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PRODUCT SPECIFICATIONS

MATERIALS

White and MB-40 bronze electrostatically applied baked polyester paint.

FRAME

All frames are assembled with a silicone-injected corner key for added strength and durability. The frame jamb width is 2-11/16" (68.25 mm), and the nominal extrusion exterior wall thickness is 0.063". The frame incorporates a 1/2" front flange for typical Florida installations into block construction. Weep holes are included on the frame to ensure standing water is directed to the exterior plane of the unit. Optional frame types: slip-on nailing fin.

SASH

The single hung sash is a nominal 1-1/4" (31.75mm) thickness. It is mechanically fastened for added strength and durability, and silicone sealed to ensure weathertight performance.

GLAZING

3/4" (19mm) insulated glass consists of two lites of glass sealed around a spacer. 1/8" (3mm) and 3/16" (5mm) monolithic glazing. The glass is mounted into the sash using a silicone-glazing compound. The insulating glass units comply with the performance requirements of the IGCC in accordance with either ASTM E774 or E2190. All units are exterior glazed.

GLAZING OPTIONS

3/4" (19mm) insulated glass is available in clear, Low-E or Low-E 366, tinted, obscure or other specialty insulating glass as specified. 1/8" (3mm) and 3/16" (5mm) monolithic glazing. Many glass options are available in tempered glazing or monolithic glass.

WEATHER-STRIPPING

A fin-pile weather-strip is applied along the full perimeter of the operating sash and meeting rail.

HARDWARE

A single action cam style lock is available on all windows. Block and Tackle balance systems are utilized to support the vertical operation of the sash.

INSECT SCREENS

The exterior fiberglass charcoal color insect screen is set in an aluminum frame to match the color of the unit. The spring loaded screen system assists in keeping it secured to the window. Insect screens are intended to allow air and light in and keep insects out. They are not intended to keep anyone or anything from falling through an open door or window. For safety screens or other security devices contact your local building supply retailer.

GRILLES

GBG (Grilles between the Glass) - 5/8" (16mm) and 7/8" (22.2mm) flat or 5/8" (16mm) contour grilles mounted between the glass panes suspended within the air cavity and color matched to the extrusion color.

DA (Double Applied) - Aluminum 7/8" double applied flat/flat bar is applied to the exterior of the single glazed glass to give the detail of a true divided look.

ADDITIONAL ACCESSORIES

Please contact your local building supply retailer for a complete listing of the additional accessories. See www.jeld-wen.com/findsupplier.

INSTALLATION

See www.jeld-wen.com/resources for instructions.

PERFORMANCE

Please reference www.jeld-wen.com/performance ratings for up to date Design Pressure and approval information.

QUICK SPEC GUIDE

SPECIFICATION	STANDARD FEATURES	OPTIONAL FEATURES <i>Some options may require additional lead times. Consult your JELD-WEN Sales Representative.</i>
COLOR	<ul style="list-style-type: none"> • White • Bronze 	
SIZE	<ul style="list-style-type: none"> • Width: 17" - 52-1/8" • Height: 12" - 75" 	
FRAME	<ul style="list-style-type: none"> • Front Flange 	<ul style="list-style-type: none"> • Slip-On Fin
GLAZING	<ul style="list-style-type: none"> • Single-Glaze Clear 	<ul style="list-style-type: none"> • 3/4" Clear Insulated • 3/4" Low-E Insulated • Bronze • Gray • Green • Obscure • Azurlite • Graylite (Turtle) <p style="text-align: right;"><i>All glass available tempered</i></p>
HARDWARE	<ul style="list-style-type: none"> • Cam-Lock 	
HARDWARE COLOR	<ul style="list-style-type: none"> • Color matched to extrusion 	
SCREENS	<ul style="list-style-type: none"> • Fiberglass 	
SCREEN FRAME COLOR	<ul style="list-style-type: none"> • Color matched to extrusion 	
GRILLES		<ul style="list-style-type: none"> • Double Applied Flat/Flat Bar (single-glaze only) • 5/8", 7/8" Flat GBG • 5/8" Contour
JAMB	<ul style="list-style-type: none"> • 2-11/16" 	

SINGLE-HUNG

	18"	24"	26"	30"	32"	34"	36"	42"
UNIT SIZE	18"	24"	26"	30"	32"	34"	36"	42"
ROUGH OPENING	17 1/2"	23 1/2"	25 1/2"	29 1/2"	31 1/2"	33 1/2"	35 1/2"	41 1/2"
FRAME SIZE	17"	23"	25"	29"	31"	33"	35"	41"
DAYLIGHT OPENING	14 19/32"	20 19/32"	22 19/32"	26 19/32"	28 19/32"	30 19/32"	32 19/32"	38 19/32"
	12 41/64"	18 41/64"	20 41/64"	24 41/64"	26 41/64"	28 41/64"	30 41/64"	36 41/64"
30"								
	20*	20*	20*	20*	20*	20*	20*	20*
	45H1830	45H2430	45H2630	45H3030	45H3230	45H3430	45H3630	45H4230
36"								
	20*	20*	20*	20*	20*	20*	20*	20*
	45H1836	45H2436	45H2636	45H3036	45H3236	45H3436	45H3636	45H4236
42"								
	20*	20*	20*	20*	20*	20*	20*	20*
	45H1842	45H2442	45H2642	45H3042	45H3242	45H3442	45H3642	45H4242
48"								
	20*	20*	20*	20*	20*	20*	20*	20*
	45H1848	45H2448	45H2648	45H3048	45H3248	45H3448	45H3648	45H4248
54"								
	20*	20*	20*	20*	20*	20*	20*	20*
	45H1854	45H2454	45H2654	45H3054	45H3254	45H3454	45H3654	45H4254
60"								
	20*	20*	20*	20*	20*	20*	20*	20*
	45H1860	45H2460	45H2660	45H3060	45H3260	45H3460	45H3660	45H4260

ELEVATION SYMBOL LEGEND:
 ###* NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.

SCALE: 1/4" = 1'

SINGLE-HUNG

UNIT SIZE	18"	24"	26"	30"	32"	34"	36"	42"		
ROUGH OPENING	17 1/2"	23 1/2"	25 1/2"	29 1/2"	31 1/2"	33 1/2"	35 1/2"	41 1/2"		
FRAME SIZE	17"	23"	25"	29"	31"	33"	35"	41"		
DAYLIGHT OPENING	14 19/32" 12 41/64"	20 19/32" 18 41/64"	22 19/32" 20 41/64"	26 19/32" 24 41/64"	28 19/32" 26 41/64"	30 19/32" 28 41/64"	32 19/32" 30 41/64"	38 19/32" 36 41/64"		
66" 65 9/12" 65" 29 1/64" 30 1/8"										
	45H1866	45H2466	45H2666	45H3066	45H3266	45H3466	45H3666	45H4266		
	72" 71 1/12" 71" 32 1/64" 33 1/8"									
		45H1872	45H2472	45H2672	45H3072	45H3272	45H3472	45H3672	45H4272	
		76" 75 1/2" 75" 34 1/64" 35 1/8"								
			45H1876	45H2476	45H2676	45H3076	45H3276	45H3476	45H3676	45H4276

ELEVATION SYMBOL LEGEND:

- ### NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.
- E UNIT MEETS EGRESS REQUIREMENTS FOR IRC CODE. STATE AND LOCAL EGRESS CODES MAY DIFFER. ALWAYS REFER TO LOCAL BUILDING CODES FOR COMPLETE REQUIREMENTS. CHECK WITH LOCAL OFFICIALS TO ENSURE COMPLIANCE BEFORE INSTALLING THE UNIT.

