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PRODUCT SPECIFICATIONS**EXTERIOR FINISH**

All exterior surfaces completely covered with factory-applied latex primer.

AURALAST™ WOOD

AuraLast™ wood is fundamentally different from wood resulting from 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 the current preservation methods by its unique ability to achieve greater penetration of the active ingredients into the wood parts, with a penetration of the treatment being a minimum of 92%.

INTERIOR FINISH

All interior surfaces are unfinished clear pine ready for paint, stain or natural finish. Primed and pre-painted white interiors are available.

FRAME

Frame is assembled from select kiln dried pine using AuraLast™ wood on all exterior parts. Jambs are 1-7/32" thick. One piece anodized aluminum sill with urethane thermal break and combination polycarbonate/oak threshold. ADA compliant sill is available on select sizes of Out-Swing patio doors. Jambs are 1-7/32" thick. Exterior is factory primed. Basic jamb depth is 4-9/16" with clear pine interior extension jambs available for most wall depths. Frame corner joints are secured with screws. Wood brickmould and weather-stripping applied.

PANEL

8/4 heavy select kiln dried pine using AuraLast™ wood on all exterior parts. Selected panel members have Timberstrand core for added strength and dimensional stability. Patio door panels are constructed using 4-3/4" stiles, 4-3/4" top rail and 8-1/4" bottom rail. Exterior is factory primed. Panel corners are joined with water resistant glue and hardwood dowels.

GLAZING

3/4" (19mm) thick sealed insulating glass is constructed from two panes of tempered glass, utilizing a continuous roll formed stainless steel spacer with dual seal sealant. All insulating glass units comply with the performance requirements of IGCC in accordance with either ASTM E774 or E2190.

GLAZING OPTIONS

3/4" tempered insulating glass available in Low-E with Argon, Low-E 366, Clear, Neat Glass tinted, or obscure, or other specialty glass as specified. Optional 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.

WEATHER-STRIPPING

Panels are sealed at the side jambs with a vinyl wrapped closed-cell foam weather-stripping (Out-Swing also has TPE flexible dual-fin weather-stripping), and at the head jamb with a vinyl wrapped closed-cell foam weather-stripping (Out-Swing has two). In-Swing panels are sealed at the sill with a multi-finned synthetic rubber door sweep. Out-Swing patio doorsills utilize a vinyl wrapped closed-cell foam weather-stripping. The astragals on 2-panel patio doors utilize vinyl wrapped closed-cell foam weather-stripping and TPE flexible dual-fin weather-stripping. The mull jamb of the center hinge utilizes a TPE flexible dual-fin weather-stripping.

HARDWARE

The multi-point locking system is comprised of stainless steel for improved corrosion resistance. Patio doors feature a 1" throw on the top and bottom shootbolts, and a 1" hardened steel deadbolt. The locking mechanism has a built-in safety feature to prevent engaging the locking mechanism while the patio door is open. Keyed handle set is standard. Keyed-alike locks are available and are Schlage compatible, thereby being easily re-keyed in the field. In-Swing entry and center hinge patio doors are available with a no handle set with no bore option and a no handle set with 2-3/8" bore option. In-Swing patio doors are available with a no handle set, no astragal with no bore and manual shoot bolts options and a no handle set, no astragal with 2-3/8" bore and manual shoot bolts option. Out-Swing patio doors are available with a no handle set and no bore option. Handle set finish colors include: Antique Brass, Bright Brass (standard), Bright Brass with PVD anti-tarnish finish, Brushed Chrome, Imitation Oil Rubbed Bronze, Pewter, Polished Chrome and White.

Hinges on In-Swing patio doors utilize three adjustable 4X4 butt hinges per panel. Out-Swing patio doors utilize three adjustable exterior grades, 4X4 butt hinges per panel, and one being tamper proof. All patio doors 7' 11-1/2" tall utilize four hinges per panel.

EXTERIOR INSECT SCREENS

Charcoal fiberglass screen cloth (18x16 mesh) set in an aluminum frame (.019ga) with adjustable rollers and a handle with latch. In-Swing entry and 2-panel patio doors use a hinged screen door. Center hinge In-Swing patio doors use a sliding screen door. Out-Swing entry and 2-panel patio door screens are not available. Insect screens are intended to allow air and light in and to keep insects out. They are not intended to keep anyone or anything from falling through them. For safety screens or other security devices contact your local building supply retailer.

Continued on next page

PRODUCT SPECIFICATIONS

GRILLES

SDL (Simulated Divided Lites) - extruded aluminum prime colored muntins permanently applied to the exterior of the insulating glass unit (not available on textured glass) in 7/8" (22mm), 1-1/8" (28.5mm), or 1-3/8" (34.9mm) widths. SDL may be ordered with a silver shadow bar or without a shadow bar. Clear wood interior muntin bars match the exterior muntin width and are permanently bonded to the interior of the glass.

Full Surround Wood Grilles - Rectangular pattern, unfinished clear pine wood interior grilles in 7/8" (22mm), 1-1/8" (28.5mm), and 1-3/8" (34.9mm) are available in patterns selected by the owner.

GBG (Grilles between the Glass) - 5/8" (15.9mm) flat and 23/32" or 1" contour mounted between the glass panes suspended within the air cavity.

EXTERIOR TRIMS

1-7/32" x 2" Cellular Foam PVC brickmould with 1-5/16" x 1" subsill is standard. Flat casing is available as 1-1/16" x 3-1/2" and Williamsburg is available as 1-7/32" and 3-1/2".

EXTENSION JAMBS

Extension jambs for Out-Swing patio doors are factory applied to the head and sides of the frame using 9/16" thick select kiln-dried pine. They will accommodate wall depths up to 9-1/4" in one piece and up to 10-9/16" in two pieces. Primed In-Swing patio doors utilize factory applied primed wood extension jambs applied to the exterior.

HANDING

French View Patio Doors are available in both In-Swing and Out-Swing. Operation of the door as viewed from the exterior must be specified according to the handing designations shown in the price book pages.

INSTALLATION

Installation per JELD-WEN Installation Method for Wood Patio Doors JII007 or JII008. See www.jeld-wen.com/resources for instructions.

PERFORMANCE

NFRC Certified - (Rated and labeled in accordance with NFRC)

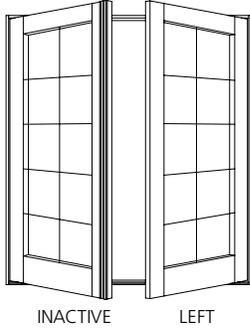
AAMA/NWWDA 101/I.S. 2-97

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"> • Primed 	
INTERIOR FINISH	<ul style="list-style-type: none"> • Natural 	<ul style="list-style-type: none"> • Primed or Painted White Finish
SIZE	<ul style="list-style-type: none"> • Width: Fixed Sidelites: 16-3/4, 24-3/4, 30-3/4, 32-3/4, 36-3/4, 48-3/4 Entry: 30-3/4, 32-3/4, 36-3/4, 38-3/4 2-Panel: 47-1/2, 59-1/2, 63-1/2, 71-1/2, 75-1/2 • All Heights: 79-1/2, 82-1/2, 95-1/2 	<ul style="list-style-type: none"> • Width: Fixed Sidelites: 16 to 49 in 1/8" increments Entry: 30-3/4 to 38-3/4 in 1/8" increments 2-Panel: In-Swing - 47-1/2 to 71-1/2 in 1/8" increments Out-Swing - 47-1/2 to 95-1/2 in 1/8" increments • All Heights: 79-1/2 to 95-1/2 in 1/8" increments
GLAZING	<ul style="list-style-type: none"> • Low-E Tempered Insulating Glass • Preserve® Protective Film 	<ul style="list-style-type: none"> • Clear • Obscure • Tints: Bronze, Gray, Green • Reflective Tints: Bronze, Gray, Solex • Tempered
		<ul style="list-style-type: none"> • High Altitude
HARDWARE	<ul style="list-style-type: none"> • Three-Point Locking System • Keyed Deadbolt with Interior Thumb Latch • Adjustable Hinges 	<ul style="list-style-type: none"> • Keyed Alike Cylinders • No Hardware/No Bore Option (Out-Swing) • No Hardware/Bore Option (Entry In-Swing & Center Hinge) with manual shoot bolts
HARDWARE COLOR	<ul style="list-style-type: none"> • Bright Brass 	<ul style="list-style-type: none"> • PVD Bright Brass • White • Antique Brass • Polished Chrome • Brushed Chrome • Pewter • Imitation Oil Rubbed Bronze
SCREENS*	<ul style="list-style-type: none"> • Fiberglass 	<ul style="list-style-type: none"> • Aluminum Mesh
SCREEN FRAME COLOR	<ul style="list-style-type: none"> • White 	<ul style="list-style-type: none"> • Other Clad Colors
GRILLES		<ul style="list-style-type: none"> • 7/8", 1-1/8" and 1-3/8" Removable Full Surround • 5/8" Flat; 23/32" and 1" Profiled GBG 7/8", 1-1/8", 1-3/8" and 2-1/8" SDL options: <ul style="list-style-type: none"> • 7/8", 1-1/8", 1-3/8" SDL with Removable Interior Full Surround Wood Grille • 7/8", 1-1/8", 1-3/8" SDL with Permanently Applied Interior Wood Grille • 7/8", 1-1/8", 1-3/8" SDL with Permanently Applied Interior Wood Grille & Silver Shadow Bar • 2-1/8" Simulated Checkrail
EXTERIOR TRIMS	<ul style="list-style-type: none"> • Wood Brickmould 	<ul style="list-style-type: none"> • 4" Flat Casing • No Brickmould
JAMB	<ul style="list-style-type: none"> • Applied 4-9/16" 	<ul style="list-style-type: none"> • Minimum: 4-9/16" • Maximum (In-Swing): 7-1/4" one piece • Maximum (Out-Swing): 9-1/4" one piece • Maximum (Out-Swing): 10-9/16" two piece
SILL		<ul style="list-style-type: none"> • Out-Swing ADA Sill with no bore, no hardware 3-2, 6-0, 6-2 only

*Screens available on Inswing units only.

GENERAL INFORMATION



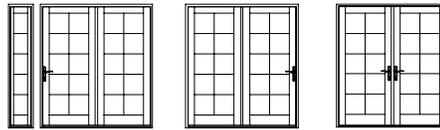
DIMENSIONAL DOORS

Wood In-Swing and Out-Swing patio doors may be specified as “dimensional” by adjusting the desired rough opening width or height in 1/4” increments from standard.

Wood In-Swing and Out-Swing patio doors are available as single and 2-panel configurations. Transoms are available to match the variety of door sizes.

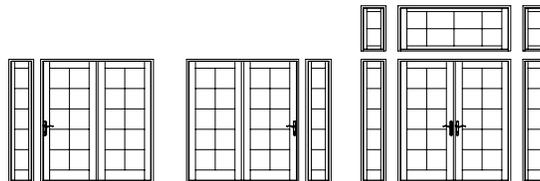
OPERATION

Wood In-Swing and Out-Swing 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 2-panel doors are available with left and right operation. French doors feature two operating panels (one active, which opens first; and one inactive, which closes first). Configuration and handing is based on viewing the door from the interior.



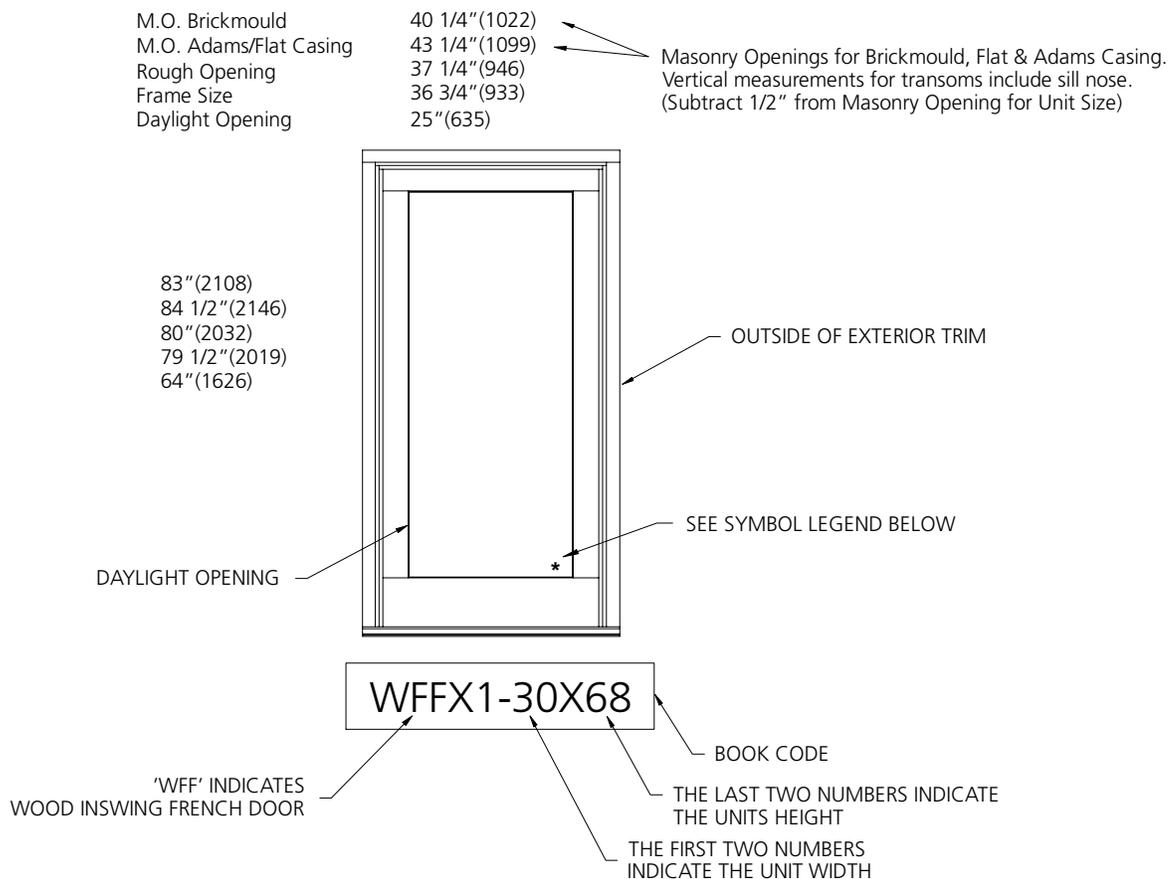
MULTIPLE ASSEMBLIES

Wood In-Swing and Out-Swing patio doors are available in a variety of multiple panel configurations from the factory, all of which are assembled with continuous sills. Wood In-Swing and Out-Swing patio doors may be mullered below or beside other wood door and wood window products. Factory assembled mulls are limited in height (100”), width (150”), and a total are (75 square feet).



