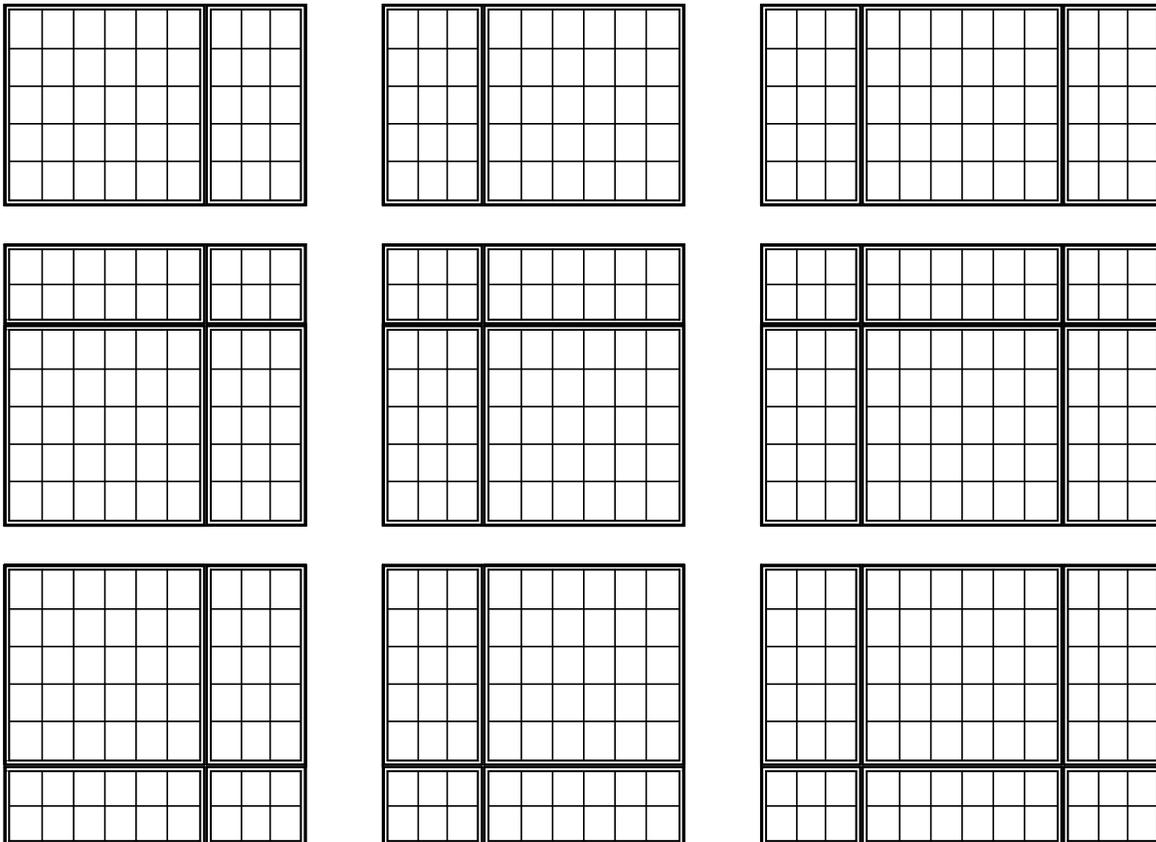
**DIMENSIONAL WINDOWS**

Siteline clad casement windows may be specified as "dimensional", by adjusting the desired rough opening width or height.

Siteline clad casement windows are available with left or right hand operation, or stationary (non-venting). Operating mechanism includes corrosion resistant steel hinges and dual arm roto-type operator with hardened steel gears and operating arms. Sash locks are concealed unison type with an exposed locking lever and escutcheon plate. There are several interior hardware finish options. Refer to the Specifications for finish options.

**MULTIPLE ASSEMBLIES**

Siteline clad casement windows may be mullered above, below, or beside other clad casement windows, or other clad window products.



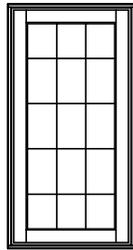


LITE CUT INFORMATION

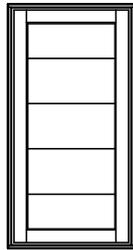
Siteline clad casement windows are available with removable grilles in 7/8", 1-1/8" and 1-3/8" widths, Airspace (between the panes) grilles, and Simulated Divided Lites. Standard lite cuts are rectangular, and conform to the layouts noted in the charts on the next page. To use the chart, refer to the appropriate table by the type of window and type of bars or grilles the section drawings illustrate. Then simply cross reference the frame Height and Width to determine the standard lite cut.

LITE CUT OPTIONS

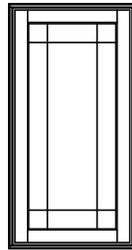
Special lite cut patterns can include a wide variety of straight line and radius patterns. The illustrations shown here represent just a few of the possibilities. Rectangular, horizontal, vertical and Prairie lite patterns are available in all standard size clad casement windows. Uneven, diamond, radius and Gothic lite cuts are available, subject to approval. Approvals are based on the ability to fulfill the design requirement while maintaining the construction integrity of the finished product.



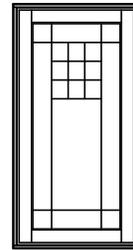
RECTANGULAR



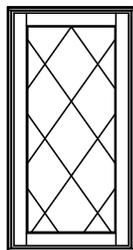
HORIZONTAL



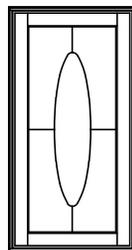
PRAIRIE



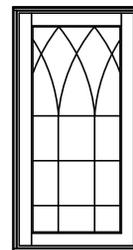
UNEVEN



DIAMOND



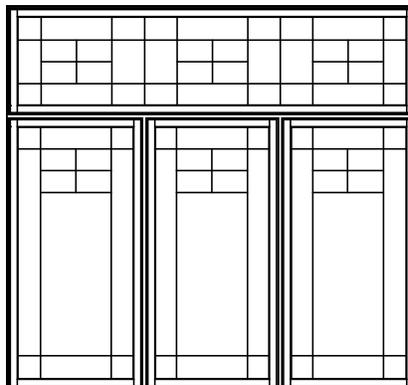
RADIUS



GOTHIC

BAR ALIGNMENT

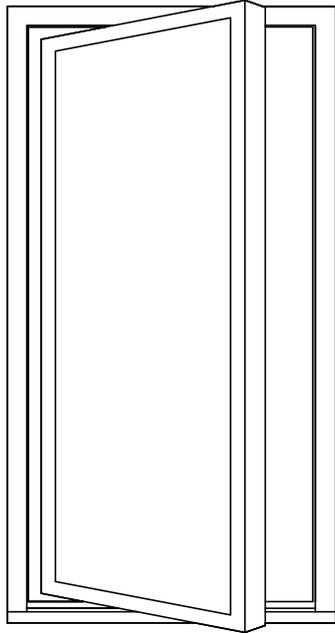
Alignment of divided lite muntin bars from one window to the next is often required by fine architectural design. Wood grilles, Grilles Between the Glass, grilles, and Simulated Divided Lites may be specified with muntin bars aligned.



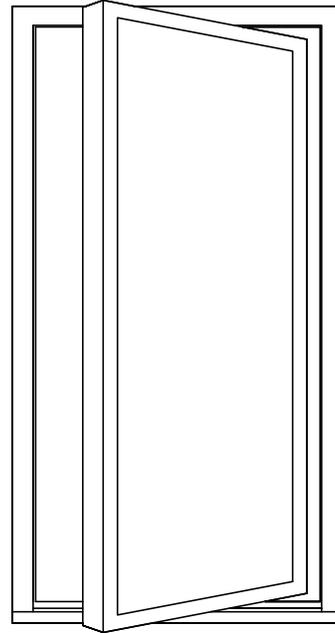


HANDING & OPERATION

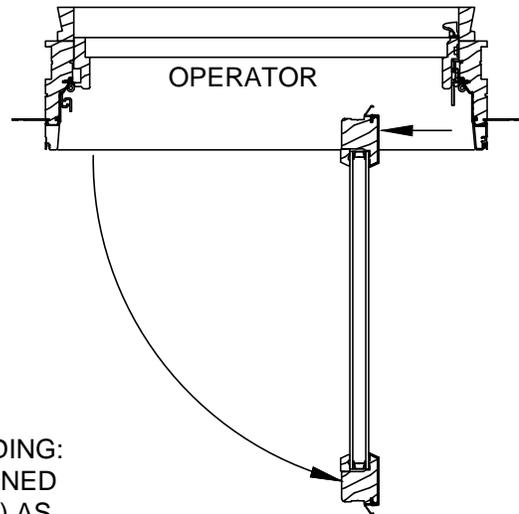
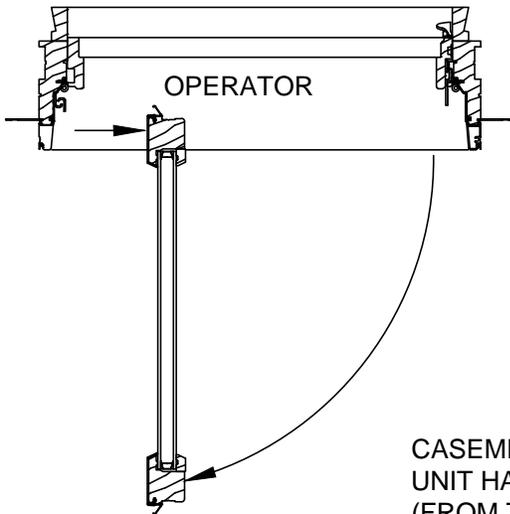
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LEFT  
HAND



RIGHT  
HAND



CASEMENT UNIT HANDING:  
UNIT HANDING IS DEFINED  
(FROM THE EXTERIOR) AS  
THE DIRECTION THE SASH  
OPENS.



UNIT SIZING, ROUGH OPENING & MASONRY OPENINGS

**General Notes:**

Unit size is always the maximum size of the window with or without trim and does not include nail fin.

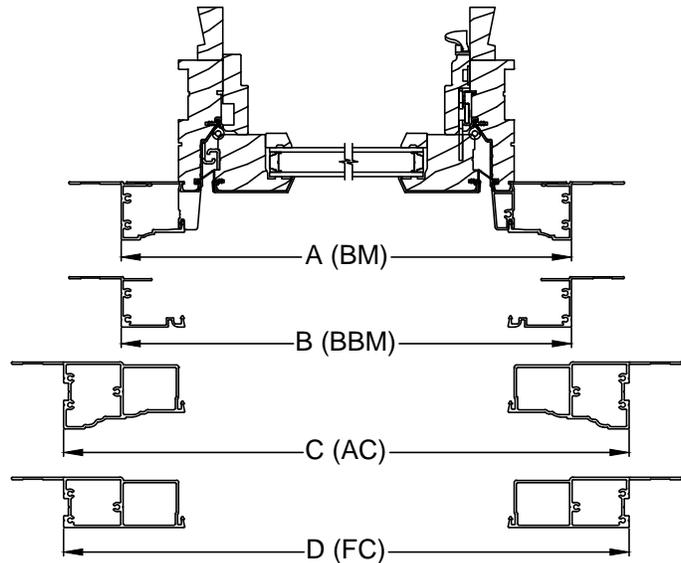
**Masonry Opening:**

Masonry opening is always 1/2" over (height and width) the unit size or the outside of the trim of the window.

**Rough Opening:**

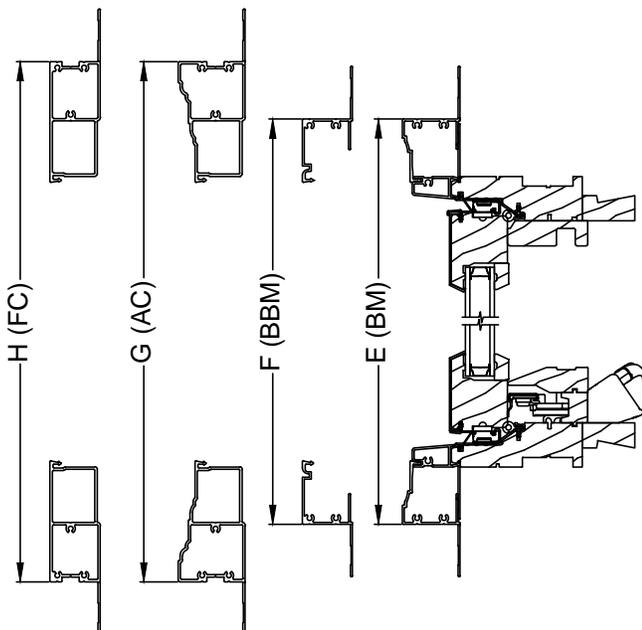
Rough opening is always 3/4" over frame size of the window.

Horizontal exterior trim offerings below are the same with or without sill nose.

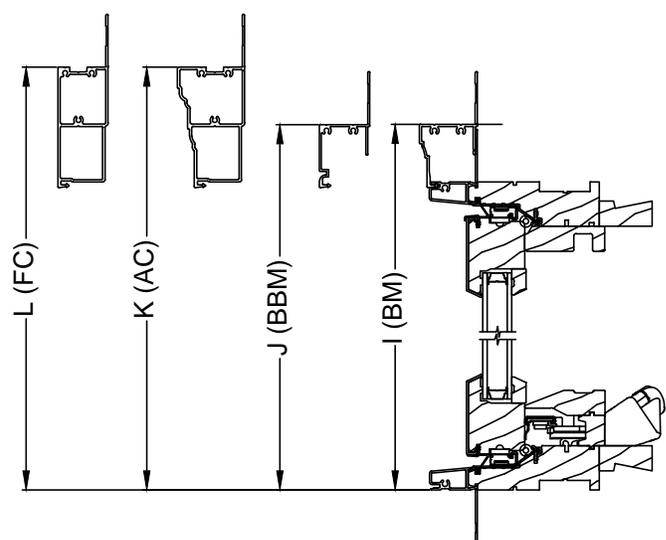


Horizontal Sections		
Trim Option	Dimension	Frame +
Brickmould (BM)	A	3"
Beaded Brickmould (BBM)	B	3"
Adams Casing (AC)	C	6"
3 1/2" Flat Casing (FC)	D	6"

Vertical exterior trim offerings without sill nose. Trim on all 4 sides.



Vertical exterior trim offerings with standard sill nosing. Trim on 3 sides.

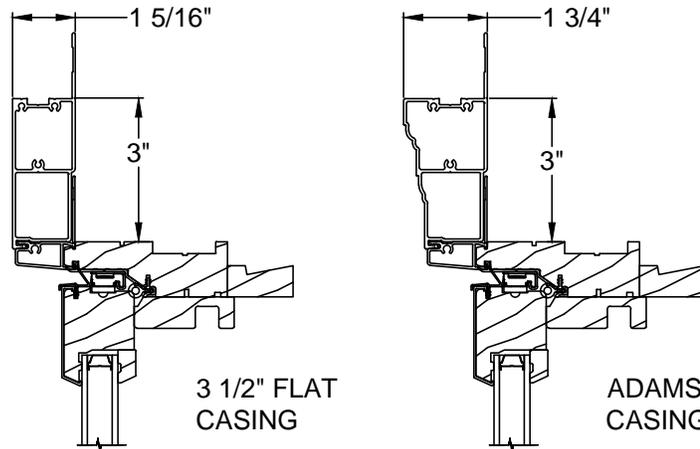
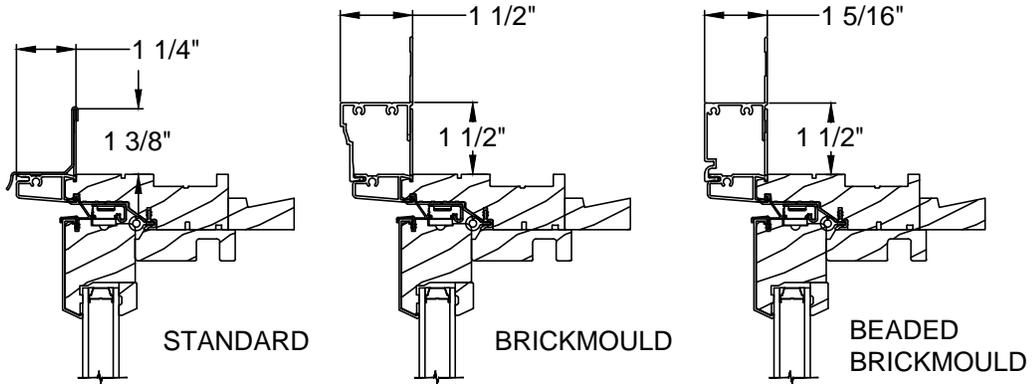


Vertical Sections (w/o Sill Nose)		
Trim Option	Dimension	Frame +
Brickmould (BM)	E	3"
Beaded Brickmould (BBM)	F	3"
Adams Casing (AC)	G	6"
3 1/2" Flat Casing (FC)	H	6"

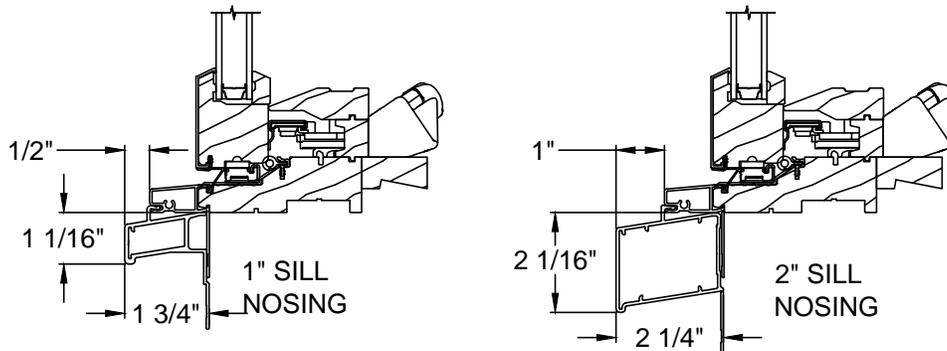
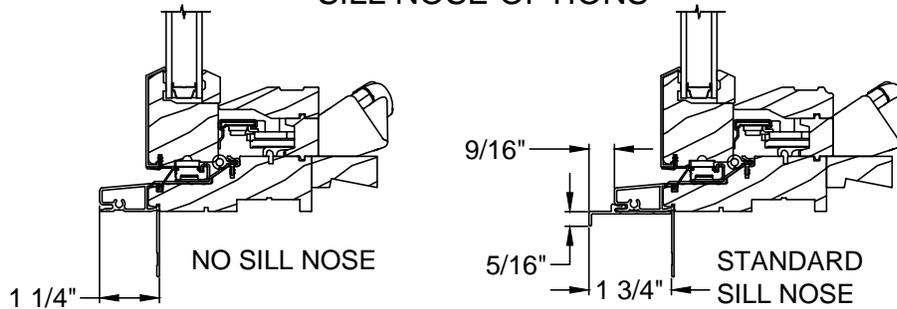
Vertical Sections (w/ Sill Nose)		
Trim Option	Dimension	Frame +
Brickmould (BM)	I	1-13/16"
Beaded Brickmould (BBM)	J	1-13/16"
Adams Casing (AC)	K	3-5/16"
3 1/2" Flat Casing (FC)	L	3-5/16"



TRIM OPTIONS

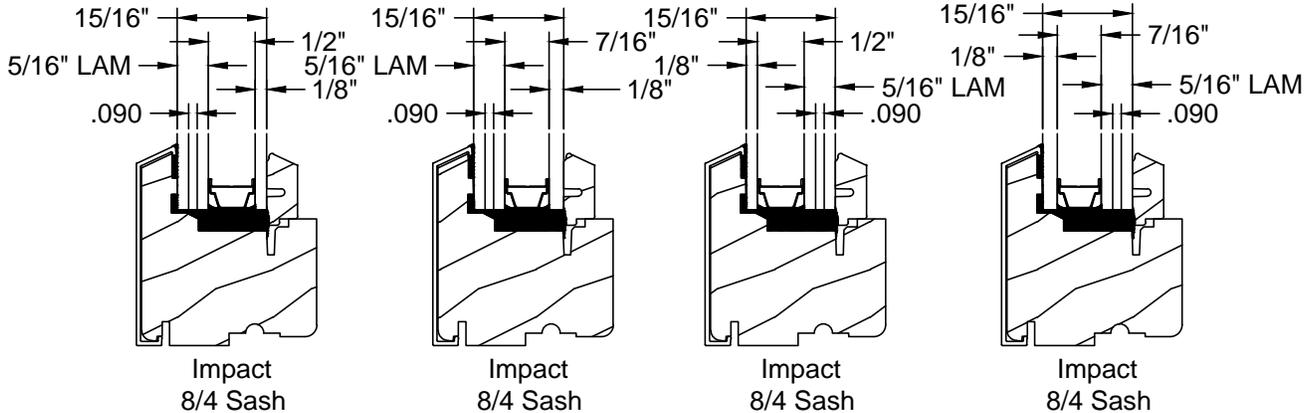
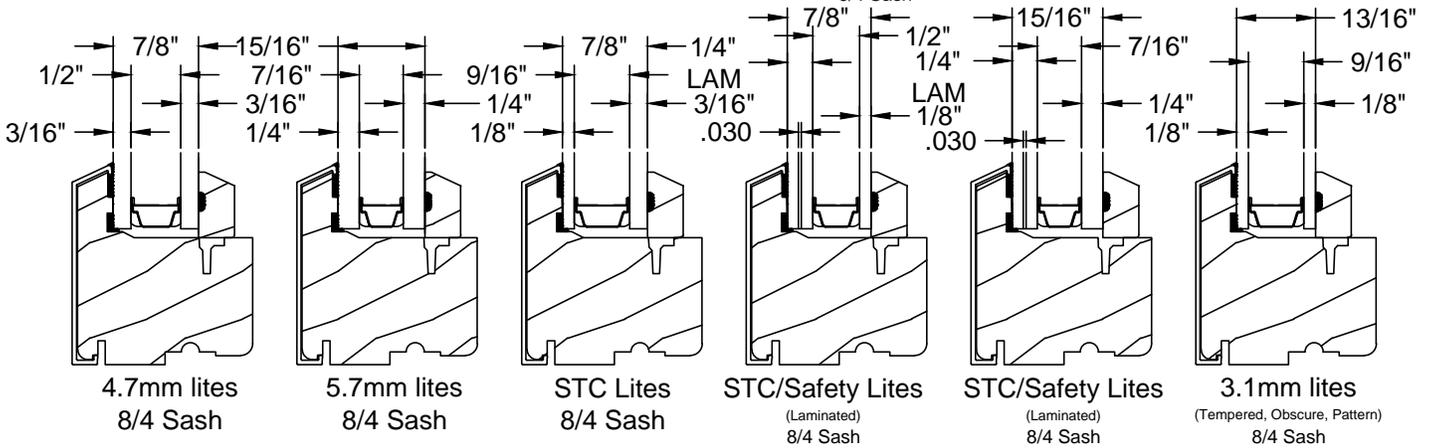
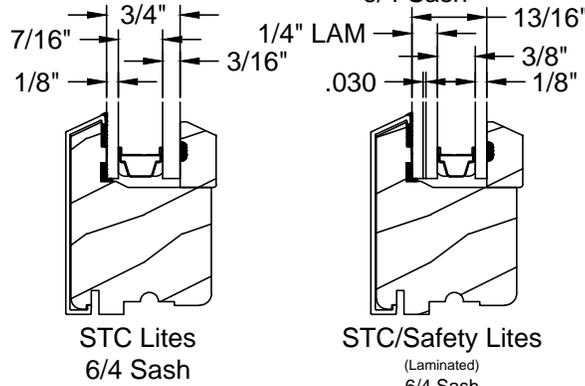
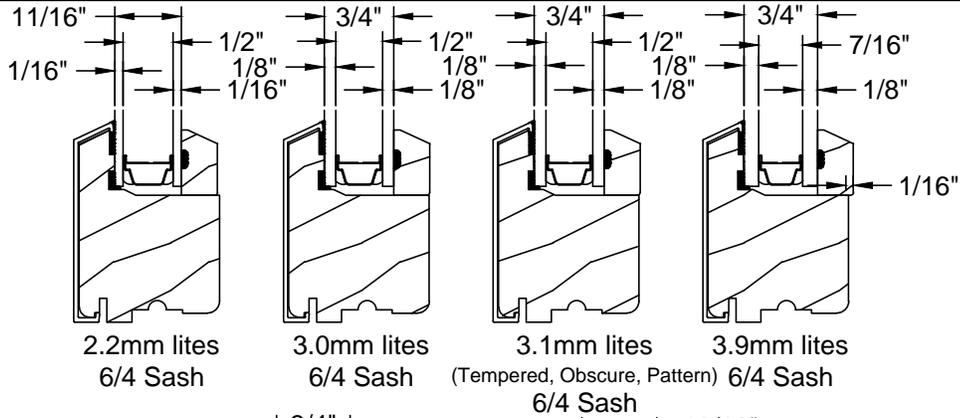


SILL NOSE OPTIONS





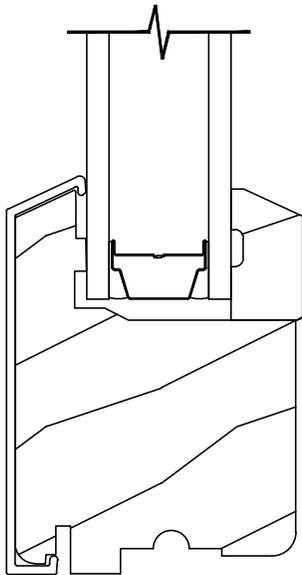
GLAZING OPTIONS



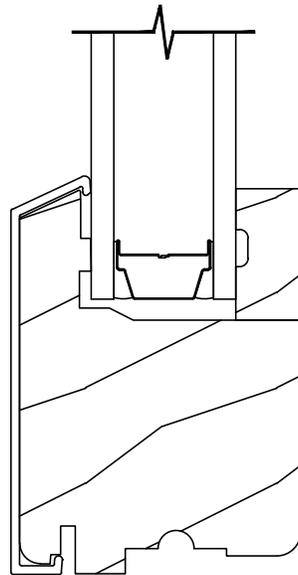


GLASS STOP OPTIONS

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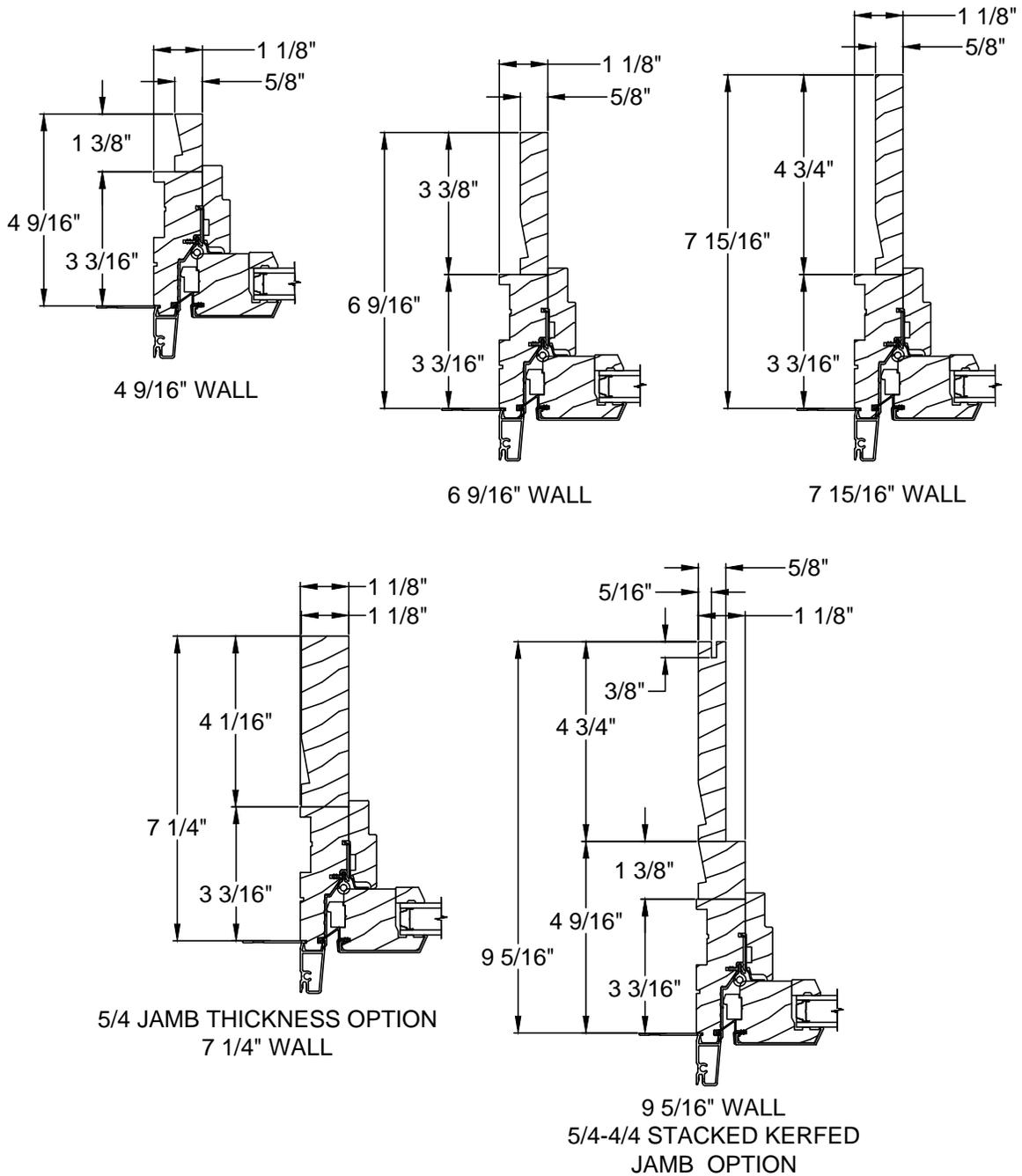
TRADITIONAL



CONTEMPORARY



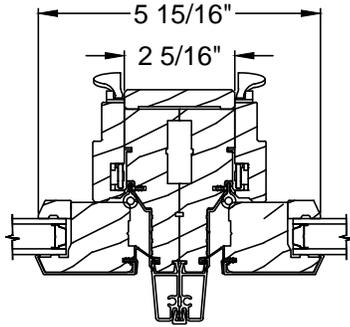
JAMB EXTENDER OPTIONS



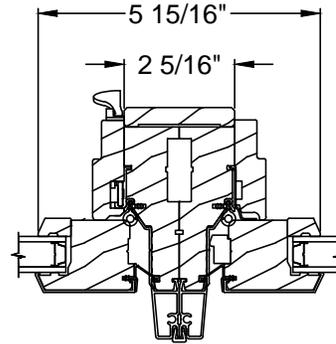
Kerfed Jamb Extension only available on 4/4 or 5/4 options  
 Maximum jamb length for 4/4 is 7 15/16".  
 Maximum jamb length for 5/4 is 7 1/4".  
 Maximum jamb length for 5/4 2 piece stacked is 12".



