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PRODUCT SPECIFICATIONS

EXTERIOR FINISH

Exterior aluminum surfaces are finished with a fluoropolymer (70% Kynar 500®) multi-coat finish system to meet the performance standards required by AAMA specification #2605. 41 standard colors include Brilliant White, Chestnut Bronze, Desert Sand, French Vanilla, Hartford Green, Mesa Red, Black Licorice, Heirloom White, Hunter Green, Redwood, Sage Brown, Smoke and more. Custom Color Matching available. Three copper finishes are available on window sash.

AURALAST® WOOD

AuraLast® wood is fundamentally different from wood treated in traditional millwork preservation processes in that it uses a proprietary vacuum/pressure process to provide protection throughout the wood parts used to make windows and doors. AuraLast® wood is distinguished from wood using traditional preservation methods by its unique ability to achieve greater penetration of the active ingredients into the wood parts, with a minimum treatment penetration of 92%.

INTERIOR FINISH

Interior surfaces are unfinished clear pine ready for on-site finishing. Optional prefinished pine interiors include four acrylic colors (Moderate White, Extra White, Natural Choice, Pure White), five stains (Wheat, Cherry, Fruitwood, Cordovan, Cider) and a clear lacquer topcoat. Primed interior is also available. Optional interior wood species include vertical grain Douglas Fir, Mahogany and Knotty Alder.

FRAME

Frame is assembled from select kiln-dried pine AuraLast® wood on all exterior parts. Exterior surface is covered with .050 gauge extruded aluminum cladding. Standard jamb width is 4-9/16". Integral nailing fin is part of the frame extrusion on all four sides.

SASH

1-7/16" thick select kiln-dried pine AuraLast® wood. Exterior surface is covered with .019 gauge roll formed aluminum cladding. Corner joints are mortised-and-tenoned, glued and nailed from the interior; with the glass mounted into the sash using silicone glazing compound then secured with interior applied profiled wood stops. The upper sash of the Sector Top Single-Hung unit will be fixed, with the lower sash operational.

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 a concealed non-compression jamb liner forming a compression seal with dual durometer bulb seal weather-stripping against 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

Concealed 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, Oil-Rubbed Bronze, Satin Nickel, and Powder Coat Black. Recessed sash retainers restrain the upper and lower sash and provide a tracking system for the jamb liner. Interior sash lifts are optional, are sold separately, and are available in matching finishes.

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. Interior Phantom screens are available in Ponderosa Pine, vertical-grain Douglas Fir, Mahogany, and Knotty Alder. 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. 1" Copper SDL is also available. SDL is standard with a light bronze internal shadow bar to give a true divided lite appearance. As an option, SDL may be ordered with a silver shadow bar. Clear wood interior muntin bars match the exterior muntin width and are permanently bonded to the interior of the glass. Also available is a 2-5/16" SDL bar, which simulates a double-hung checkrail.

Full-Surround Removable Wood Grilles - Rectangular, unfinished interior clear pine wood grilles in 7/8", 1-1/8", and 1-3/8" are available in patterns selected by the owner.

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

EXTERIOR TRIM

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

Extensions are applied to the interior on all four sides of the frame in wall depths up to 9-1/8" for 4/4, factory applied.

Continued on next page

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/NWDA/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

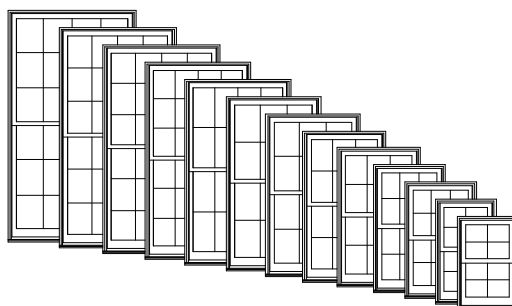
SPECIFICATION	STANDARD FEATURES	OPTIONAL FEATURES <i>Some options may require additional lead times. Consult your JELD-WEN Sales Representative.</i>	
EXTERIOR FINISH	- Brilliant White - Chestnut Bronze - Desert Sand - French Vanilla - Mesa Red - Hartford Green - Black Licorice - Heirloom White - Hunter Green - Redwood - Sage Brown - Smoke - Artic Silver - Dark Chocolate - Black Emerald - Bone White - Bronze - Buckskin - Cambridge White - Capri Blue - Cascade - Champagne - Clover Mist - Dark Buckskin - Dark Ivy - Deep Summer - Garnet - Haverstraw - Hudson Blue - Ivory - Ivy - Liberty Blue - Mocha Cream - Mosiac Green - Pueblo Tan - Rosewood - Scarlet Haze - Sea Foam - Teal - Wedgewood - White - Clear Satin Anodized	Custom Color Matching	
EXTERIOR TRIM	Drip Cap & Integral Nailing Fin	- Extruded Aluminum Brickmould - Adams Casing	3-1/2" Flat Casing - Heritage Casing
INTERIOR WOOD	Western Pine	- Knotty Alder - Vertical Grain Douglas Fir - Mahogany	
INTERIOR FINISH	Natural	- Priming Available Pre-finished Interior Options are: - Paint - Pure White, Extra White, Natural Choice, Moderate White - Stain - Wheat, Fruitwood, Cherry, Cordovan, Cider - Clear Lacquer	
SIZE	- Width: 21-3/8, 25-3/8, 29-3/8, 31-3/8, 33-3/8, 35-3/8, 37-3/8, 41-3/8, 45-3/8, 49-3/8 - Height: 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80, 88, 92, 96	- Any Width: 13-3/8 to 49-3/8 (certain restrictions apply) - Any Height: 32 to 96 (certain restrictions apply)	
GLAZING	- Low-E Insulating Glass (with Argon) - Low-E 366 - Preserve® Protective Film	- Clear - Obscure - Reflective - Tints: Bronze, Gray, Green - Glue Chip - Safety Laminated in Clear, Bronze or Gray	- Neat Glass - Seedy Reamy - Rain - Narrow Reed - Sandblasted - Tempered - Impact Resistant
		High Altitude (Breather Tube, no Argon)	

Continued on next page

QUICK SPEC GUIDE

SPECIFICATION	STANDARD FEATURES	OPTIONAL FEATURES <i>Some options may require additional lead times. Consult your JELD-WEN Sales Representative.</i>
GRILLES		SDL Bead Profile: • 5/8", 7/8", 1-1/8", 1-3/8", 2-5/16" with Light Bronze Shadow Bar • 5/8", 7/8", 1-1/8", 1-3/8", 2-5/16" with Silver Shadow Bar SDL Putty Profile: • 5/8", 7/8" and 1-1/8" with Light Bronze Shadow Bar • 5/8", 7/8" and 1-1/8" with Silver Shadow Bar • 1" Copper SDL GBG (Grilles between the Glass): • 5/8" Flat, 23/32" Contour, 1" Contour Full-Surround: • 7/8", 1-1/8", 1-3/8"
HARDWARE	• Concealed Block & Tackle • Cam Action Sash Locks • Recessed Sash Retainers Top & Bottom	• Sash Lifts
HARDWARE COLOR	• White • Chestnut Bronze • Desert Sand	• Polished Brass • Antique Brass • Polished Chrome • Brushed Chrome • Oil-Rubbed Bronze • Satin Nickel • Powder Coat Black
JAMB	• Applied, 4/4 • 4-9/16"	• Up to 9-1/8" 4/4
INSECT SCREENS	• Fiberglass	• Phantom Screen available in Pine, Vertical Grain, Knotty Alder, and Mahogany
SCREEN FRAME COLOR	• Brilliant White • Chestnut Bronze • Desert Sand • French Vanilla • Mesa Red • Hartford Green • Black Licorice • Heirloom White • Hunter Green • Redwood • Sage Brown • Smoke	• Black Emerald • Bone White • Bronze • Buckskin • Cambridge White • Capri Blue • Cascade • Champagne • Clover Mist • Dark Buckskin • Dark Ivy • Deep Summer • Garnet • Haverstraw • Hudson Blue • Ivory • Ivy • Liberty Blue • Mocha Cream • Mosaic Green • Pueblo Tan • Rosewood • Scarlet Haze • Sea Foam • Teal • Wedgewood • White • Clear Satin Anodized • Custom Color Matching

GENERAL INFORMATION
DOUBLE-HUNG



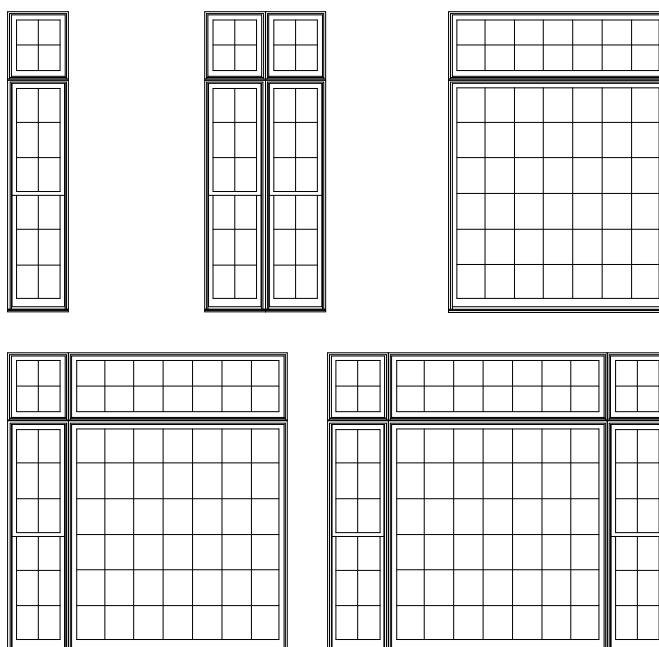
DIMENSIONAL WINDOWS

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

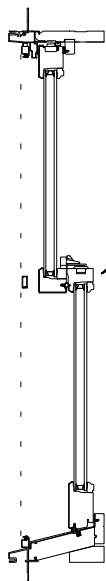
Clad double-hung windows feature fully operating upper and lower sash. Counterbalancing is achieved with block and tackle spring extension systems hidden in weatherable PVC jamb liners. Operating units are supplied with cam-type sash locks installed. Die-cast lower sash lifts supplied for field installation are an option. Recessed sash retainers provide simple sash installation and removal. There are several hardware finish options. Refer to the Specifications for available finish options.

MULTIPLE ASSEMBLIES

Clad double-hung windows may be mullied beside other clad double-hungs or clad picture windows, or below clad transom windows, to fulfill a wide variety of needs. Factory assembled mulls are limited in height (100"), width (114"), and a total area (75 square feet).



**HANDING & OPERATION
DOUBLE-HUNG**



DOUBLE-HUNG OPERATION:

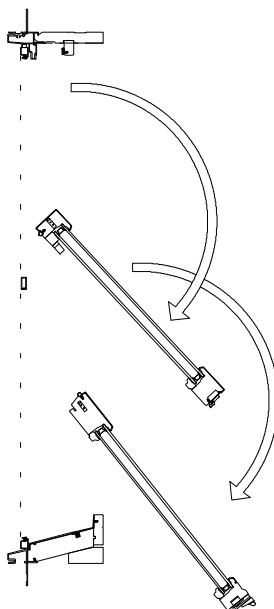
When the sash are locked at the check rails the sash are closed and sealed in the sash opening of the frame.

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



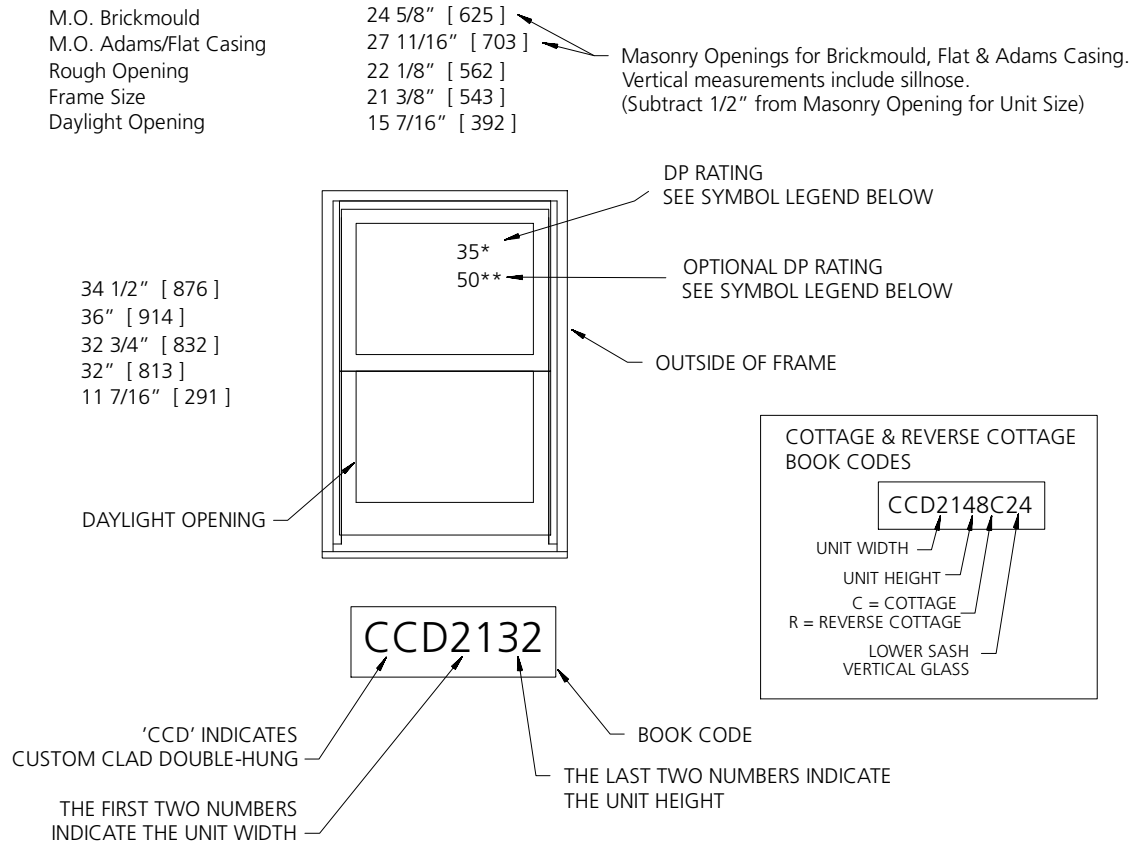
SASH TILTING FOR WASHING

The Custom Double-Hung window will allow the sash to be tilted or removed for easy cleaning.



ELEVATION NOTES DOUBLE-HUNG

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.



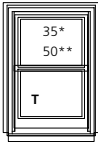
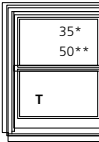
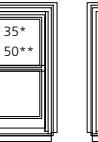
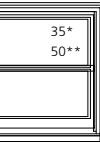
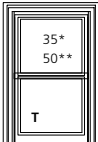
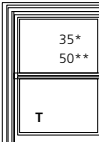
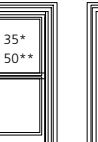
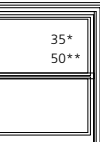
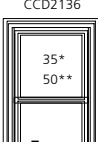
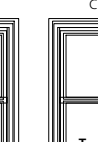
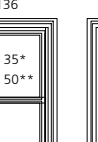
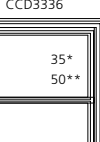
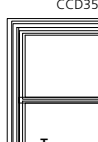
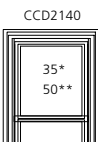
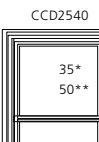
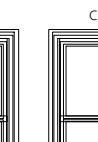
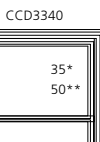
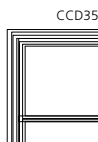
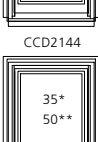
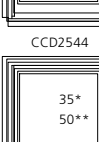
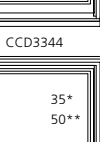
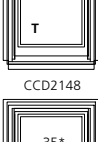
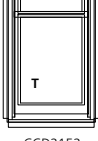
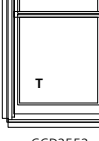
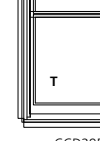
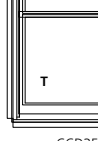
GENERAL DOUBLE-HUNG NOTES

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.
- T** BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.
- ***** NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.
- ****** REQUIRES APPLICATION OF STOOL FOR WATER RESISTANCE. THIS APPLICATION REDUCES CLEAR OPENING VERTICALLY. STOOL ADDS 3/8" [10] MINIMUM TO HEIGHT OF INTERIOR SILL STOP.

1-WIDE UNITS

M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	24 5/8" (625) 27 11/16" (703) 22 1/8" (562) 21 3/8" (543) 15 7/16" (392)	28 5/8" (727) 31 11/16" (805) 26 1/8" (664) 25 3/8" (645) 19 7/16" (494)	32 5/8" (829) 35 11/16" (906) 30 1/8" (765) 29 3/8" (746) 23 7/16" (595)	34 5/8" (879) 37 11/16" (957) 32 1/8" (816) 31 3/8" (797) 25 7/16" (646)	36 5/8" (930) 39 11/16" (1008) 34 1/8" (867) 33 3/8" (848) 27 7/16" (697)	38 5/8" (981) 41 11/16" (1059) 36 1/8" (918) 35 3/8" (899) 29 7/16" (740)	40 5/8" (1032) 43 11/16" (1110) 38 1/8" (968) 37 3/8" (949) 31 7/16" (799)
34 1/2" (876) 36" (914) 32 3/4" (832) 32" (813) 11 7/16" (291)							
	CCD2132	CCD2532	CCD2932	CCD3132	CCD3332	CCD3532	CCD3732
38 1/2" (978) 40" (1016) 36 3/4" (933) 36" (914) 13 7/16" (341)							
	CCD2136	CCD2536	CCD2936	CCD3136	CCD3336	CCD3536	CCD3736
42 1/2" (1080) 44" (1118) 40 3/4" (1035) 40" (1016) 15 7/16" (392)							
	CCD2140	CCD2540	CCD2940	CCD3140	CCD3340	CCD3540	CCD3740
46 1/2" (1181) 48" (1219) 44 3/4" (1137) 44" (1118) 17 7/16" (443)							
	CCD2144	CCD2544	CCD2944	CCD3144	CCD3344	CCD3544	CCD3744
50 1/2" (1270) 52" (1321) 48 3/4" (1238) 48" (1219) 19 7/16" (494)							
	CCD2148	CCD2548	CCD2948	CCD3148	CCD3348	CCD3548	CCD3748
54 1/2" (1384) 56" (1422) 52 3/4" (1340) 52" (1321) 21 7/16" (545)							
	CCD2152	CCD2552	CCD2952	CCD3152	CCD3352	CCD3552	CCD3752
58 1/2" (1486) 60" (1524) 56 3/4" (1441) 56" (1422) 23 7/16" (595)							
	CCD2156	CCD2556	CCD2956	CCD3156	CCD3356	CCD3556	CCD3756

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

T BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.

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

*** REQUIRES APPLICATION OF STOOL FOR WATER RESISTANCE. THIS APPLICATION REDUCES CLEAR OPENING VERTICALLY. STOOL ADDS 3/8" [10] MINIMUM TO HEIGHT OF INTERIOR SILL STOP.

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'

1-WIDE UNITS

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

24 5/8" (625)
 27 11/16" (703)
 22 1/8" (562)
 21 3/8" (543)
 15 7/16" (392)

28 5/8" (727)
 31 11/16" (805)
 26 1/8" (664)
 25 3/8" (645)
 19 7/16" (494)

32 5/8" (829)
 35 11/16" (906)
 30 1/8" (765)
 29 3/8" (746)
 23 7/16" (595)

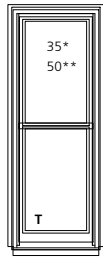
34 5/8" (879)
 37 11/16" (957)
 32 1/8" (816)
 31 3/8" (797)
 25 7/16" (646)

36 5/8" (930)
 39 11/16" (1008)
 34 1/8" (867)
 33 3/8" (848)
 27 7/16" (697)

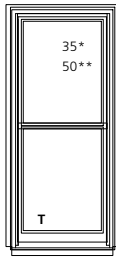
38 5/8" (981)
 41 11/16" (1059)
 36 1/8" (918)
 35 3/8" (899)
 29 7/16" (740)

40 5/8" (1032)
 43 11/16" (1110)
 38 1/8" (968)
 37 3/8" (949)
 31 7/16" (799)

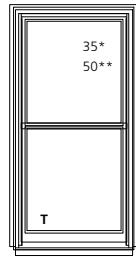
62 1/2" (1588)
 64" (1626)
 60 3/4" (1543)
 60" (1524)
 25 7/16" (646)



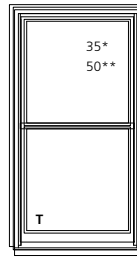
CCD2160



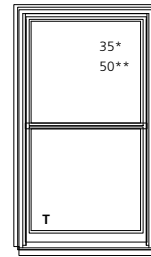
CCD2560



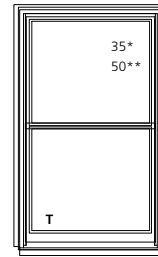
CCD2960



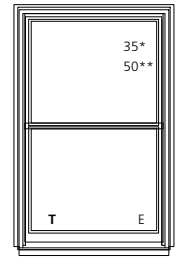
CCD3160



CCD3360

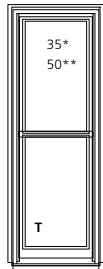


CCD3560

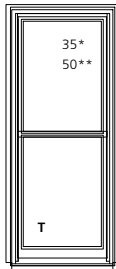


CCD3760

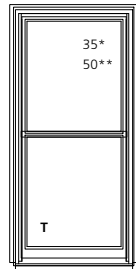
66 1/2" (1689)
 68" (1727)
 64 3/4" (1645)
 64" (1626)
 27 7/16" (697)



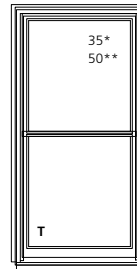
CCD2164



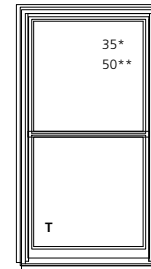
CCD2564



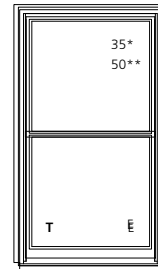
CCD2964



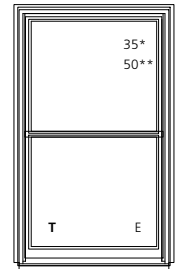
CCD3164



CCD3364

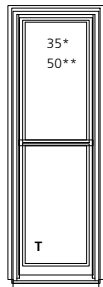


CCD3564

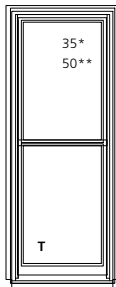


CCD3764

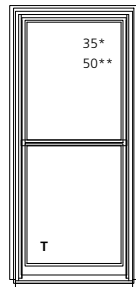
70 1/2" (1791)
 72" (1829)
 68 3/4" (1746)
 68" (1727)
 29 7/16" (748)



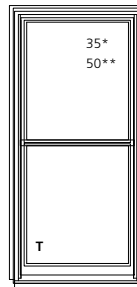
CCD2168



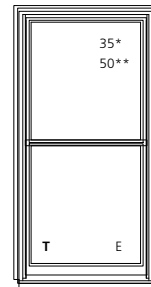
CCD2568



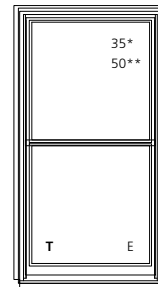
CCD2968



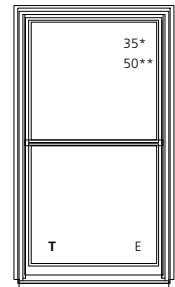
CCD3168



CCD3368

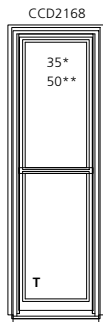


CCD3568

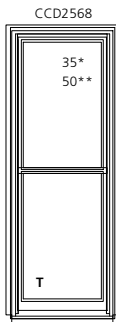


CCD3768

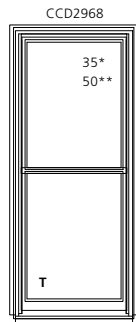
74 1/2" (1892)
 76" (1930)
 72 3/4" (1848)
 72" (1829)
 31 7/16" (799)



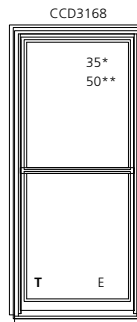
CCD2172



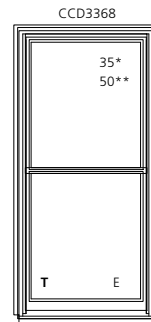
CCD2572



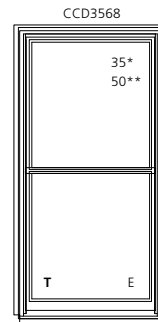
CCD2972



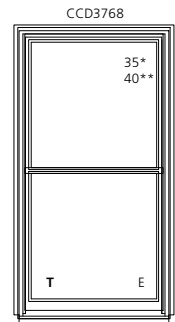
CCD3172



CCD3372

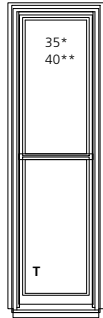


CCD3572

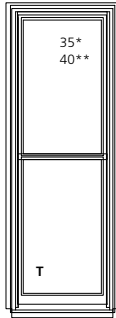


CCD3772

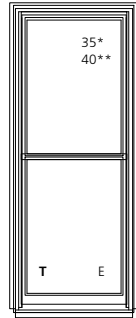
78 1/2" (1994)
 80" (2032)
 76 3/4" (1949)
 76" (1930)
 33 7/16" (849)



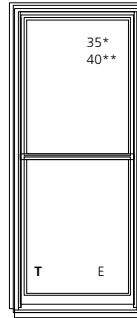
CCD2176



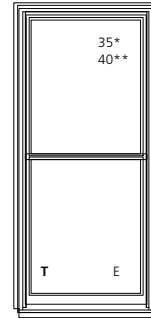
CCD2576



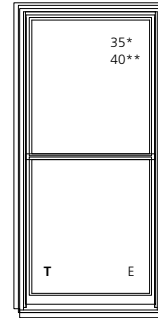
CCD2976



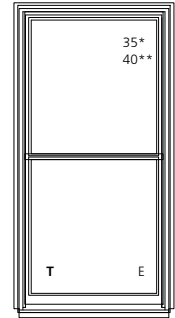
CCD3176



CCD3376



CCD3576



CCD3776

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING 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.

T BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.

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

REQUIRES APPLICATION OF STOOL FOR WATER RESISTANCE. THIS APPLICATION REDUCES CLEAR OPENING VERTICALLY. STOOL ADDS 3/8" [10] MINIMUM TO HEIGHT OF INTERIOR SILL STOP.

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'

1-WIDE UNITS

M.O. BRICKMOUND 24 5/8" (625)
M.O. ADAMS/FLAT CASING 27 11/16" (703)
ROUGH OPENING 22 1/8" (562)
FRAME SIZE 21 3/8" (543)
DAYLIGHT OPENING 15 7/16" (392)

28 5/8" (727)
 31 11/16" (805)
 26 1/8" (664)
 25 3/8" (645)
 19 7/16" (494)

32 5/8" (829)
 35 11/16" (906)
 30 1/8" (765)
 29 3/8" (746)
 23 7/16" (595)

34 5/8" (879)
 37 11/16" (957)
 32 1/8" (816)
 31 3/8" (797)
 25 7/16" (646)

36 5/8" (930)
 39 11/16" (1008)
 34 1/8" (867)
 33 3/8" (848)
 27 7/16" (697)

38 5/8" (981)
 41 11/16" (1059)
 36 1/8" (918)
 35 3/8" (899)
 29 7/16" (740)

40 5/8" (1032)
 43 11/16" (1110)
 38 1/8" (968)
 37 3/8" (949)
 31 7/16" (799)

82 1/2" (2096)
 84" (2134)
 80 3/4" (2051)
 80" (2032)
 35 7/16" (900)

90 1/2" (2299)
 92" (2337)
 88 3/4" (2254)
 88" (2235)
 39 7/16" (1002)

94 1/2" (2400)
 96" (2438)
 92 3/4" (2356)
 92" (2337)
 41 7/16" (1033)

98 1/2" (2502)
 100" (2540)
 96 3/4" (2457)
 96" (2438)
 43 7/16" (1103)



ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
 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.

T BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.

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

##* REQUIRES APPLICATION OF STOOL FOR WATER RESISTANCE. THIS APPLICATION REDUCES CLEAR OPENING VERTICALLY. STOOL ADDS 3/8" [10] MINIMUM TO HEIGHT OF INTERIOR SILL STOP.

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'

1-WIDE UNITS

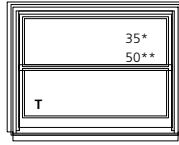
M.O. BRICKMOULD
M.O. ADAMS/FLAT CASING
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

44 5/8" (1133)
47 11/16" (1211)
42 1/8" (1070)
41 3/8" (1051)
35 7/16" (900)

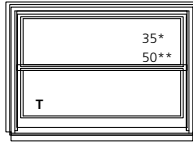
48 5/8" (1235)
51 11/16" (1313)
46 1/8" (1172)
45 3/8" (1153)
39 7/16" (1002)

52 5/8" (1337)
55 11/16" (1414)
50 1/8" (1273)
49 3/8" (1254)
43 7/16" (1103)

34 1/2" (876)
36" (914)
32 3/4" (832)
32" (813)
11 7/16" (291)

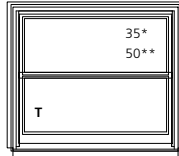


CCD4132

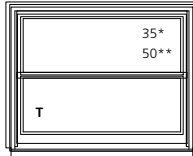


CCD4532

38 1/2" (978)
40" (1016)
36 3/4" (933)
36" (914)
13 7/16" (341)

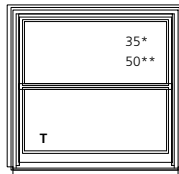


CCD4136

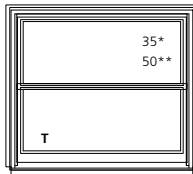


CCD4536

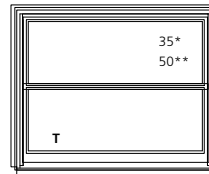
42 1/2" (1080)
44" (1118)
40 3/4" (1035)
40" (1016)
15 7/16" (392)



CCD4140

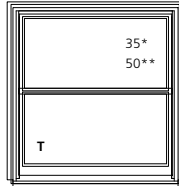


CCD4540

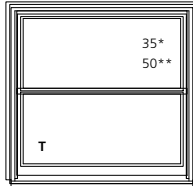


CCD4940

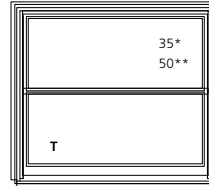
46 1/2" (1181)
48" (1219)
44 3/4" (1137)
44" (1118)
17 7/16" (443)



CCD4144

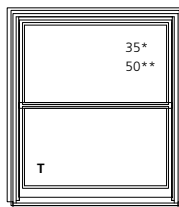


CCD4544

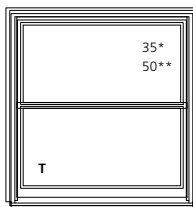


CCD4944

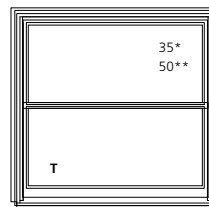
50 1/2" (1270)
52" (1321)
48 3/4" (1238)
48" (1219)
19 7/16" (494)



CCD4148

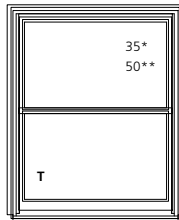


CCD4548

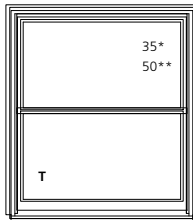


CCD4948

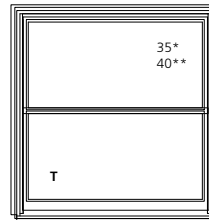
54 1/2" (1384)
56" (1422)
52 3/4" (1340)
52" (1321)
21 7/16" (545)



CCD4152

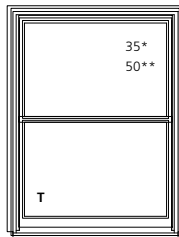


CCD4552

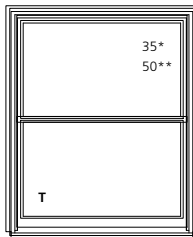


CCD4952

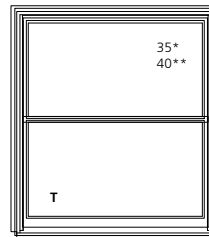
58 1/2" (1486)
60" (1524)
56 3/4" (1441)
56" (1422)
23 7/16" (595)



CCD4156



CCD4556



CCD4956

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

T BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.

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

**** REQUIRES APPLICATION OF STOOL FOR WATER RESISTANCE. THIS APPLICATION REDUCES CLEAR OPENING VERTICALLY. STOOL ADDS 3/8" [10] MINIMUM TO HEIGHT OF INTERIOR SILL STOP.

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'

1-WIDE UNITS

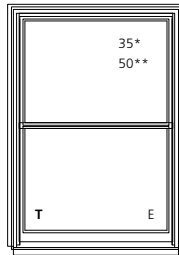
M.O. BRICKMOLD
M.O. ADAMS/FLAT CASING
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

44 5/8" (1133)
47 11/16" (1211)
42 1/8" (1070)
41 3/8" (1051)
35 7/16" (900)

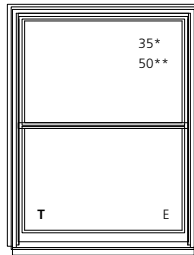
48 5/8" (1235)
51 11/16" (1313)
46 1/8" (1172)
45 3/8" (1153)
39 7/16" (1002)

52 5/8" (1337)
55 11/16" (1414)
50 1/8" (1273)
49 3/8" (1254)
43 7/16" (1103)

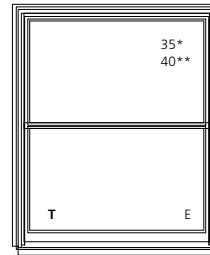
62 1/2" (1588)
64 (1626)
60 3/4" (1543)
60 (1524)
25 7/16" (646)



CCD4160

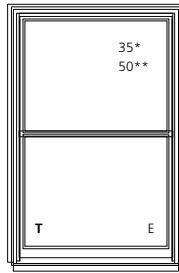


CCD4560

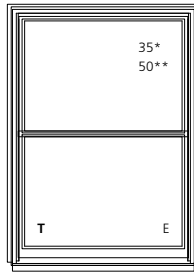


CCD4960

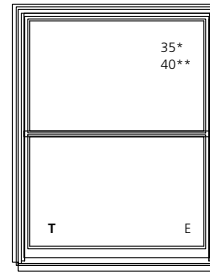
66 1/2" (1689)
68 (1727)
64 3/4" (1645)
64 (1626)
27 7/16" (697)



CCD4164

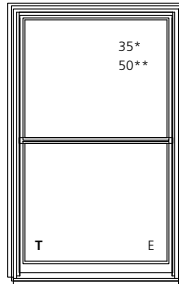


CCD4564

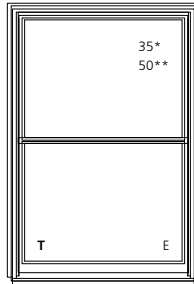


CCD4964

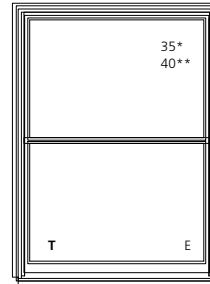
70 1/2" (1791)
72 (1829)
68 3/4" (1746)
68 (1727)
29 7/16" (748)



CCD4168

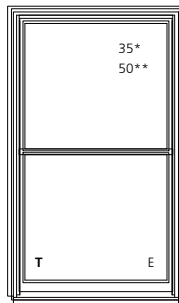


CCD4568

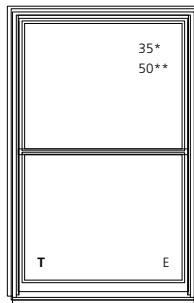


CCD4968

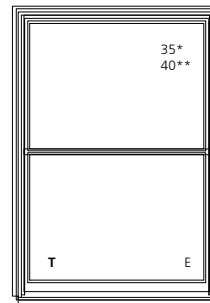
74 1/2" (1892)
76 (1930)
72 3/4" (1848)
72 (1829)
31 7/16" (799)



CCD4172

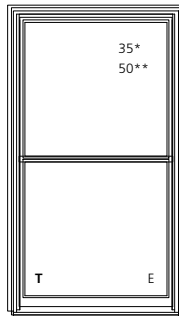


CCD4572

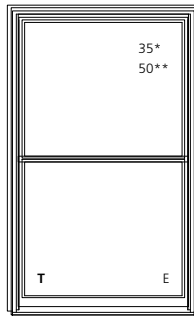


CCD4972

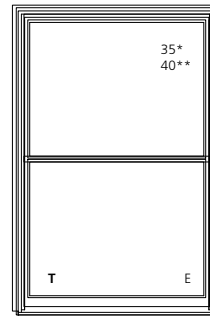
78 1/2" (1994)
80 (2032)
76 3/4" (1949)
76 (1930)
33 7/16" (849)



CCD4176



CCD4576



CCD4976

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

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.

T BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.

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

##** REQUIRES APPLICATION OF STOOL FOR WATER RESISTANCE. THIS APPLICATION REDUCES CLEAR OPENING VERTICALLY. STOOL ADDS 3/8" [10] MINIMUM TO HEIGHT OF INTERIOR SILL STOP.

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'

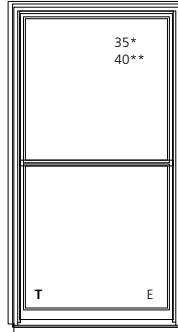
1-WIDE UNITS

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

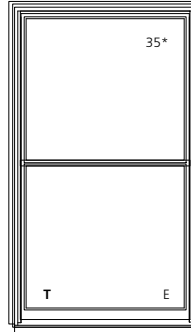
44 5/8" (1133)
47 11/16" (1211)
42 1/8" (1070)
41 3/8" (1051)
35 7/16" (900)

48 5/8" (1235)
51 11/16" (1313)
46 1/8" (1172)
45 3/8" (1153)
39 7/16" (1002)

82 1/2" (2096)
84" (2134)
80 3/4" (2051)
80" (2032)
35 7/16" (900)

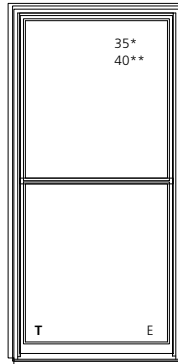


CCD4180



CCD4580

90 1/2" (2299)
92" (2337)
88 3/4" (2254)
88" (2235)
39 7/16" (1002)



CCD4188

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

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.

T BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.

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

**** REQUIRES APPLICATION OF STOOL FOR WATER RESISTANCE. THIS APPLICATION REDUCES CLEAR OPENING VERTICALLY. STOOL ADDS 3/8" [10] MINIMUM TO HEIGHT OF INTERIOR SILL STOP.

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.

2-WIDE UNITS

M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	46" (1168) 49 1/16" (1246) 43 1/2" (1105) 42 3/4" (1086) 15 7/16" [2] (392) [2]	54" (1372) 57 1/16" (1449) 51 1/2" (1308) 50 3/4" (1289) 19 7/16" [2] (494) [2]	62" (1575) 64 1/16" (1627) 59 1/2" (1511) 58 3/4" (1492) 23 7/16" [2] (595) [2]	66" (1676) 68 1/16" (1729) 63 1/2" (1613) 62 3/4" (1594) 25 7/16" [2] (646) [2]	70" (1778) 72 1/16" (1830) 67 1/2" (1715) 66 3/4" (1695) 27 7/16" [2] (697) [2]	74" (1880) 76 1/16" (1932) 71 1/2" (1816) 70 3/4" (1797) 29 7/16" [2] (748) [2]	78" (1981) 80 1/16" (2034) 75 1/2" (1918) 74 3/4" (1899) 31 7/16" [2] (799) [2]
34 1/2" (876) 35" (891) 35 3/8" (903) 32" (813) 11 7/16" (291)							
CCD2132-2	CCD2532-2	CCD2932-2	CCD3132-2	CCD3332-2	CCD3532-2	CCD3732-2	
38 1/2" (978) 40" (1016) 39 3/4" (1005) 38 5/8" (983) 13 7/16" (341)							
CCD2136-2	CCD2536-2	CCD2936-2	CCD3136-2	CCD3336-2	CCD3536-2	CCD3736-2	
43 1/2" (1080) 44 1/8" (1118) 40 3/4" (1035) 40" (1016) 15 7/16" (392)							
CCD2140-2	CCD2540-2	CCD2940-2	CCD3140-2	CCD3340-2	CCD3540-2	CCD3740-2	
46 1/2" (1181) 48 1/8" (1218) 44 3/4" (1137) 44" (1118) 17 7/16" (443)							
CCD2144-2	CCD2544-2	CCD2944-2	CCD3144-2	CCD3344-2	CCD3544-2	CCD3744-2	
50 1/2" (1270) 52 1/8" (1328) 48 3/4" (1238) 48" (1219) 19 7/16" (494)							
CCD2148-2	CCD2548-2	CCD2948-2	CCD3148-2	CCD3348-2	CCD3548-2	CCD3748-2	
54 1/2" (1384) 56 1/8" (1422) 52 3/4" (1340) 52" (1331) 21 7/16" (545)							
CCD2152-2	CCD2552-2	CCD2952-2	CCD3152-2	CCD3352-2	CCD3552-2	CCD3752-2	
58 1/2" (1486) 60 1/8" (1524) 56 3/4" (1441) 56" (1422) 23 7/16" (595)							
CCD2156-2	CCD2556-2	CCD2956-2	CCD3156-2	CCD3356-2	CCD3556-2	CCD3756-2	
62 1/2" (1588) 64 1/8" (1626) 60 3/4" (1543) 60" (1524) 25 7/16" (646)							
CCD2160-2	CCD2560-2	CCD2960-2	CCD3160-2	CCD3360-2	CCD3560-2	CCD3760-2	
66 1/2" (1689) 68 1/8" (1727) 64 3/4" (1645) 64" (1626) 27 7/16" (697)							
CCD2164-2	CCD2564-2	CCD2964-2	CCD3164-2	CCD3364-2	CCD3564-2	CCD3764-2	
70 1/2" (1791) 72 1/8" (1829) 68 3/4" (1746) 68" (1727) 29 7/16" (748)							
CCD2168-2	CCD2568-2	CCD2968-2	CCD3168-2	CCD3368-2	CCD3568-2	CCD3768-2	

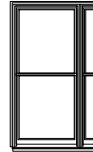
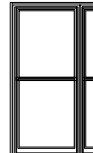
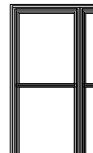
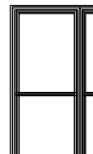
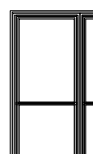
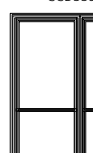
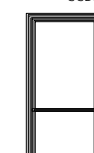
ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS.
VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT.

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: 1/8" = 1'

2-WIDE UNITS

M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	46" (1168) 49 1/16" (1246) 43 1/2" (1105) 42 3/4" (1086) 15 7/16" [2] (392) [2]	54" (1372) 57 1/16" (1449) 51 1/2" (1308) 50 3/4" (1289) 19 7/16" [2] (494) [2]	62" (1575) 64 1/16" (1627) 59 1/2" (1511) 58 3/4" (1492) 23 7/16" [2] (595) [2]	66" (1676) 68 1/16" (1729) 63 1/2" (1613) 62 3/4" (1594) 25 7/16" [2] (646) [2]	70" (1778) 72 1/16" (1830) 67 1/2" (1715) 66 3/4" (1695) 27 7/16" [2] (697) [2]	74" (1880) 76 1/16" (1932) 71 1/2" (1816) 70 3/4" (1797) 29 7/16" [2] (748) [2]	78" (1981) 80 1/16" (2034) 75 1/2" (1918) 74 3/4" (1899) 31 7/16" [2] (799) [2]
74 1/2" (1892) 76" (1930) 72 3/4" (1848) 72" (1829) 31 7/16" (799)							
	CCD2172-2	CCD2572-2	CCD2972-2	CCD3172-2	CCD3372-2	CCD3572-2	CCD3772-2
78 1/2" (1994) 80" (2032) 76 3/4" (1949) 76" (1930) 33 7/16" (849)							
	CCD2176-2	CCD2576-2	CCD2976-2	CCD3176-2	CCD3376-2	CCD3576-2	CCD3776-2
82 1/2" (2096) 84" (2134) 80 3/4" (2051) 80" (2032) 35 7/16" (900)							
	CCD2180-2	CCD2580-2	CCD2980-2	CCD3180-2	CCD3380-2	CCD3580-2	CCD3780-2
90 1/2" (2299) 92" (2337) 88 3/4" (2254) 88" (2235) 39 7/16" (1002)							
	CCD2188-2	CCD2588-2	CCD2988-2	CCD3188-2	CCD3388-2	CCD3588-2	CCD3788-2
94 1/2" (2400) 96" (2438) 92 3/4" (2356) 92" (2337) 41 7/16" (1053)							
	CCD2192-2	CCD2592-2	CCD2992-2	CCD3192-2	CCD3392-2	CCD3592-2	CCD3792-2
98 1/2" (2502) 100" (2540) 96 3/4" (2457) 96" (2438) 43 7/16" (1103)							
	CCD2196-2	CCD2596-2	CCD2996-2	CCD3196-2	CCD3396-2	CCD3596-2	CCD3796-2

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT.

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: 1/8" = 1'

2-WIDE UNITS

M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	86" (2184) 88 1/16" (2237) 83 1/2" (2121) 82 3/4" (2102) 35 7/16" (2)(900)(2)	94" (2388) 96 1/16" (2440) 91 1/2" (2324) 90 3/4" (2305) 39 7/16" (2)(1003)(2)	102" (2591) 104 1/16" (2643) 99 1/2" (2527) 98 3/4" (2508) 43 7/16" (2)(1103)(2)
34 1/2" (876) 36" (914) 32 3/4" (832) 32" (813) 11 7/16" (291)	 CCD4132-2	 CCD4532-2	
38 1/2" (978) 40" (1016) 36 3/4" (933) 36" (914) 13 7/16" (341)	 CCD4136-2	 CCD4536-2	
42 1/2" (1080) 44" (1118) 40 3/4" (1035) 40" (1016) 15 7/16" (392)	 CCD4140-2	 CCD4540-2	 CCD4940-2
46 1/2" (1181) 48" (1219) 44 3/4" (1137) 44" (1118) 17 7/16" (443)	 CCD4144-2	 CCD4544-2	 CCD4944-2
50 1/2" (1270) 52" (1321) 48 3/4" (1238) 48" (1219) 19 7/16" (494)	 CCD4148-2	 CCD4548-2	 CCD4948-2
54 1/2" (1384) 56" (1422) 52 3/4" (1340) 52" (1321) 21 7/16" (545)	 CCD4152-2	 CCD4552-2	 CCD4952-2
58 1/2" (1486) 60" (1524) 56 3/4" (1441) 56" (1422) 23 7/16" (595)	 CCD4156-2	 CCD4556-2	 CCD4956-2
62 1/2" (1588) 64" (1626) 60 3/4" (1543) 60" (1524) 25 7/16" (646)	 CCD4160-2	 CCD4560-2	 CCD4960-2
66 1/2" (1689) 68" (1727) 64 3/4" (1645) 64" (1626) 27 7/16" (697)	 CCD4164-2	 CCD4564-2	 CCD4964-2
70 1/2" (1791) 72" (1829) 68 3/4" (1746) 68" (1727) 29 7/16" (748)	 CCD4168-2	 CCD4568-2	 CCD4968-2

ELEVATION SYMBOL LEGEND:
M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS.
VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT.