ELEVATION NOTES
IN-SWING

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 GLIDING DOOR NOTES

1. WOOD IN-SWING PATIO DOOR UNITS ARE AVAILABLE AS OPERATING OR FIXED.
2. UNIT ELEVATIONS ARE SHOWN WITH BRICKMOULD. TRANSOM UNITS ARE SHOWN WITH BRICKMOULD AND SILL NOSE.
3. OPERATING UNITS ARE AVAILABLE AS LEFT OR RIGHT HAND OPERATION.
4. HANDICAP SILL, 10 1/4" BOTTOM RAILS AND INTERMEDIATE LOCK RAILS ARE AVAILABLE FOR ALL UNITS.

ELEVATION SYMBOL LEGEND

- M.O.** MASONRY OPENING
- * SIDELIGHTS WITH A FRAME WIDTH OF 20" OR LESS HAVE NARROW STILES

IN-SWING DOORS
SIDELIGHT

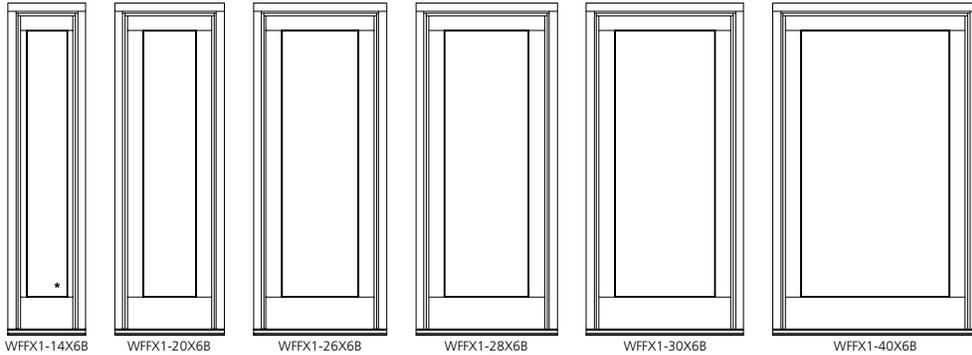
M.O. BRICKMOULD
M.O. ADAMS/FLAT CASING
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

20 1/4"(514)	28 1/4"(718)	34 1/4"(870)	36 1/4"(921)	40 1/4"(1022)	52 1/4"(1327)
23 1/4"(591)	31 1/4"(794)	37 1/4"(946)	39 1/4"(997)	43 1/4"(1099)	55 1/4"(1403)
17 1/4"(438)	25 1/4"(641)	31 1/4"(794)	33 1/4"(845)	37 1/4"(946)	49 1/4"(1251)
16 3/4"(425)	24 3/4"(629)	30 3/4"(781)	32 3/4"(832)	36 3/4"(933)	48 3/4"(1238)
10"(254)	13"(330)	19"(483)	21"(533)	25"(635)	37"(940)

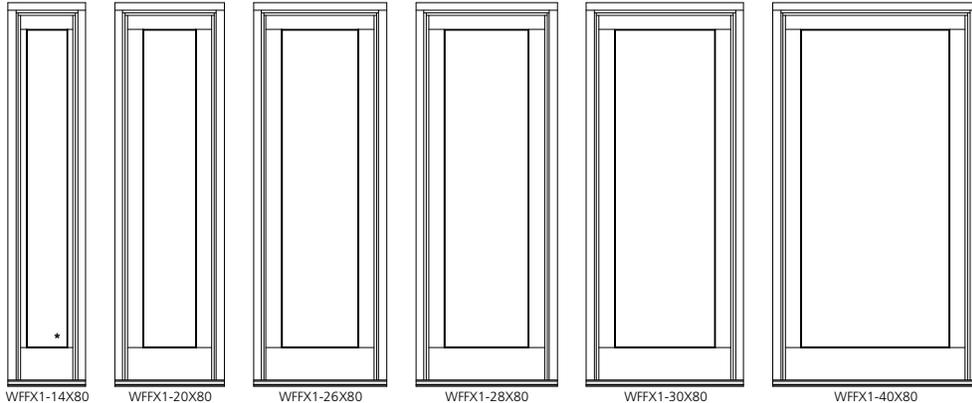
83"(2108)
84 1/2"(2146)
80"(2032)
79 1/2"(2019)
64"(1626)



86"(2184)
87 1/2"(2223)
83"(2108)
82 1/2"(2096)
67"(1702)



99"(2515)
100 1/2"(2553)
96"(2438)
95 1/2"(2426)
80"(2032)



ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS
* SIDELIGHTS WITH A FRAME WIDTH OF 20" OR LESS HAVE NARROW STILES

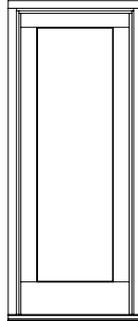
Note Elevations shown DO NOT have exterior trim. Subtract 1/2" (12.7) from M.O. (Masonry Opening) for Unit Sizes. Masonry Openings above include Sill Nose, see Trim Options page for Sill Nose specifications. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

SCALE: 1/4" = 1'

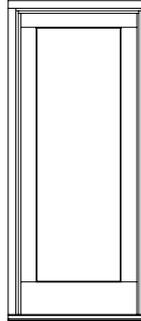
IN-SWING DOORS
ENTRY

M.O. BRICKMOULD	34 1/4"(870)	36 1/4"(921)	40 1/4"(1022)
M.O. ADAMS/FLAT CASING	37 1/4"(946)	39 1/4"(997)	43 1/4"(1099)
ROUGH OPENING	31 1/4"(794)	33 1/4"(845)	37 1/4"(946)
FRAME SIZE	30 3/4"(781)	32 3/4"(832)	36 3/4"(933)
DAYLIGHT OPENING	19"(483)	21"(533)	25"(635)

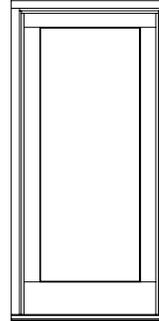
83"(2108)
84 1/2"(2146)
80"(2032)
79 1/2"(2019)
64"(1626)



WFEU1-26X68

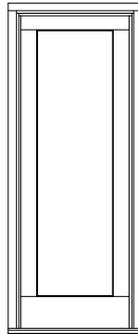


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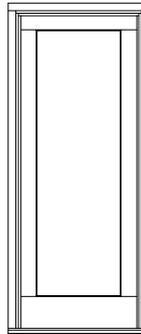


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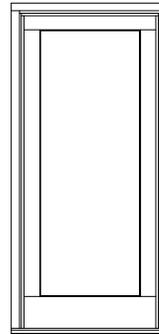
86"(2184)
87 1/2"(2223)
83"(2108)
82 1/2"(2096)
67"(1702)



WFEU1-26X6B

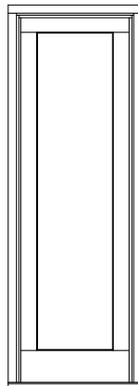


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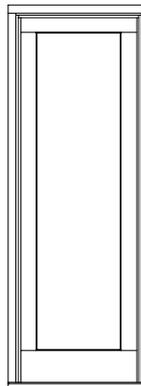


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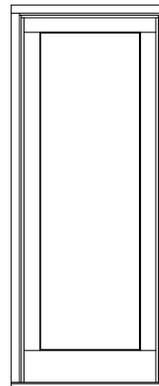
99"(2515)
100 1/2"(2553)
96"(2438)
95 1/2"(2426)
80"(2032)



WFEU1-26X80



WFEU1-28X80



WFEU1-30X80

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 Sizes. Masonry Openings above include Sill Nose, see Trim Options page for Sill Nose specifications. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

SCALE: 1/4" = 1'

IN-SWING DOORS
2-PANEL

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

	51" (1295) 54" (1372) 48" (1219) 47 1/2" (1207)	63" (1600) 66" (1676) 60" (1524) 59 1/2" (1511)	67" (1702) 70" (1778) 64" (1626) 63 1/2" (1613)	75" (1905) 78" (1981) 72" (1829) 71 1/2" (1861)
	12 31/32" (329) 13 1/32" (331)	18 31/32" (482) 19 1/32" (483)	20 31/32" (533) 21 1/32" (534)	24 31/32" (634) 25 1/32" (636)
83" (2108) 84 1/2" (2146) 80" (2032) 79 1/2" (2019) 64" (1626)				
	WFUI1-40X68	WFUI1-50X68	WFUI1-54X68	WFUI1-60X68
86" (2184) 87 1/2" (2223) 83" (2108) 82 1/2" (2096) 67" (1702)				
	WFUI1-40X68	WFUI1-50X68	WFUI1-54X68	WFUI1-60X68
98" (2515) 100 1/2" (2553) 96" (2438) 95 1/2" (2426) 80" (2032)				
	WFUI1-40X80	WFUI1-50X80	WFUI1-54X80	WFUI1-60X80

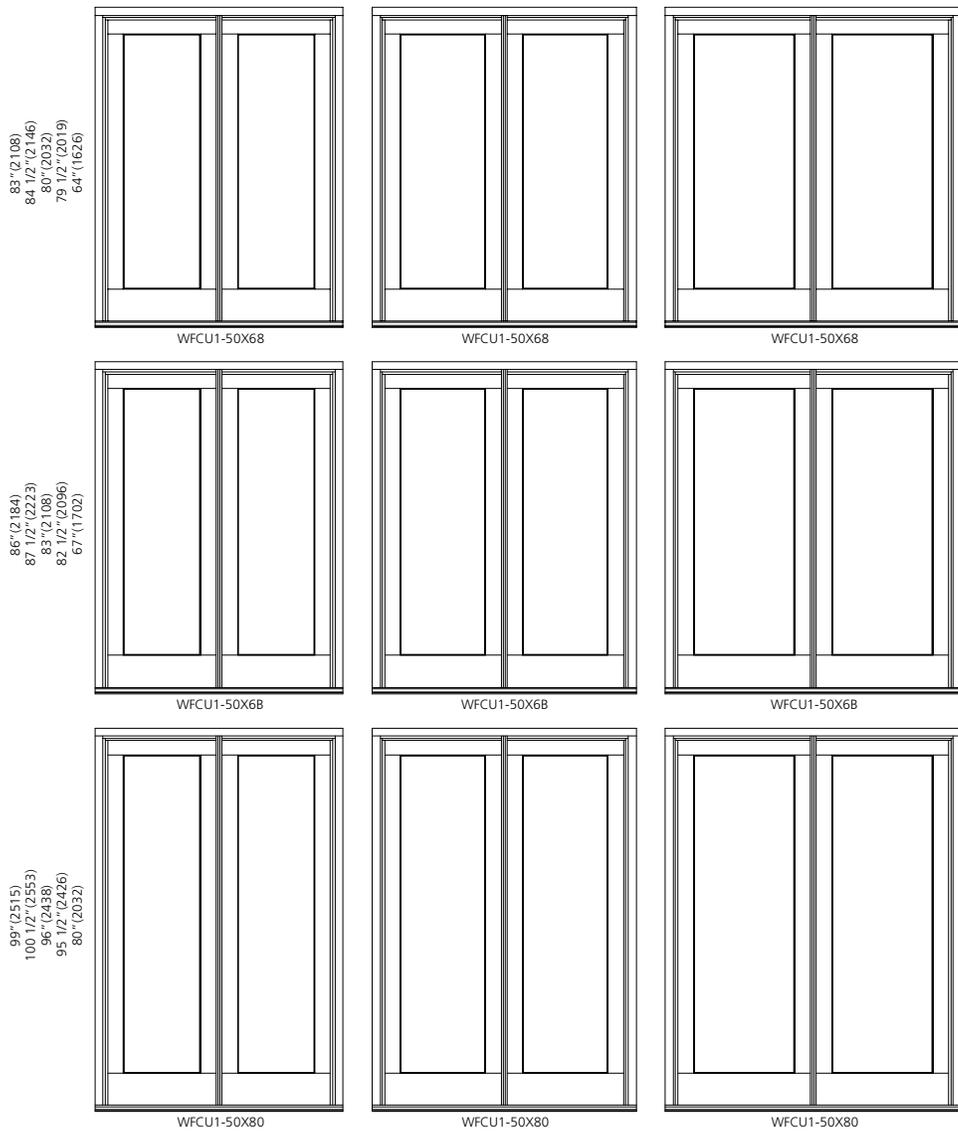
ELEVATION SYMBOL LEGEND:
M.O. = MASONRY OPENING
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SCALE: 1/4" = 1'

IN-SWING DOORS CENTER HINGE

M.O. BRICKMOULD	63" (1600)	67" (1702)	75" (1905)
M.O. ADAMS/FLAT CASING	66" (1676)	70" (1778)	78" (1981)
ROUGH OPENING	60" (1524)	64" (1626)	72" (1829)
FRAME SIZE	59 1/2" (1511)	63 1/2" (1613)	71 1/2" (1811)
DAYLIGHT OPENING	18 31/32" (482) 19 1/32" (483)	20 31/32" (533) 21 1/32" (534)	24 31/32" (634) 25 1/32" (636)