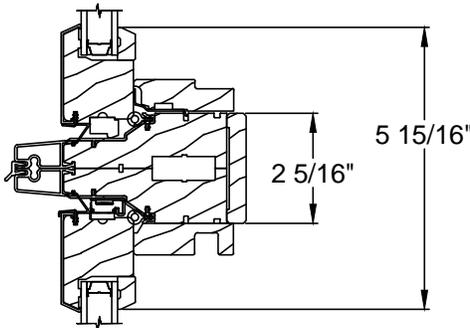
MULLION OPTIONS - STANDARD



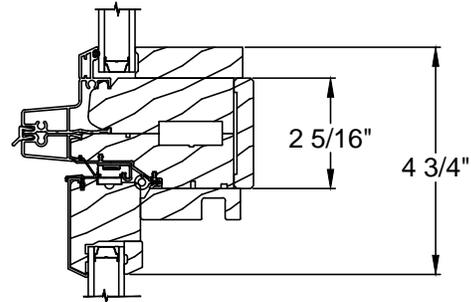
Operating - Operating



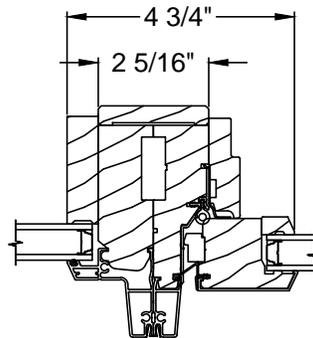
Operating - Stationary



Stationary  
Operating



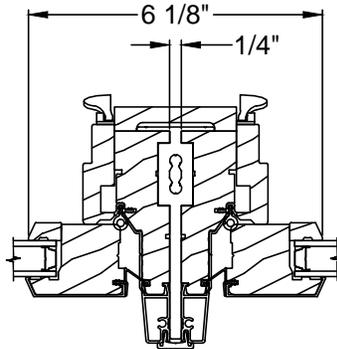
Direct Set  
Operating



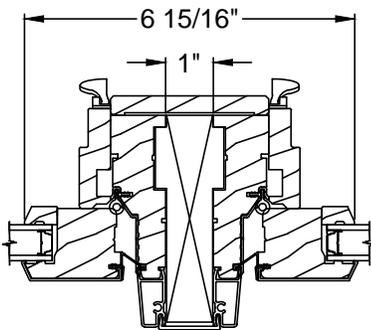
Direct Set - Operating



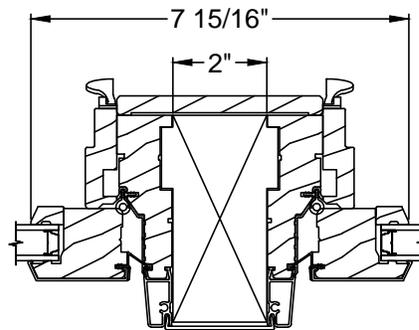
MULLION OPTIONS - SPREAD



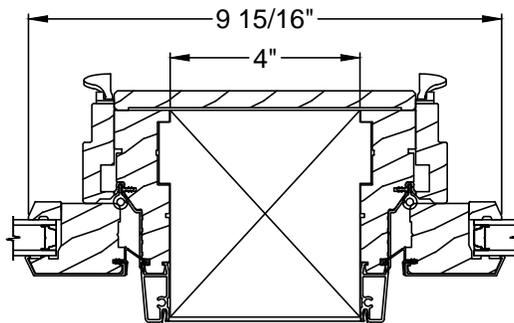
OPERATING / OPERATING  
W/ 1/4" STRUCTURAL MULL  
HORIZONTAL SECTION



OPERATING / OPERATING  
W/ 1" SOLID SPREAD MULL  
HORIZONTAL SECTION



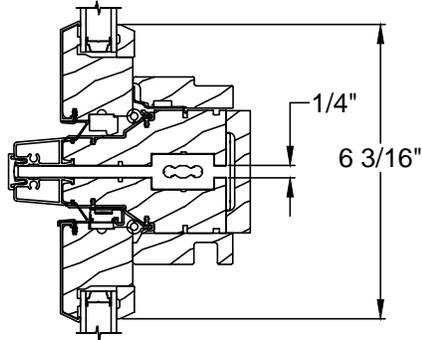
OPERATING / OPERATING  
W/ 2" SOLID SPREAD MULL  
HORIZONTAL SECTION



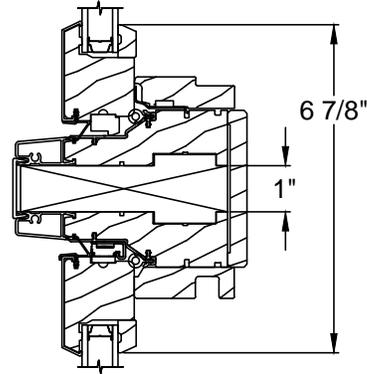
OPERATING / OPERATING  
W/ 4" SOLID SPREAD MULL  
HORIZONTAL SECTION



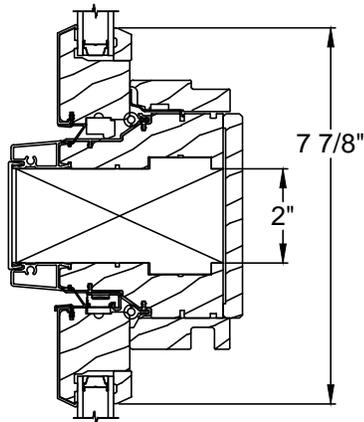
MULLION OPTIONS - SPREAD



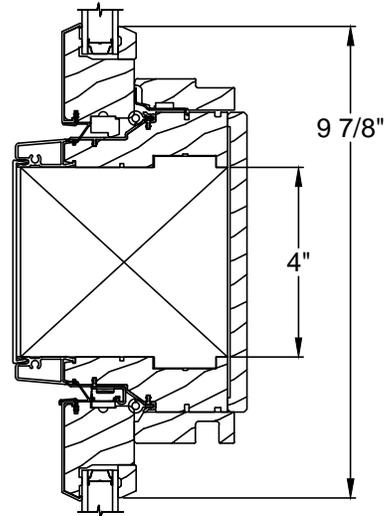
STATIONARY  
OPERATING  
W/ 1/4" STRUCTURAL  
MULL VERTICAL SECTION



STATIONARY  
OPERATING  
W/ 1" SOLID SPREAD  
MULL VERTICAL SECTION



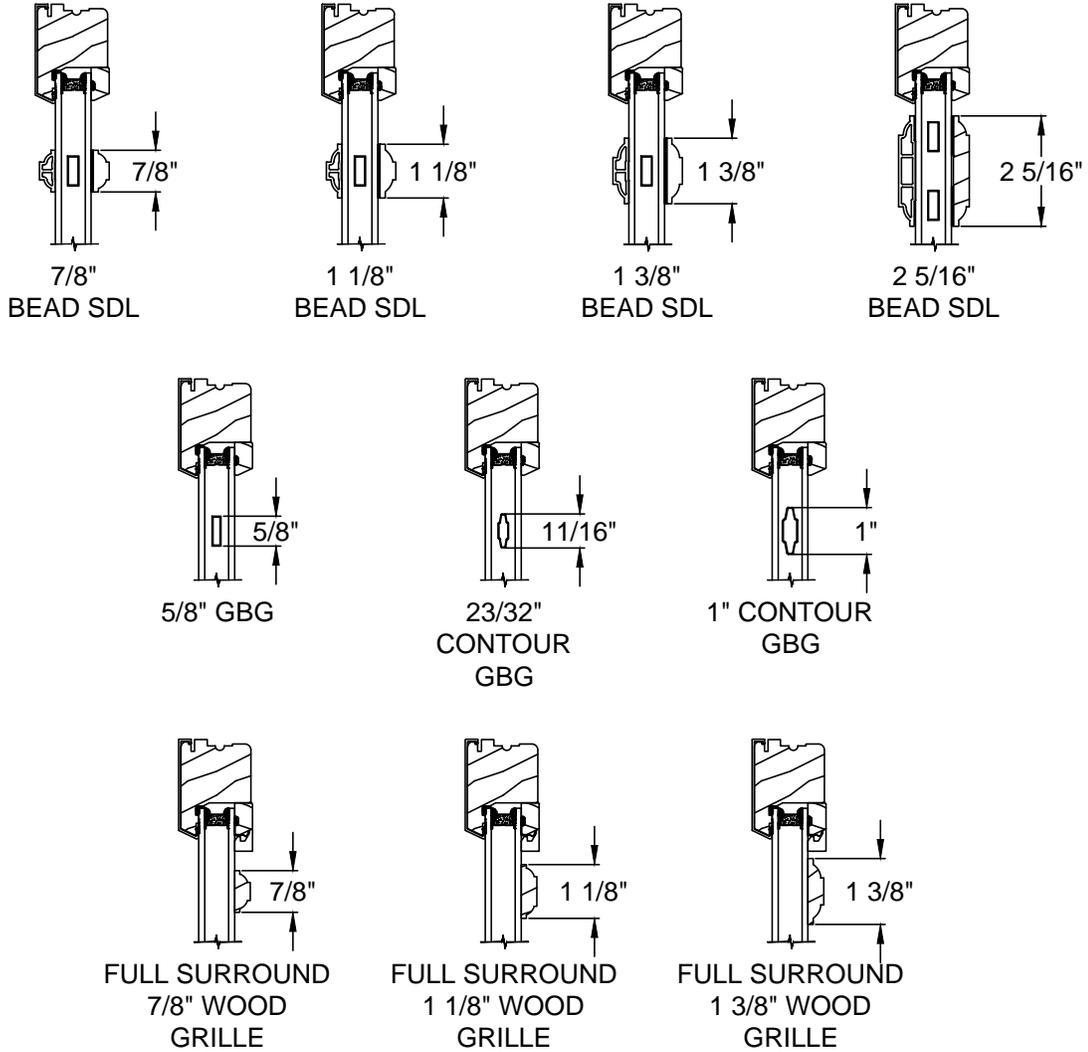
STATIONARY  
OPERATING  
W/ 2" SOLID SPREAD  
MULL VERTICAL SECTION



STATIONARY  
OPERATING  
W/ 4" SOLID SPREAD  
MULL VERTICAL SECTION

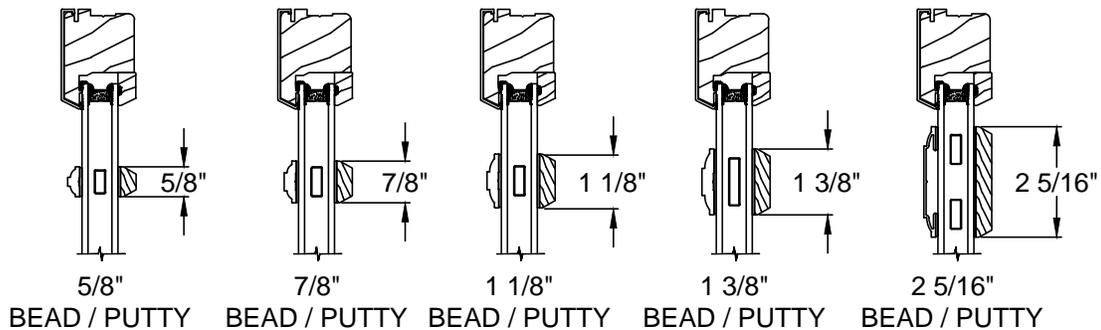
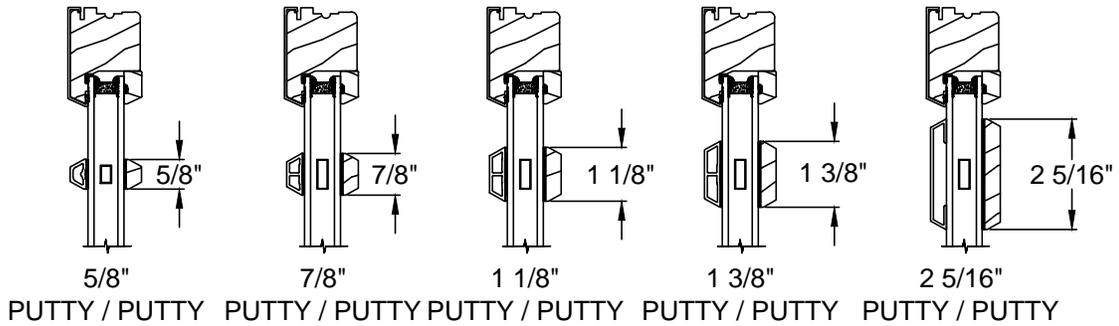
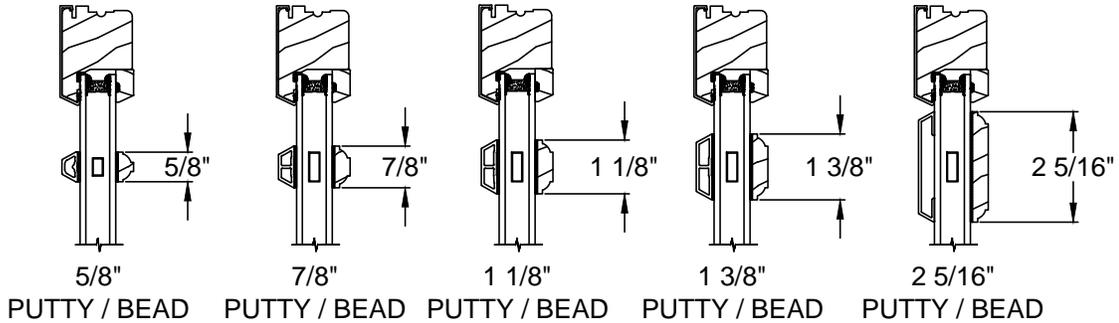


DIVIDED LITE OPTIONS



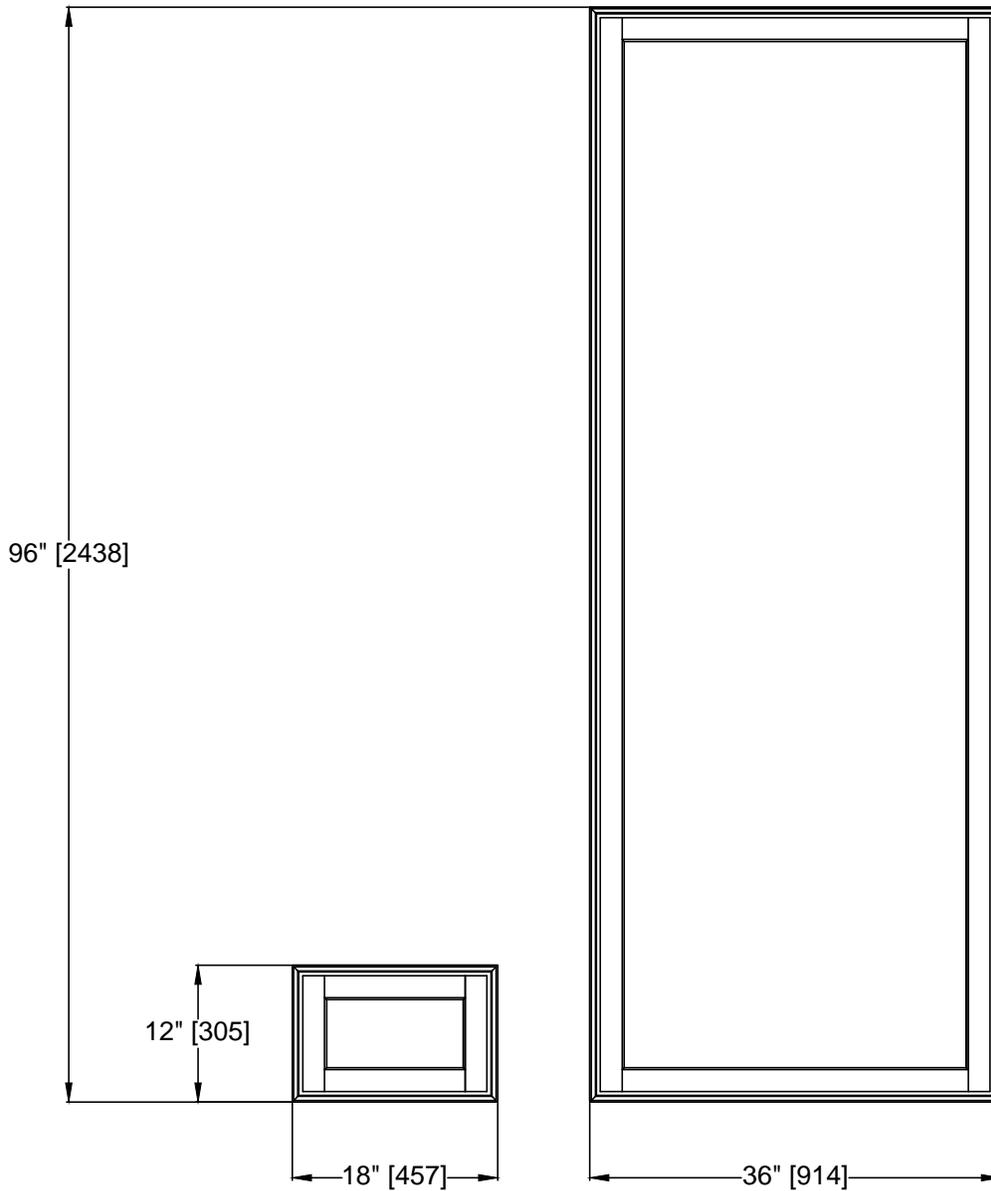


DIVIDED LITE OPTIONS





MIN-MAX SIZING - STANDARD



Standard widths for the Sitrine Clad Casement:

18"(457mm), 20"(508mm), 24"(610mm), 28"(711mm), 30"(762mm),  
32"(813mm), 36"(914mm).

Standard heights for the Sitrine Clad Casement:

12"(305mm), 18"(457mm), 20"(508mm), 24"(610mm), 28"(711mm),  
30"(762mm), 36"(914mm), 42"(1067mm), 48"(1219mm), 54"(1372mm),  
60"(1524mm), 66"(1676mm), 72"(1829mm), 78"(1981mm), 84"(2134mm).

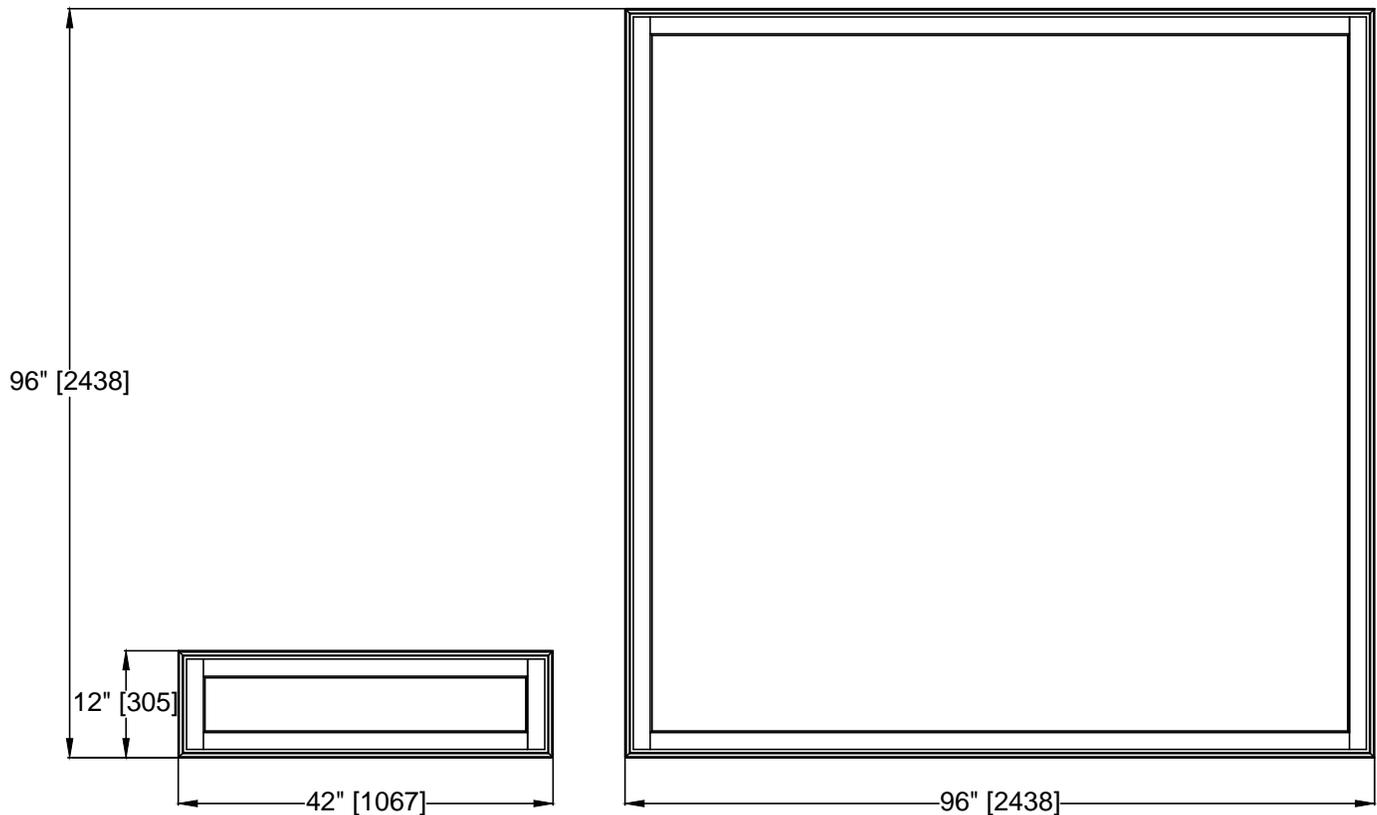
Max Size for Operators: 24" x 84", 30" x 84", (32" x 84") \* , (36" x 78")\*, (36" x 84")\*

\* Limited Operation: Sash Limiter (20 Degree Opening)



MIN-MAX SIZING - PICTURE

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Standard widths for the Sitrine Clad Casement Picture:

42"(1067mm), 48"(1219mm), 54"(1372mm), 60"(1524mm), 66"(1676mm),  
72"(1829mm), 84"(2134mm), 96"(2438mm).

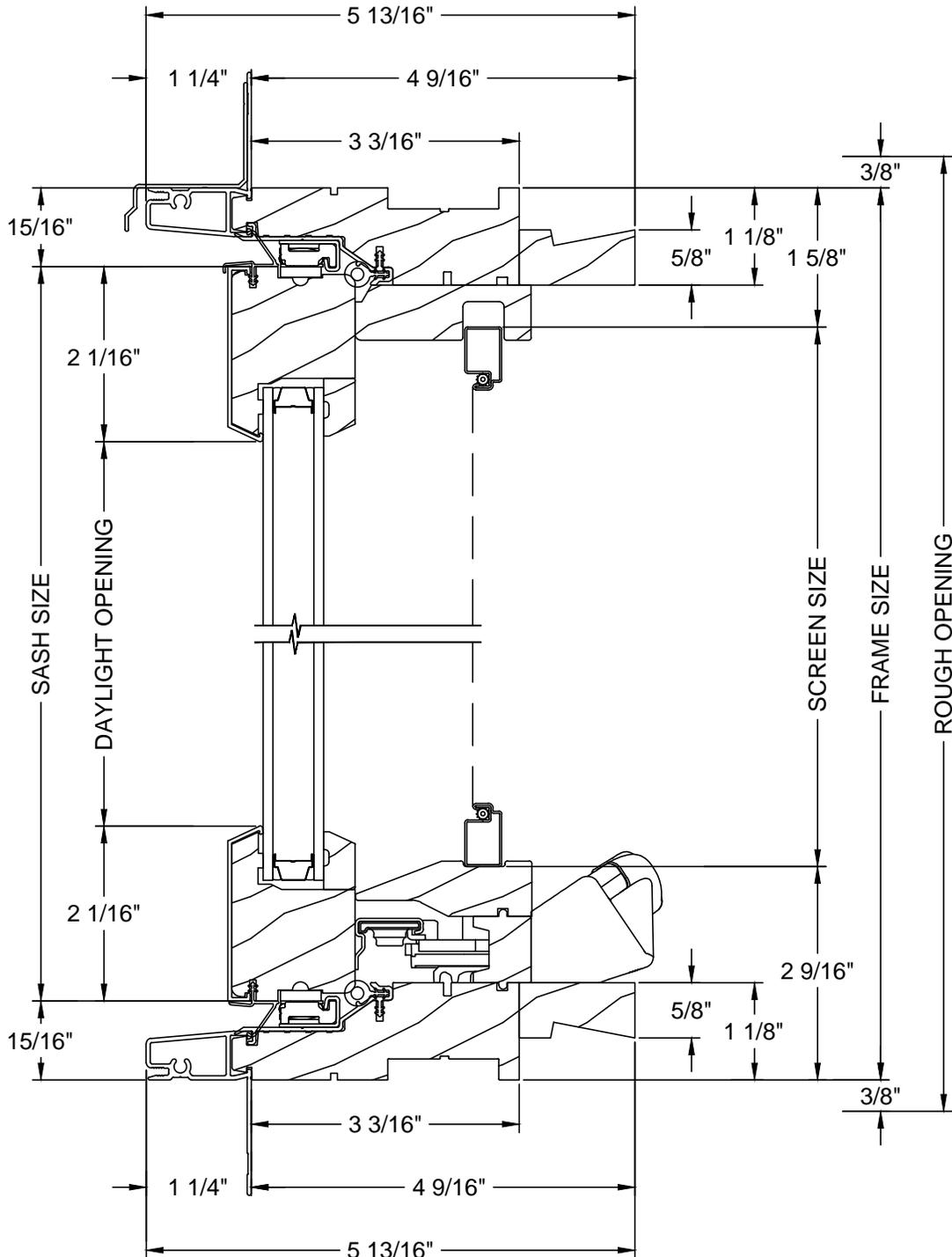
Standard heights for the Sitrine Clad Casement Picture:

12"(305mm), 18"(457mm), 20"(508mm), 24"(610mm), 28"(711mm),  
30"(762mm), 36"(914mm), 42"(1067mm), 48"(1219mm), 54"(1372mm),  
60"(1524mm), 66"(1676mm), 72"(1829mm), 78"(1981mm), 84"(2134mm),  
96"(2438mm).

