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**Custom Wood** 

#### **PRODUCT SPECIFICATIONS**

#### **EXTERIOR FINISH**

Exterior aluminum surfaces are finished with a fluoropolymer (70% Kynar 500<sup>®</sup>) 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.

#### AURALAST® WOOD

AuraLast<sup>®</sup> 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<sup>®</sup> 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 prefinished pine interiors include four acrylic colors (Modern White, Extra White, Natural Choice, Pure White), five stains (Wheat, Cherry, Fruitwood, Cordovan, Cider) and a clear lacquer topcoat. Primed interior also available.

#### **FRAME**

Frame is assembled from select kiln-dried pine AuraLast<sup>®</sup> wood on all exterior parts. Exterior surface is covered with .050 gauge extruded aluminum cladding. Standard jamb width is 5-1/2".

#### **SASH**

1-3/4" thick select kiln-dried pine AuraLast<sup>®</sup> wood. Exterior surface is covered with .050" gauge extruded aluminum cladding. Corner joints are mortised-and-tenoned, glued and nailed from the interior, with the glass mounted into the sash using glazing tape on the exterior, with a secondary silicone seal applied to the perimeter of the glazing tape, and acrylic sealant on the interior, then secured with interior applied profiled wood stops.

#### **GLAZING**

Insulating glass is constructed from two panes of glass, utilizing a continuous roll formed stainless steel spacer with dual seal sealant. The glass is mounted into the sash using a silicone-glazing compound and secured with interior applied profiled wood stops. All insulating glass units comply with the performance requirements of IGCC in accordance with either ASTM E774 or E2190.

#### **GLAZING OPTIONS**

Insulating glass available in Low-E with Argon, Low-E, Low-E 366, Clear, Neat Glass, Seedy Reamy, tinted, reflective, or obscure, tempered 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 combines foam lined jamb liners forming a compression seal with the sash stiles and dual durometer bulb seal compressed between the top and bottom rails of the sash and frame, bulb seal between the top rail and the head filler stop, as well as a bulb seal compressed between the sash meeting rails.

#### **HARDWARE**

Block and tackle balance system is utilized to facilitate tilting and removal of the sash for cleaning. The interior sash locks are a cam action design with the lock case finish available in the standard finish options of White, Chestnut Bronze, and Desert Sand with optional finishes in plated Polished Brass, Antique Brass, Polished Chrome, Brushed Chrome, and Oil-Rubbed Bronze. Interior sash lifts and custodial locks are an available option.

#### **EXTERIOR INSECT SCREENS**

Charcoal fiberglass screen cloth (18x16 mesh) set in painted roll formed aluminum frame fitted to the outside of the window with all necessary hardware, in Brilliant White, Chestnut Bronze, Desert Sand, French Vanilla, Hartford Green, Mesa Red, Black Licorice, Heirloom White, Hunter Green, Redwood, Sage Brown, and Smoke finishes. Luxury color screens are also 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 an open window. For safety screens or other security devices contact your local building supply retailer.

#### **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. 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**

Drip cap and integral nailing fin 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 applied to the interior on all four sides of the frame in wall depths up to 7-1/2" for 5/4, factory applied.

Continued on next page



**Custom Wood** 

#### **PRODUCT SPECIFICATIONS**

#### **INSTALLATION**

Installation per JELD-WEN Installation Method for Metal Clad Windows. See www.jeld-wen.com/resources for instructions.

#### **PERFORMANCE**

**NFRC Certified** - (rated and labeled in accordance with NFRC 100 and 200 procedures)

ANSI/AAMA/NWWDA/101/I.S.2-97 AMMA/WDMA/CSA 101/I.S.2/A440-05 WDMA Hallmark Certified

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



#### **QUICK SPEC GUIDE**

		OPTIONAL FEATURES
SPECIFICATION	STANDARD FEATURES	Some options may require additional lead times. Consult your JELD-WEN Sales Representative.
EXTERIOR FINISH	<ul> <li>Brilliant White</li> <li>Chestnut Bronze</li> <li>Clover Mist</li> <li>Desert Sand</li> <li>French Vanilla</li> <li>Dark lvy</li> <li>Mesa Red</li> <li>Deep Summer</li> <li>Black Licorice</li> <li>Heirloom White</li> <li>Hunter Green</li> <li>Redwood</li> <li>Sage Brown</li> <li>Smoke</li> <li>Artic Silver</li> <li>Dark Chocolate</li> <li>Black Emerald</li> <li>Bone White</li> <li>Bronze</li> <li>Buckskin</li> <li>Cambridge White</li> <li>Cascade</li> <li>Clover Mist</li> <li>Haverstraw</li> <li>Hudson Blue</li> <li>Ivory</li> <li>Ivy</li> <li>Liberty Blue</li> <li>Mocha Cream</li> <li>Mosiac Green</li> <li>Pueblo Tan</li> <li>Rosewood</li> <li>Scarlet Haze</li> <li>Sea Foam</li> <li>Teal</li> <li>Wedgewood</li> <li>White</li> </ul>	Custom Color Matching
EXTERIOR TRIM	Drip Cap & Integral Nailing Fin	Extruded Aluminum     Brickmould     Adams Casing      Adams Casing
INTERIOR WOOD	Western Pine	
INTERIOR FINISH	Natural	<ul> <li>Priming Available</li> <li>Pre-finished Interior Options are:</li> <li>Paint - Pure White, Extra White, Natural Choice, Moderate White</li> <li>Stain - Wheat, Fruitwood, Cherry, Cordovan, Cider</li> <li>Clear Lacquer</li> </ul>
SIZE	<ul> <li>Frame Width: 32-3/16, 44-3/16, 56-3/16, 68-3/16</li> <li>Frame Height: 57-1/16, 81-1/16, 105-1/16, 129-1/16</li> </ul>	<ul> <li>Any Frame Width: 26-3/16 to 68-3/16</li> <li>Any Frame Height: 45-1/16 to 129-1/16</li> </ul>
GLAZING	Low-E Insulating Glass (with Argon) Low-E 366 Preserve® Protective Film	Clear  Obscure  Reflective  Tints: Bronze, Gray, Green  Glue Chip  Safety Laminate in Clear, Bronze or Gray  High Altitude (Breather Tube, no Argon)  Seedy Reamy  Rain  Narrow Reed  Sandblasted  Tempered  Impact Resistant

