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PRODUCT SPECIFICATIONS

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 seal 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 for instructions.

See www.jeld-wen.com for architectural and performance information.

QUICK SPEC GUIDE

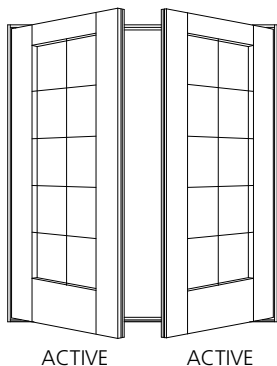
SPECIFICATION	STANDARD FEATURES	OPTIONAL FEATURES <i>Some options may require additional lead times. Consult your JELD-WEN Sales Representative.</i>	
EXTERIOR FINISH	<ul style="list-style-type: none"> Brilliant White Chestnut Bronze Desert Sand French Vanilla Mesa Red Hartford Green Black Licorice Heirloom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

Continued on next page

QUICK SPEC GUIDE

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

GENERAL INFORMATION



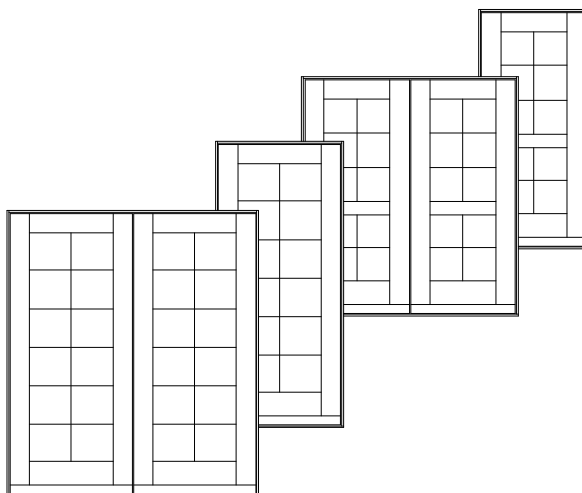
DIMENSIONAL DOORS

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

Clad Epic out-swing doors are available in single & 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.

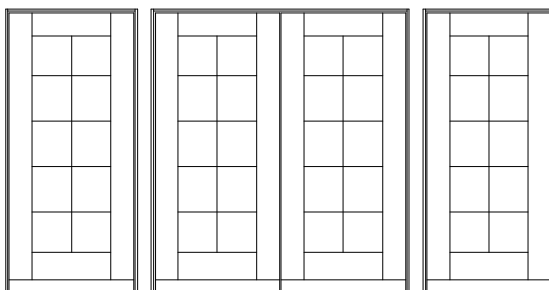
OPERATION

Clad Epic out-swing doors are available in single & 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 exterior.



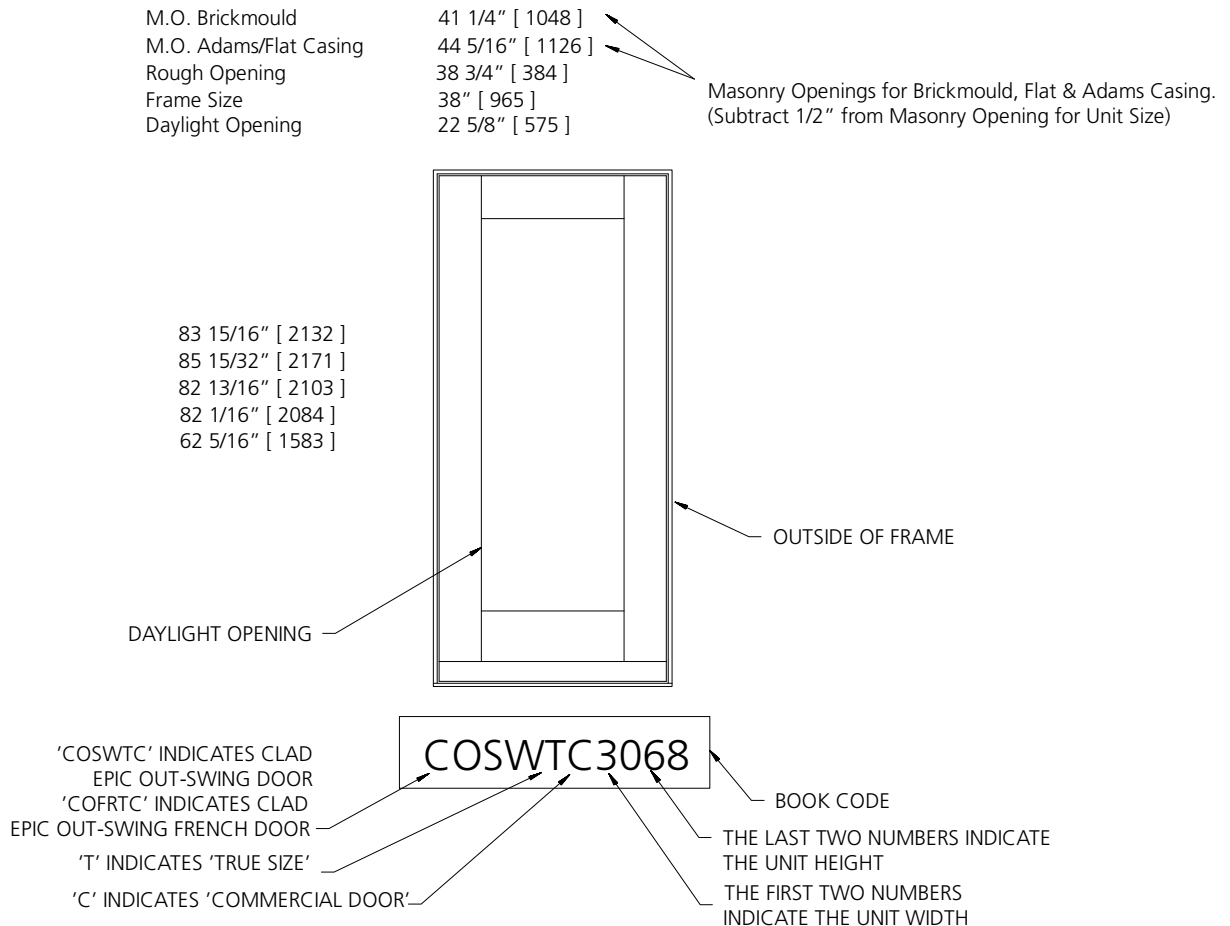
MULTIPLE ASSEMBLIES

Clad Epic out-swing doors may be mulled 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.