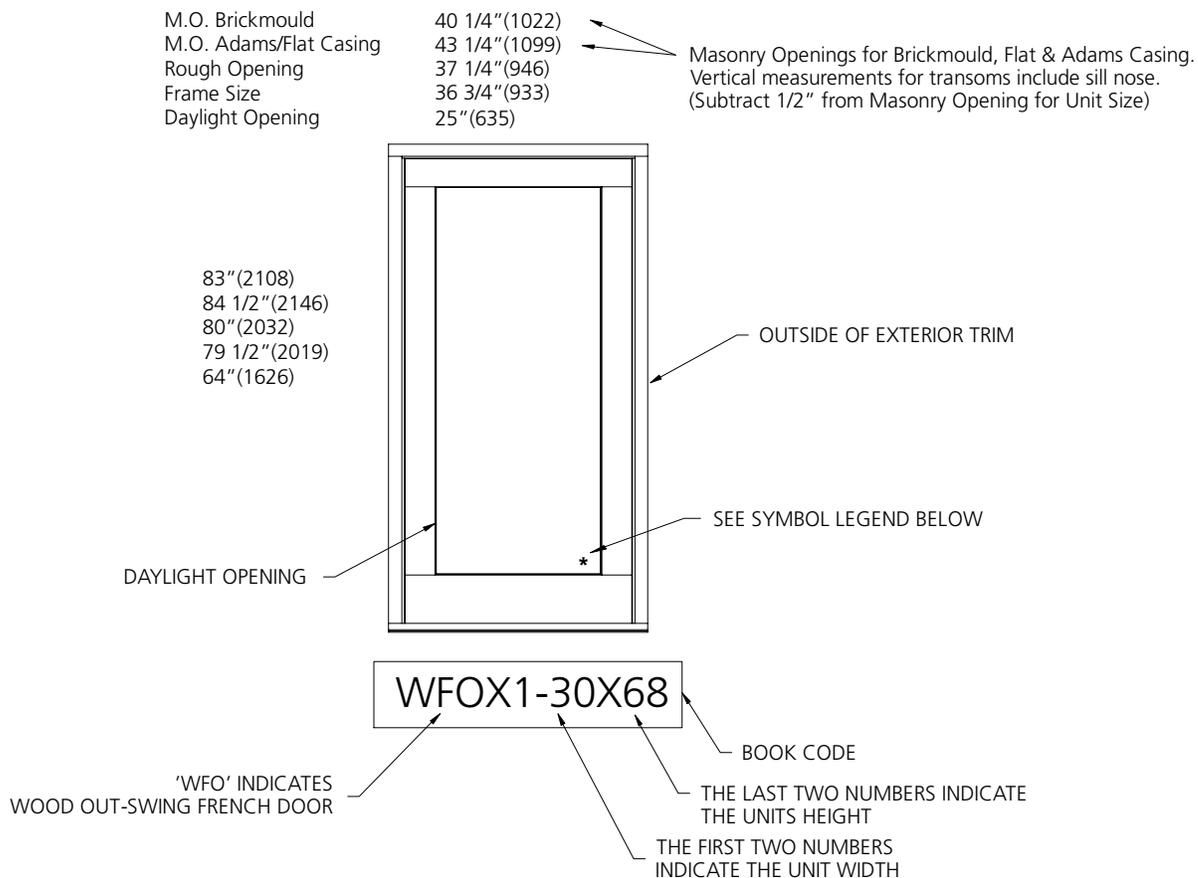
ELEVATION SYMBOL LEGEND:
M.O. = MASONRY OPENING
 VALUES IN () ARE IN MILLIMETER CONVERSIONS

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

SCALE: 1/4" = 1'

ELEVATION NOTES
OUT-SWING

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 GLIDING DOOR NOTES

1. WOOD OUT-SWING PATIO DOOR UNITS ARE AVAILABLE AS OPERATING OR FIXED.
2. UNIT ELEVATIONS ARE SHOWN WITH BRICKMOULD. TRANSOM UNITS ARE SHOWN WITH BRICKMOULD ALL SIDES.
3. OPERATING UNITS ARE AVAILABLE AS LEFT OR RIGHT HAND OPERATION.
4. HANDICAP SILL, 10 1/4" BOTTOM RAILS AND INTERMEDIATE LOCK RAILS ARE AVAILABLE FOR ALL UNITS.

ELEVATION SYMBOL LEGEND

- M.O.** MASONRY OPENING
- * SIDELIGHTS WITH A FRAME WIDTH OF 20" OR LESS HAVE NARROW STILES

SCALE: 1/4" = 1'

OUT-SWING DOORS
SIDELIGHT

M.O. BRICKMOULD	20 1/4"(514)	28 1/4"(718)	34 1/4"(870)	36 1/4"(921)	40 1/4"(1022)	52 1/4"(1327)		
M.O. ADAMS/FLAT CASING	23 1/4"(591)	31 1/4"(794)	37 1/4"(946)	39 1/4"(997)	43 1/4"(1099)	55 1/4"(1403)		
ROUGH OPENING	17 1/4"(438)	25 1/4"(641)	31 1/4"(794)	33 1/4"(845)	37 1/4"(946)	49 1/4"(1251)		
FRAME SIZE	16 3/4"(425)	24 3/4"(629)	30 3/4"(781)	32 3/4"(832)	36 3/4"(933)	48 3/4"(1238)		
DAYLIGHT OPENING	10"(254)	13"(330)	19"(483)	21"(533)	25"(635)	37"(940)		
83"(2108) 84 1/2"(2146) 80"(2032) 79 1/2"(2019) 64"(1626)								
	WFOX1-14X68	WFOX1-20X68	WFOX1-26X68	WFOX1-28X68	WFOX1-30X68	WFOX1-40X68		
	86"(2184) 87 1/2"(2223) 83"(2108) 82 1/2"(2096) 67"(1702)							
		WFOX1-14X68	WFOX1-20X68	WFOX1-26X68	WFOX1-28X68	WFOX1-30X68	WFOX1-40X68	
		99"(2515) 100 1/2"(2553) 96"(2438) 95 1/2"(2426) 80"(2032)						
			WFOX1-14X80	WFOX1-20X80	WFOX1-26X80	WFOX1-28X80	WFOX1-30X80	WFOX1-40X80

ELEVATION SYMBOL LEGEND:
M.O. = MASONRY OPENING
 VALUES IN () ARE IN MILLIMETER CONVERSIONS
 * SIDELIGHTS WITH A FRAME WIDTH OF 20" OR LESS HAVE NARROW STILES

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

SCALE: 1/4" = 1'

OUT-SWING DOORS
ENTRY

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

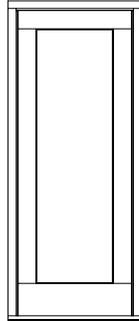
34 1/4"(870)
37 1/4"(946)
31 1/4"(794)
30 3/4"(781)
19"(483)

36 1/4"(921)
39 1/4"(997)
33 1/4"(845)
32 3/4"(832)
21"(533)

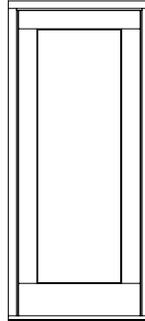
40 1/4"(1022)
43 1/4"(1099)
37 1/4"(946)
36 3/4"(933)
25"(635)

42 1/4"(1073)
45 1/4"(1149)
39 1/4"(997)
38 3/4"(984)
27"(686)

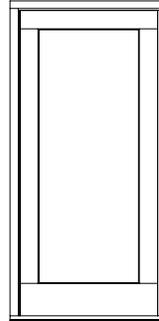
83"(2108)
84 1/2"(2146)
80"(2032)
79 1/2"(2019)
64"(1626)



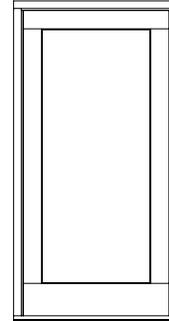
WFYU1-26X68



WFYU1-28X68

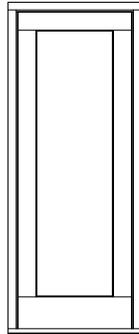


WFYU1-30X68

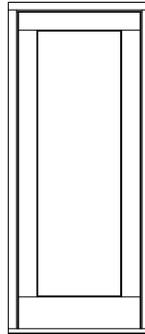


WFYU1-32X68

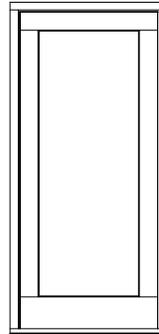
86"(2184)
87 1/2"(2223)
83"(2108)
82 1/2"(2096)
67"(1702)



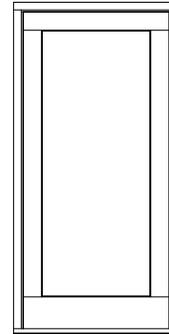
WFYU1-26X68



WFYU1-28X68

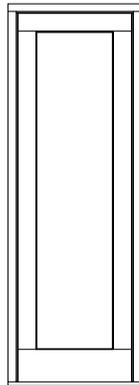


WFYU1-30X68

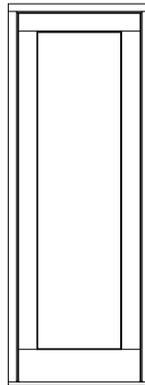


WFYU1-32X68

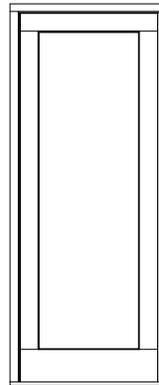
99"(2515)
100 1/2"(2553)
96"(2438)
95 1/2"(2426)
80"(2032)



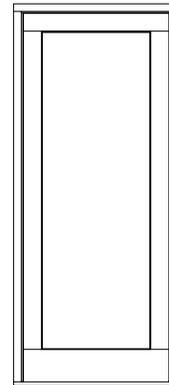
WFYU1-26X80



WFYU1-28X80



WFYU1-30X80



WFYU1-32X80

ELEVATION SYMBOL LEGEND:

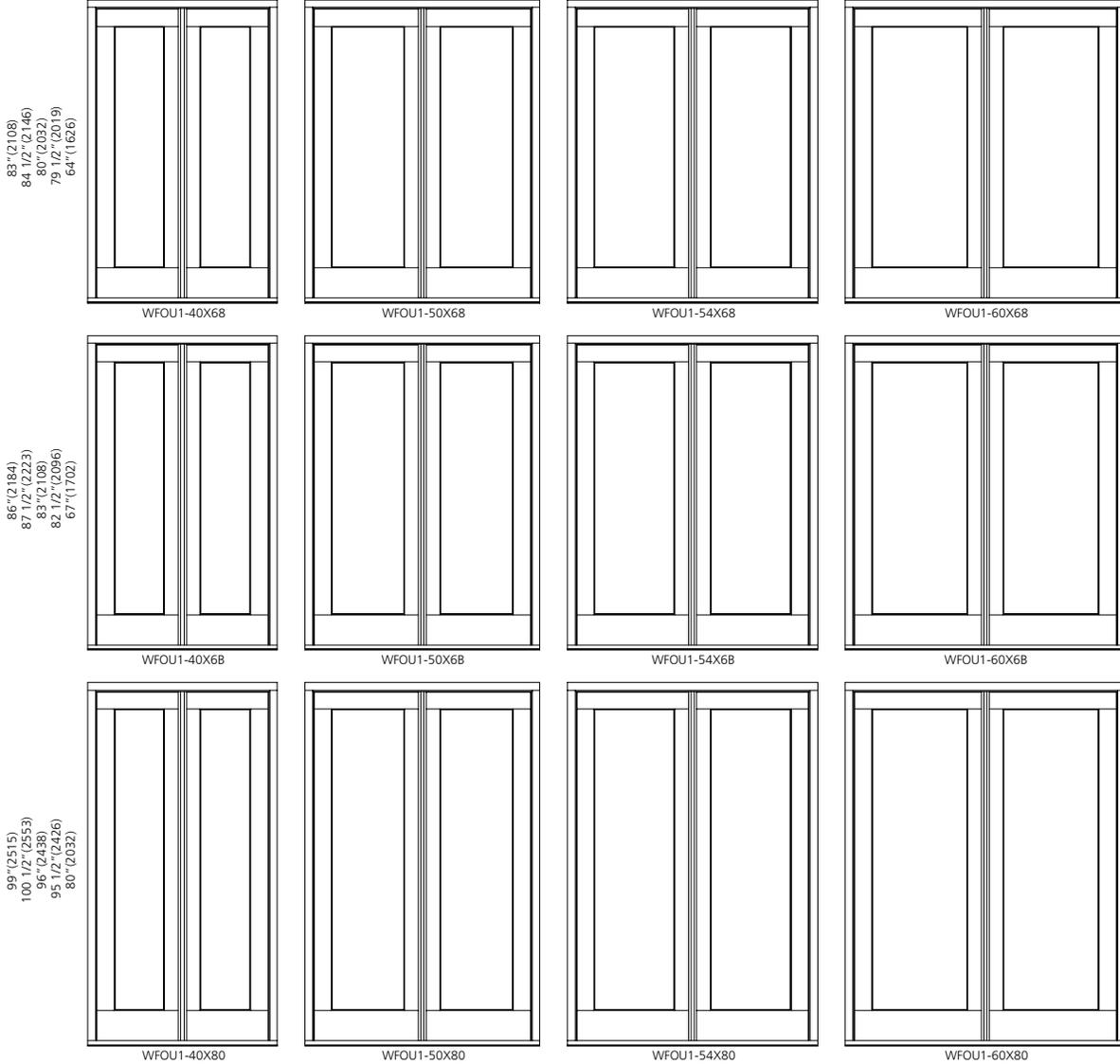
M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS

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

SCALE: 1/4" = 1'

OUT-SWING DOORS
2-PANEL

M.O. BRICKMOULD	51"(1295)	63"(1600)	67"(1702)	75"(1905)
M.O. ADAMS/FLAT CASING	54"(1372)	66"(1676)	70"(1778)	78"(1981)
ROUGH OPENING	48"(1219)	60"(1524)	64"(1626)	72"(1829)
FRAME SIZE	47 1/2"(1207)	59 1/2"(1511)	63 1/2"(1613)	71 1/2"(1861)
DAYLIGHT OPENING	12 31/32"(329) 13 1/32"(331)	18 31/32"(482) 19 1/32"(483)	20 31/32"(533) 21 1/32"(534)	24 31/32"(634) 25 1/32"(636)