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: 1/8" = 1'

2-WIDE UNITS

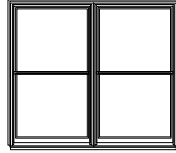
M.O. BRICKMOULD
M.O. ADAMS/FLAT CASING
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

86" (2184)
88 1/16" (2237)
83 1/2" (2121)
82 3/4" (2102)
35 7/16" (2)(900)(2)

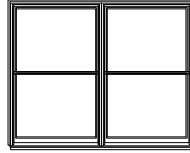
94" (2388)
96 1/16" (2440)
91 1/2" (2324)
90 3/4" (2305)
39 7/16" (2)(1003)(2)

102" (2591)
104 1/16" (2643)
99 1/2" (2527)
98 3/4" (2508)
43 7/16" (2)(1103)(2)

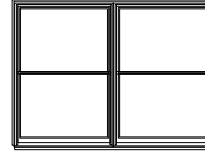
74 1/2" (1892)
76" (1930)
72 3/4" (1848)
72" (1829)
31 7/16" (799)



CCD4172-2

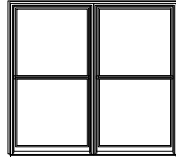


CCD4572-2

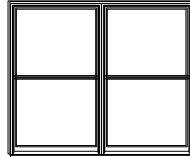


CCD4972-2

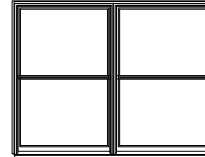
78 1/2" (1994)
80" (2032)
76 3/4" (1949)
76" (1930)
33 7/16" (849)



CCD4176-2

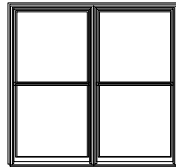


CCD4576-2

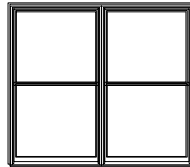


CCD4976-2

82 1/2" (2096)
84" (2134)
80 3/4" (2051)
80" (2032)
35 7/16" (900)

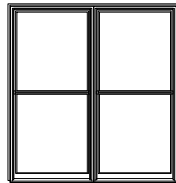


CCD4180-2



CCD4580-2

90 1/2" (2299)
92" (2337)
88 3/4" (2254)
88" (2235)
39 7/16" (1002)



CCD4188-2

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS.
VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT.

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: 1/8" = 1'

3-WIDE UNITS

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

67 3/8" (1711)
70 7/16" (1789)
64 7/8" (1648)
64 1/8" (1629)
15 7/16" [3] (392) [3]

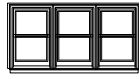
79 3/8" (2016)
82 7/16" (2094)
76 7/8" (1953)
76 1/8" (1934)
19 7/16" [3] (494) [3]

91 3/8" (2321)
94 7/16" (2399)
88 7/8" (2257)
88 1/8" (2238)
23 7/16" [3] (595) [3]

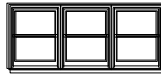
103 3/8" (2626)
106 7/16" (2704)
100 7/8" (2556)
100 1/8" (2543)
27 7/16" [3] (697) [3]

115 3/8" (2931)
118 7/16" (3008)
112 7/8" (2867)
112 1/8" (2848)
31 7/16" [3] (799) [3]

34 1/2" (876)
36" (914)
32 3/4" (832)
32" (813)
11 7/16" (291)



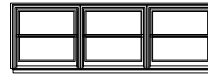
CCD2132-3



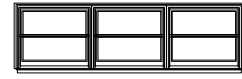
CCD2532-3



CCD2932-3



CCD3332-3



CCD3732-3

38 1/2" (978)
40" (1016)
36 3/4" (933)
36" (914)
13 7/16" (341)



CCD2136-3



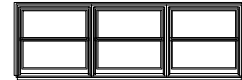
CCD2536-3



CCD2936-3



CCD3336-3



CCD3736-3

42 1/2" (1080)
44" (1118)
40 3/4" (1035)
40" (1016)
15 7/16" (392)



CCD2140-3



CCD2540-3



CCD2940-3



CCD3340-3



CCD3740-3

46 1/2" (1181)
48" (1219)
44 3/4" (1137)
44" (1118)
17 7/16" (443)



CCD2144-3



CCD2544-3



CCD2944-3



CCD3344-3



CCD3744-3

50 1/2" (1270)
52" (1321)
48 3/4" (1238)
48" (1219)
19 7/16" (494)



CCD2148-3



CCD2548-3



CCD2948-3



CCD3348-3



CCD3748-3

54 1/2" (1384)
56" (1422)
52 3/4" (1340)
52" (1321)
21 7/16" (545)



CCD2152-3



CCD2552-3



CCD2952-3



CCD3352-3



CCD3752-3

58 1/2" (1486)
60" (1524)
56 3/4" (1441)
56" (1422)
23 7/16" (595)



CCD2156-3



CCD2556-3



CCD2956-3



CCD3356-3



CCD3756-3

62 1/2" (1588)
64" (1626)
60 3/4" (1543)
60" (1524)
25 7/16" (646)



CCD2160-3



CCD2560-3



CCD2960-3



CCD3360-3



CCD3760-3

66 1/2" (1689)
68" (1727)
64 3/4" (1645)
64" (1626)
27 7/16" (697)



CCD2164-3



CCD2564-3



CCD2964-3



CCD3364-3



CCD3764-3

70 1/2" (1791)
72" (1829)
68 3/4" (1746)
68" (1727)
29 7/16" (748)



CCD2168-3



CCD2568-3



CCD2968-3



CCD3368-3



CCD3768-3

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS.
VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT.

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: 1/8" = 1'

3-WIDE UNITS

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

67 3/8" (1711)
70 7/16" (1789)
64 7/8" (1648)
64 1/8" (1629)
15 7/16" [3] (392) [3]

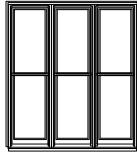
79 3/8" (2016)
82 7/16" (2094)
76 7/8" (1953)
76 1/8" (1934)
19 7/16" [3] (494) [3]

91 3/8" (2321)
94 7/16" (2399)
88 7/8" (2257)
88 1/8" (2238)
23 7/16" [3] (595) [3]

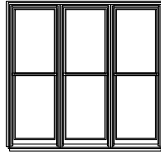
103 3/8" (2626)
106 7/16" (2704)
100 7/8" (2556)
100 1/8" (2543)
27 7/16" [3] (697) [3]

115 3/8" (2931)
118 7/16" (3008)
112 7/8" (2867)
112 1/8" (2848)
31 7/16" [3] (799) [3]

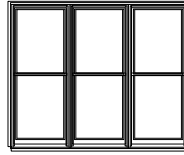
74 1/2" (1892)
76" (1930)
72 3/4" (1848)
72" (1829)
31 7/16" (799)



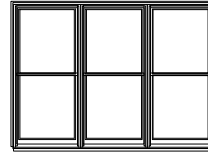
CCD2172-3



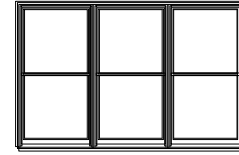
CCD2572-3



CCD2972-3



CCD3372-3

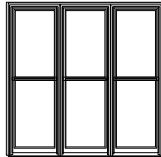


CCD3772-3

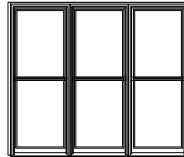
78 1/2" (1994)
80" (2032)
76 3/4" (1949)
76" (1930)
33 7/16" (849)



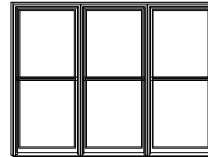
CCD2176-3



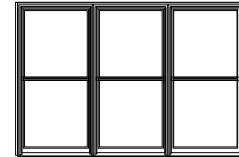
CCD2576-3



CCD2976-3



CCD3376-3

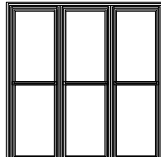


CCD3776-3

82 1/2" (2096)
84" (2134)
80 3/4" (2051)
80" (2032)
35 7/16" (900)



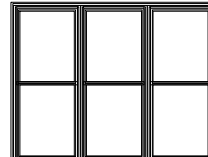
CCD2180-3



CCD2580-3



CCD2980-3



CCD3380-3

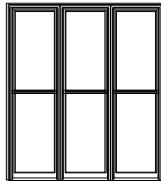


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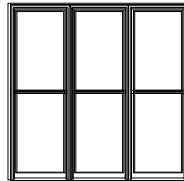
90 1/2" (2299)
92" (2337)
88 3/4" (2254)
88" (2235)
39 7/16" (1002)



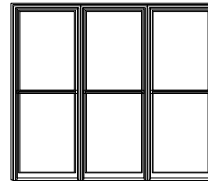
CCD2188-3



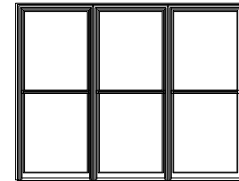
CCD2588-3



CCD2988-3



CCD3388-3

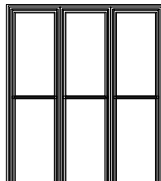


CCD3788-3

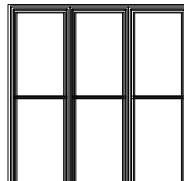
94 1/2" (2400)
96" (2438)
92 3/4" (2356)
92" (2337)
41 7/16" (1063)



CCD2192-3



CCD2592-3



CCD2992-3



CCD3392-3

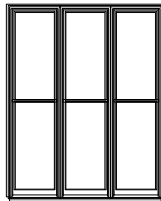


CCD3792-3

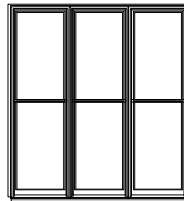
98 1/2" (2502)
100" (2540)
96 3/4" (2457)
96" (2438)
43 7/16" (1103)



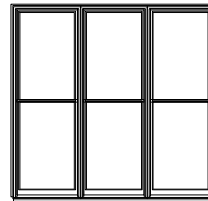
CCD2196-3



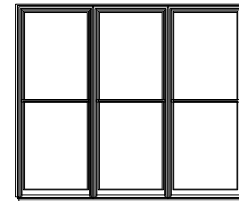
CCD2596-3



CCD2996-3



CCD3396-3



CCD3796-3

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS.
VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT.

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: 1/8" = 1'

1-WIDE COTTAGE UNITS

M.O. BRICKMOULD	24 5/8" (625)	28 5/8" (727)	32 5/8" (829)	34 5/8" (879)	36 5/8" (930)	38 5/8" (981)	40 5/8" (1032)
M.O. ADAMS/FLAT CASING	27 11/16" (703)	31 11/16" (805)	35 11/16" (906)	37 11/16" (957)	39 11/16" (1008)	41 11/16" (1059)	43 11/16" (1110)
ROUGH OPENING	22 1/8" (562)	26 1/8" (664)	30 1/8" (765)	32 1/8" (816)	34 1/8" (867)	36 1/8" (918)	38 1/8" (968)
FRAME SIZE	21 3/8" (543)	25 3/8" (645)	29 3/8" (746)	31 3/8" (797)	33 3/8" (848)	35 3/8" (899)	37 3/8" (949)
DAYLIGHT OPENING	15 7/16" (392)	19 7/16" (494)	23 7/16" (595)	25 7/16" (646)	27 7/16" (697)	29 7/16" (740)	31 7/16" (799)
50 1/2" (1270) 57 1/2" (1311) 58 1/2" (1486) 59 3/4" (1524) 60 1/2" (1541) 61 1/2" (1558) 62 1/2" (1575) 63 1/2" (1592) 64 1/2" (1609) 65 1/2" (1626) 66 1/2" (1643) 67 1/2" (1660) 68 1/2" (1677) 69 1/2" (1694) 70 1/2" (1711) 71 1/2" (1728) 72 1/2" (1745) 73 1/2" (1762) 74 1/2" (1779) 75 1/2" (1796) 76 1/2" (1813) 77 1/2" (1830) 78 1/2" (1847) 79 1/2" (1864) 80 1/2" (1881) 81 1/2" (1898) 82 1/2" (1915) 83 1/2" (1932) 84 1/2" (1949) 85 1/2" (1966) 86 1/2" (1983) 87 1/2" (2000) 88 1/2" (2017) 89 1/2" (2034) 90 1/2" (2051) 91 1/2" (2068) 92 1/2" (2085) 93 1/2" (2102) 94 1/2" (2119) 95 1/2" (2136) 96 1/2" (2153) 97 1/2" (2170) 98 1/2" (2187) 99 1/2" (2204) 100 1/2" (2221) 101 1/2" (2238) 102 1/2" (2255) 103 1/2" (2272) 104 1/2" (2289) 105 1/2" (2306) 106 1/2" (2323) 107 1/2" (2340) 108 1/2" (2357) 109 1/2" (2374) 110 1/2" (2391) 111 1/2" (2408) 112 1/2" (2425) 113 1/2" (2442) 114 1/2" (2459) 115 1/2" (2476) 116 1/2" (2493) 117 1/2" (2510) 118 1/2" (2527) 119 1/2" (2544) 120 1/2" (2561) 121 1/2" (2578) 122 1/2" (2595) 123 1/2" (2612) 124 1/2" (2629) 125 1/2" (2646) 126 1/2" (2663) 127 1/2" (2680) 128 1/2" (2697) 129 1/2" (2714) 130 1/2" (2731) 131 1/2" (2748) 132 1/2" (2765) 133 1/2" (2782) 134 1/2" (2799) 135 1/2" (2816) 136 1/2" (2833) 137 1/2" (2850) 138 1/2" (2867) 139 1/2" (2884) 140 1/2" (2901) 141 1/2" (2918) 142 1/2" (2935) 143 1/2" (2952) 144 1/2" (2969) 145 1/2" (2986) 146 1/2" (3003) 147 1/2" (3020) 148 1/2" (3037) 149 1/2" (3054) 150 1/2" (3071) 151 1/2" (3088) 152 1/2" (3105) 153 1/2" (3122) 154 1/2" (3139) 155 1/2" (3156) 156 1/2" (3173) 157 1/2" (3190) 158 1/2" (3207) 159 1/2" (3224) 160 1/2" (3241) 161 1/2" (3258) 162 1/2" (3275) 163 1/2" (3292) 164 1/2" (3309) 165 1/2" (3326) 166 1/2" (3343) 167 1/2" (3360) 168 1/2" (3377) 169 1/2" (3394) 170 1/2" (3411) 171 1/2" (3428) 172 1/2" (3445) 173 1/2" (3462) 174 1/2" (3479) 175 1/2" (3496) 176 1/2" (3513) 177 1/2" (3530) 178 1/2" (3547) 179 1/2" (3564) 180 1/2" (3581) 181 1/2" (3598) 182 1/2" (3615) 183 1/2" (3632) 184 1/2" (3649) 185 1/2" (3666) 186 1/2" (3683) 187 1/2" (3700) 188 1/2" (3717) 189 1/2" (3734) 190 1/2" (3751) 191 1/2" (3768) 192 1/2" (3785) 193 1/2" (3802) 194 1/2" (3819) 195 1/2" (3836) 196 1/2" (3853) 197 1/2" (3870) 198 1/2" (3887) 199 1/2" (3904) 200 1/2" (3921) 201 1/2" (3938) 202 1/2" (3955) 203 1/2" (3972) 204 1/2" (3989) 205 1/2" (4006) 206 1/2" (4023) 207 1/2" (4040) 208 1/2" (4057) 209 1/2" (4074) 210 1/2" (4091) 211 1/2" (4108) 212 1/2" (4125) 213 1/2" (4142) 214 1/2" (4159) 215 1/2" (4176) 216 1/2" (4193) 217 1/2" (4210) 218 1/2" (4227) 219 1/2" (4244) 220 1/2" (4261) 221 1/2" (4278) 222 1/2" (4295) 223 1/2" (4312) 224 1/2" (4329) 225 1/2" (4346) 226 1/2" (4363) 227 1/2" (4380) 228 1/2" (4397) 229 1/2" (4414) 230 1/2" (4431) 231 1/2" (4448) 232 1/2" (4465) 233 1/2" (4482) 234 1/2" (4499) 235 1/2" (4516) 236 1/2" (4533) 237 1/2" (4550) 238 1/2" (4567) 239 1/2" (4584) 240 1/2" (4601) 241 1/2" (4618) 242 1/2" (4635) 243 1/2" (4652) 244 1/2" (4669) 245 1/2" (4686) 246 1/2" (4703) 247 1/2" (4720) 248 1/2" (4737) 249 1/2" (4754) 250 1/2" (4771) 251 1/2" (4788) 252 1/2" (4805) 253 1/2" (4822) 254 1/2" (4839) 255 1/2" (4856) 256 1/2" (4873) 257 1/2" (4890) 258 1/2" (4907) 259 1/2" (4924) 260 1/2" (4941) 261 1/2" (4958) 262 1/2" (4975) 263 1/2" (4992) 264 1/2" (5009) 265 1/2" (5026) 266 1/2" (5043) 267 1/2" (5060) 268 1/2" (5077) 269 1/2" (5094) 270 1/2" (5111) 271 1/2" (5128) 272 1/2" (5145) 273 1/2" (5162) 274 1/2" (5179) 275 1/2" (5196) 276 1/2" (5213) 277 1/2" (5230) 278 1/2" (5247) 279 1/2" (5264) 280 1/2" (5281) 281 1/2" (5298) 282 1/2" (5315) 283 1/2" (5332) 284 1/2" (5349) 285 1/2" (5366) 286 1/2" (5383) 287 1/2" (5400) 288 1/2" (5417) 289 1/2" (5434) 290 1/2" (5451) 291 1/2" (5468) 292 1/2" (5485) 293 1/2" (5502) 294 1/2" (5519) 295 1/2" (5536) 296 1/2" (5553) 297 1/2" (5570) 298 1/2" (5587) 299 1/2" (5604) 300 1/2" (5621) 301 1/2" (5638) 302 1/2" (5655) 303 1/2" (5672) 304 1/2" (5689) 305 1/2" (5706) 306 1/2" (5723) 307 1/2" (5740) 308 1/2" (5757) 309 1/2" (5774) 310 1/2" (5791) 311 1/2" (5808) 312 1/2" (5825) 313 1/2" (5842) 314 1/2" (5859) 315 1/2" (5876) 316 1/2" (5893) 317 1/2" (5910) 318 1/2" (5927) 319 1/2" (5944) 320 1/2" (5961) 321 1/2" (5978) 322 1/2" (5995) 323 1/2" (6012) 324 1/2" (6029) 325 1/2" (6046) 326 1/2" (6063) 327 1/2" (6080) 328 1/2" (6097) 329 1/2" (6114) 330 1/2" (6131) 331 1/2" (6148) 332 1/2" (6165) 333 1/2" (6182) 334 1/2" (6199) 335 1/2" (6216) 336 1/2" (6233) 337 1/2" (6250) 338 1/2" (6267) 339 1/2" (6284) 340 1/2" (6301) 341 1/2" (6318) 342 1/2" (6335) 343 1/2" (6352) 344 1/2" (6369) 345 1/2" (6386) 346 1/2" (6403) 347 1/2" (6420) 348 1/2" (6437) 349 1/2" (6454) 350 1/2" (6471) 351 1/2" (6488) 352 1/2" (6505) 353 1/2" (6522) 354 1/2" (6539) 355 1/2" (6556) 356 1/2" (6573) 357 1/2" (6590) 358 1/2" (6607) 359 1/2" (6624) 360 1/2" (6641) 361 1/2" (6658) 362 1/2" (6675) 363 1/2" (6692) 364 1/2" (6709) 365 1/2" (6726) 366 1/2" (6743) 367 1/2" (6760) 368 1/2" (6777) 369 1/2" (6794) 370 1/2" (6811) 371 1/2" (6828) 372 1/2" (6845) 373 1/2" (6862) 374 1/2" (6879) 375 1/2" (6896) 376 1/2" (6913) 377 1/2" (6930) 378 1/2" (6947) 379 1/2" (6964) 380 1/2" (6981) 381 1/2" (6998) 382 1/2" (7015) 383 1/2" (7032) 384 1/2" (7049) 385 1/2" (7066) 386 1/2" (7083) 387 1/2" (7100) 388 1/2" (7117) 389 1/2" (7134) 390 1/2" (7151) 391 1/2" (7168) 392 1/2" (7185) 393 1/2" (7202) 394 1/2" (7219) 395 1/2" (7236) 396 1/2" (7253) 397 1/2" (7270) 398 1/2" (7287) 399 1/2" (7304) 400 1/2" (7321) 401 1/2" (7338) 402 1/2" (7355) 403 1/2" (7372) 404 1/2" (7389) 405 1/2" (7406) 406 1/2" (7423) 407 1/2" (7440) 408 1/2" (7457) 409 1/2" (7474) 410 1/2" (7491) 411 1/2" (7508) 412 1/2" (7525) 413 1/2" (7542) 414 1/2" (7559) 415 1/2" (7576) 416 1/2" (7593) 417 1/2" (7610) 418 1/2" (7627) 419 1/2" (7644) 420 1/2" (7661) 421 1/2" (7678) 422 1/2" (7695) 423 1/2" (7712) 424 1/2" (7729) 425 1/2" (7746) 426 1/2" (7763) 427 1/2" (7780) 428 1/2" (7797) 429 1/2" (7814) 430 1/2" (7831) 431 1/2" (7848) 432 1/2" (7865) 433 1/2" (7882) 434 1/2" (7899) 435 1/2" (7916) 436 1/2" (7933) 437 1/2" (7950) 438 1/2" (7967) 439 1/2" (7984) 440 1/2" (8001) 441 1/2" (8018) 442 1/2" (8035) 443 1/2" (8052) 444 1/2" (8069) 445 1/2" (8086) 446 1/2" (8103) 447 1/2" (8120) 448 1/2" (8137) 449 1/2" (8154) 450 1/2" (8171) 451 1/2" (8188) 452 1/2" (8205) 453 1/2" (8222) 454 1/2" (8239) 455 1/2" (8256) 456 1/2" (8273) 457 1/2" (8290) 458 1/2" (8307) 459 1/2" (8324) 460 1/2" (8341) 461 1/2" (8358) 462 1/2" (8375) 463 1/2" (8392) 464 1/2" (8409) 465 1/2" (8426) 466 1/2" (8443) 467 1/2" (8460) 468 1/2" (8477) 469 1/2" (8494) 470 1/2" (8511) 471 1/2" (8528) 472 1/2" (8545) 473 1/2" (8562) 474 1/2" (8579) 475 1/2" (8596) 476 1/2" (8613) 477 1/2" (8630) 478 1/2" (8647) 479 1/2" (8664) 480 1/2" (8681) 481 1/2" (8698) 482 1/2" (8715) 483 1/2" (8732) 484 1/2" (8749) 485 1/2" (8766) 486 1/2" (8783) 487 1/2" (8800) 488 1/2" (8817) 489 1/2" (8834) 490 1/2" (8851) 491 1/2" (8868) 492 1/2" (8885) 493 1/2" (8902) 494 1/2" (8919) 495 1/2" (8936) 496 1/2" (8953) 497 1/2" (8970) 498 1/2" (8987) 499 1/2" (9004) 500 1/2" (9021) 501 1/2" (9038) 502 1/2" (9055) 503 1/2" (9072) 504 1/2" (9089) 505 1/2" (9106) 506 1/2" (9123) 507 1/2" (9140) 508 1/2" (9157) 509 1/2" (9174) 510 1/2" (9191) 511 1/2" (9208) 512 1/2" (9225) 513 1/2" (9242) 514 1/2" (9259) 515 1/2" (9276) 516 1/2" (9293) 517 1/2" (9310) 518 1/2" (9327) 519 1/2" (9344) 520 1/2" (9361) 521 1/2" (9378) 522 1/2" (9395) 523 1/2" (9412) 524 1/2" (9429) 525 1/2" (9446) 526 1/2" (9463) 527 1/2" (9480) 528 1/2" (9497) 529 1/2" (9514) 530 1/2" (9531) 531 1/2" (9548) 532 1/2" (9565) 533 1/2" (9582) 534 1/2" (9599) 535 1/2" (9616) 536 1/2" (9633) 537 1/2" (9650) 538 1/2" (9667) 539 1/2" (9684) 540 1/2" (9701) 541 1/2" (9718) 542 1/2" (9735) 543 1/2" (9752) 544 1/2" (9769) 545 1/2" (9786) 546 1/2" (9803) 547 1/2" (9820) 548 1/2" (9837) 549 1/2" (9854) 550 1/2" (9871) 551 1/2" (9888) 552 1/2" (9905) 553 1/2" (9922) 554 1/2" (9939) 555 1/2" (9956) 556 1/2" (9973) 557 1/2" (9990) 558 1/2" (10007) 559 1/2" (10024) 560 1/2" (10041) 561 1/2" (10058) 562 1/2" (10075) 563 1/2" (10092) 564 1/2" (10109) 565 1/2" (10126) 566 1/2" (10143) 567 1/2" (10160) 568 1/2" (10177) 569 1/2" (10194) 570 1/2" (10211) 571 1/2" (10228) 572 1/2" (10245) 573 1/2" (10262) 574 1/2" (10279) 575 1/2" (10296) 576 1/2" (10313) 577 1/2" (10330) 578 1/2" (10347) 579 1/2" (10364) 580 1/2" (10381) 581 1/2" (10398) 582 1/2" (10415) 583 1/2" (10432) 584 1/2" (10449) 585 1/2" (10466) 586 1/2" (10483) 587 1/2" (10500) 588 1/2" (10517) 589 1/2" (10534) 590 1/2" (10551) 591 1/2" (10568) 592 1/2" (10585) 593 1/2" (10602) 594 1/2" (10619) 595 1/2" (10636) 596 1/2" (10653) 597 1/2" (10670) 598 1/2" (10687) 599 1/2" (10704) 600 1/2" (10721) 601 1/2" (10738) 602 1/2" (10755) 603 1/2" (10772) 604 1/2" (10789) 605 1/2" (10806) 606 1/2" (10823) 607 1/2" (10840) 608 1/2" (10857) 609 1/2" (10874) 610 1/2" (10891) 611 1/2" (10908) 612 1/2" (10925) 613 1/2" (10942) 614 1/2" (10959) 615 1/2" (10976) 616 1/2" (10993) 617 1/2" (11010) 618 1/2" (11027) 619 1/2" (11044) 620 1/2" (11061) 621 1/2" (11078) 622 1/2" (11095) 623 1/2" (11112) 624 1/2" (11129) 625 1/2" (11146) 626 1/2" (11163) 627 1/2" (11180) 628 1/2" (11197) 629 1/2" (11214) 630 1/2" (11231) 631 1/2" (11248) 632 1/2" (11265) 633 1/2" (11282) 634 1/2" (11299) 635 1/2" (11316) 636 1/2" (11333) 637 1/2" (11350) 638 1/2" (11367) 639 1/2" (11384) 640 1/2" (11401) 641 1/2" (11418) 642 1/2" (11435) 643 1/2" (11452) 644 1/2" (11469) 645 1/2" (11486) 646 1/2" (11503) 647 1/2" (11520) 648 1/2" (11537) 649 1/2" (11554) 650 1/2" (11571) 651 1/2" (11588) 652 1/2" (11605) 653 1/2" (11622) 654 1/2" (11639) 655 1/2" (11656) 656 1/2" (11673) 657 1/2" (11690) 658 1/2" (11707) 659 1/2" (11724) 660 1/2" (11741) 661 1/2" (11758) 662 1/2" (11775) 663 1/2" (11792) 664 1/2" (11809) 665 1/2" (11826) 666 1/2" (11843) 667 1/2" (11860) 668 1/2" (11877) 669 1/2" (11894) 670 1/2" (11911) 671 1/2" (11928) 672 1/2" (11945) 673 1/2" (11962) 674 1/2" (11979) 675 1/2" (11996) 676 1/2" (12013) 677 1/2" (12030) 678 1/2" (12047) 679 1/2" (12064) 680 1/2" (12081) 681 1/2" (12098) 682 1/2" (12115) 683 1/2" (12132) 684 1/2" (12149) 685 1/2" (12166) 686 1/2" (12183) 687 1/2" (12200) 688 1/2" (12217) 689 1/2" (12234) 690 1/2" (12251) 691 1/2" (12268) 692 1/2" (12285) 693 1/2" (12302) 694 1/2" (12319) 695 1/2" (12336) 696 1/2" (12353) 697 1/2" (12370) 698 1/2" (12387) 699 1/2" (12404) 700 1/2" (12421) 701 1/2" (12438) 702 1/2" (12455) 703 1/2" (12472) 704 1/2" (12489) 705 1/2" (12506) 706 1/2" (12523) 707 1/2" (12540) 708 1/2" (12557) 709 1/2" (12574) 710 1/2" (12591) 711 1/2" (12608) 712 1/2" (12625) 713 1/2" (12642) 714 1/2" (12659) 715 1/2" (12676) 716 1/2" (12693) 717 1/2" (12710) 718 1/2" (12727) 719 1/2" (12744) 720 1/2" (12761) 721 1/2" (12778) 722 1/2" (12795) 723 1/2" (12812) 724 1/2" (12829) 725 1/2" (12846) 726 1/2" (12863) 727 1/2" (12880) 728 1/2" (12897) 729 1/2" (12914) 730 1/2" (12931) 731 1/2" (12948) 732 1/2" (12965) 733 1/2" (12982) 734 1/2" (13000) 735 1/2" (13017) 736 1/2" (13034) 737 1/2" (13051) 738 1/2" (13068) 739 1/2" (13085) 740 1/2" (13102) 741 1/2" (13119) 742 1/2" (13136) 743 1/2" (13153) 744 1/2" (13170) 745 1/2" (13187) 746 1/2" (13204) 747 1/2" (13221) 748 1/2" (13238) 749 1/2" (13255) 750 1/2" (13272) 751 1/2" (13289) 752 1/2" (13306) 753 1/2" (13323) 754 1/2" (13340) 755 1/2" (13357) 756 1/2" (13374) 757 1/2" (13391) 758 1/2" (13408) 759 1/2" (13425) 760 1/2" (13442) 761 1/2" (13459) 762 1/2" (13476) 763 1/2" (13493) 764 1/2" (13510) 765 1/2" (13527) 766 1							