GENERAL SWINGING DOOR NOTES

1. CLAD EPIC OUT-SWING DOOR (COSWTC) 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

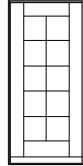
M.O. BRICKMOLD
M.O. ADAMS/FLAT CASING
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

41 1/4" [1048]
44 5/16" [1126]
38 3/4" [984]
38" [965]
22 5/8" [575]

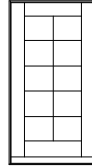
47 1/4" [1200]
50 5/16" [1278]
44 3/4" [1136]
44" [1118]
28 5/8" [727]

49 1/4" [1251]
52 5/16" [1329]
46 3/4" [1181]
46" [1168]
30 5/8" [779]

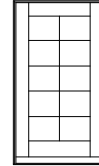
83 15/16" [2132]
85 15/32" [2171]
83 5/16" [2116]
82 9/16" [2079]
62 5/16" [1582]



COSWTC3068

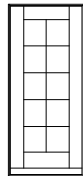


COSWTC3668

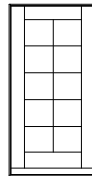


COSWTC3868

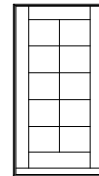
87 15/16" [2234]
89 15/32" [2273]
87 5/16" [2218]
86 9/16" [2199]
66 5/16" [1684]



COSWTC3070

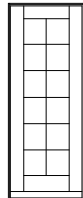


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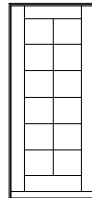


COSWTC3870

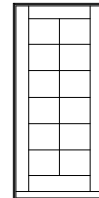
99 15/16" [2538]
101 15/32" [2577]
99 5/16" [2523]
98 9/16" [2503]
78 5/16" [1989]



COSWTC3080

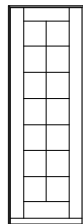


COSWTC3680

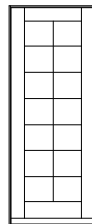


COSWTC3880

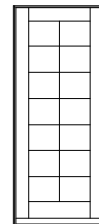
111 15/16" [2843]
113 15/32" [2882]
111 5/16" [2829]
110 9/16" [2808]
90 5/16" [2294]



COSWTC3090



COSWTC3690



COSWTC3890

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'

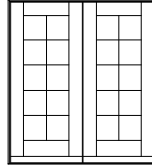
2-PANEL UNITS

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

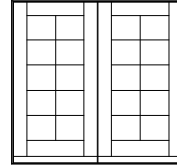
77 9/16" [1970]
80 5/8" [2048]
75 1/16" [1906]
74 5/16" [1888]
22 5/8" [575]

89 9/16" [2275]
92 5/8" [2353]
87 1/16" [2211]
86 5/16" [2192]
28 5/8" [727]

83 15/16" [2132]
85 15/32" [2171]
83 5/16" [2116]
82 9/16" [2097]
62 5/16" [1582]

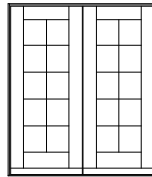


COFRTC6068

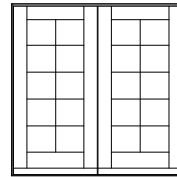


COFRTC7068

87 15/16" [2234]
89 15/32" [2273]
87 5/16" [2218]
86 9/16" [2199]
66 5/16" [1684]

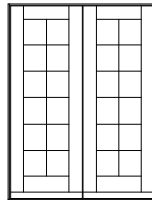


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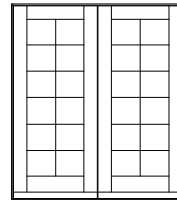


COFRTC7070

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101 15/32" [2577]
99 5/16" [2523]
98 9/16" [2503]
78 5/16" [1989]

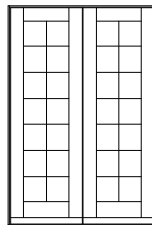


COFRTC6080

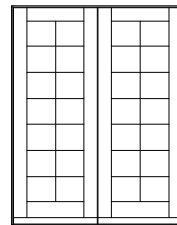


COFRTC7080

111 15/16" [2843]
113 15/32" [2882]
111 5/16" [2829]
110 9/16" [2808]
90 5/16" [2294]