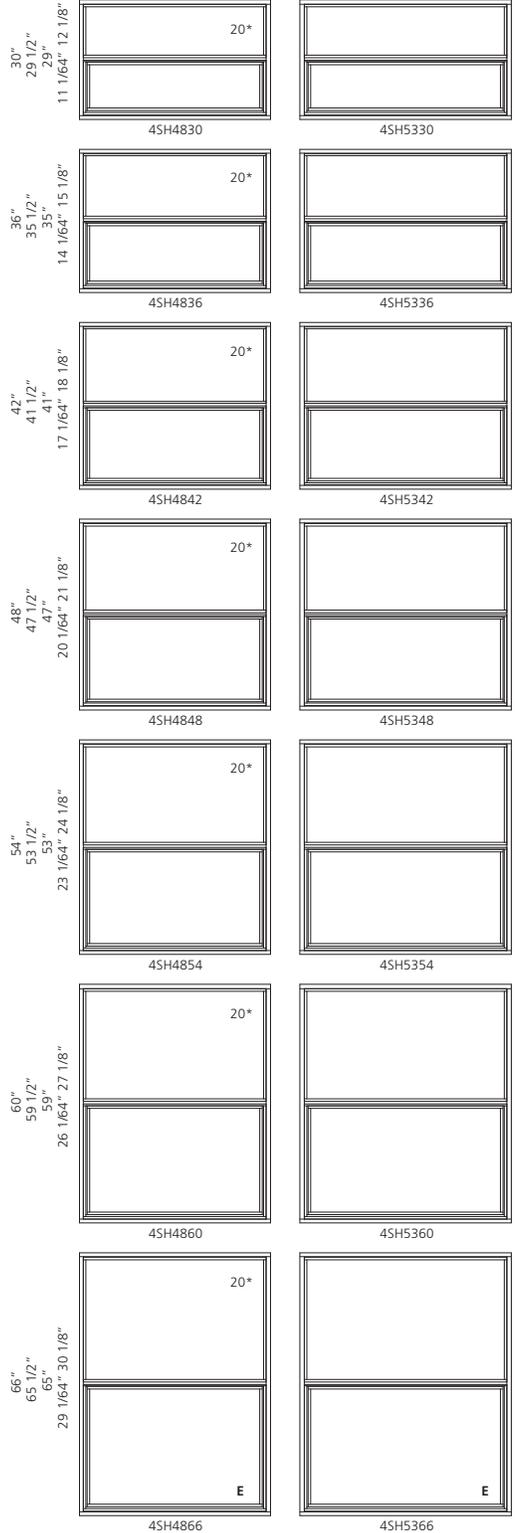
SCALE: 1/4" = 1'

SINGLE-HUNG

UNIT SIZE
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

48"
47 1/2"
47"
44 19/32"
42 41/64"

53"
52 1/2"
52"
49 19/32"
47 41/64"



ELEVATION SYMBOL LEGEND:

NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.

E UNIT MEETS EGRESS REQUIREMENTS FOR IRC CODE. STATE AND LOCAL EGRESS CODES MAY DIFFER. ALWAYS REFER TO LOCAL BUILDING CODES FOR COMPLETE REQUIREMENTS. CHECK WITH LOCAL OFFICIALS TO ENSURE COMPLIANCE BEFORE INSTALLING THE UNIT.

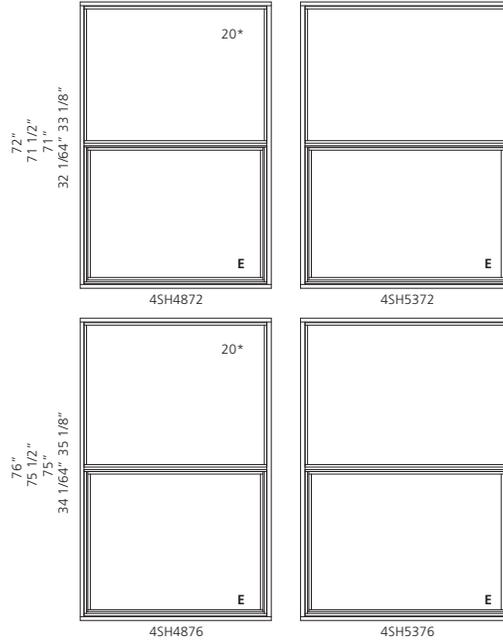
SCALE: 1/4" = 1'

SINGLE-HUNG

UNIT SIZE
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

48"
47 1/2"
47"
44 19/32"
42 41/64"

53"
52 1/2"
52"
49 19/32"
47 41/64"



ELEVATION SYMBOL LEGEND:

- ### NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.
- E UNIT MEETS EGRESS REQUIREMENTS FOR IRC CODE. STATE AND LOCAL EGRESS CODES MAY DIFFER. ALWAYS REFER TO LOCAL BUILDING CODES FOR COMPLETE REQUIREMENTS. CHECK WITH LOCAL OFFICIALS TO ENSURE COMPLIANCE BEFORE INSTALLING THE UNIT.

SCALE: 1/4" = 1'

SINGLE-HUNG - FLORIDA SIZES

UNIT SIZE	19 1/8"	26 1/2"	37"	53 1/8"
ROUGH OPENING	18 5/8"	26"	36 1/2"	52 5/8"
FRAME SIZE	18 1/8"	25 1/2"	36"	52 1/8"
DAYLIGHT OPENING	15 23/32"	23 3/32"	33 19/32"	49 23/32"
	13 49/64"	21 9/64"	31 41/64"	47 49/64"
26" 25 1/2" 25" 9 1/64" 10 1/8"				
	4SH-12	4SH-H32	4SH-22	4SH-32
38 3/8" 37 7/8" 37 3/8" 15 13/64" 16 5/16"				
	4SH-13	4SH-H33	4SH-23	4SH-33
50 5/8" 50 1/8" 49 5/8" 21 21/64" 22 7/16"				
	4SH-14	4SH-H34	4SH-249E	4SH-349E
63" 62 1/2" 62" 27 33/64" 28 5/8"				
	4SH-15	4SH-H35	4SH-25	4SH-35
72" 71 1/2" 71" 32 1/64" 33 1/8"				
	4SH-16S	4SH-H36S	4SH-26	4SH-36
76" 75 1/2" 75" 34 1/64" 35 1/8"				
	4SH-16	4SH-H36	4SH-26	4SH-36

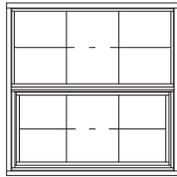
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VALUES IN () ARE IN MILLIMETER CONVERSIONS.