Note: 50 sq foot Max Frame Size

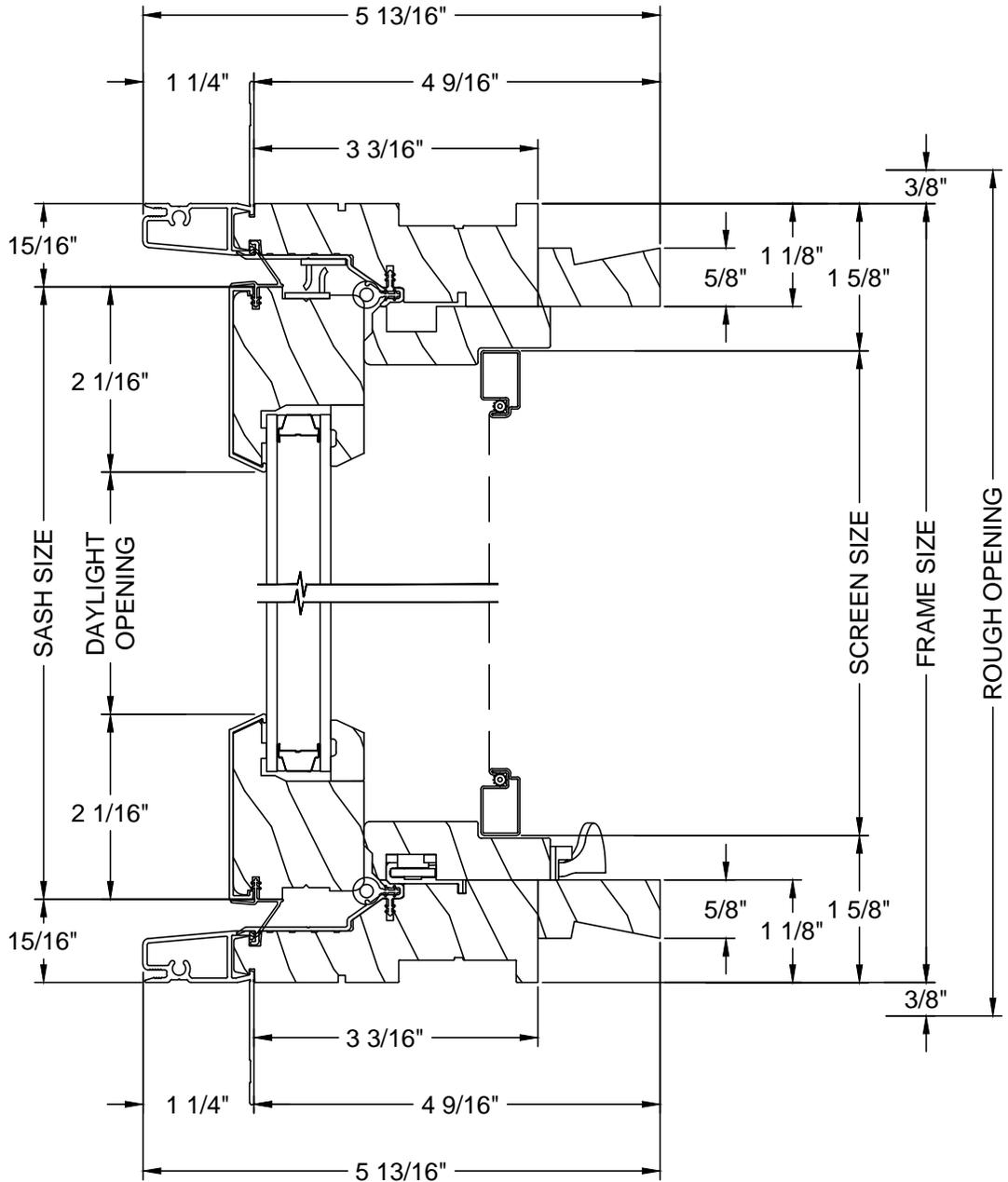


OPERATING - VERTICAL SECTION



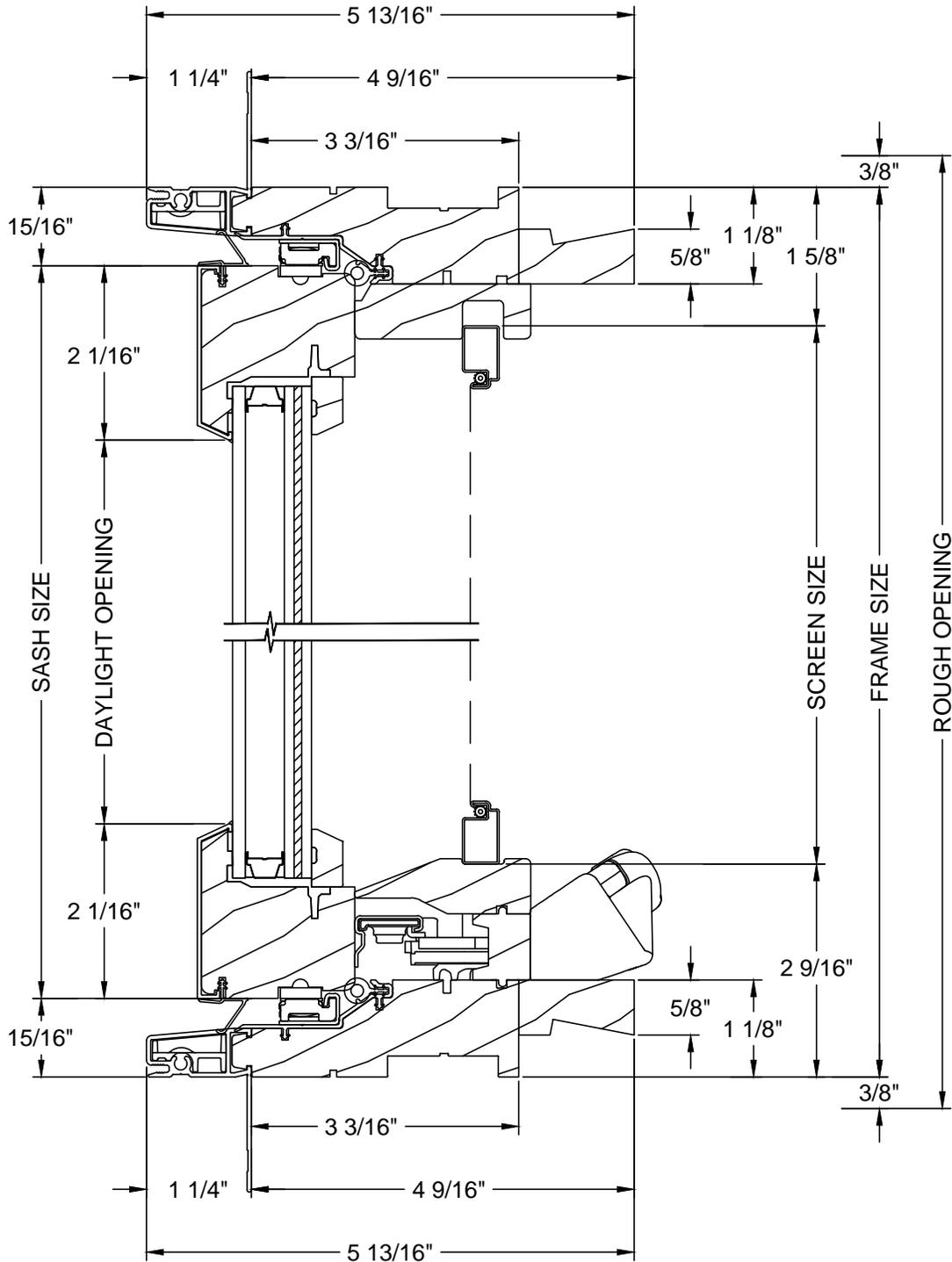


OPERATING - HORIZONTAL SECTION



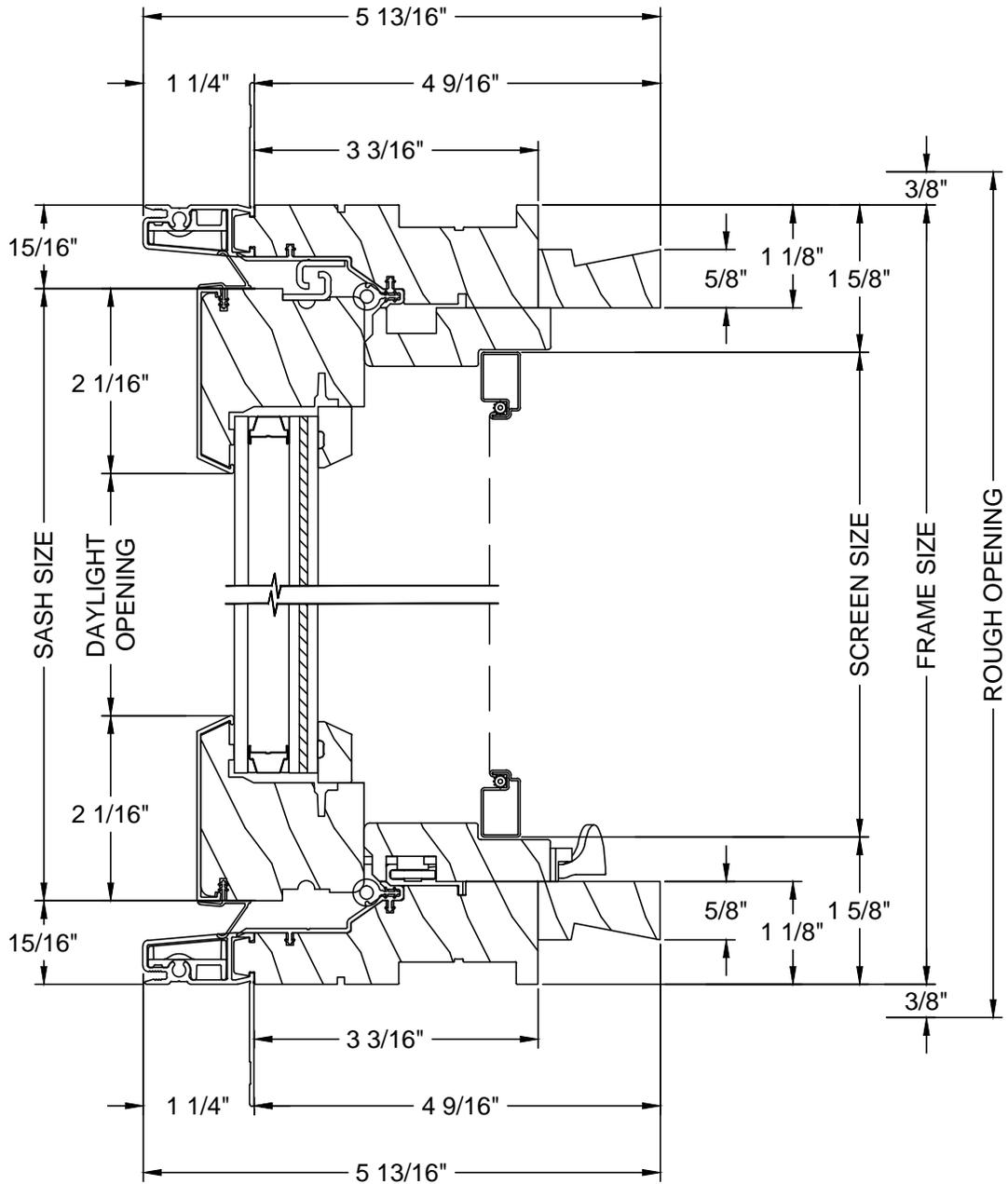


OPERATING IMPACT - VERTICAL SECTION



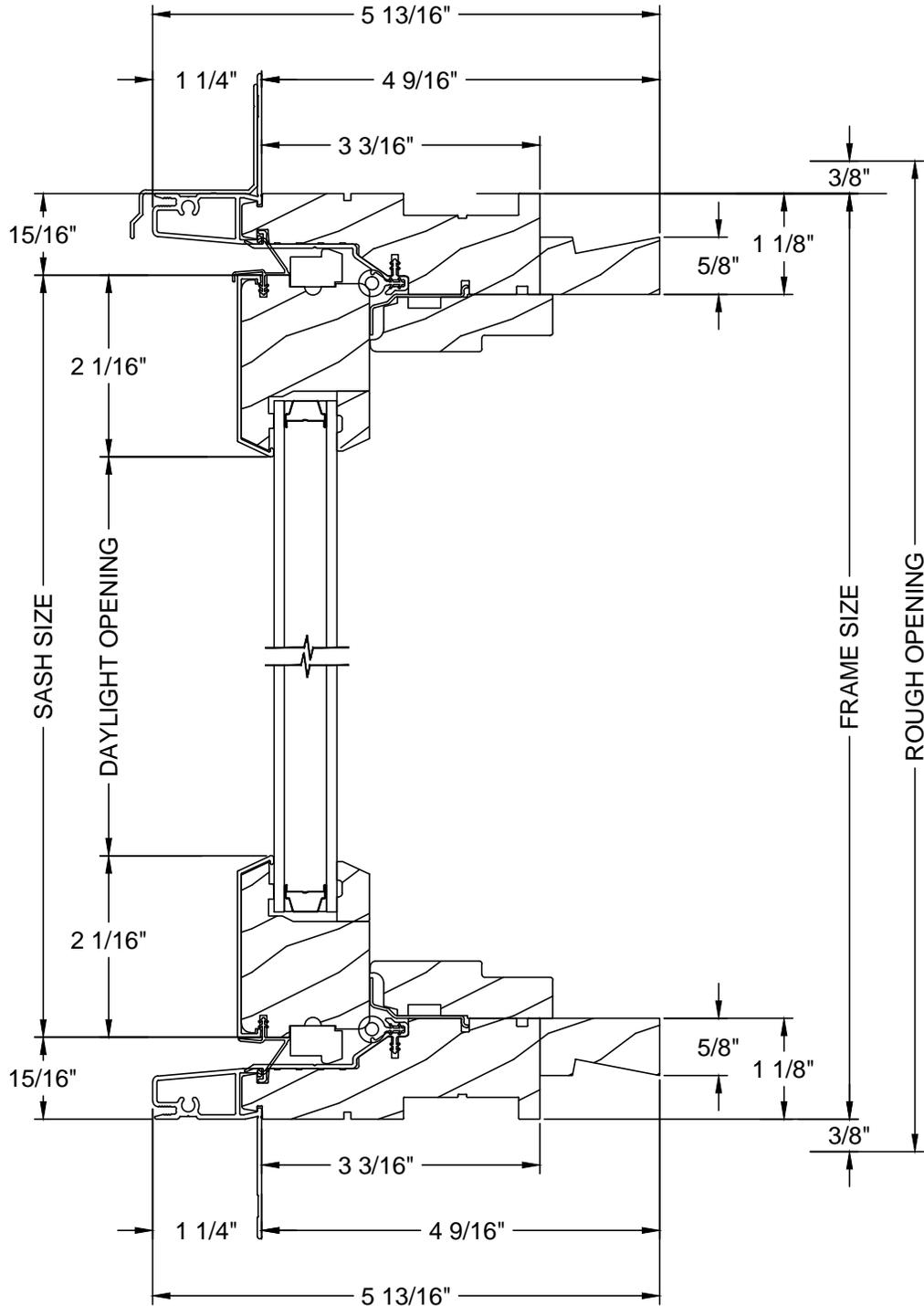


OPERATING IMPACT - HORIZONTAL SECTION





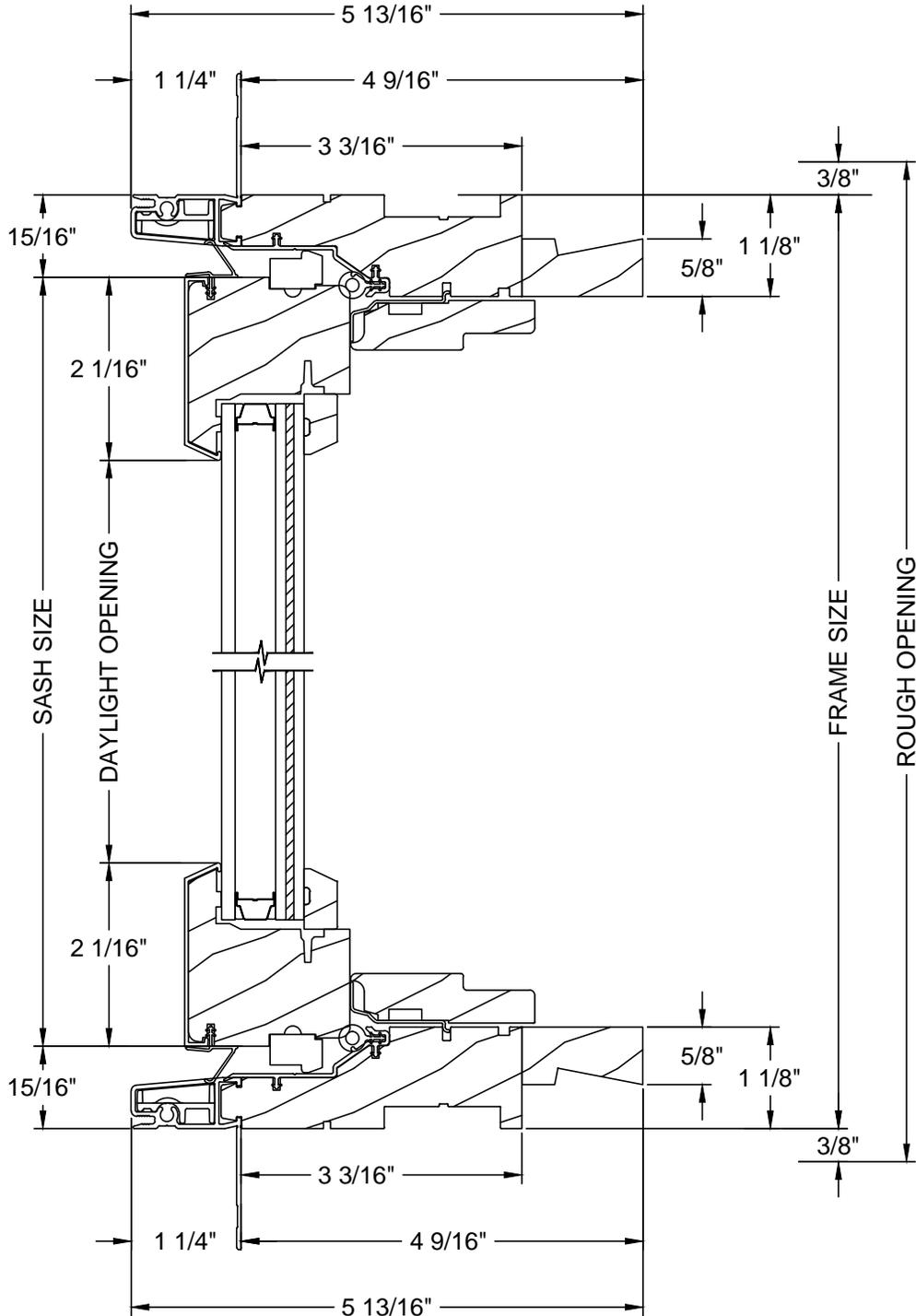
FIXED - VERTICAL SECTION





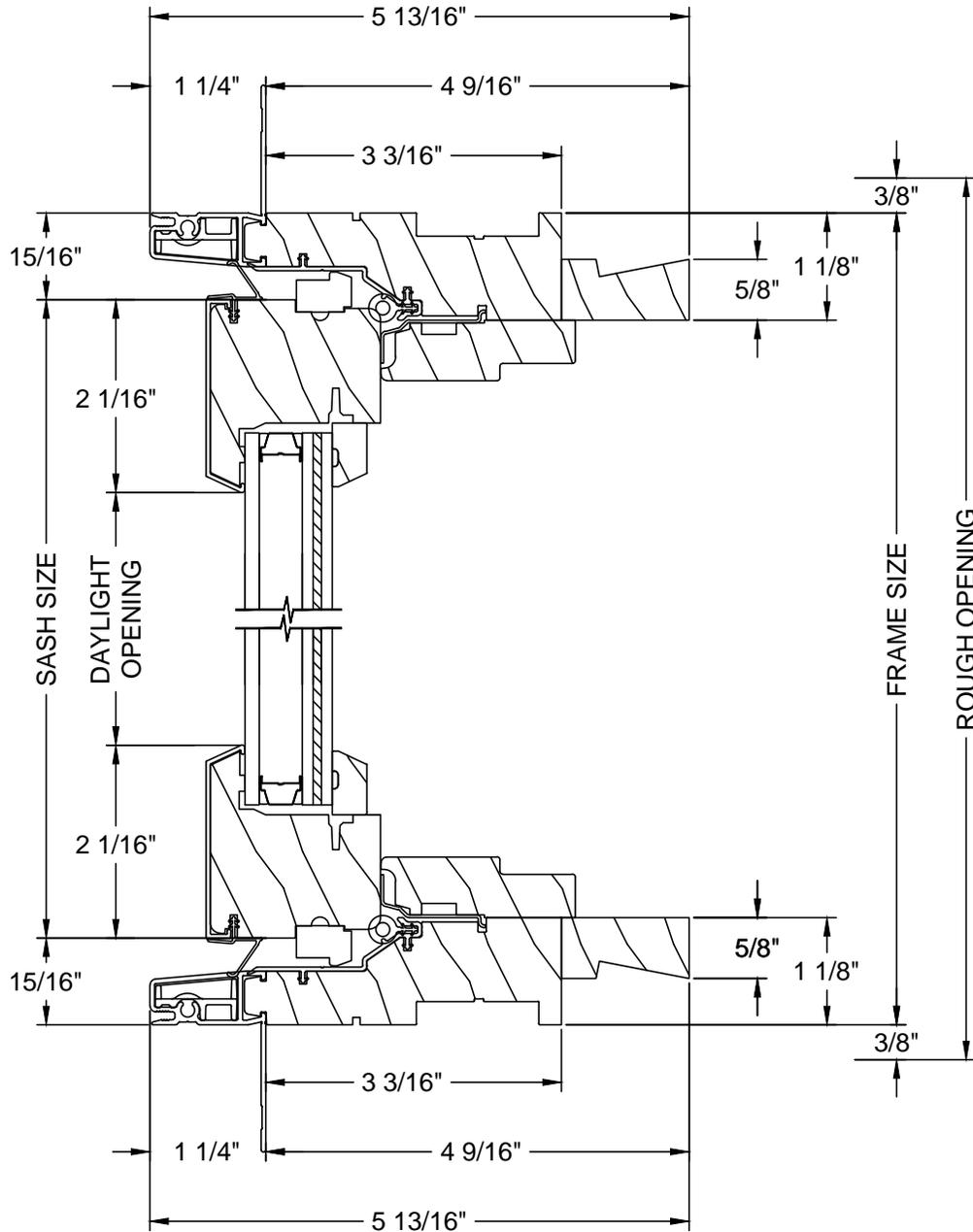


FIXED IMPACT - VERTICAL SECTION



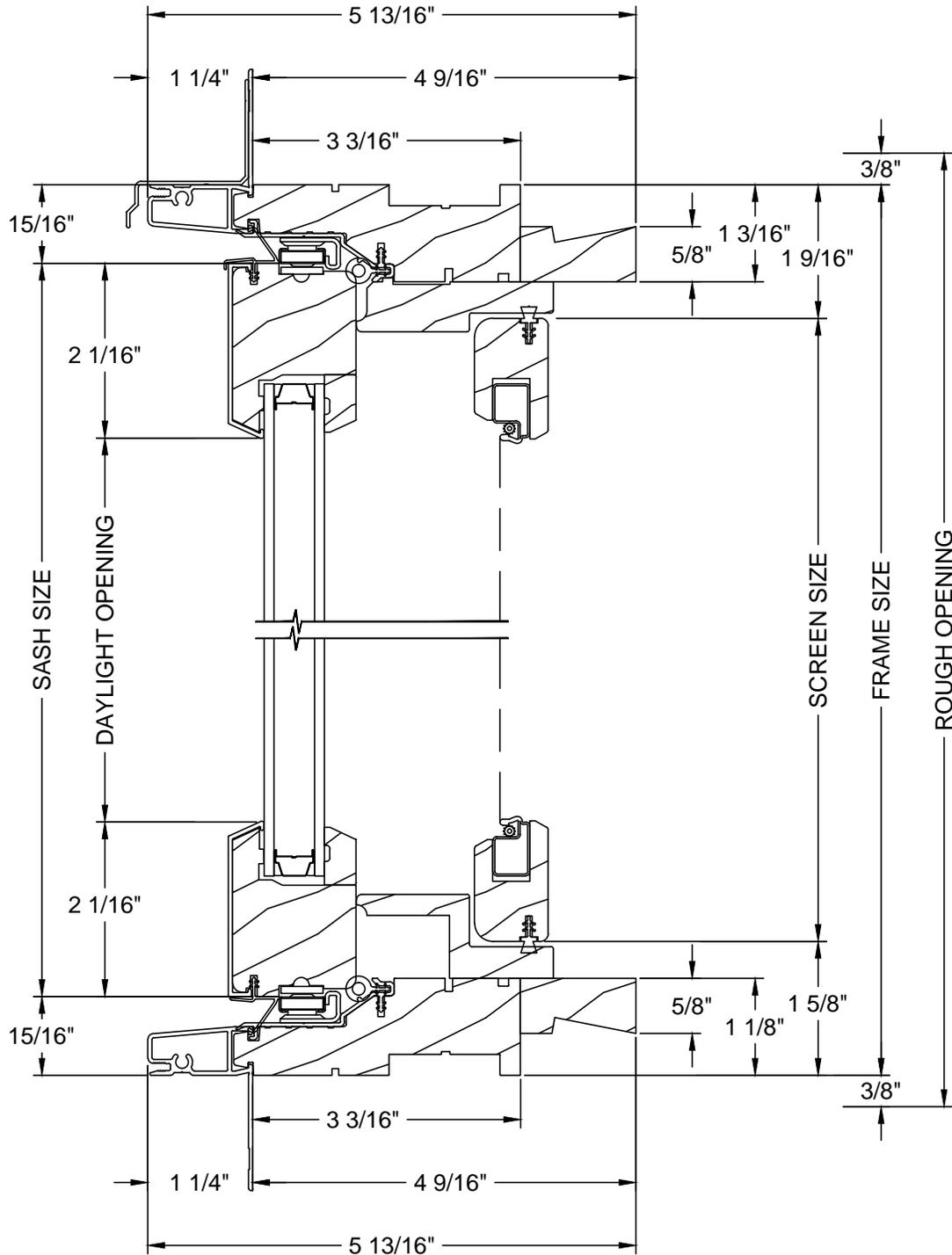


FIXED IMPACT - HORIZONTAL SECTION



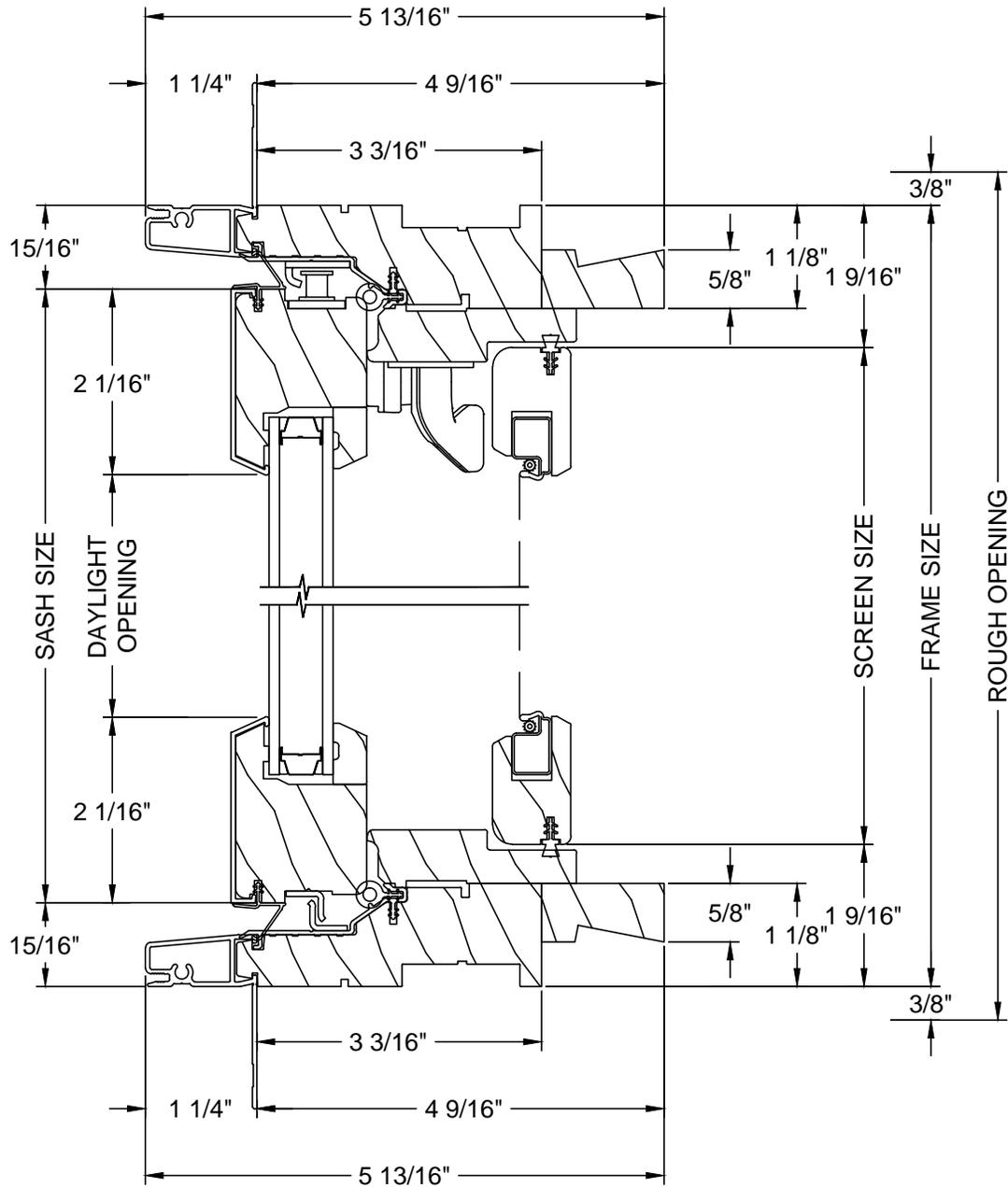


PUSHOUT - VERTICAL SECTION



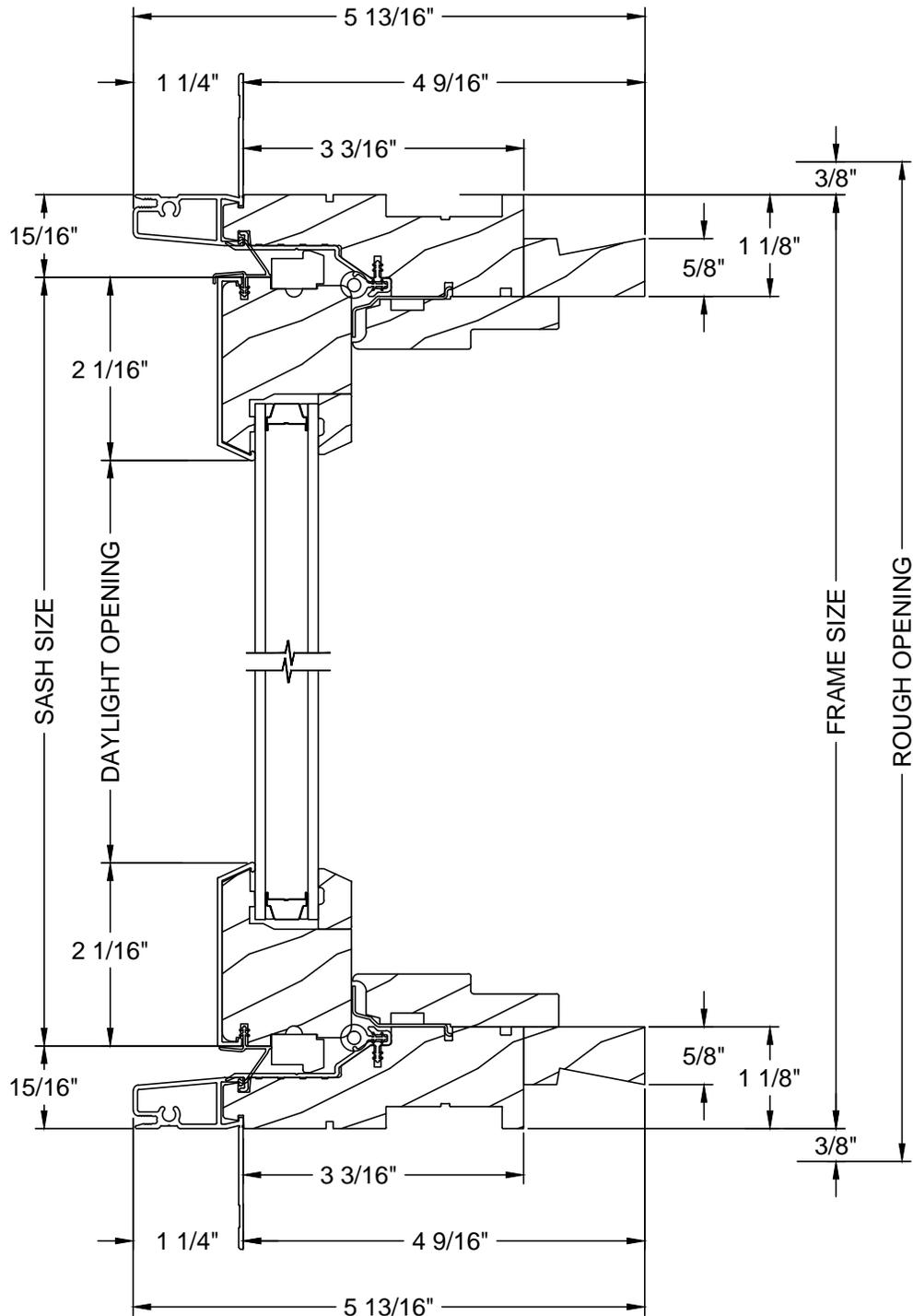


PUSHOUT - HORIZONTAL SECTION



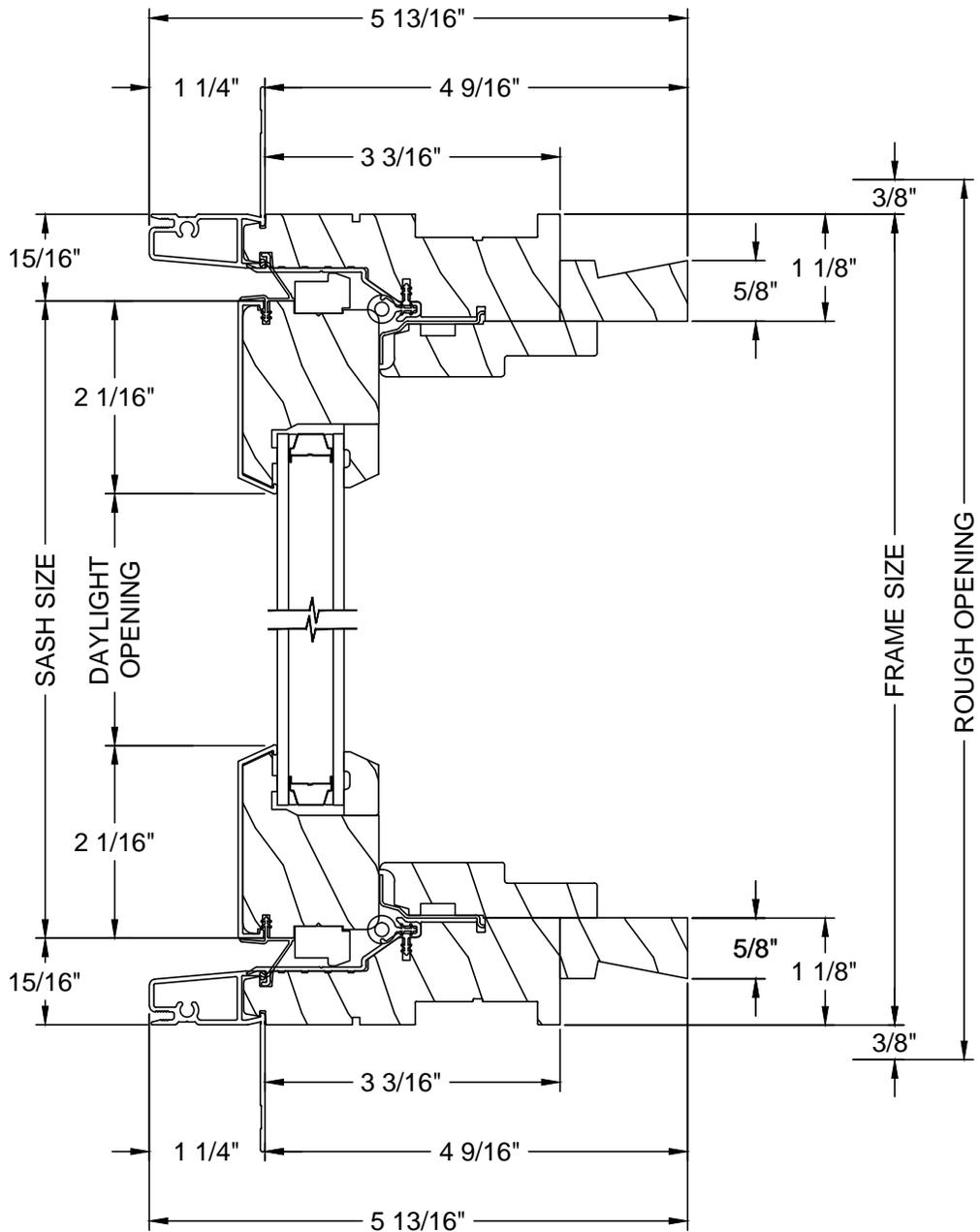


PUSHOUT FIXED - VERTICAL SECTION



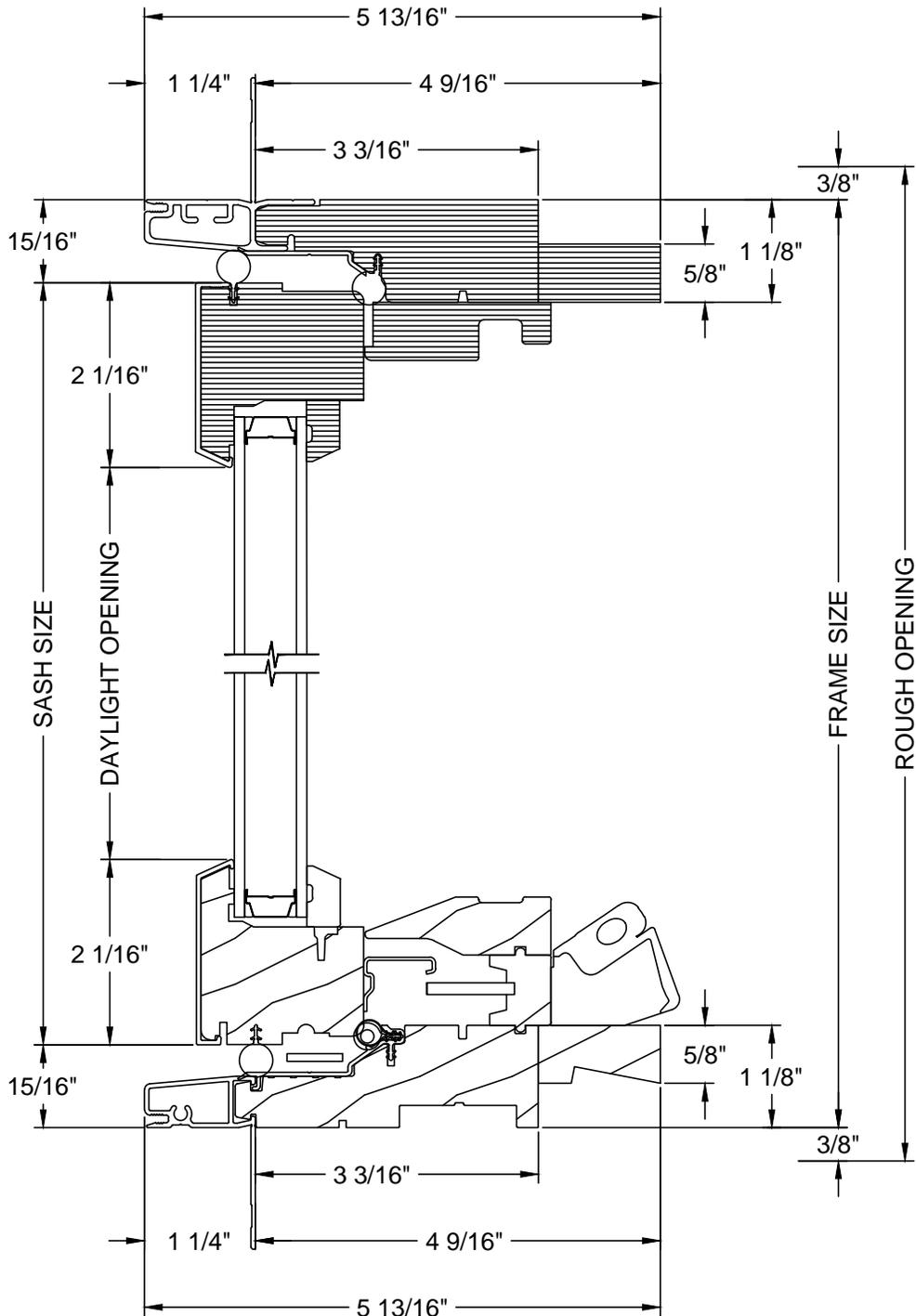


PUSHOUT FIXED - HORIZONTAL SECTION





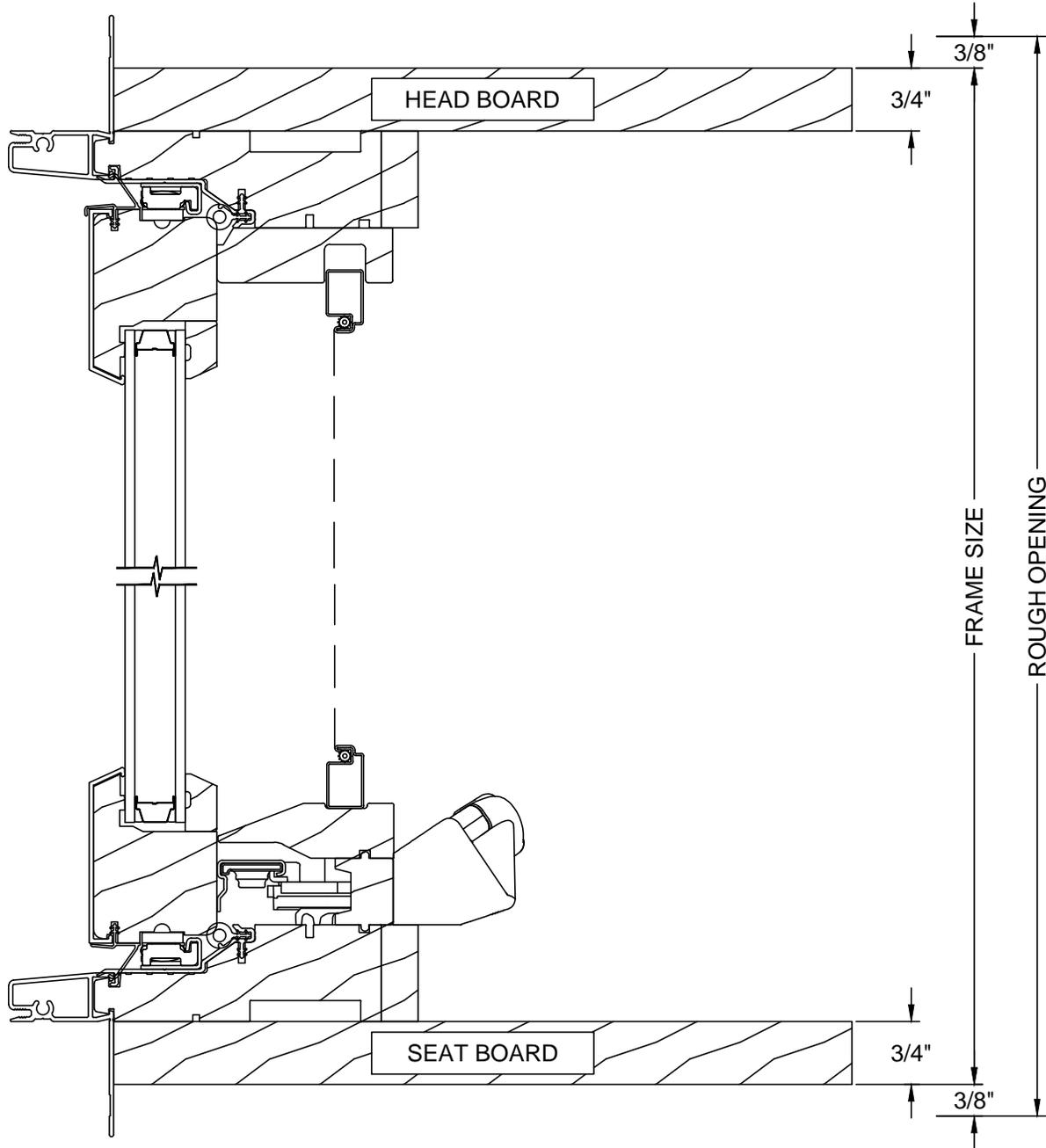
RADIUS TOP - VERTICAL SECTION







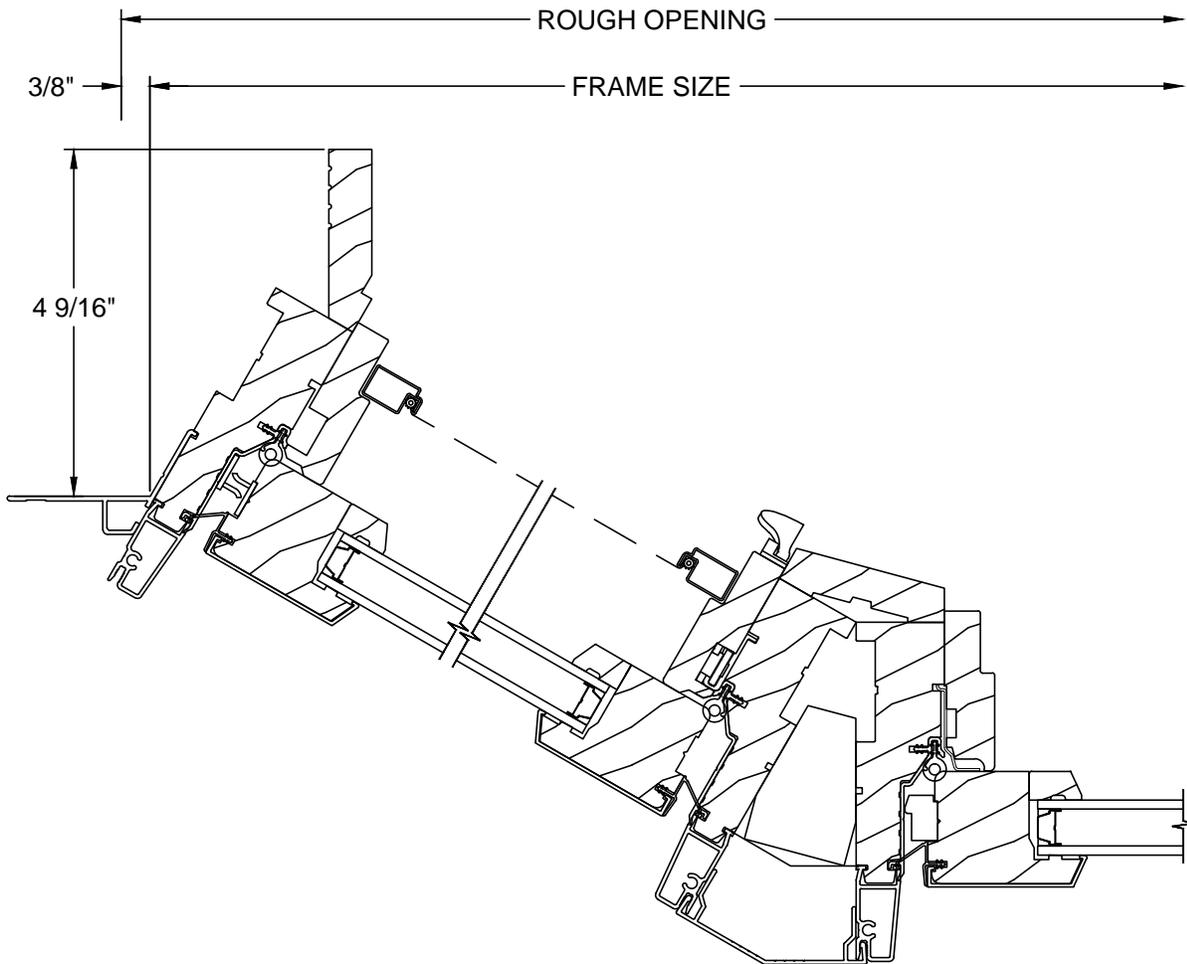
BAY & BOW - VERTICAL SECTION





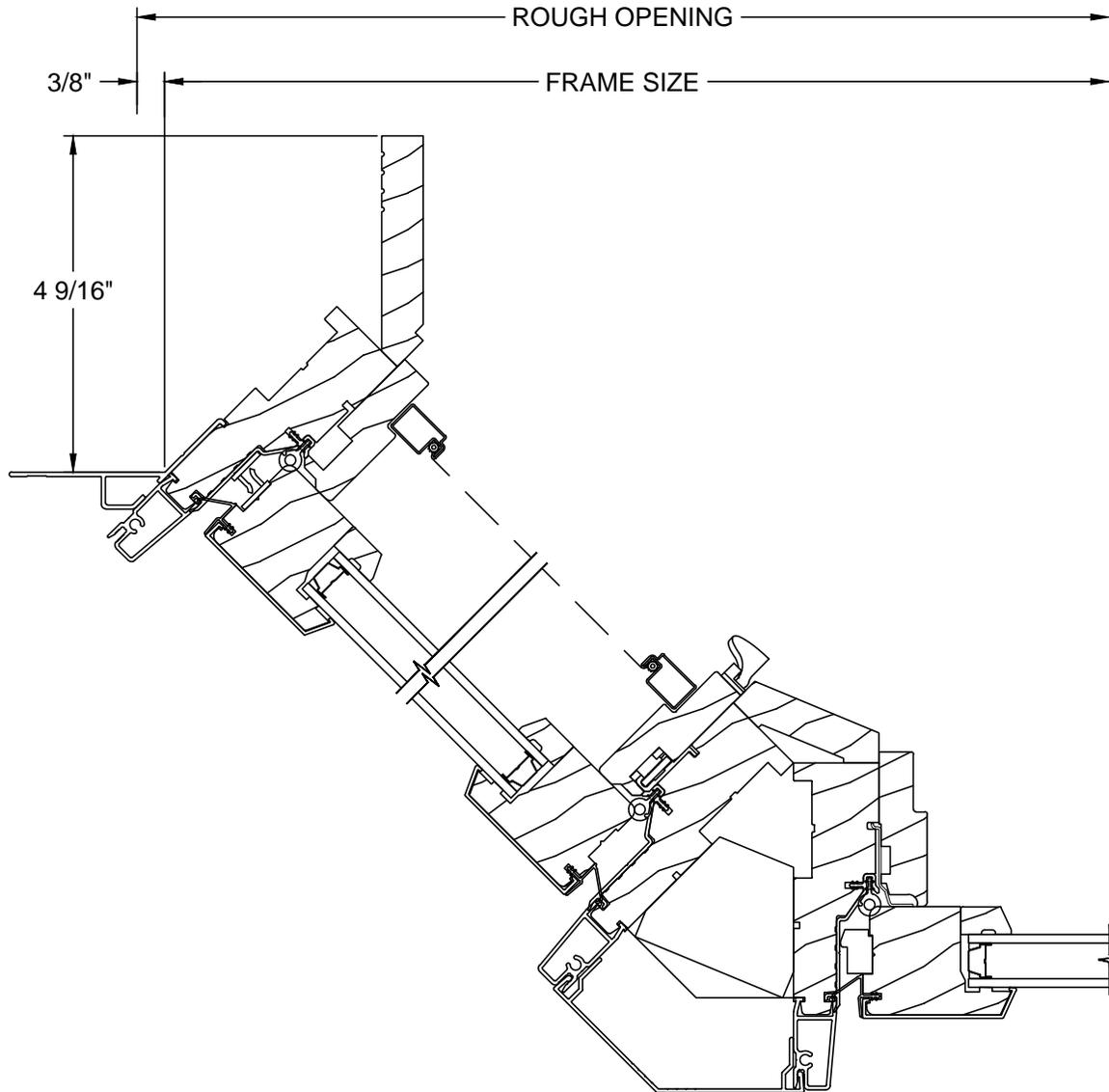
30° BAY - HORIZONTAL SECTION

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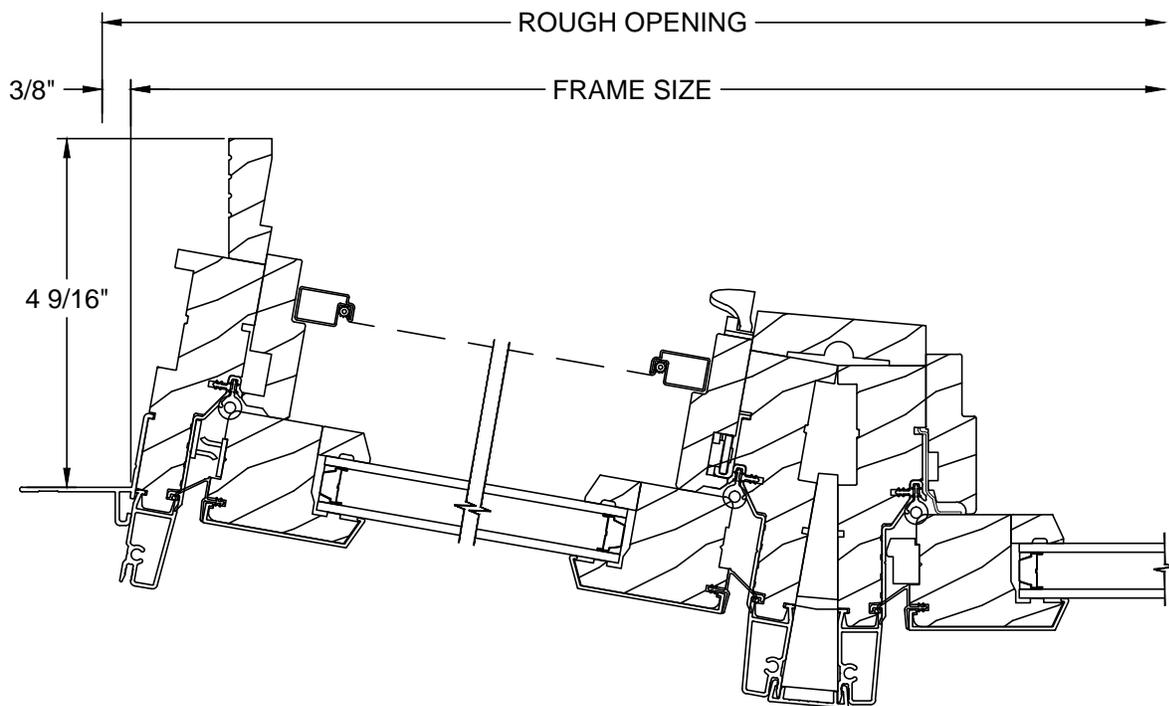
45° BAY - HORIZONTAL SECTION





BOW 3 WIDE - HORIZONTAL SECTION

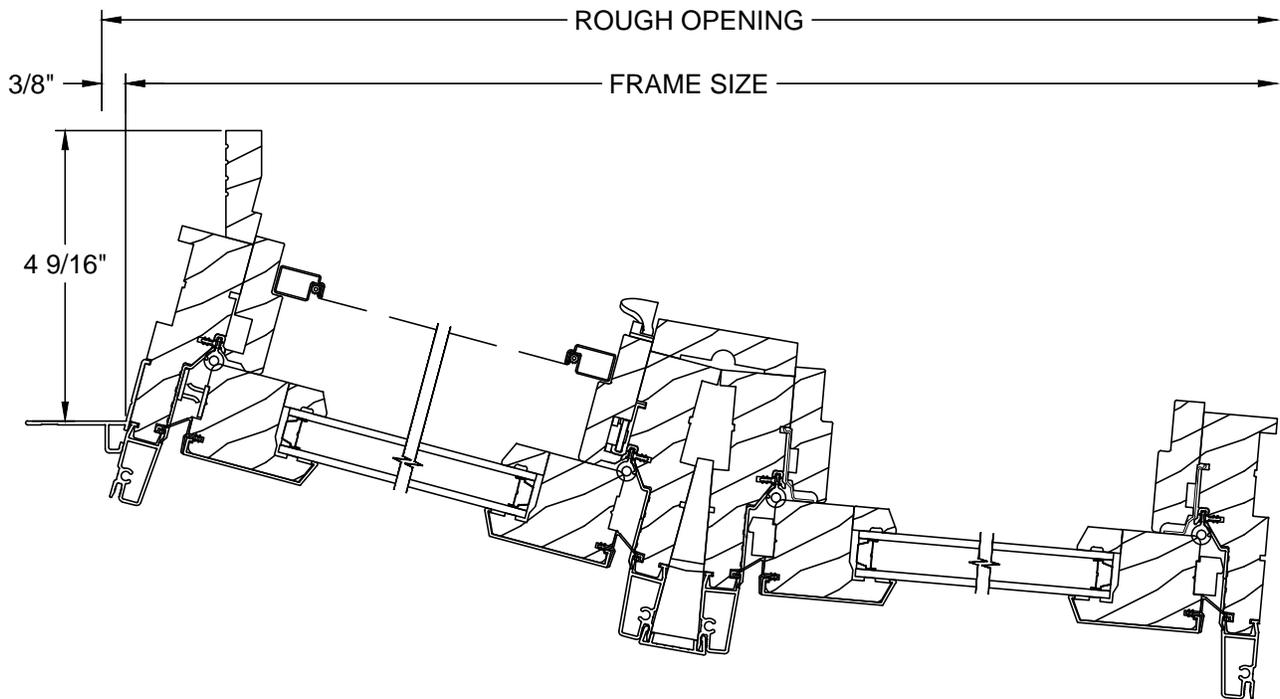
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BOW 4 WIDE - HORIZONTAL SECTION

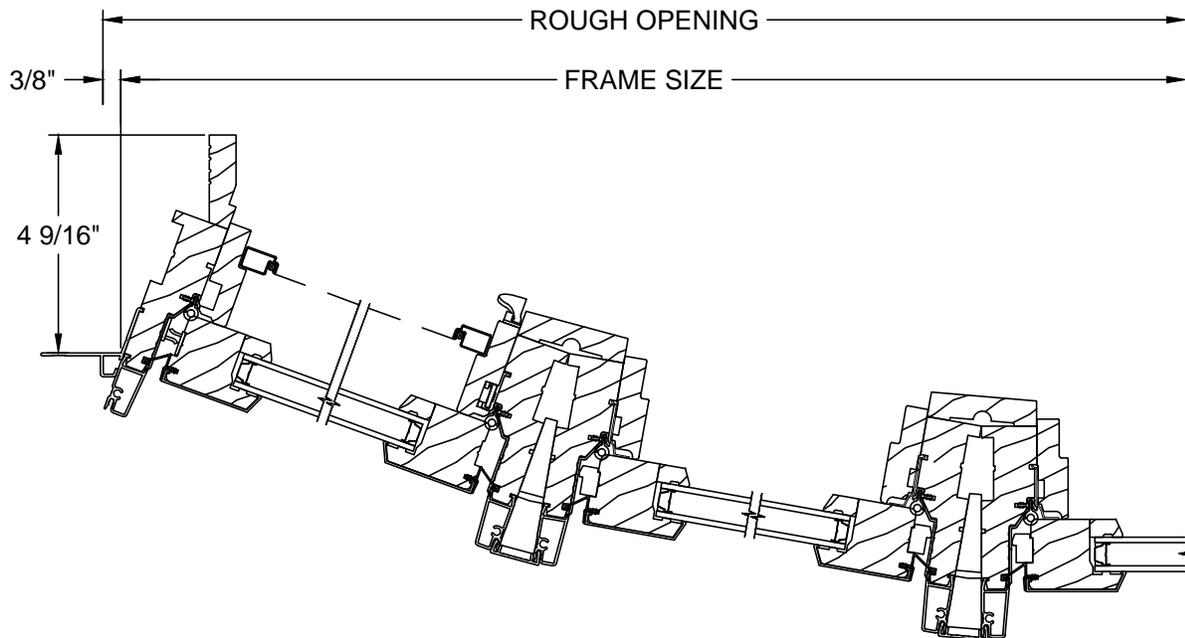
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BOW 5 WIDE - HORIZONTAL SECTION

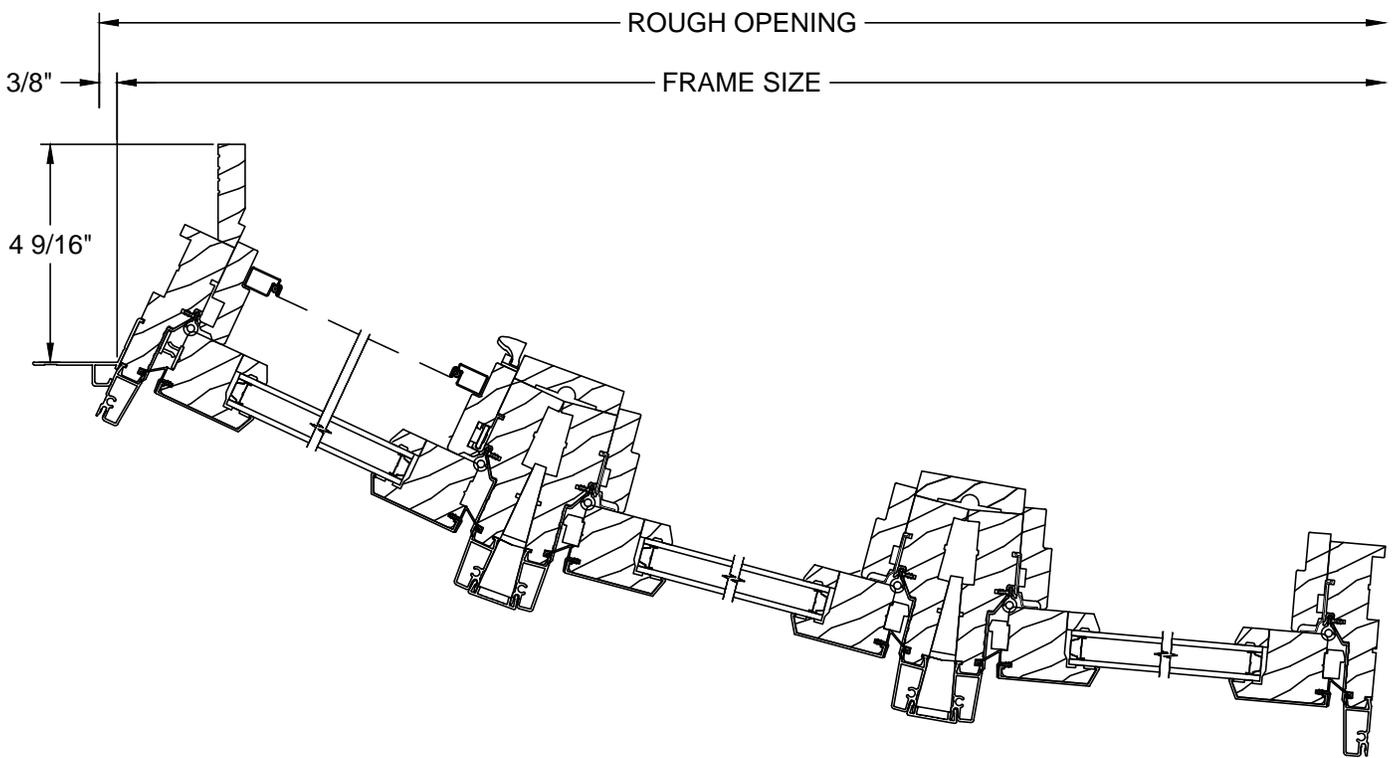
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BOW 6 WIDE - HORIZONTAL SECTION

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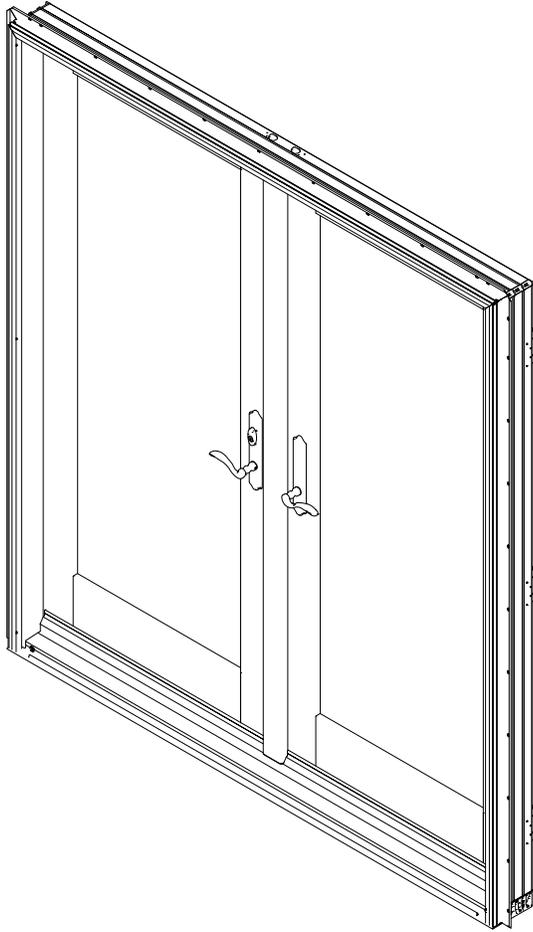
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GENERAL INFORMATION



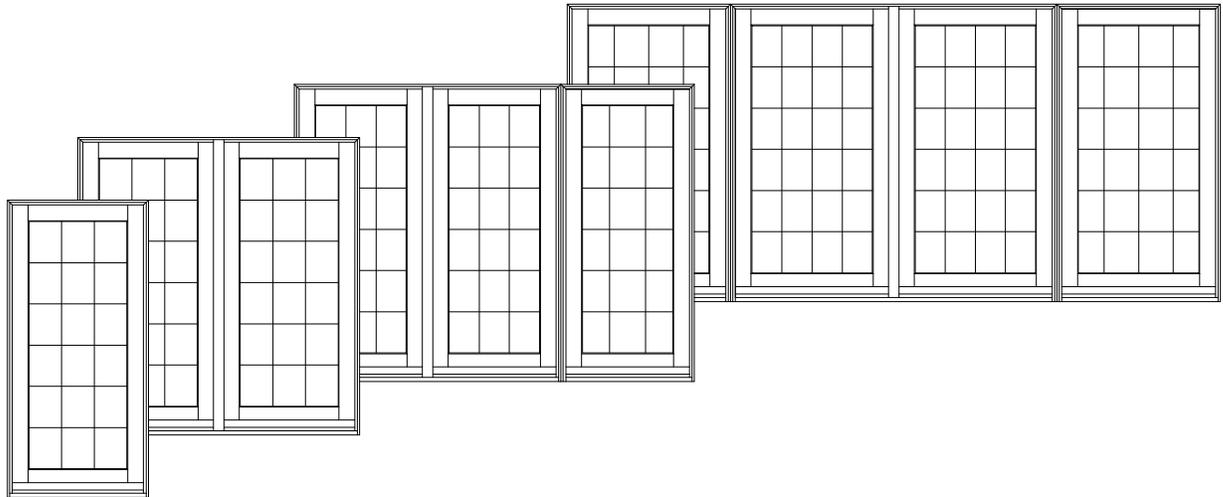
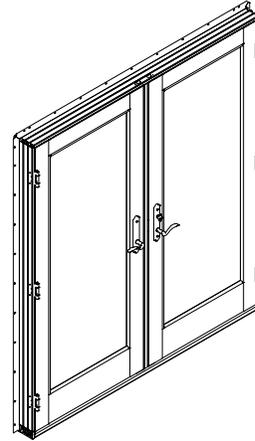
**DIMENSIONAL DOORS**

Siteline Clad Inswing Patio Doors may be specified as "dimensional", by adjusting the desired rough opening width or height in 1/8" increments from standard.

Siteline Clad Inswing Patio Doors are available in single, twin, triple and quad panel doors. The standard size range includes sizes specifically designed for replacement of older patio door models in existing structures, as well as a full range of "true size" products for architectural consistency. Please consult our Quick Quote software for detailed product options and availability.

