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**PRODUCT SPECIFICATIONS**

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**EXTERIOR FINISH**

Exterior aluminum surfaces are finished with a fluoropolymer (70% Kynar 500®) multi-coat finish system to meet the performance standards required by AAMA specification #2605. 41 standard colors include Brilliant White, Chestnut Bronze, Desert Sand, French Vanilla, Hartford Green, Mesa Red, Black Licorice, Heirloom White, Hunter Green, Redwood, Sage Brown, Smoke, and more. Three copper finishes are available on door panels.

**AURALAST® WOOD**

AuraLast® wood is fundamentally different from wood treated in traditional millwork preservation processes in that it uses a proprietary vacuum/pressure process to provide protection throughout the wood parts used to make windows and doors. AuraLast® wood is distinguished from wood using traditional preservation methods by its unique ability to achieve greater penetration of the active ingredients into the wood parts, with a minimum treatment penetration of 92%.

**INTERIOR FINISH**

All interior surfaces are unfinished clear pine ready for on-site finishing. Optional interior wood species include vertical grain Douglas Fir, Mahogany and Knotty Alder. Primed interior also available.

**FRAME**

Frame is assembled from select kiln-dried pine AuraLast® wood on all exterior parts. Exterior surface is covered with .050 gauge extruded aluminum cladding. Standard jamb width is 4-9/16".

**PANELS**

1-23/32" thick select kiln-dried pine AuraLast® wood. Exterior surface is covered with .024 gauge roll formed aluminum cladding. The top and bottom rails are formed from solid Western Pine veneers laminated to a kiln dried edge-and-end-glued core, while the stiles have the same veneer laminated to a Timberstrand core. The standard layout is 6-5/8" top rail and stiles, and a 10-1/4" bottom rail.

**GLAZING**

Insulating glass is constructed from two panes of tempered glass, utilizing a continuous roll formed stainless steel spacer with dual sealant. A computer-controlled application of clear silicone is used to bed the exterior of the insulating glass into the panel. An acrylic sealant is used to bed the interior. All insulating glass units comply with the performance requirements of IGCC in accordance with either ASTM E774 or E2190.

**GLAZING OPTIONS - TEMPERED**

Tempered insulating glass available in Low-E with Argon, Low-E, Low-E 366, Clear, Neat Glass, Seedy Reamy, tinted, reflective, or obscure, or other specialty glass as specified. Preserve® film is a 0.003" thick polyethylene film with a low tack acrylic adhesive applied to the glass for protection during shipping and installation. Installations at 4,000 foot elevations and higher require a capillary tube to equalize environmental stress (otherwise known as High Altitude glazing). High altitude glazing does not allow the use of Argon as listed under glazing options.

**WEATHER-STRIPPING**

Engineered system with dual foam filled bulb seal compressed between the exterior of the panel and the frame in a continuous plane on all four sides. A Pemko two-piece adjustable astragal is applied to each panel on double door applications.

**SILL**

The sill is a dark bronze anodized aluminum, 1/2" high to meet the standards set forth by the ADA for handicap access. A door shoe/kick plate with an integral sweep is applied to the panel.

**HARDWARE**

The door panels are mounted into the frame utilizing steel based ball bearing hinges in Brushed Chrome, Polished Brass or Oil-Rubbed Bronze. The door panels are not bored for handle sets.

**GRILLES**

**SDL** (Simulated Divided Lites) - extruded aluminum muntins permanently applied to the exterior of the insulating glass unit (not available on textured glass) in 5/8", 7/8", 1-1/8", or 1-3/8" widths. Profiles are bead stop in all widths, and a putty profile in 5/8", 7/8", and 1-1/8" widths only. 1" Copper SDL is also available. SDL is standard with a light bronze internal shadow bar to give a true divided lite appearance. As an option, SDL may be ordered with a silver shadow bar. Clear wood interior muntin bars match the exterior muntin width and are permanently bonded to the interior of the glass. Also available is a 2-5/16" SDL bar, which simulates a double-hung checkrail.

**Full-Surround Removable Wood Grilles** - Rectangular, unfinished interior clear pine wood grilles in 7/8", 1-1/8", and 1-3/8" are available in patterns selected by the owner.

**GBG** (Grilles between the Glass) - 5/8" flat, 23/32" contour, or 1" contour grilles mounted between the glass panes suspended within the air cavity.

**EXTERIOR TRIM**

Nail flange and drip cap standard with optional extruded aluminum brickmould, 3-1/2" flat, 3-1/2" Adams and Heritage trims. Optional mull covers to accommodate 1" (spread only), 2", 3-1/2" and 6" spread and stud pocket mull.

**EXTENSION JAMBS**

Extension jambs are available for wall depths up to 6-11/16".

**INSTALLATION**

Installation per JELD-WEN Installation Method for Metal Clad Patio Doors. See [www.jeld-wen.com/resources](http://www.jeld-wen.com/resources) for instructions.

See [www.jeld-wen.com](http://www.jeld-wen.com) for architectural and performance information.

**QUICK SPEC GUIDE**

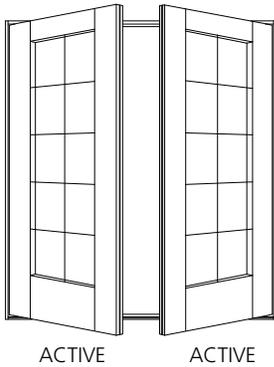
SPECIFICATION	STANDARD FEATURES	OPTIONAL FEATURES <i>Some options may require additional lead times. Consult your JELD-WEN Sales Representative.</i>	
<b>EXTERIOR FINISH</b>	<ul style="list-style-type: none"> <li>• Brilliant White</li> <li>• Chestnut Bronze</li> <li>• Desert Sand</li> <li>• French Vanilla</li> <li>• Mesa Red</li> <li>• Hartford Green</li> <li>• Black Licorice</li> <li>• Heirloom White</li> <li>• Hunter Green</li> <li>• Redwood</li> <li>• Sage Brown</li> <li>• Smoke</li> <li>• Artic Silver</li> <li>• Dark Chocolate</li> <li>• Black Emerald</li> <li>• Bone White</li> <li>• Bronze</li> <li>• Buckskin</li> <li>• Cambridge White</li> <li>• Capri Blue</li> <li>• Cascade</li> </ul>	<ul style="list-style-type: none"> <li>• Champagne</li> <li>• Clover Mist</li> <li>• Dark Buckskin</li> <li>• Dark Ivy</li> <li>• Deep Summer</li> <li>• Garnet</li> <li>• Haverstraw</li> <li>• Hudson Blue</li> <li>• Ivory</li> <li>• Ivy</li> <li>• Liberty Blue</li> <li>• Mocha Cream</li> <li>• Mosaic Green</li> <li>• Pueblo Tan</li> <li>• Rosewood</li> <li>• Scarlet Haze</li> <li>• Sea Foam</li> <li>• Teal</li> <li>• Wedgewood</li> <li>• White</li> </ul>	<ul style="list-style-type: none"> <li>• Custom Color Matching</li> </ul> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Panel Only:</p> <ul style="list-style-type: none"> <li>• Bright Copper</li> <li>• Speckled Patina Copper</li> <li>• Hand Rubbed Patina Copper</li> </ul> </div>
<b>EXTERIOR TRIM</b>	<ul style="list-style-type: none"> <li>• Drip Cap &amp; Integral Nailing Fin</li> </ul>	<ul style="list-style-type: none"> <li>• Extruded Aluminum Brickmould</li> <li>• Adams Casing</li> </ul>	<ul style="list-style-type: none"> <li>• 3-1/2" Flat Casing</li> <li>• Heritage Casing</li> <li>• Folding Nailing Fin</li> </ul>
<b>INTERIOR WOOD</b>	<ul style="list-style-type: none"> <li>• Western Pine</li> </ul>	<ul style="list-style-type: none"> <li>• Knotty Alder</li> <li>• Vertical Grain Douglas Fir</li> <li>• Mahogany</li> </ul>	
<b>INTERIOR FINISH</b>	<ul style="list-style-type: none"> <li>• Natural</li> </ul>	<ul style="list-style-type: none"> <li>• Priming Available</li> </ul> <p>Pre-finished Interior Options are:</p> <ul style="list-style-type: none"> <li>• Paint - Pure White, Extra White, Natural Choice, Moderate White</li> <li>• Stain - Wheat, Fruitwood, Cherry, Cordovan, Cider</li> <li>• Clear Lacquer</li> </ul>	
<b>SIZE</b>	<ul style="list-style-type: none"> <li>• Width: 3-0, 3-6, 3-8, 6-0, 7-0</li> <li>• Height: 6-8, 7-0, 8-0, 9-0</li> </ul>	<ul style="list-style-type: none"> <li>• Any Width: 36 to 44</li> <li>• Any Height: 80 to 108</li> </ul>	
<b>GLAZING (ALL TEMPERED)</b>	<ul style="list-style-type: none"> <li>• Low-E Tempered Insulating Glass (with Argon)</li> <li>• Low-E 366</li> <li>• Preserve® Protective Film</li> </ul>	<ul style="list-style-type: none"> <li>• Clear</li> <li>• Obscure</li> <li>• Tints: Bronze, Gray, Green</li> <li>• Reflective</li> <li>• Glue Chip</li> </ul>	<ul style="list-style-type: none"> <li>• Safety Laminate in Clear, Bronze or Gray</li> <li>• Neat Glass</li> <li>• Seedy Reamy</li> <li>• Rain</li> <li>• Narrow Reed</li> <li>• Tempered</li> <li>• Sandblasted</li> <li>• Impact Resistant</li> </ul>
		<ul style="list-style-type: none"> <li>• High Altitude (Breather Tube, no Argon)</li> </ul>	