Continued on next page



#### **QUICK SPEC GUIDE**

SPECIFICATION	STANDARD FEATURES	OPTIONAL FEATURES Some options may require additional lead times. Consult your JELD-WEN Sales Representative.
GRILLES		<ul> <li>SDL Bead Profile:</li> <li>5/8", 7/8", 1-1/8", 1-3/8", 2-5/16" with Light Bronze Shadow Bar</li> <li>5/8", 7/8", 1-1/8", 1-3/8", 2-5/16" with Silver Shadow Bar</li> </ul>
		<ul> <li>SDL Putty Profile:</li> <li>5/8", 7/8" and 1-1/8" with Light Bronze Shadow Bar</li> <li>5/8", 7/8" and 1-1/8" with Silver Shadow Bar</li> </ul>
		GBG (Grilles between the Glass):  • 5/8" Flat, 23/32" Contour, 1" Contour
		Full-Surround: • 7/8", 1-1/8", 1-3/8"
HARDWARE	<ul><li>Block &amp; Tackle</li><li>Cam Action Sash Locks</li><li>Beige or White Jamb Liners</li></ul>	Custodial Keyed Locks     Sash Lifts
HARDWARE COLOR	White     Chestnut Bronze     Desert Sand	<ul> <li>Polished Brass</li> <li>Antique Brass</li> <li>Polished Chrome</li> <li>Brushed Chrome</li> <li>Oil-Rubbed Bronze</li> <li>Satin Nickel</li> <li>Powder Coat Black</li> </ul>
JAMB	<ul><li>Applied, 5/4</li><li>5-1/2"</li></ul>	• Up to 7-1/2" 5/4
INSECT SCREENS	Fiberglass	
SCREEN FRAME COLOR	<ul> <li>Brilliant White</li> <li>Chestnut Bronze</li> <li>Desert Sand</li> <li>French Vanilla</li> <li>Mesa Red</li> <li>Hartford Green</li> <li>Smoke</li> </ul>	<ul> <li>Black Emerald</li> <li>Bone White</li> <li>Bronze</li> <li>Liberty Blue</li> <li>Mocha Cream</li> <li>Mosiac Green</li> <li>Cambridge White</li> <li>Capri Blue</li> <li>Cascade</li> <li>Champagne</li> <li>Clover Mist</li> <li>Dark Buckskin</li> <li>Dark lvy</li> <li>Deep Summer</li> <li>Garnet</li> <li>Haverstraw</li> <li>Ivory</li> <li>Liberty Blue</li> <li>Mosiac Green</li> <li>Pueblo Tan</li> <li>Rosewood</li> <li>Scarlet Haze</li> <li>Sea Foam</li> <li>Teal</li> <li>Wedgewood</li> <li>White</li> <li>Clear Satin Anodized</li> <li>Haverstraw</li> <li>Custom Color Matching</li> </ul>

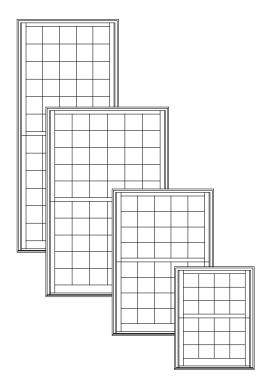


#### **GENERAL INFORMATION**

#### **DIMENSIONAL WINDOWS**

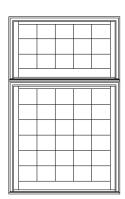
Custom Clad Epic double hung windows may be specified as "dimensional", by adjusting the desired rough opening width or height in 1/4" increments from standard.

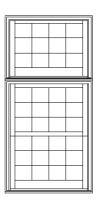
Custom Clad Epic double hung windows feature fully operating upper and lower sash. Counterbalancing is achieved with block-and-tackle spring extension systems hidden in beige weatherable PVC jambliners. White jambliners are an available option. Operating units are supplied with cam-type sash locks and injected molded lower sash retainers installed. Die-cast lower sash lifts supplied for field installation are an option. There are several hardware finish options. Refer to the specifications for available finish options.



#### **MULTIPLE ASSEMBLIES**

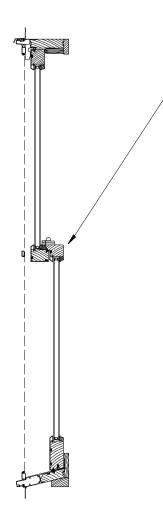
Custom Clad Epic double hung windows may be mulled beside other clad Epic double hungs or clad Epic picture windows, or below clad Epic transom windows, to fulfill a wide variety of needs. Factory assembled mulls are limited in height (100"), width (150"), and a total area (75 square feet).





**Custom Wood** 

# STANDARD OPERATION AND LIMITATIONS

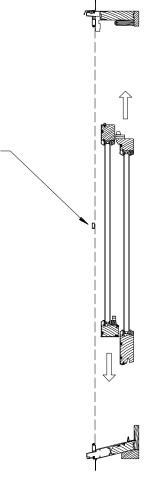


#### **DOUBLE-HUNG OPERATION:**

When the sash are locked at the check rails the sash are closed and sealed in the sash opening of the frame.

When the sash are unlocked the lower sash travels vertically to any position desired. The upper sash can also be positioned as desired.

Operation Restrictions					
Glass Height	Sash Weight (lbs.)	Limited Sash Travel	Fixed Upper Sash		
20" 21" 22" 23" 24" 25" 26" 27" 28" 30" 31" 32" 33" 34" 35" 36" 41" 42" 44" 44" 45" 46" 47" 48" 50" 51" 52"	50-67 50-67 52-67 54-67 54-67 54-67 54-67 60-71 60-71 60-71 61-71 61-71 64-75 64-75 64-75 64-75 64-75 64-75 64-79 64-79 64-79 64-79 64-79 64-79	6" 6" 7" 7" 8" 8" 9" 10" 11" 11" 12" 13" 14" 15" 16" 17" 18" 19" 20" 20" 22"	× × × × × × × × × × × × × × × × × × ×		



#### **DOUBLE-HUNG OPERATION RESTRICTIONS:**

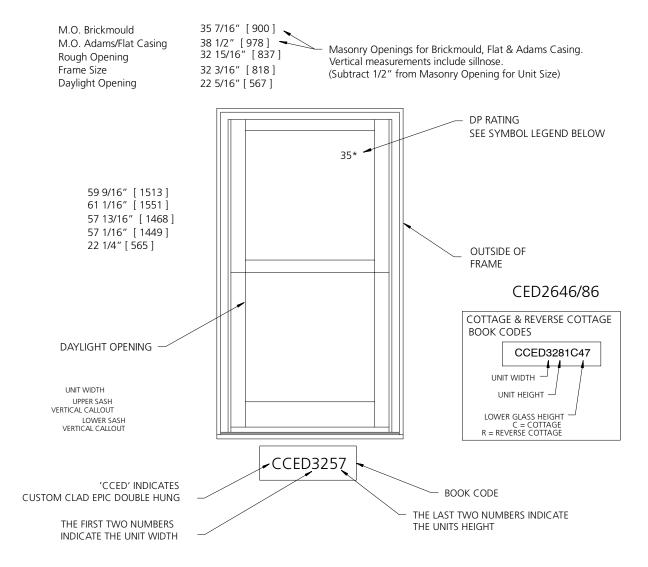
The above table reflects the amount of limited sash travel based on the glass height and the weight of the sash with standard insulated glass. The balance is adjusted in the jambliner to reduce the operation of the lower sash by the amount shown.