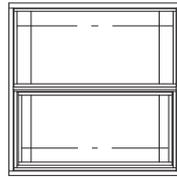
E UNIT MEETS EGRESS REQUIREMENTS FOR IRC CODE. STATE AND LOCAL EGRESS CODES MAY DIFFER. ALWAYS REFER TO LOCAL BUILDING CODES FOR COMPLETE REQUIREMENTS. CHECK WITH LOCAL OFFICIALS TO ENSURE COMPLIANCE BEFORE INSTALLING THE UNIT.

SCALE: 1/4" = 1'

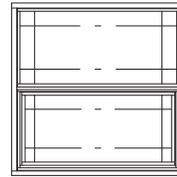
GRILLE PATTERNS



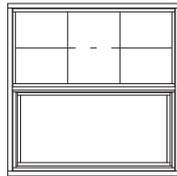
STANDARD



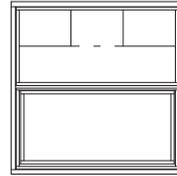
PRAIRIE



PRAIRIE SASH

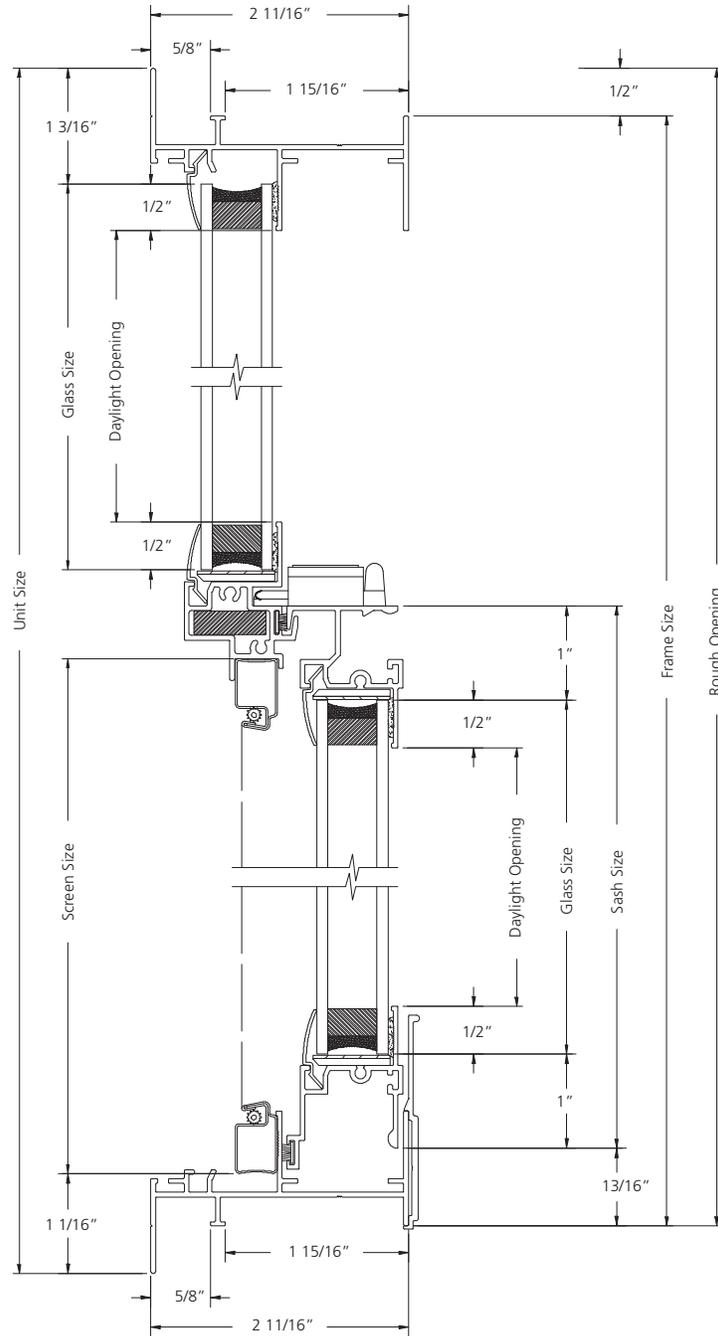


COLONIAL TOP SASH



COLONIAL TOP SASH
1/2 LITE

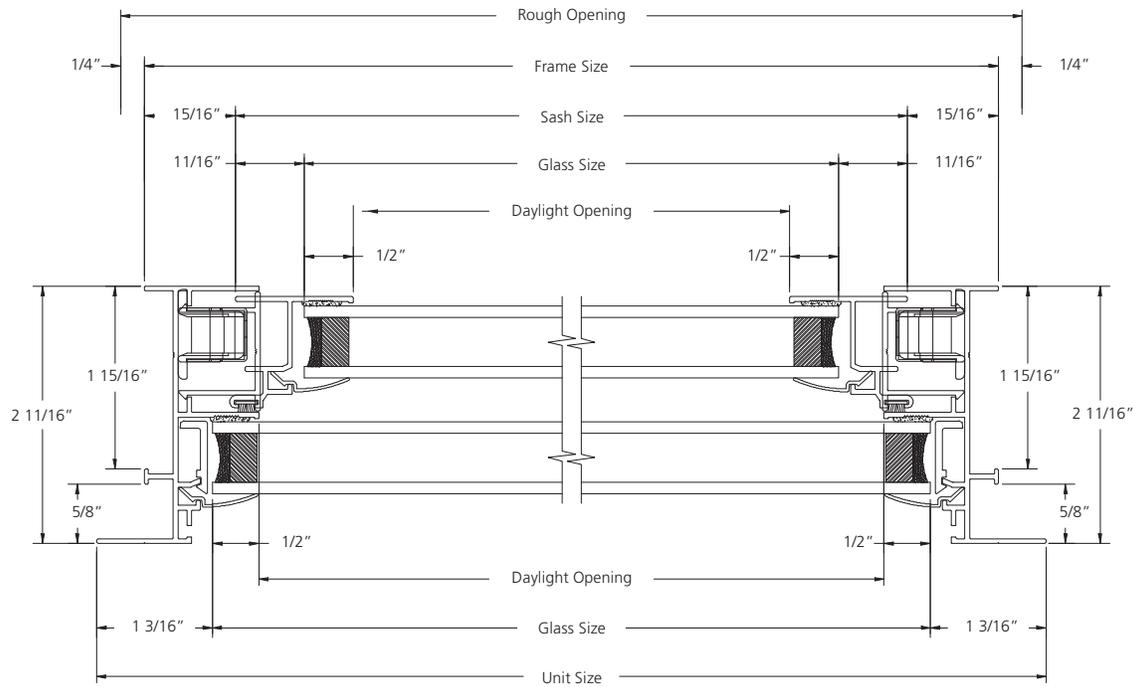
**SINGLE-HUNG
FLANGE**



VERTICAL SECTION

SCALE: 6" = 1'