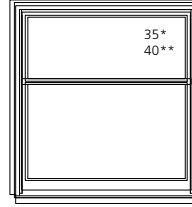
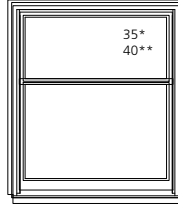
1-WIDE COTTAGE UNITS

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

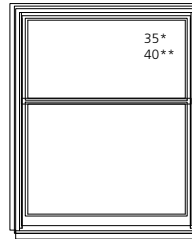
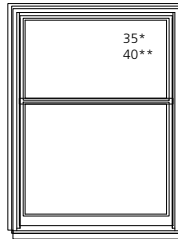
44 5/8" (1133)
47 11/16" (1211)
42 1/8" (1070)
41 3/8" (1051)
35 7/16" (900)

48 5/8" (1235)
51 11/16" (1313)
46 1/8" (1172)
45 3/8" (1153)
39 7/16" (1002)

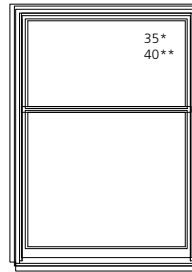
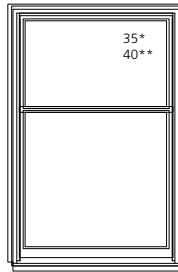
50 1/2" (1270)
52" (1321)
48 3/4" (1238)
48" (1219)
15 7/16" (392)
23 7/16" (595)



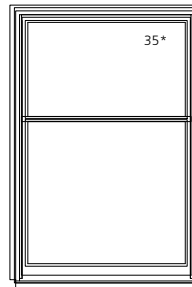
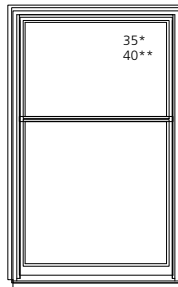
58 1/2" (1486)
60" (1524)
56 3/4" (1441)
56" (1422)
19 7/16" (494)
27 7/16" (697)



66 1/2" (1689)
68" (1727)
64 3/4" (1645)
64" (1626)
21 7/16" (545)
33 7/16" (849)



70 1/2" (1791)
72" (1829)
68 3/4" (1746)
68" (1727)
23 7/16" (595)
35 7/16" (900)



ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

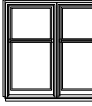
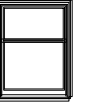
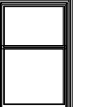
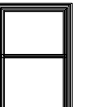
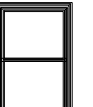
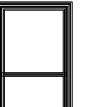
*** NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.

**** REQUIRES APPLICATION OF STOOL FOR WATER RESISTANCE. THIS APPLICATION REDUCES CLEAR OPENING VERTICALLY. STOOL ADDS 3/8" [10] MINIMUM TO HEIGHT OF INTERIOR SILL STOP.

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'

2-WIDE COTTAGE UNITS

M.O. BRICKMOLD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	46" (1168) 49 1/16" (1246) 43 1/2" (1105) 42 3/4" (1086) 15 7/16" (2)(392)(2)	54" (1372) 57 1/16" (1449) 51 1/2" (1308) 50 3/4" (1289) 19 7/16" (2)(494)(2)	62" (1575) 64 1/16" (1627) 59 1/2" (1511) 58 3/4" (1492) 23 7/16" (2)(595)(2)	66" (1676) 68 1/16" (1729) 63 1/2" (1613) 62 3/4" (1594) 25 7/16" (2)(646)(2)	70" (1778) 72 1/16" (1830) 67 1/2" (1715) 66 3/4" (1695) 27 7/16" (2)(697)(2)	74" (1880) 76 1/16" (1932) 71 1/2" (1816) 70 3/4" (1797) 29 7/16" (2)(748)(2)	78" (1981) 80 1/16" (2034) 75 1/2" (1918) 74 3/4" (1899) 31 7/16" (2)(799)(2)
50 1/2" (1270) 52" (1321) 48 3/4" (1238) 48" (1219) 15 7/16" (392) 23 7/16" (595)							
	CCD2148C24-2	CCD2548C24-2	CCD2948C24-2	CCD3148C24-2	CCD3348C24-2	CCD3548C24-2	CCD3748C24-2
58 1/2" (1486) 60" (1524) 56 3/4" (1441) 56" (1422) 19 7/16" (494) 27 7/16" (697)							
	CCD2156C28-2	CCD2556C28-2	CCD2956C28-2	CCD3156C28-2	CCD3356C28-2	CCD3556C28-2	CCD3756C28-2
66 1/2" (1689) 68" (1727) 64 3/4" (1645) 64" (1626) 21 7/16" (545) 33 7/16" (849)							
	CCD2164C34-2	CCD2564C34-2	CCD2964C34-2	CCD3164C34-2	CCD3364C34-2	CCD3564C34-2	CCD3764C34-2
70 1/2" (1791) 72" (1829) 68 3/4" (1746) 68" (1727) 23 7/16" (595) 35 7/16" (900)							
	CCD2168C36-2	CCD2568C36-2	CCD2968C36-2	CCD3168C36-2	CCD3368C36-2	CCD3568C36-2	CCD3768C36-2
82 1/2" (2096) 84" (2134) 80 3/4" (2051) 80" (2032) 31 7/16" (799) 39 7/16" (1002)							
	CCD2180C40-2	CCD2580C40-2	CCD2980C40-2	CCD3180C40-2	CCD3380C40-2	CCD3580C40-2	CCD3780C40-2

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

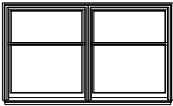
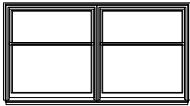
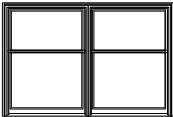
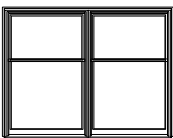
VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT.

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.

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: 1/8" = 1'

2-WIDE COTTAGE UNITS

M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	86" (2184) 88 1/16" (2237) 83 1/2" (2121) 82 3/4" (2102) 35 7/16" (2)(900)(2)	94" (2388) 96 1/16" (2440) 91 1/2" (2324) 90 3/4" (2305) 39 7/16" (2)(1002)(2)
50 1/2" (1270) 52" (1321) 48 3/4" (1238) 48" (1219) 15 7/16" (392) 23 7/16" (595)		
	CCD4148C24-2	CCD4548C24-2
58 1/2" (1486) 60" (1524) 56 3/4" (1441) 56" (1422) 19 7/16" (494) 27 7/16" (697)		
	CCD4156C28-2	CCD4556C28-2
66 1/2" (1689) 68" (1727) 64 3/4" (1645) 64" (1626) 21 7/16" (545) 33 7/16" (849)		
	CCD4164C34-2	CCD4564C34-2
70 1/2" (1791) 72" (1829) 68 3/4" (1746) 68" (1727) 23 7/16" (595) 35 7/16" (900)		
	CCD4168C36-2	CCD4568C36-2

ELEVATION SYMBOL LEGEND:

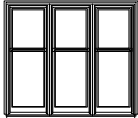
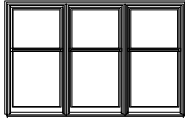
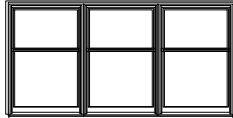
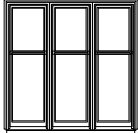
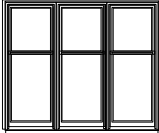
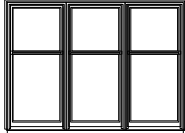
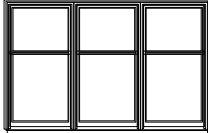
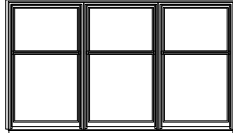
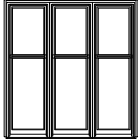
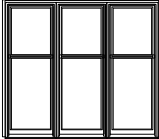
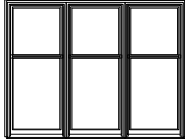
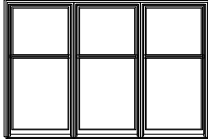
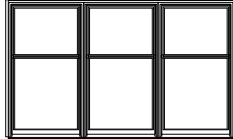
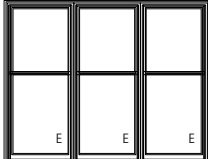
M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT.

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.

3-WIDE COTTAGE UNITS

M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	67 6/8" (1711) 70 7/16" (1789) 64 7/8" (1648) 64 1/8" (1629) 15 7/16" [3] (392) [3]	79 6/8" (2016) 82 7/16" (2094) 76 7/8" (1953) 76 1/8" (1934) 19 7/16" [3] (494) [3]	91 6/8" (2321) 94 7/16" (2399) 88 7/8" (2257) 88 1/8" (2238) 23 7/16" [3] (595) [3]	103 6/8" (2626) 106 7/16" (2704) 100 7/8" (2556) 100 1/8" (2543) 27 7/16" [3] (697) [3]	115 6/8" (2931) 118 7/16" (3008) 112 7/8" (2867) 112 1/8" (2848) 31 7/16" [3] (799) [3]
50 1/2" (1270) 52 (1321) 48 3/4" (1238) 48 (1230) 15 1/8" (381) 23 7/16" (595)					
	CCD2148C24-3	CCD2548C24-3	CCD2948C24-3	CCD3348C24-3	CCD3748C24-3
58 1/2" (1486) 60 (1524) 56 3/4" (1441) 56 (1428) 19 1/8" (483) 27 7/16" (697)					
	CCD2156C28-3	CCD2556C28-3	CCD2956C28-3	CCD3356C28-3	CCD3756C28-3
66 1/2" (1689) 68 (1727) 64 3/4" (1645) 64 (1626) 21 1/8" (533) 33 7/16" (849)					
	CCD2164C34-3	CCD2564C34-3	CCD2964C34-3	CCD3364C34-3	CCD3764C34-3
70 1/2" (1791) 72 (1829) 68 3/4" (1746) 68 (1726) 23 1/8" (584) 35 7/16" (900)					
	CCD2168C36-3	CCD2568C36-3	CCD2968C36-3	CCD3368C36-3	CCD3768C36-3
82 1/2" (2096) 84 (2134) 80 3/4" (2051) 80 (2032) 31 1/8" (789) 39 7/16" (1002)					
	CCD2180C40-3	CCD2580C40-3	CCD2980C40-3	CCD3380C40-3	CCD3780C40-3

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

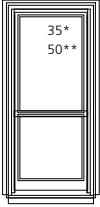
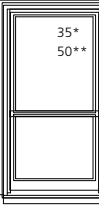
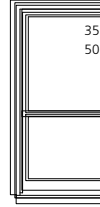
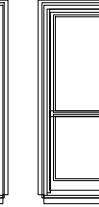
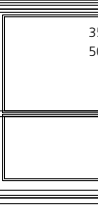
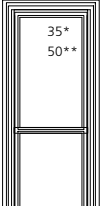
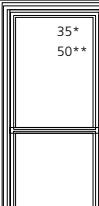
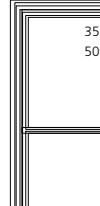
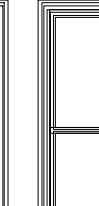
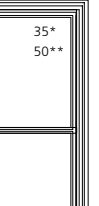
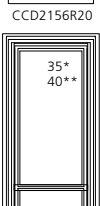
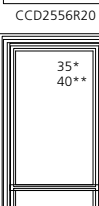
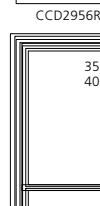
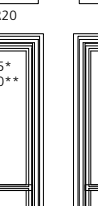
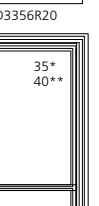
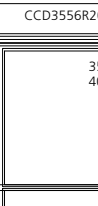
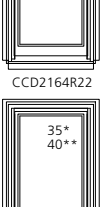
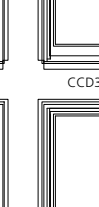
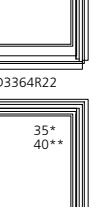
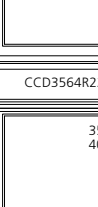
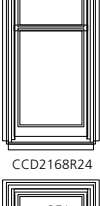
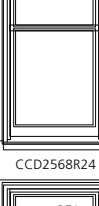
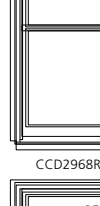
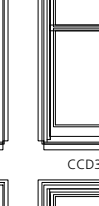
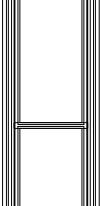
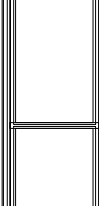
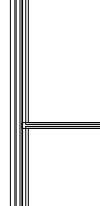
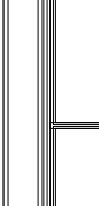
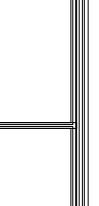
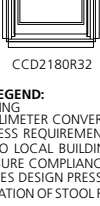
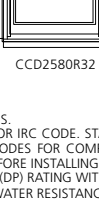
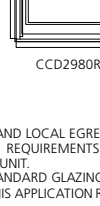
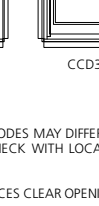
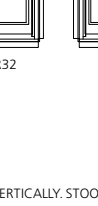
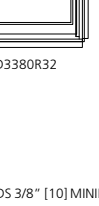
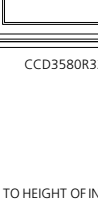
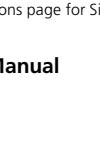
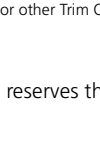
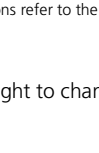
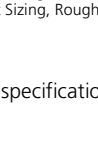
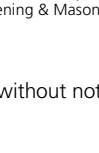
VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT.

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.

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: 1/8" = 1'

1-WIDE REVERSE COTTAGE UNITS

M.O. BRICKMOUND	24 5/8" (625)	28 5/8" (727)	32 5/8" (829)	34 5/8" (879)	36 5/8" (930)	38 5/8" (981)	40 5/8" (1032)
M.O. ADAMS/FLAT CASING	27 11/16" (703)	31 11/16" (805)	35 11/16" (906)	37 11/16" (957)	39 11/16" (1008)	41 11/16" (1059)	43 11/16" (1110)
ROUGH OPENING	22 1/8" (562)	26 1/8" (664)	30 1/8" (765)	32 1/8" (816)	34 1/8" (867)	36 1/8" (918)	38 1/8" (968)
FRAME SIZE	21 3/8" (543)	25 3/8" (645)	29 3/8" (746)	31 3/8" (797)	33 3/8" (848)	35 3/8" (899)	37 3/8" (949)
DAYLIGHT OPENING	15 7/16" (392)	19 7/16" (494)	23 7/16" (595)	25 7/16" (646)	27 7/16" (697)	29 7/16" (740)	31 7/16" (799)
50 1/2" (1270) 52" (1321) 48" (1219) 48" (1219) 23 7/16" (595) 15 7/16" (392)							
	CCD2148R16	CCD2548R16	CCD2948R16	CCD3148R16	CCD3348R16	CCD3548R16	CCD3748R16
							
	CCD2156R20	CCD2556R20	CCD2956R20	CCD3156R20	CCD3356R20	CCD3556R20	CCD3756R20
							
	CCD2164R22	CCD2564R22	CCD2964R22	CCD3164R22	CCD3364R22	CCD3564R22	CCD3764R22
66 1/2" (1689) 68" (1727) 64" (1625) 64" (1625) 33 7/16" (849) 21 7/16" (545)							
	CCD2168R24	CCD2568R24	CCD2968R24	CCD3168R24	CCD3368R24	CCD3568R24	CCD3768R24
							
	CCD2180R32	CCD2580R32	CCD2980R32	CCD3180R32	CCD3380R32	CCD3580R32	CCD3780R32
							
	CCD2180R32	CCD2580R32	CCD2980R32	CCD3180R32	CCD3380R32	CCD3580R32	CCD3780R32
80 1/2" (2056) 84" (2134) 80" (2032) 80" (2032) 39 7/16" (1002) 31 7/16" (799)							
	CCD2180R32	CCD2580R32	CCD2980R32	CCD3180R32	CCD3380R32	CCD3580R32	CCD3780R32
							
	CCD2180R32	CCD2580R32	CCD2980R32	CCD3180R32	CCD3380R32	CCD3580R32	CCD3780R32
	CCD2180R32	CCD2580R32	CCD2980R32	CCD3180R32	CCD3380R32	CCD3580R32	CCD3780R32

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

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.

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

*** REQUIRES APPLICATION OF STOOL FOR WATER RESISTANCE. THIS APPLICATION REDUCES CLEAR OPENING VERTICALLY. STOOL ADDS 3/8" [10] MINIMUM TO HEIGHT OF INTERIOR SILL STOP.

