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## PRODUCT SPECIFICATIONS

### EXTERIOR FINISH

Exterior aluminum surfaces are low maintenance extruded aluminum frame and roll-formed aluminum sash coated with a thermo set polyester finish that meets or exceeds the AAMA 2603 performance standards. Standard colors include Brilliant White, Desert Sand, Chestnut Bronze, French Vanilla, Hartford Green, and Black.

### 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 on-site finishing or optional painted white or primed.

### FRAME

Frame is assembled from select kiln dried pine using AuraLast® wood on all exterior parts. Exterior surface is covered with .055" extruded aluminum extrusion. Standard jamb width is 4-9/16" [116mm]. Reinforced nylon corner locks are injected with sealant to seal the jamb frame corners. Integral nailing fin is part of the extrusion on all four sides. Assembled frame includes all weather-stripping and installed hardware. Exterior of frame extrusion is grooved to accept mulling accessories.

### SASH

The sash is 1-5/16" [33mm] thick, constructed using select kiln dried pine using AuraLast® wood. Corner joints are slot-and-tenoned, machine clamped for square ness and secured with metal fasteners. Exterior surfaces are covered with .024" roll formed aluminum cladding overlapped at the sash corners to shed water.

### GLAZING

5/8" [15mm] thick sealed insulating glass is constructed from two panes of glass utilizing a continuous roll formed stainless steel spacer with dual applications of sealant. The glass is mounted into the sash using a silicone-glazing compound. All insulating glass units comply with the performance requirements of IGCC in accordance with either ASTM E774 or E2190.

### GLAZING OPTIONS

5/8" [16mm] insulating glass available in Low-E with Argon, Low-E 366, Neat, clear, obscure, tempered, and high altitude.

### WEATHER-STRIPPING

A rigid vinyl leaf weather-stripping is applied to the sash and full perimeter of the frame. TPE bulb weather-stripping is used on the frame.

### HARDWARE

Split-arm roto-operator with die-cast body and polycarbonate cover. Split-arm roto-operator opens to 86 degrees. Units that are 30" or taller open to 23 degrees. Units that are greater than 40" have special hardware. Concealed hinge has a stainless steel track with a reinforced nylon shoe. Positive closure is assured with a concealed lock. Operator and sash lock colors include: Chestnut Bronze, White, and Desert Sand.

### INTERIOR INSECT SCREENS

Charcoal fiberglass screen cloth (18x16 mesh) set in painted roll formed aluminum frame fitted to the inside of the window with all necessary hardware, in White, Chestnut Bronze and Desert Sand. 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 an open window. For safety screens or other security devices contact your local building supply retailer.

### GRILLES

**SDL** (Simulated Divided Lites) - extruded aluminum muntins applied to the exterior of the insulating glass unit in 7/8" [22mm]. Clear wood interior muntin bars match the exterior muntin width and are permanently bonded to the interior of the glass.

**Full Surround and KD Wood Grilles** - Standard rectangular pattern, unfinished clear pine wood grilles in 7/8" [22mm].

**GBG** (Grilles between the Glass) - 5/8" [16 mm] flat and 23/32" [18mm] contour, are mounted between the glass panes suspended within the air cavity.

### EXTENSION JAMBS

Extensions jambs using 9/16" [14mm] thick select kiln dried pine are factory applied to the interior on all four sides of the frame up to 7-9/16".

### INSTALLATION

Installation per JELD-WEN Installation Method for Metal Clad Windows J11002 or J11013. See [www.jeld-wen.com](http://www.jeld-wen.com) resources for instructions or label attached to window.