**OPERATION**

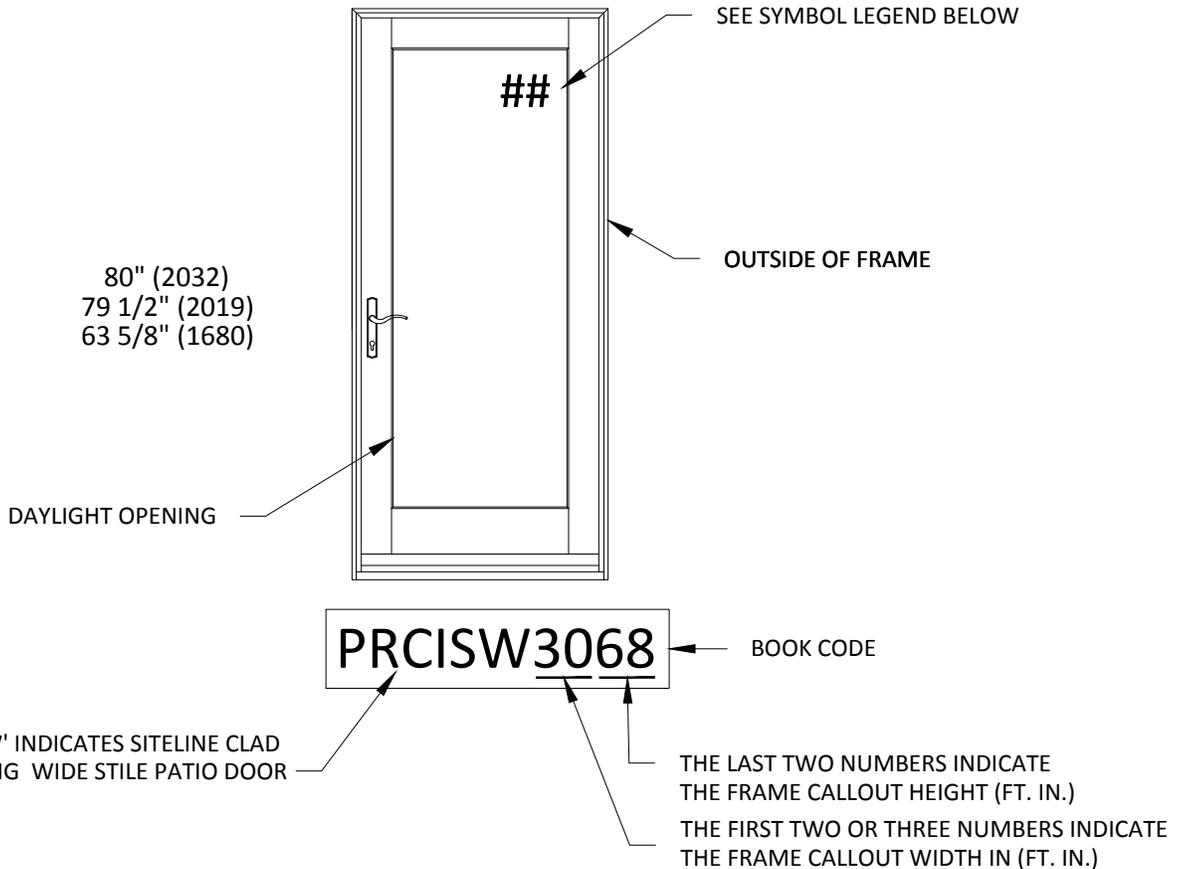
Siteline Clad Inswing Patio Doors are available in a full range of operating styles. Single panel doors may be specified as stationary (non-venting) or can operate left or right. Center swing two-or three-panel doors are available with left or right operation.



ELEVATION NOTES

ELEVATION DRAWINGS UTILIZE A LIMITED NUMBER OF PROJECTED LINES TO PRODUCE A RUDIMENTARY DRAWING INTENDED TO BE USED IN A SMALL GRAPHICAL SCALE. ELEVATIONS ARE VIEWED PERPENDICULAR FROM THE EXTERIOR OF THE STRUCTURE. IF MORE DIMENSIONS ARE NEEDED, USE THE SECTION DRAWINGS FOR MORE COMPLETE DEPICTIONS.

Rough Opening                      36 3/8" (924)  
Frame Size                            35 5/8" (905)  
Daylight Opening                    24 3/16" (614)



**GENERAL SWINGING DOOR NOTES**

1. SITELINE INSWING PATIO DOOR (PRCISW) UNITS ARE AVAILABLE AS OPERATING OR FIXED UNITS.
2. UNIT ELEVATIONS ARE SHOWN WITHOUT EXTERIOR TRIM. UNIT SIZES & MASONRY OPENING DIMENSIONS WILL CHANGE WITH THE ADDITION OF EXTERIOR TRIM. SEE THE 'UNIT SIZING, ROUGH OPENINGS & MASONRY OPENINGS' PAGE FOR EXTERIOR TRIM EFFECTS.
3. OPERATING UNITS ARE AVAILABLE AS LEFT OR RIGHT HAND OPERATION.
4. HANDICAP SILL, 10" BOTTOM RAILS, INTERMEDIATE LOCK RAILS AND RAISED PANELS ARE AVAILABLE FOR ALL UNITS.

**ELEVATION SYMBOL LEGEND**

**##** NUMBER INDICATES PERFORMANCE GRADE (PG) RATING WITH STANDARD GLAZING FOR ALL UNITS EXCLUDING ADA SILL UNITS. NUMBER INDICATES PERFORMANCE GRADE (PG) WITH LIMITED WATER RATING WITH STANDARD GLAZING FOR ADA SILL UNITS.

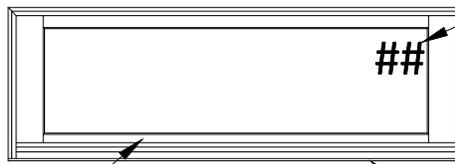
ELEVATION NOTES

ELEVATION DRAWINGS UTILIZE A LIMITED NUMBER OF PROJECTED LINES TO PRODUCE A RUDIMENTARY DRAWING INTENDED TO BE USED IN A SMALL GRAPHICAL SCALE. ELEVATIONS ARE VIEWED PERPENDICULAR FROM THE EXTERIOR OF THE STRUCTURE. IF MORE DIMENSIONS ARE NEEDED, USE THE SECTION DRAWINGS FOR MORE COMPLETE DEPICTIONS.

ROUGH OPENING  
FRAME SIZE  
DAYLIGHT OPENING

72"(1829)  
71 1/4"(1810)  
59 13/16"(1519)

24 3/4"(629)  
24"(610)  
17 5/16"(440)



SEE SYMBOL LEGEND BELOW

DAYLIGHT OPENING

OUTSIDE OF FRAME

**PRCIST6020**

BOOK CODE

'PRCIST' INDICATES SITELINE CLAD  
INSWING PATIO DOOR TRANSOM

THE LAST TWO NUMBERS INDICATE  
THE FRAME CALLOUT HEIGHT (FT. IN.)