*Continued on next page*

**QUICK SPEC GUIDE**

SPECIFICATION	STANDARD FEATURES	<b>OPTIONAL FEATURES</b> <i>Some options may require additional lead times.                      Consult your JELD-WEN Sales Representative.</i>
<b>GRILLES</b>		SDL Bead Profile: <ul style="list-style-type: none"> <li>• 5/8", 7/8", 1-1/8", 1-3/8", 2-5/16" with Light Bronze Shadow Bar</li> <li>• 5/8", 7/8", 1-1/8", 1-3/8", 2-5/16" with Silver Shadow Bar</li> </ul> SDL Putty Profile: <ul style="list-style-type: none"> <li>• 5/8", 7/8" and 1-1/8" with Light Bronze Shadow Bar</li> <li>• 5/8", 7/8" and 1-1/8" with Silver Shadow Bar</li> </ul> <ul style="list-style-type: none"> <li>• 1" Copper SDL</li> </ul> GBG (Grilles between the Glass): <ul style="list-style-type: none"> <li>• 5/8" Flat, 23/32" Contour, 1" Contour</li> </ul> Full-Surround: <ul style="list-style-type: none"> <li>• 7/8", 1-1/8", 1-3/8"</li> </ul>
<b>HARDWARE</b>	<ul style="list-style-type: none"> <li>• Ball Bearing Hinges</li> <li>• No Handle Set, No Bore</li> </ul>	
<b>HINGE COLOR</b>	<ul style="list-style-type: none"> <li>• Brushed Chrome</li> </ul>	<ul style="list-style-type: none"> <li>• Polished Brass</li> <li>• Oil-Rubbed Bronze</li> </ul>
<b>JAMB</b>	<ul style="list-style-type: none"> <li>• Applied, 5/4</li> <li>• 4-9/16"</li> <li>• Handicapped Sill</li> </ul>	<ul style="list-style-type: none"> <li>• Up to 6-11/16"</li> <li>• No Sill</li> </ul>

**GENERAL INFORMATION**



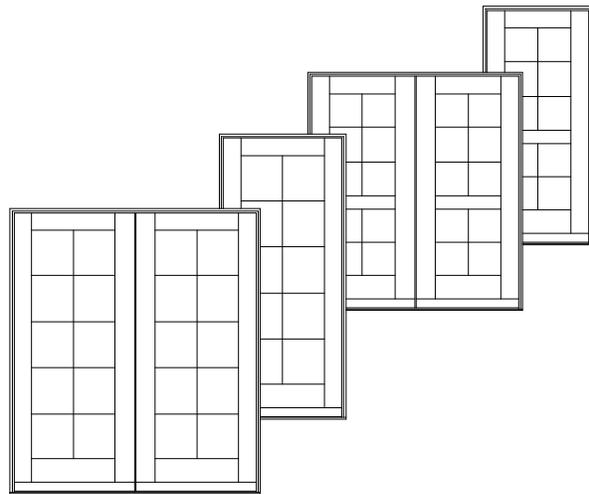
**DIMENSIONAL DOORS**

Clad Epic in-swing doors may be specified as "dimensional" by adjusting the desired rough opening width or height in 1/4" increments from standard.

Clad Epic in-swing doors are available in single and twin styles. The standard size range includes sizes specifically designed for replacement of older door models in existing structures, as well as a full range of "true size" products, for architectural consistency.

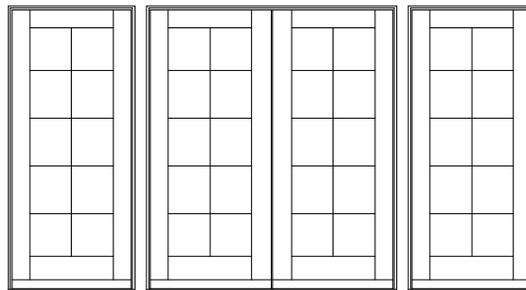
**OPERATION**

Clad Epic in-swing doors are available in single and twin operating styles. Single panel doors may be specified as stationary (non-venting) or can operate left or right. Two-panel doors feature two operating panels, both of which are active. Configuration and handing is based on viewing the door from the interior.



**MULTIPLE ASSEMBLIES**

Clad Epic in-swing doors may be mullered below or beside other clad door and clad window products. Factory assembled mulls are limited in height (100"), width (150"), and a total area (75 square feet).

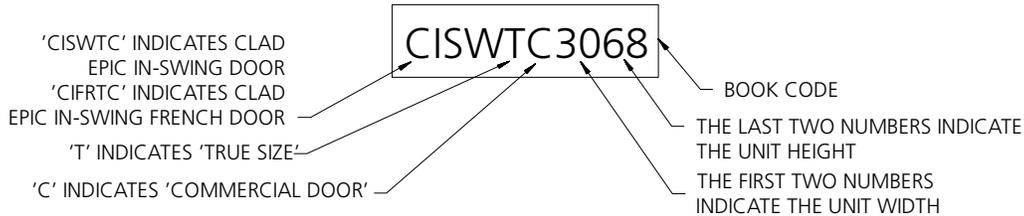
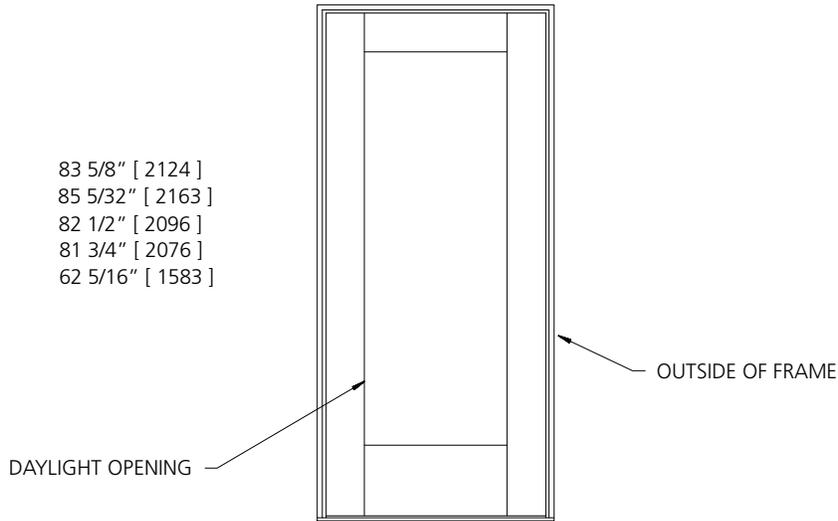


**ELEVATION NOTES**

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.

M.O. Brickmould	40 11/16" [ 1033 ]	
M.O. Adams/Flat Casing	43 3/4" [ 1111 ]	
Rough Opening	38 3/16" [ 970 ]	
Frame Size	37 7/16" [ 951 ]	
Daylight Opening	22 5/8" [ 575 ]	

Masonry Openings for Brickmould, Flat & Adams Casing.  
(Subtract 1/2" from Masonry Opening for Unit Size)



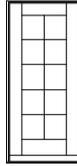
**GENERAL SWINGING DOOR NOTES**

1. CLAD EPIC IN-SWING DOOR (CISWTC) UNITS ARE AVAILABLE AS OPERATING OR STATIONARY 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 AND 10 1/4" BOTTOM RAILS ARE STANDARD ON ALL UNITS.
5. INTERMEDIATE LOCK RAILS & RAISED PANELS ARE AVAILABLE FOR ALL UNITS.