ELEVATION SYMBOL LEGEND:
M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS

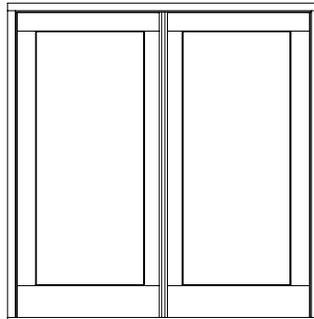
Note Elevations shown DO NOT have exterior trim. Subtract 1/2" (12.7) from M.O. (Masonry Opening) for Unit Sizes. Masonry Openings above include Sill Nose, see Trim Options page for Sill Nose specifications. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

SCALE: 1/4" = 1'

OUT-SWING DOORS
2-PANEL

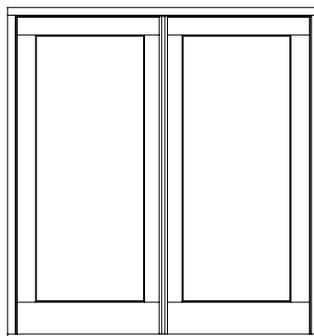
M.O. BRICKMOULD	79" (2007)
M.O. ADAMS/FLAT CASING	82" (2083)
ROUGH OPENING	76" (1930)
FRAME SIZE	75 1/2" (1918)
DAYLIGHT OPENING	26 31/32" (685) 27 1/32" (687)

83" (2108)
84 1/2" (2146)
80" (2032)
79 1/2" (2019)
64" (1626)



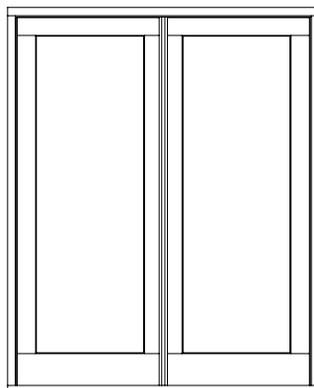
WFOU1-64X68

86" (2184)
87 1/2" (2223)
83" (2108)
82 1/2" (2096)
67" (1702)



WFOU1-64X6B

99" (2515)
100 1/2" (2553)
96" (2438)
95 1/2" (2426)
80" (2032)



WFOU1-64X80

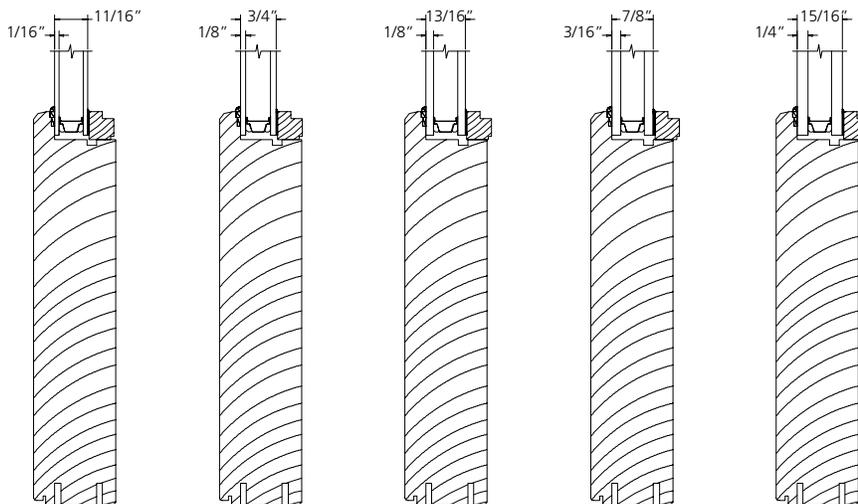
ELEVATION SYMBOL LEGEND:
M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS

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

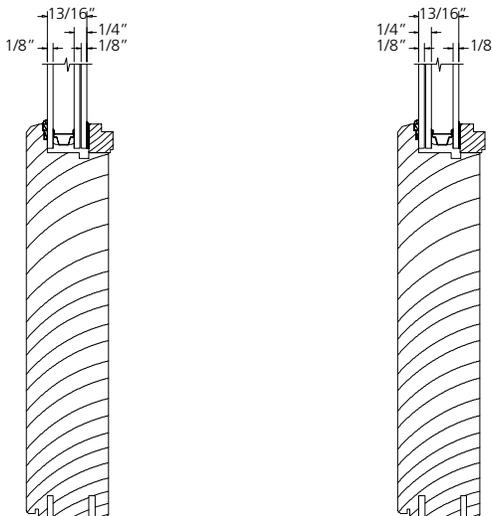
SCALE: 1/4" = 1'

GLAZING OPTIONS

INTERIOR GLAZED



11/16" STANDARD 3/4" STANDARD 13/16" STANDARD 7/8" STANDARD 15/16" STANDARD



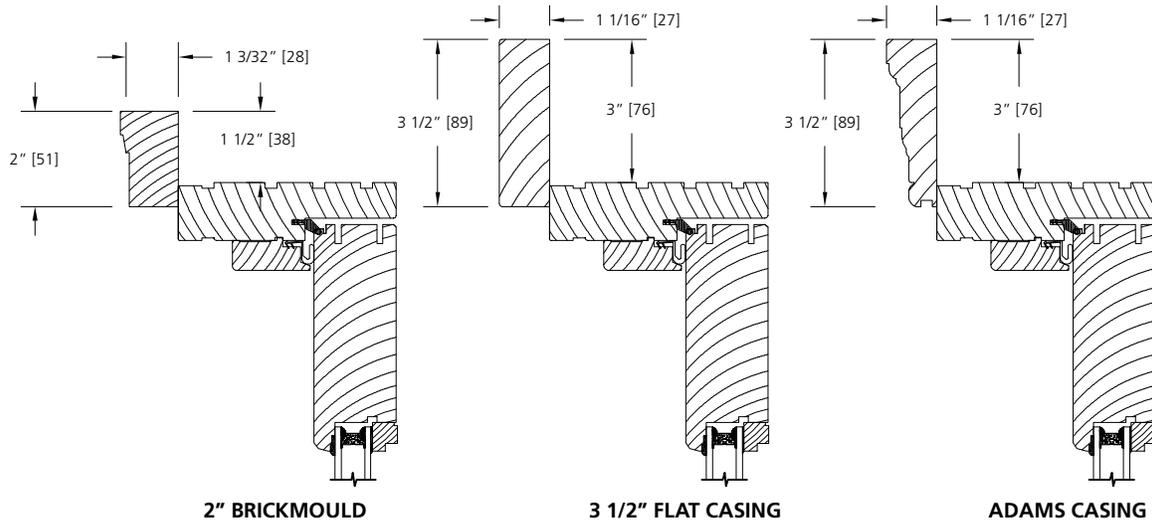
**LAMINATED GLASS CLEAR
OR LOW E**

LAMINATED GLASS TINTED

SCALE: 3" = 1'

TRIM OPTIONS
IN-SWING

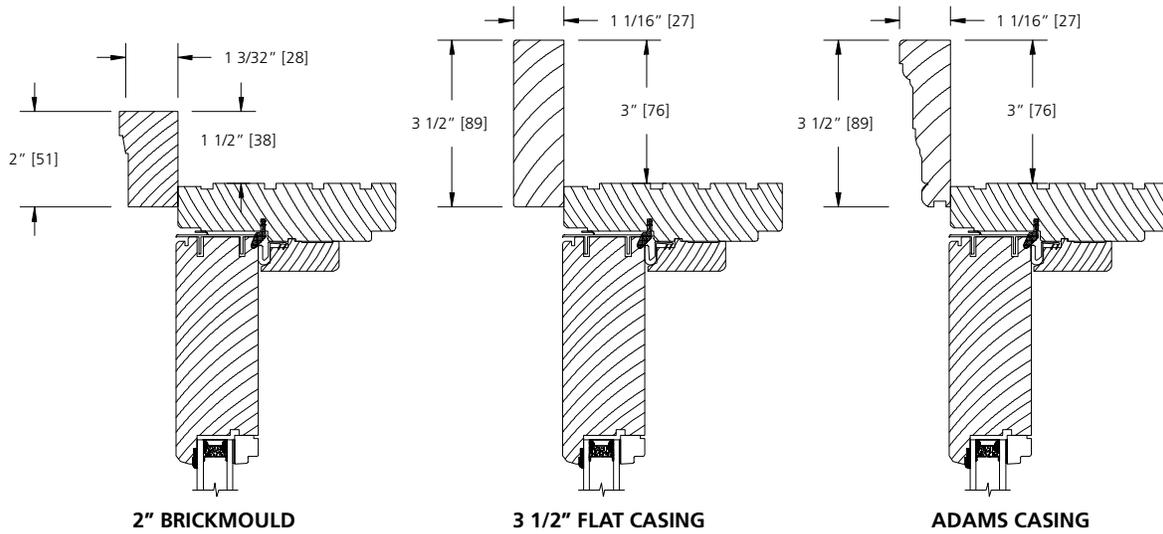
EXTERIOR TRIM



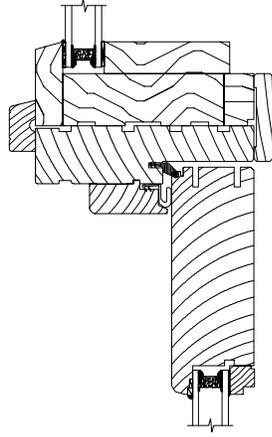
SCALE: 3" = 1'

**TRIM OPTIONS
OUT-SWING**

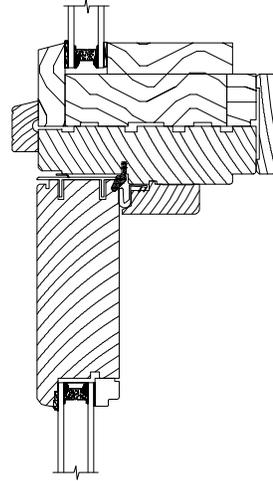
EXTERIOR TRIM



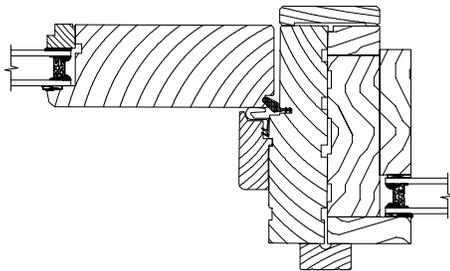
STANDARD MULLION OPTIONS



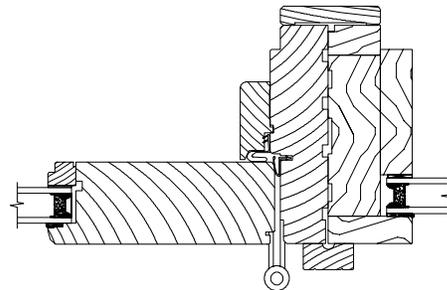
IN-SWING PATIO DOOR
WITH TRANSOM



OUT-SWING PATIO DOOR
WITH TRANSOM



IN-SWING PATIO DOOR
WITH SIDELIGHT



OUT-SWING PATIO DOOR
WITH SIDELIGHT

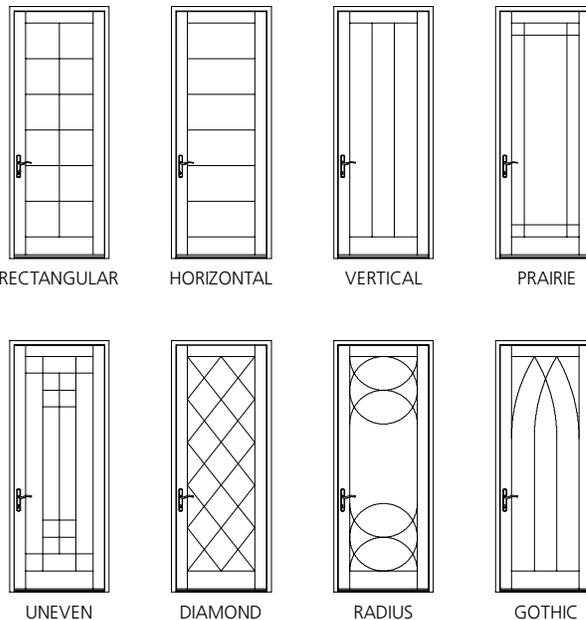
SCALE: 3" = 1'

LITE CUT INFORMATION

Wood In-Swing and Out-Swing patio doors are available with removable grilles in 7/8", 1-1/8" and 1-3/8" widths, with grilles between the glass (GBG), or with Simulated Divided Lites. Standard lite cuts are rectangular.

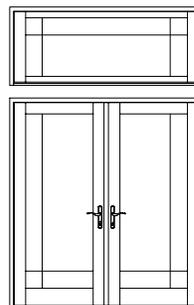
LITE CUT OPTIONS

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 Wood 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.