THE FIRST TWO OR THREE NUMBERS INDICATE  
THE FRAME CALLOUT WIDTH IN (FT. IN.)

**GENERAL SWINGING DOOR NOTES**

1. SITELINE INSWING PATIO DOOR TRANSOMS (PRCIST) UNITS ARE AVAILABLE AS FIXED UNITS ONLY.

2. UNIT ELEVATIONS ARE SHOWN WITHOUT EXTERIOR TRIM. UNIT SIZES & MASONRY OPENING DIMENSIONS WILL CHANGE WITH THE ADDITION OF EXTERIOR TRIM. SEE THE 'UNIT SIZING, ROUGH OPENINGS & MASONRY OPENINGS' PAGE FOR EXTERIOR TRIM EFFECTS.

**ELEVATION SYMBOL LEGEND**

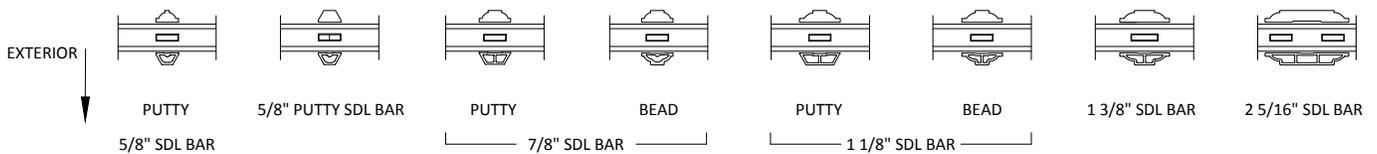
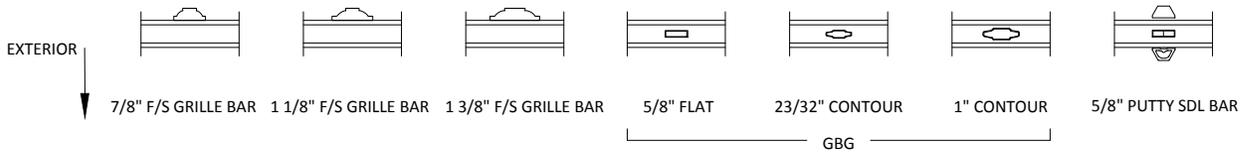
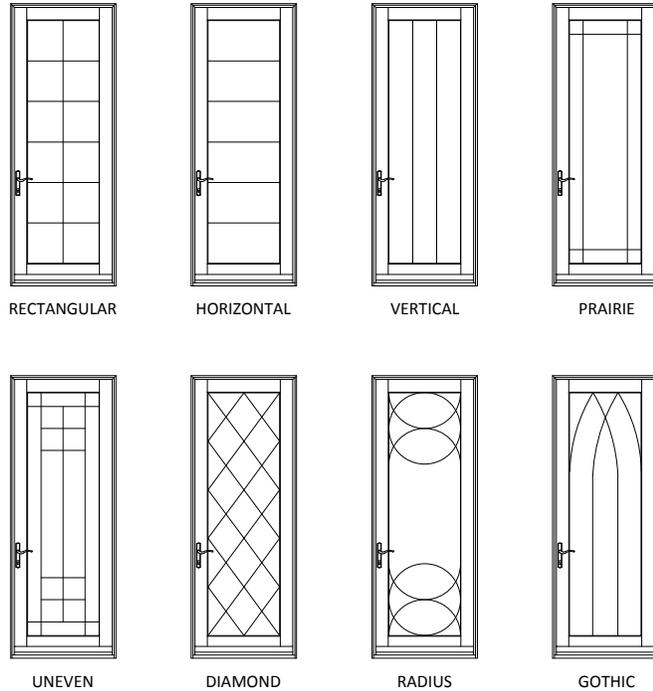
**##** NUMBER INDICATES PERFORMANCE GRADE (PG) RATING WITH STANDARD GLAZING FOR ALL UNITS.

LIGHT CUT INFORMATION

Siteline Clad Inswing Patio Doors are available with full surround removable grilles in 7/8", 1 1/8" and 1 3/8" widths, with grilles between the glass (GBG), or with simulated divided lites (SDL). Standard lite cuts are rectangular, and conform to the layouts noted in the charts on the next page. To use the chart, refer to the appropriate table by the type of patio door and type of bars or grilles the section drawings illustrate. Then simply cross reference the frame height and width to determine the standard lite cut.

**LITE CUT OPTIONS**

Special lite cut patterns can include a wide variety of straight line and radius patterns. The illustrations shown here represent just a few of the possibilities. Rectangular, horizontal, vertical and prairie lite patterns are available in all standard size clad swinging patio doors. Uneven, diamond, radius and gothic lite cuts are available, subject to approval. Approvals are based on the ability to fulfill the design requirement while maintaining the construction integrity of the finished product.



PRCISW	Width Callout									
	1-2	1-4	1-6	2-0	2-6	2-8	3-0	3-2	3-6	3-8
6-8	1W 5H	1W 5H	1W 5H	2W 5H	2W 5H	3W 5H	3W 5H	3W 5H	4W 5H	4W 5H
6-11	1W 5H	1W 5H	1W 5H	2W 5H	2W 5H	3W 5H	3W 5H	3W 5H	4W 5H	4W 5H
7-0T	1W 5H	1W 5H	1W 5H	2W 5H	2W 5H	3W 5H	3W 5H	3W 5H	4W 5H	4W 5H
8-0	1W 6H	1W 6H	1W 6H	2W 6H	2W 6H	3W 6H	3W 6H	3W 6H	4W 6H	4W 6H
8-0T	1W 6H	1W 6H	1W 6H	2W 6H	2W 6H	3W 6H	3W 6H	3W 6H	4W 6H	4W 6H
9-0	1W 7H	1W 7H	1W 7H	2W 7H	2W 7H	3W 7H	3W 7H	3W 7H	4W 7H	4W 7H
10-0	1W 7H	1W 7H	1W 7H	2W 7H	2W 7H	3W 7H	3W 7H	3W 7H	4W 7H	4W 7H

**CLEAR OPENING DESIGN DATA TABLES  
1 & 2 PANEL**

Single Panel									Two Panel [2]								
Unit Number Bookcode	Frame Width	Frame Height	Clear Opening Width	Clear Opening Height [1]	Vent Area Sq. Ft.	Daylight Opening Width	Daylight Opening Height	Daylight Opening Sq. Ft.	Unit Number Bookcode	Frame Width	Frame Height	Clear Opening Width [2]	Clear Opening Height [1]	Vent Area Sq. Ft.	Daylight Opening Width	Daylight Opening Height	Sq. Ft. Daylight Opening
PRCISW2068	23.63	79.50	19.09	76.91	10.20	12.19	63.59	5.38	PRCISW4068	47.25	79.50	40.63	76.91	21.70	24.38	63.59	10.76
PRCISW20611	23.63	82.50	19.09	79.91	10.60	12.19	66.59	5.64	PRCISW40611	47.25	82.50	40.63	79.91	22.54	24.38	66.59	11.27
PRCISW2070T	23.63	86.50	19.09	83.91	11.13	12.19	70.59	5.97	PRCISW4070T	47.25	86.50	40.63	83.91	23.67	24.38	70.59	11.95
PRCISW2080	23.63	95.50	19.09	92.91	12.32	12.19	79.59	6.74	PRCISW4080	47.25	95.50	40.63	92.91	26.21	24.38	79.59	13.47
PRCISW2080T	23.63	98.50	19.09	95.91	12.72	12.19	82.59	6.99	PRCISW4080T	47.25	98.50	40.63	95.91	27.06	24.38	82.59	13.98
PRCISW2090	23.63	107.50	19.09	104.91	13.91	12.19	91.59	7.75	PRCISW4090	47.25	107.50	40.63	104.91	29.60	24.38	91.59	15.50
PRCISW20100	23.63	119.50	19.09	116.91	15.50	12.19	103.59	8.77	PRCISW40100	47.25	119.50	40.63	116.91	32.98	24.38	103.59	17.54
PRCISW2668	29.63	79.50	25.09	76.91	13.40	18.19	63.59	8.03	PRCISW5068	59.25	79.50	52.63	76.91	28.11	36.38	63.59	16.06
PRCISW26611	29.63	82.50	25.09	79.91	13.92	18.19	66.59	8.41	PRCISW50611	59.25	82.50	52.63	79.91	29.20	36.38	66.59	16.82
PRCISW2670T	29.63	86.50	25.09	83.91	14.62	18.19	70.59	8.92	PRCISW5070T	59.25	86.50	52.63	83.91	30.66	36.38	70.59	17.83
PRCISW2680	29.63	95.50	25.09	92.91	16.19	18.19	79.59	10.05	PRCISW5080	59.25	95.50	52.63	92.91	33.95	36.38	79.59	20.11
PRCISW2680T	29.63	98.50	25.09	95.91	16.71	18.19	82.59	10.43	PRCISW5080T	59.25	98.50	52.63	95.91	35.05	36.38	82.59	20.86
PRCISW2690	29.63	107.50	25.09	104.91	18.28	18.19	91.59	11.57	PRCISW5090	59.25	107.50	52.63	104.91	38.34	36.38	91.59	23.14
PRCISW26100	29.63	119.50	25.09	116.91	20.37	18.19	103.59	13.08	PRCISW50100	59.25	119.50	52.63	116.91	42.72	36.38	103.59	26.17
PRCISW2868	31.63	79.50	27.09	76.91	14.47	20.19	63.59	8.92	PRCISW5468	63.25	79.50	56.63	76.91	30.24	40.38	63.59	17.83
PRCISW28611	31.63	82.50	27.09	79.91	15.03	20.19	66.59	9.34	PRCISW54611	63.25	82.50	56.63	79.91	31.42	40.38	66.59	18.67
PRCISW2870T	31.63	86.50	27.09	83.91	15.79	20.19	70.59	9.90	PRCISW5470T	63.25	86.50	56.63	83.91	32.99	40.38	70.59	19.79
PRCISW2880	31.63	95.50	27.09	92.91	17.48	20.19	79.59	11.16	PRCISW5480	63.25	95.50	56.63	92.91	36.53	40.38	79.59	22.32
PRCISW2880T	31.63	98.50	27.09	95.91	18.04	20.19	82.59	11.58	PRCISW5480T	63.25	98.50	56.63	95.91	37.71	40.38	82.59	23.16
PRCISW2890	31.63	107.50	27.09	104.91	19.74	20.19	91.59	12.84	PRCISW5490	63.25	107.50	56.63	104.91	41.25	40.38	91.59	25.68
PRCISW28100	31.63	119.50	27.09	116.91	22.00	20.19	103.59	14.52	PRCISW54100	63.25	119.50	56.63	116.91	45.97	40.38	103.59	29.05
PRCISW3068	35.63	79.50	31.09	76.91	16.61	24.19	63.59	10.68	PRCISW6068	71.25	79.50	64.63	76.91	34.51	48.38	63.59	21.36
PRCISW30611	35.63	82.50	31.09	79.91	17.25	24.19	66.59	11.19	PRCISW60611	71.25	82.50	64.63	79.91	35.86	48.38	66.59	22.37
PRCISW3070T	35.63	86.50	31.09	83.91	18.12	24.19	70.59	11.86	PRCISW6070T	71.25	86.50	64.63	83.91	37.66	48.38	70.59	23.72
PRCISW3080	35.63	95.50	31.09	92.91	20.06	24.19	79.59	13.37	PRCISW6080	71.25	95.50	64.63	92.91	41.69	48.38	79.59	26.74
PRCISW3080T	35.63	98.50	31.09	95.91	20.71	24.19	82.59	13.87	PRCISW6080T	71.25	98.50	64.63	95.91	43.04	48.38	82.59	27.75
PRCISW3090	35.63	107.50	31.09	104.91	22.65	24.19	91.59	15.38	PRCISW6090	71.25	107.50	64.63	104.91	47.08	48.38	91.59	30.77
PRCISW30100	35.63	119.50	31.09	116.91	25.24	24.19	103.59	17.40	PRCISW60100	71.25	119.50	64.63	116.91	52.47	48.38	103.59	34.80
PRCISW3268	37.63	79.50	33.09	76.91	17.67	26.19	63.59	11.57	PRCISW6468	75.25	79.50	68.63	76.91	36.65	52.38	63.59	23.13
PRCISW32611	37.63	82.50	33.09	79.91	18.36	26.19	66.59	12.11	PRCISW64611	75.25	82.50	68.63	79.91	38.08	52.38	66.59	24.22
PRCISW3270T	37.63	86.50	33.09	83.91	19.28	26.19	70.59	12.84	PRCISW6470T	75.25	86.50	68.63	83.91	39.99	52.38	70.59	25.68
PRCISW3280	37.63	95.50	33.09	92.91	21.35	26.19	79.59	14.47	PRCISW6480	75.25	95.50	68.63	92.91	44.28	52.38	79.59	28.95
PRCISW3280T	37.63	98.50	33.09	95.91	22.04	26.19	82.59	15.02	PRCISW6480T	75.25	98.50	68.63	95.91	45.71	52.38	82.59	30.04
PRCISW3290	37.63	107.50	33.09	104.91	24.11	26.19	91.59	16.66	PRCISW6490	75.25	107.50	68.63	104.91	49.99	52.38	91.59	33.31
PRCISW32100	37.63	119.50	33.09	116.91	26.87	26.19	103.59	18.84	PRCISW64100	75.25	119.50	68.63	116.91	55.71	52.38	103.59	37.68
PRCISW3668	41.63	79.50	37.09	76.91	19.81	30.19	63.59	13.33	PRCISW7068	83.25	79.50	76.63	76.91	40.92	60.38	63.59	26.66
PRCISW36611	41.63	82.50	37.09	79.91	20.58	30.19	66.59	13.96	PRCISW70611	83.25	82.50	76.63	79.91	42.52	60.38	66.59	27.92
PRCISW3670T	41.63	86.50	37.09	83.91	21.61	30.19	70.59	14.80	PRCISW7070T	83.25	86.50	76.63	83.91	44.65	60.38	70.59	29.60
PRCISW3680	41.63	95.50	37.09	92.91	23.93	30.19	79.59	16.69	PRCISW7080	83.25	95.50	76.63	92.91	49.44	60.38	79.59	33.37
PRCISW3680T	41.63	98.50	37.09	95.91	24.71	30.19	82.59	17.31	PRCISW7080T	83.25	98.50	76.63	95.91	51.03	60.38	82.59	34.63
PRCISW3690	41.63	107.50	37.09	104.91	27.02	30.19	91.59	19.20	PRCISW7090	83.25	107.50	76.63	104.91	55.82	60.38	91.59	38.40
PRCISW36100	41.63	119.50	37.09	116.91	30.11	30.19	103.59	21.72	PRCISW70100	83.25	119.50	76.63	116.91	62.21	60.38	103.59	43.43
PRCISW3868	43.63	79.50	39.09	76.91	20.88	32.19	63.59	14.21	PRCISW7468	87.25	79.50	80.63	76.91	43.06	64.38	63.59	28.43
PRCISW38611	43.63	82.50	39.09	79.91	21.69	32.19	66.59	14.89	PRCISW74611	87.25	82.50	80.63	79.91	44.74	64.38	66.59	29.77
PRCISW3870T	43.63	86.50	39.09	83.91	22.78	32.19	70.59	15.78	PRCISW7470T	87.25	86.50	80.63	83.91	46.98	64.38	70.59	31.56
PRCISW3880	43.63	95.50	39.09	92.91	25.22	32.19	79.59	17.79	PRCISW7480	87.25	95.50	80.63	92.91	52.02	64.38	79.59	35.58
PRCISW3880T	43.63	98.50	39.09	95.91	26.04	32.19	82.59	18.46	PRCISW7480T	87.25	98.50	80.63	95.91	53.70	64.38	82.59	36.92
PRCISW3890	43.63	107.50	39.09	104.91	28.48	32.19	91.59	20.47	PRCISW7490	87.25	107.50	80.63	104.91	59.03	64.38	91.59	41.00
PRCISW38100	43.63	119.50	39.09	116.91	31.74	32.19	103.59	23.16	PRCISW74100	87.25	119.50	80.63	116.91	65.70	64.38	103.59	46.30

Venting Sidelight								
Unit Number Bookcode	Frame Width	Frame Height	Clear Opening Width	Clear Opening Height	Vent Area Sq. Ft.	Daylight Opening Width	Daylight Opening Height	Sq. Ft. Daylight Opening
PRCISW1268	14.63	79.50	10.02	76.84	5.35	7.94	63.59	3.51
PRCISW12611	14.63	82.50	10.02	79.84	5.56	7.94	66.59	3.67
PRCISW1270T	14.63	86.50	10.02	83.84	5.84	7.94	70.59	3.89
PRCISW1280	14.63	95.50	10.02	92.84	6.46	7.94	79.59	4.39
PRCISW1468	16.63	79.50	12.02	76.84	6.42	9.94	63.59	4.39
PRCISW14611	16.63	82.50	12.02	79.84	6.67	9.94	66.59	4.60
PRCISW1470T	16.63	86.50	12.02	83.84	7.00	9.94	70.59	4.87
PRCISW1480	16.63	95.50	12.02	92.84	7.75	9.94	79.59	5.49
PRCISW1668	18.63	79.50	14.02	76.84	7.48	11.94	63.59	5.27
PRCISW16611	18.63	82.50	14.02	79.84	7.78	11.94	66.59	5.52
PRCISW1670T	18.63	86.50	14.02	83.84	8.16	11.94	70.59	5.85
PRCISW1680	18.63	95.50	14.02	92.84	9.04	11.94	79.59	6.60

Notes:

[1] Assumes PG35 Sill, subtract 5/8" for PG50 Sill

[2] Assumes a French Door configuration

[3] Assumes a configuration with a French Door and a single flanking stationary panel

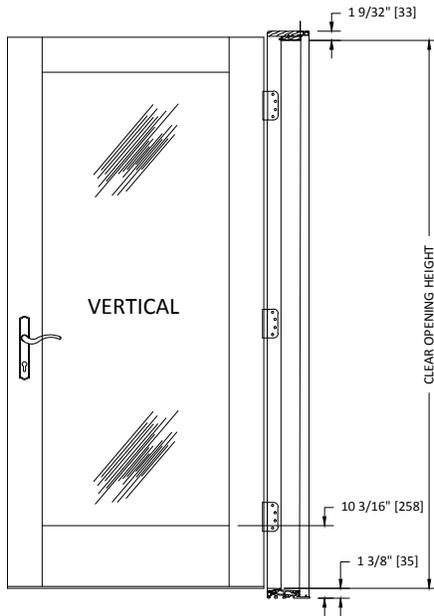
[4] Assumes a configuration with a French Door and two flanking stationary panels

**CLEAR OPENING DESIGN DATA TABLES**  
**3 & 4 PANEL**

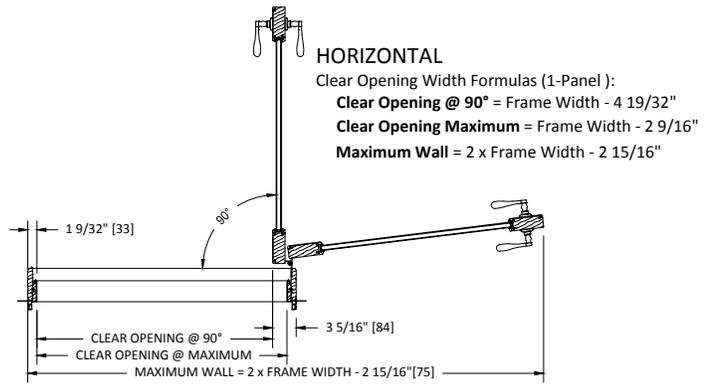
Three Panel [3]									Four Panel [4]								
Unit Number Bookcode	Frame Width	Frame Height	Clear Opening Width [3]	Clear Opening Height [1]	Vent Area Sq. Ft.	Daylight Opening Width	Daylight Opening Height	Sq. Ft. Daylight Opening	Unit Number Bookcode	Frame Width	Frame Height	Clear Opening Width [4]	Clear Opening Height [1]	Vent Area Sq. Ft.	Daylight Opening Width	Daylight Opening Height	Sq. Ft. Daylight Opening
PRCISW6068-3	70.88	79.50	40.63	76.91	21.70	36.56	63.59	16.15	PRCISW8068-4	94.50	79.50	40.63	76.91	21.70	48.75	63.59	21.53
PRCISW60611-3	70.88	82.50	40.63	79.91	22.54	36.56	66.59	16.91	PRCISW80611-4	94.50	82.50	40.63	79.91	22.54	48.75	66.59	22.54
PRCISW6070T-3	70.88	86.50	40.63	83.91	23.67	36.56	70.59	17.92	PRCISW8070T-4	94.50	86.50	40.63	83.91	23.67	48.75	70.59	23.90
PRCISW6080-3	70.88	95.50	40.63	92.91	26.21	36.56	79.59	20.21	PRCISW8080-4	94.50	95.50	40.63	92.91	26.21	48.75	79.59	26.95
PRCISW6080T-3	70.88	98.50	40.63	95.91	27.06	36.56	82.59	20.97	PRCISW8080T-4	94.50	98.50	40.63	95.91	27.06	48.75	82.59	27.96
PRCISW6090-3	70.88	107.50	40.63	104.91	29.60	36.56	91.59	23.26	PRCISW8090-4	94.50	107.50	40.63	104.91	29.60	48.75	91.59	31.01
PRCISW60100-3	70.88	119.50	40.63	116.91	32.98	36.56	103.59	26.30	PRCISW80100-4	94.50	119.50	40.63	116.91	32.98	48.75	103.59	35.07
PRCISW7668-3	88.88	79.50	52.63	76.91	28.11	54.56	63.59	24.10	PRCISW10068-4	118.50	79.50	52.63	76.91	28.11	72.75	63.59	32.13
PRCISW76611-3	88.88	82.50	52.63	79.91	29.20	54.56	66.59	25.23	PRCISW100611-4	118.50	82.50	52.63	79.91	29.20	72.75	66.59	33.64
PRCISW7670T-3	88.88	86.50	52.63	83.91	30.66	54.56	70.59	26.75	PRCISW10070T-4	118.50	86.50	52.63	83.91	30.66	72.75	70.59	35.66
PRCISW7680-3	88.88	95.50	52.63	92.91	33.95	54.56	79.59	30.16	PRCISW10080-4	118.50	95.50	52.63	92.91	33.95	72.75	79.59	40.21
PRCISW7680T-3	88.88	98.50	52.63	95.91	35.05	54.56	82.59	31.30	PRCISW10080T-4	118.50	98.50	52.63	95.91	35.05	72.75	82.59	41.73
PRCISW7690-3	88.88	107.50	52.63	104.91	38.34	54.56	91.59	34.71	PRCISW10090-4	118.50	107.50	52.63	104.91	38.34	72.75	91.59	46.27
PRCISW76100-3	88.88	119.50	52.63	116.91	42.72	54.56	103.59	39.25	PRCISW100100-4	118.50	119.50	52.63	116.91	42.72	72.75	103.59	52.34
PRCISW8068-3	94.88	79.50	56.63	76.91	30.24	60.56	63.59	26.75	PRCISW10668-4	126.50	79.50	56.63	76.91	30.24	80.75	63.59	35.66
PRCISW80611-3	94.88	82.50	56.63	79.91	31.42	60.56	66.59	28.01	PRCISW106611-4	126.50	82.50	56.63	79.91	31.42	80.75	66.59	37.34
PRCISW8070T-3	94.88	86.50	56.63	83.91	32.99	60.56	70.59	29.69	PRCISW10670T-4	126.50	86.50	56.63	83.91	32.99	80.75	70.59	39.59
PRCISW8080-3	94.88	95.50	56.63	92.91	36.53	60.56	79.59	33.47	PRCISW10680-4	126.50	95.50	56.63	92.91	36.53	80.75	79.59	44.63
PRCISW8080T-3	94.88	98.50	56.63	95.91	37.71	60.56	82.59	34.74	PRCISW10680T-4	126.50	98.50	56.63	95.91	37.71	80.75	82.59	46.32
PRCISW8090-3	94.88	107.50	56.63	104.91	41.25	60.56	91.59	38.52	PRCISW10690-4	126.50	107.50	56.63	104.91	41.25	80.75	91.59	51.36
PRCISW80100-3	94.88	119.50	56.63	116.91	45.97	60.56	103.59	43.57	PRCISW106100-4	126.50	119.50	56.63	116.91	45.97	80.75	103.59	58.09
PRCISW9068-3	106.88	79.50	64.63	76.91	34.51	72.56	63.59	32.05	PRCISW12068-4	142.50	79.50	64.63	76.91	34.51	96.75	63.59	42.73
PRCISW90611-3	106.88	82.50	64.63	79.91	35.86	72.56	66.59	33.56	PRCISW120611-4	142.50	82.50	64.63	79.91	35.86	96.75	66.59	44.74
PRCISW9070T-3	106.88	86.50	64.63	83.91	37.66	72.56	70.59	35.57	PRCISW12070T-4	142.50	86.50	64.63	83.91	37.66	96.75	70.59	47.43
PRCISW9080-3	106.88	95.50	64.63	92.91	41.69	72.56	79.59	40.11	PRCISW12080-4	142.50	95.50	64.63	92.91	41.69	96.75	79.59	53.48
PRCISW9080T-3	106.88	98.50	64.63	95.91	43.04	72.56	82.59	41.62	PRCISW12080T-4	142.50	98.50	64.63	95.91	43.04	96.75	82.59	55.49
PRCISW9090-3	106.88	107.50	64.63	104.91	47.08	72.56	91.59	46.15	PRCISW12090-4	142.50	107.50	64.63	104.91	47.08	96.75	91.59	61.54
PRCISW90100-3	106.88	119.50	64.63	116.91	52.47	72.56	103.59	52.20	PRCISW120100-4	142.50	119.50	64.63	116.91	52.47	96.75	103.59	69.60
PRCISW9668-3	112.88	79.50	68.63	76.91	36.65	78.56	63.59	34.70	PRCISW12668-4	150.50	79.50	68.63	76.91	36.65	104.75	63.59	46.26
PRCISW96611-3	112.88	82.50	68.63	79.91	38.08	78.56	66.59	36.33	PRCISW126611-4	150.50	82.50	68.63	79.91	38.08	104.75	66.59	48.44
PRCISW9670T-3	112.88	86.50	68.63	83.91	39.99	78.56	70.59	38.51	PRCISW12670T-4	150.50	86.50	68.63	83.91	39.99	104.75	70.59	51.35
PRCISW9680-3	112.88	95.50	68.63	92.91	44.28	78.56	79.59	43.42	PRCISW12680-4	150.50	95.50	68.63	92.91	44.28	104.75	79.59	57.90
PRCISW9680T-3	112.88	98.50	68.63	95.91	45.71	78.56	82.59	45.06	PRCISW12680T-4	150.50	98.50	68.63	95.91	45.71	104.75	82.59	60.08
PRCISW9690-3	112.88	107.50	68.63	104.91	49.99	78.56	91.59	49.97	PRCISW12690-4	150.50	107.50	68.63	104.91	49.99	104.75	91.59	66.63
PRCISW96100-3	112.88	119.50	68.63	116.91	55.71	78.56	103.59	56.52	PRCISW126100-4	150.50	119.50	68.63	116.91	55.71	104.75	103.59	75.36
PRCISW10668-3	124.88	79.50	76.63	76.91	40.92	90.56	63.59	39.99	PRCISW14068-4	166.50	79.50	76.63	76.91	40.92	120.75	63.59	53.33
PRCISW106611-3	124.88	82.50	76.63	79.91	42.52	90.56	66.59	41.88	PRCISW140611-4	166.50	82.50	76.63	79.91	42.52	120.75	66.59	55.84
PRCISW10670T-3	124.88	86.50	76.63	83.91	44.65	90.56	70.59	44.40	PRCISW14070T-4	166.50	86.50	76.63	83.91	44.65	120.75	70.59	59.20
PRCISW10680-3	124.88	95.50	76.63	92.91	49.44	90.56	79.59	50.06	PRCISW14080-4	166.50	95.50	76.63	92.91	49.44	120.75	79.59	66.74
PRCISW10680T-3	124.88	98.50	76.63	95.91	51.03	90.56	82.59	51.94	PRCISW14080T-4	166.50	98.50	76.63	95.91	51.03	120.75	82.59	69.26
PRCISW10690-3	124.88	107.50	76.63	104.91	55.82	90.56	91.59	57.60	PRCISW14090-4	166.50	107.50	76.63	104.91	55.82	120.75	91.59	76.81
PRCISW106100-3	124.88	119.50	76.63	116.91	62.21	90.56	103.59	65.15	PRCISW140100-4	166.50	119.50	76.63	116.91	62.21	120.75	103.59	86.87
PRCISW11068-3	130.88	79.50	80.63	76.91	43.06	96.56	63.59	42.64	PRCISW14668-4	174.50	79.50	80.63	76.91	43.06	128.75	63.59	56.86
PRCISW110611-3	130.88	82.50	80.63	79.91	44.74	96.56	66.59	44.66	PRCISW146611-4	174.50	82.50	80.63	79.91	44.74	128.75	66.59	59.54
PRCISW11070T-3	130.88	86.50	80.63	83.91	46.98	96.56	70.59	47.34	PRCISW14670T-4	174.50	86.50	80.63	83.91	46.98	128.75	70.59	63.12
PRCISW11080-3	130.88	95.50	80.63	92.91	52.02	96.56	79.59	53.37	PRCISW14680-4	174.50	95.50	80.63	92.91	52.02	128.75	79.59	71.16
PRCISW11080T-3	130.88	98.50	80.63	95.91	53.70	96.56	82.59	55.39	PRCISW14680T-4	174.50	98.50	80.63	95.91	53.70	128.75	82.59	73.85
PRCISW11090-3	130.88	107.50	80.63	95.91	53.70	96.56	82.59	55.39	PRCISW14690-4	174.50	107.50	80.63	95.91	53.70	128.75	82.59	73.85
PRCISW110100-3	130.88	119.50	80.63	95.91	53.70	96.56	82.59	55.39	PRCISW146100-4	174.50	119.50	80.63	95.91	53.70	128.75	82.59	73.85

Notes:  
 [1] Assumes PG35 Sill, subtract 5/8" for PG50 Sill  
 [2] Assumes a French Door configuration  
 [3] Assumes a configuration with a French Door and a single flanking stationary panel  
 [4] Assumes a configuration with a French Door and two flanking stationary panels

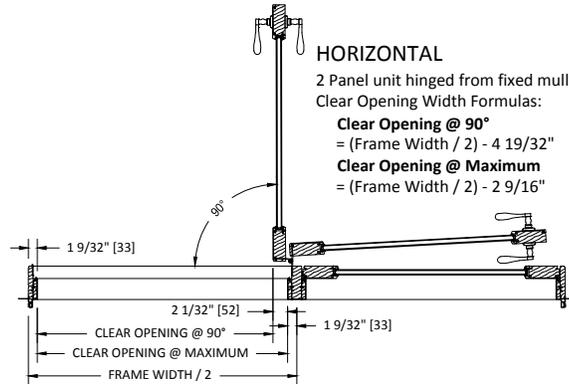
**CLEAR OPENING LAYOUT**



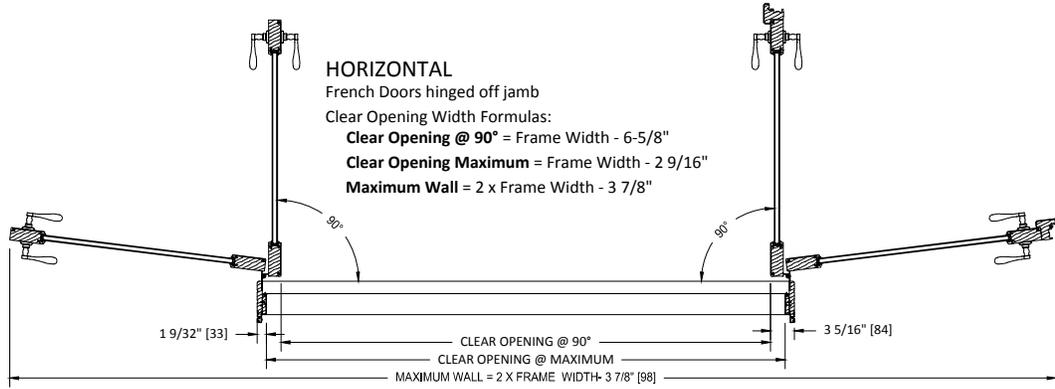
**VERTICAL**  
Clear Opening Height Formulas:  
With DP35 Sill  
**Clear Opening Height = Frame Height - 2 21/32"**



**HORIZONTAL**  
Clear Opening Width Formulas (1-Panel):  
**Clear Opening @ 90° = Frame Width - 4 19/32"**  
**Clear Opening Maximum = Frame Width - 2 9/16"**  
**Maximum Wall = 2 x Frame Width - 2 15/16"**