### PERFORMANCE

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

**WDMA Hallmark Certified**

**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 (CLAD)</b>	<ul style="list-style-type: none"> <li>• Brilliant White</li> <li>• Desert Sand</li> <li>• Chestnut Bronze</li> <li>• French Vanilla</li> <li>• Hartford Green</li> <li>• Black</li> </ul>	
<b>INTERIOR FINISH</b>	<ul style="list-style-type: none"> <li>• Natural</li> </ul>	<ul style="list-style-type: none"> <li>• Painted White interior</li> <li>• Primed interior</li> <li>• White painted sash, Primed interior frame</li> <li>• White painted sash, Natural interior frame</li> </ul>
<b>SIZE (as single units)</b>	<ul style="list-style-type: none"> <li>• Width: 24, 28, 30, 36, 40, 48</li> <li>• Height: 17, 20, 24, 30</li> </ul>	<ul style="list-style-type: none"> <li>• Transom and Radius available from the Casement section</li> </ul>
<b>GLAZING</b>	<ul style="list-style-type: none"> <li>• Low-E Insulating glass</li> </ul>	<ul style="list-style-type: none"> <li>• Clear</li> <li>• Low-E 366</li> <li>• Neat Glass</li> <li>• Dual Low-E</li> <li>• Obscure</li> <li>• High Altitude</li> </ul> <p style="text-align: right;"><i>All glass available tempered</i></p>
<b>HARDWARE</b>	<ul style="list-style-type: none"> <li>• Folding Crank Handle</li> <li>• Concealed Locking System</li> </ul>	
<b>HARDWARE COLOR</b>	<ul style="list-style-type: none"> <li>• Chestnut Bronze</li> <li>• White</li> <li>• Desert Sand</li> </ul>	
<b>SCREENS</b>	<ul style="list-style-type: none"> <li>• Fiberglass</li> </ul>	<ul style="list-style-type: none"> <li>• BetterVue™</li> </ul>
<b>SCREEN FRAME COLOR</b>	<ul style="list-style-type: none"> <li>• Color Match Clad to hardware</li> </ul>	
<b>GRILLES</b>		<ul style="list-style-type: none"> <li>• 5/8" Flat and 23/32" Contour GBG</li> <li>• 7/8" FS or KD (not available pre-finished)</li> <li>• 7/8" SDL with Shadow Bar</li> <li>• 7/8" SDL with no Shadow Bar</li> </ul>
<b>EXTERIOR TRIMS</b>	<ul style="list-style-type: none"> <li>• Integral Nailing Fin</li> </ul>	<ul style="list-style-type: none"> <li>• No nail fin</li> </ul>
<b>JAMB</b>	<ul style="list-style-type: none"> <li>• 4-9/16"</li> </ul>	<ul style="list-style-type: none"> <li>• 2-1/2" through 7-9/16"</li> </ul>

### SINGLE UNITS

UNIT SIZE	26 3/4" (679)	30 3/4" (781)	32 3/4" (832)	38 3/4" (984)	42 3/4" (1086)	50 3/4" (1289)
ROUGH OPENING	24 3/4" (629)	28 3/4" (730)	30 3/4" (781)	36 3/4" (933)	40 3/4" (1035)	48 3/4" (1238)
FRAME SIZE	24" (610)	28" (711)	30" (762)	36" (914)	40" (1016)	48" (1219)
DAYLIGHT OPENING	19 9/16" (497)	23 9/16" (598)	25 9/16" (649)	31 9/16" (802)	35 9/16" (903)	43 9/16" (1106)
19 3/4" (502) 17 3/4" (451) 17" (432) 12 9/16" (319)						
22 3/4" (578) 20 3/4" (527) 20" (508) 15 9/16" (395)						
26 3/4" (679) 24 3/4" (629) 24" (610) 19 9/16" (497)						
32 3/4" (832) 30 3/4" (781) 30" (762) 25 9/16" (649)						

**ELEVATION SYMBOL LEGEND:**

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

##\* NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH

##\*\* INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.

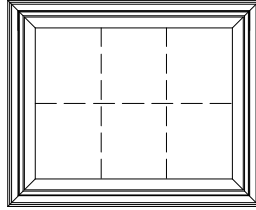
\*\* INDICATES DP 50 UPGRADE AVAILABLE ONLY ON NATURAL AND PRIMED INTERIOR (DP 40 UPGRADE ON PAINTED WHITE FRAME WITH VINYL WRAPPED SASH).