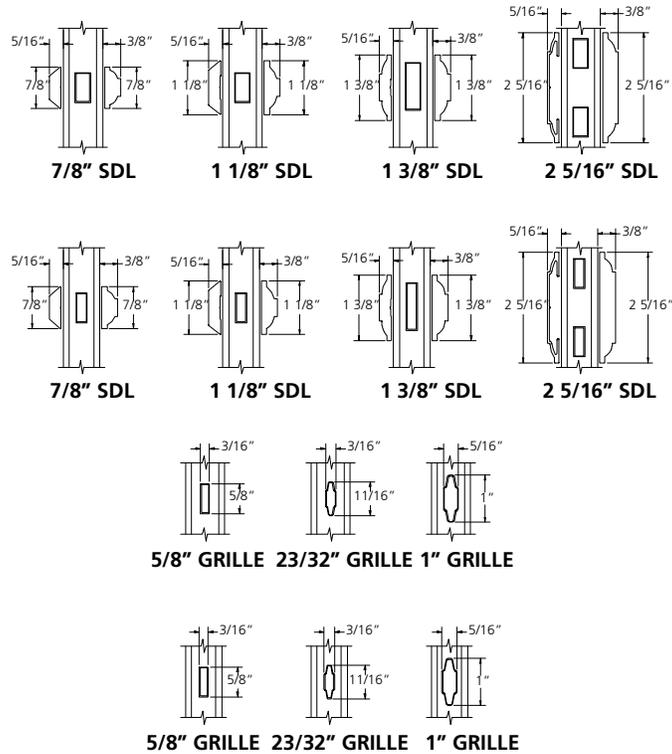


BAR ALIGNMENT

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



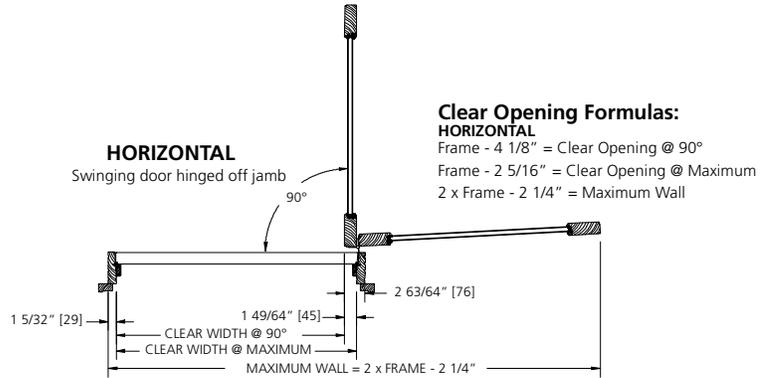
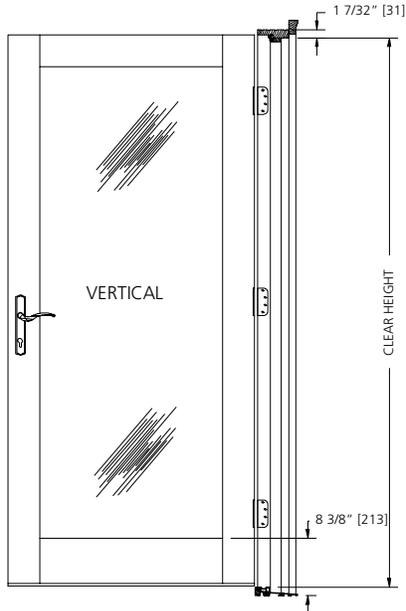
DIVIDED LITE OPTIONS



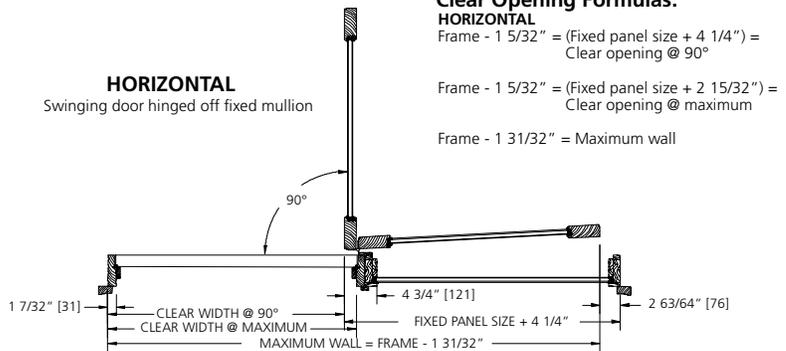
GRILLE PROFILES:

3/16" x 5/8"	ALLMETAL 1021101018XX140
3/16" x 1"	ALLMETAL 1020101018XX164
1/4" x 5/8"	ALLMETAL 1020102018XX140
1/4" x 1"	ALLMETAL 1020102018XX164
5.5mm x 18mm CONTOUR	ALLMETAL 1020301010XX255
8mm x 25mm CONTOUR	ALLMETAL 1020301018XX380

CLEAR OPENING INFORMATION
IN-SWING



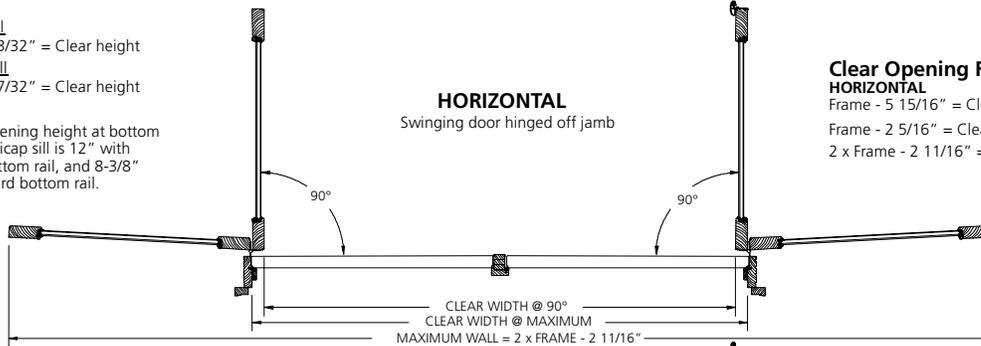
Clear Opening Formulas:
HORIZONTAL
Frame - $4\frac{1}{8}$ " = Clear Opening @ 90°
Frame - $2\frac{5}{16}$ " = Clear Opening @ Maximum
 $2 \times$ Frame - $2\frac{1}{4}$ " = Maximum Wall



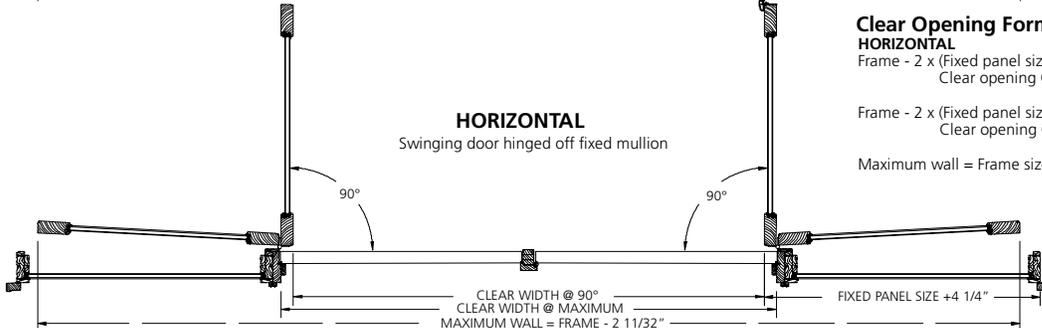
Clear Opening Formulas:
HORIZONTAL
Frame - $1\frac{5}{32}$ " = (Fixed panel size + $4\frac{1}{4}$ ") = Clear opening @ 90°
Frame - $1\frac{5}{32}$ " = (Fixed panel size + $2\frac{15}{32}$ ") = Clear opening @ maximum
Frame - $1\frac{31}{32}$ " = Maximum wall

VERTICAL
Standard Sill
Frame - $2\frac{23}{32}$ " = Clear height
Handicap Sill
Frame - $1\frac{27}{32}$ " = Clear height

Daylight opening height at bottom rail to handicap sill is 12" with 10-1/4" bottom rail, and 8-3/8" with standard bottom rail.

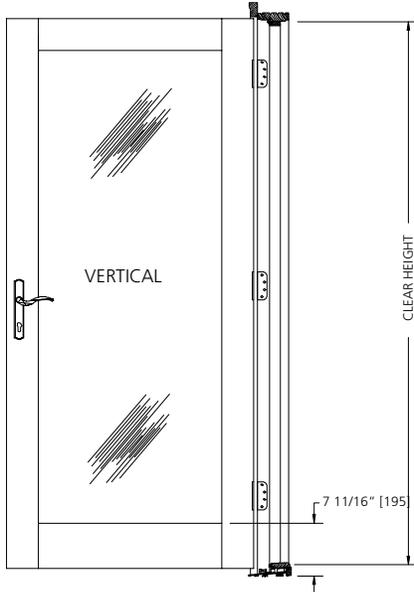


Clear Opening Formulas:
HORIZONTAL
Frame - $5\frac{15}{16}$ " = Clear Opening @ 90°
Frame - $2\frac{5}{16}$ " = Clear Opening @ Maximum
 $2 \times$ Frame - $2\frac{11}{16}$ " = Maximum Wall

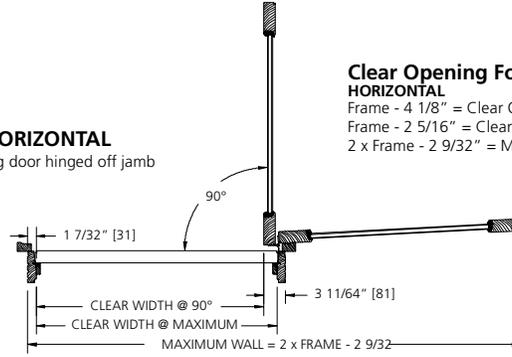


Clear Opening Formulas:
HORIZONTAL
Frame - $2 \times$ (Fixed panel size + $4\frac{1}{4}$ ") = Clear opening @ 90°
Frame - $2 \times$ (Fixed panel size + $2\frac{15}{32}$ ") = Clear opening @ maximum
Maximum wall = Frame size - $2\frac{11}{32}$ "

CLEAR OPENING INFORMATION
OUT-SWING

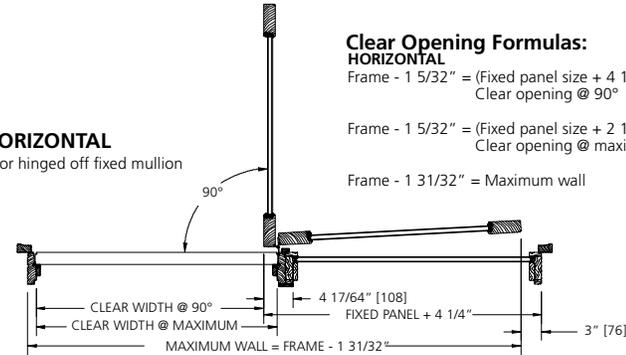


HORIZONTAL
Swinging door hinged off jamb



Clear Opening Formulas:
HORIZONTAL
Frame - 4 1/8" = Clear Opening @ 90°
Frame - 2 5/16" = Clear Opening @ Maximum
2 x Frame - 2 9/32" = Maximum Wall

HORIZONTAL
Swinging door hinged off fixed mullion



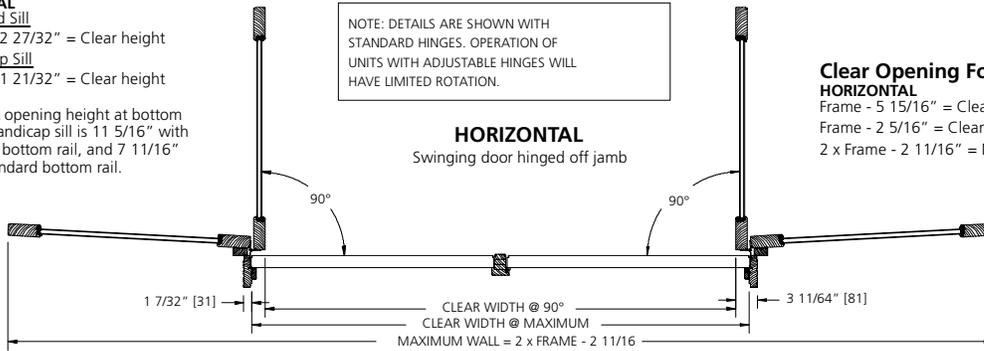
Clear Opening Formulas:
HORIZONTAL
Frame - 1 5/32" = (Fixed panel size + 4 1/4") = Clear opening @ 90°
Frame - 1 5/32" = (Fixed panel size + 2 15/32") = Clear opening @ maximum
Frame - 1 31/32" = Maximum wall

VERTICAL
Standard Sill
Frame - 2 27/32" = Clear height
Handicap Sill
Frame - 1 21/32" = Clear height

Daylight opening height at bottom rail to handicap sill is 11 5/16" with 10-1/4" bottom rail, and 7 11/16" with standard bottom rail.

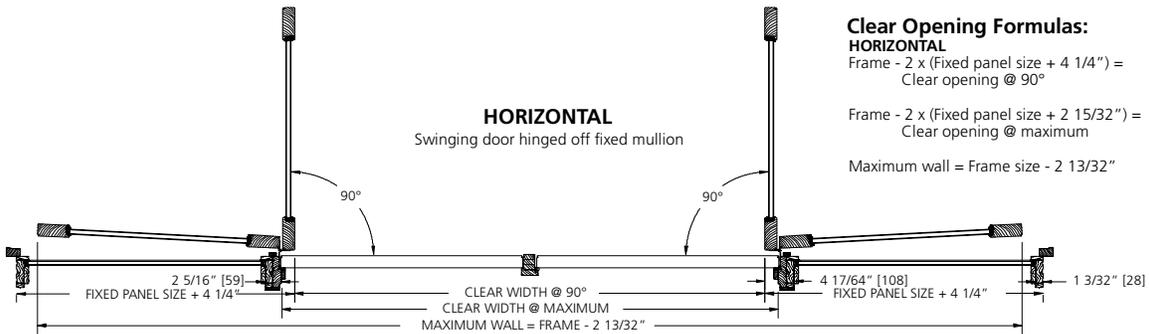
NOTE: DETAILS ARE SHOWN WITH STANDARD HINGES. OPERATION OF UNITS WITH ADJUSTABLE HINGES WILL HAVE LIMITED ROTATION.