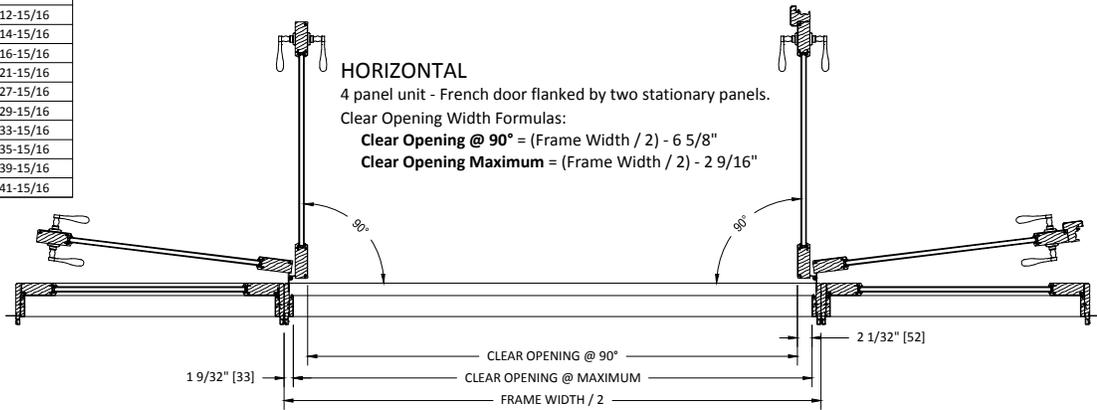


**HORIZONTAL**  
2 Panel unit hinged from fixed mullion.  
Clear Opening Width Formulas:  
**Clear Opening @ 90° = (Frame Width / 2) - 4 19/32"**  
**Clear Opening @ Maximum = (Frame Width / 2) - 2 9/16"**



**HORIZONTAL**  
French Doors hinged off jamb  
Clear Opening Width Formulas:  
**Clear Opening @ 90° = Frame Width - 6 5/8"**  
**Clear Opening Maximum = Frame Width - 2 9/16"**  
**Maximum Wall = 2 x Frame Width - 3 7/8"**

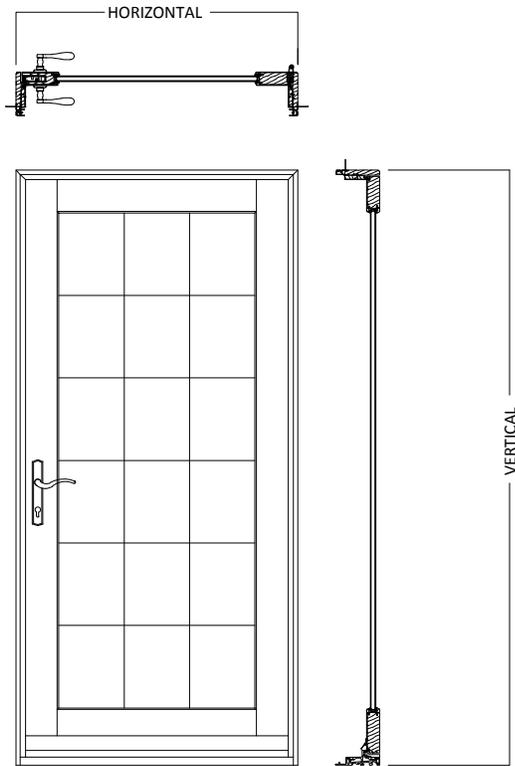
Panel Callout	Panel Width
1-2	12-15/16
1-4	14-15/16
1-6	16-15/16
2-0	21-15/16
2-6	27-15/16
2-8	29-15/16
3-0	33-15/16
3-2	35-15/16
3-6	39-15/16
3-8	41-15/16



**HORIZONTAL**  
4 panel unit - French door flanked by two stationary panels.  
Clear Opening Width Formulas:  
**Clear Opening @ 90° = (Frame Width / 2) - 6 5/8"**  
**Clear Opening Maximum = (Frame Width / 2) - 2 9/16"**

**UNIT SIZING**  
**ROUGH OPENINGS AND MASONRY OPENINGS**

**STANDARD OFFERING**  
DRIP CAP & NAILING FLANGE



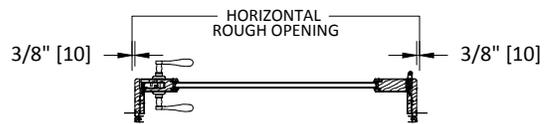
**GENERAL NOTES:**

**ROUGH OPENING HEIGHT IS ALWAYS  
FRAME SIZE + 1/2"**

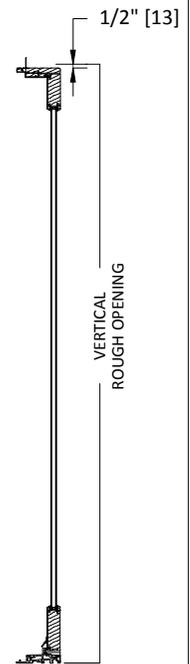
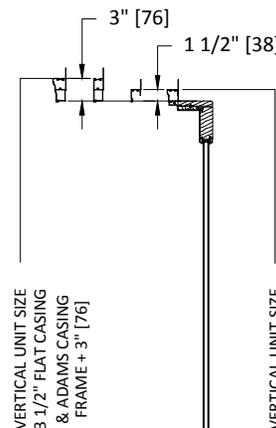
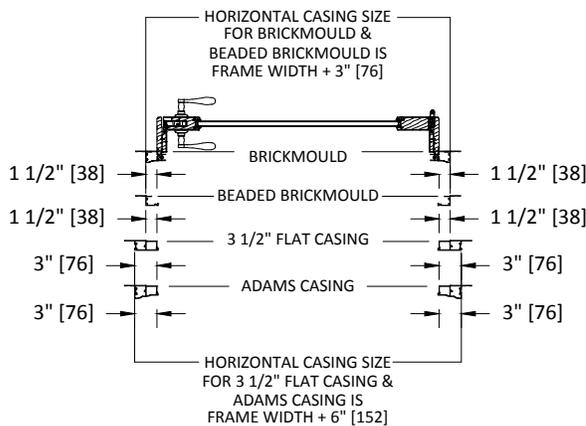
**ROUGH OPENING WIDTH IS ALWAYS  
FRAME SIZE + 3/4"**

**MASONRY OPENING:  
MASONRY OPENING IS ALWAYS 1/2" OVER  
THE UNIT SIZE OF THE DOOR**

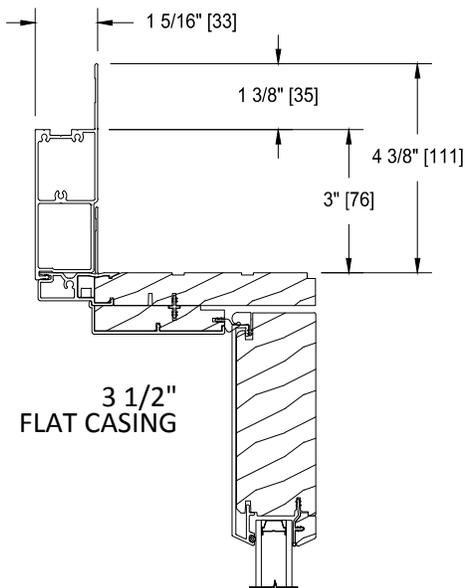
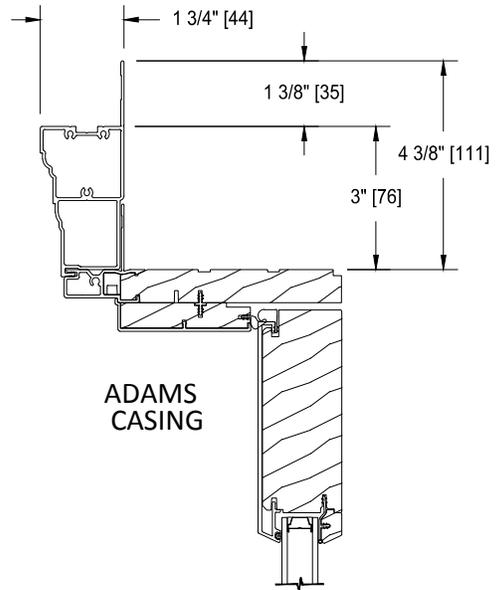
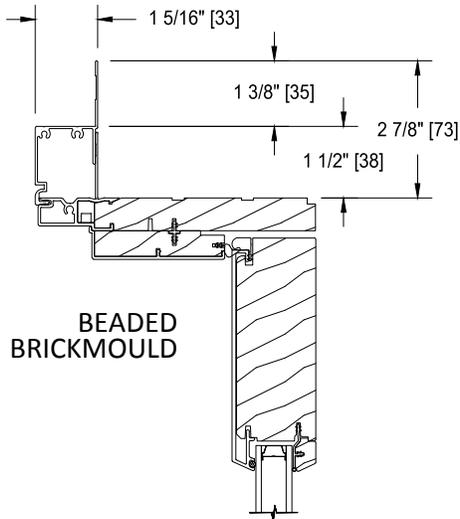
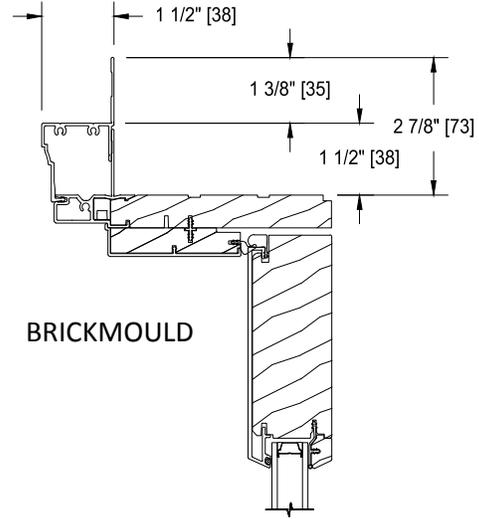
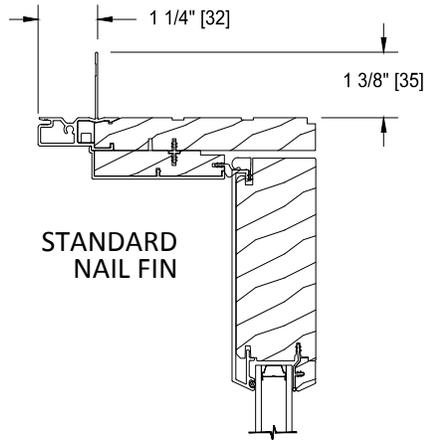
**ROUGH OPENING:**  
DRIP CAP & NAILING FLANGE



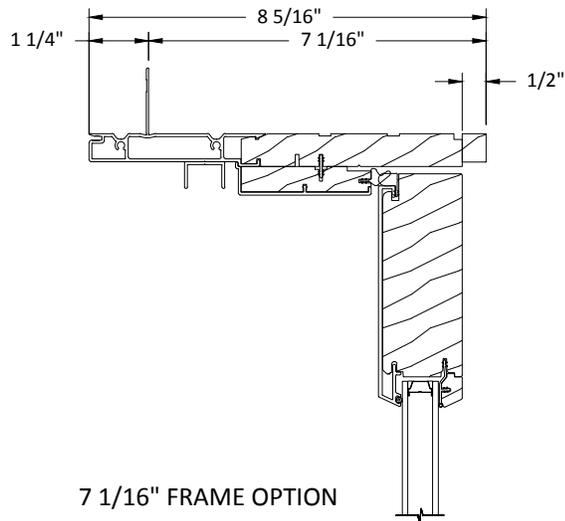
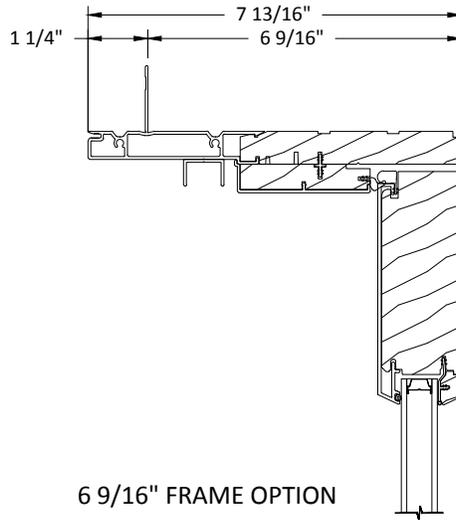
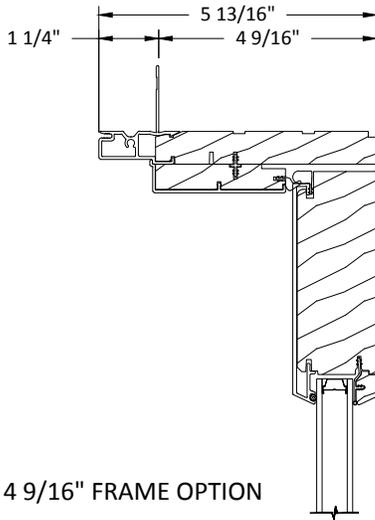
**UNIT SIZE**  
FRAME TO EXTERIOR TRIM (UNIT) SIZE



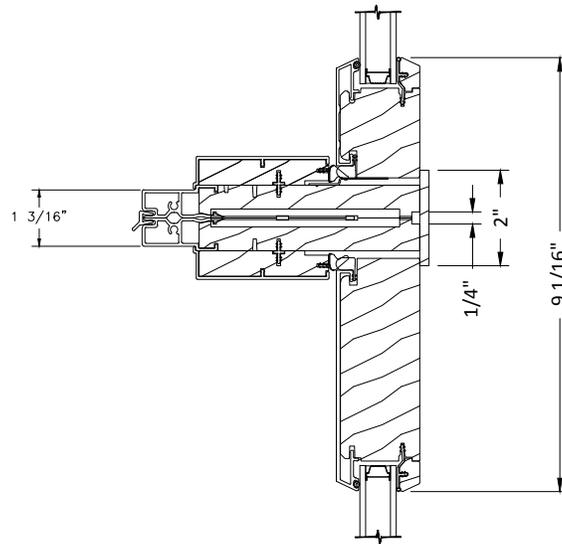
TRIM OPTIONS



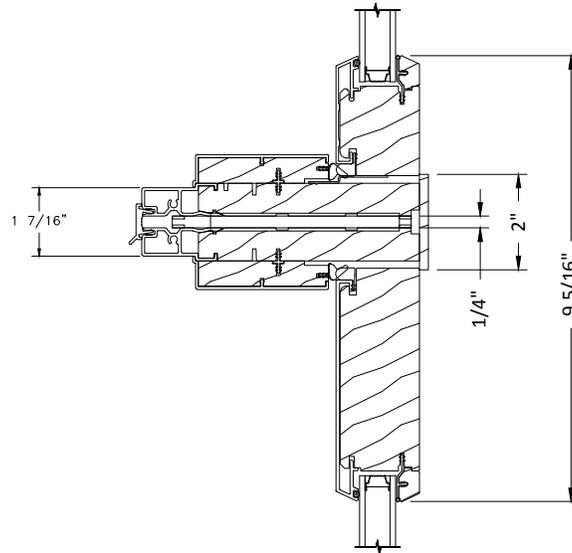
FRAME OPTIONS



MULLION OPTIONS

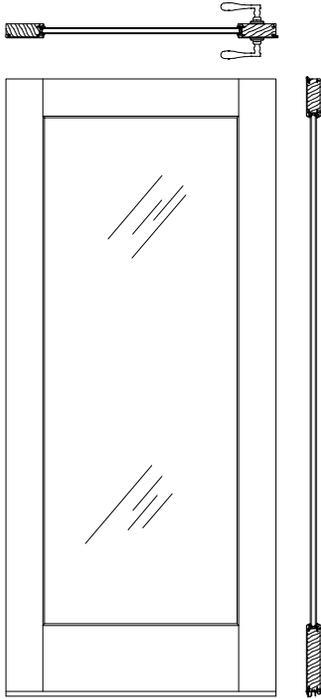


**VERTICAL MULLION SECTION  
TRANSOM OVER WIDE STILE UNIT**

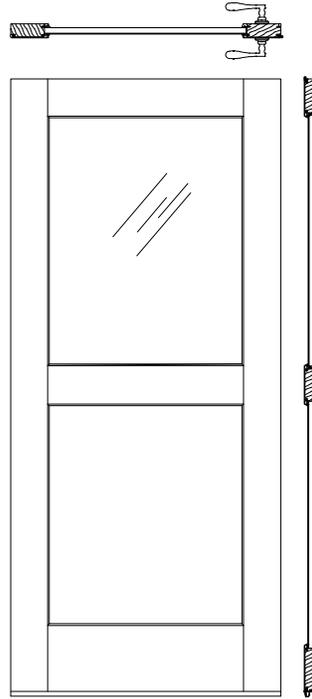


**VERTICAL MULLION SECTION  
TRANSOM OVER WIDE STILE UNIT  
WITH 1/4" REINFORCEMENT**

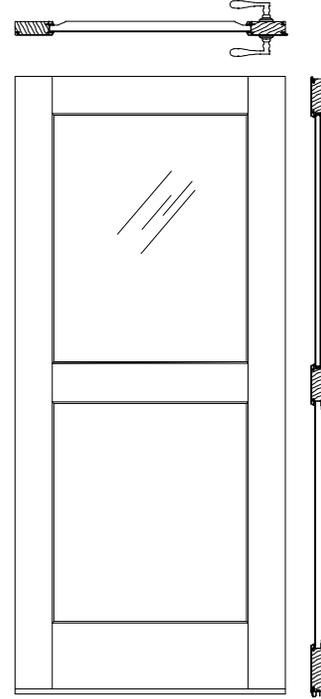
RAISED PANEL OPTIONS



**STANDARD GLAZED PANEL**

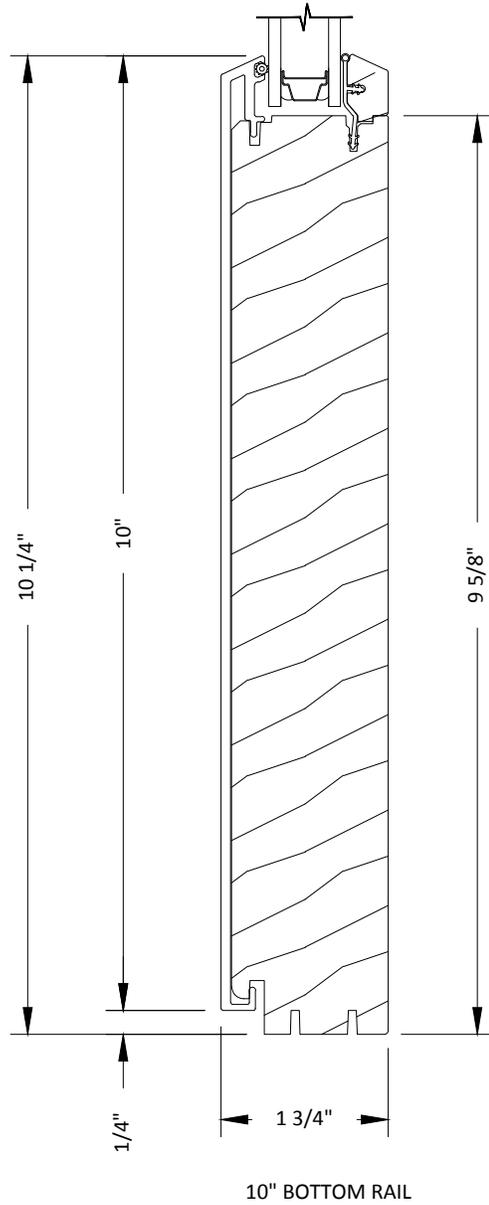
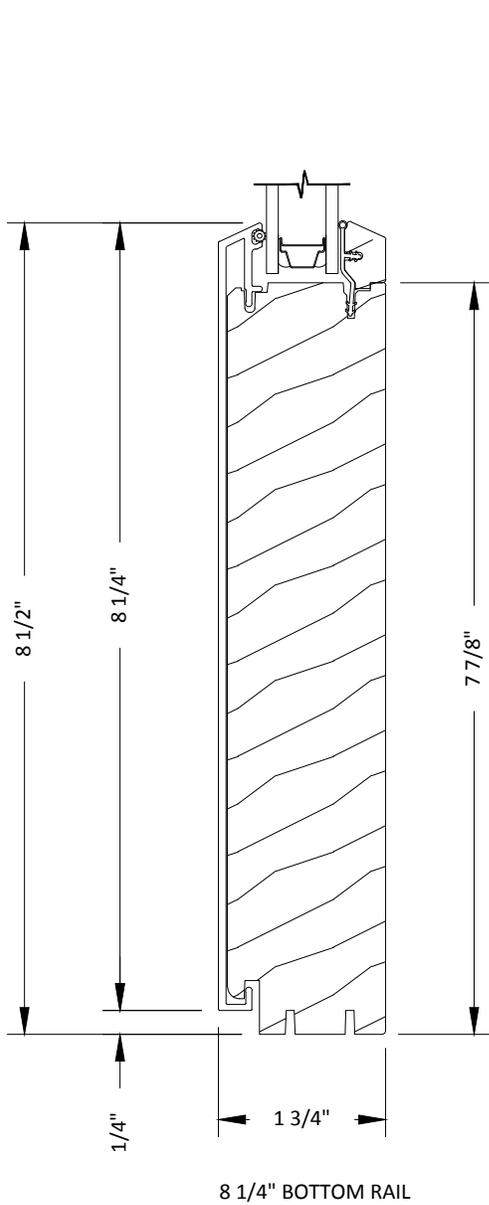


**OPTION 1**  
**INTERIOR FLAT PANEL -**  
**EXTERIOR FLAT PANEL**

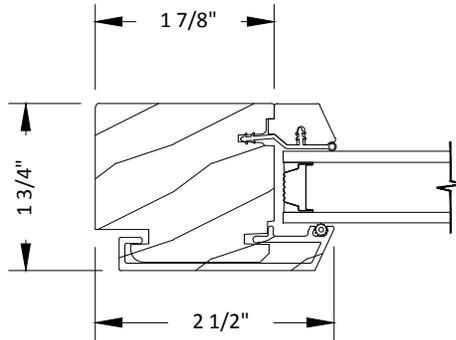


**OPTION 2**  
**INTERIOR RAISED PANEL -**  
**EXTERIOR FLAT PANEL**

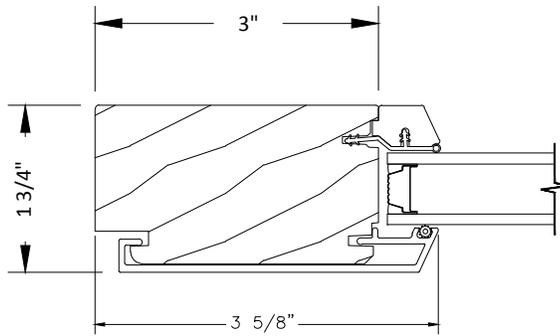
BOTTOM RAIL OPTIONS



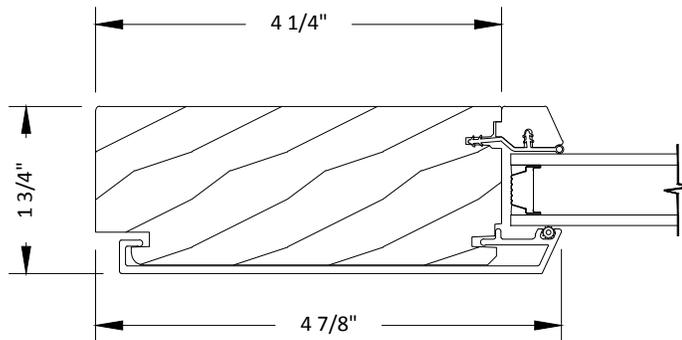
STILE OPTIONS



SIDELITE STILE

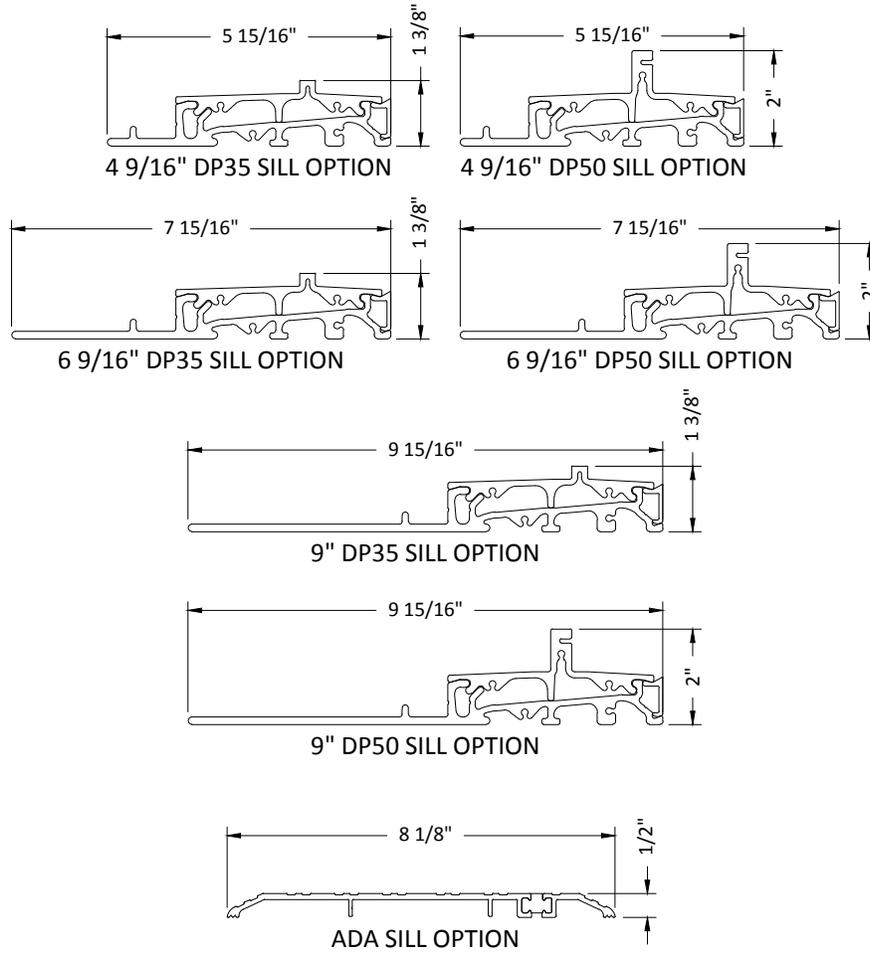


NARROW STILE

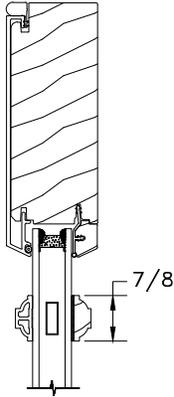


WIDE STILE

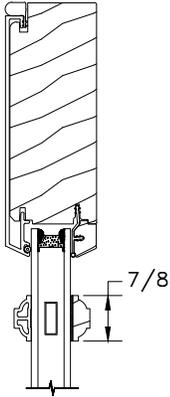
SILL OPTIONS



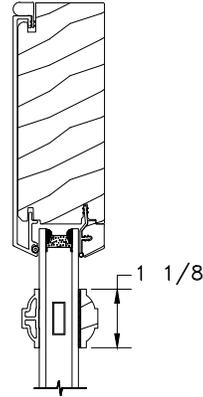
DIVIDED LITE OPTIONS



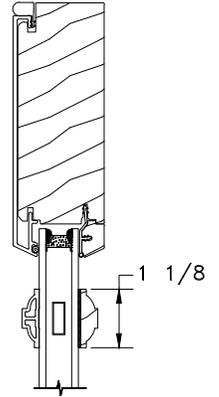
**7/8" BEAD SDL  
W/ LIGHT BRONZE  
SHADOW BAR**



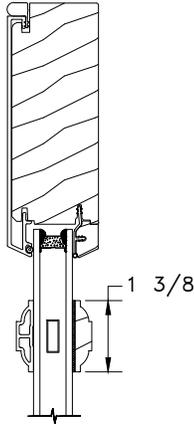
**7/8" BEAD SDL  
W/ SILVER  
SHADOW BAR**



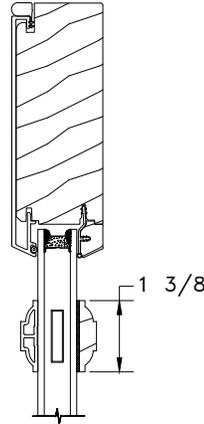
**1 1/8" BEAD SDL  
W/ LIGHT BRONZE  
SHADOW BAR**



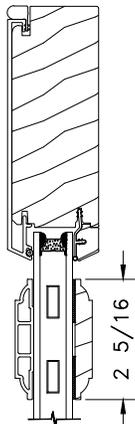
**1 1/8" BEAD SDL  
W/ SILVER  
SHADOW BAR**



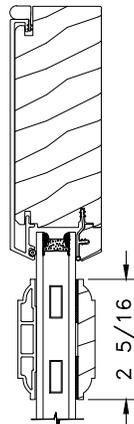
**1 3/8" BEAD SDL  
W/ LIGHT BRONZE  
SHADOW BAR**



**1 3/8" BEAD SDL  
W/ SILVER SHADOW BAR**

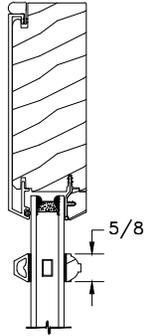


**2-5/16" BEAD SDL  
W/ LIGHT BRONZE  
SHADOW BAR**

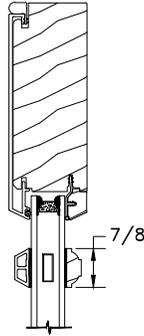


**2-5/16" BEAD SDL  
W/ SILVER SHADOW BAR**

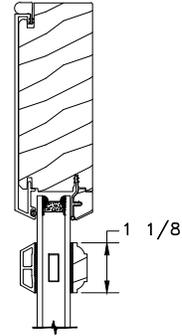
DIVIDED LITE OPTIONS



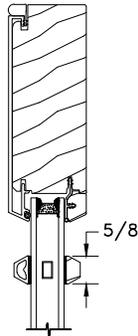
**5/8" PUTTY SDL  
TRADITIONAL PUTTY**



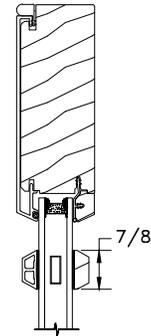
**7/8" PUTTY SDL  
TRADITIONAL PUTTY**



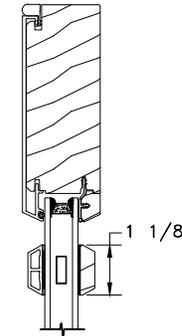
**1 1/8" PUTTY SDL  
TRADITIONAL PUTTY**