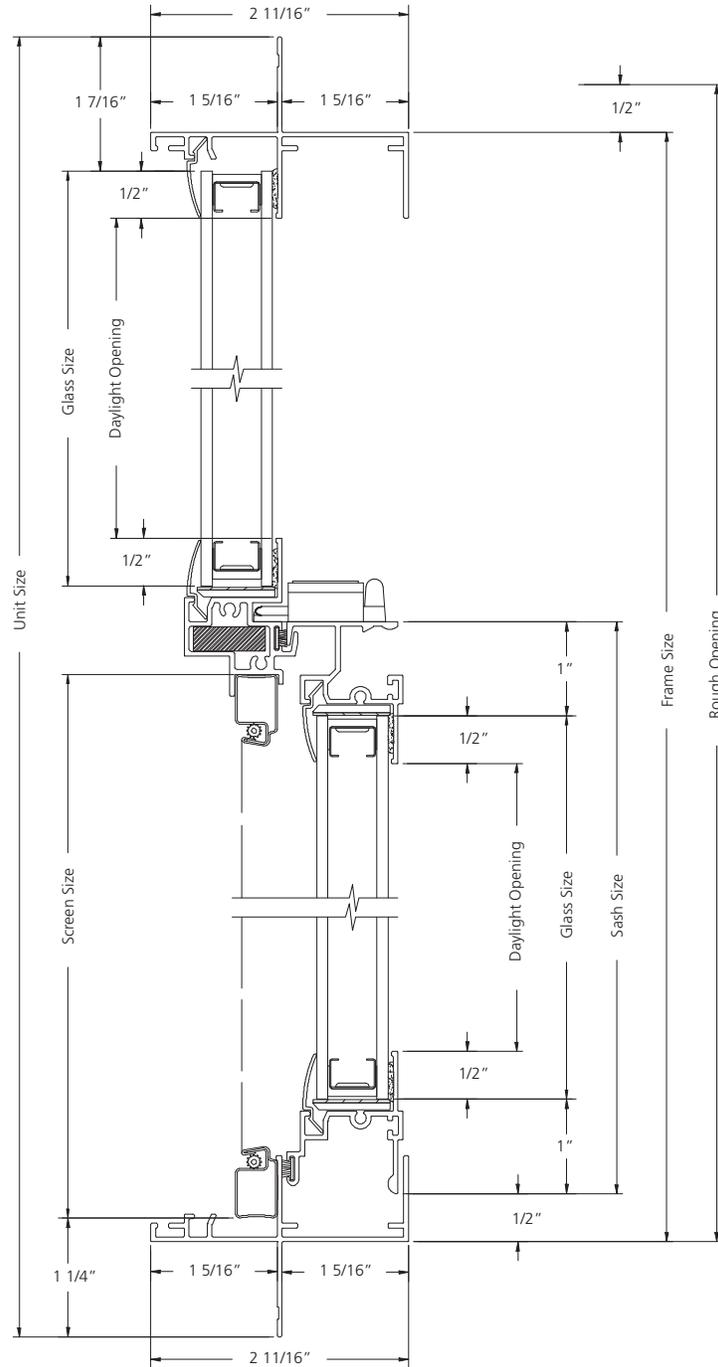
**SINGLE-HUNG
FLANGE**



HORIZONTAL SECTION

SCALE: 6" = 1'

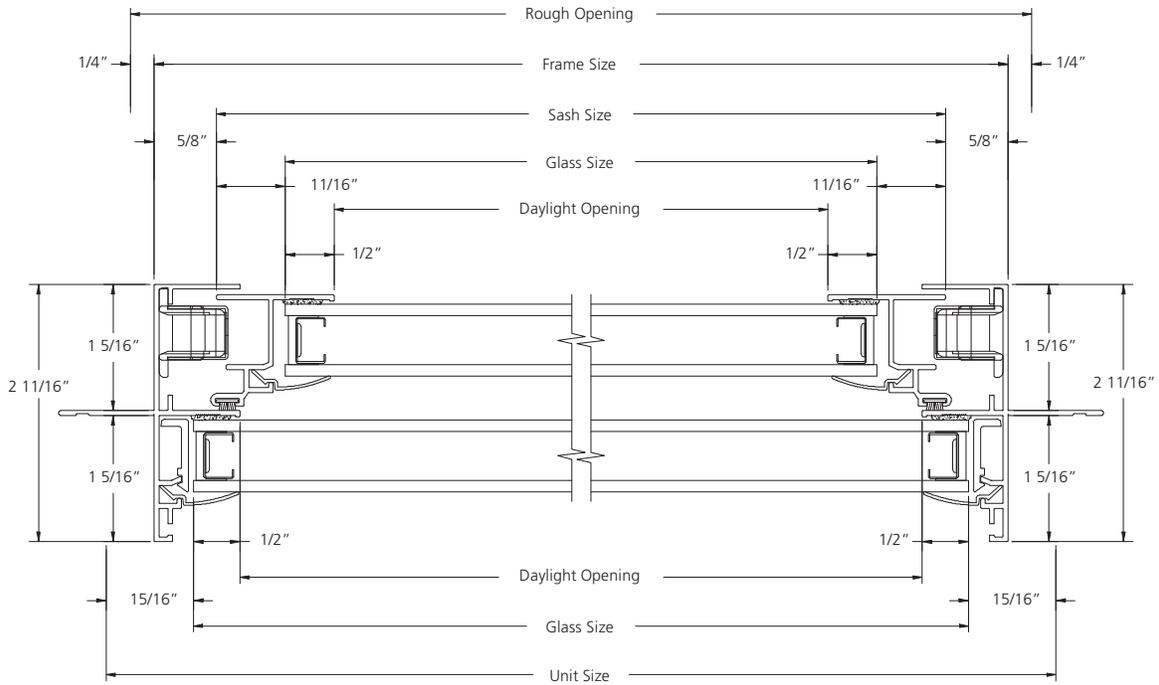
**SINGLE-HUNG
NAIL FIN**



VERTICAL SECTION

SCALE: 6" = 1'