COFRTC6090

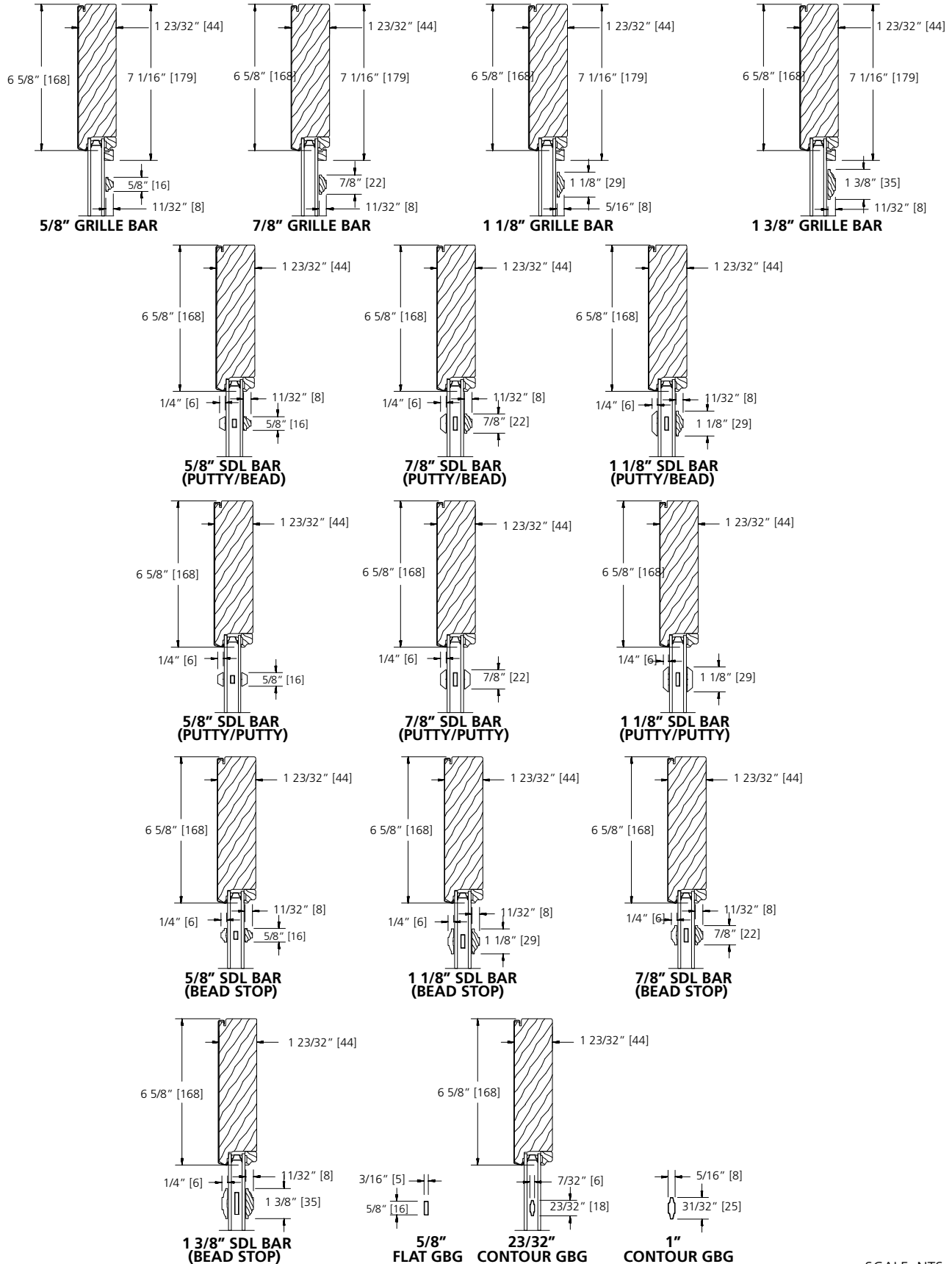


COFRTC7090

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

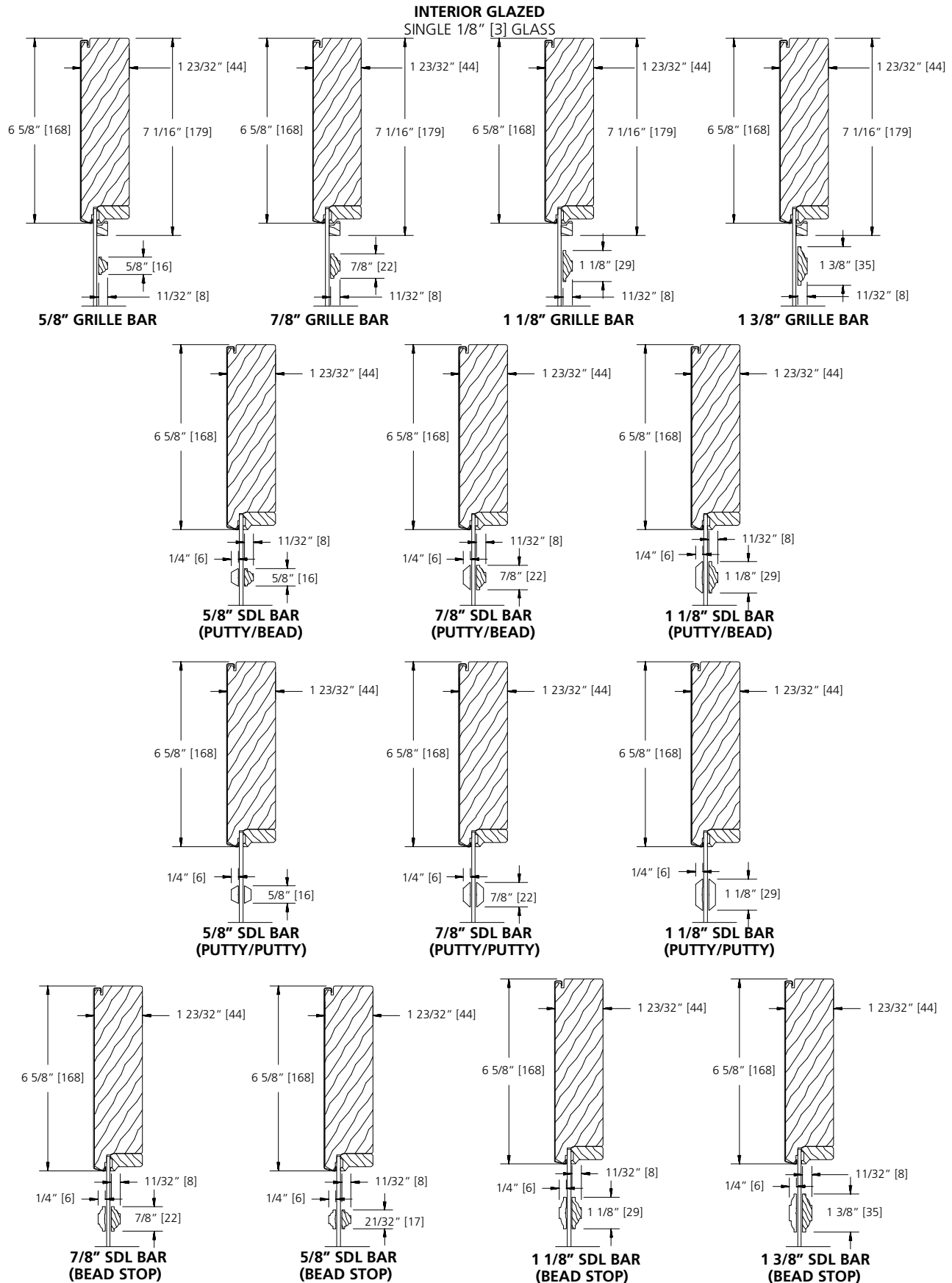
Note: Elevations shown DO NOT have exterior trim. Subtract 1/2" (12.7) from M.O. (Masonry Opening) for Unit Size. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