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'

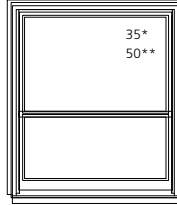
1-WIDE REVERSE COTTAGE UNITS

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

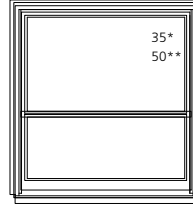
44 5/8" (1133)
47 11/16" (1211)
42 1/8" (1070)
41 3/8" (1051)
35 7/16" (900)

48 5/8" (1235)
51 11/16" (1313)
46 1/8" (1172)
45 3/8" (1153)
39 7/16" (1002)

50 1/2" (1270)
52" (1321)
48 3/4" (1238)
48" (1219)
23 7/16" (595)
15 7/16" (392)

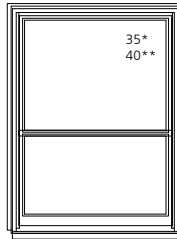


CCD4148R16

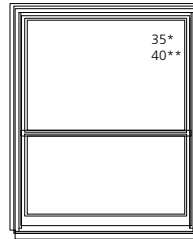


CCD4548R16

58 1/2" (1486)
60" (1524)
56 3/4" (1441)
56" (1422)
27 7/16" (697)
19 7/16" (494)

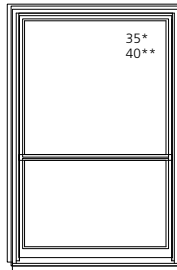


CCD4156R20

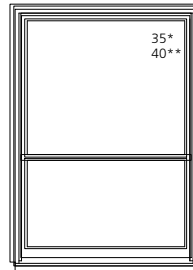


CCD4556R20

66 1/2" (1689)
68" (1727)
64 3/4" (1645)
64" (1626)
33 7/16" (849)
21 7/16" (545)

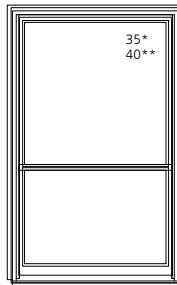


CCD4164R22

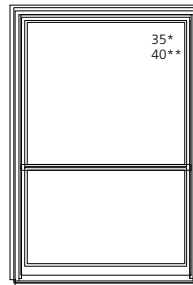


CCD4564R22

70 1/2" (1791)
72" (1829)
68 3/4" (1746)
68" (1727)
35 7/16" (900)
23 7/16" (595)



CCD4168R24



CCD4568R24

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

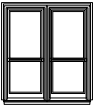
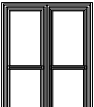
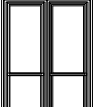
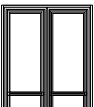
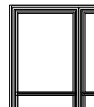
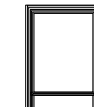
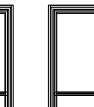
*** NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.

**** REQUIRES APPLICATION OF STOOL FOR WATER RESISTANCE. THIS APPLICATION REDUCES CLEAR OPENING VERTICALLY. STOOL ADDS 3/8" [10] MINIMUM TO HEIGHT OF INTERIOR SILL STOP.

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'

2-WIDE REVERSE COTTAGE UNITS

M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	46" (1168) 49 1/16" (1246) 43 1/2" (1105) 42 3/4" (1086) 15 7/16" [2] (392) [2]	54" (1372) 57 1/16" (1449) 51 1/2" (1308) 50 3/4" (1289) 19 7/16" [2] (494) [2]	62" (1575) 64 1/16" (1627) 59 1/2" (1511) 58 3/4" (1492) 23 7/16" [2] (595) [2]	66" (1676) 68 1/16" (1729) 63 1/2" (1613) 62 3/4" (1594) 25 7/16" [2] (646) [2]	70" (1778) 72 1/16" (1830) 67 1/2" (1715) 66 3/4" (1695) 27 7/16" [2] (697) [2]	74" (1880) 76 1/16" (1932) 71 1/2" (1816) 70 3/4" (1797) 29 7/16" [2] (748) [2]	78" (1981) 80 1/16" (2034) 75 1/2" (1918) 74 3/4" (1899) 31 7/16" [2] (799) [2]
50 1/2" (1270) 52" (1321) 48 3/4" (1238) 48" (1219) 23 7/16" (595) 15 7/16" (392)							
	CCD2148R16-2	CCD2548R16-2	CCD2948R16-2	CCD3148R16-2	CCD3348R16-2	CCD3548R16-2	CCD3748R16-2
58 1/2" (1486) 60" (1524) 56 3/4" (1441) 56" (1422) 27 7/16" (697) 19 7/16" (494)							
	CCD2156R20-2	CCD2556R20-2	CCD2956R20-2	CCD3156R20-2	CCD3356R20-2	CCD3556R20-2	CCD3756R20-2
66 1/2" (1689) 68" (1727) 64 3/4" (1645) 64" (1626) 33 7/16" (849) 21 7/16" (545)							
	CCD2164R22-2	CCD2564R22-2	CCD2964R22-2	CCD3164R22-2	CCD3364R22-2	CCD3564R22-2	CCD3764R22-2
70 1/2" (1791) 72" (1829) 68 3/4" (1746) 68" (1727) 35 7/16" (900) 23 7/16" (595)							
	CCD2168R24-2	CCD2568R24-2	CCD2968R24-2	CCD3168R24-2	CCD3368R24-2	CCD3568R24-2	CCD3768R24-2
82 1/2" (2096) 84" (2134) 80 3/4" (2051) 80" (2032) 39 7/16" (1002) 31 7/16" (799)							
	CCD2180R32-2	CCD2580R32-2	CCD2980R32-2	CCD3180R32-2	CCD3380R32-2	CCD3580R32-2	CCD3780R32-2

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT.

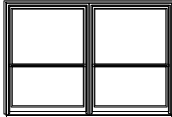
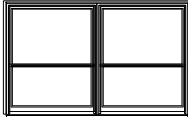
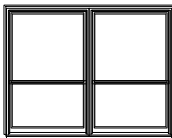
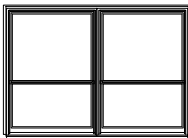
E UNIT MEETS EGRESS REQUIREMENTS FOR IRC CODE. STATE AND LOCAL EGRESS CODES MAY DIFFER. ALWAYS REFER TO LOCAL BUILDING CODES FOR COMPLETE REQUIREMENTS.

CHECK WITH LOCAL OFFICIALS TO ENSURE COMPLIANCE BEFORE INSTALLING THE UNIT.

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: 1/8" = 1'

2-WIDE REVERSE COTTAGE UNITS

M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	86"(2184) 88 1/16"(2237) 83 1/2"(2121) 82 3/4"(2102) 35 7/16"[2](900)[2]	94"(2388) 96 1/16"(2440) 91 1/2"(2324) 90 3/4"(2305) 39 7/16"[2](1002)[2]
50 1/2"(1270) 52"(1321) 48 3/4"(1238) 48"(1219) 23 7/16"(595) 15 7/16"(392)		
	CCD4148R16-2	CCD4548R16-2
58 1/2"(1486) 60"(1524) 56 3/4"(1441) 56"(1422) 27 7/16"(697) 19 7/16"(494)		
	CCD4156R20-2	CCD4556R20-2
66 1/2"(1689) 68"(1727) 64 3/4"(1645) 64"(1626) 33 7/16"(849) 21 7/16"(545)		
	CCD4164R22-2	CCD4564R22-2
70 1/2"(1791) 72"(1829) 68 3/4"(1746) 68"(1727) 35 7/16"(900) 23 7/16"(595)		
	CCD4168R24-2	CCD4568R24-2

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT.

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.

3-WIDE REVERSE COTTAGE UNITS

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

67 6/8" (1711)
 70 7/16" (1789)
 64 7/8" (1648)
 64 1/8" (1629)
 15 7/16" [3](392)[3]

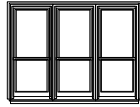
79 6/8" (2016)
 82 7/16" (2094)
 76 7/8" (1953)
 76 1/8" (1934)
 19 7/16" [3](494)[3]

91 6/8" (2321)
 94 7/16" (2399)
 88 7/8" (2257)
 88 1/8" (2238)
 23 7/16" [3](595)[3]

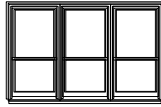
103 6/8" (2626)
 106 7/16" (2704)
 100 7/8" (2556)
 100 1/8" (2543)
 27 7/16" [3](697)[3]

115 6/8" (2931)
 118 7/16" (3008)
 112 7/8" (2867)
 112 1/8" (2848)
 31 7/16" [3](799)[3]

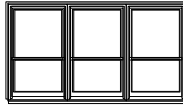
50 1/2" (1270)
 52" (1321)
 48 3/4" (1238)
 48" (1219)
 23 7/16" (595)
 15 7/16" (392)



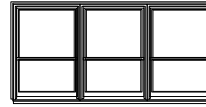
CCD2148R16-3



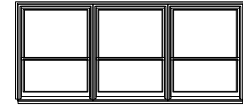
CCD2548R16-3



CCD2948R16-3



CCD3348R16-3



CCD3748R16-3

58 1/2" (1486)
 60" (1524)
 56 3/4" (1441)
 56" (1422)
 27 7/16" (697)
 19 7/16" (494)



CCD2156R20-3



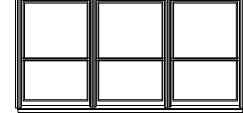
CCD2556R20-3



CCD2956R20-3



CCD3356R20-3



CCD3756R20-3

66 1/2" (1689)
 68" (1727)
 64 3/4" (1645)
 64" (1626)
 33 7/16" (849)
 21 7/16" (545)



CCD2164R22-3



CCD2564R22-3



CCD2964R22-3



CCD3364R22-3



CCD3764R22-3

70 1/2" (1791)
 72" (1829)
 68 3/4" (1746)
 68" (1727)
 35 7/16" (900)
 23 7/16" (595)



CCD2168R24-3



CCD2568R24-3



CCD2968R24-3



CCD3368R24-3



CCD3768R24-3

82 1/2" (2096)
 84" (2134)
 80 3/4" (2051)
 80" (2032)
 39 7/16" (1002)
 31 7/16" (799)



CCD2180R32-3



CCD2580R32-3



CCD2980R32-3



CCD3380R32-3



CCD3780R32-3

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT.

E UNIT MEETS EGRESS REQUIREMENTS FOR IRC CODE. STATE AND LOCAL EGRESS CODES MAY DIFFER. ALWAYS REFER TO LOCAL BUILDING CODES FOR COMPLETE REQUIREMENTS.

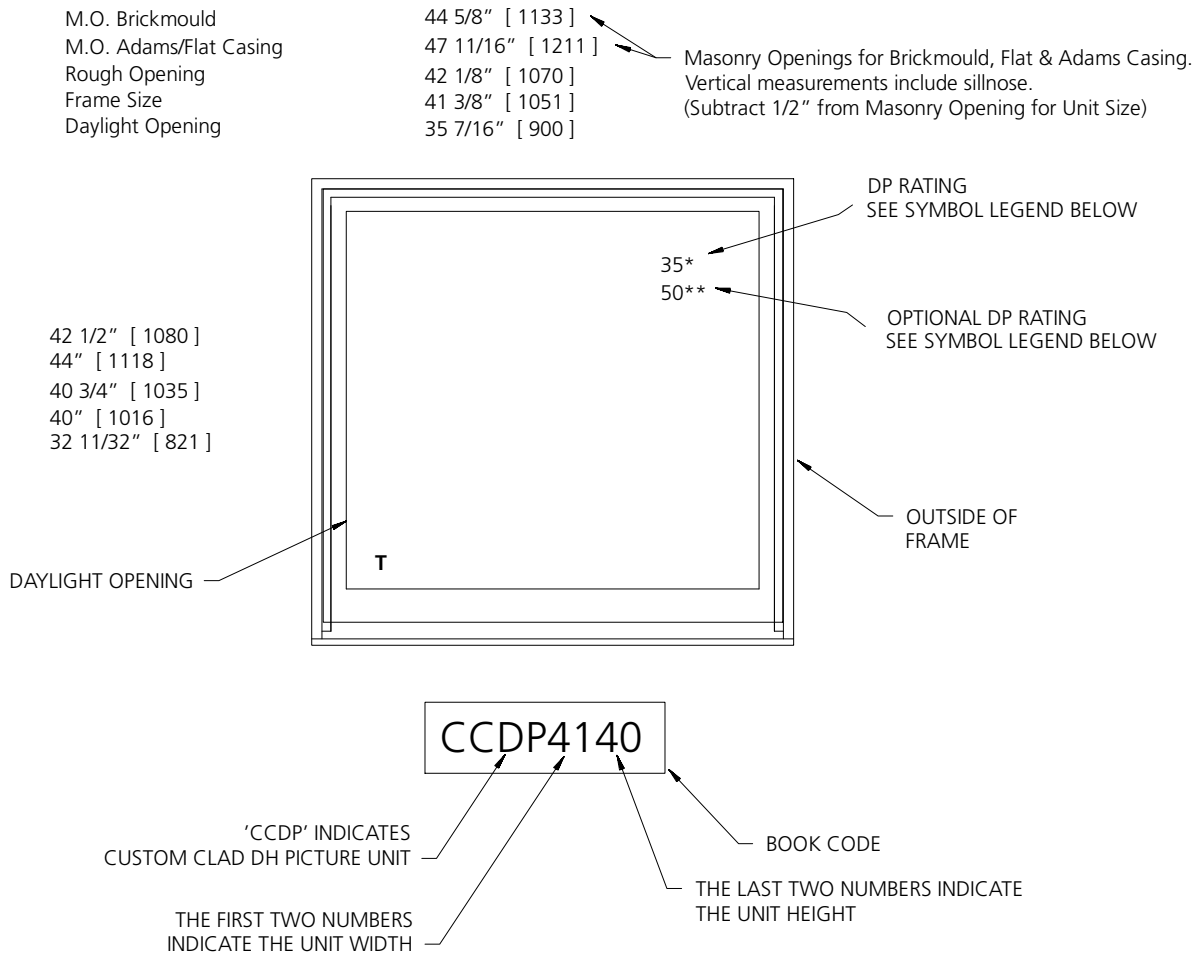
CHECK WITH LOCAL OFFICIALS TO ENSURE COMPLIANCE BEFORE INSTALLING THE UNIT.

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: 1/8" = 1'

ELEVATION NOTES
DOUBLE-HUNG PICTURE

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 DOUBLE-HUNG PICTURE NOTES

1. ALL UNITS SHOWN ARE AVAILABLE AS STATIONARY ONLY.
2. UNIT ELEVATIONS ARE SHOWN WITHOUT EXTERIOR TRIM.
3. 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.
- T** BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.
- ##*** NUMBER INDICATES STANDARD DESIGN PRESSURE (DP) RATING.
- ***** NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.

PICTURE UNITS

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

44 5/8" (1133)
 47 11/16" (1211)
 42 1/8" (1070)
 14 3/8" (1051)
 35 7/16" (900)

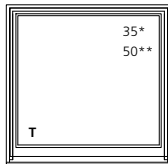
48 5/8" (1235)
 51 11/16" (1313)
 46 1/8" (1172)
 45 3/8" (1153)
 39 7/16" (1002)

52 5/8" (1337)
 55 11/16" (1414)
 50 1/8" (1273)
 49 3/8" (1254)
 43 7/16" (1103)

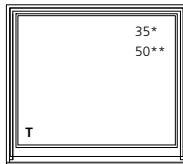
56 5/8" (1438)
 59 11/16" (1516)
 54 1/8" (1375)
 53 3/8" (1356)
 47 7/16" (1205)

64 5/8" (1641)
 67 11/16" (1719)
 62 1/8" (1578)
 61 3/8" (1559)
 55 7/16" (1408)

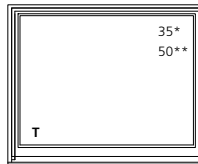
42 1/2" (1080)
 44" (1118)
 40 3/4" (1035)
 40 1/8" (1018)
 32 11/32" (821)



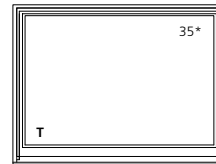
CCDP4140



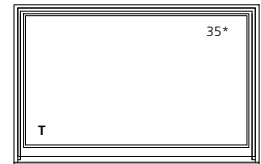
CCDP4540



CCDP4940

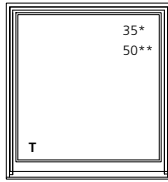


CCDP5340

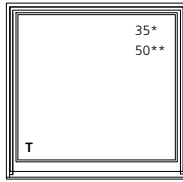


CCDP6140

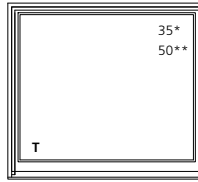
46 1/2" (1181)
 48 1/2" (1219)
 44 3/4" (1137)
 44 1/8" (1120)
 36 11/32" (923)



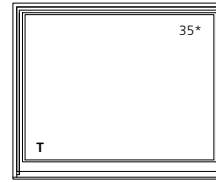
CCDP4144



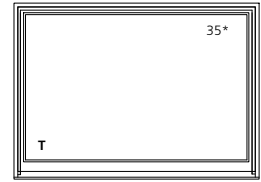
CCDP4544



CCDP4944

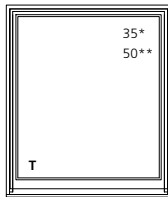


CCDP5344

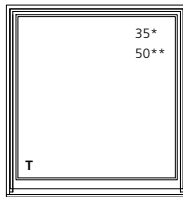


CCDP6144

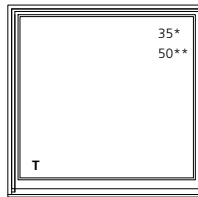
50 1/2" (1270)
 52 1/2" (1321)
 48 3/4" (1238)
 48 1/8" (1219)
 40 11/32" (1025)



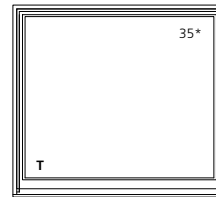
CCDP4148



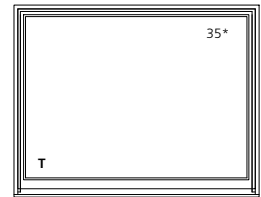
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CCDP4948

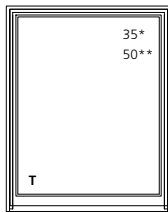


CCDP5348

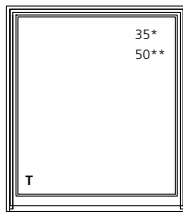


CCDP6148

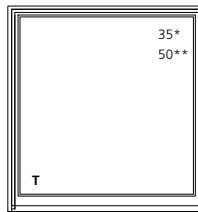
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 56 1/2" (1422)
 53 3/4" (1340)
 53 1/8" (1327)
 44 11/32" (1126)



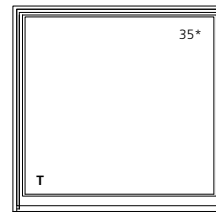
CCDP4152



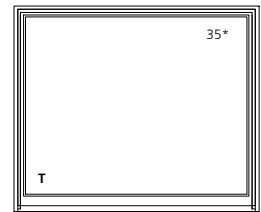
CCDP4552



CCDP4952

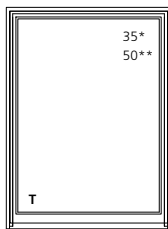


CCDP5352

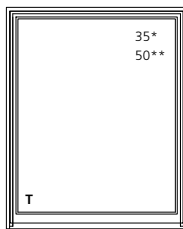


CCDP6152

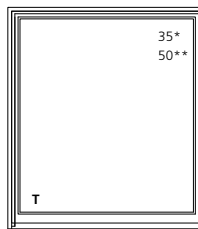
58 1/2" (1486)
 60 1/2" (1524)
 56 3/4" (1441)
 56 1/8" (1422)
 48 11/32" (1228)



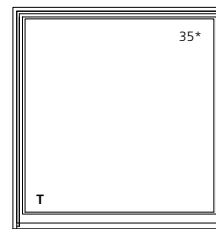
CCDP4156



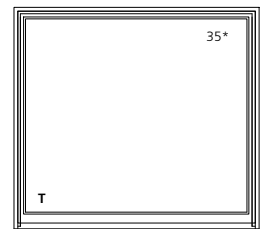
CCDP4556



CCDP4956

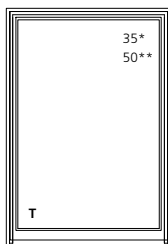


CCDP5356

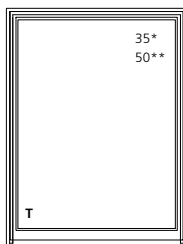


CCDP6156

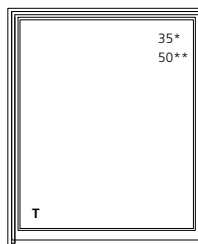
62 1/2" (1588)
 64 1/2" (1626)
 60 3/4" (1543)
 60 1/8" (1524)
 52 11/32" (1329)



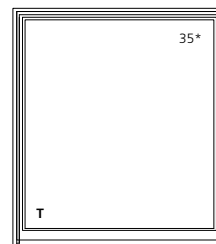
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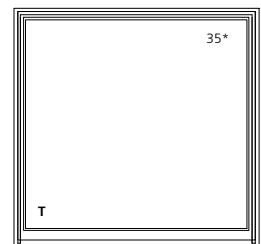
CCDP4560



CCDP4960



CCDP5360



CCDP6160

ELEVATION SYMBOL LEGEND:

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

T BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.

NUMBER INDICATES STANDARD DESIGN PRESSURE (DP) RATING.

NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.