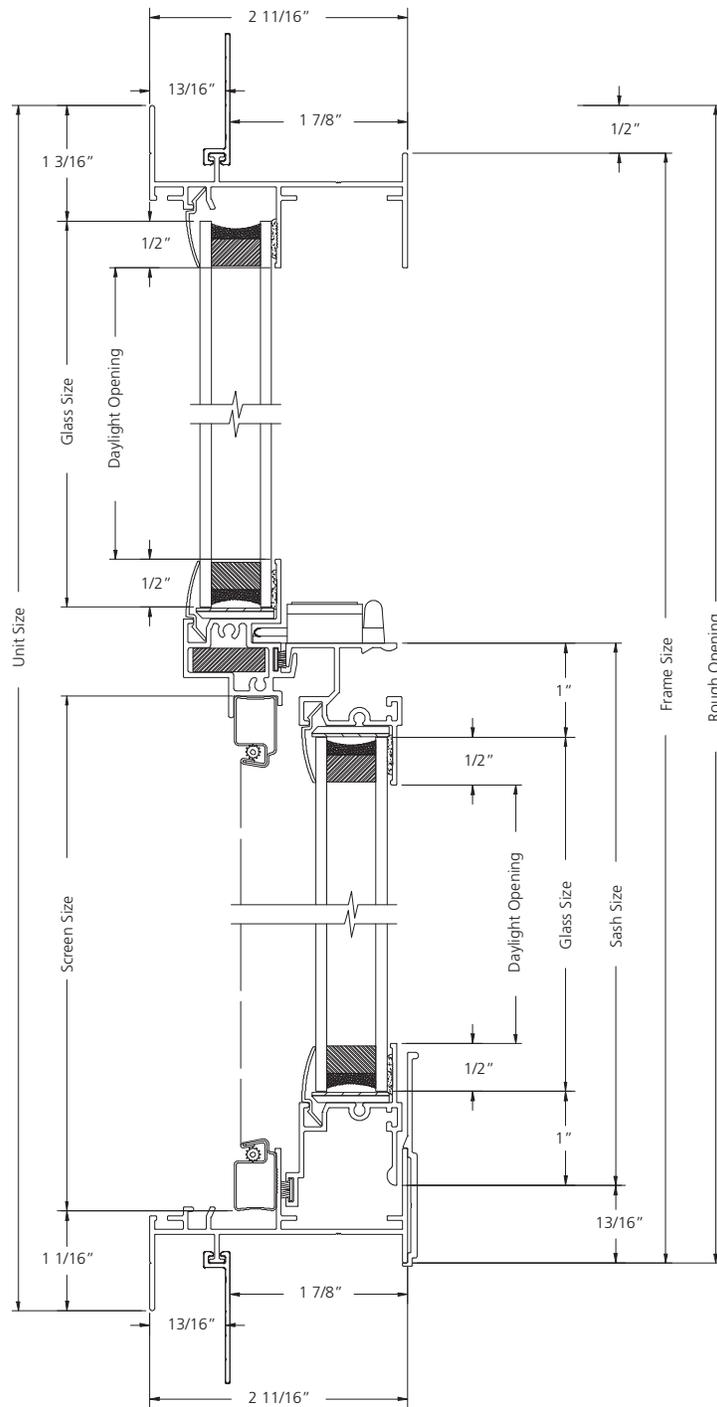
**SINGLE-HUNG
NAIL FIN**



HORIZONTAL SECTION

SCALE: 6" = 1'

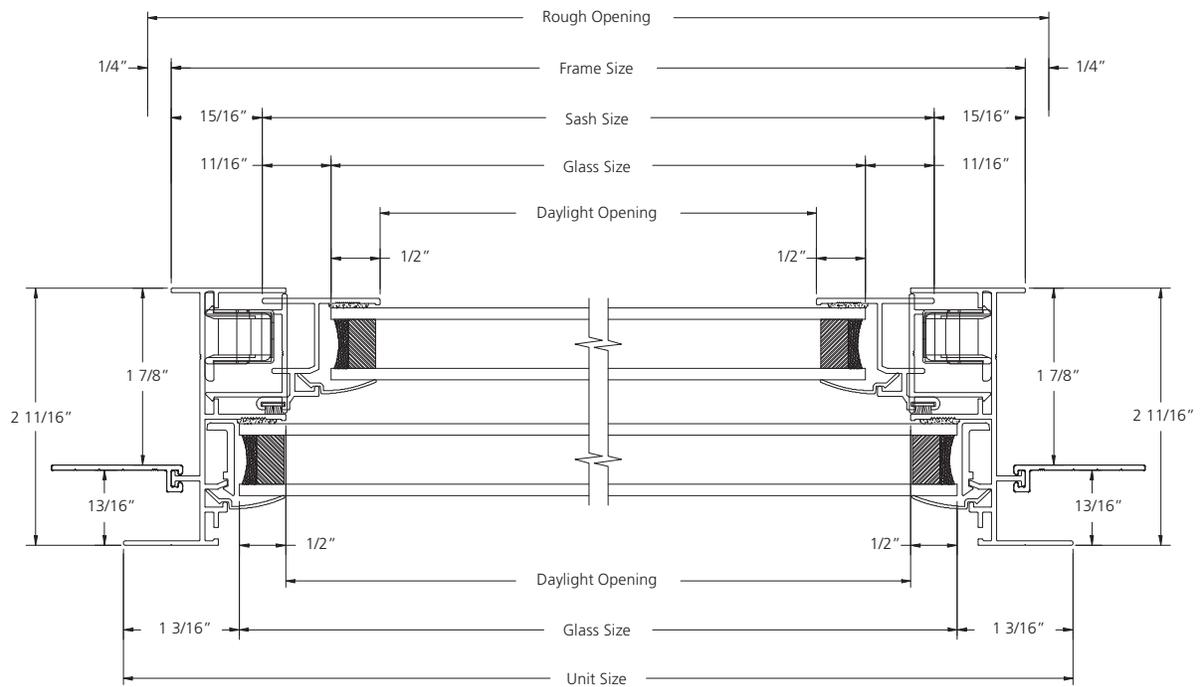
**SINGLE-HUNG
SLIP ON NAIL FIN**



VERTICAL SECTION

SCALE: 6" = 1'

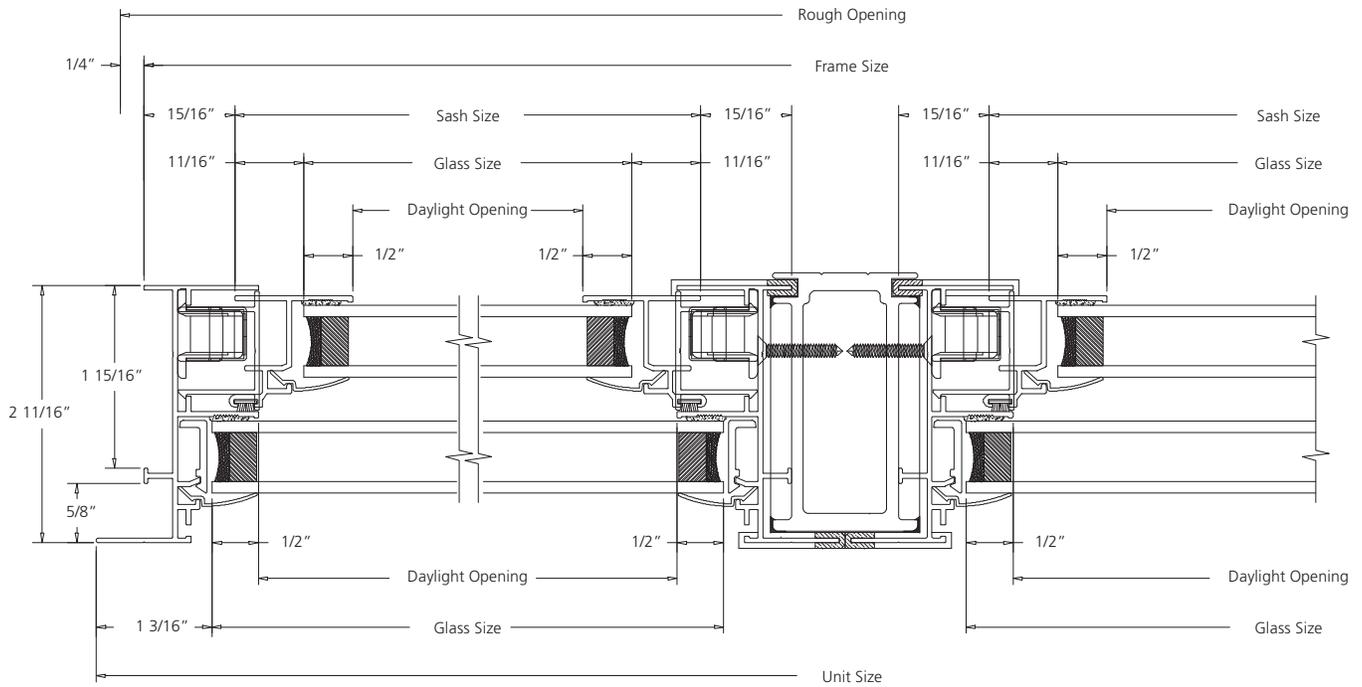
**SINGLE-HUNG
SLIP ON NAIL FIN**



HORIZONTAL SECTION

SCALE: 6" = 1'