SCALE: 1/4" = 1'

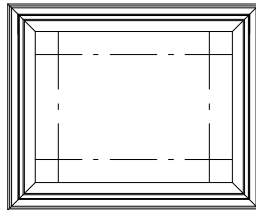
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GRILLE PATTERNS

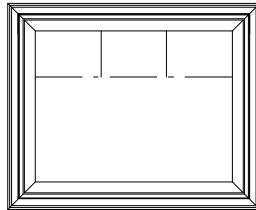
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STANDARD

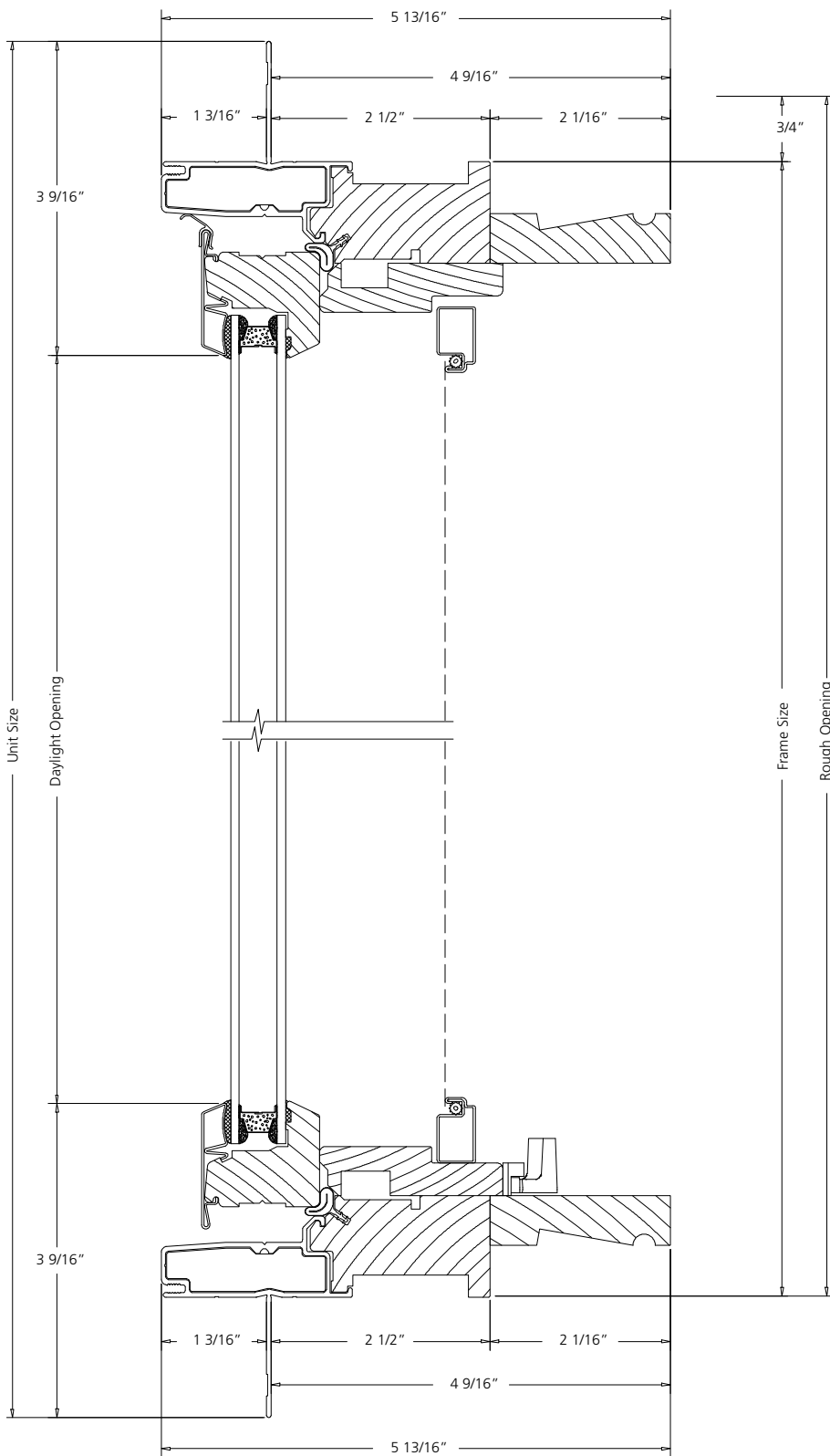


PRAIRIE



COLONIAL TOP DOWN

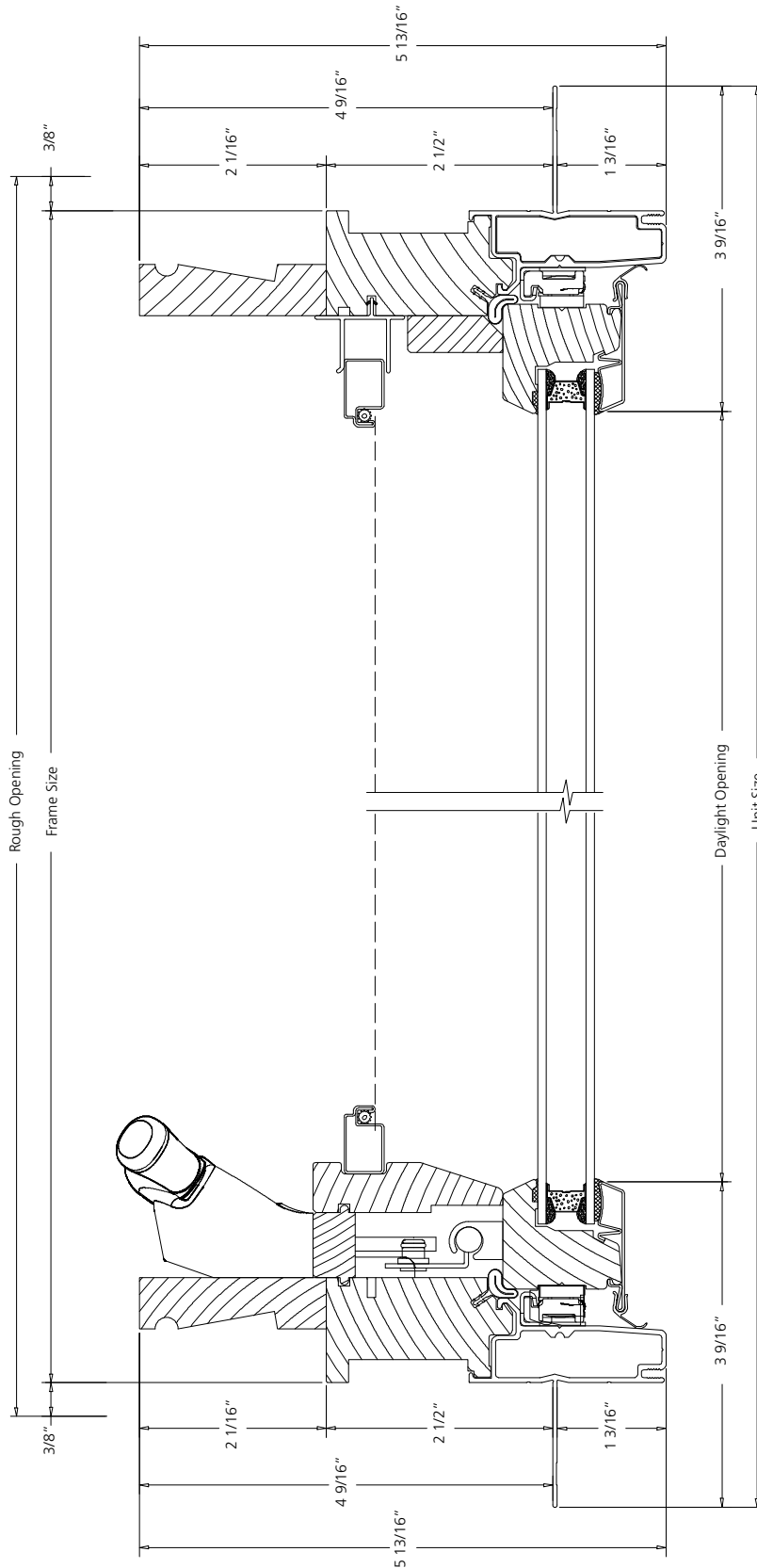
**SINGLE UNITS**



**VERTICAL SECTION**

SCALE: 6" = 1'