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'

PICTURE UNITS

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

44 5/8" (1133)
 47 11/16" (1211)
 42 1/8" (1070)
 14 3/8" (1051)
 35 7/16" (900)

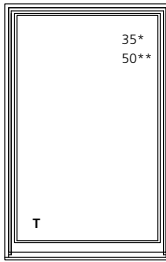
48 5/8" (1235)
 51 11/16" (1313)
 46 1/8" (1172)
 45 3/8" (1153)
 39 7/16" (1002)

52 5/8" (1337)
 55 11/16" (1414)
 50 1/8" (1273)
 49 3/8" (1254)
 43 7/16" (1103)

56 5/8" (1438)
 59 11/16" (1516)
 54 1/8" (1375)
 53 3/8" (1356)
 47 7/16" (1205)

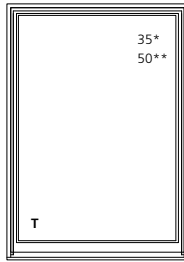
64 5/8" (1641)
 67 11/16" (1719)
 62 1/8" (1578)
 61 3/8" (1559)
 55 7/16" (1408)

66 1/2" (1689)
 68" (1727)
 64 3/4" (1645)
 64" (1626)
 56 11/32" (1431)



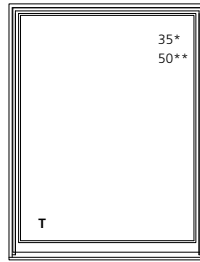
CCDP4164

35*
 50**



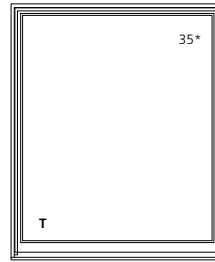
CCDP4564

35*
 50**



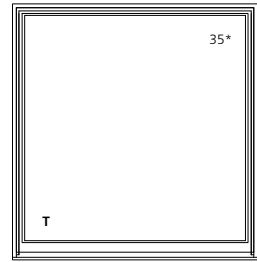
CCDP4964

35*



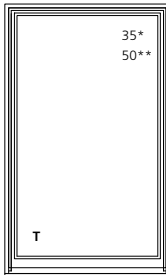
CCDP5364

35*



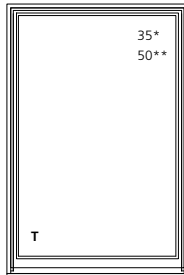
CCDP6164

70 1/2" (1791)
 72" (1829)
 68 3/4" (1746)
 68" (1727)
 60 11/32" (1533)



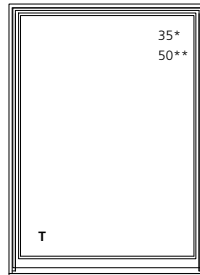
CCDP4168

35*
 50**



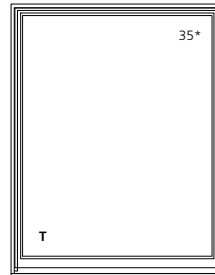
CCDP4568

35*
 50**



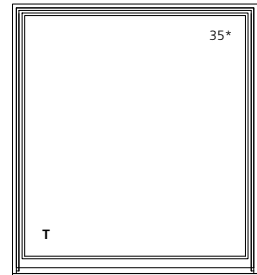
CCDP4968

35*



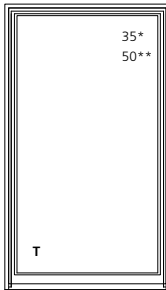
CCDP5368

35*



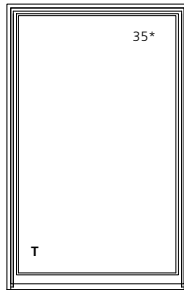
CCDP6168

74 1/2" (1892)
 76" (1930)
 72 3/4" (1848)
 72" (1829)
 64 11/32" (1634)



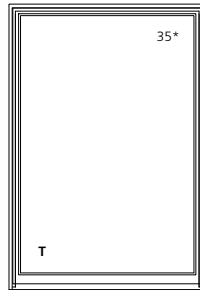
CCDP4172

35*



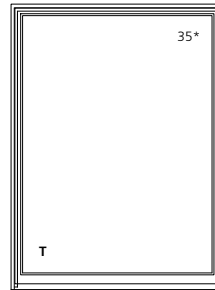
CCDP4572

35*



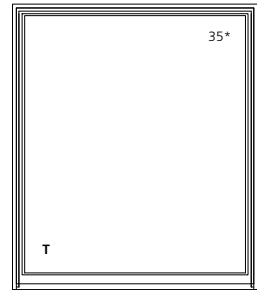
CCDP4972

35*



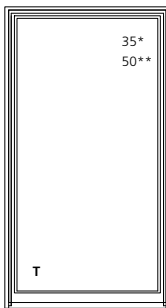
CCDP5372

35*



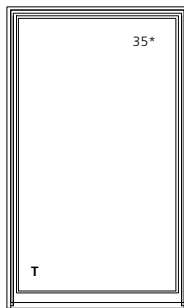
CCDP6172

78 1/2" (1994)
 80" (2032)
 76 3/4" (1949)
 76" (1930)
 68 11/32" (1736)



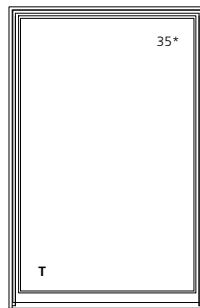
CCDP4176

35*



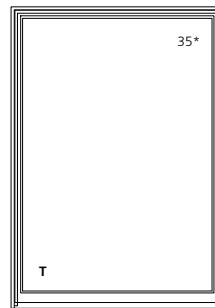
CCDP4576

35*



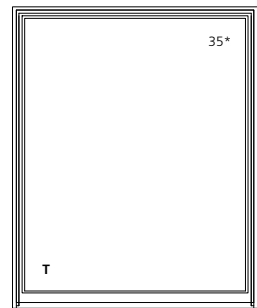
CCDP4976

35*



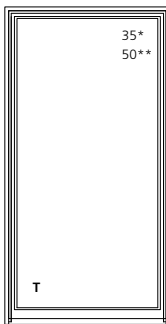
CCDP5376

35*



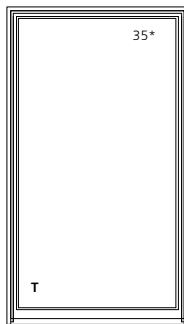
CCDP6176

82 1/2" (2096)
 84" (2134)
 80 3/4" (2051)
 80" (2032)
 72 11/32" (1837)



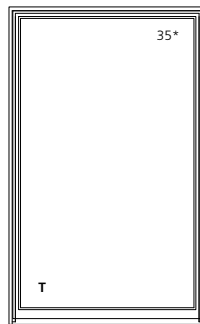
CCDP4180

35*



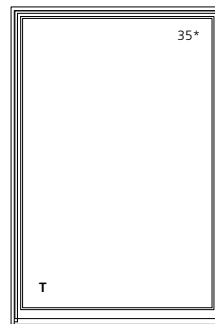
CCDP4580

35*



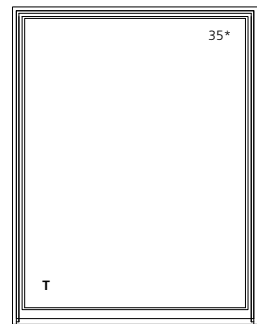
CCDP4980

35*



CCDP5380

35*



CCDP6180

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

T BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.

NUMBER INDICATES STANDARD DESIGN PRESSURE (DP) RATING.

NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.

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'

PICTURE UNITS

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

44 5/8" (1133)
47 11/16" (1211)
42 1/8" (1070)
14 3/8" (1051)
35 7/16" (900)

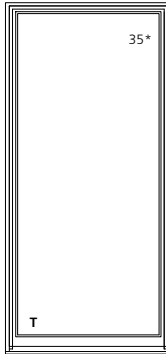
48 5/8" (1235)
51 11/16" (1313)
46 1/8" (1172)
45 3/8" (1153)
39 7/16" (1002)

52 5/8" (1337)
55 11/16" (1414)
50 1/8" (1273)
49 3/8" (1254)
43 7/16" (1103)

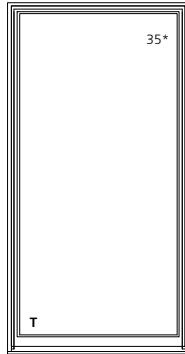
56 5/8" (1438)
59 11/16" (1516)
54 1/8" (1375)
53 3/8" (1356)
47 7/16" (1205)

64 5/8" (1641)
67 11/16" (1719)
62 1/8" (1578)
61 3/8" (1559)
55 7/16" (1408)

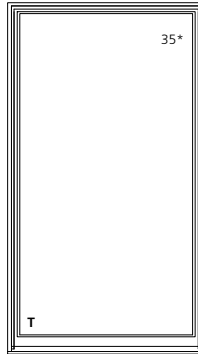
90 1/2" (2299)
92" (2337)
88 3/4" (2254)
88" (2235)
80 11/32" (2041)



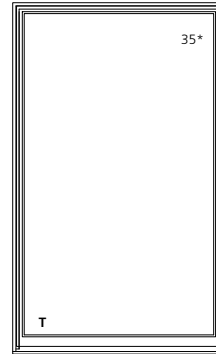
CCDP4188



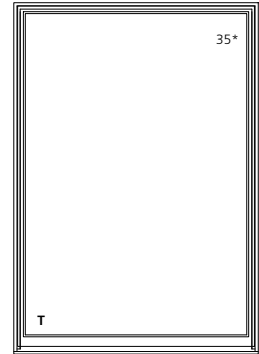
CCDP4588



CCDP4988

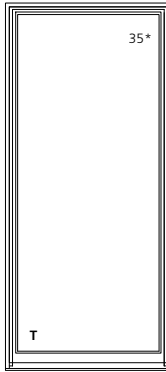


CCDP5388

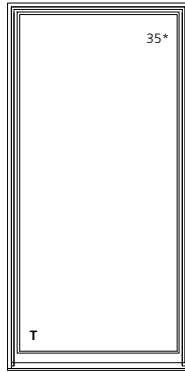


CCDP6188

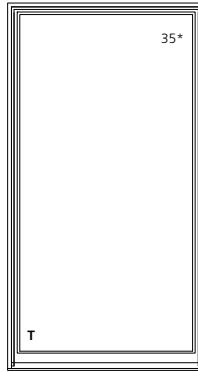
94 1/2" (2400)
96" (2438)
92 3/4" (2356)
92" (2337)
84 11/32" (2142)



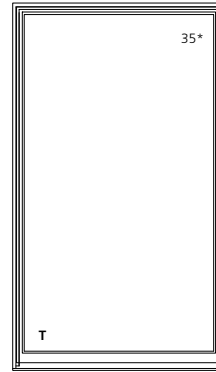
CCDP4192



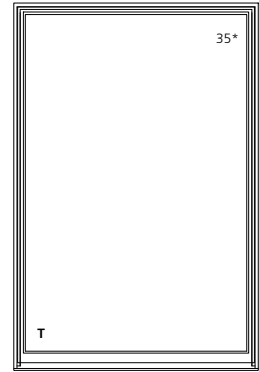
CCDP4592



CCDP4992

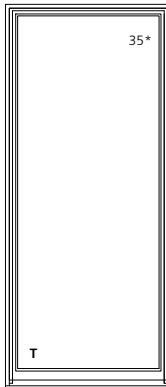


CCDP5392

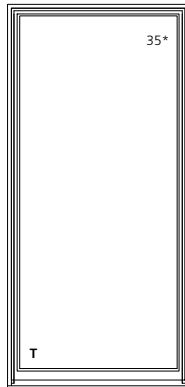


CCDP6192

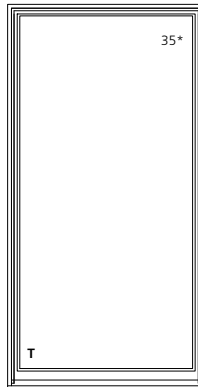
98 1/2" (2502)
100" (2540)
96 3/4" (2457)
96" (2438)
88 11/32" (2244)



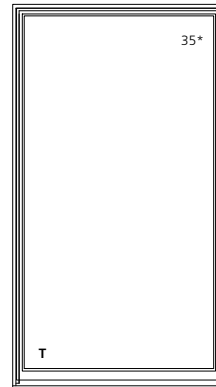
CCDP4196



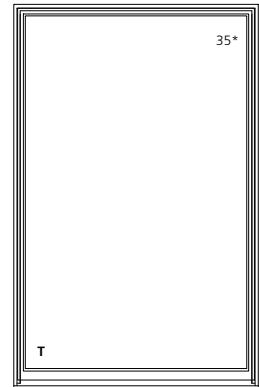
CCDP4596



CCDP4996



CCDP5396



CCDP6196

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

T BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.

*** NUMBER INDICATES STANDARD DESIGN PRESSURE (DP) RATING.

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'

PICTURE UNITS

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

72 5/8" (1845)
75 11/16" (1922)
70 1/8" (1781)
69 3/8" (1762)
63 7/16" (1611)

80 5/8" (2048)
83 11/16" (2126)
78 1/8" (1984)
77 3/8" (1965)
71 7/16" (1815)

42 1/2" (1080)
44" (1118)
40 3/4" (1035)
40" (1016)
32 11/32" (821)



CCDP6940



CCDP7740

46 1/2" (1181)
48" (1219)
44 3/4" (1137)
44" (1118)
36 11/32" (923)

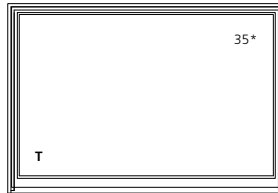


CCDP6944

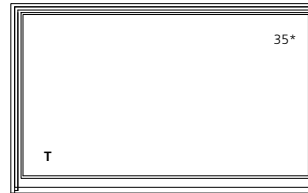


CCDP7744

50 1/2" (1270)
52" (1321)
48 3/4" (1238)
48" (1219)
40 11/32" (1025)

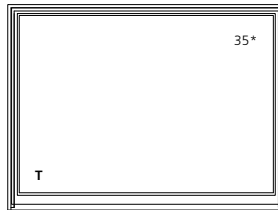


CCDP6948

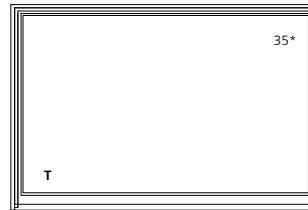


CCDP7748

54 1/2" (1384)
56" (1422)
52 3/4" (1340)
52" (1321)
44 11/32" (1126)

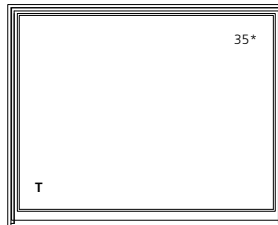


CCDP6952

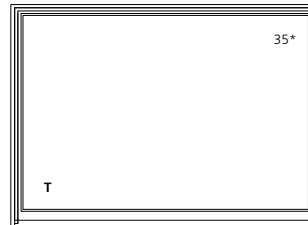


CCDP7752

58 1/2" (1486)
60" (1524)
56 3/4" (1441)
56" (1422)
48 11/32" (1228)

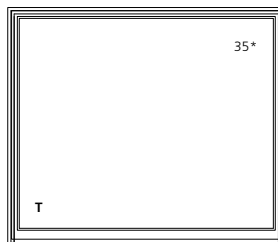


CCDP6956

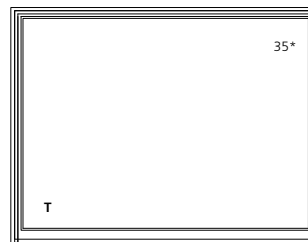


CCDP7756

62 1/2" (1588)
64" (1626)
60 3/4" (1543)
60" (1524)
52 11/32" (1329)



CCDP6960



CCDP7760

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

T BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.

*** NUMBER INDICATES STANDARD DESIGN PRESSURE (DP) RATING.

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'

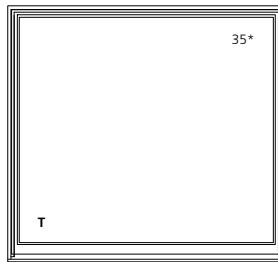
PICTURE UNITS

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

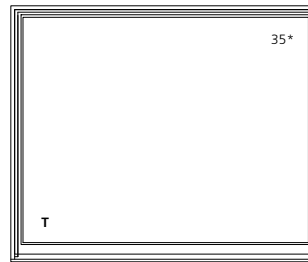
72 5/8" (1845)
75 11/16" (1922)
70 1/8" (1781)
69 3/8" (1762)
63 7/16" (1611)

80 5/8" (2048)
83 11/16" (2126)
78 1/8" (1984)
77 3/8" (1965)
71 7/16" (1815)

66 1/2" (1689)
68" (1727)
64 3/4" (1645)
64" (1626)
56 11/32" (1431)

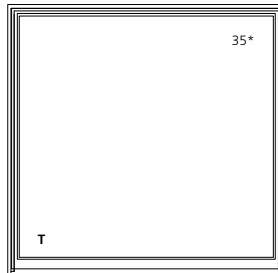


CCDP6964

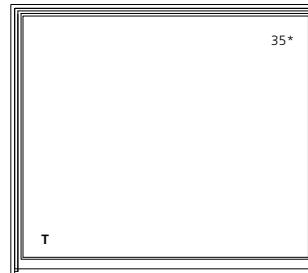


CCDP7764

70 1/2" (1791)
72" (1829)
68 3/4" (1746)
68" (1727)
60 11/32" (1533)

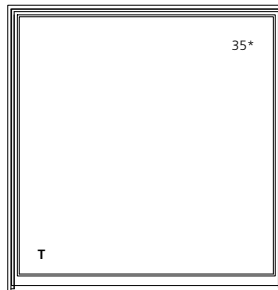


CCDP6968

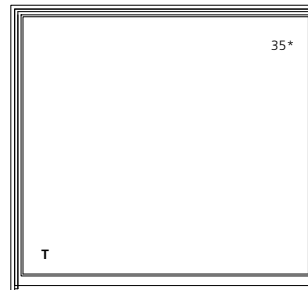


CCDP7768

74 1/2" (1892)
76" (1930)
72 3/4" (1848)
72" (1829)
64 11/32" (1634)

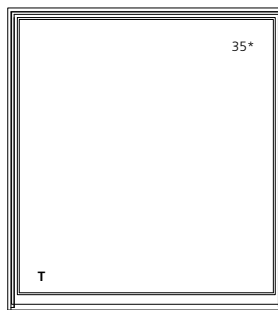


CCDP6972

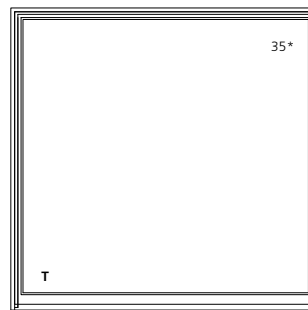


CCDP7772

78 1/2" (1994)
80" (2032)
76 3/4" (1949)
76" (1930)
68 11/32" (1736)

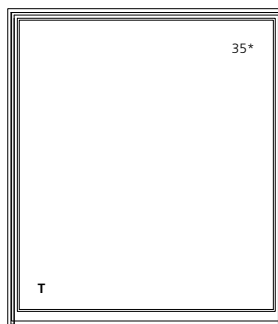


CCDP6976

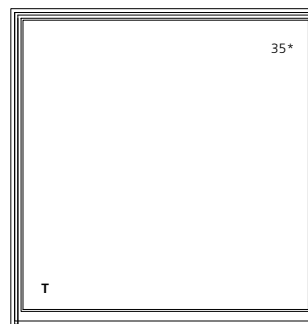


CCDP7776

82 1/2" (2096)
84" (2134)
80 3/4" (2051)
80" (2032)
72 11/32" (1837)



CCDP6980



CCDP7780

ELEVATION SYMBOL LEGEND:

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

T BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.

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

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'

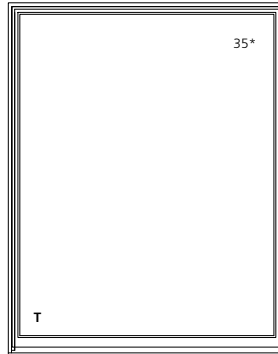
PICTURE UNITS

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

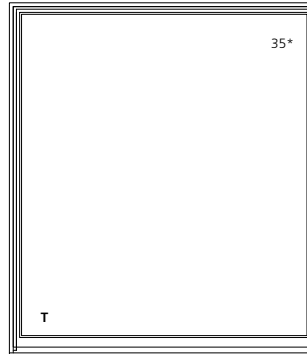
72 5/8" (1845)
75 11/16" (1922)
70 1/8" (1781)
69 3/8" (1762)
63 7/16" (1611)

80 5/8" (2048)
83 11/16" (2126)
78 1/8" (1984)
77 3/8" (1965)
71 7/16" (1815)

90 1/2" (2299)
87 1/2" (2237)
88 3/4" (2254)
88 7/8" (2255)
80 11/32" (2041)

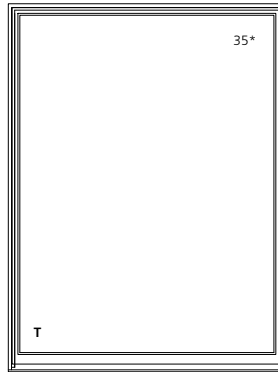


CCDP6988

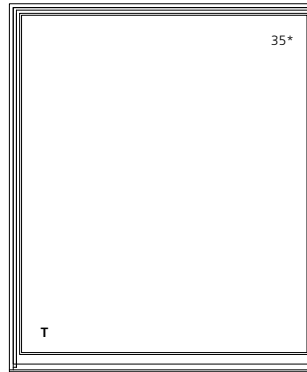


CCDP7788

94 1/2" (2400)
96 1/2" (2438)
93 1/4" (2356)
93 1/2" (2357)
84 11/32" (2142)

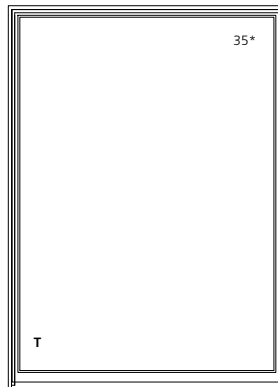


CCDP6992



CCDP7792

98 1/2" (2502)
100 1/2" (2540)
98 3/4" (2487)
98 7/8" (2488)
88 11/32" (2244)



CCDP6996

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS.

T BASIC UNIT IS NOT AVAILABLE WITH TRIPLE GLAZE, IMPACT RESISTANT, OR SAFETY LAMINATED GLASS.

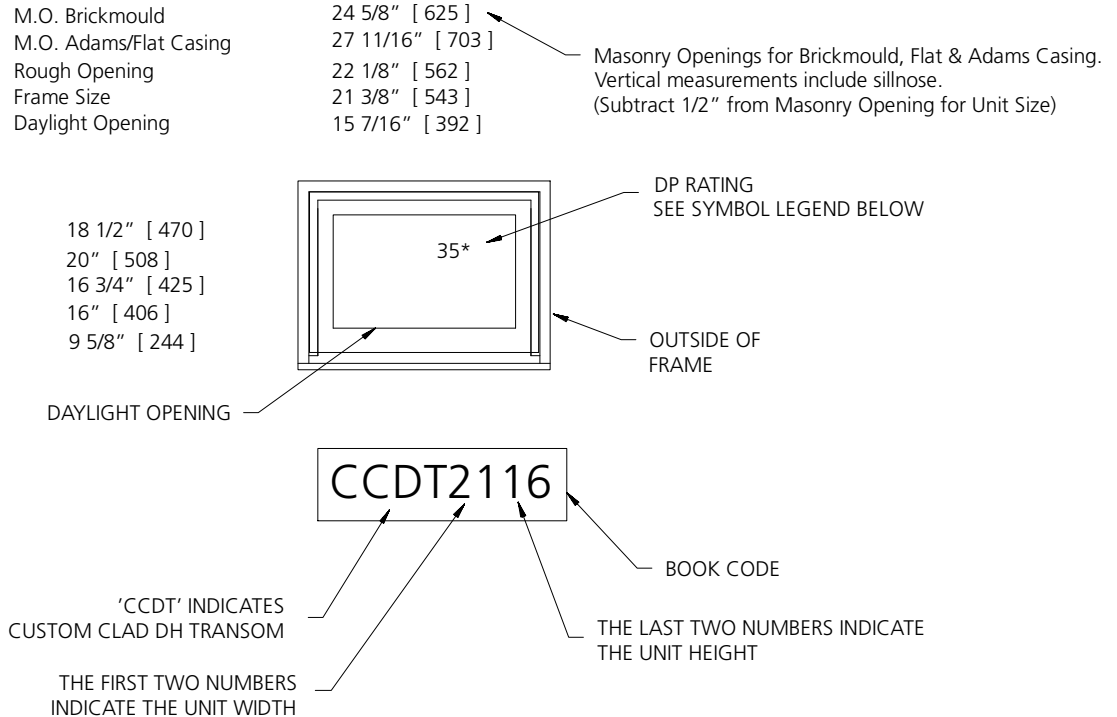
NUMBER INDICATES STANDARD DESIGN PRESSURE (DP) RATING.

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
DOUBLE-HUNG TRANSOM

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.



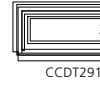
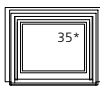
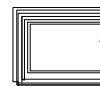
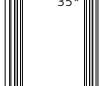
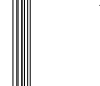
GENERAL DOUBLE-HUNG TRANSOM NOTES

1. ALL UNITS SHOWN ARE AVAILABLE AS STATIONARY ONLY.
2. UNIT ELEVATIONS ARE SHOWN WITHOUT EXTERIOR TRIM.
3. DIMENSIONAL VALUES IN BRACKETS ARE MILLIMETER CONVERSIONS.