When any sash has a weight of 79 lbs or greater the upper sash will be fixed.

#### **Custom Wood**

# **ELEVATION NOTES OPERATING UNITS**

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 CUSTOM EPIC DOUBLE HUNG NOTES**

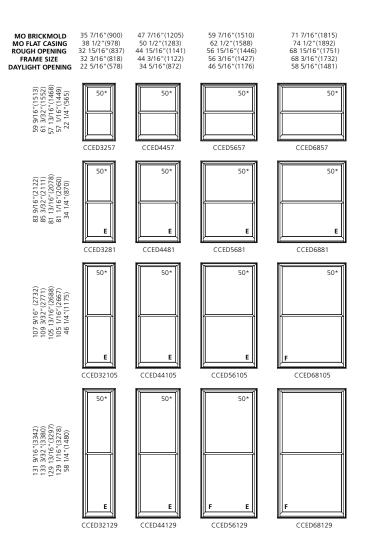
- 1. ALL UNITS SHOWN ARE AVAILABLE AS OPERATORS ONLY.
- 2. UNIT ELEVATIONS ARE SHOWN WITHOUT EXTERIOR TRIM.
- 3. ALL OPERATING SASH ARE INSTALLED WITH VINYL JAMB LINERS AND OPERATED WITH AN INTERNAL BLOCK AND TACKLE SPRING SYSTEM.
- 4. DIMENSIONAL VALUES IN BRACKETS ARE MILLIMETER CONVERSIONS.

#### **ELEVATION SYMBOL LEGEND:**

- 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.
- **R** UNIT SASH TRAVEL IS RESTRICTED.
- F UNIT SASH TRAVEL IS RESTRICTED AND UPPER SASH IS FIXED.
- ##\* NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.



#### **OPERATING UNITS**



#### ELEVATION SYMBOL LEGEND:

- ##\* NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.

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

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

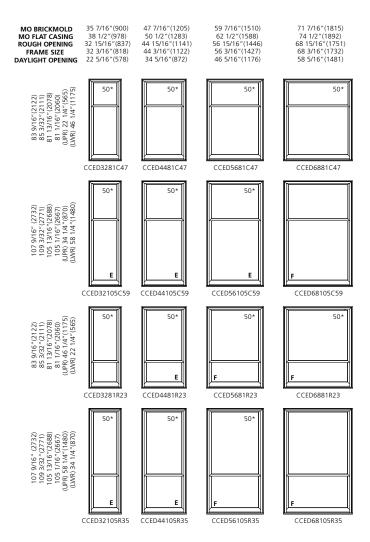
  | UNIT METS E GRESS REQUIREMENTS FOR IRC CODE. STATE AND LOCAL EGRESS CODES MAY DIFFER. ALWAYS REFER TO LOCAL BUILDING CODES FOR COMPLETE REQUIREMENTS. CHECK WITH LOCAL OFFICIALS TO ENSURE COMPLIANCE BEFORE INSTALLING THE UNIT.

  | UNIT SASH TRAVEL IS RESTRICTED AND UPPER SASH IS FIXED.

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.



#### **COTTAGE STYLE UNITS**



#### ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING VALUES IN [] ARE IN MILLIMETER CONVERSIONS.

VALUES IN [I ARE INVILLIMETER CUNVERSIONS.]
### NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.

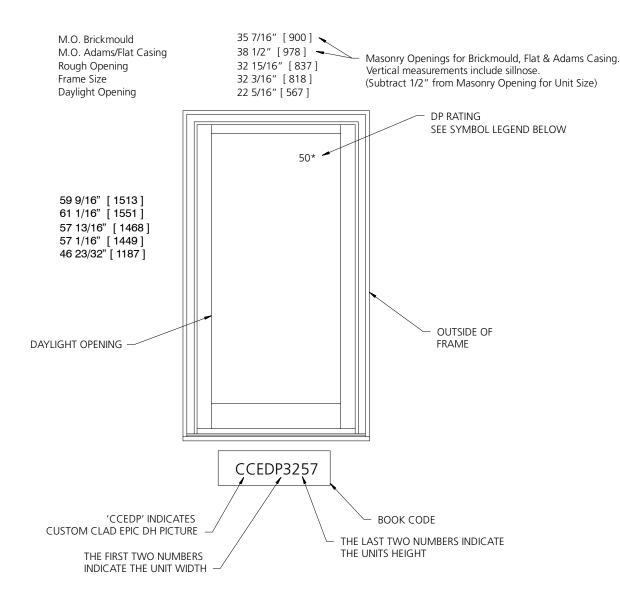
E UNIT MEETS EGRESS REQUIREMENTS FOR IRC CODE. STATE AND LOCAL EGRESS CODES MAY DIFFER. ALWAYS REFER TO LOCAL BUILDING CODES FOR COMPLETE REQUIREMENTS. CHECK WITH LOCAL OFFICIALS TO ENSURE COMPLIANCE BEFORE INSTALLING THE UNIT.

F UNIT SASH TRAVEL IS RESTRICTED AND UPPER SASH IS FIXED.

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.

# ELEVATION NOTES PICTURE UNITS

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 CUSTOM EPIC DH PICTURE NOTES**

#### 1. UNIT ELEVATIONS ARE SHOWN WITHOUT EXTERIOR TRIM.

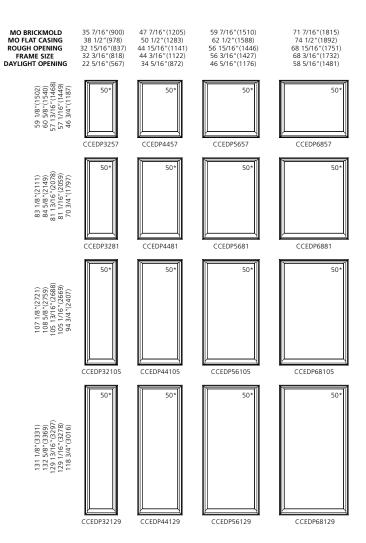
2. DIMENSIONAL VALUES IN BRACKETS ARE MILLIMETER CONVERSIONS.