HORIZONTAL
Swinging door hinged off jamb



Clear Opening Formulas:
HORIZONTAL
Frame - 5 15/16" = Clear Opening @ 90°
Frame - 2 5/16" = Clear Opening @ Maximum
2 x Frame - 2 11/16" = Maximum Wall

HORIZONTAL
Swinging door hinged off fixed mullion



Clear Opening Formulas:
HORIZONTAL
Frame - 2 x (Fixed panel size + 4 1/4") = Clear opening @ 90°
Frame - 2 x (Fixed panel size + 2 15/32") = Clear opening @ maximum
Maximum wall = Frame size - 2 13/32"

DAYLIGHT & CLEAR OPENING SPECIFICATIONS

Unit Description & Size	Clear Opening								Clear Opening Height (in.)	Daylight Opening (Interior) (sq. ft.)
	Active Panel Open to 90°		Both Panels Open to 90°		Active Panel Open to 180°		Both Panels Open to 180°			
	Width (in.)	Clear Opg. (sq. ft.)	Width (in.)	Clear Opg. (sq. ft.)	Width (in.)	Clear Opg. (sq. ft.)	Width (in.)	Clear Opg. (sq. ft.)		
PRIMED VIEW SIDELIGHTS										
14X68										4.44
20X68										5.78
26X68										8.44
28X68										9.33
30X68										11.11
40X68										16.44
14X6B										4.65
20X6B										6.05
26X6B										8.84
28X6B										9.77
30X6B										11.63
40X6B										17.22
14X80										5.56
20X80										7.22
26X80										10.56
28X80										11.67
30X80										13.89
40X80										20.56
PRIMED VIEW IN-SWING ENTRY DOOR										
26X68	25.59	13.58			27.06	14.36			76.41	8.44
28X68	27.58	14.63			29.06	15.42			76.41	9.33
30X68	31.56	16.75			33.06	17.54			76.41	11.11
26X6B	25.59	14.11			27.06	14.92			79.41	8.84
28X6B	27.58	15.21			29.06	16.03			79.41	9.77
30X6B	31.56	17.40			33.06 E	18.23			79.41 E	11.63
26X80	25.59	16.42			27.06	17.37			92.41	10.56
28X80	27.58	17.70			29.06	18.65			92.41	11.67
30X80	31.56	20.25			33.06 E	21.22			92.41 E	13.89
PRIMED VIEW OUT-SWING ENTRY DOOR										
26X68	25.58	13.44			27.06	14.23			75.70	8.44
28X68	27.57	14.49			29.06	15.28			75.70	9.33
30X68	31.55	16.59			33.06	17.38			75.70	11.11
32X68 ADA	33.54	17.86			35.06	18.67			76.66	12.00
26X6B	25.58	13.98			27.06	14.79			78.70	8.84
28X6B	27.57	15.07			29.06	15.88			78.70	9.77
30X6B	31.55	17.24			33.06 E	18.07			78.70 E	11.63
32X6B ADA	33.54 E	18.56			35.06 E	19.40			79.66 E	12.56
26X80	25.58	16.29			27.06	17.23			91.70	10.56
28X80	27.57	17.55			29.06	18.51			91.70	11.67
30X80	31.55	20.09			33.06 E	21.05			91.70 E	13.89
32X80 ADA	33.54 E	21.58			35.06 E	22.56			92.66 E	15.00

Note: Square feet of clear opening = square feet of vent.
 Some of the primed units have slightly smaller openings.
 Minimum Egress width is 32 inches.
 Minimum Egress height is 6' 8".
 Where openings have two operating leaves with no mullion, one leaf must meet these requirements.
 These minimum requirements do not apply if a means of Egress is provided elsewhere in the building.

E Meets national Egress requirements

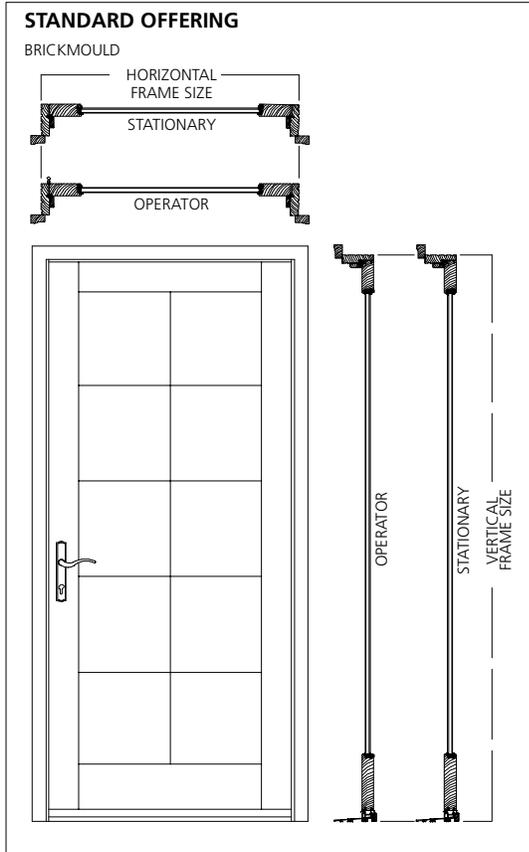
DAYLIGHT & CLEAR OPENING SPECIFICATIONS

Unit Description & Size	Clear Opening									Daylight Opening (Interior) (sq. ft.)
	Active Panel Open to 90°		Both Panels Open to 90°		Active Panel Open to 180°		Both Panels Open to 180°		Clear Opening Height (in.)	
	Width (in.)	Clear Opg. (sq. ft.)	Width (in.)	Clear Opg. (sq. ft.)	Width (in.)	Clear Opg. (sq. ft.)	Width (in.)	Clear Opg. (sq. ft.)		
PRIMED FRENCH VIEW IN-SWING DOOR										
40X68	19.38	10.28	40.40	21.43	20.89	11.08	43.81	23.25	76.41	11.56
50X68	25.33	13.44	52.40	27.80	26.89	14.27	55.81	29.61	76.41	16.89
54X68	27.32	14.50	56.40	29.92	28.89	15.33	59.81	31.74	76.41	18.67
60X68	31.30	16.61	64.40	34.17	32.89	17.45	67.81	35.98	76.41	22.22
40X6B	19.38	10.69	40.40	22.28	20.89	11.52	43.81	24.16	79.41	12.10
50X6B	25.33	13.97	52.40	28.89	26.89	14.83	55.81	30.78	79.41	17.68
54X6B	27.32	15.07	56.40	31.10	28.89	15.93	59.81	32.98	79.41	19.54
60X6B	31.30	17.26	64.40	35.51	32.89	18.13	67.81	37.39	79.41	23.26
40X80	19.38	12.44	40.40	25.92	20.89	13.40	43.81	28.12	92.41	14.44
50X80	25.33	16.26	52.40	33.62	26.89	17.25	55.81	35.82	92.41	21.11
54X80	27.32	17.53	56.40	36.19	28.89	18.54	59.81	38.38	92.41	23.33
60X80	31.30	20.09	64.40	41.32	32.89	21.10	67.81	43.52	92.41	27.78
PRIMED FRENCH VIEW OUT-SWING DOOR										
40X68	20.40	10.72	40.58	21.33	21.99	11.56	43.81	23.03	75.70	11.56
50X68	26.39	13.87	52.58	27.64	27.99	14.71	55.81	29.34	75.70	16.89
54X68	28.39	14.92	56.58	29.74	29.99	15.77	59.81	31.44	75.70	18.67
60X68	32.39	17.02	64.58	33.95	33.99	17.87	67.81	35.65	75.70	22.22
64X68 ADA	34.39	18.31	68.58	36.51	35.99	19.16	71.81	38.23	76.66	24.00
40X6B	20.40	11.15	40.58	22.17	21.99	12.02	43.81	23.94	78.70	12.10
50X6B	26.39	14.42	52.58	28.73	27.99	15.30	55.81	30.50	78.70	17.68
54X6B	28.39	15.51	56.58	30.92	29.99	16.39	59.81	32.69	78.70	19.54
60X6B	32.39 E	17.70	64.58 E	35.29	33.99 E	18.58	67.81 E	37.06	78.70 E	23.26
64X6B ADA	34.39 E	19.02	68.58 E	37.94	35.99 E	19.91	71.81 E	39.73	79.66 E	25.13
40X80	20.40	12.99	40.58	25.84	21.99	14.00	43.81	27.90	91.70	14.44
50X80	26.39	16.81	52.58	33.48	27.99	17.82	55.81	35.54	91.70	21.11
54X80	28.39	18.08	56.58	36.03	29.99	19.10	59.81	38.09	91.70	23.33
60X80	32.39 E	20.62	64.58 E	41.12	33.99 E	21.64	67.81 E	43.18	91.70 E	27.78
64X80 ADA	34.39 E	22.13	68.58 E	44.13	35.99 E	23.16	71.81 E	46.21	92.66 E	30.00
PRIMED FRENCH VIEW CENTER HINGE DOOR										
50X68	25.65	13.61			27.19	14.43			76.41	16.89
54X68	27.64	14.67			29.19	15.49			76.41	22.22
60X68	31.62	16.78			33.19	17.61			76.41	32.89
50X6B	25.65	14.14			27.19	14.99			79.41	17.68
54X6B	27.64	15.24			29.19	16.10			79.41	23.26
60X6B	31.62	17.44			33.19 E	18.30			79.41 E	34.43
50X80	25.65	16.46			27.19	17.45			92.41	21.11
54X80	27.64	17.74			29.19	18.73			92.41	27.78
60X80	31.62	20.29			33.19 E	21.30			92.41 E	41.11

Note: Square feet of clear opening = square feet of vent.
 Some of the primed units have slightly smaller openings.
 Minimum Egress width is 32 inches.
 Minimum Egress height is 6' 8".
 Where openings have two operating leaves with no mullion, one leaf must meet these requirements.
 These minimum requirements do not apply if a means of Egress is provided elsewhere in the building.

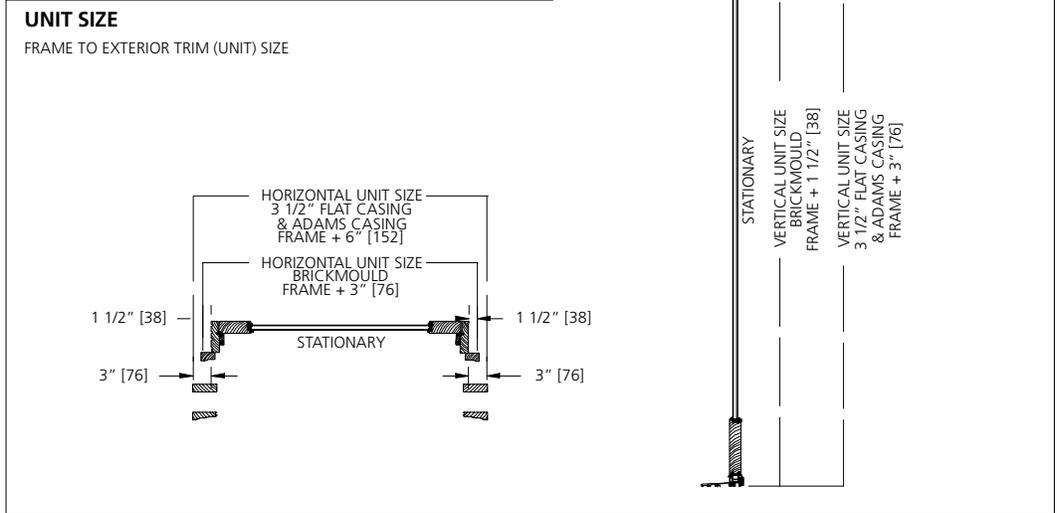
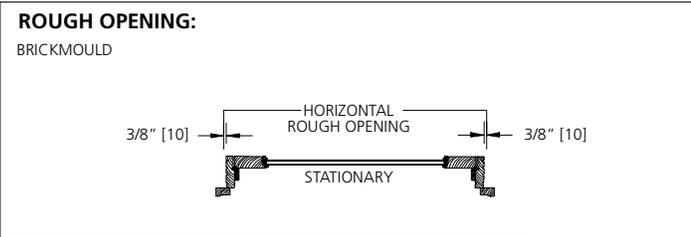
E Meets national Egress requirements

**UNIT SIZING, ROUGH OPENINGS
& MASONRY OPENINGS
IN-SWING**

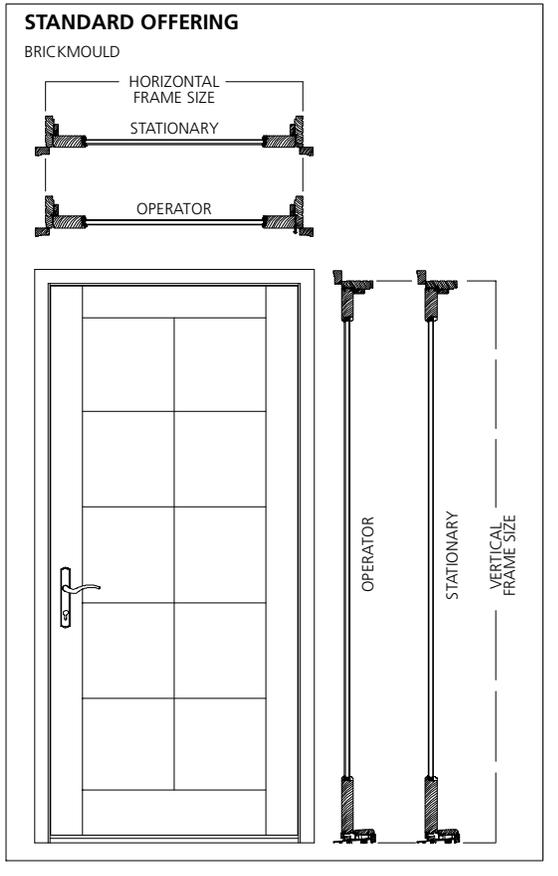


GENERAL NOTES:

- UNITS WITH NO EXTERIOR TRIM
FRAME SIZE = UNIT SIZE
- UNIT SIZE IS ALWAYS THE
EXTREME SIZE OF THE DOOR
WITH OR WITHOUT TRIM
- 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