GLAZING OPTIONS
INTERIOR GLAZED
INSULATED 3/4" [19] GLASS



SCALE: NTS

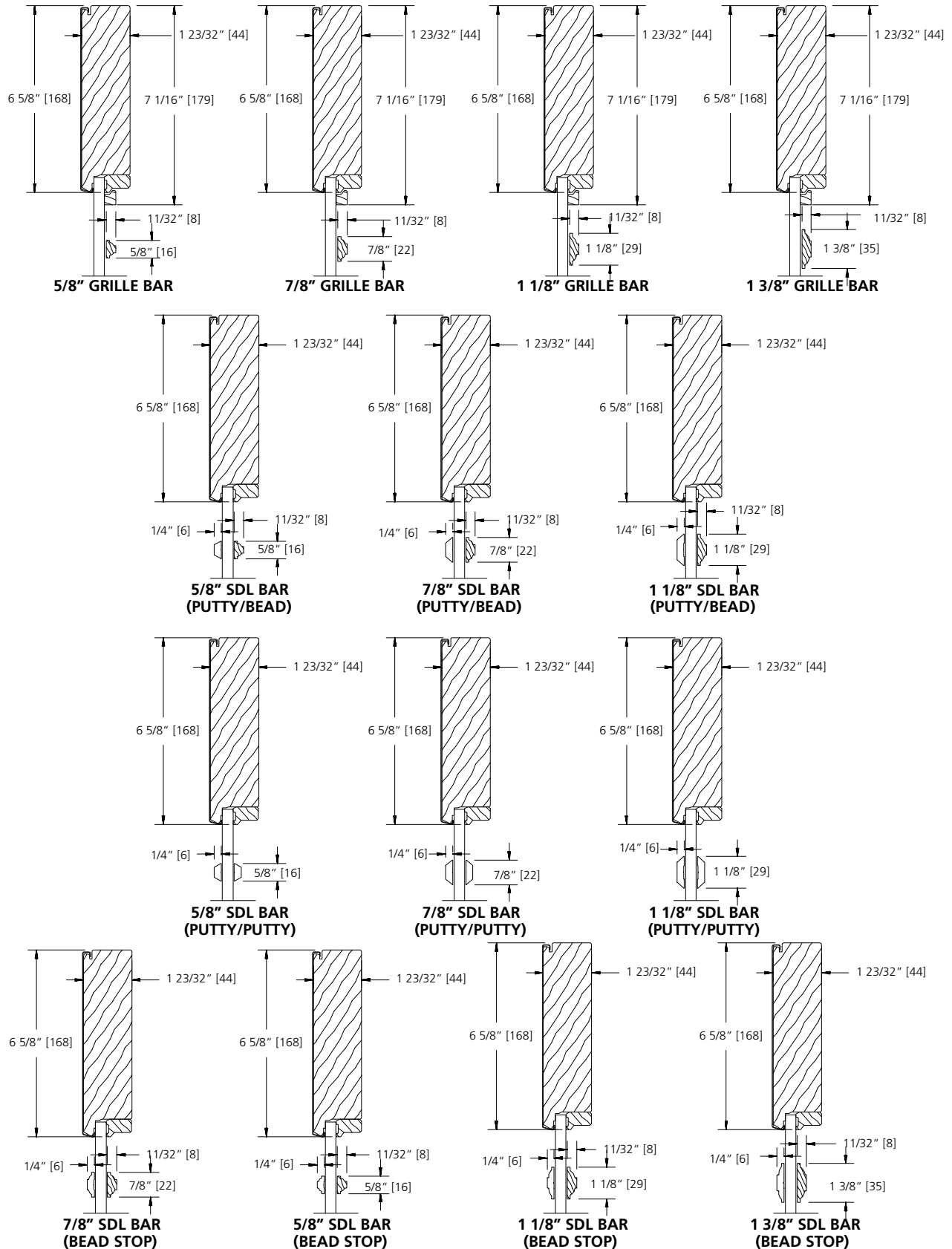
GLAZING OPTIONS



SCALE: NTS

GLAZING OPTIONS

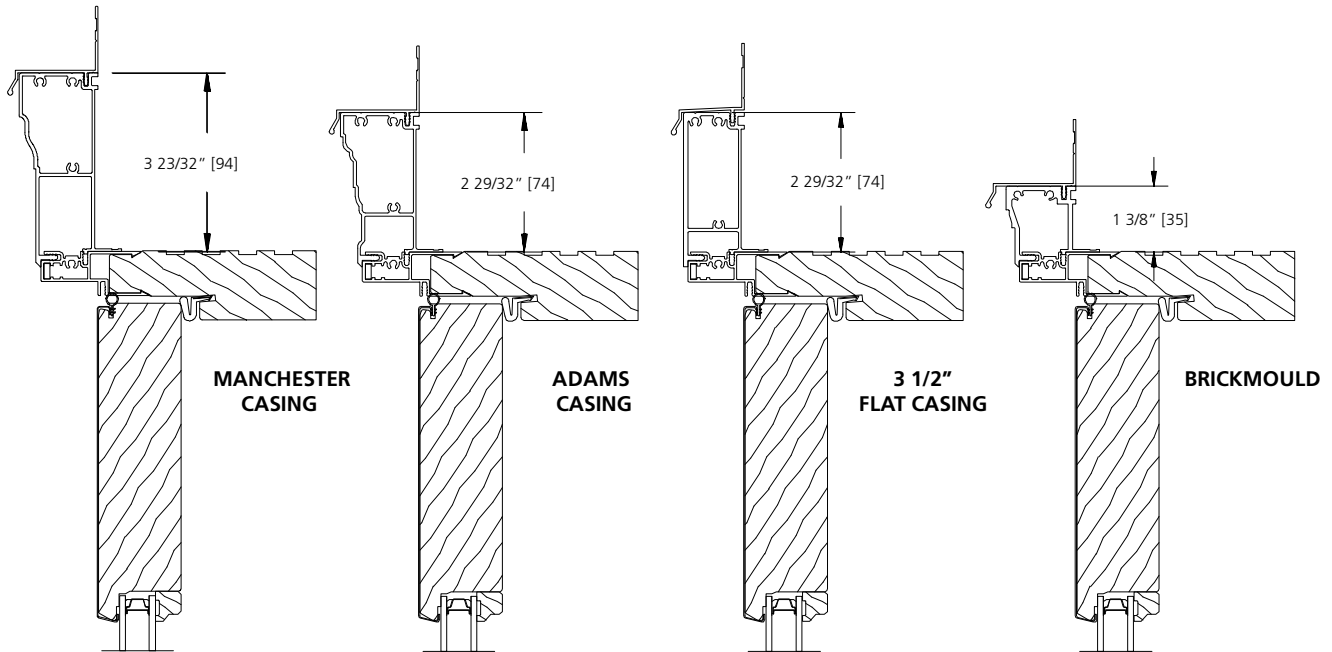
INTERIOR GLAZED