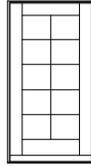
**1-PANEL UNITS**

<b>M.O. BRICKMOULD</b>	40 11/16" [1033]	46 11/16" [1186]	48 11/16" [1237]
<b>M.O. ADAMS/FLAT CASING</b>	43 3/4" [1111]	49 3/4" [1264]	51 3/4" [1314]
<b>ROUGH OPENING</b>	38 3/16" [970]	44 3/16" [1122]	46 3/16" [1175]
<b>FRAME SIZE</b>	37 7/16" [951]	43 7/16" [1103]	45 7/16" [1154]
<b>DAYLIGHT OPENING</b>	22 5/8" [575]	28 5/8" [727]	30 5/8" [779]

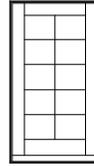
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85 5/32" [2165]  
84 1/2" [2095]  
81 3/4" [2076]  
62 5/16" [1582]



CISWTC3068

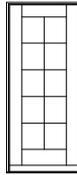


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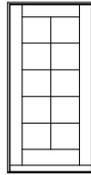


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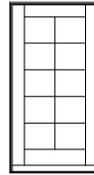
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89 5/32" [2265]  
86 1/2" [2197]  
85 3/4" [2178]  
66 5/16" [1684]



CISWTC3070

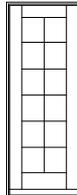


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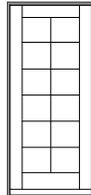


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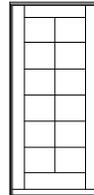
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101 5/32" [2569]  
98 1/2" [2502]  
97 3/4" [2483]  
78 5/16" [1989]



CISWTC3080

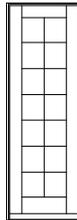


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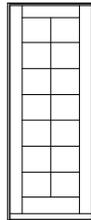


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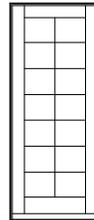
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113 5/32" [2874]  
110 1/2" [2806]  
109 3/4" [2788]  
90 5/16" [2294]



CISWTC3090



CISWTC3690



CISWTC3890

**ELEVATION SYMBOL LEGEND:**  
M.O. = MASONRY OPENING  
VALUES IN [ ] ARE IN MILLIMETER CONVERSIONS.

Note: Elevations shown DO NOT have exterior trim. Subtract 1/2" (12.7) from M.O. (Masonry Opening) for Unit Size. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

SCALE: 1/8" = 1'

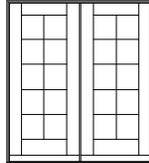
**2-PANEL UNITS**

**M.O. BRICKMOULD**  
**M.O. ADAMS/FLAT CASING**  
**ROUGH OPENING**  
**FRAME SIZE**  
**DAYLIGHT OPENING**

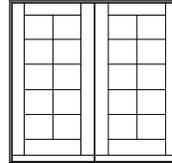
77" [1956]  
80 1/16" [2034]  
74 1/2" [1892]  
73 3/4" [1873]  
22 5/8" [575]

89" [2261]  
92 1/16" [2338]  
86 1/2" [2197]  
85 3/4" [2178]  
28 5/8" [727]

83 5/8" [2124]  
85 5/32" [2163]  
82 1/2" [2095]  
81 3/4" [2076]  
62 5/16" [1582]

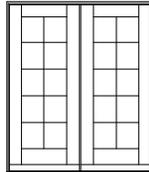


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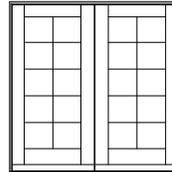


CIFRTC7068

87 5/8" [2226]  
89 5/32" [2265]  
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85 3/4" [2178]  
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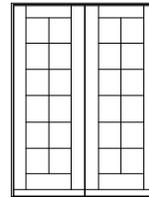


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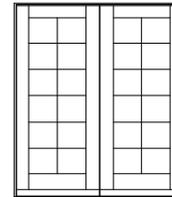


CIFRTC7070

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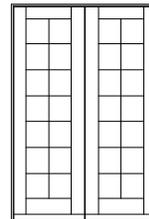


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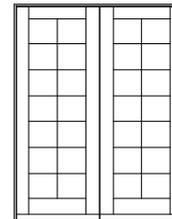


CIFRTC7080

111 5/8" [2835]  
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109 3/4" [2788]  
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CIFRTC6090



CIFRTC7090

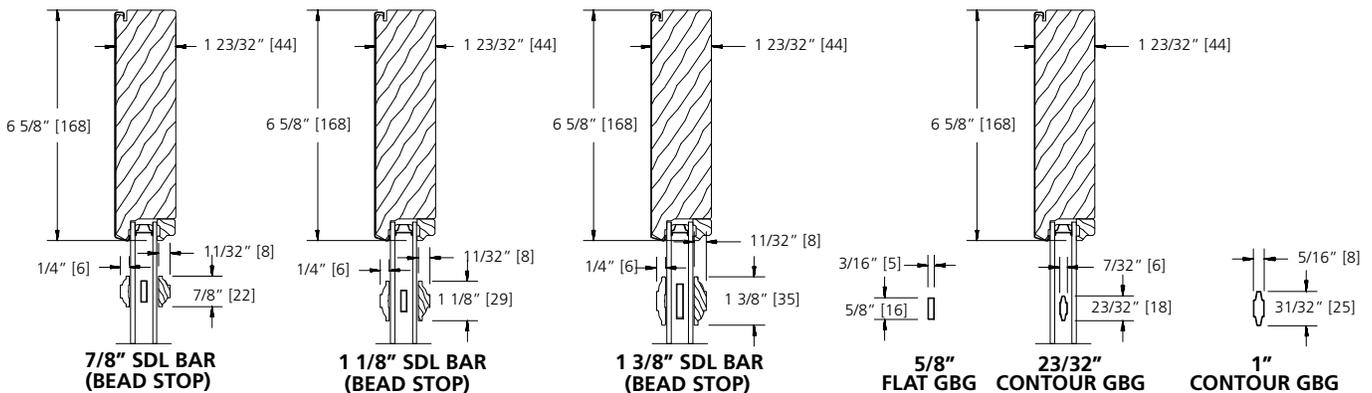
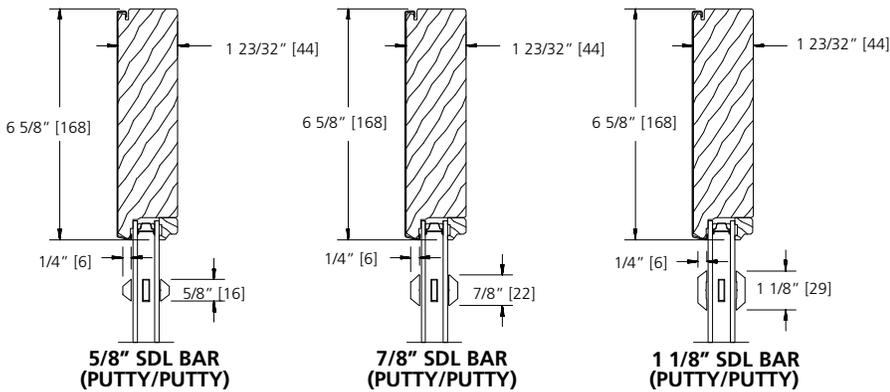
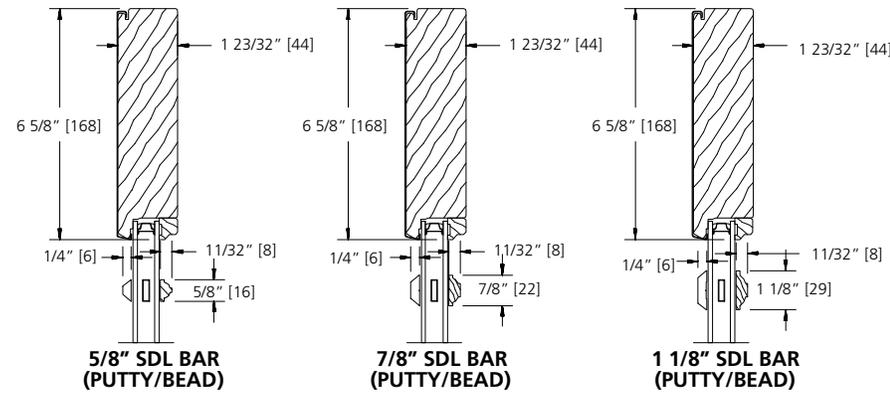
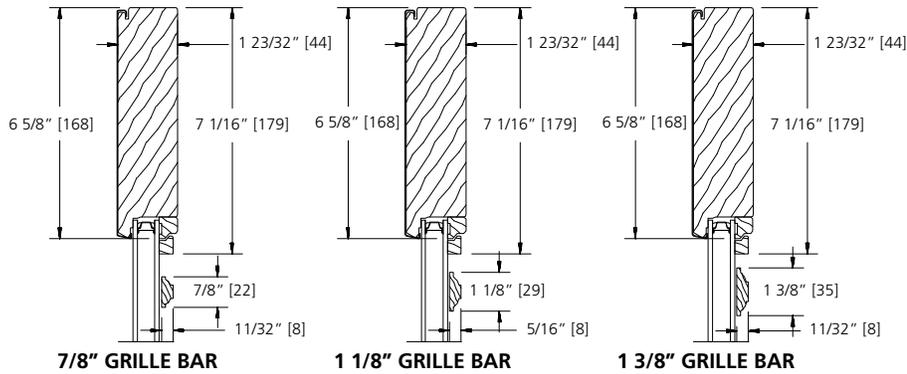
**ELEVATION SYMBOL LEGEND:**  
M.O. = MASONRY OPENING  
VALUES IN [ ] ARE IN MILLIMETER CONVERSIONS.