**UNIT SIZING, ROUGH OPENINGS
& MASONRY OPENINGS
OUT-SWING**



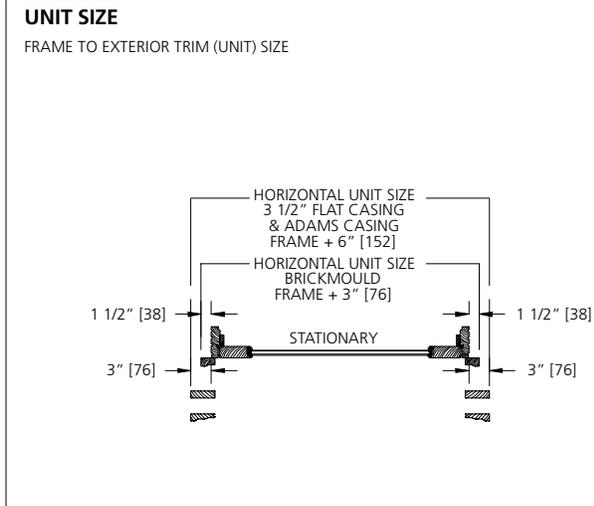
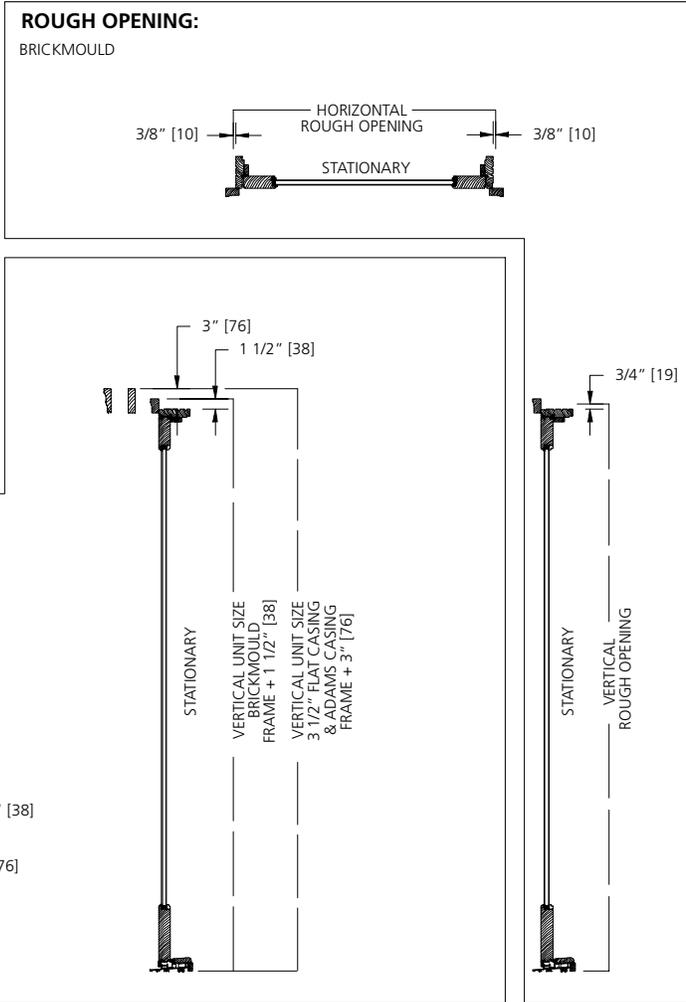
GENERAL NOTES:

UNITS WITH NO EXTERIOR TRIM
FRAME SIZE = UNIT SIZE

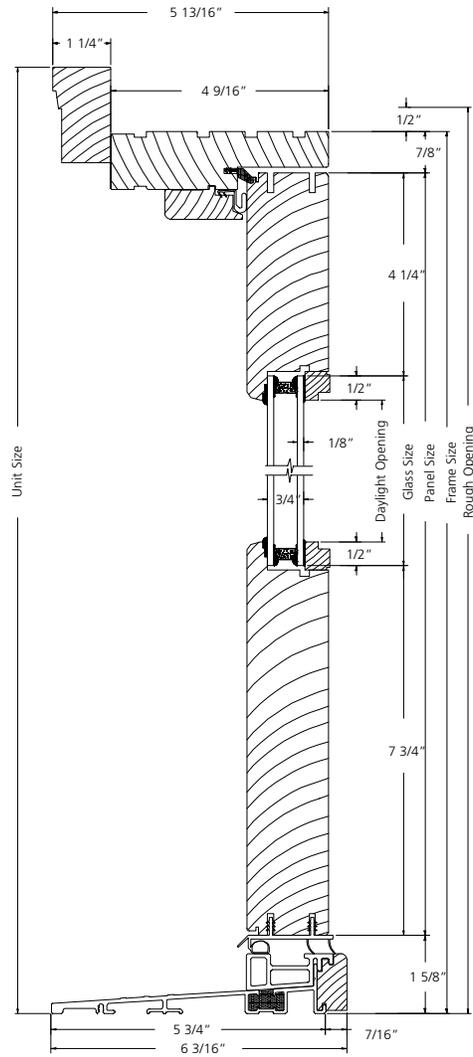
UNIT SIZE IS ALWAYS THE
EXTREME SIZE OF THE DOOR
WITH OR WITHOUT TRIM

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



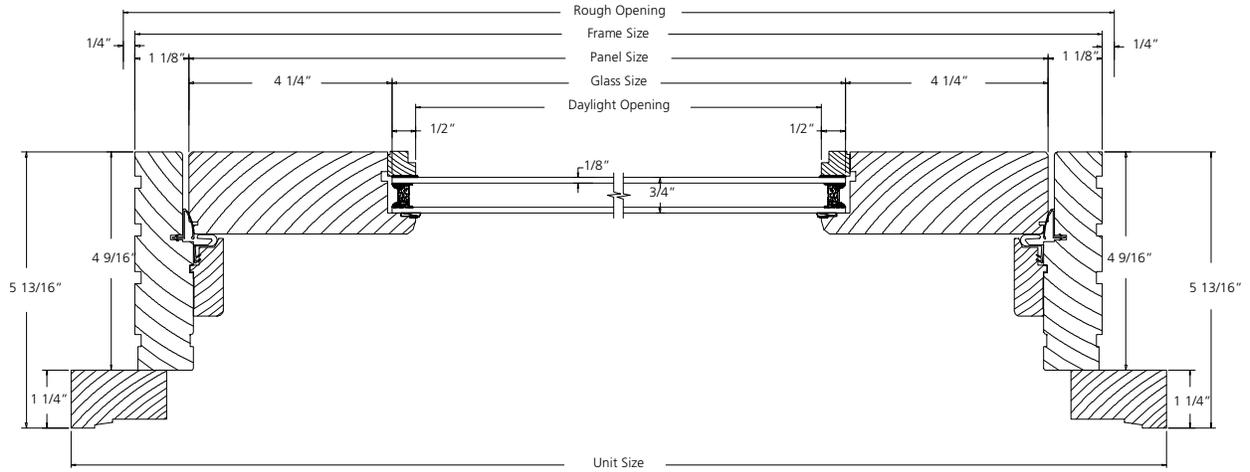
**IN-SWING DOOR
SIDELIGHT**



VERTICAL SECTION

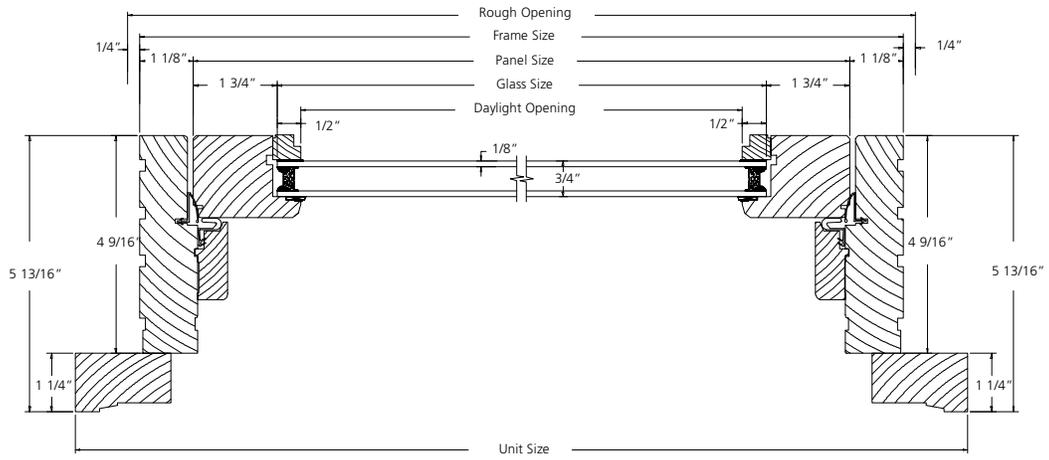
SCALE: 3" = 1'

**IN-SWING DOOR
SIDELIGHT**



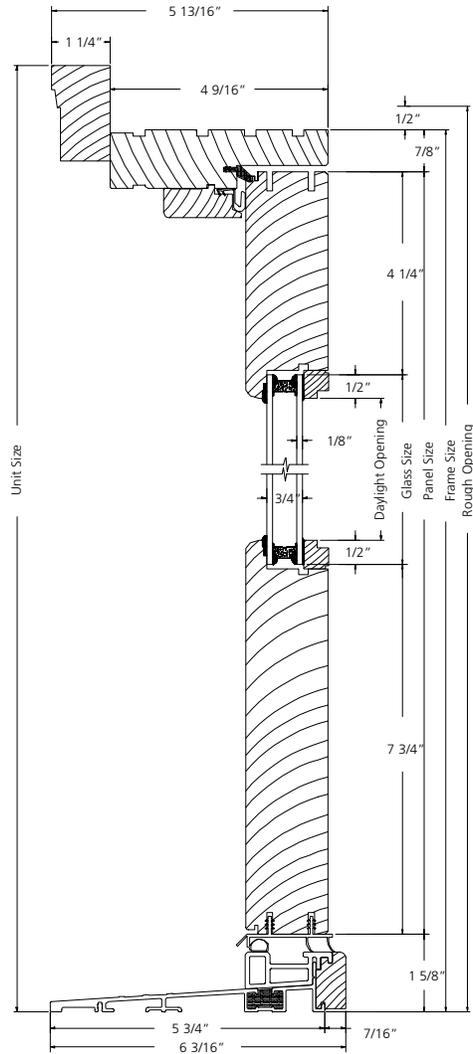
HORIZONTAL SECTION

**IN-SWING DOOR
SIDELIGHT WITH NARROW STILE**



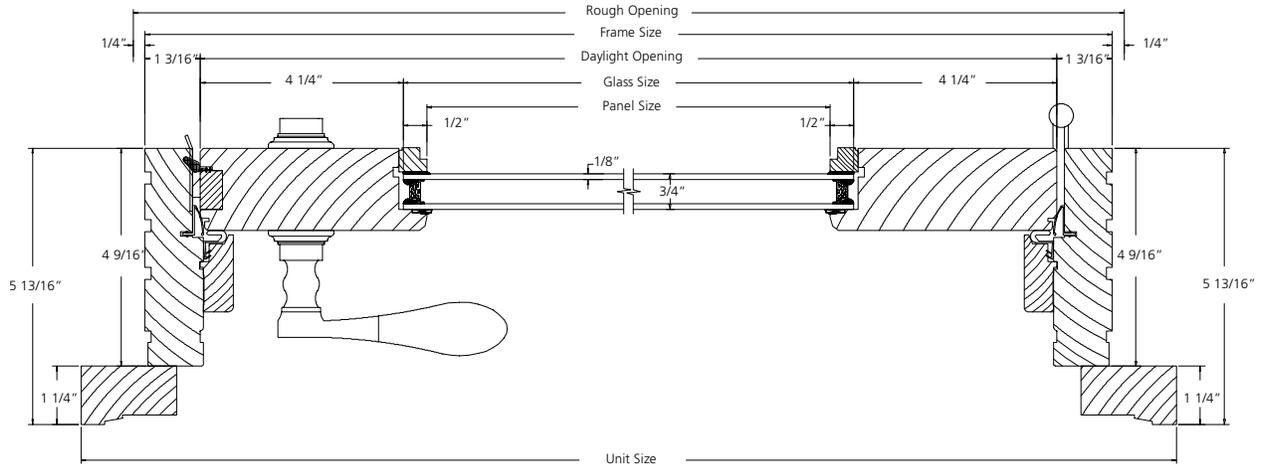
HORIZONTAL SECTION

**IN-SWING DOOR
ENTRY**



VERTICAL SECTION

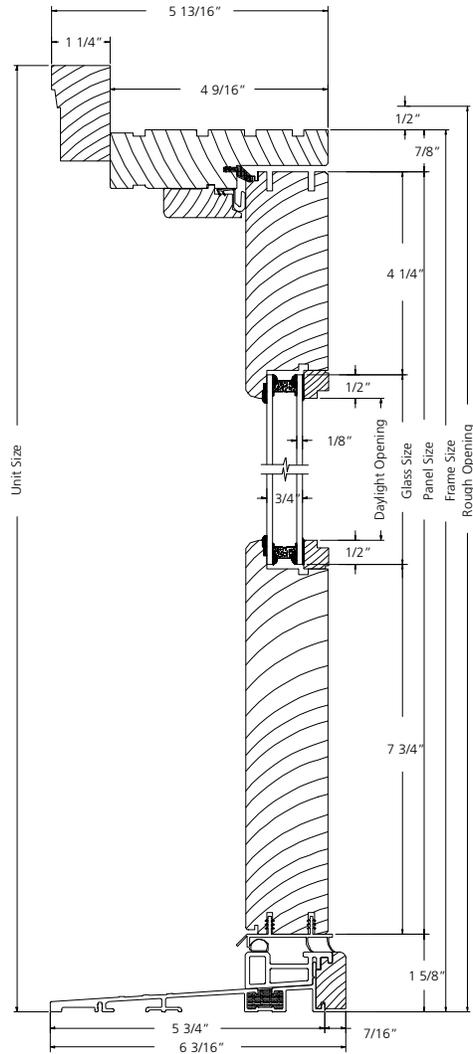
**IN-SWING DOOR
ENTRY**



HORIZONTAL SECTION

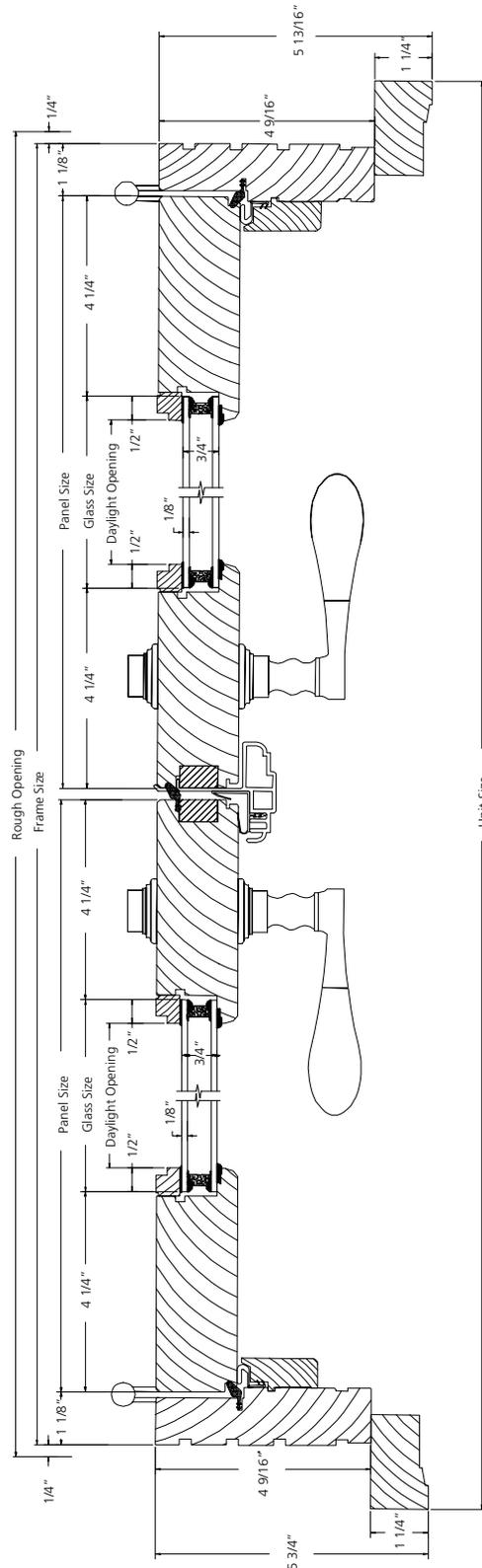
SCALE: 3" = 1'