IMPACT RESISTANT GLASS



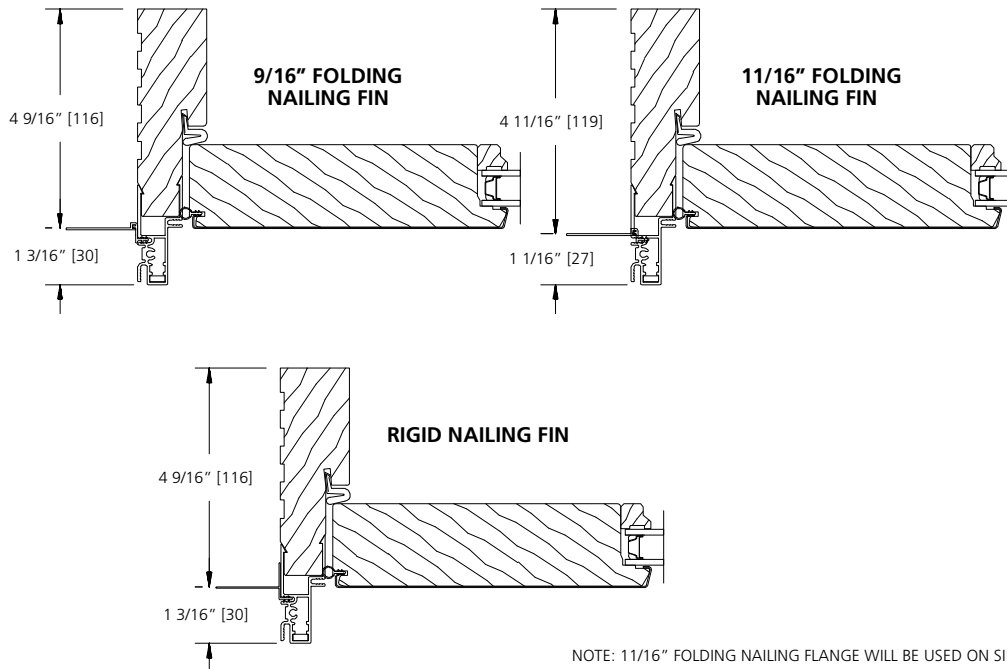
SCALE: NTS

TRIM OPTIONS

EXTERIOR TRIM



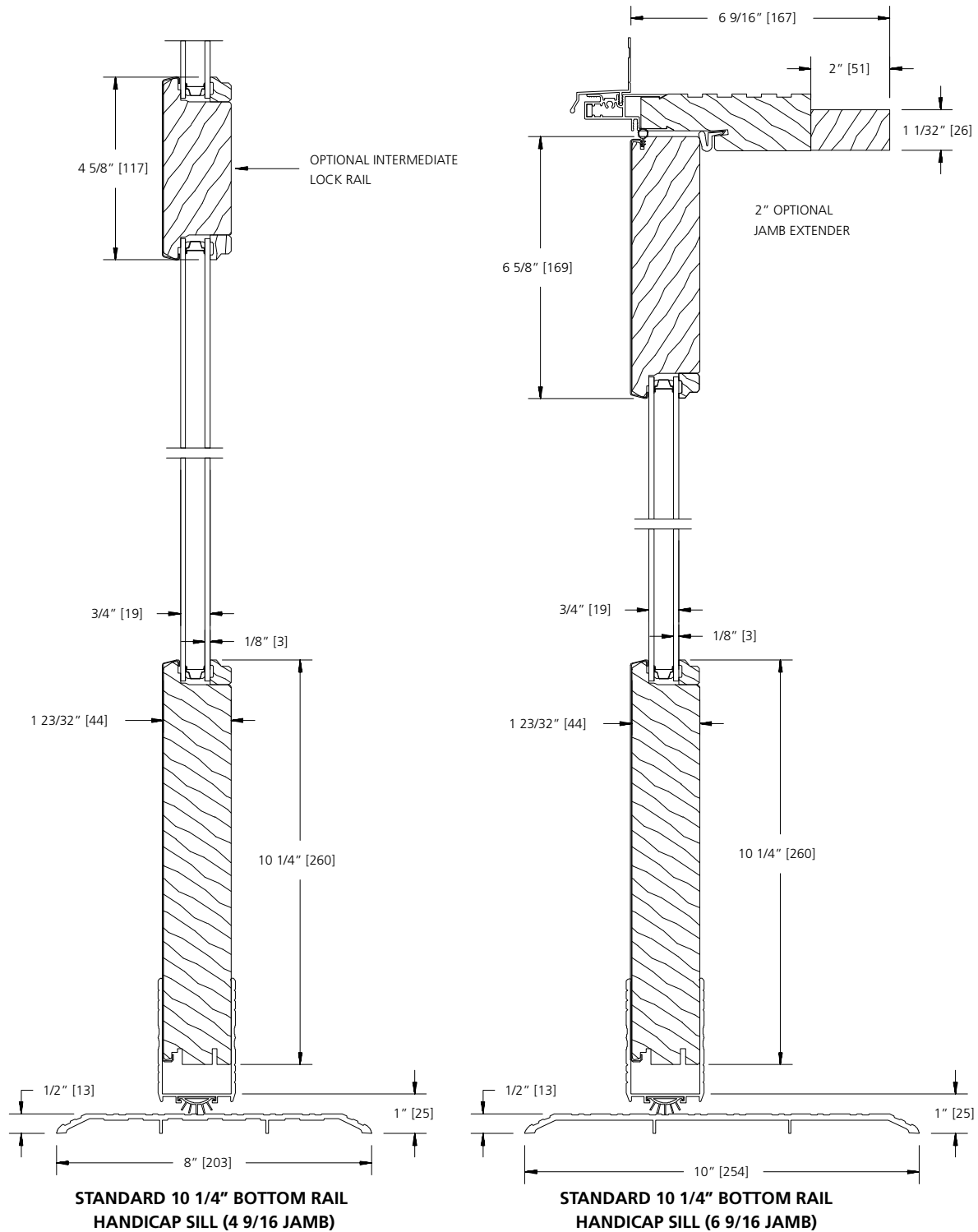
NAILING FIN OPTIONS



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'