Note: Elevations shown DO NOT have exterior trim. Subtract 1/2" (12.7) from M.O. (Masonry Opening) for Unit Size. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

SCALE: 1/8" = 1'

**GLAZING OPTIONS**

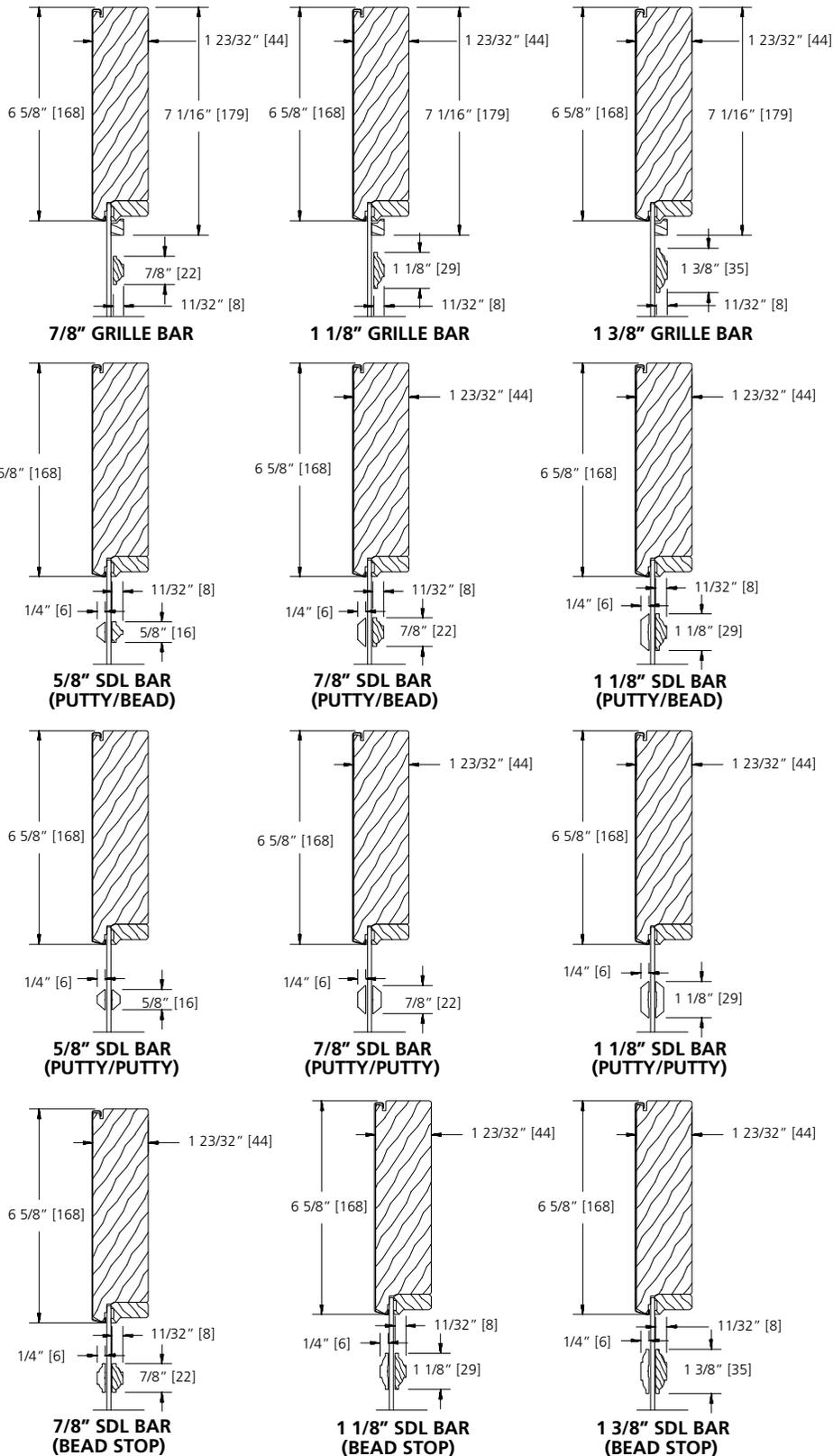
**INTERIOR GLAZED**  
INSULATED 3/4" [19] GLASS



SCALE: NTS

**GLAZING OPTIONS**

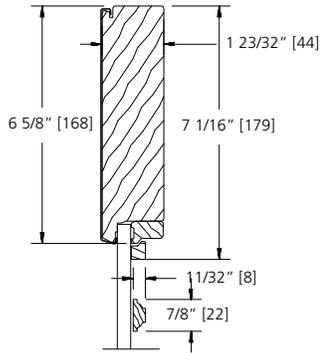
**INTERIOR GLAZED**  
SINGLE 1/8" [3] GLASS