#### **ELEVATION SYMBOL LEGEND:**

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



#### **PICTURE UNITS**



#### ELEVATION SYMBOL LEGEND: M.O. = MASONRY OPENING

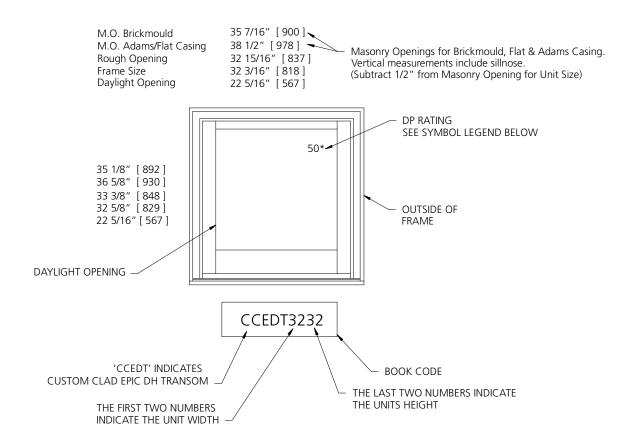
WILU: = MASJOINT OPENING
VALUES IN [] ARE IN MILLIMETER CONVERSIONS.

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

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.

# **ELEVATION NOTES** TRANSOM UNITS

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 CUSTOM EPIC DH TRANSOM NOTES**

- 1. UNIT ELEVATIONS ARE SHOWN WITHOUT EXTERIOR TRIM.
- 2. DIMENSIONAL VALUES IN BRACKETS ARE MILLIMETER CONVERSIONS.

#### **ELEVATION SYMBOL LEGEND:**

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



#### **TRANSOM UNITS**

IO BRICKMOLD O FLAT CASING DUGH OPENING FRAME SIZE /LIGHT OPENING	35 7/16"(900) 38 1/2"(980) 32 15/16"(837) 32 3/16"(818) 22 5/16"(567)	47 7/16"(1205) 50 1/2"(1283) 44 15/16"(1141) 44 3/16"(1122) 34 5/16"(872)	59 7/16"(1510) 62 1/2"(1588) 56 15/16"(1446) 56 3/16"(1427) 46 5/16"(1176)	71 7/16"(1815) 74 1/2"(1892) 68 15/16"(1751) 68 3/16"(1732) 58 5/16"(1481)
34 11/16"(881) 36 3/16"(919) 33 3/8"(848) 32 5/8"(829) 22 9/32"(566)	50* CCEDT3232	50* CCEDT4432	50* CCEDT5632	50* CCEDT6832
46 11/16"(1186) 48 3/16"(1224) 45 3/8"(1153) 44 5/8"(1133) 34 9/32"(871)	50* CCEDT3244	50* CCEDT4444	50* CCEDT5644	50* CCEDT6844
58 11/16"(1491) 60 3/16"(1529) 57 3/8"(1457) 56 5/8"(1438) 46 9/32"(1176)	50* CCEDT3256	50* CCEDT4456	50* CCEDT5656	50 CCEDT6856
70 11/16"(1795) 72 3/16"(1834) 69 3/8"(1762) 68 5/8"(1743) 58 9/32"(1480)	50*	50*	50*	50*

ELEVATION SYMBOL LEGEND:
M.O. = MASONRY OPENING
VALUES IN [] ARE IN MILLIMETER CONVERSIONS.
##\* NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.

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.

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CCEDT4468

CCEDT5668

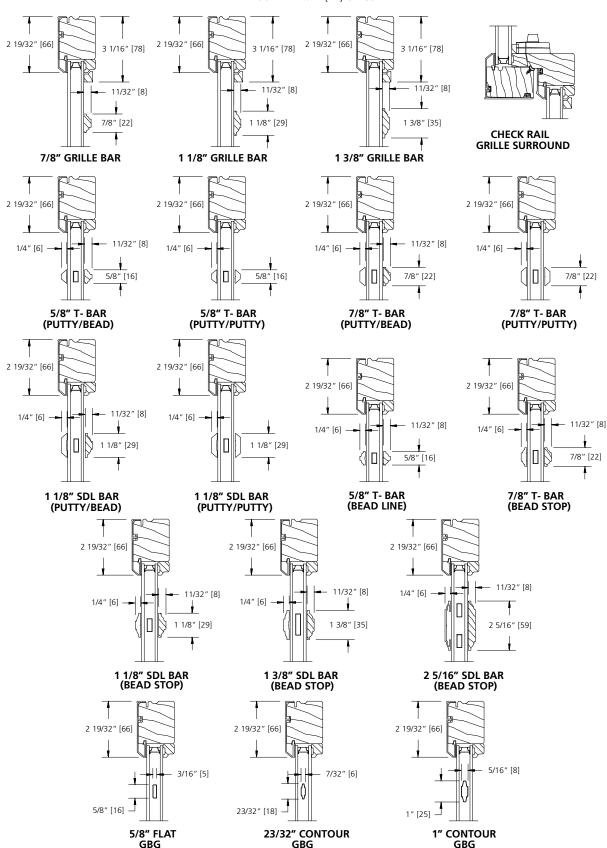
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**Custom Wood** 

#### **GLAZING OPTIONS**

#### **INTERIOR GLAZED**

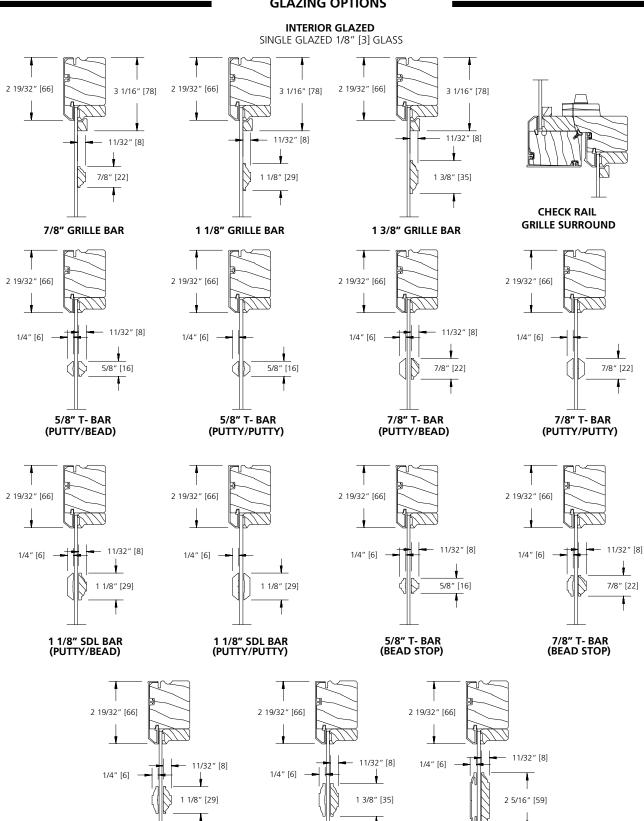
INSULATED 3/4" [19] GLASS





**Custom Wood** 

#### **GLAZING OPTIONS**



2 5/16" SDL BAR

(BEAD STOP)

1 1/8" SDL BAR

(BEAD STOP)