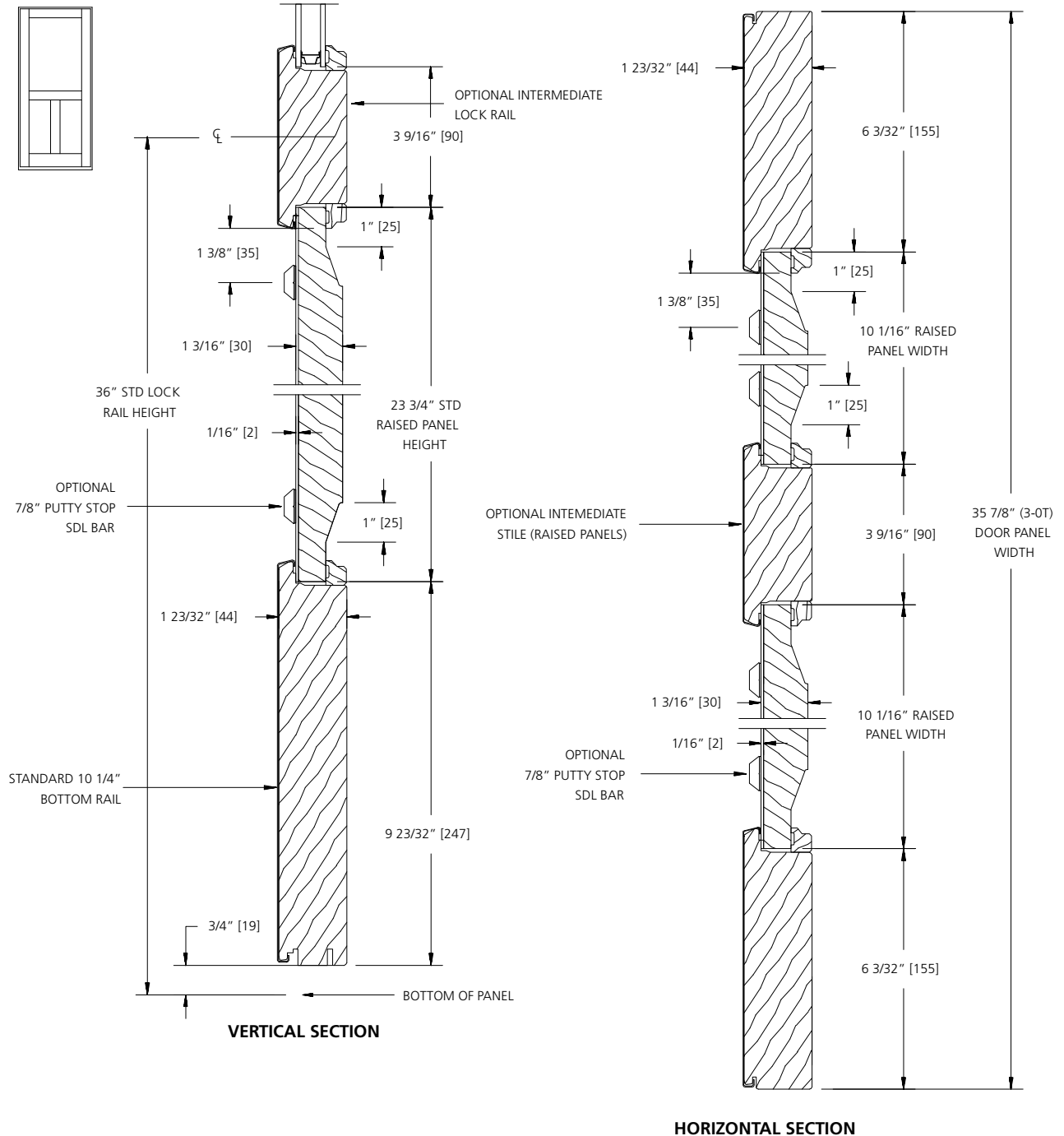
RAIL, PANEL & SILL OPTIONS



SCALE: 3" = 1'

RAIL, PANEL & SILL OPTIONS

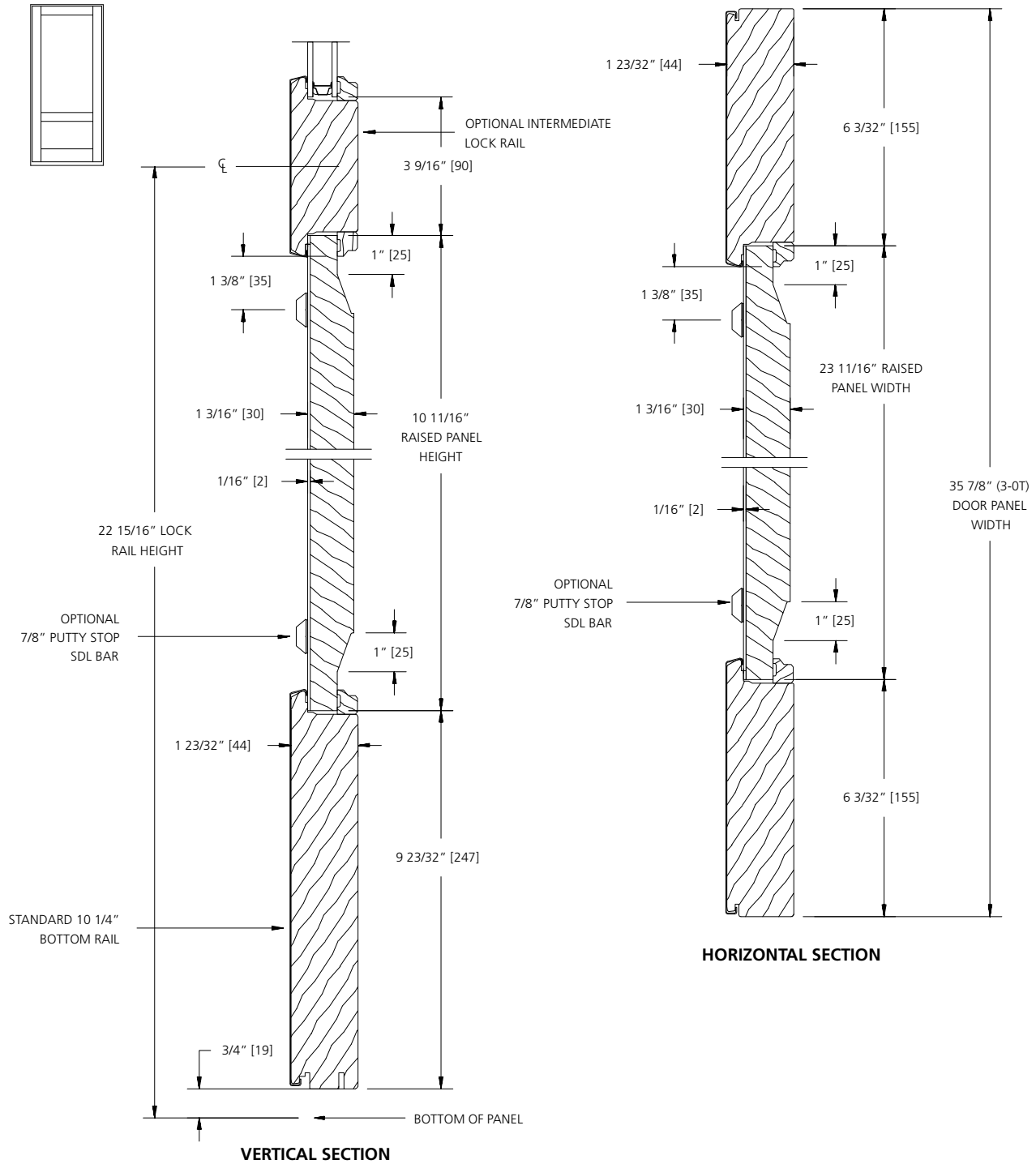
STANDARD RAISED PANEL OPTIONS



SCALE: 3" = 1'

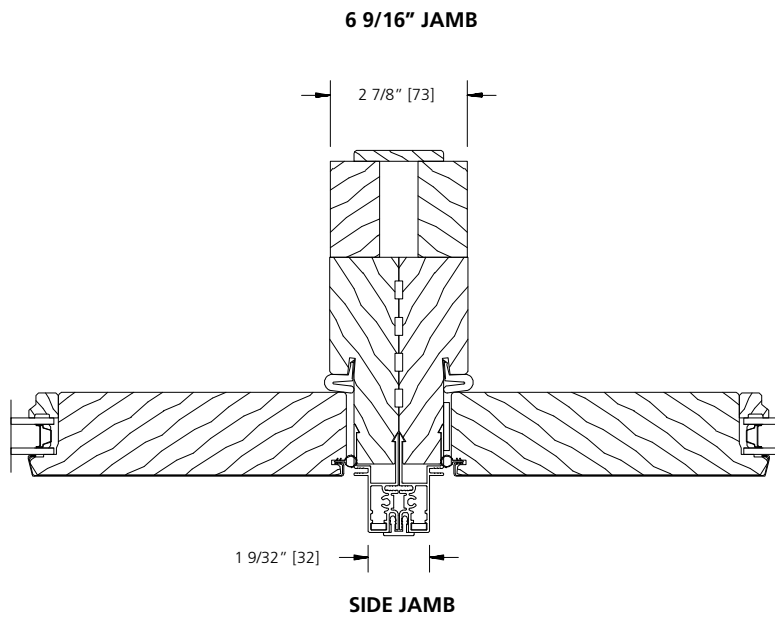
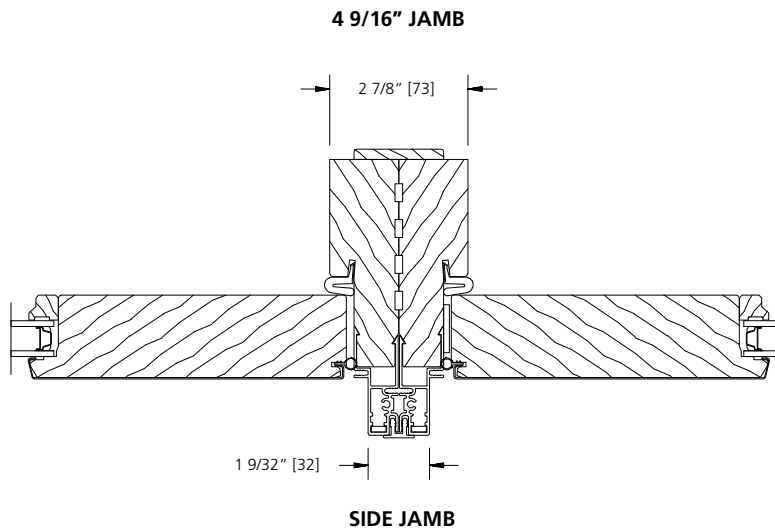
RAIL, PANEL & SILL OPTIONS