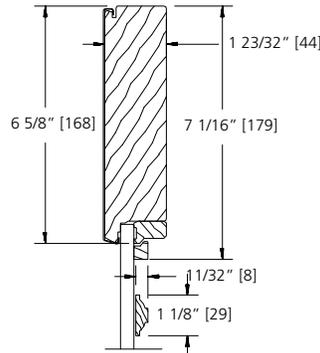
SCALE: NTS

**GLAZING OPTIONS**

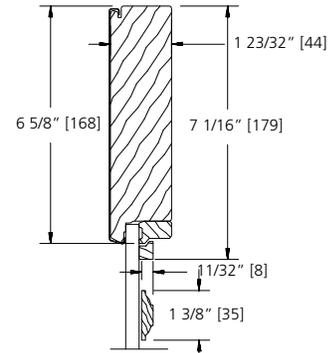
**INTERIOR GLAZED  
IMPACT RESISTANT GLASS**



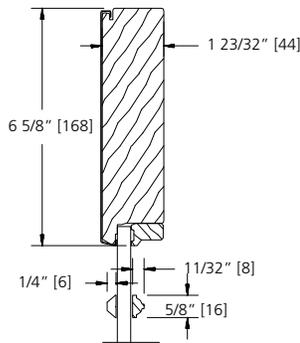
**7/8" GRILLE BAR**



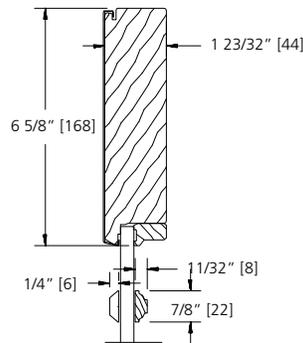
**1 1/8" GRILLE BAR**



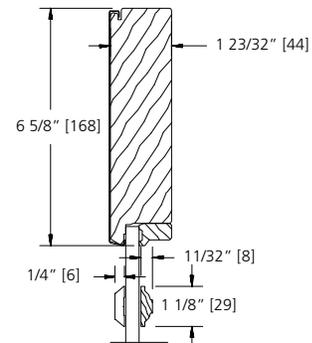
**1 3/8" GRILLE BAR**



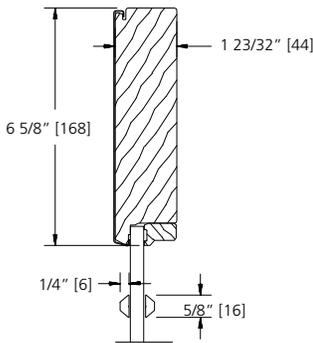
**5/8" SDL BAR  
(PUTTY/BEAD)**



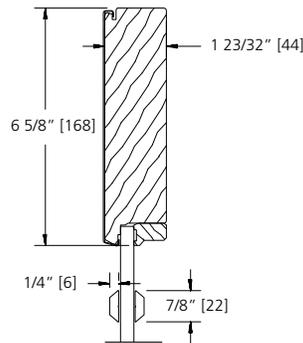
**7/8" SDL BAR  
(PUTTY/BEAD)**



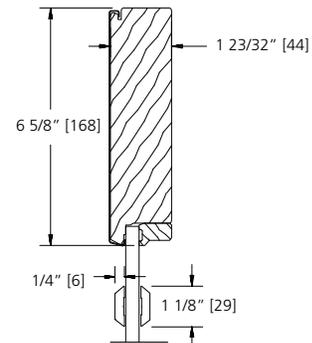
**1 1/8" SDL BAR  
(PUTTY/BEAD)**



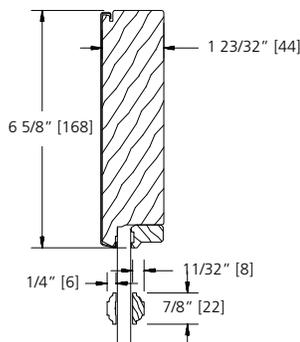
**5/8" SDL BAR  
(PUTTY/PUTTY)**



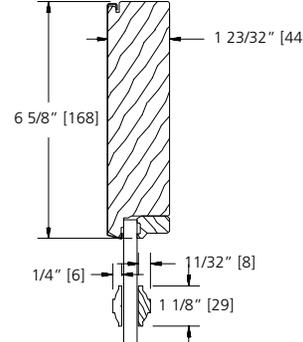