ELEVATION SYMBOL LEGEND:

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

TRANSOM UNITS

M.O. BRICKMOUND M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	24 5/8" (625) 27 11/16" (703) 22 1/8" (562) 21 3/8" (543) 15 7/16" (392)	28 5/8" (727) 31 11/16" (805) 26 1/8" (664) 25 3/8" (645) 19 7/16" (494)	32 5/8" (829) 35 11/16" (906) 30 1/8" (765) 29 3/8" (746) 23 7/16" (595)	34 5/8" (879) 37 11/16" (957) 32 1/8" (816) 31 3/8" (797) 25 7/16" (646)	36 5/8" (930) 39 11/16" (1008) 34 1/8" (867) 33 3/8" (848) 27 7/16" (697)	38 5/8" (981) 41 11/16" (1059) 36 1/8" (918) 35 3/8" (899) 29 7/16" (748)	40 5/8" (1032) 43 11/16" (1110) 38 1/8" (968) 37 3/8" (949) 31 7/16" (798)
14 1/2" (419) 16" (406) 18" (457) 14 3/4" (324) 12" (305) 5 5/8" (143)							
16 1/2" (419) 18" (457) 14 3/4" (324) 12" (305) 7 5/8" (194)							
18 1/2" (470) 20" (508) 16 3/4" (425) 16" (406) 9 5/8" (244)							
20 1/2" (521) 22" (559) 18 3/4" (476) 18" (457) 11 5/8" (295)							
22 1/2" (572) 24" (610) 20 3/4" (527) 20" (508) 13 5/8" (346)							
26 1/2" (673) 28" (711) 24 3/4" (629) 24" (610) 17 5/8" (448)							
32 1/2" (826) 34" (864) 30 3/4" (781) 30" (762) 23 5/8" (600)							
38 1/2" (978) 40" (1016) 36 3/4" (933) 36" (914) 29 5/8" (752)							
44 1/2" (1130) 46" (1168) 42 3/4" (1086) 42" (1067) 35 5/8" (905)							
50 1/2" (1283) 52" (1321) 48 3/4" (1238) 48" (1219) 41 5/8" (1057)							

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.

SCALE: 1/8" = 1'

TRANSOM UNITS

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

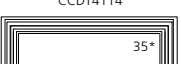
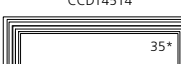
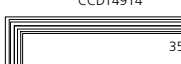
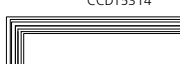
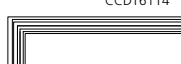
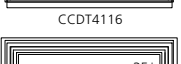
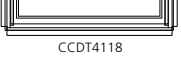
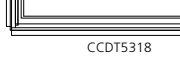
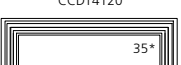
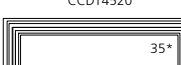
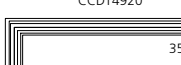
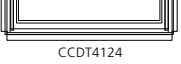
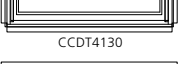
44 5/8" (1133)
 47 11/16" (1211)
 42 1/8" (1070)
 41 3/8" (1051)
 35 7/16" (900)

48 5/8" (1235)
 51 11/16" (1313)
 46 1/8" (1172)
 45 3/8" (1153)
 39 7/16" (1002)

52 5/8" (1337)
 55 11/16" (1414)
 50 1/8" (1273)
 49 3/8" (1254)
 43 7/16" (1103)

56 5/8" (1438)
 59 11/16" (1516)
 54 1/8" (1375)
 53 3/8" (1356)
 47 7/16" (1205)

64 5/8" (1641)
 67 11/16" (1719)
 62 1/8" (1578)
 61 3/8" (1559)
 55 7/16" (1408)

14 1/2" (368) 16" (406) 12 3/4" (324) 12" (305) 5 5/8" (143)					
	CC DT 4112	CC DT 4512	CC DT 4912	CC DT 5312	CC DT 6112
16 1/2" (419) 18" (457) 14 3/4" (375) 14" (356) 7 5/8" (194)					
	CC DT 4114	CC DT 4514	CC DT 4914	CC DT 5314	CC DT 6114
18 1/2" (470) 20" (508) 16 3/4" (425) 16" (406) 9 5/8" (244)					
	CC DT 4116	CC DT 4516	CC DT 4916	CC DT 5316	CC DT 6116
20 1/2" (521) 22" (559) 18 3/4" (476) 18" (457) 11 5/8" (295)					
	CC DT 4118	CC DT 4518	CC DT 4918	CC DT 5318	CC DT 6118
22 1/2" (572) 24" (610) 20 3/4" (527) 20" (508) 13 5/8" (346)					
	CC DT 4120	CC DT 4520	CC DT 4920	CC DT 5320	CC DT 6120
26 1/2" (673) 28" (711) 24 3/4" (629) 24" (610) 17 5/8" (448)					
	CC DT 4124	CC DT 4524	CC DT 4924	CC DT 5324	CC DT 6124
32 1/2" (826) 34" (864) 30 3/4" (781) 30" (762) 23 5/8" (600)					
	CC DT 4130	CC DT 4530	CC DT 4930	CC DT 5330	CC DT 6130
38 1/2" (978) 40" (1016) 36 3/4" (933) 36" (914) 29 5/8" (752)					
	CC DT 4136	CC DT 4536	CC DT 4936	CC DT 5336	CC DT 6136
44 1/2" (1130) 46" (1168) 42 3/4" (1086) 42" (1067) 35 5/8" (905)					
	CC DT 4142	CC DT 4542	CC DT 4942	CC DT 5342	CC DT 6142
50 1/2" (1283) 52" (1321) 48 3/4" (1238) 48" (1219) 41 5/8" (1057)					
	CC DT 4148	CC DT 4548	CC DT 4948	CC DT 5348	CC DT 6148

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.

SCALE: 1/8" = 1'

TRANSOM UNITS

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

72 5/8" (1845)
 75 11/16" (1922)
 70 1/8" (1781)
 69 3/8" (1762)
 63 7/16" (1611)

80 5/8" (2048)
 83 11/16" (2126)
 78 1/8" (1984)
 77 3/8" (1965)
 77 1/16" (1814)

14 1/2" (368)
 16" (406)
 12 3/4" (324)



CCDT6912



CCDT7712

16 1/2" (419)
 18" (457)
 14 3/4" (375)
 14" (356)
 7 5/8" (194)



CCDT6914



CCDT7714

18 1/2" (470)
 20" (508)
 16 3/4" (425)
 16" (406)
 9 5/8" (244)



CCDT6916



CCDT7716

20 1/2" (521)
 22" (559)
 18 3/4" (476)
 18" (457)
 11 5/8" (295)



CCDT6918



CCDT7718

22 1/2" (572)
 24" (610)
 20 3/4" (527)
 20" (508)
 13 5/8" (346)



CCDT6920



CCDT7720

26 1/2" (673)
 28" (711)
 24 3/4" (629)
 24" (610)
 17 5/8" (448)



CCDT6924



CCDT7724

32 1/2" (826)
 34" (864)
 30 3/4" (781)
 30" (762)
 23 5/8" (600)



CCDT6930



CCDT7730

38 1/2" (978)
 40" (1016)
 36 3/4" (933)
 36" (914)
 29 5/8" (752)



CCDT6936



CCDT7736

44 1/2" (1130)
 46" (1168)
 42 3/4" (1086)
 42" (1067)
 35 5/8" (905)



CCDT6942



CCDT7742

50 1/2" (1283)
 52" (1321)
 48 3/4" (1238)
 48" (1219)
 41 5/8" (1057)



CCDT6948



CCDT7748

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

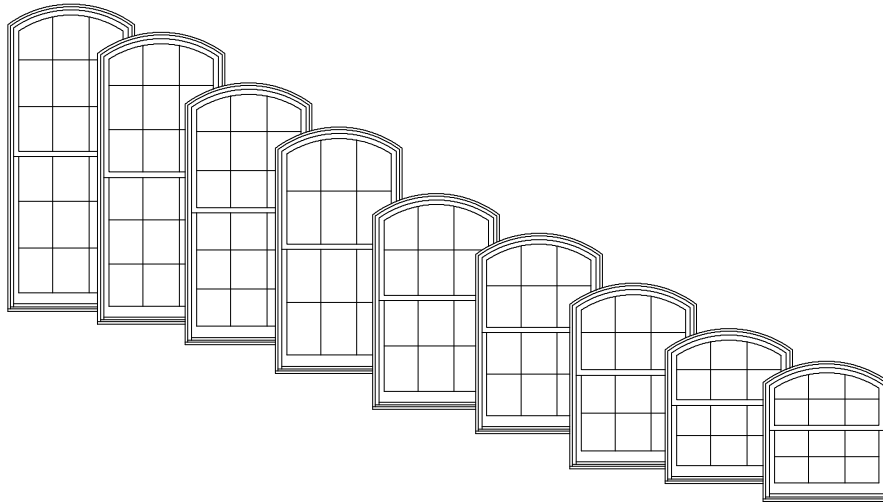
VALUES IN () ARE IN MILLIMETER CONVERSIONS.

##* 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.

SCALE: 1/8" = 1'

GENERAL INFORMATION
SECTOR TOP SINGLE-HUNG UNITS

**DIMENSIONAL WINDOWS**

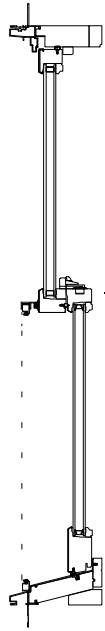
Clad sector top single-hung windows may be specified as "dimensional" by adjusting the desired rough opening width or height in 1/4" increments from standard.

Clad sector top single-hung windows feature stationary (fixed) upper sash and an operating lower sash. Counterbalancing is achieved with block and tackle spring extension systems hidden in weatherable PVC jamb liners. Operating units are supplied with cam-type sash locks installed. Die-cast lower sash lifts supplied for field installation are an option. Recessed sash retainers provide simple sash installation and removal. There are several hardware finish options. Refer to the Specifications for available finish options.

CUSTOM CLAD SECTOR TOP SINGLE-HUNG WINDOWS utilize some of the same options as CUSTOM CLAD DOUBLE-HUNG. Those options have not been repeated here in this sub-section.

See the CUSTOM CLAD DOUBLE-HUNG section for:
Jamb Extender Options.

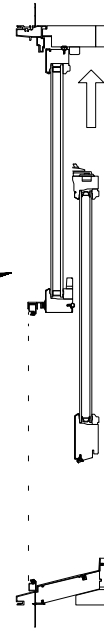
HANDING & OPERATION
SECTOR TOP SINGLE-HUNG UNITS



SINGLE-HUNG OPERATION:

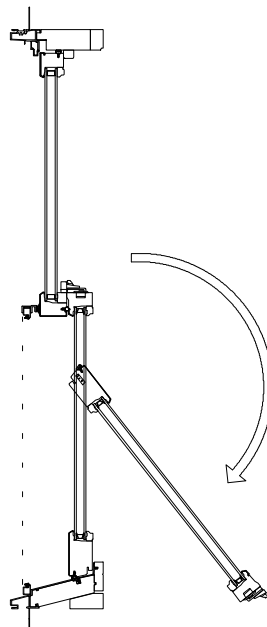
When the sash are locked at the check rails the sash are closed and sealed in the sash opening of the frame.

When the sash are unlocked the lower sash travels vertically to any position desired. The upper sash is fixed.



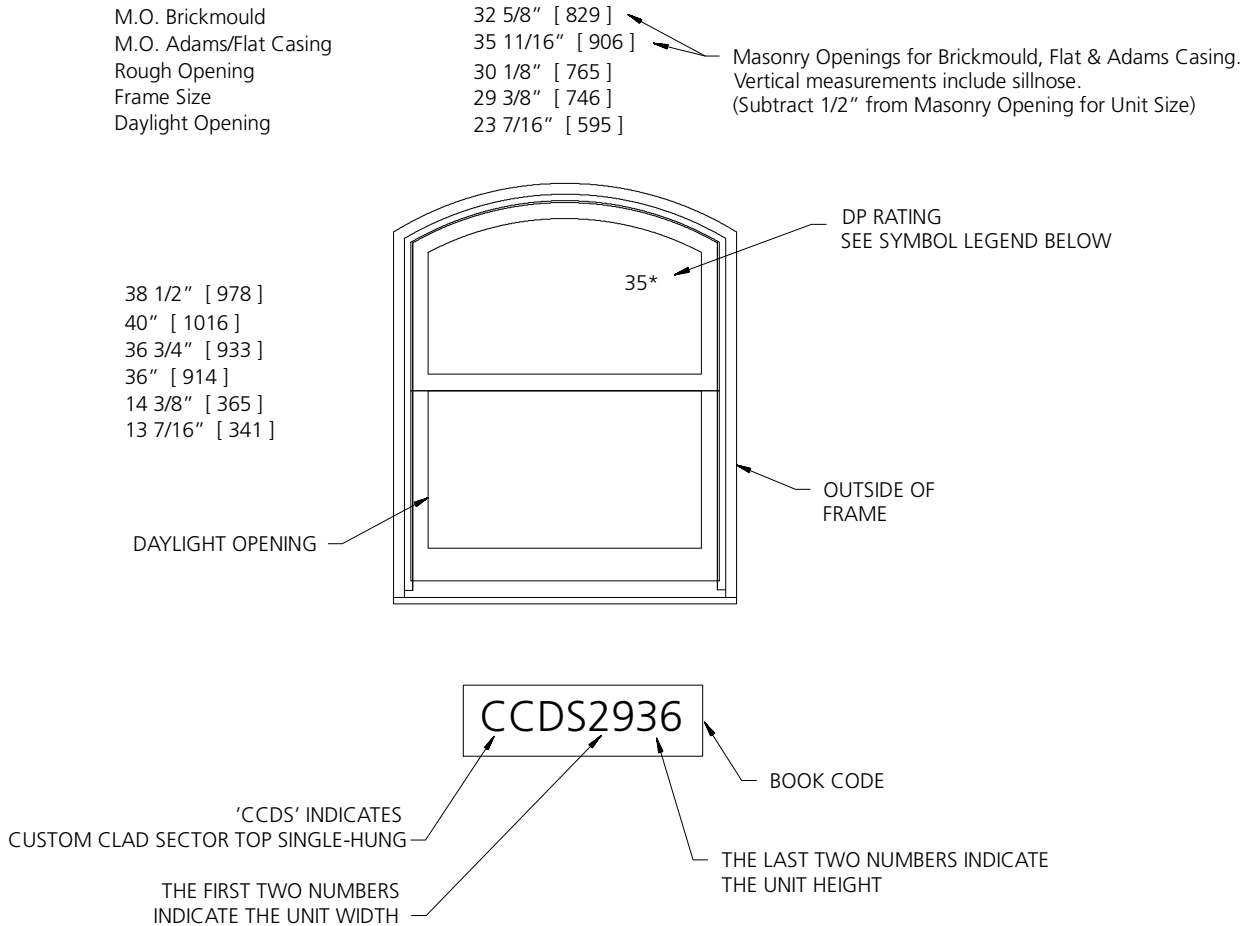
SASH TILTING FOR WASHING

The Clad Single-Hung window will allow the lower sash to be tilted or removed for easy cleaning.



ELEVATION NOTES
SECTOR TOP SINGLE-HUNG 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 SINGLE-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.
- ##*** NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.

SECTOR TOP SINGLE-HUNG UNITS

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

24 5/8" (625)
 27 11/16" (703)
 22 1/8" (562)
 21 3/8" (543)
 15 7/16" (392)

28 5/8" (727)
 31 11/16" (805)
 26 1/8" (664)
 25 3/8" (645)
 19 7/16" (494)

32 5/8" (829)
 35 11/16" (906)
 30 1/8" (765)
 29 3/8" (746)
 23 7/16" (595)

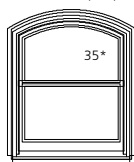
36 5/8" (930)
 39 11/16" (1008)
 34 1/8" (867)
 33 3/8" (848)
 27 7/16" (697)

40 5/8" (1032)
 43 11/16" (1110)
 38 1/8" (968)
 37 3/8" (949)
 31 7/16" (799)

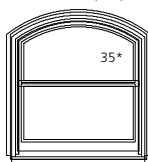
44 5/8" (1133)
 47 11/16" (1211)
 42 1/8" (1070)
 41 3/8" (1051)
 35 7/16" (900)

48 5/8" (1235)
 51 11/16" (1313)
 46 1/8" (1172)
 45 3/8" (1153)
 39 7/16" (1002)

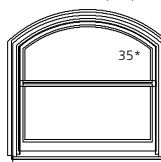
38 1/2" (978)
 40" (1016)
 36 3/4" (933)
 35" (891)
 14 3/8" (365)
 13 7/16" (341)



CCDS2936

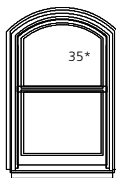


CCDS3336

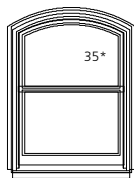


CCDS3736

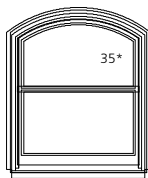
42 1/2" (1080)
 44" (1118)
 40 3/4" (1035)
 40" (1016)
 16 3/8" (416)
 15 7/16" (392)



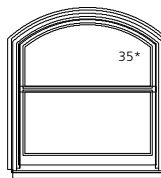
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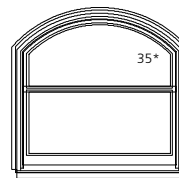
CCDS2940



CCDS3340

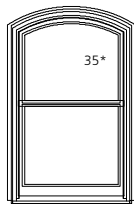


CCDS3740

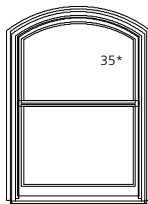


CCDS4140

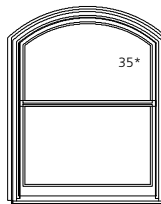
50 1/2" (1270)
 52" (1321)
 48 3/4" (1238)
 48" (1219)
 20 3/8" (518)
 19 7/16" (494)



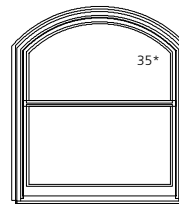
CCDS2948



CCDS3348

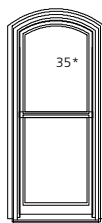


CCDS3748

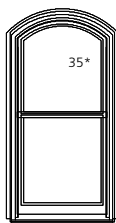


CCDS4148

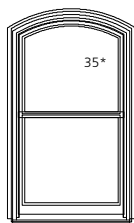
54 1/2" (1384)
 56" (1422)
 52 3/4" (1340)
 52" (1321)
 22 3/8" (568)
 21 7/16" (545)



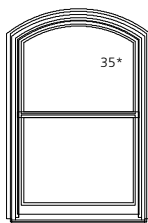
CCDS2152



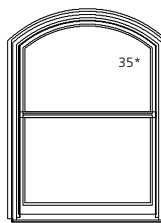
CCDS2552



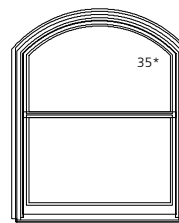
CCDS2952



CCDS3352

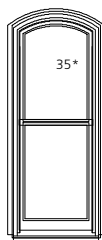


CCDS3752

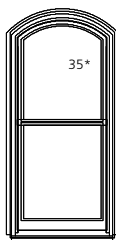


CCDS4152

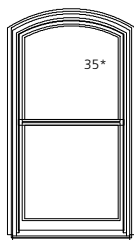
58 1/2" (1486)
 60" (1524)
 56 3/4" (1441)
 56" (1422)
 24 3/8" (619)
 23 7/16" (595)



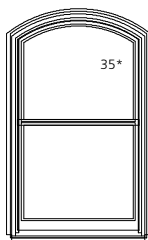
CCDS2156



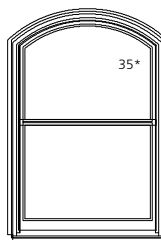
CCDS2556



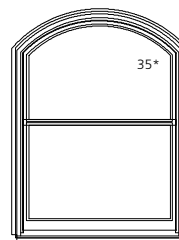
CCDS2956



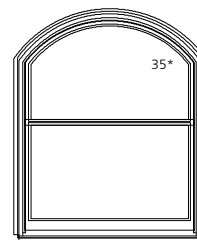
CCDS3356



CCDS3756

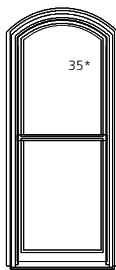


CCDS4156

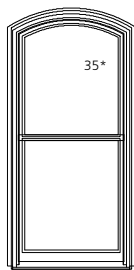


CCDS4556

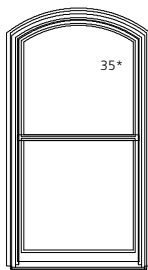
66 1/2" (1689)
 68" (1727)
 64 3/4" (1645)
 64" (1626)
 26 3/8" (669)
 25 7/16" (657)



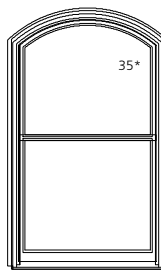
CCDS2564



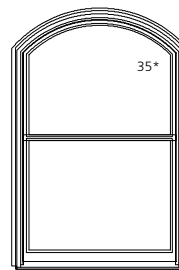
CCDS2964



CCDS3364



CCDS3764



CCDS4164

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.

SCALE: 1/4" = 1'

SECTOR TOP SINGLE-HUNG UNITS

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

24 5/8" (625)
 27 11/16" (703)
 22 1/8" (562)
 21 3/8" (543)
 15 7/16" (392)

28 5/8" (727)
 31 11/16" (805)
 26 1/8" (664)
 25 3/8" (645)
 19 7/16" (494)

32 5/8" (829)
 35 11/16" (906)
 30 1/8" (765)
 29 3/8" (746)
 23 7/16" (595)

36 5/8" (930)
 39 11/16" (1008)
 34 1/8" (867)
 33 3/8" (848)
 27 7/16" (697)

40 5/8" (1032)
 43 11/16" (1110)
 38 1/8" (968)
 37 3/8" (949)
 31 7/16" (799)

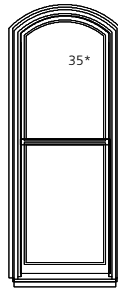
44 5/8" (1133)
 47 11/16" (1211)
 42 1/8" (1070)
 41 3/8" (1051)
 35 7/16" (900)

48 5/8" (1235)
 51 11/16" (1313)
 46 1/8" (1172)
 45 3/8" (1153)
 39 7/16" (1002)

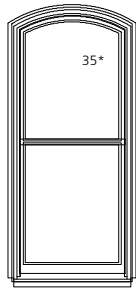
70 1/2" (1791)
 72" (1829)
 68 3/4" (1746)
 68" (1727)
 30 3/8" (772)
 29 7/16" (748)

78 1/2" (1994)
 80" (2032)
 76 3/4" (1949)
 76" (1930)
 34 3/8" (873)
 33 7/16" (849)

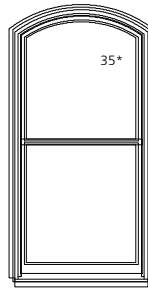
82 1/2" (2096)
 84" (2134)
 80 3/4" (2051)
 80" (2032)
 36 3/8" (924)
 35 7/16" (900)



CCDS2568



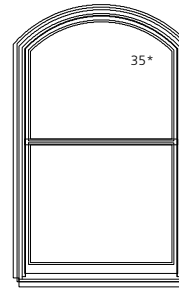
CCDS2968



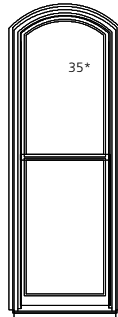
CCDS3368



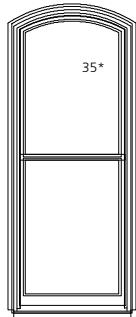
CCDS3768



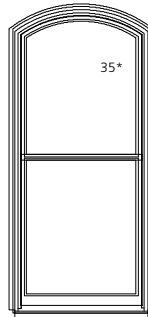
CCDS4168



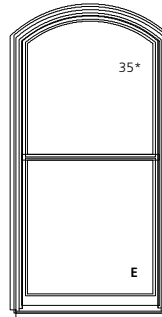
CCDS2576



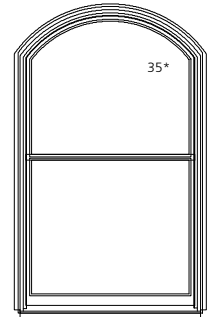
CCDS2976



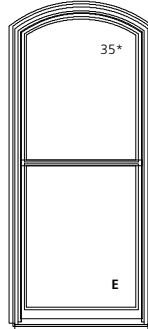
CCDS3376



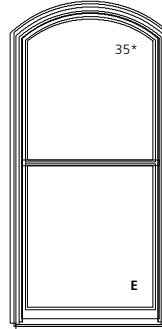
CCDS3776



CCDS4576



CCDS3380



CCDS3780

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

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.