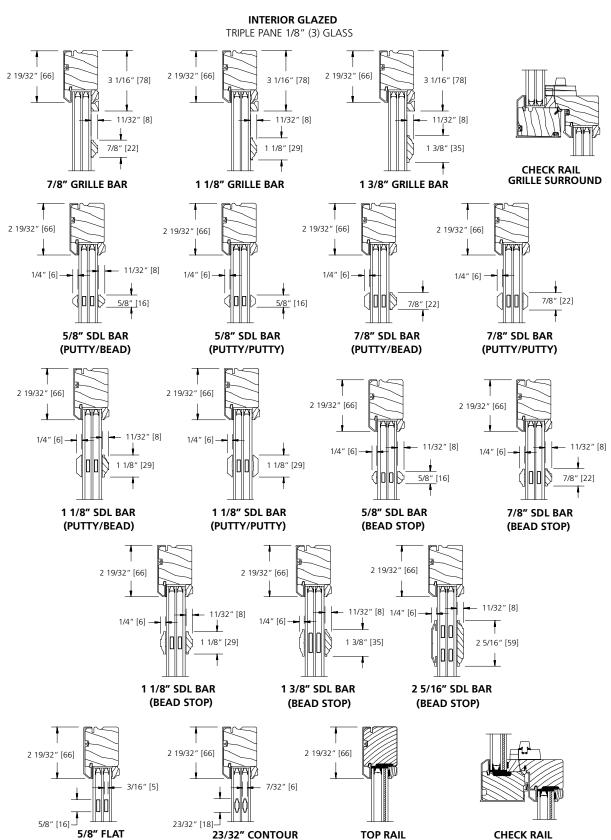
1 3/8" SDL BAR

(BEAD STOP)