**7/8" SDL BAR  
(PUTTY/PUTTY)**



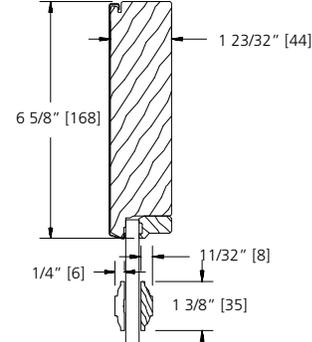
**1 1/8" SDL BAR  
(PUTTY/PUTTY)**



**7/8" SDL BAR  
(BEAD STOP)**



**1 1/8" SDL BAR  
(BEAD STOP)**

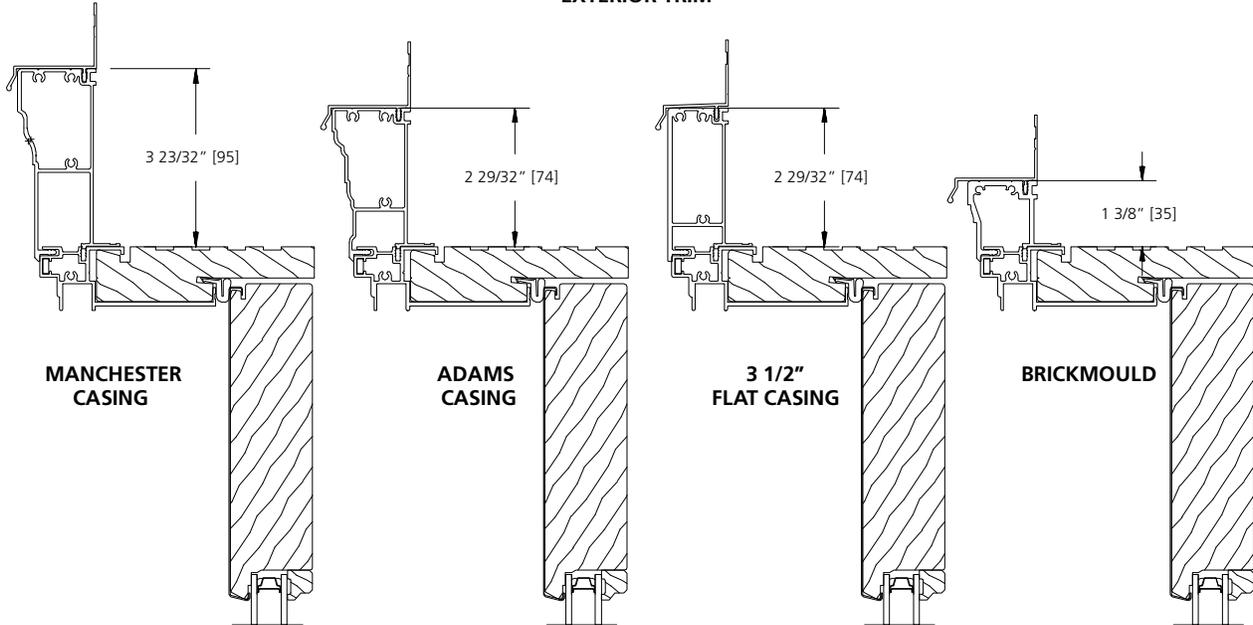


**1 3/8" SDL BAR  
(BEAD STOP)**

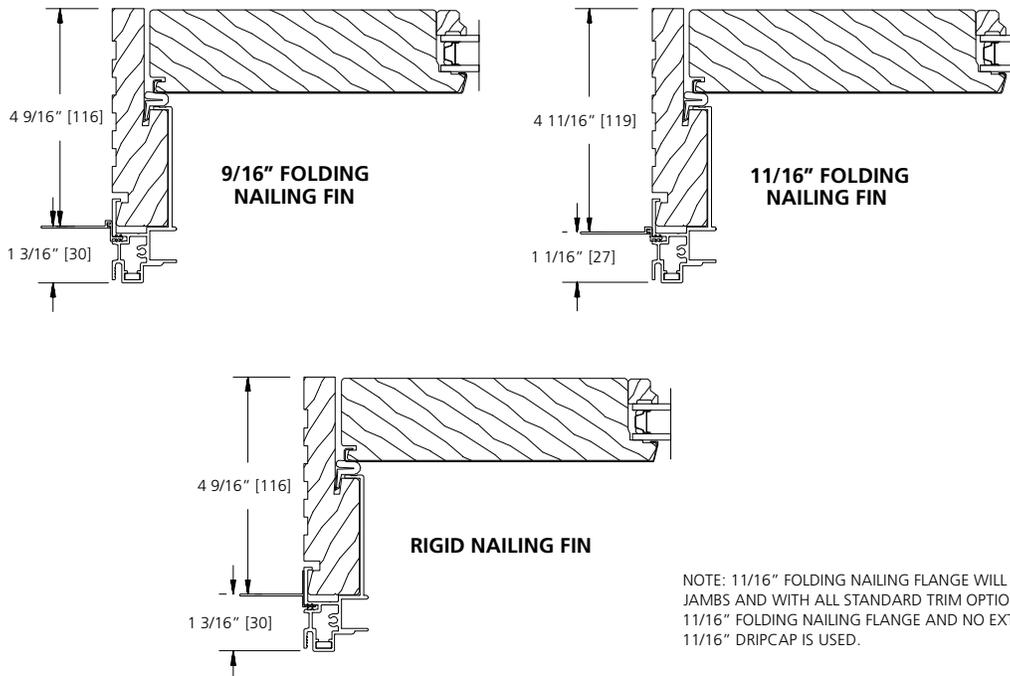
SCALE: NTS

**TRIM OPTIONS**

**EXTERIOR TRIM**



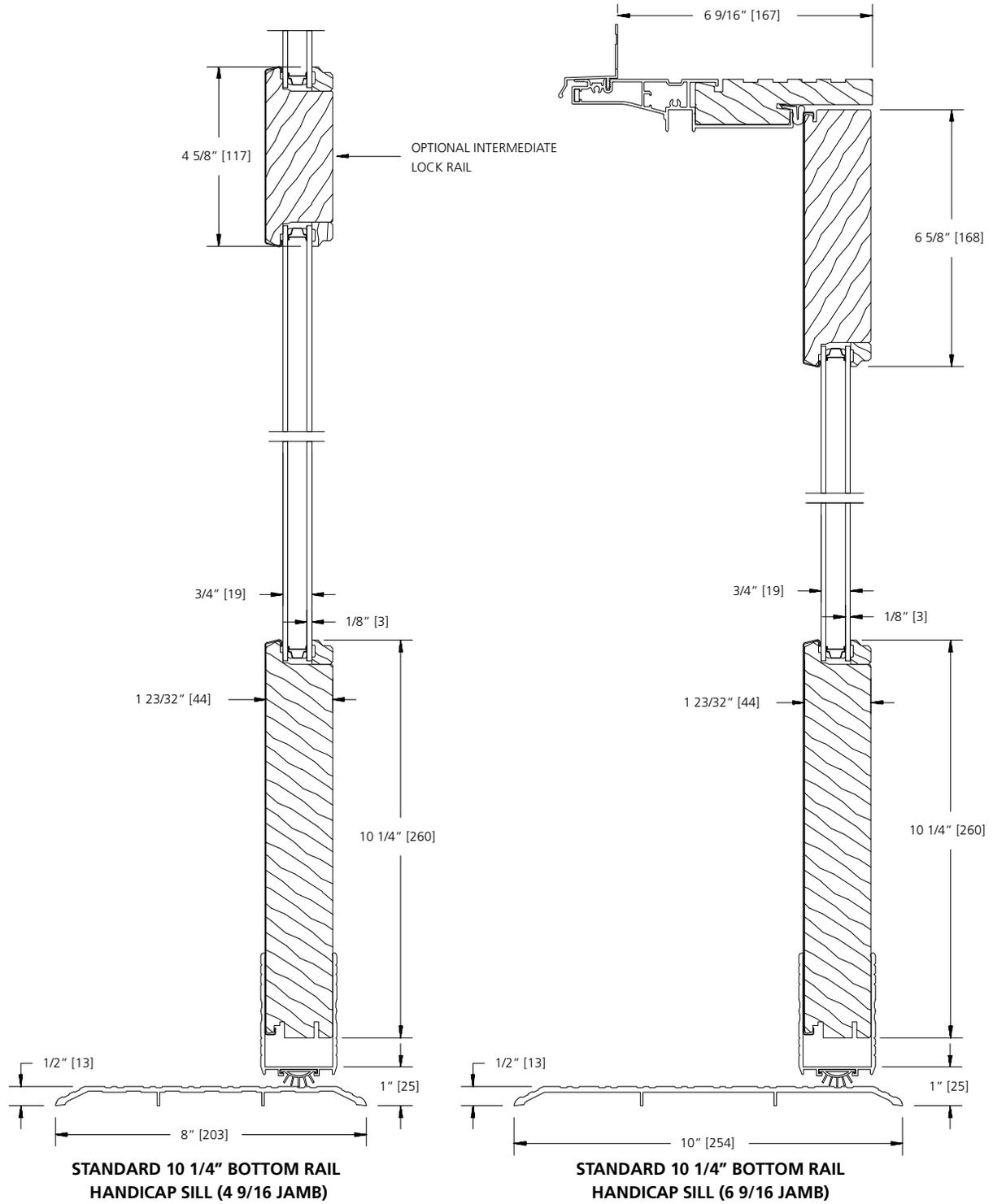
**NAILING FIN OPTIONS**



NOTE: 11/16" FOLDING NAILING FLANGE WILL BE USED ON SIDE JAMBS AND WITH ALL STANDARD TRIM OPTIONS. ON UNITS WITH 11/16" FOLDING NAILING FLANGE AND NO EXTERIOR TRIM, THE 11/16" DRIPCAP IS USED.

SCALE: 3" = 1'

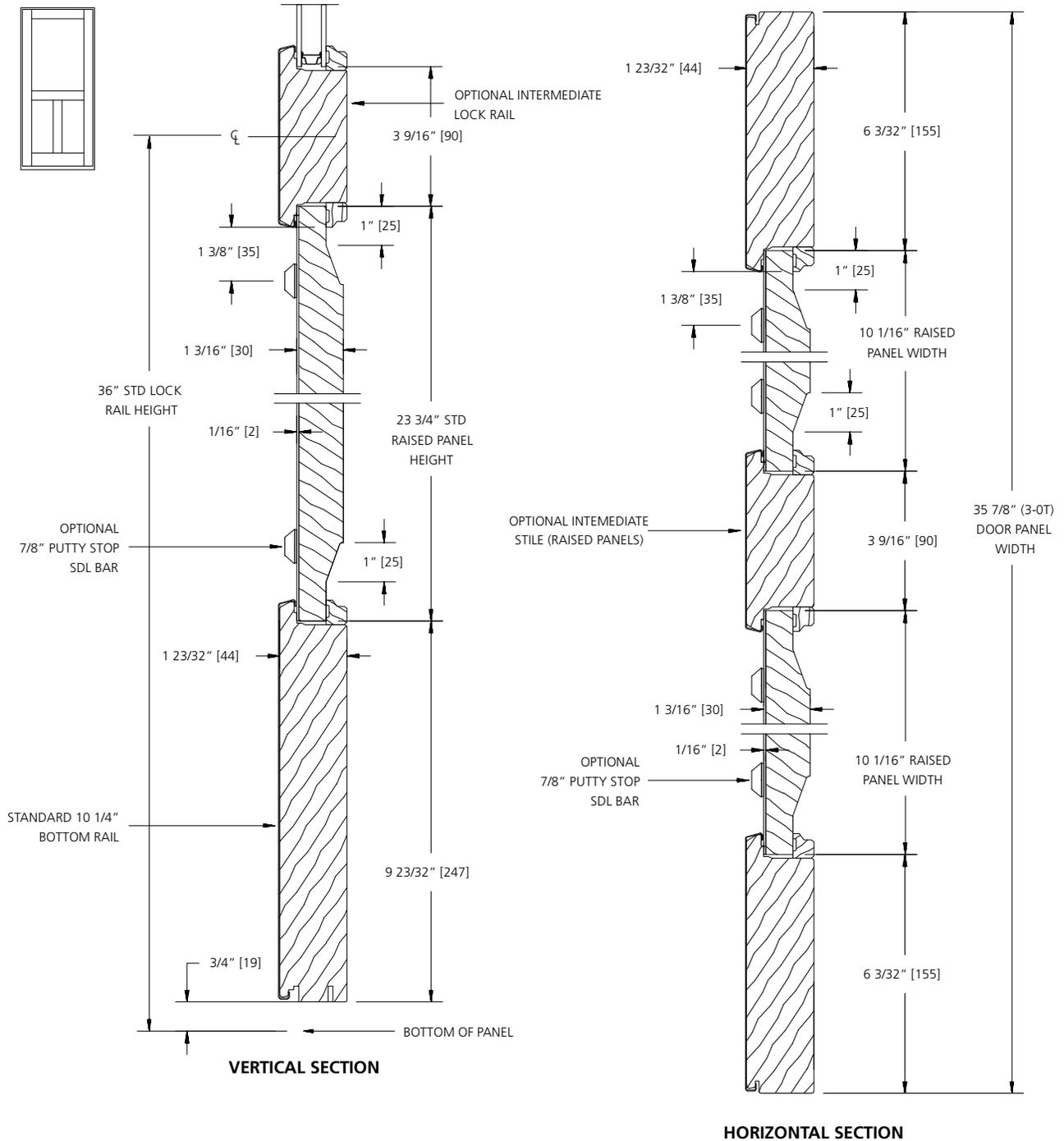
**RAIL, PANEL & SILL OPTIONS**



SCALE: 3" = 1'