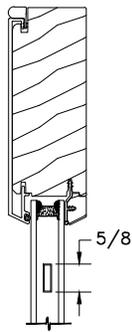
**5/8" PUTTY SDL  
PUTTY/PUTTY**



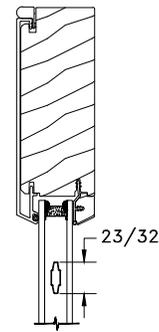
**7/8" PUTTY SDL  
PUTTY/PUTTY**



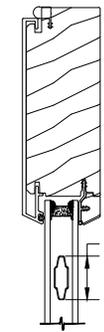
**1 1/8" PUTTY SDL  
PUTTY/PUTTY**



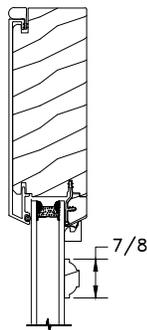
**5/8" GBG**



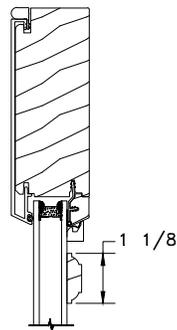
**23/32" CONTOUR  
GBG**



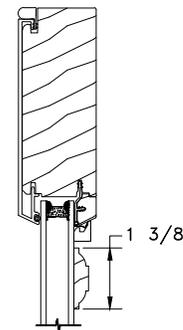
**W/ 1" CONTOUR  
GBG**



**FULL SURROUND  
7/8" WOOD GRILLE**

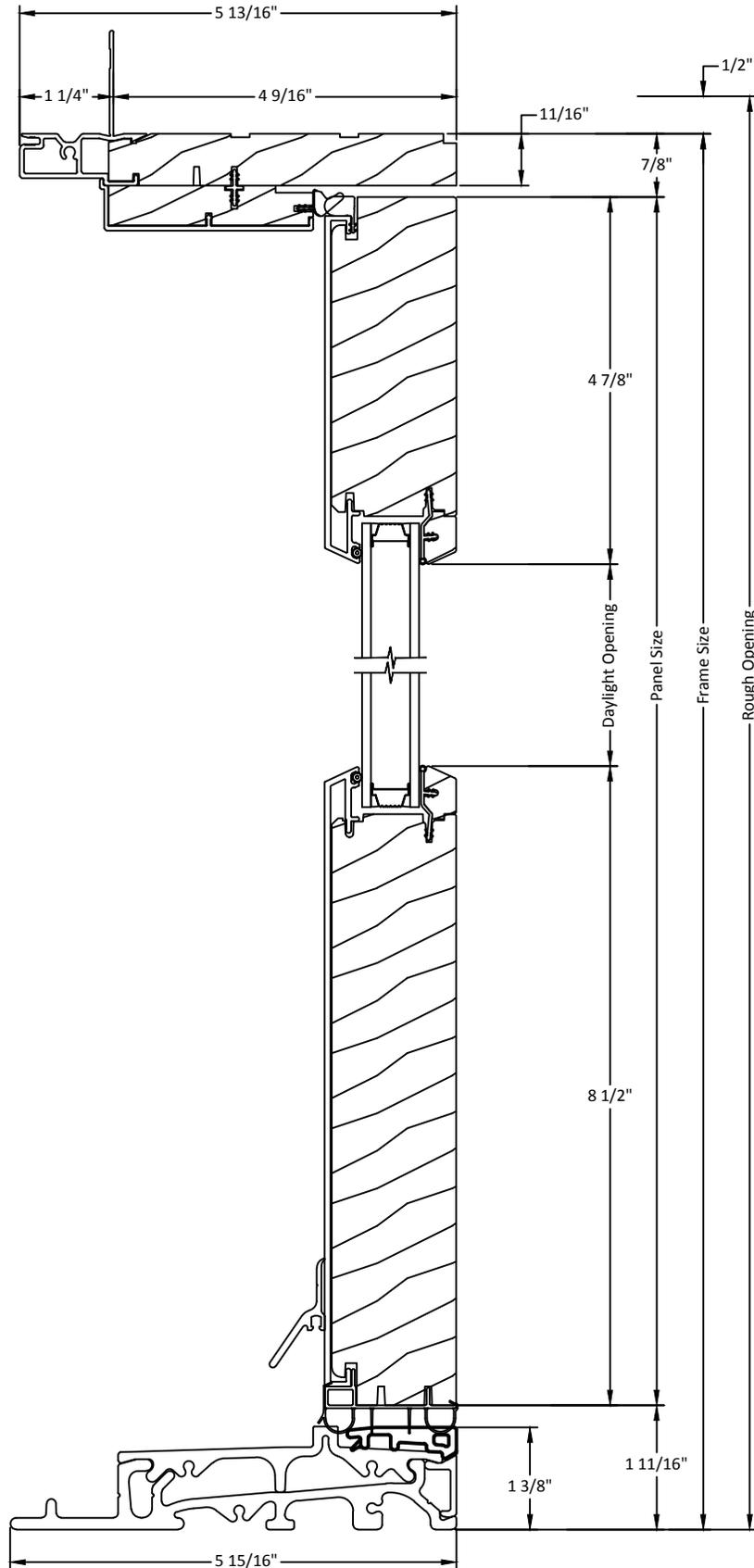


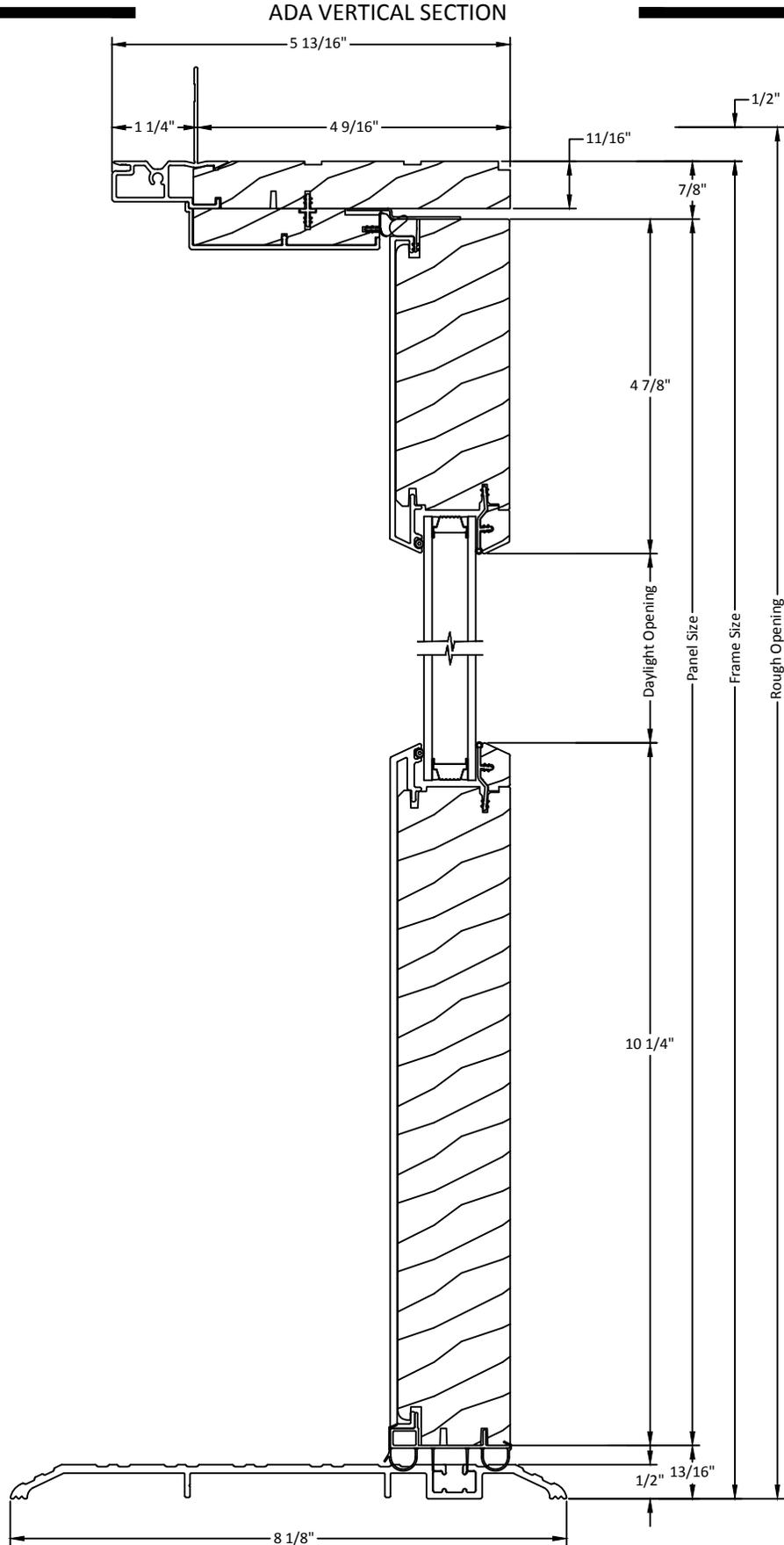
**FULL SURROUND  
1 1/8" WOOD GRILLE**



**FULL SURROUND  
1 3/8" WOOD GRILLE**

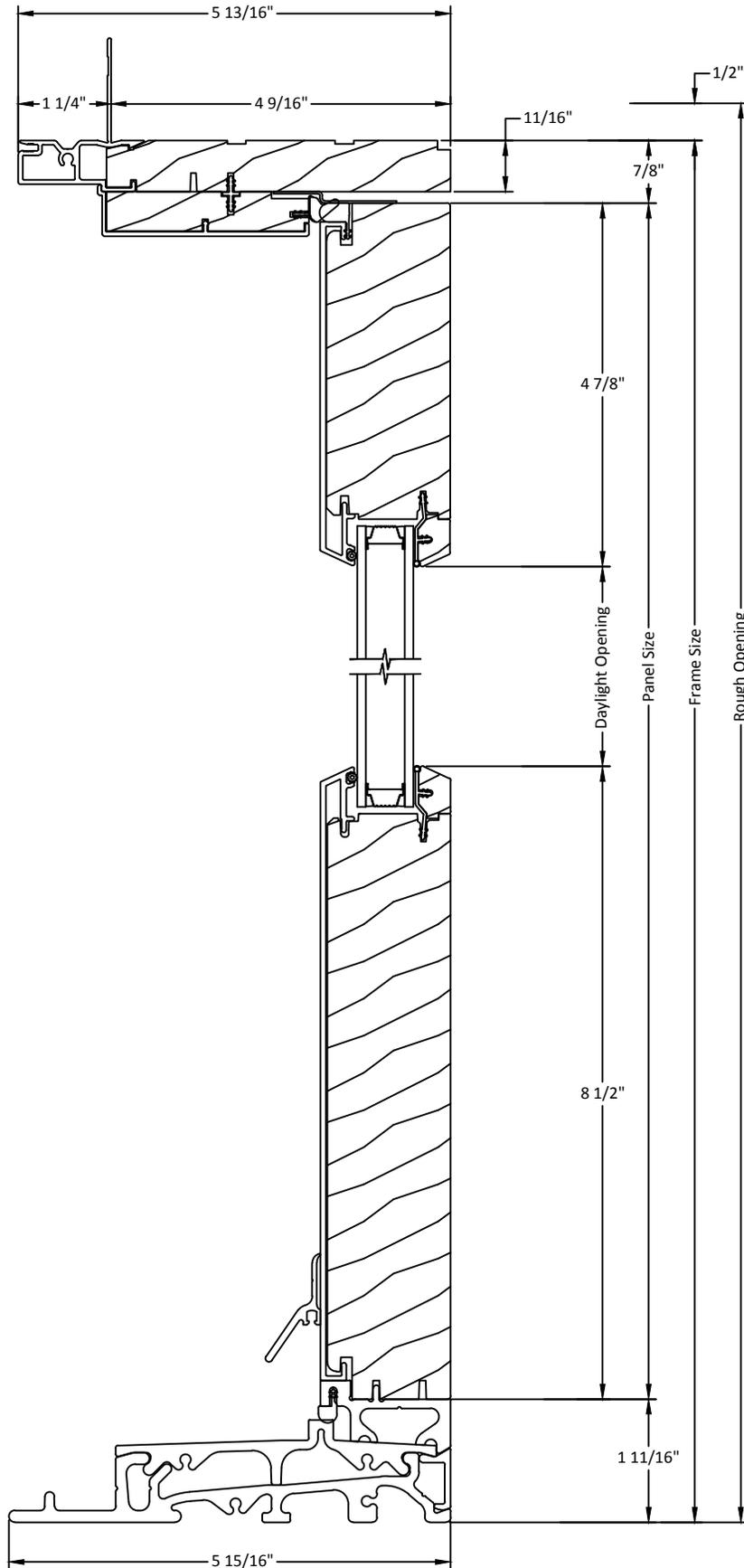
**SITELINE CLAD PATIO DOORS**  
SITELINE INSWING  
VERTICAL SECTION  
DP35 SILL



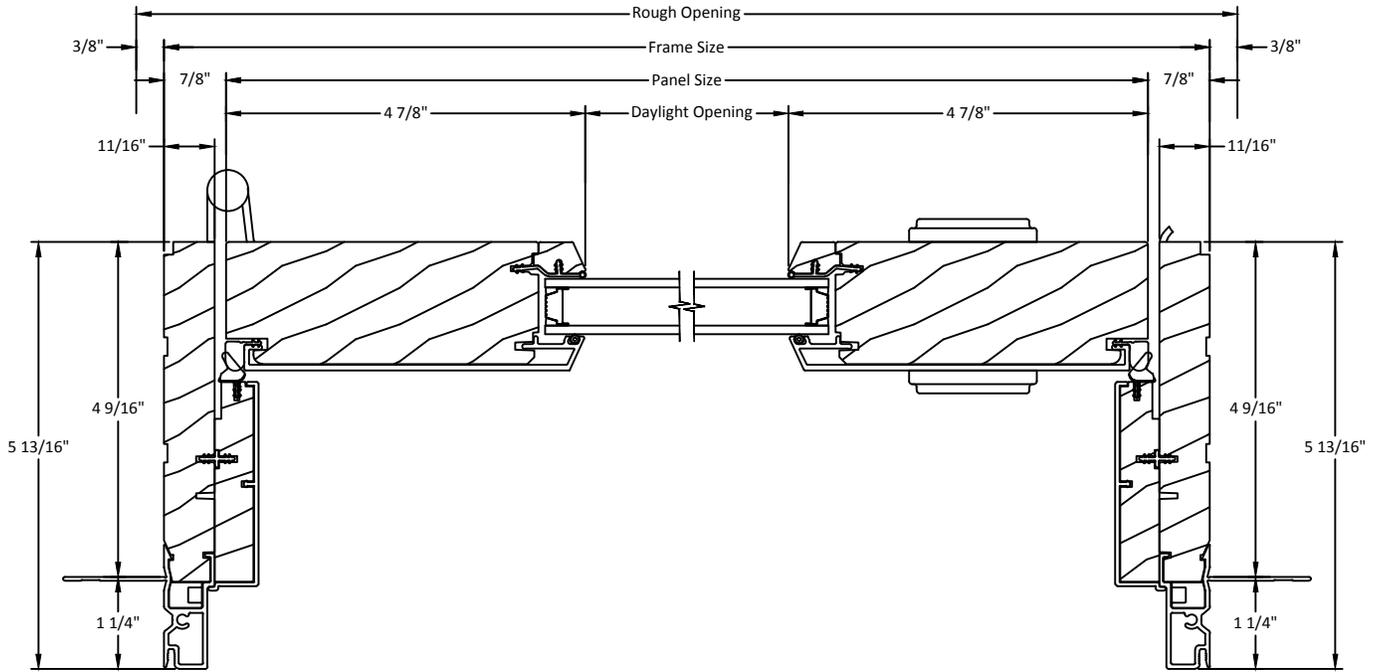


**SITELINE CLAD PATIO DOORS**  
SITELINE INSWING

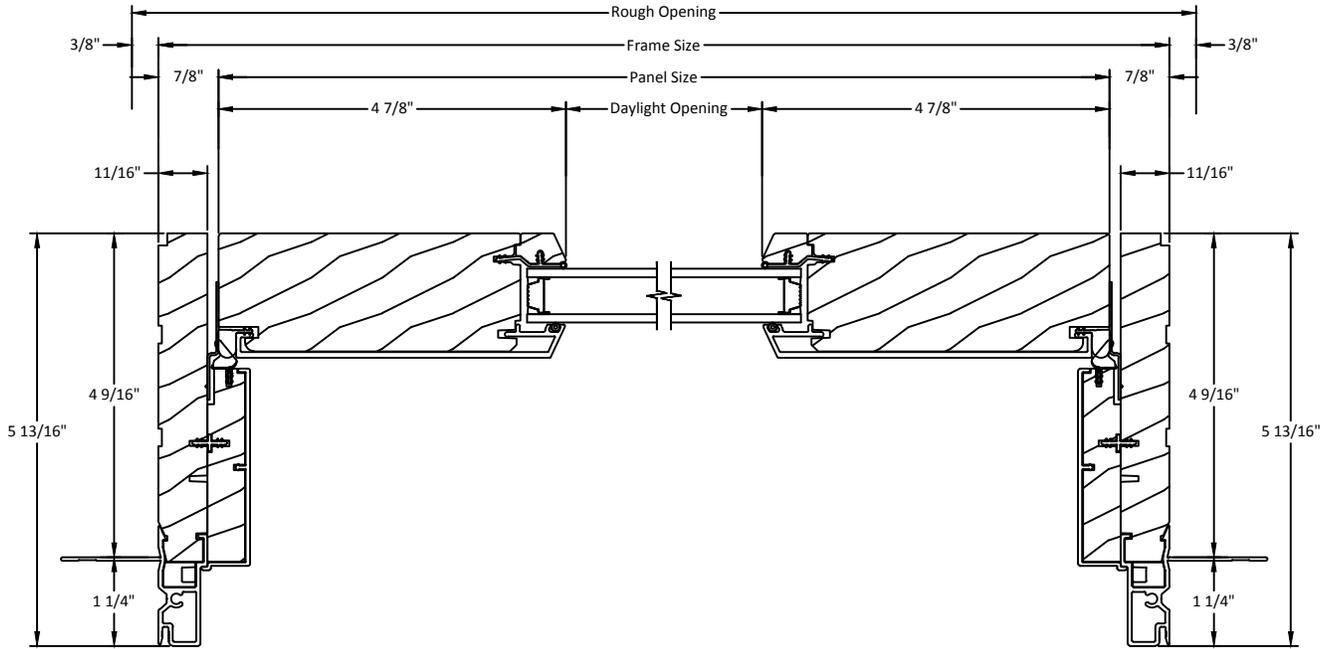
VERTICAL SECTION  
STATIONARY DP35 SILL



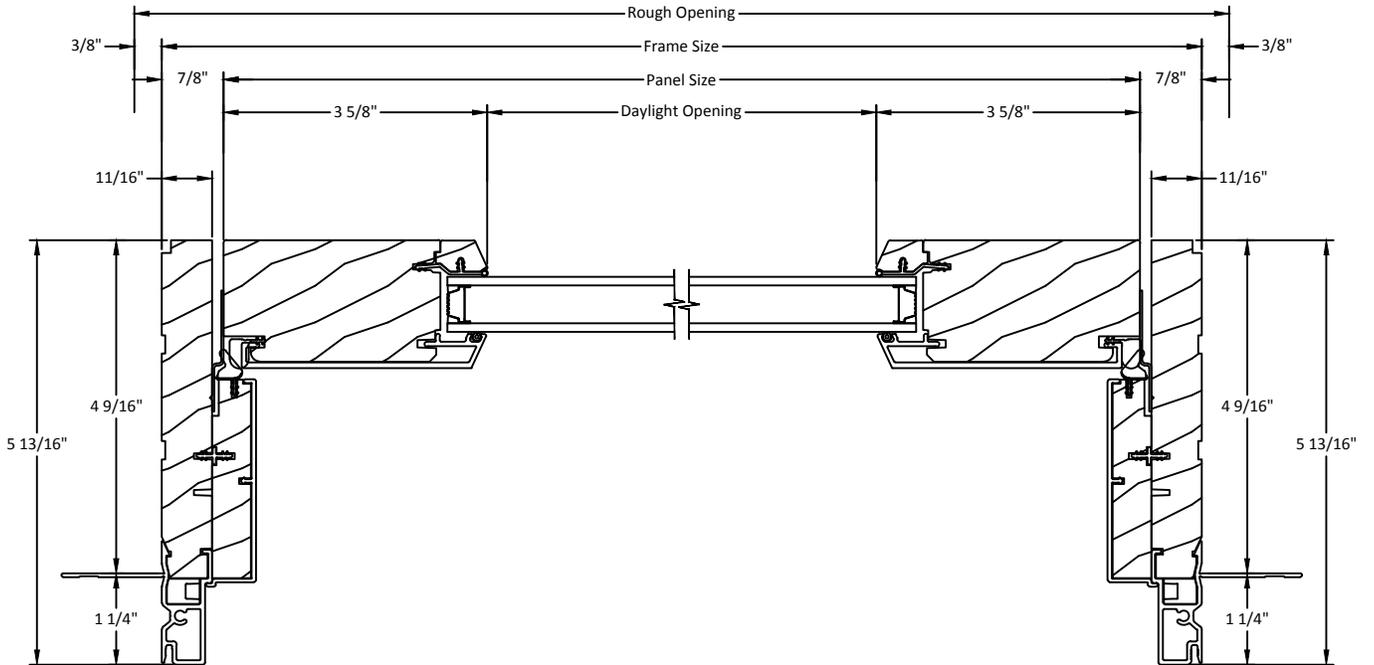
HORIZONTAL SECTION  
1 PANEL



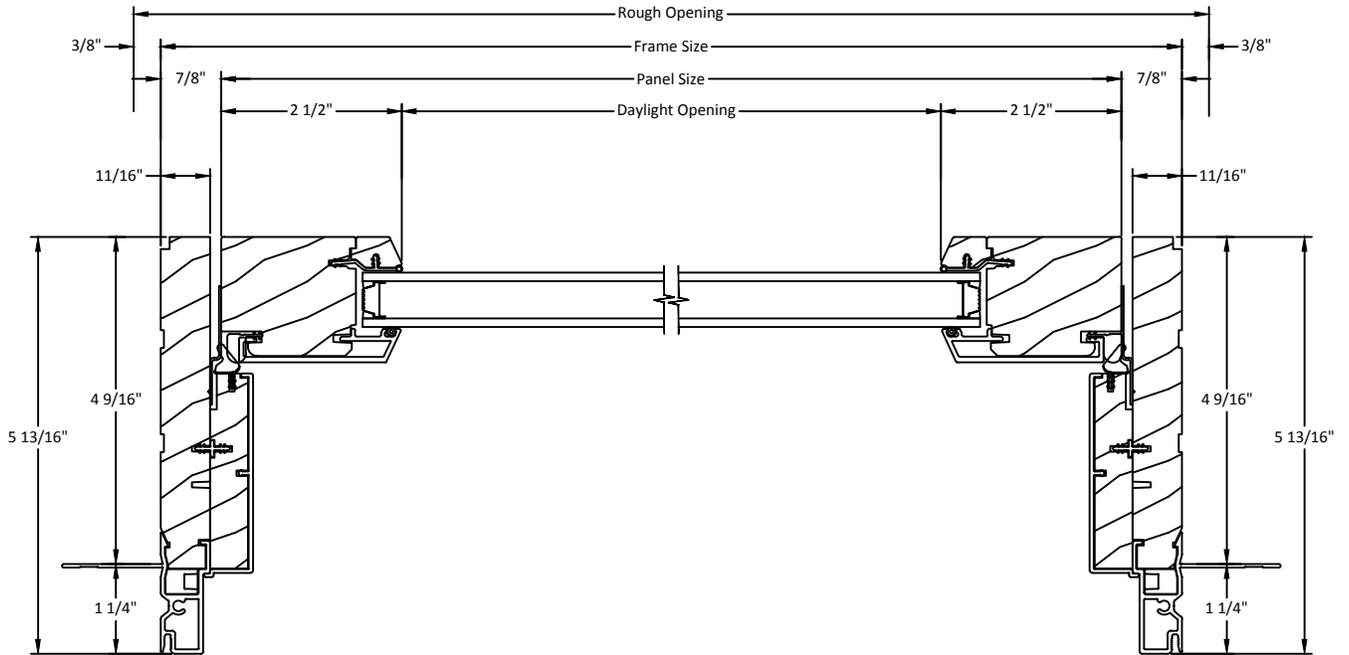
**HORIZONTAL SECTION**  
**1 PANEL WIDE STILE STATIONARY**



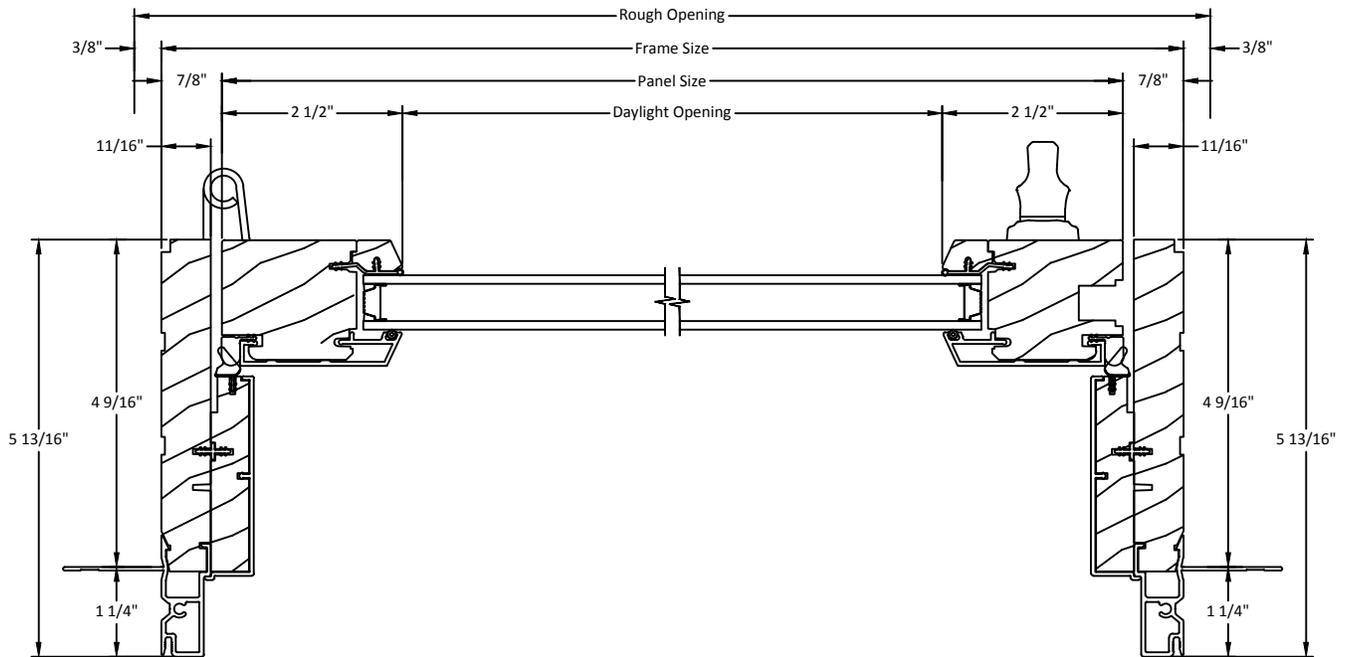
HORIZONTAL SECTION  
1 PANEL NARROW STILE



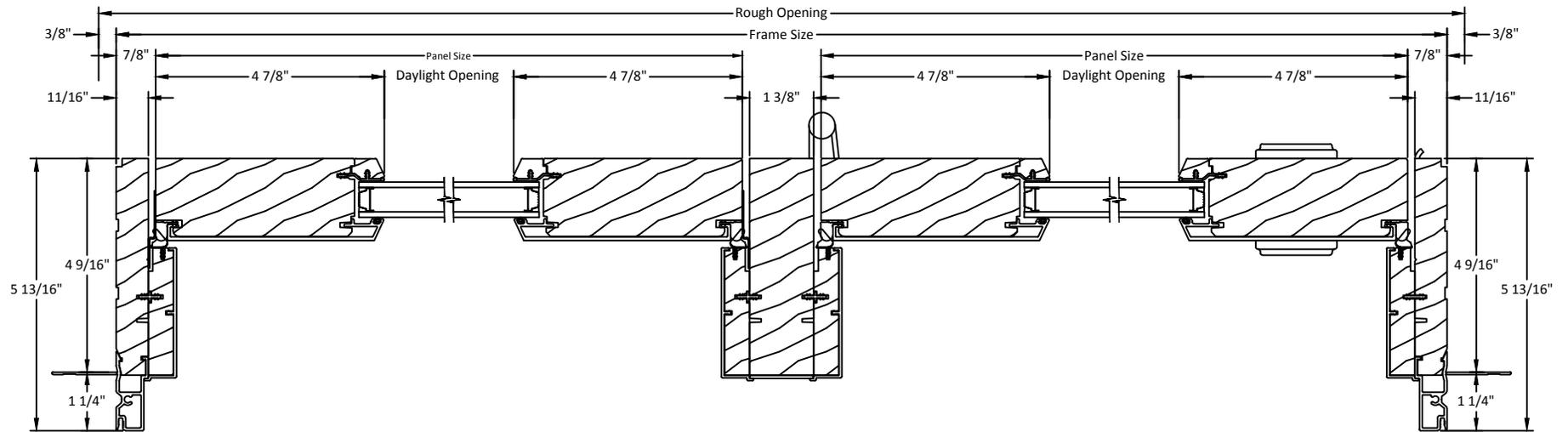
**HORIZONTAL SECTION**  
**1 PANEL SIDELITE STILE STATIONARY**



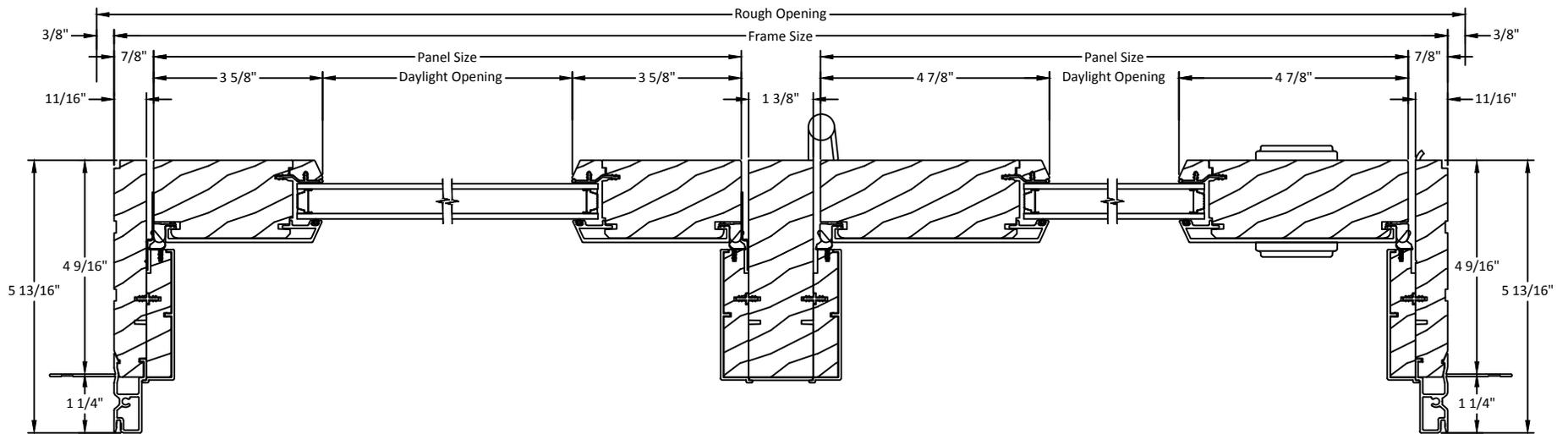
HORIZONTAL SECTION  
VENTING SIDELITE



**HORIZONTAL SECTION**  
FIXED WIDE STILE W/ CENTER HINGED

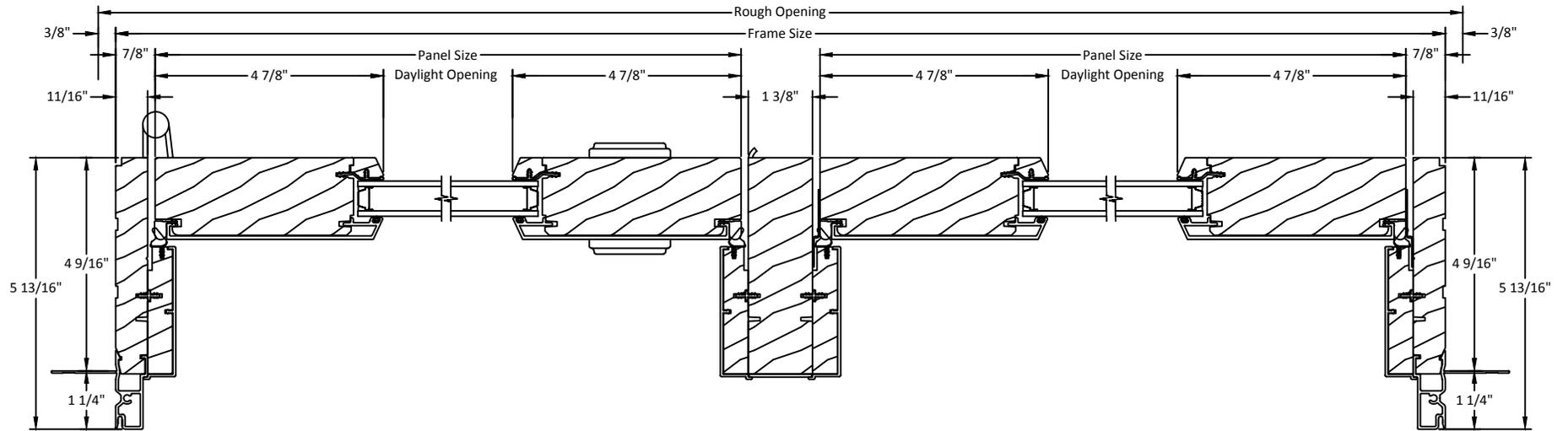