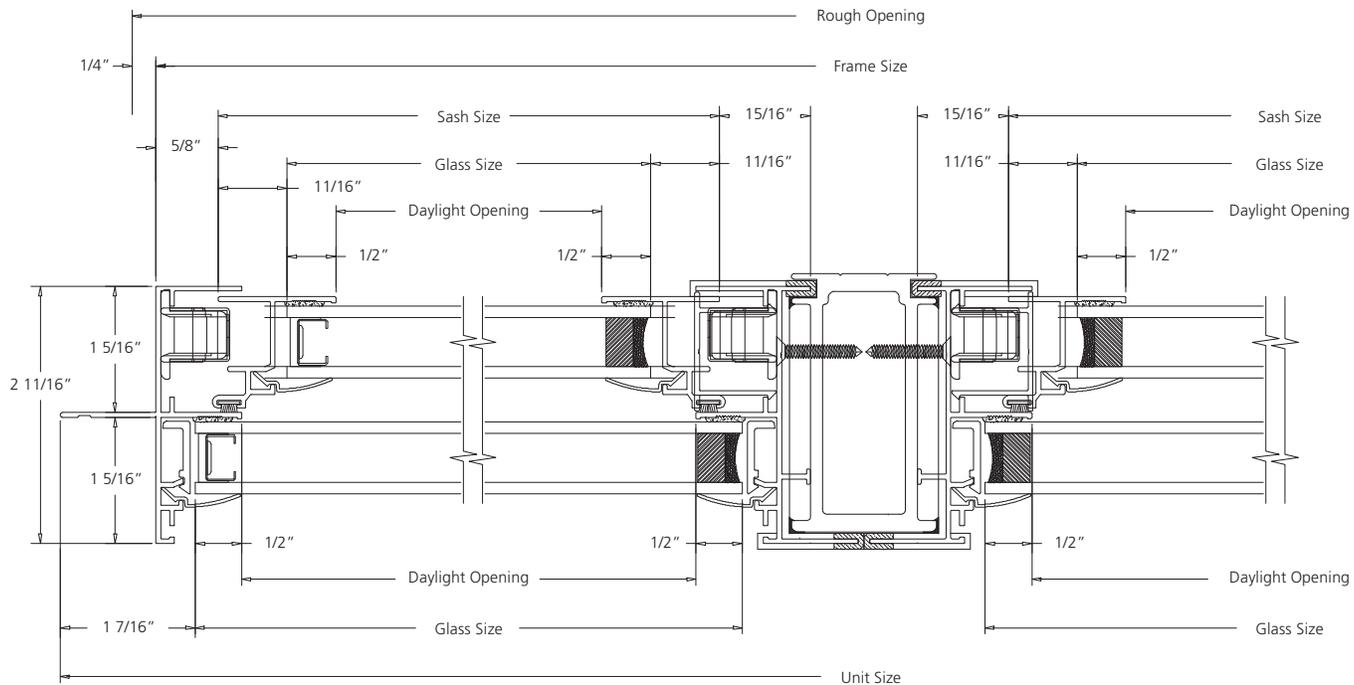
**SINGLE-HUNG - 3-WIDE
FLANGE**



HORIZONTAL SECTION

SCALE: 6" = 1'

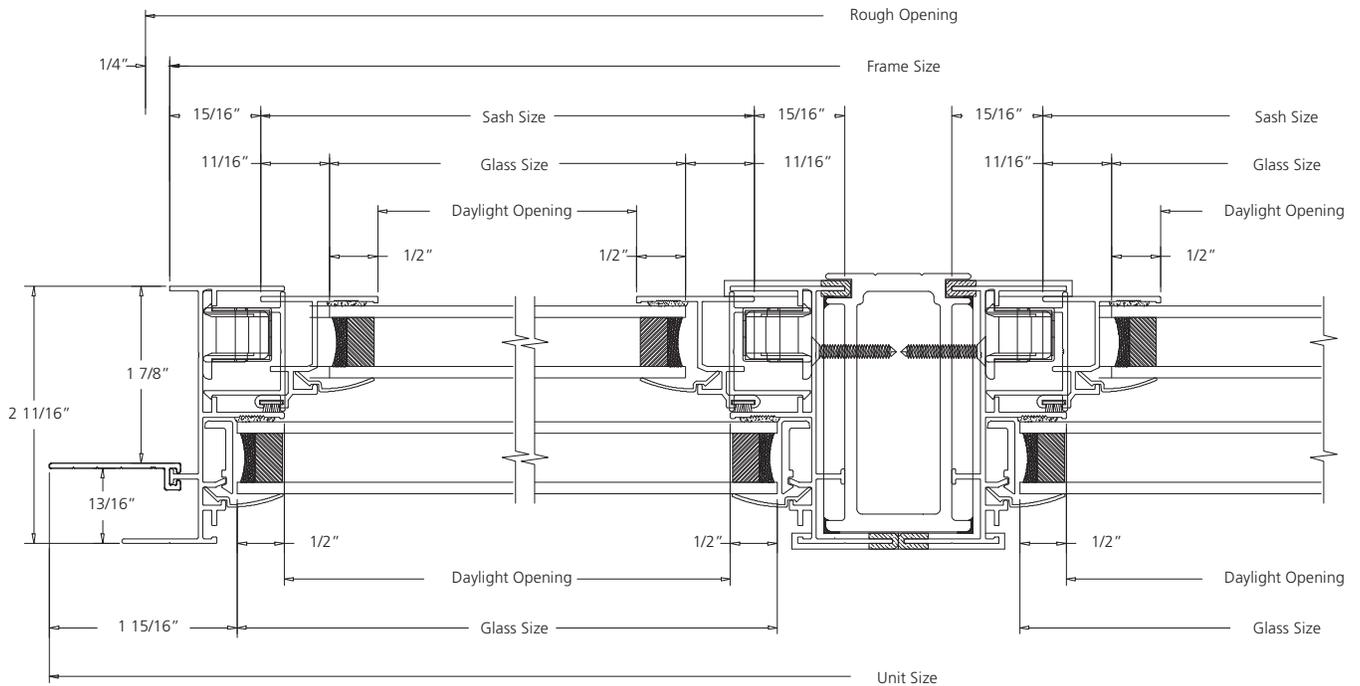
**SINGLE-HUNG - 3-WIDE
NAIL FIN**



HORIZONTAL SECTION

SCALE: 6" = 1'