**Custom Wood** 

#### **GLAZING OPTIONS**



**IMPACT VERSION** 

AIRSPACE GRILLE

IMPACT VERSION

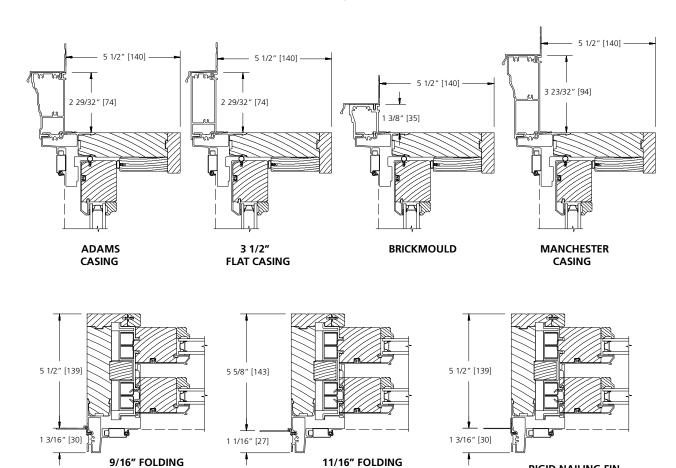
**AIRSPACE GRILLE** 



**Custom Wood** 

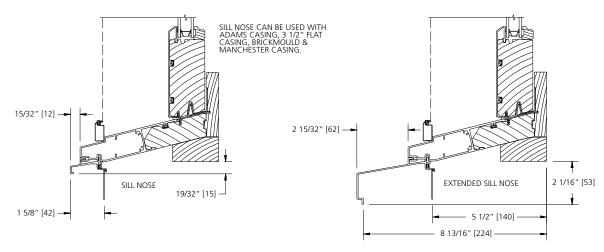
#### **TRIM OPTIONS**

#### **EXTERIOR TRIM**



#### **SILL NOSE OPTIONS**

**NAILING FIN** 



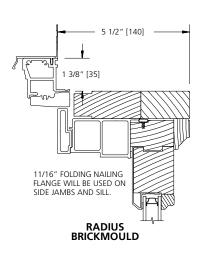
**RIGID NAILING FIN** 

**NAILING FIN** 

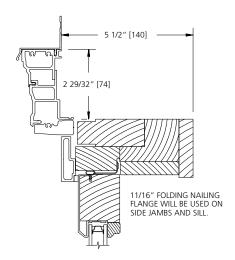
**Custom Wood** 

# TRIM OPTIONS RADIUS

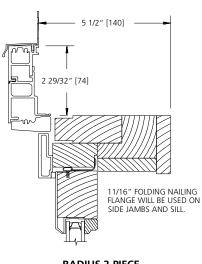
#### RADIUS PICTURE/TRANSOM HEAD JAMB



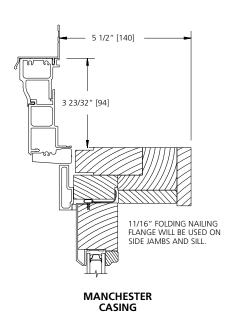
#### RADIUS SINGLE HUNG HEAD JAMB



RADIUS 2-PIECE ADAMS CASING



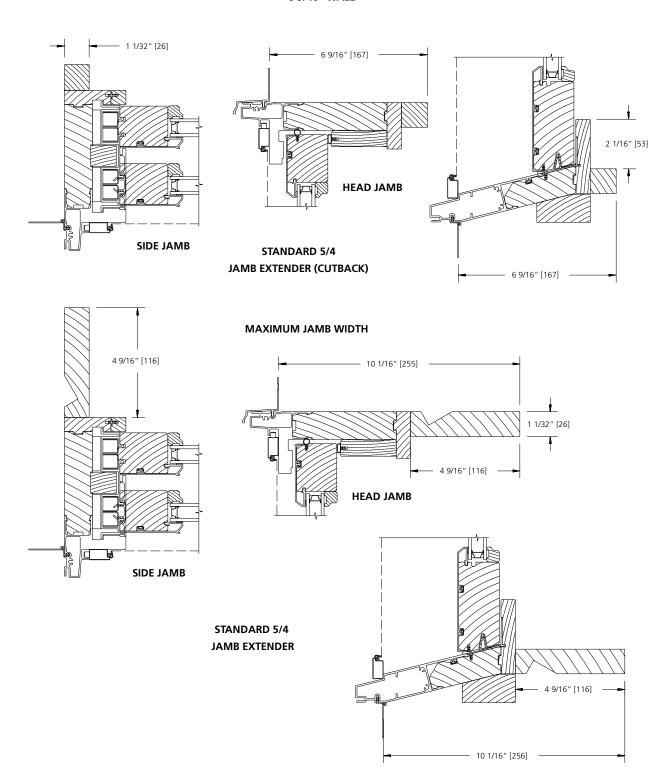
RADIUS 2-PIECE FLAT CASING





## JAMB EXTENDER OPTIONS

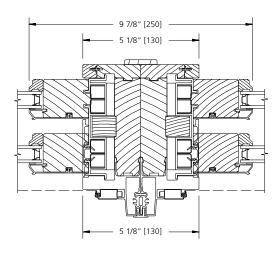
#### 6 9/16" WALL



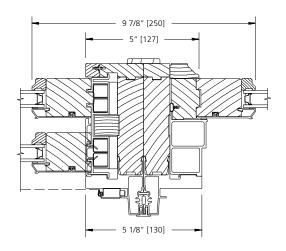


#### **STANDARD MULLION DETAILS**

#### HORIZONTAL MULLION

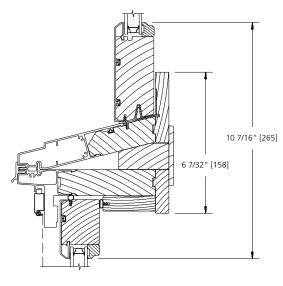


DOUBLE HUNG NEXT TO A DOUBLE HUNG



DOUBLE HUNG NEXT TO A PICTURE UNIT

#### **VERTICAL MULLION**



TRANSOM OVER A DOUBLE HUNG

#### TRANSOM MULLING NOTE:

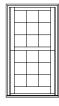
Transom units are assembled with the side jamb of the Transom unit flush with the head jamb of the lower unit. The overall vertical frame height of the mulled units is equal to the frame height of the lower unit and the upper unit added together.

#### LITE CUT INFORMATION

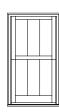
Custom Clad Epic double hung windows are available with removable grilles in 7/8", 1-1/8" and 1-3/8" widths, grilles between the glass (GBG), and Simulated Divided Lites. Standard lite cuts are rectangular, and conform to the layouts noted in the charts on the next page. To use the chart, refer to the appropriate table by the type of window and type of bars or grilles the section drawings illustrate. Then simply cross reference the frame Height and Width to determine the standard lite cut.

#### LITE CUT OPTIONS

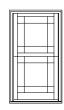
Special lite cut patterns can include a wide variety of straight line and radius patterns. The illustrations shown here represent just a few of the possibilities. Rectangular, horizontal, vertical and Prairie lite patterns are available in all standard size clad doublehung windows. Uneven, diamond, radius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



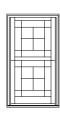
RECTANGULAR



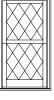
VERTICAL



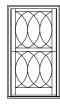
PRAIRIE



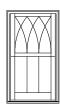
UNEVEN



DIAMOND



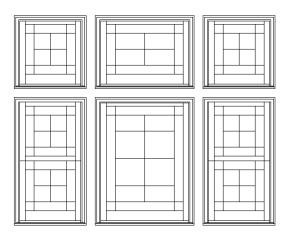
RADIUS



GOTHIC

#### **BAR ALIGNMENT**

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





#### LITE CUT TABLES DOUBLE-HUNG - CCED

















7/8" GRILLE	BAR	1	1/8"	GRILLE	BAR

5/8" SDL BAR

7/8" SDL BAR

" FLAT 23/32" CONTOUR 1" CONTOUR GBG

	CCED		Frame Height			
			57	81	105	129
			57 1/16	81 1/16	105 1/16	129 1/16
모	32	32 3/16	3W 3H	3W 4H	3W 5H	3W 6H
Width	44	44 3/16	4W 3H	4W 4H	4W 5H	4W 6H
Frame \	56	56 3/16	5W 3H	5W 4H	5W 5H	5W 6H
Fra	68	68 3/16	6W 3H	6W 4H	6W 5H	N/A









1 1/8" SDL BAR

1 3/8" GRILLE BAR

1 3/8" SDL BAR

	CCED			Frame	Height	
			57	81	105	129
			57 1/16	81 1/16	105 1/16	129 1/16
Frame Width	32	32 3/16	2W 2H	2W 3H	2W 4H	2W 5H
	44	44 3/16	3W 2H	3W 3H	3W 4H	3W 5H
	56	56 3/16	4W 2H	4W 3H	4W 4H	4W 5H
Frai	68	68 3/16	5W 2H	5W 3H	5W 4H	N/A

**Custom Wood** 

#### **LITE CUT TABLES COTTAGE AND REVERSE COTTAGE DOUBLE-HUNG - CCED**

#### **COTTAGE DOUBLE HUNG - CCED**

















7/8" GRILLE BARI 1/8" GRILLE BAR

5/8" SDL BAR

7/8" SDL BAR

23/32" CONTOUR 1" CONTOUR GBG

				Frame Height			
	CCED			81C47	105C59		
				81 1/16	105 1/16		
-	th	32	32 3/16	3W 3H 5H	3W 4H 6H		
Width	Wid	44	44 3/16	4W 3H 5H	4W 4H 6H		
	rame	56	56 3/16	5W 3H 5H	5W 4H 6H		
ı	Fra	68	68 3/16	6W 3H 5H	6W 4H 6H		





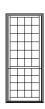


1 1/8" SDL BAR

1 3/8" GRILLE BAR 1 3/8" SDL BAR

			Frame H	leight
	CCED		81C47	105C59
			81 1/16	105 1/16
Width	32	32 3/16	2W 2H 4H	2W 3H 5H
	44	44 3/16	3W 2H 4H	3W 3H 5H
Frame '	56	56 3/16	4W 2H 4H	4W 3H 5H
Fra	68	68 3/16	5W 2H 4H	5W 3H 5H

#### **REVERSE COTTAGE DOUBLE HUNG - CCED**



















7/8" GRILLE BARI 1/8" GRILLE BAR

5/8" SDL BAR

PUTTY BEAD 7/8" SDL BAR

Frame Height **CCED** 105R35 81R23 81 1/16 105 1/16 32 3/16 3W 5H 3H 3W 6H 4H 32 44 3/16 44 4W 5H 3H 4W 6H 4H 56 56 3/16 5W 5H 3H 5W 6H 4H

6W 5H 3H



68





6W 6H 4H

JTTY BEAD 1 1/8" SDL BAR

1 3/8" GRILLE BAR 1 3/8" SDL BAR

			Frame Height		
	CC	ED	81R23	105R35	
			81 1/16	105 1/16	
t	32	32 3/16	2W 5H 3H	2W 6H 4H	
Width	44	44 3/16	3W 5H 3H	3W 6H 4H	
Frame	56	56 3/16	4W 5H 3H	4W 6H 4H	
Fra	68	68 3/16	5W 5H 3H	5W 6H 4H	

**Custom Wood** 

#### **LITE CUT TABLES** PICTURE - CCEDP AND TRANSOM - CCEDT

#### **PICTURE WINDOWS - CCEDP**







5/8" SDL BAR





7/8" SDL BAR

	CCEDP			Frame	Height	
			57	81	105	129
			57 1/16	81 1/6	105 1/16	129 1/16
th	32	32 3/16	3W 6H	3W 8H	3W 10H	3W 12H
Width	44	44 3/16	4W 6H	4W 8H	4W 10H	4W 12H
me	56	56 3/16	5W 6H	5W 8H	5W 10H	5W 12H
Fra	68	68 3/16	6W 6H	6W 8H	6W 10H	N/A