**RAIL, PANEL & SILL OPTIONS**

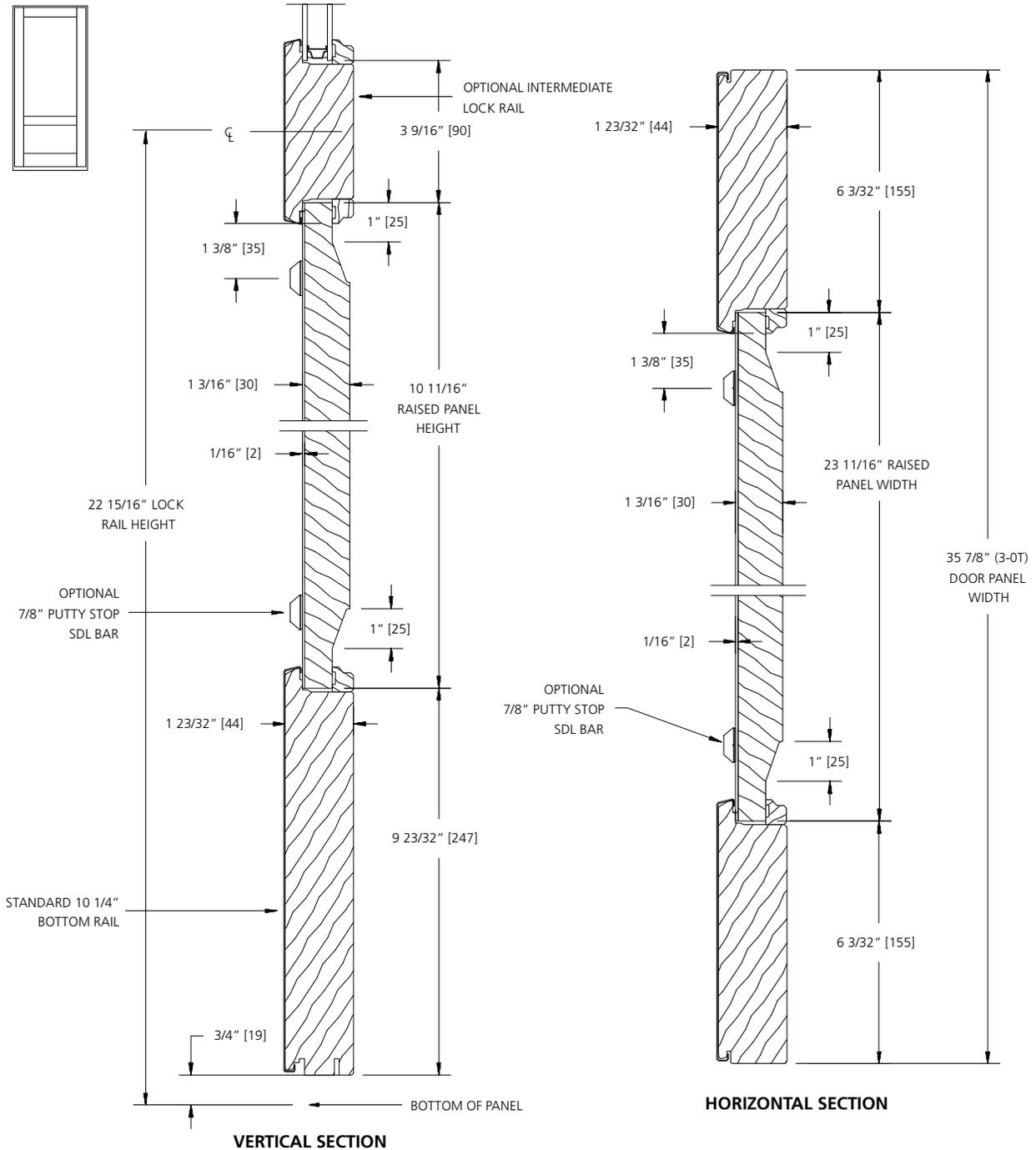
**STANDARD RAISED PANEL OPTIONS**



SCALE: 3" = 1'

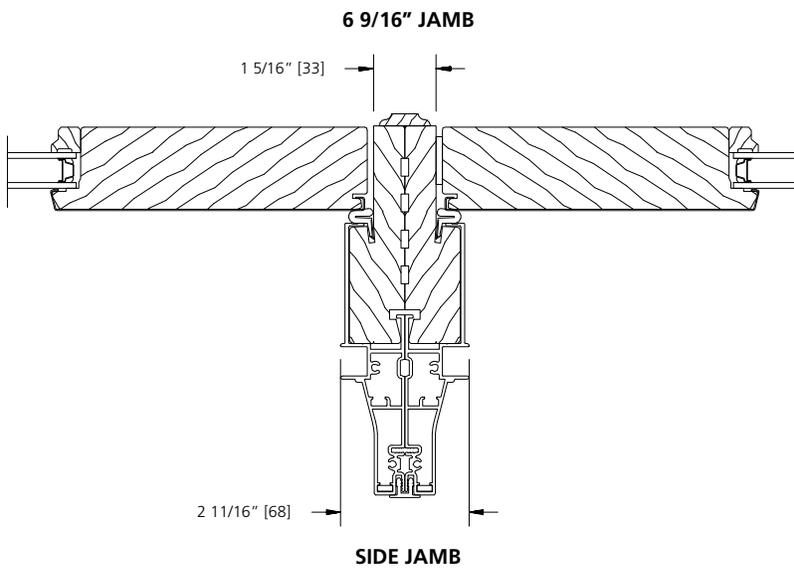
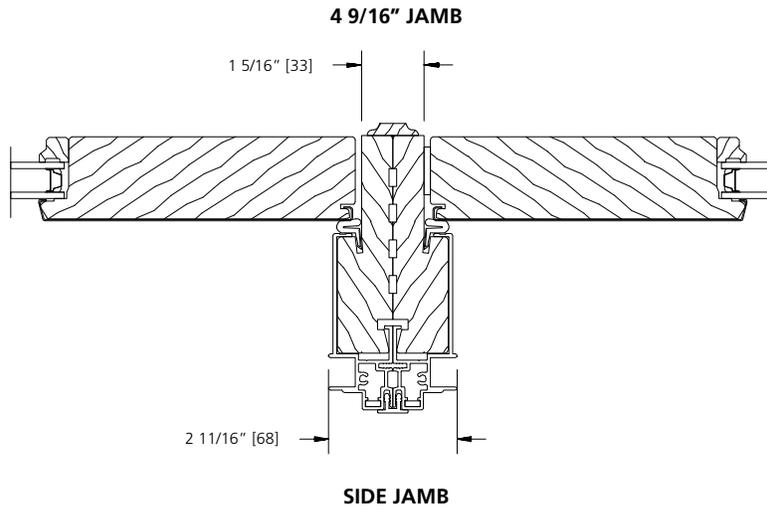
**RAIL, PANEL & SILL OPTIONS**

**OPTIONAL RAISED PANEL OPTIONS**



SCALE: 3" = 1'

**STANDARD MULLION DETAILS**

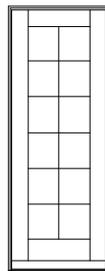


**LITE CUT INFORMATION**

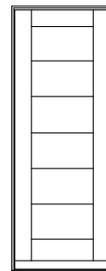
Clad Epic inswing doors are available with removable grilles in 5/8", 7/8", 1-1/8", and 1-3/8" widths with GBG (Grilles between the Glass), or with Simulated Divided Lites. Standard lite cuts are rectangular.

**LITE CUT OPTIONS**

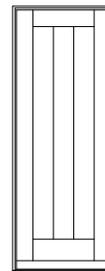
Special lite cut patterns can include a wide variety of straight line and radius patterns. The illustrations shown here represent just a few of the possibilities. Rectangular, horizontal, vertical and Prairie lite patterns are available in all standard size clad Epic swinging doors. Uneven, diamond,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



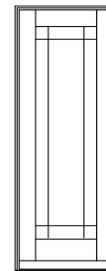
RECTANGULAR



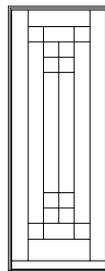
HORIZONTAL



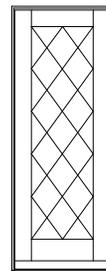
VERTICAL



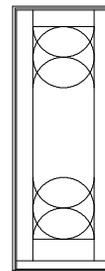
PRAIRIE



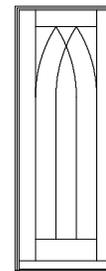
UNEVEN



DIAMOND



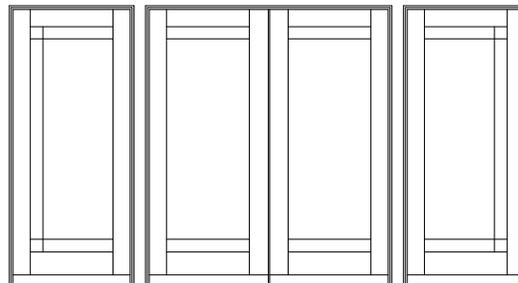
RADIUS



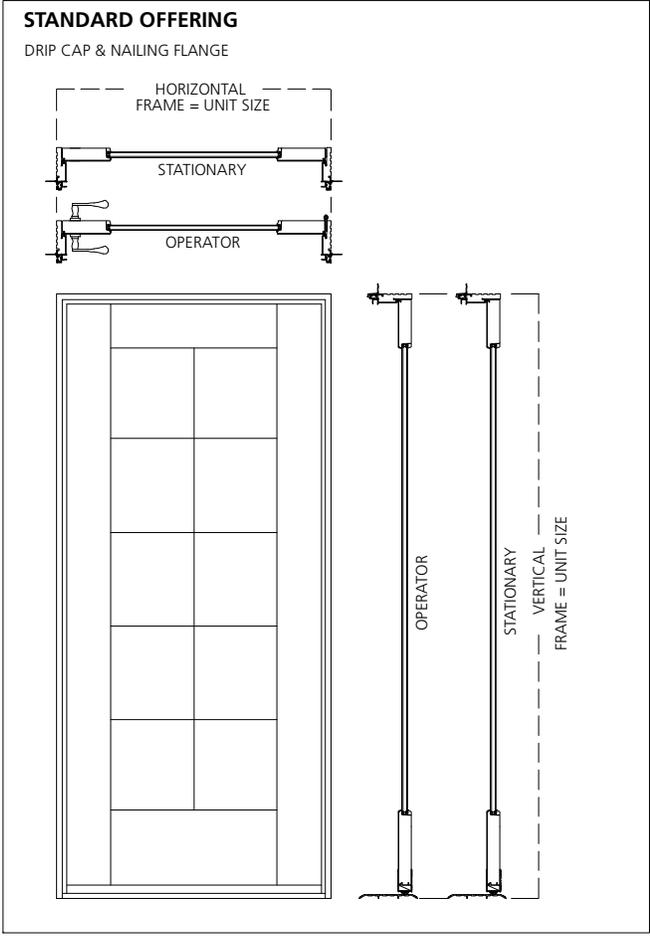
GOTHIC

**BAR ALIGNMENT**

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



**UNIT SIZING, ROUGH OPENINGS  
& MASONRY OPENINGS**



**GENERAL NOTES:**

UNITS WITH NO EXTERIOR TRIM  
OR DRIP CAP & NAILING FLANGE:  
FRAME SIZE = UNIT SIZE

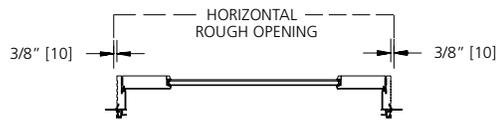
UNIT SIZE IS ALWAYS THE  
EXTREME SIZE OF THE DOOR  
WITH OR WITHOUT TRIM  
(DRIP CAP & NAILING FLANGE ARE  
NOT ADDED TO ANY UNIT SIZING)