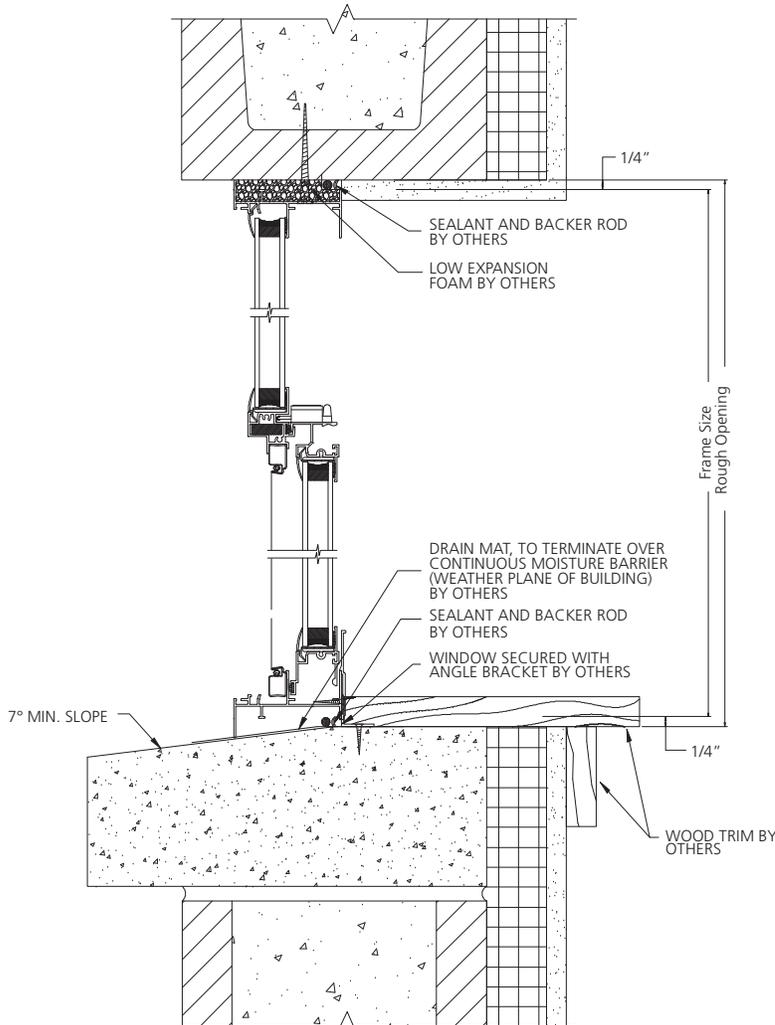
**SINGLE-HUNG - 3-WIDE
SLIP ON NAIL FIN**



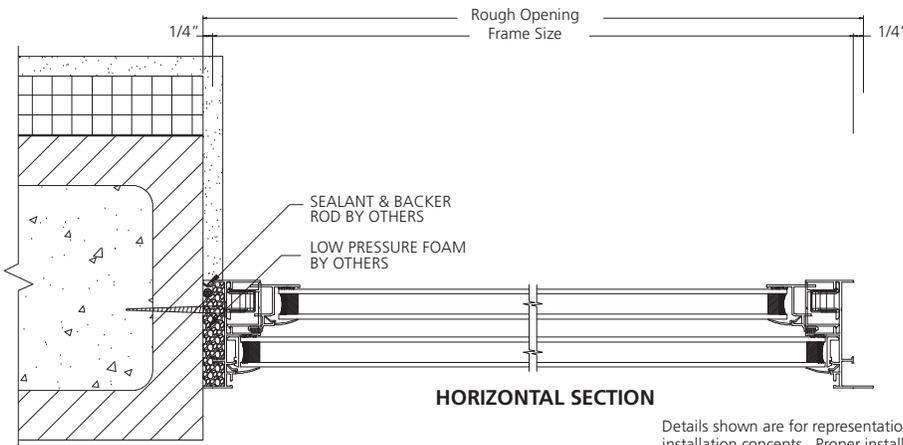
HORIZONTAL SECTION

SCALE: 6" = 1'

**INSTALLATION WALL DETAIL
CMU**



VERTICAL SECTION



HORIZONTAL SECTION

INSTALLATION:

Doors and windows to be installed per latest revision of ASTM E2112. STANDARD PRACTICE FOR INSTALLATION OF EXTERIOR WINDOWS, DOORS AND SKYLIGHTS.

Weather plane flashing must provide a continuous seal between weather plane of fenestration product and weather plane of wall system.

All metal to metal joints must be sealed after installation, this includes, but is not limited to drip caps and mullion covers.

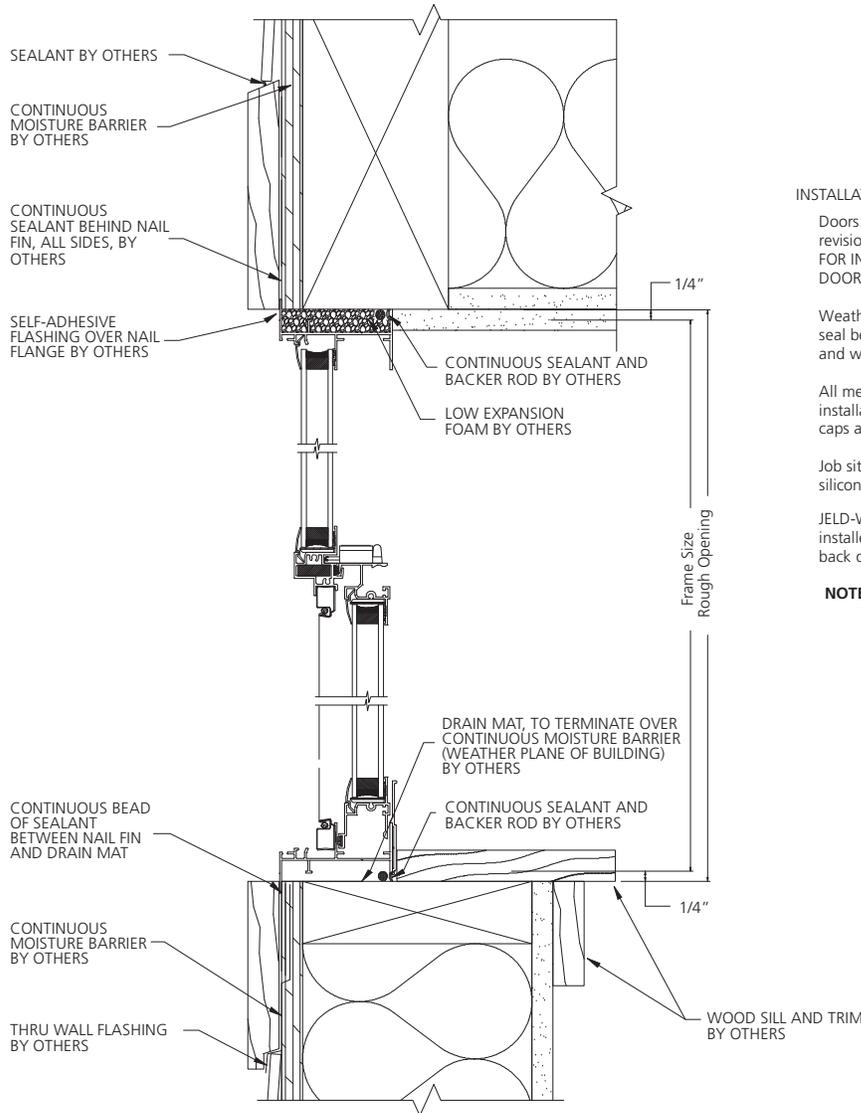
Job site "Frame to Frame" Mull joints must be silicon sealed between frames.