**HORIZONTAL SECTION**  
**FIXED NARROW STILE W/ CENTER**  
**HINGED**

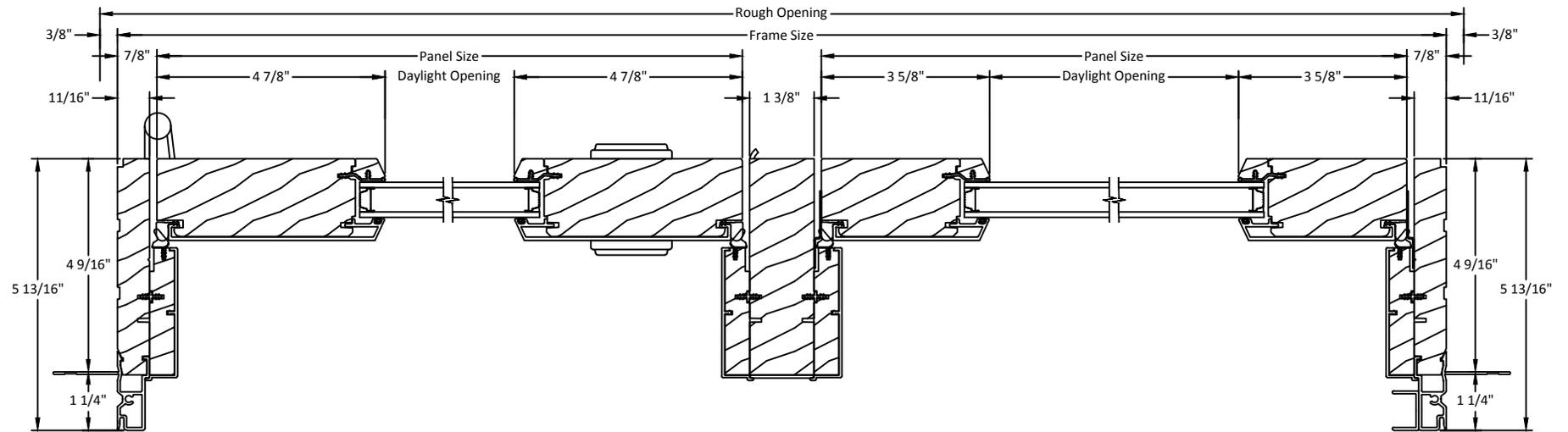




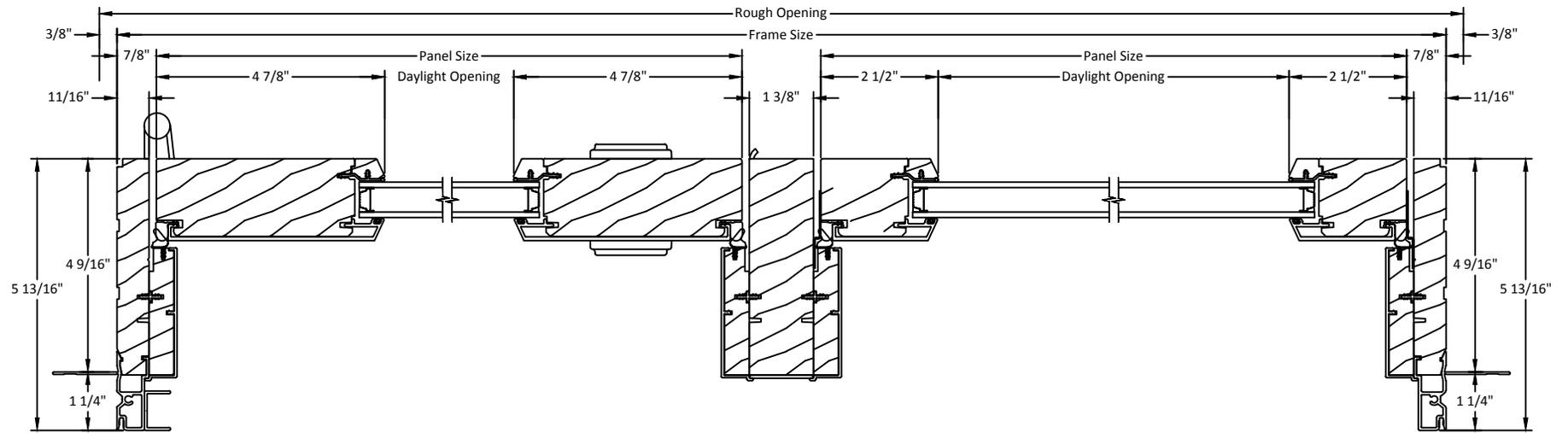
**HORIZONTAL SECTION**  
**FIXED WIDE STILE W/ SIDE HINGED**



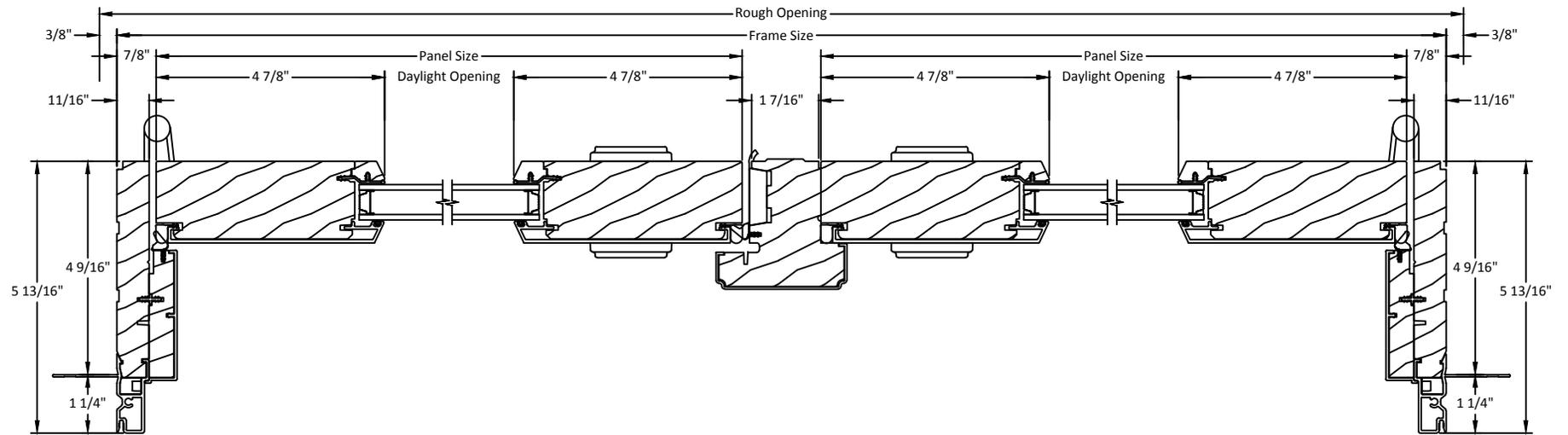
**HORIZONTAL SECTION**  
**FIXED NARROWS STILE W/ SIDE HINGED**



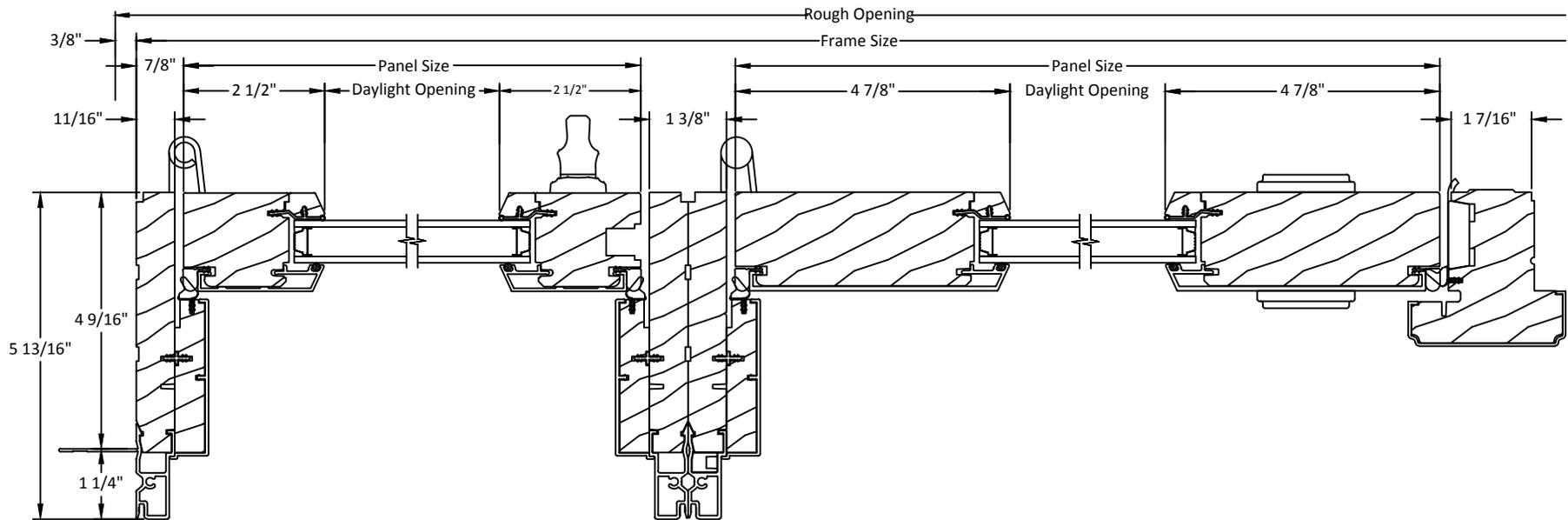
**HORIZONTAL SECTION**  
**FIXED SIDELITE STILE W/ SIDE**  
**HINGED**



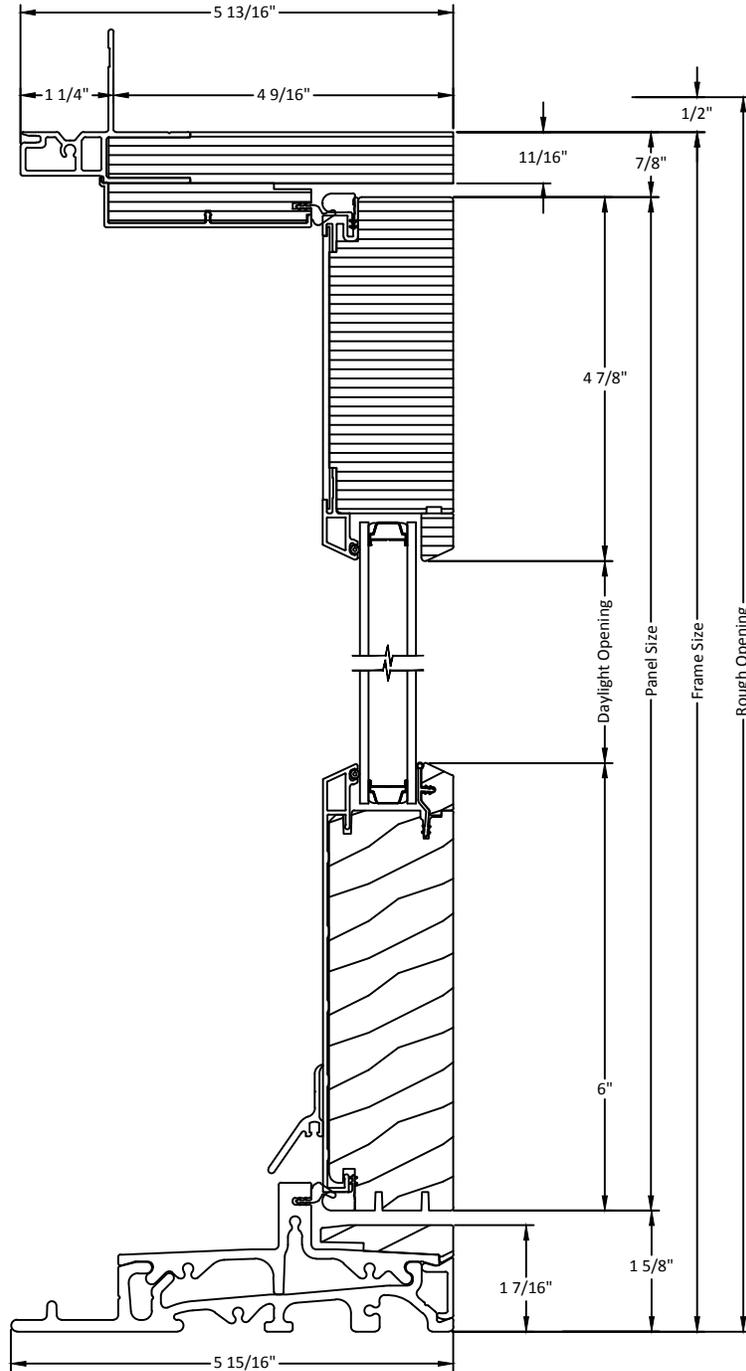
FRENCH HORIZONTAL SECTION



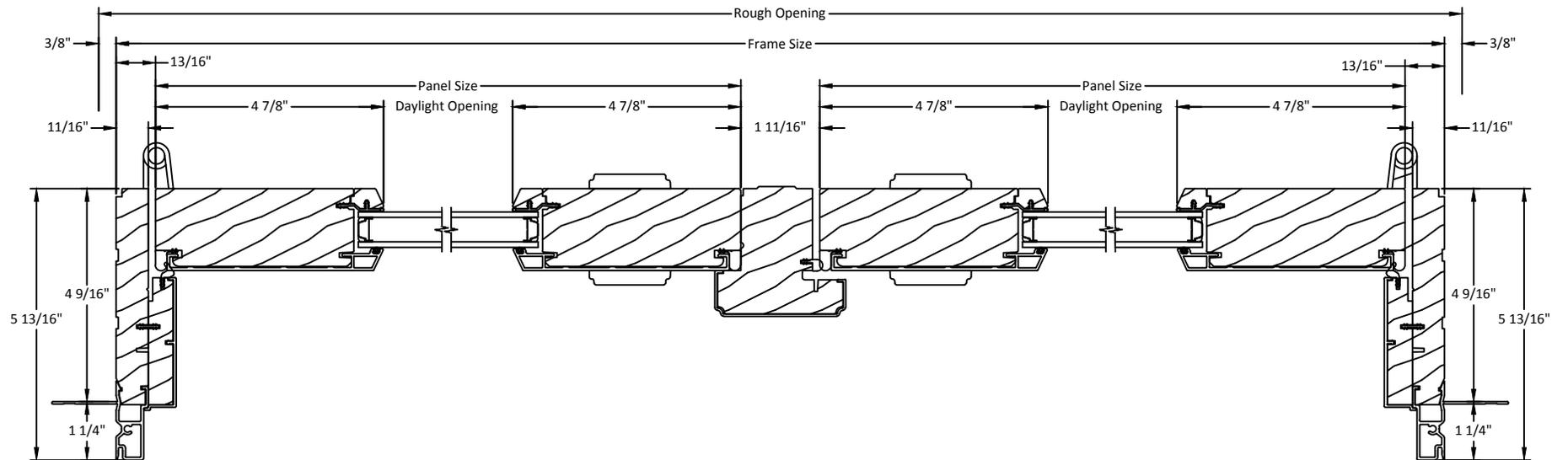
QUAD HORIZONTAL SECTION



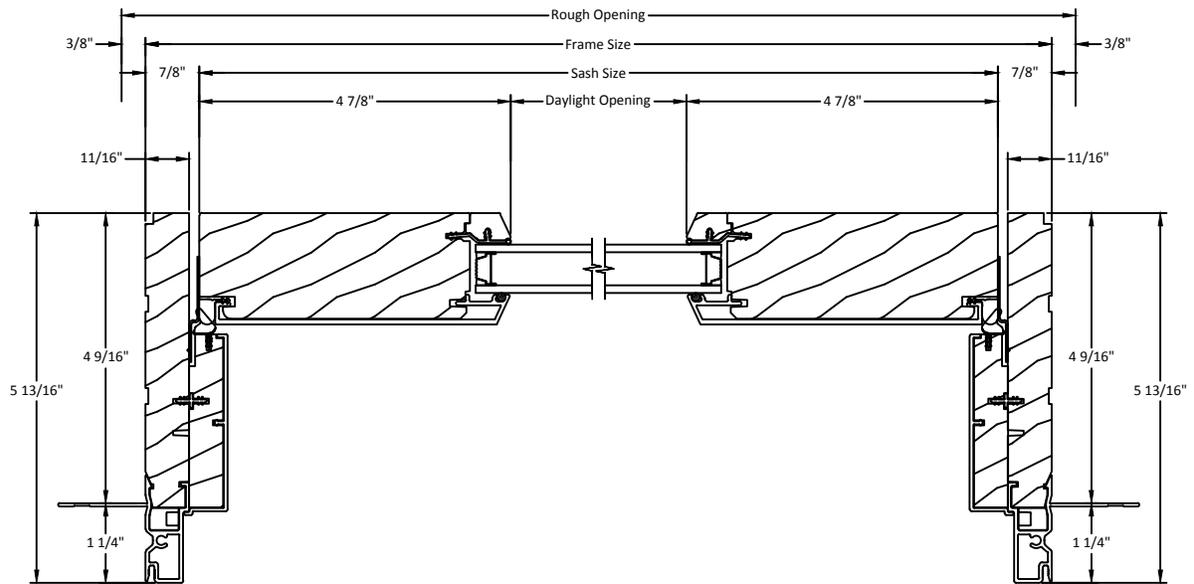
VERTICAL SECTION  
RADIUS TOP



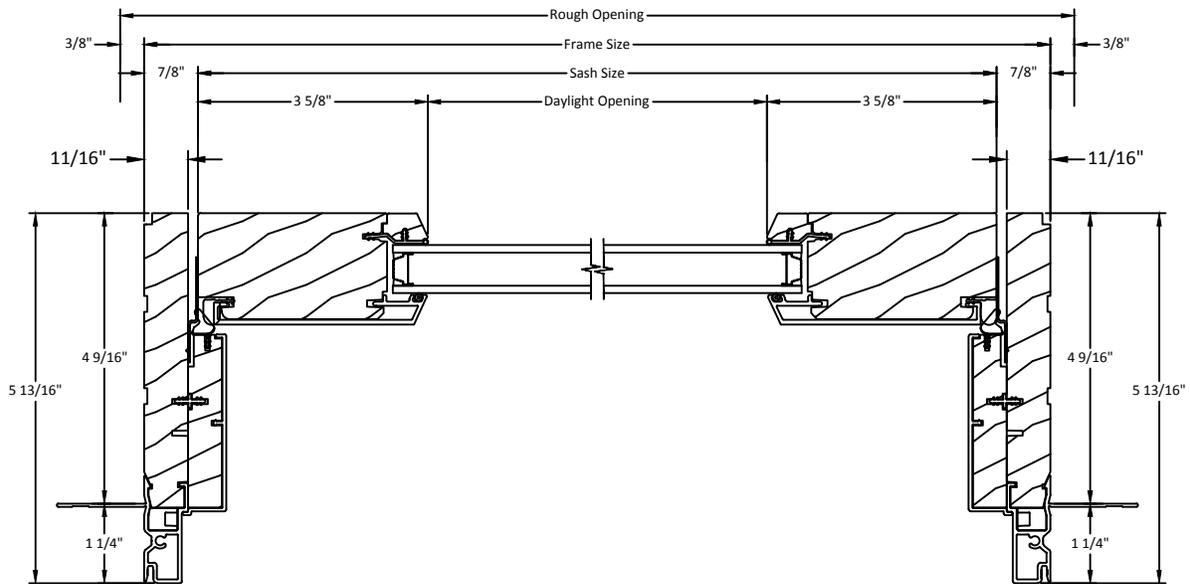
HORIZONTAL SECTION



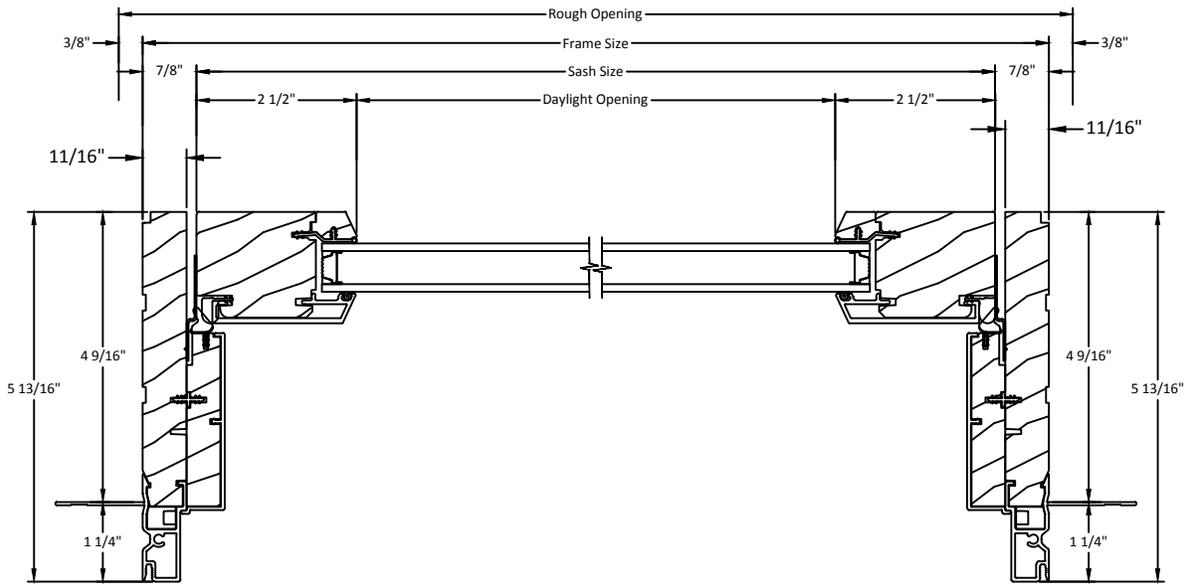
HORIZONTAL SECTION  
IN-SWING  
WIDE STILE TRANSOM



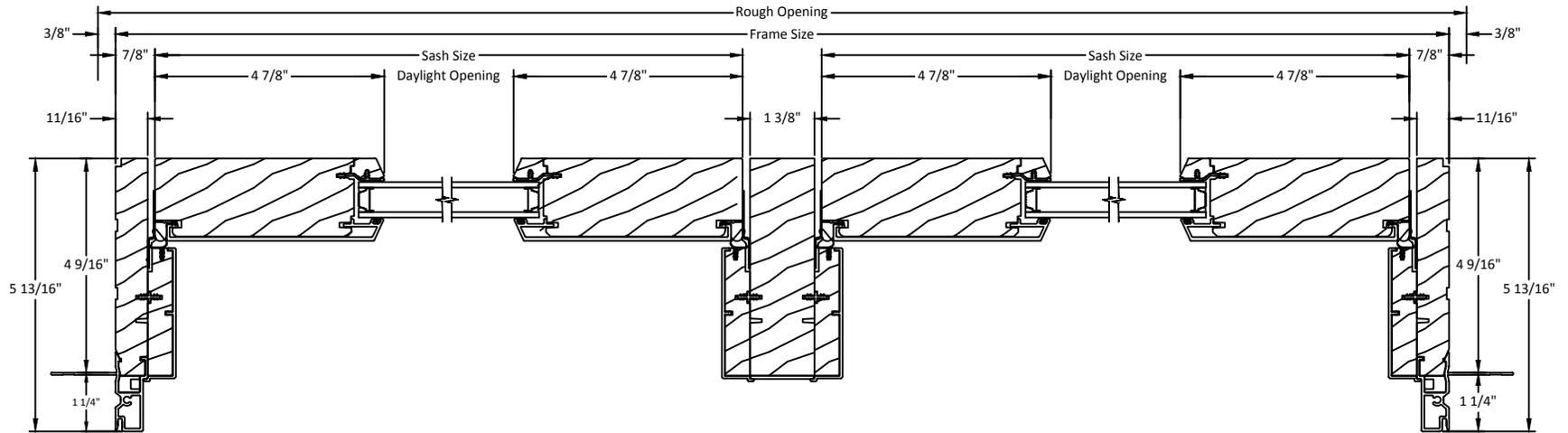
HORIZONTAL SECTION  
IN-SWING  
NARROW STILE TRANSOM



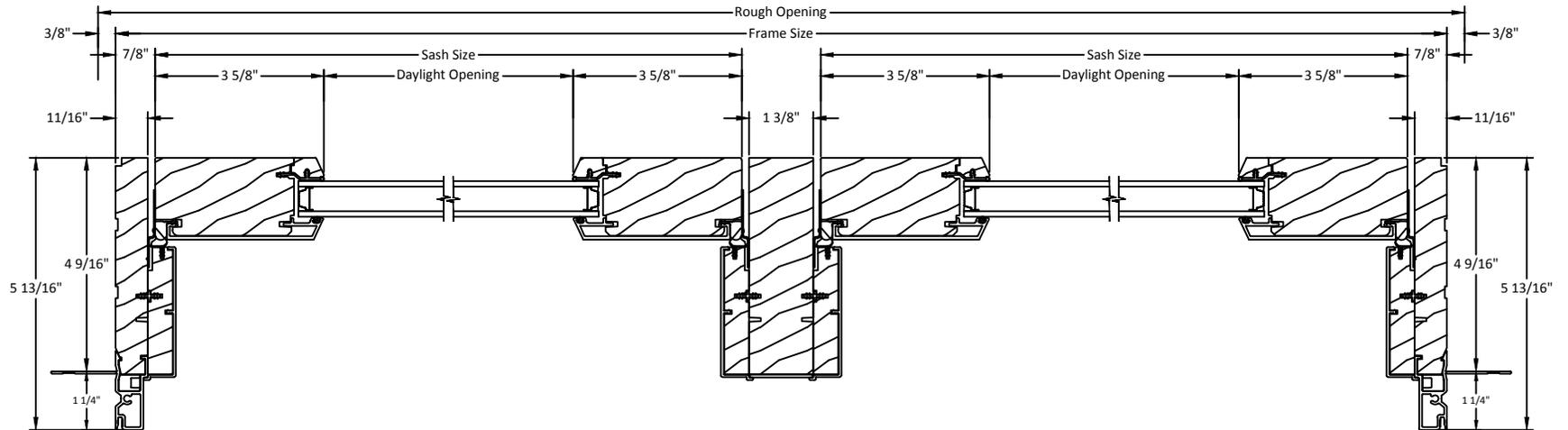
HORIZONTAL SECTION  
IN-SWING  
SIDELITE STILE TRANSOM



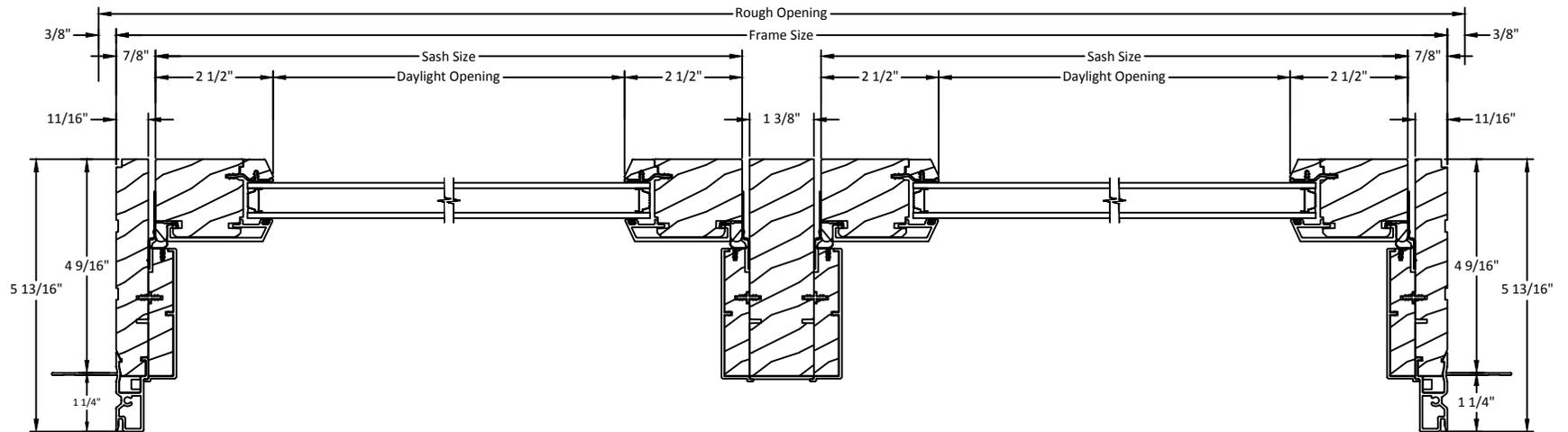
HORIZONTAL SECTION  
IN-SWING  
WIDE STILE TRANSOM - 2 PANEL



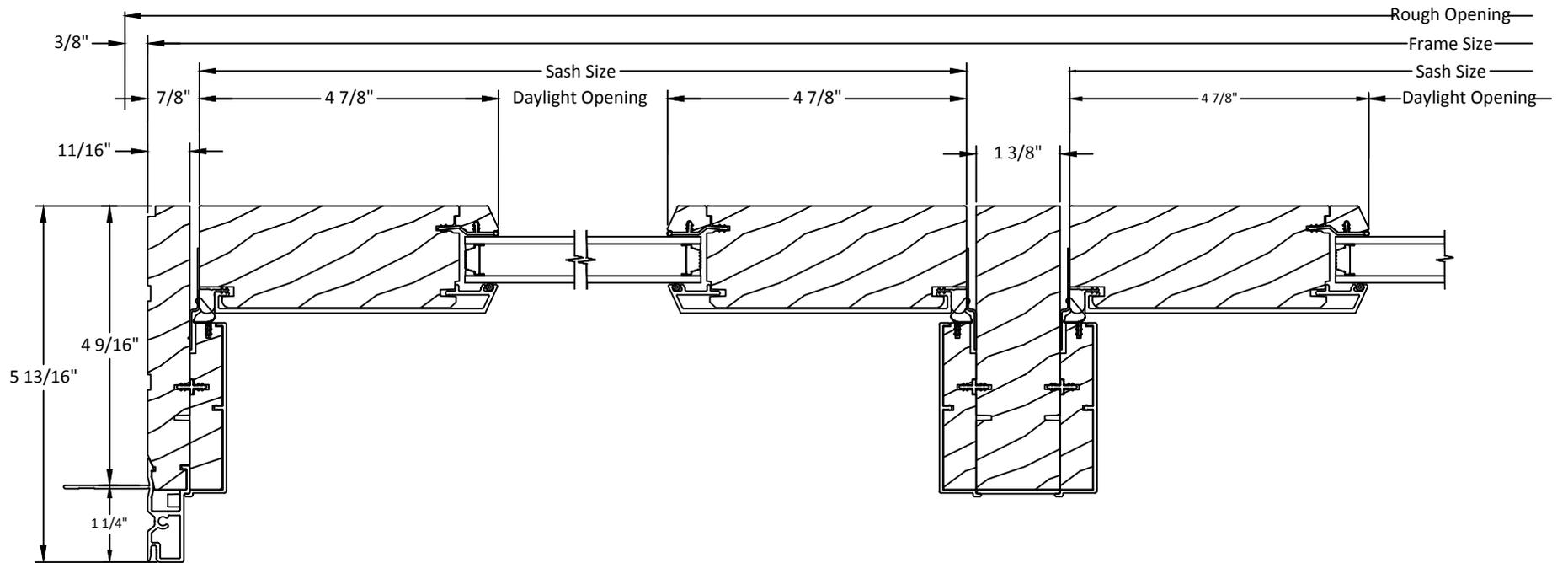
HORIZONTAL SECTION  
IN-SWING  
NARROW STILE TRANSOM - 2 PANEL



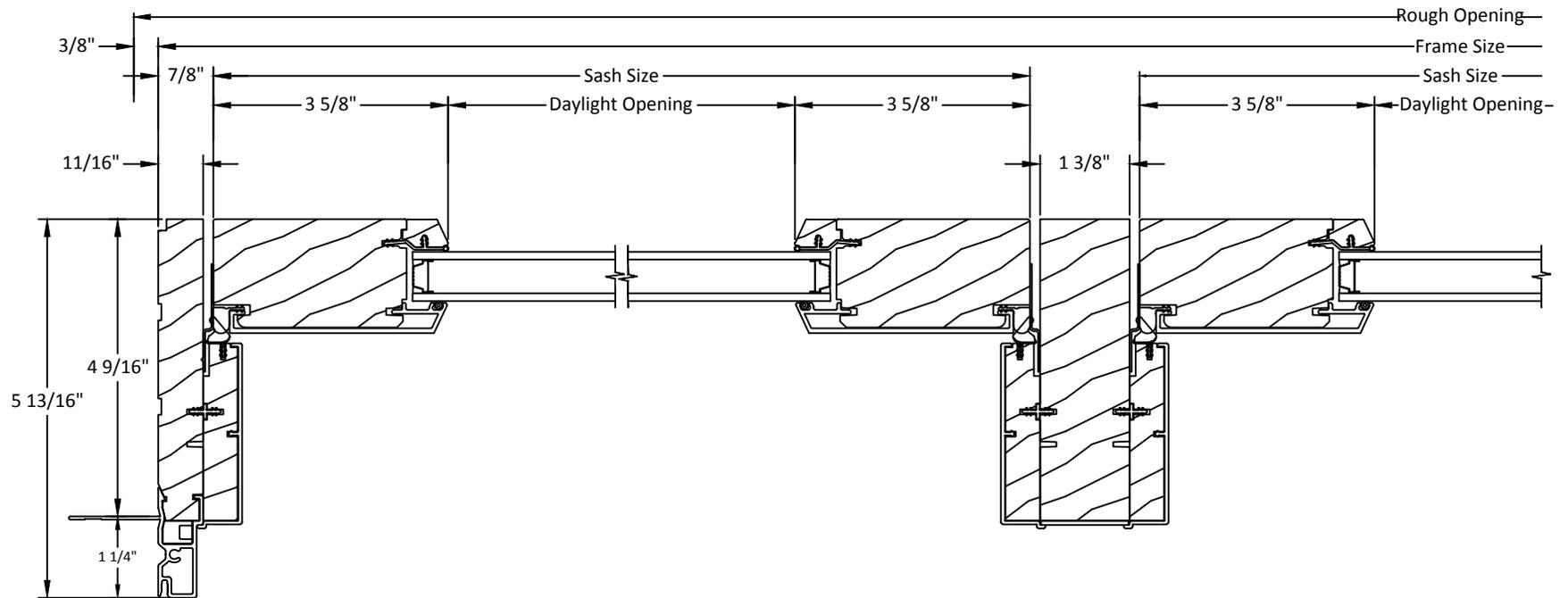
HORIZONTAL SECTION  
IN-SWING  
SIDELITE STILE TRANSOM - 2 PANEL



HORIZONTAL SECTION  
IN-SWING  
WIDE STILE TRANSOM - 3 PANEL



HORIZONTAL SECTION  
IN-SWING  
NARROW STILE TRANSOM - 3 PANEL



HORIZONTAL SECTION  
IN-SWING  
SIDELITE STILE TRANSOM - 3 PANEL