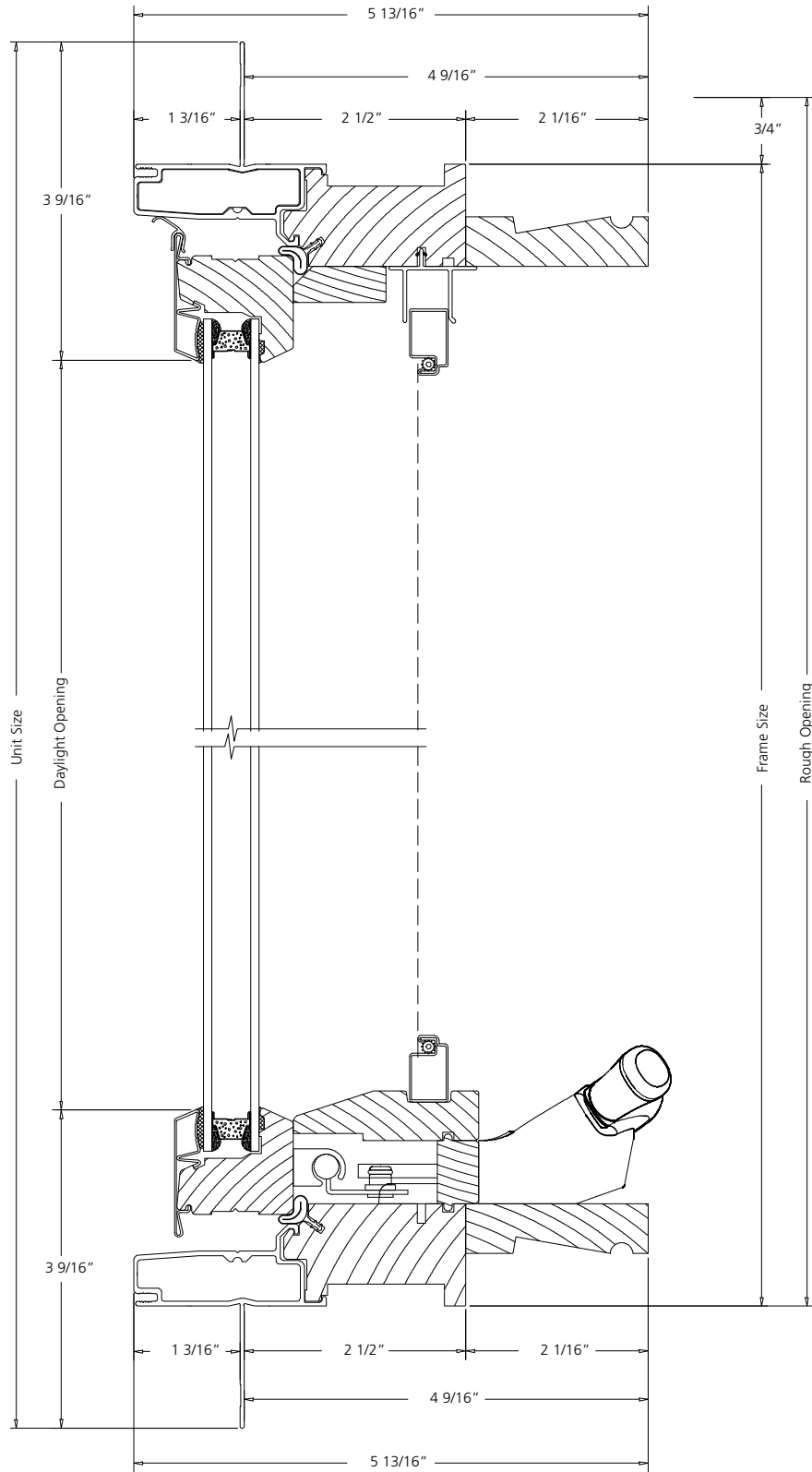
**SINGLE UNITS**



**HORIZONTAL SECTION**

SCALE: 6" = 1'