JELD-WEN recommends all window products be installed with a sill pan or equivalent must include back dam and side dams @ 7/8".

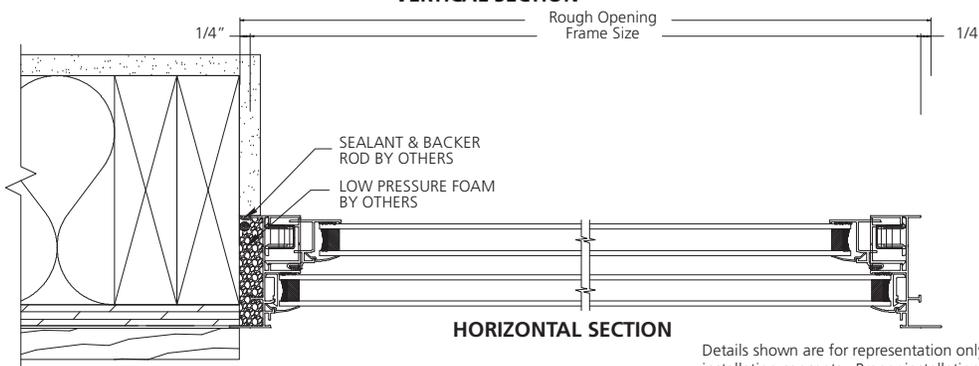
NOTE: Please refer to the JELD-WEN web site for installation instructions at: www.jeld-wen.com

Details shown are for representation only and intended to reflect basic installation concepts. Proper installation and maintenance of JELD-WEN products are essential if optimum performance is to be fully attained. Written installation instructions that provide guidelines are available on our website at www.jeld-wen.com/resources.

**INSTALLATION WALL DETAIL
LAP SIDING**



VERTICAL SECTION



HORIZONTAL SECTION

INSTALLATION:

Doors and windows to be installed per latest revision of ASTM E2112. STANDARD PRACTICE FOR INSTALLATION OF EXTERIOR WINDOWS, DOORS AND SKYLIGHTS.

Weather plane flashing must provide a continuous seal between weather plane of fenestration product and weather plane of wall system.

All metal to metal joints must be sealed after installation, this includes, but is not limited to drip caps and mullion covers.

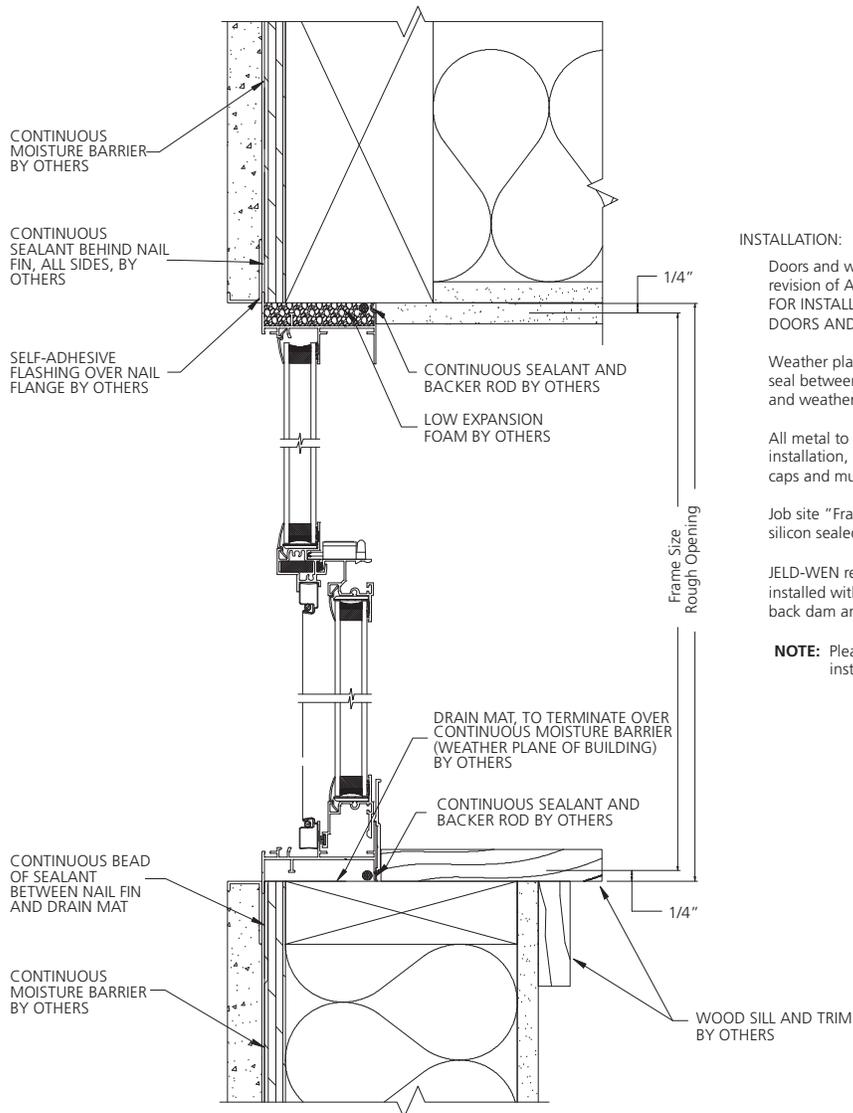
Job site "Frame to Frame" Mull joints must be silicon sealed between frames.

JELD-WEN recommends all window products be installed with a sill pan or equivalent must include back dam and side dams @ 7/8".

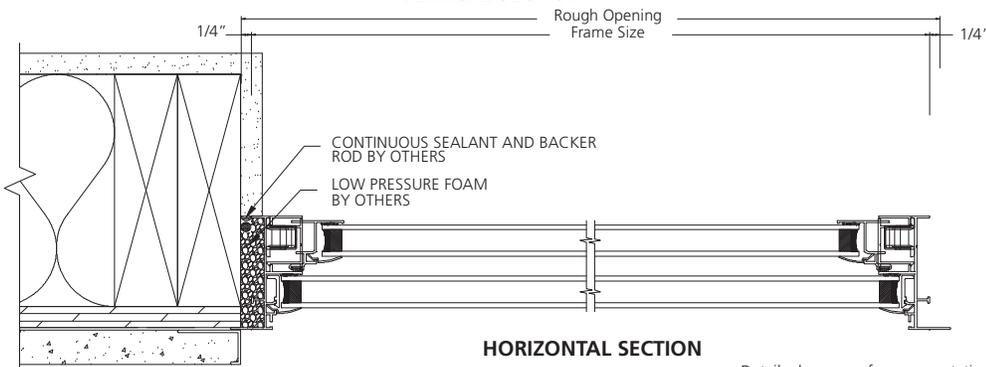
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**INSTALLATION WALL DETAIL
STUCCO**



VERTICAL SECTION



HORIZONTAL SECTION

INSTALLATION:

Doors and windows to be installed per latest revision of ASTM E2112. STANDARD PRACTICE FOR INSTALLATION OF EXTERIOR WINDOWS, DOORS AND SKYLIGHTS.

Weather plane flashing must provide a continuous seal between weather plane of fenestration product and weather plane of wall system.

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