OPTIONAL RAISED PANEL OPTIONS



SCALE: 3" = 1'

STANDARD MULLION DETAILS



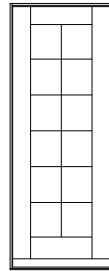
SCALE: 3" = 1'

LITE CUT INFORMATION

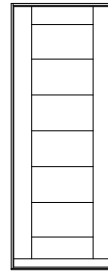
Clad Epic out-swing doors are available with removable grilles in 5/8", 7/8", 1-1/8", and 1-3/8" widths with GBG (Grilles between the Glass), or with Simulated Divided Lites. Standard lite cuts are rectangular.

LITE CUT OPTIONS

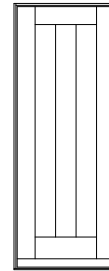
Special lite cut patterns can include a wide variety of straight line and radius patterns. The illustrations shown here represent just a few of the possibilities. Rectangular, horizontal, vertical and Prairie lite patterns are available in all standard size clad Epic swinging doors. Uneven, diamond, 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.



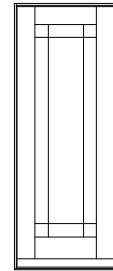
RECTANGULAR



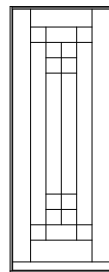
HORIZONTAL



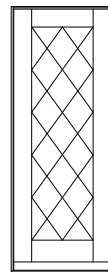
VERTICAL



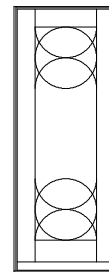
PRAIRIE



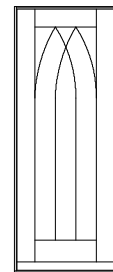
UNEVEN



DIAMOND



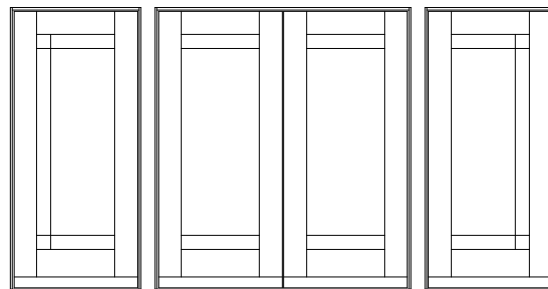
RADIUS



GOTHIC

BAR ALIGNMENT

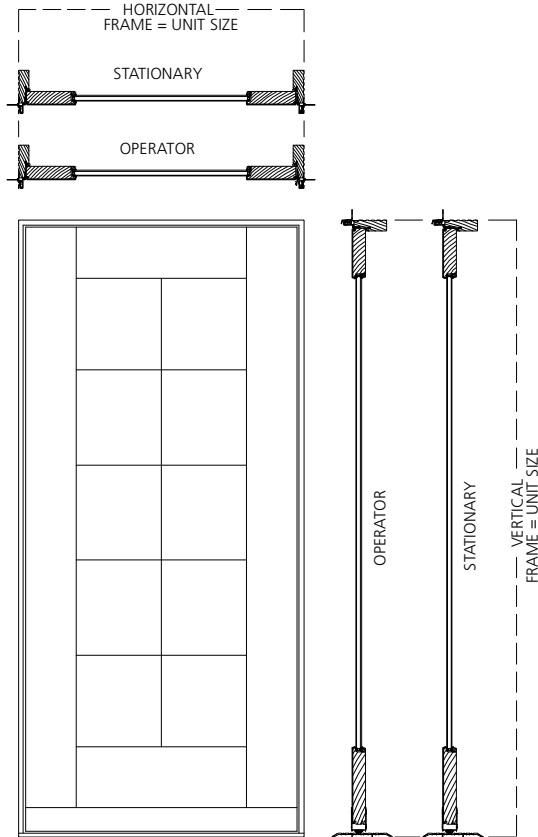
Alignment of divided lite muntin bars from one product to the next is often required by fine architectural design. Wood grilles, GBG (Grilles between the Glass), or Simulated Divided Lites may be specified with muntin bars aligned.



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

STANDARD OFFERING

DRIP CAP & NAILING FLANGE



GENERAL NOTES:

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

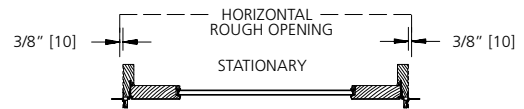
UNIT SIZE IS ALWAYS THE
EXTREME SIZE OF THE DOOR
WITH OR WITHOUT TRIM
(DRIP CAP & NAILING FLANGE ARE
NOT ADDED TO ANY UNIT SIZING)