**AWNING 40-48 WIDE**

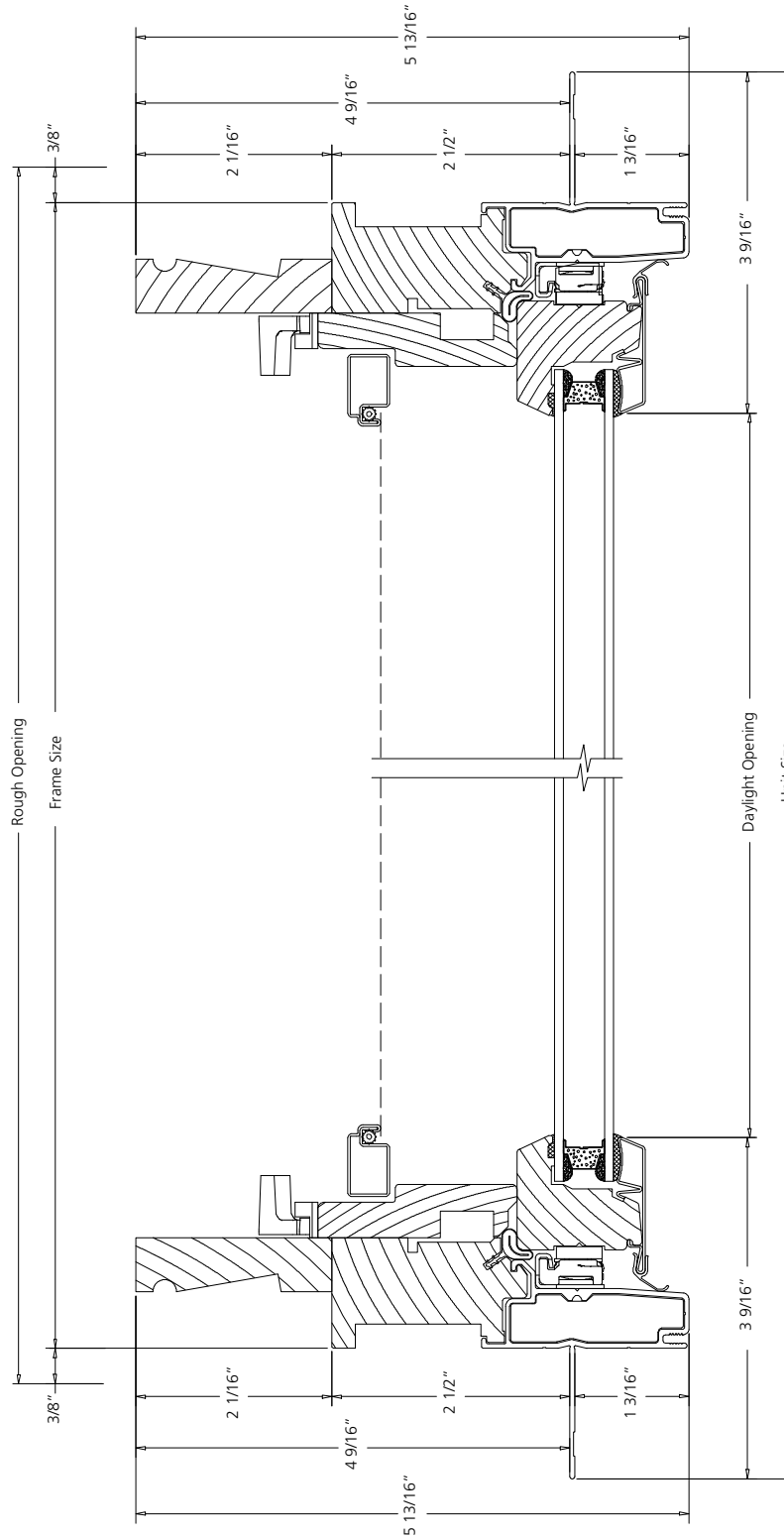


**VERTICAL SECTION**

SCALE: 6" = 1'



**AWNING 40-48 WIDE**



**HORIZONTAL SECTION**

SCALE: 6" = 1'