ROUGH OPENING IS ALWAYS 3/4" OVER  
FRAME SIZE OF THE DOOR

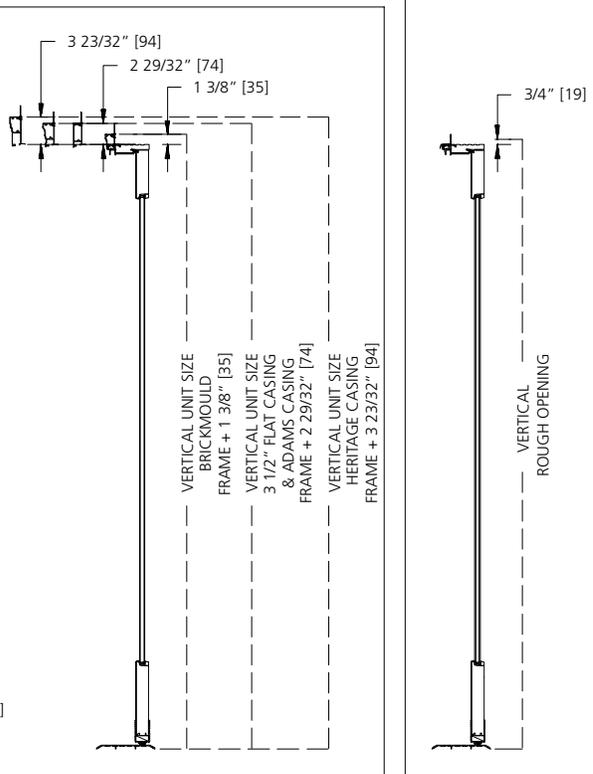
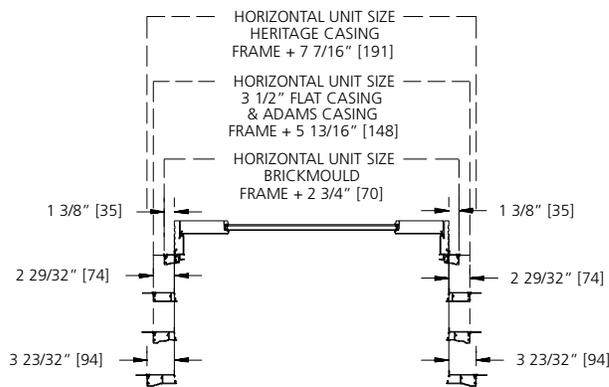
MASONRY OPENING IS ALWAYS 1/2"  
OVER THE UNIT SIZE OF THE DOOR

**ROUGH OPENING:**

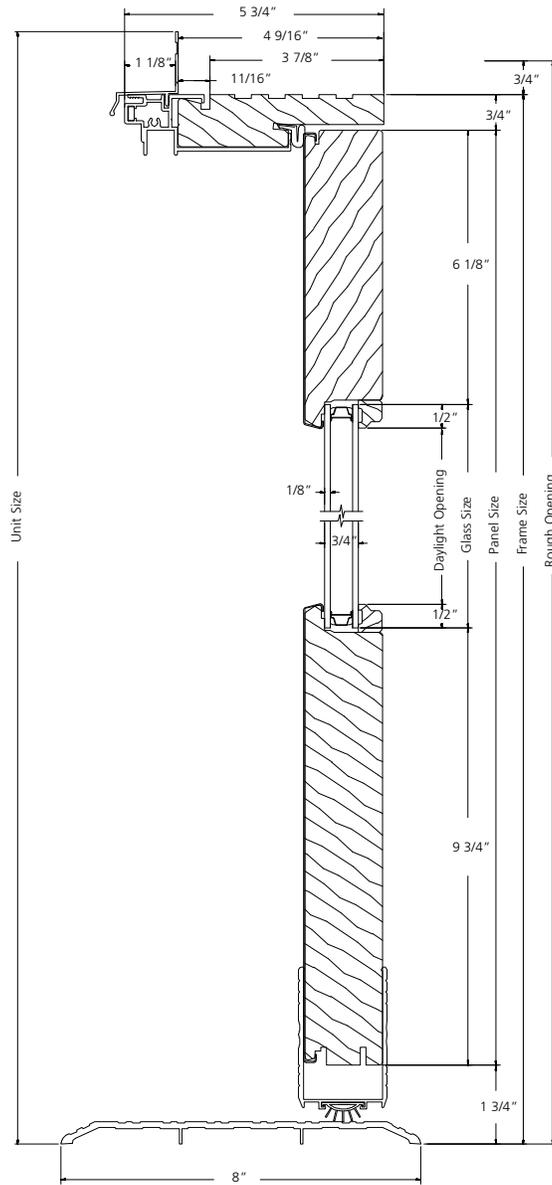
DRIP CAP & NAILING FLANGE



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



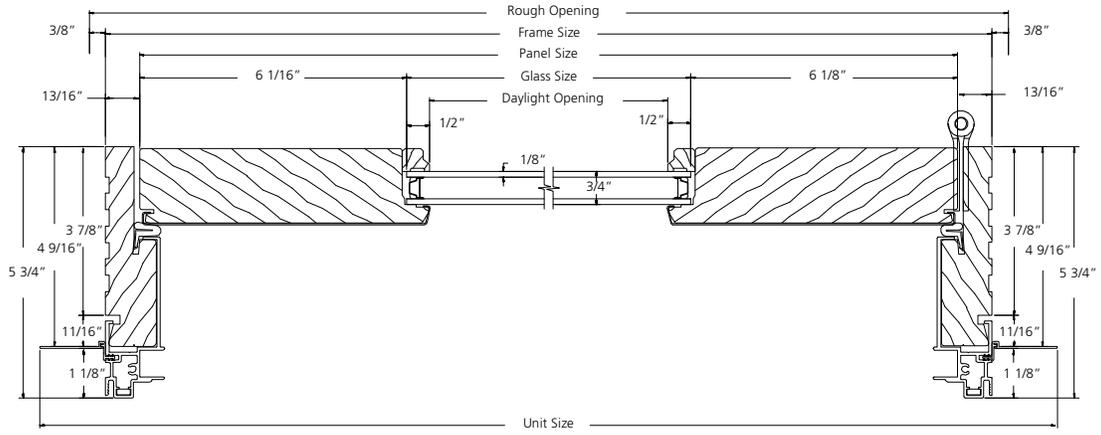
**1-PANEL UNITS**



**VERTICAL SECTION**

SCALE: 3" = 1'

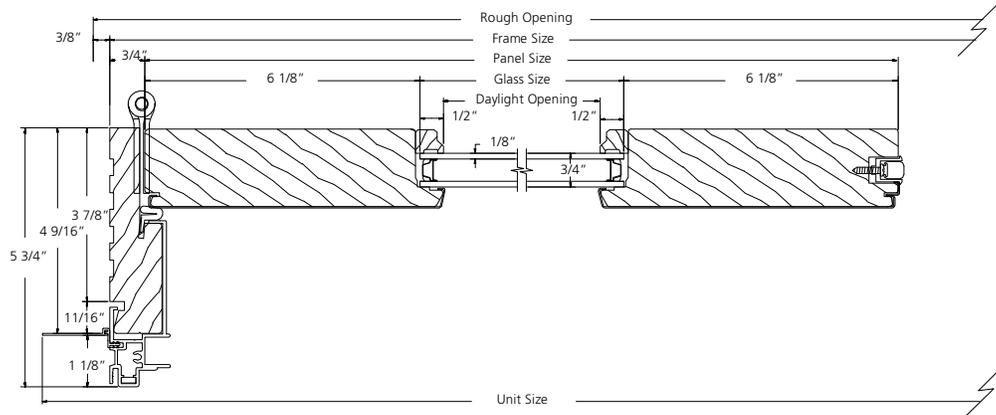
**1-PANEL UNITS**



**HORIZONTAL SECTION**

SCALE: 3" = 1'

**2-PANEL FRENCH UNITS**



**HORIZONTAL SECTION**

SCALE: 3" = 1'