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

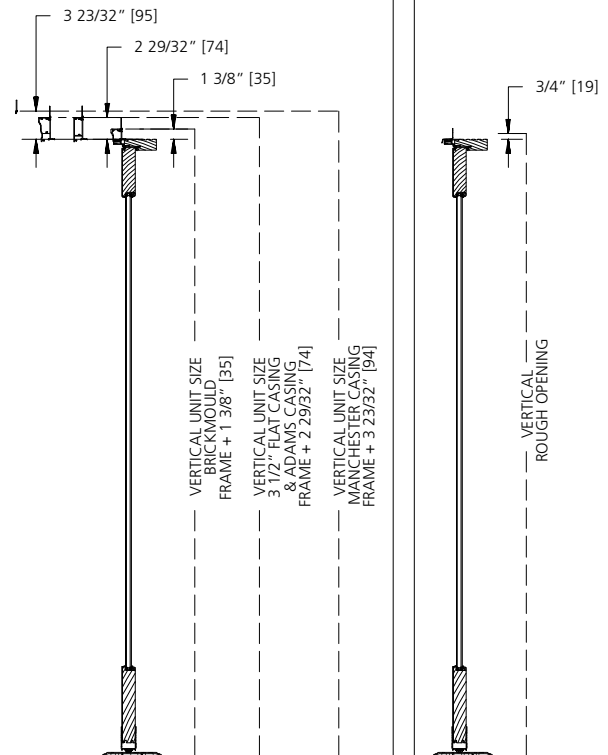
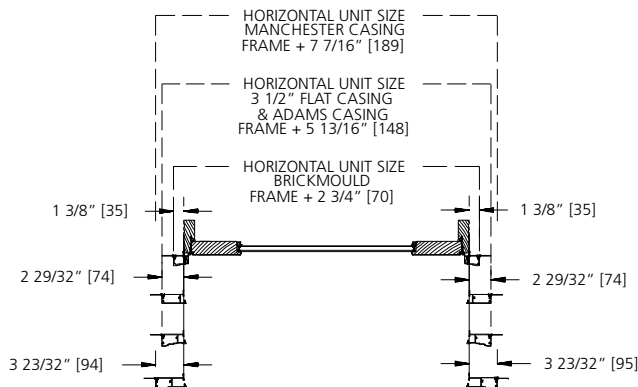
ROUGH OPENING:

DRIP CAP & NAILING FLANGE

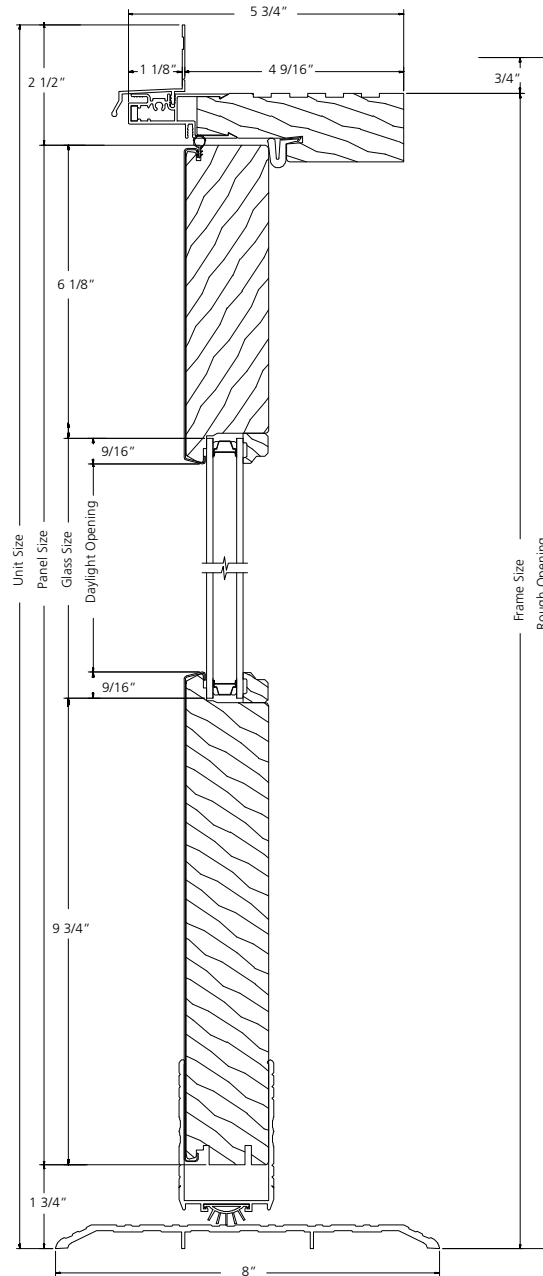


UNIT SIZE

FRAME TO EXTERIOR TRIM (UNIT SIZE)



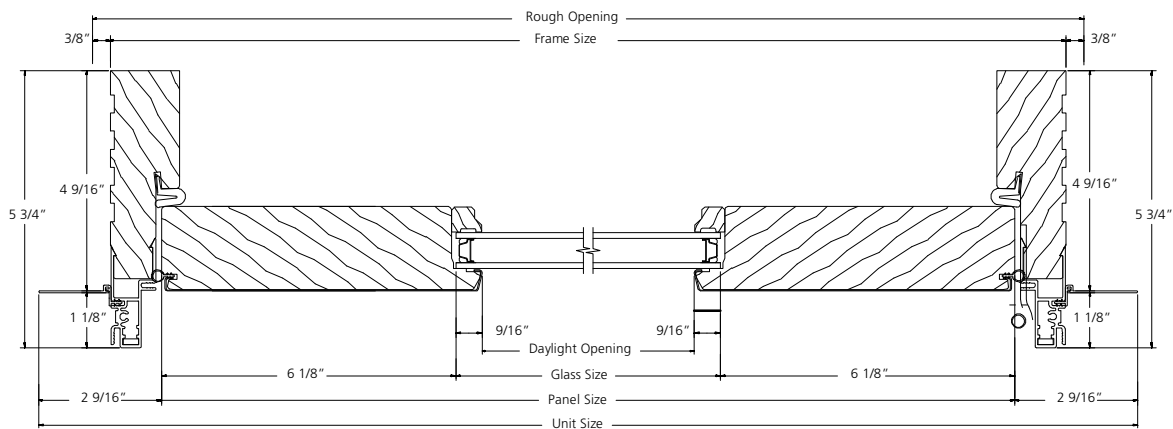
1-PANEL UNIT



VERTICAL SECTION

SCALE: 3" = 1'

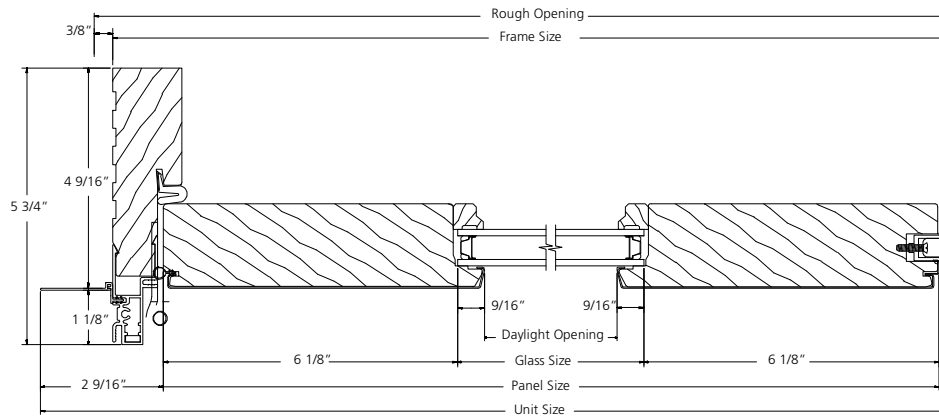
1-PANEL UNIT



HORIZONTAL SECTION

SCALE: 3" = 1'

2-PANEL FRENCH UNIT



HORIZONTAL SECTION

SCALE: $3" = 1'$