PUTTY BEAD

1 1/8" SDL BAR

1 3/8" GRILLE BAR 1 3/8" SDL BAR

	CCEDP		Frame Height			
			57	81	105	129
			57 1/16	81 1/16	105 1/16	129 1/19
Frame Width	32	32 3/16	2W 6H	2W 8H	2W 10H	2W 12H
	44	44 3/16	3W 6H	3W 8H	3W 10H	3W 12H
	56	56 3/16	4W 6H	4W 8H	4W 10H	4W 12H
	68	68 3/16	5W 6H	5W 8H	5W 10H	N/A

#### **TRANSOM WINDOWS - CCEDT**





















7/8" GRILLE BAR1 1/8" GRILLE BAR

PUTTY BEAI 5/8" SDL BAR BEAD

5/8" FLAT 23/32" CONTOUR 1" CONTOUR **GBG** 

			Frame Height			
	CCEDT		32	44	56	68
			32 5/8	44 5/8	56 5/8	68 5/8
Frame Width	32	32 3/16	3W 3H	3W 4H	3W 5H	3W 6H
	44	44 3/16	4W 3H	4W 4H	4W 5H	4W 6H
	56	56 3/16	5W 3H	5W 4H	5W 5H	5W 6H
Fra	68	68 3/16	6W 3H	6W 4H	6W 5H	6W 6H









PUTTY BEAD

1 1/8" SDL BAR 1 3/8" GRILLE BAR 1 3/8" SDL BAR

			Frame Height			
	CCEDT		32	44	56	68
			32 5/8	44 5/8	56 5/8	68 5/8
Frame Width	32	32 3/16	2W 2H	2W 3H	2W 4H	2W 5H
	44	44 3/16	3W 2H	3W 3H	3W 4H	3W 5H
	56	56 3/16	4W 2H	4W 3H	4W 4H	4W 5H
	68	68 3/16	5W 2H	5W 3H	5W 4H	5W 5H

# UNIT SIZING, ROUGH OPENINGS & MASONRY OPENINGS

# 

NON-STANDARD UNIT SIZING

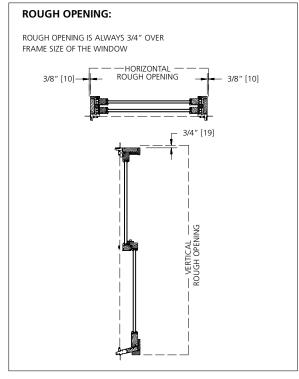
EXTERIOR TRIM OFFERINGS WITH SILL NOSE

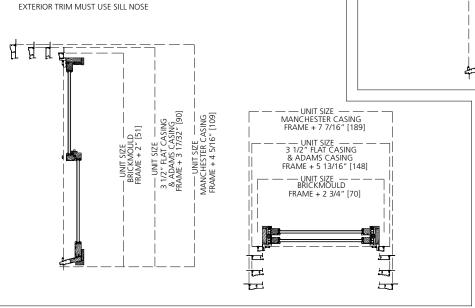
#### **GENERAL NOTES:**

UNITS WITH NO TRIM AND SILL NOSE: UNIT SIZE = FRAME SIZE

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

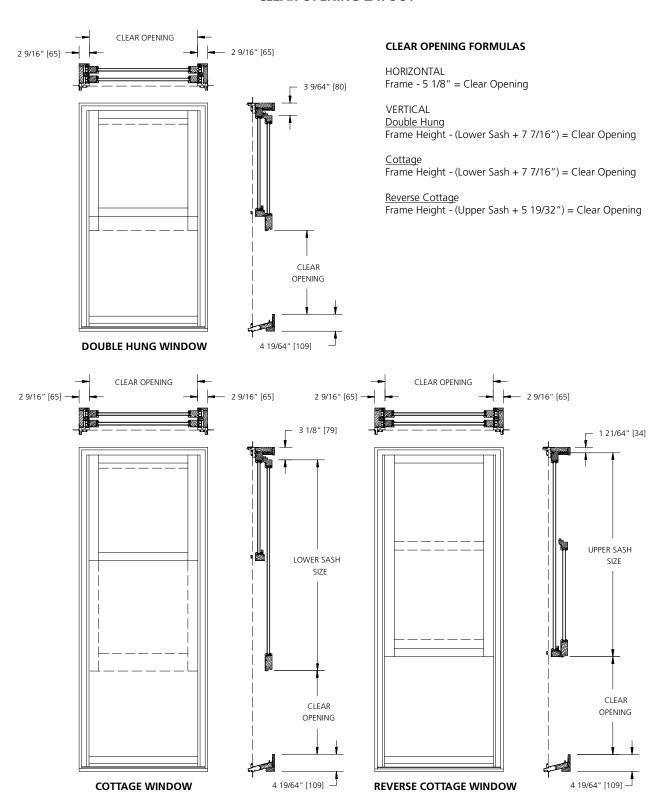
MASONRY OPENING: MASONRY OPENING IS ALWAYS 1/2" OVER THE UNIT SIZE OF THE WINDOW





**Custom Wood** 

#### **CLEAR OPENING LAYOUT**

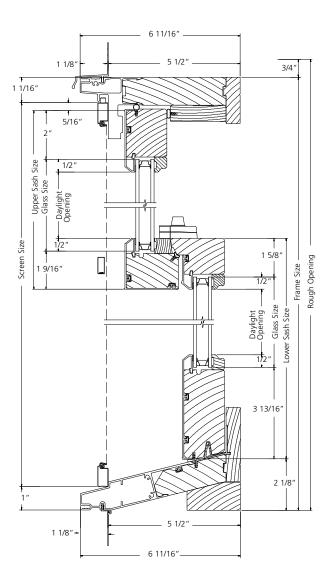


#### **COTTAGE & REVERSE COTTAGE**

Consult the Design Data Tables for clear opening information. For dimensional units, contact Jeld-Wen - Bend Window Division Technical Services Department for Clear Opening information.