**IN-SWING DOOR
2-PANEL**



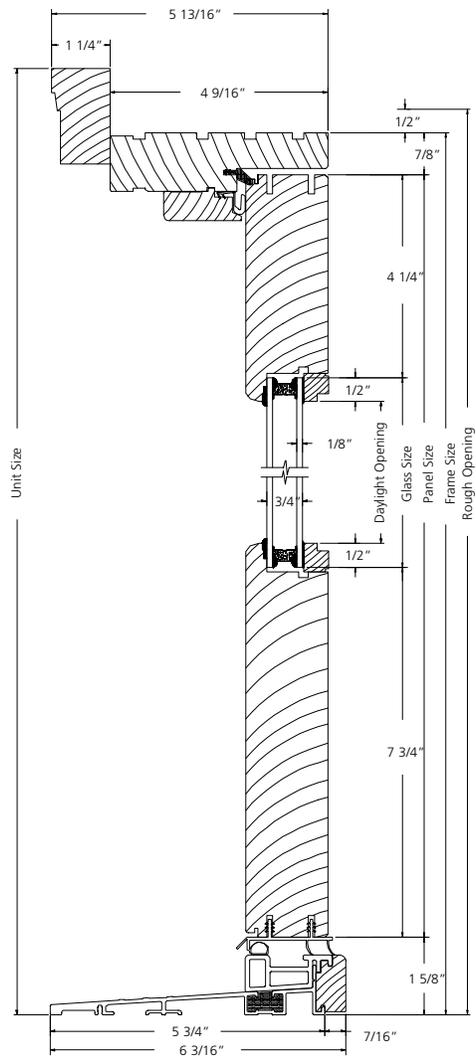
VERTICAL SECTION

IN-SWING DOOR
2-PANEL



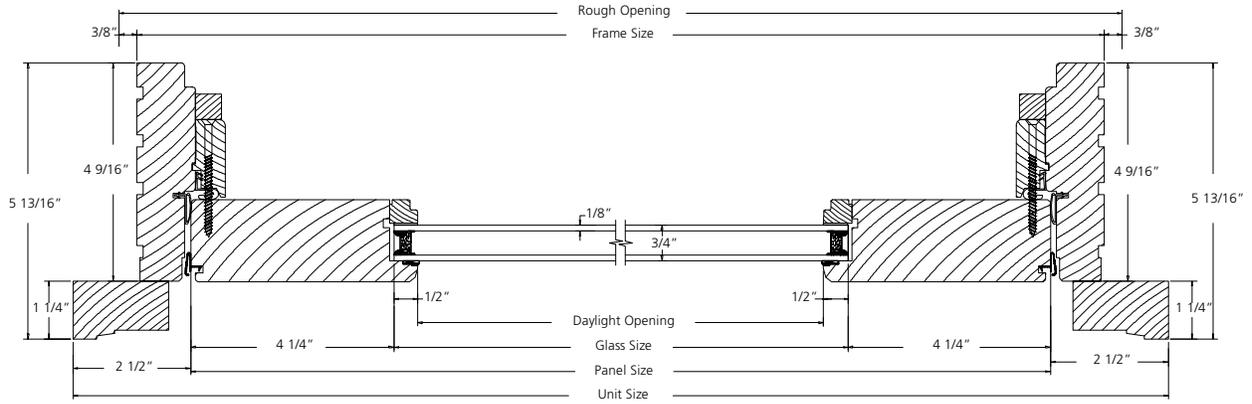
HORIZONTAL SECTION

**IN-SWING DOOR
CENTER HINGE**



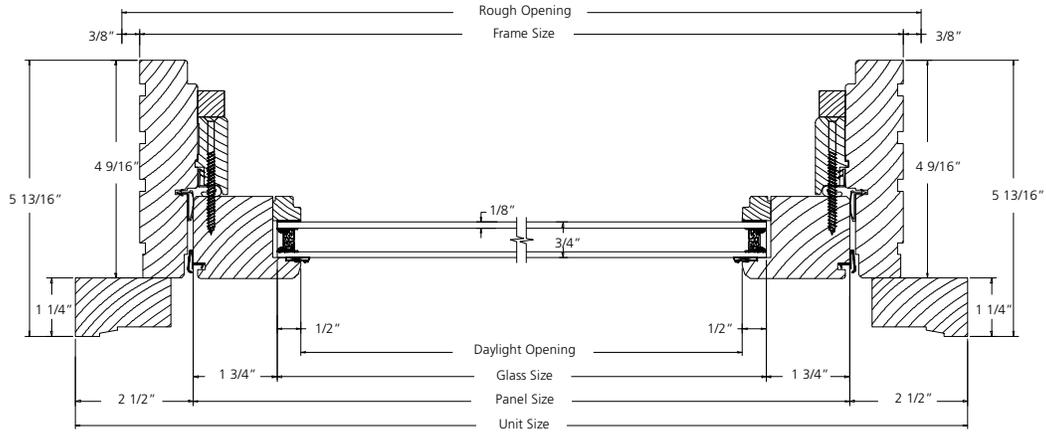
VERTICAL SECTION

**OUT-SWING DOOR
SIDELIGHT**



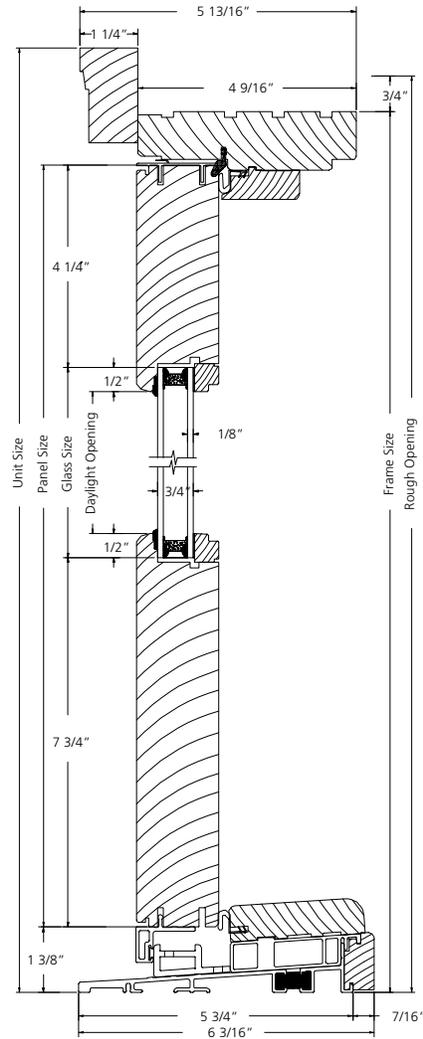
HORIZONTAL SECTION

**OUT-SWING DOOR
SIDELIGHT WITH NARROW STILE**



HORIZONTAL SECTION

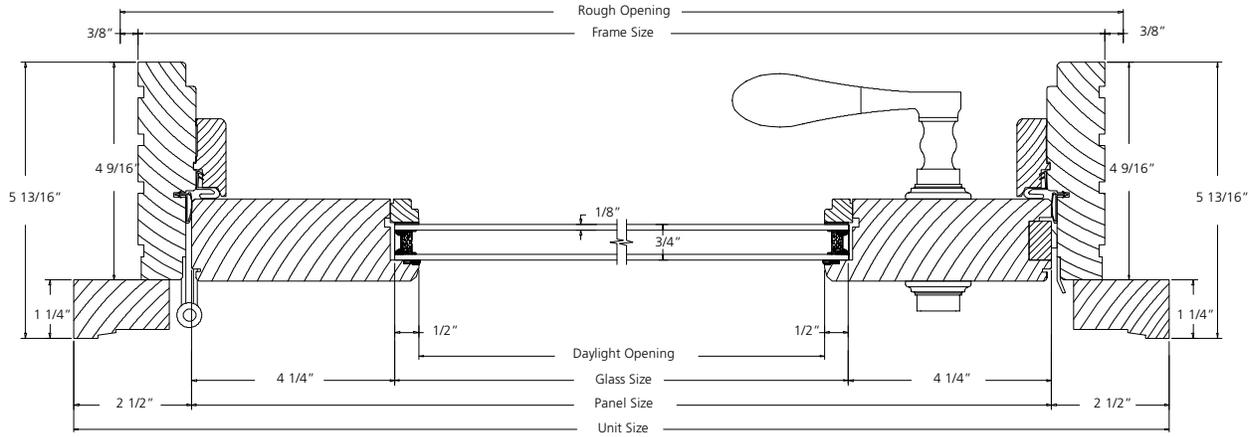
**OUT-SWING DOOR
ENTRY**



VERTICAL SECTION

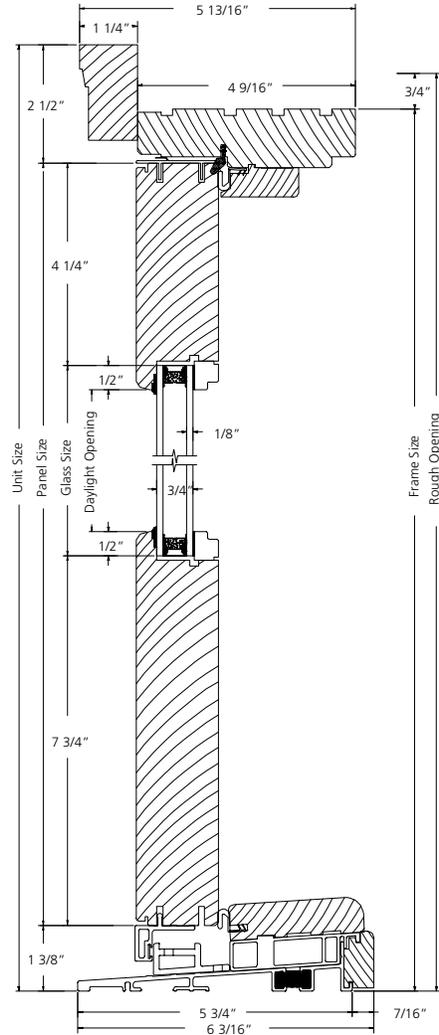
SCALE: 3" = 1'

**OUT-SWING DOOR
ENTRY**



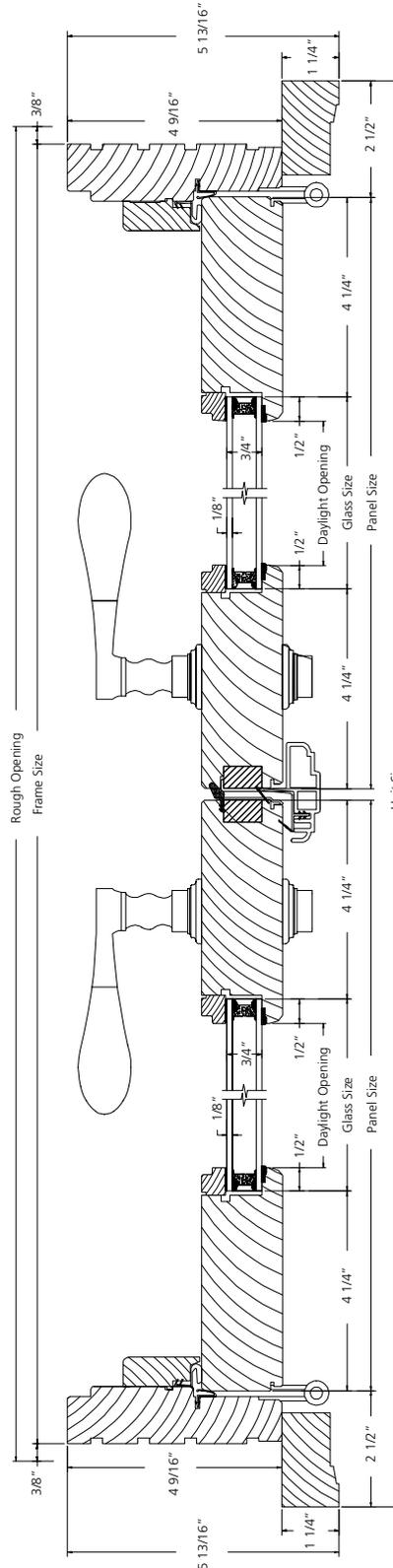
HORIZONTAL SECTION

**OUT-SWING DOOR
2-PANEL**



VERTICAL SECTION

OUT-SWING DOOR
2-PANEL



HORIZONTAL SECTION