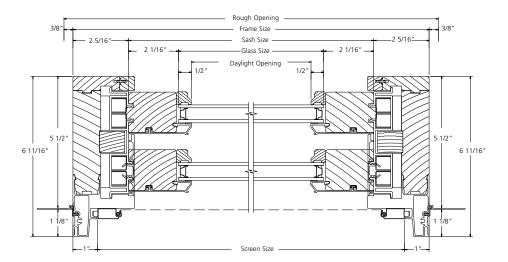


#### **OPERATING UNIT**



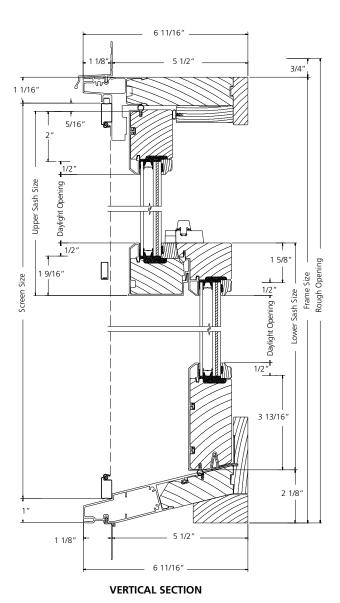
**VERTICAL SECTION** 

#### **OPERATING UNIT**



HORIZONTAL SECTION

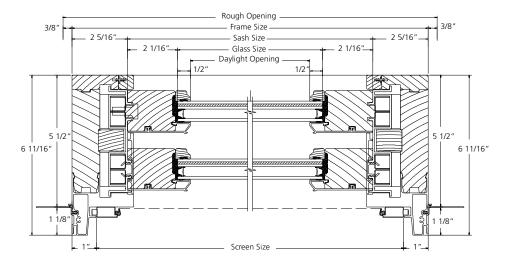
#### **IMPACT OPERATING UNIT**



SCALE: 3" = 1'

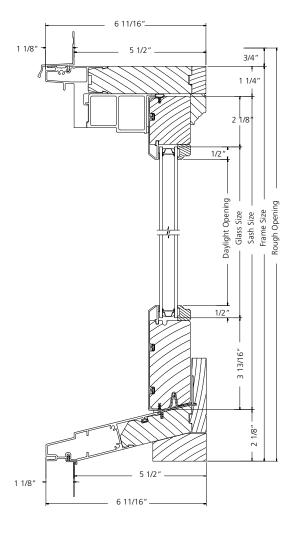


#### **IMPACT OPERATING UNIT**



HORIZONTAL SECTION

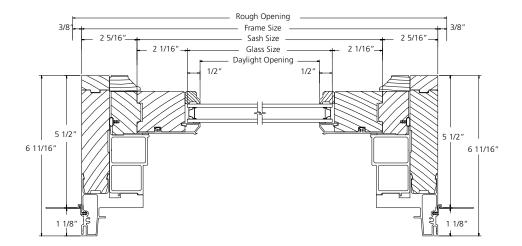
#### **PICTURE UNIT**



**VERTICAL SECTION** 

**Custom Wood** 

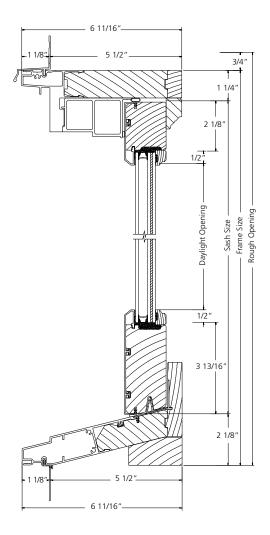
#### **PICTURE UNIT**



**HORIZONTAL SECTION** 



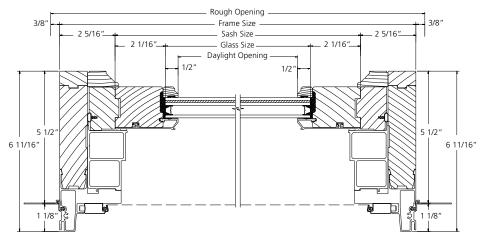
#### **IMPACT PICTURE UNIT**



**VERTICAL SECTION** 

**Custom Wood** 

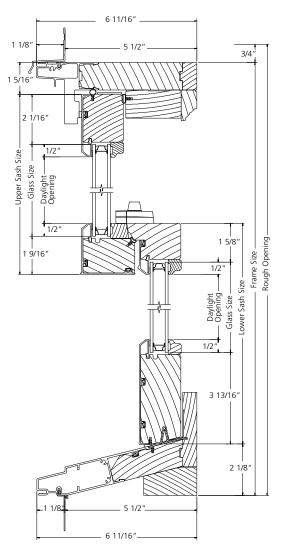
#### **IMPACT PICTURE UNIT**



**HORIZONTAL SECTION** 

**Custom Wood** 

# DOUBLE-HUNG FIXED SASH

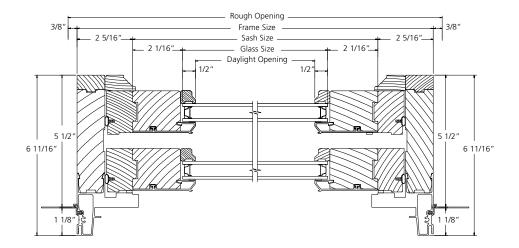


**VERTICAL SECTION** 



**Custom Wood** 

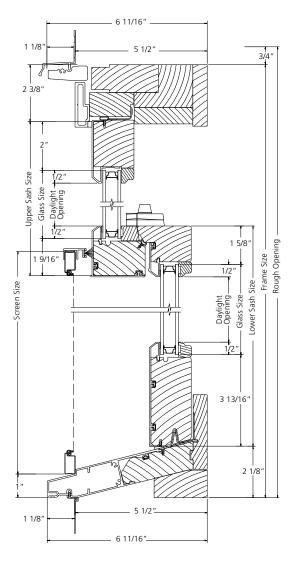
#### DOUBLE-HUNG FIXED SASH



**HORIZONTAL SECTION** 

**Custom Wood** 

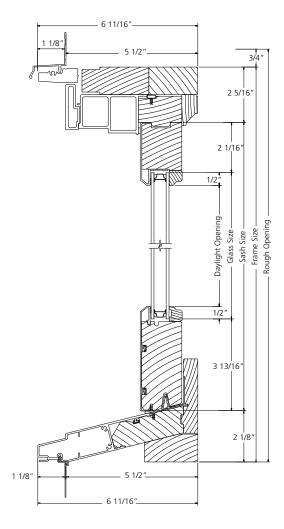
#### DOUBLE-HUNG RADIUS



**VERTICAL SECTION** 

**Custom Wood** 

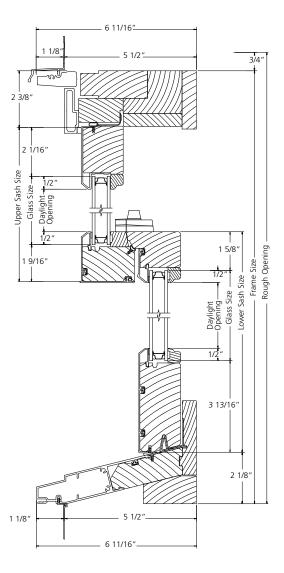
# DOUBLE-HUNG PICTURE RADIUS



**VERTICAL SECTION** 

**Custom Wood** 

#### DOUBLE-HUNG FIXED SASH RADIUS



**VERTICAL SECTION**