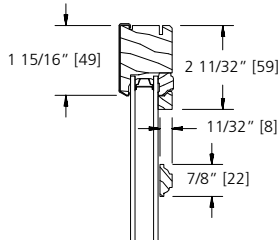
##* NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.

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.

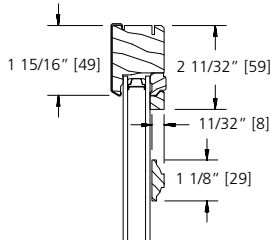
SCALE: 1/4" = 1'

**GLAZING OPTIONS
DOUBLE-HUNG**

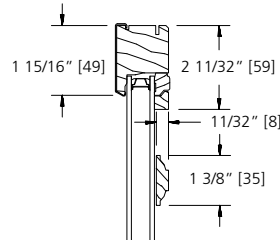
INTERIOR GLAZED
INSULATED 3/4" [19] GLASS



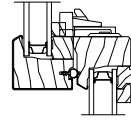
7/8" GRILLE BAR



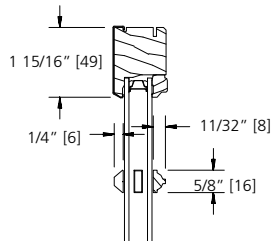
1 1/8" GRILLE BAR



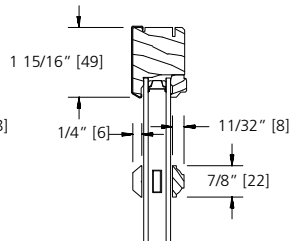
1 3/8" GRILLE BAR



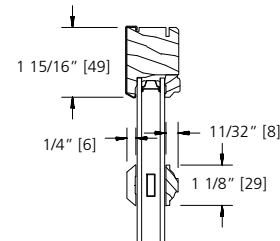
**CHECK RAIL
GRILLE SURROUND**



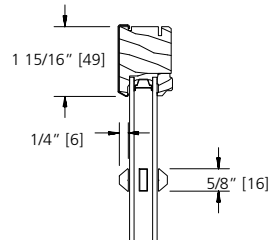
**5/8" SDL BAR
(PUTTY/BEAD)**



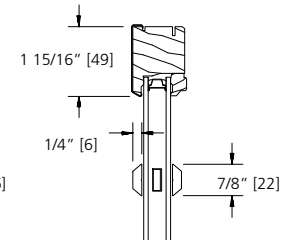
**7/8" SDL BAR
(PUTTY/BEAD)**



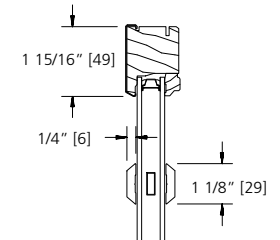
**1 1/8" SDL BAR
(PUTTY/BEAD)**



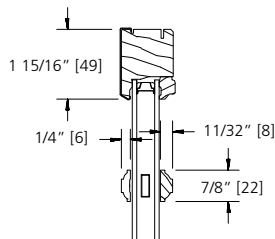
**5/8" SDL BAR
(PUTTY/PUTTY)**



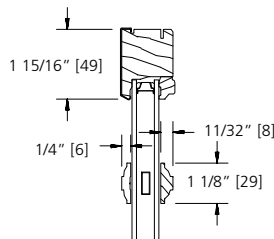
**7/8" SDL BAR
(PUTTY/PUTTY)**



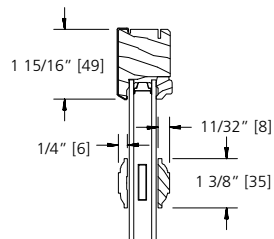
**1 1/8" SDL BAR
(PUTTY/PUTTY)**



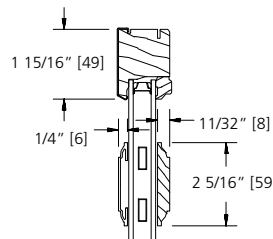
**7/8" SDL BAR
(BEAD STOP)**



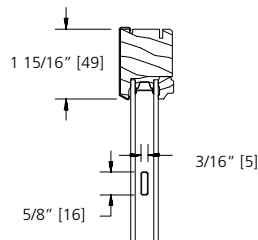
**1 1/8" SDL BAR
(BEAD STOP)**



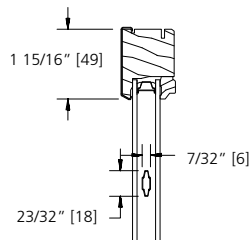
**1 3/8" SDL BAR
(BEAD STOP)**



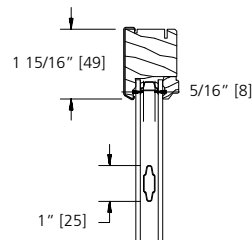
**2 5/16" SDL BAR
(BEAD STOP)**



**5/8" FLAT
GBG**



**23/32" CONTOUR
GBG**

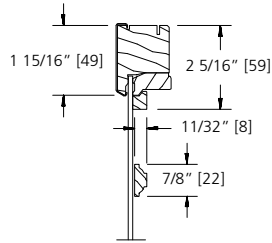


**1" CONTOUR
GBG**

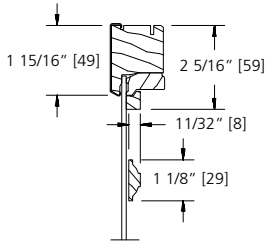
SCALE: NTS

GLAZING OPTIONS
DOUBLE-HUNG

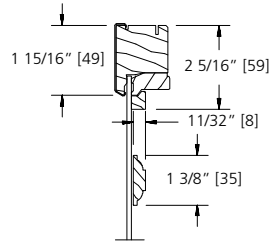
INTERIOR GLAZED
SINGLE GLAZED 1/8" [3] GLASS



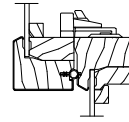
7/8" GRILLE BAR



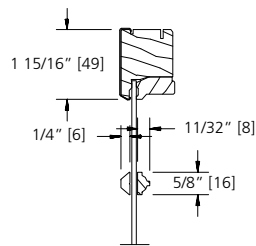
1 1/8" GRILLE BAR



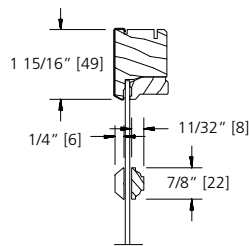
1 3/8" GRILLE BAR



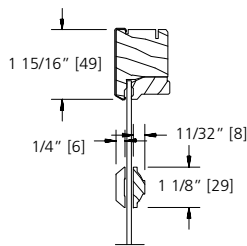
**CHECK RAIL
GRILLE SURROUND**



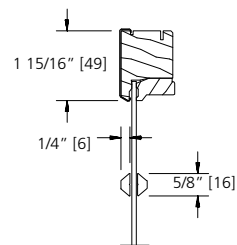
**5/8" SDL BAR
(PUTTY/BEAD)**



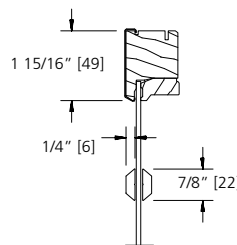
**7/8" SDL BAR
(PUTTY/BEAD)**



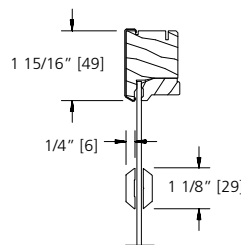
**1 1/8" SDL BAR
(PUTTY/BEAD)**



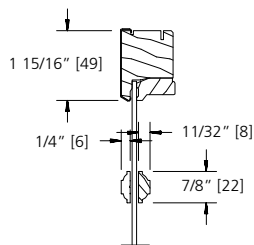
**5/8" SDL BAR
(PUTTY/PUTTY)**



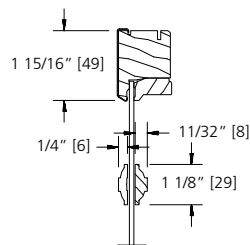
**7/8" SDL BAR
(PUTTY/PUTTY)**



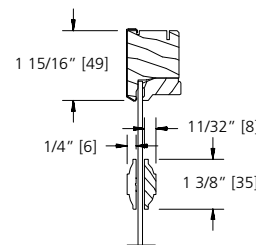
**1 1/8" SDL BAR
(PUTTY/PUTTY)**



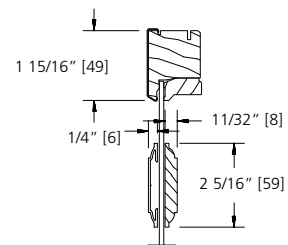
**7/8" SDL BAR
(BEAD STOP)**



**1 1/8" SDL BAR
(BEAD STOP)**



**1 3/8" SDL BAR
(BEAD STOP)**

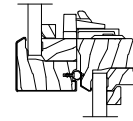
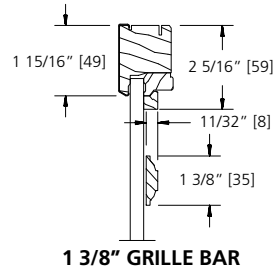
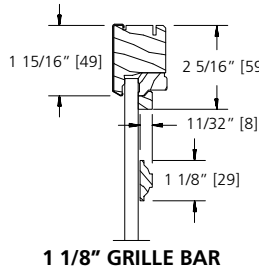
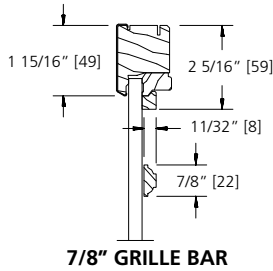


**2 5/16" SDL BAR
(BEAD STOP)**

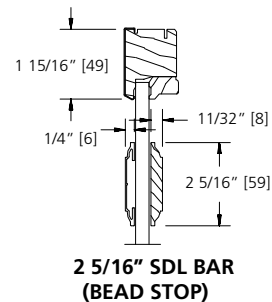
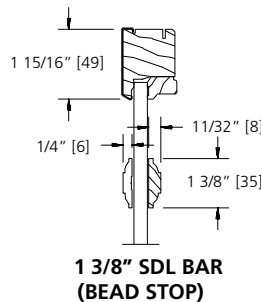
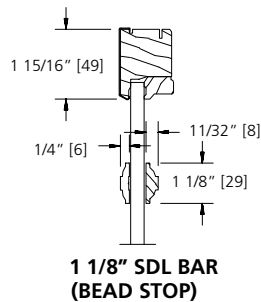
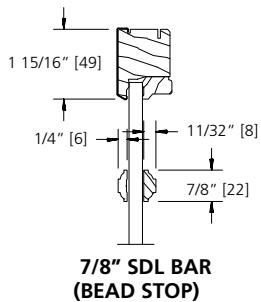
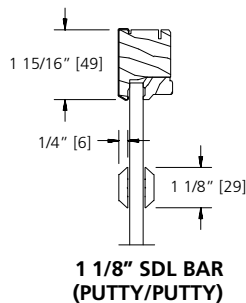
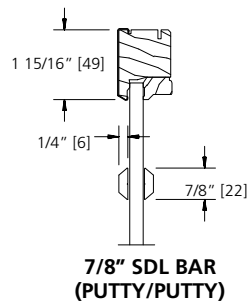
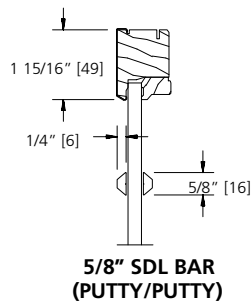
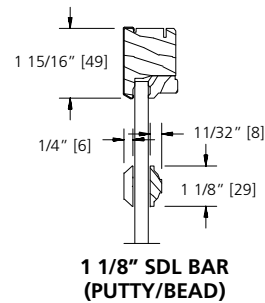
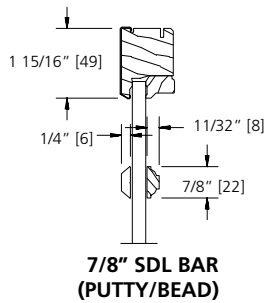
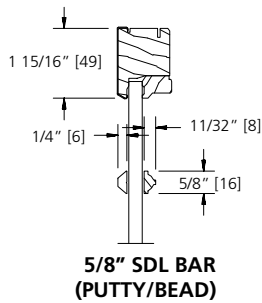
SCALE: NTS

**GLAZING OPTIONS
DOUBLE-HUNG**

INTERIOR GLAZED
IMPACT RESISTANT GLASS



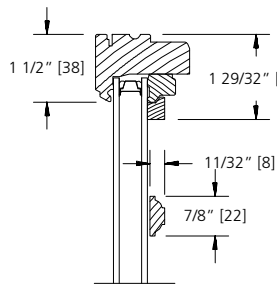
**CHECK RAIL
GRILLE SURROUND**



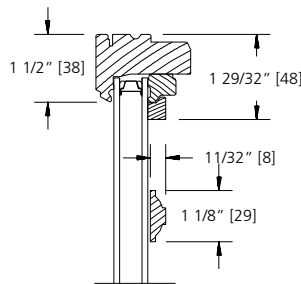
SCALE: NTS

GLAZING OPTIONS
SECTOR TOP SINGLE-HUNG

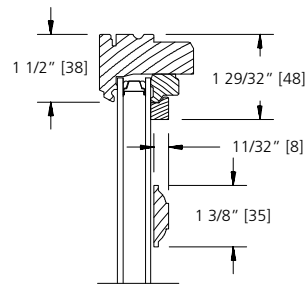
INTERIOR GLAZED
INSULATED 3/4" [19] GLASS



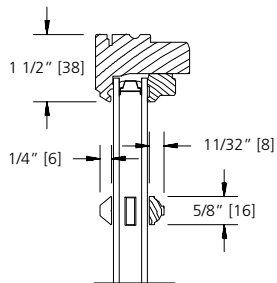
7/8" GRILLE BAR



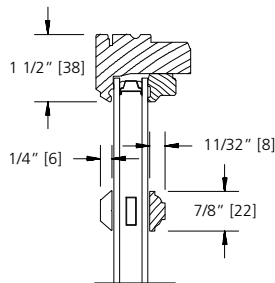
1 1/8" GRILLE BAR



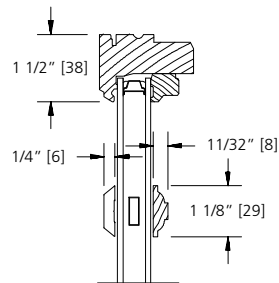
1 3/8" GRILLE BAR



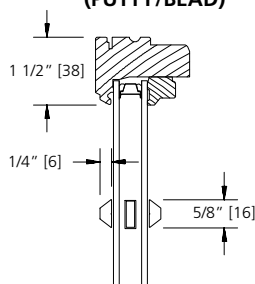
**5/8" SDL BAR
(PUTTY/BEAD)**



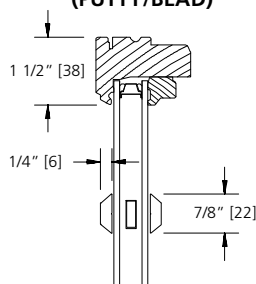
**7/8" SDL BAR
(PUTTY/BEAD)**



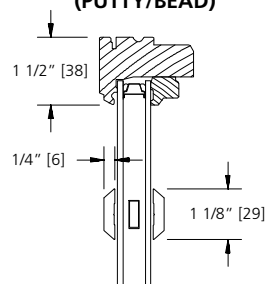
**1 1/8" SDL BAR
(PUTTY/BEAD)**



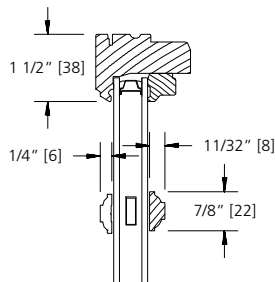
**5/8" SDL BAR
(PUTTY/PUTTY)**



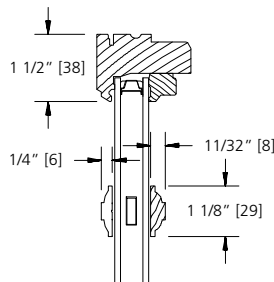
**7/8" SDL BAR
(PUTTY/PUTTY)**



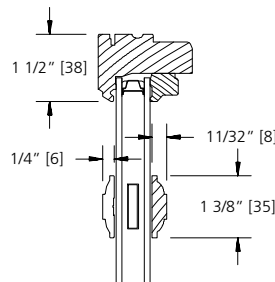
**1 1/8" SDL BAR
(PUTTY/PUTTY)**



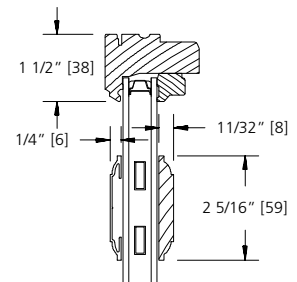
**7/8" SDL BAR
(BEAD STOP)**



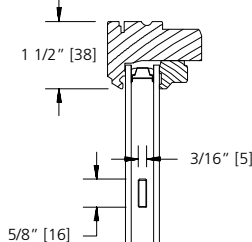
**1 1/8" SDL BAR
(BEAD STOP)**



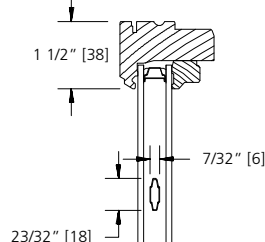
**1 3/8" SDL BAR
(BEAD STOP)**



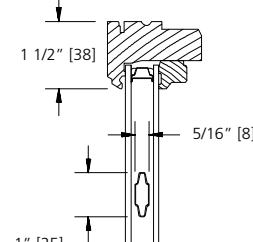
**2 5/16" SDL BAR
(BEAD STOP)**



**5/8" FLAT
GBG**



**23/32" CONTOUR
GBG**

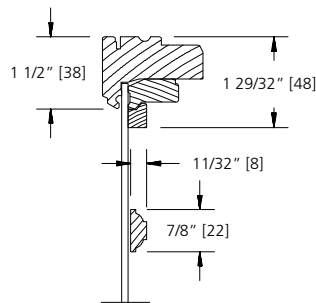


**1" CONTOUR
GBG**

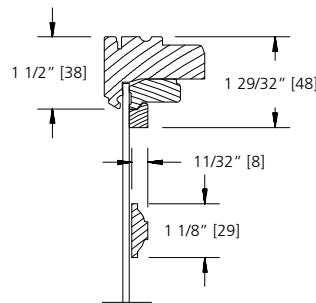
SCALE: NTS

**GLAZING OPTIONS
SECTOR TOP SINGLE-HUNG**

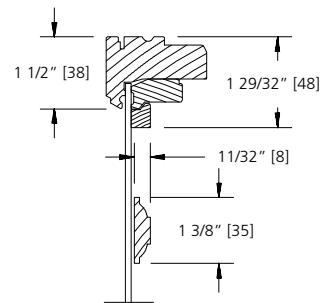
INTERIOR GLAZED
SINGLE GLAZED 1/8" [3] GLASS



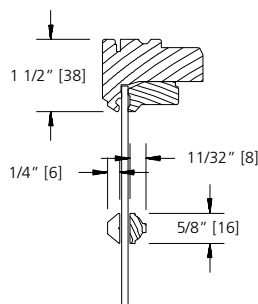
7/8" GRILLE BAR



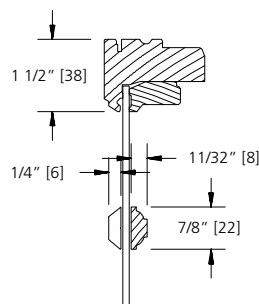
1 1/8" GRILLE BAR



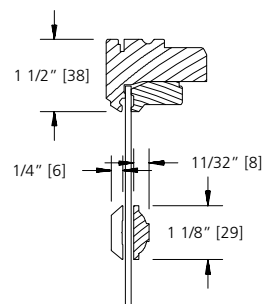
1 3/8" GRILLE BAR



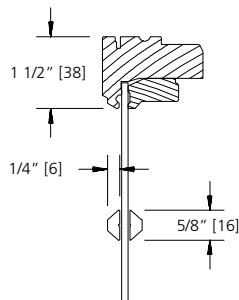
**5/8" SDL
(PUTTY/BEAD)**



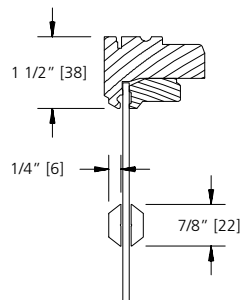
**7/8" SDL
(PUTTY/BEAD)**



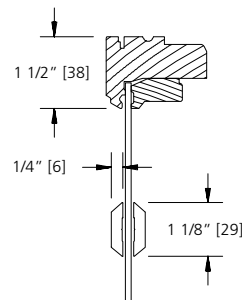
**1 1/8" SDL
(PUTTY/BEAD)**



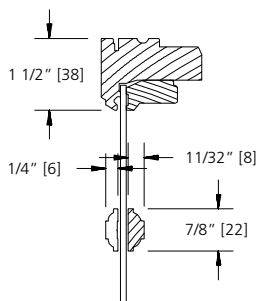
**5/8" SDL
(PUTTY/PUTTY)**



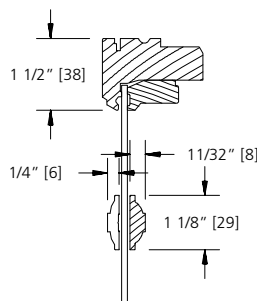
**7/8" SDL
(PUTTY/PUTTY)**



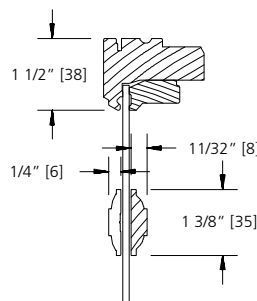
**1 1/8" SDL
(PUTTY/PUTTY)**



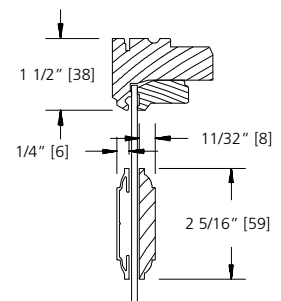
**7/8" SDL
(BEAD STOP)**



**1 1/8" SDL
(BEAD STOP)**



**1 3/8" SDL
(BEAD STOP)**

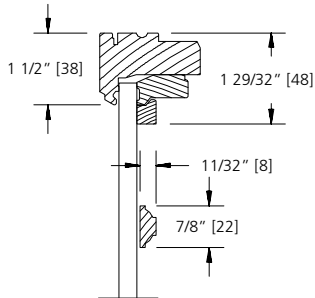


**2 5/16" SDL BAR
(BEAD STOP)**

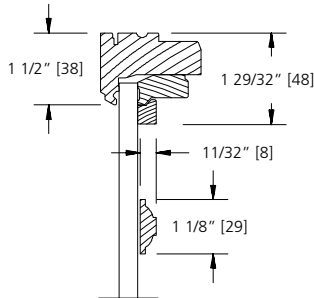
SCALE: NTS

GLAZING OPTIONS
SECTOR TOP SINGLE-HUNG

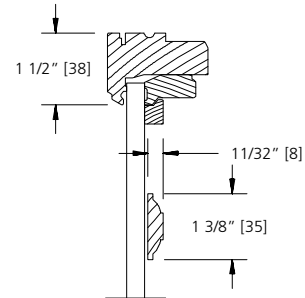
INTERIOR GLAZED
IMPACT RESISTANT GLASS



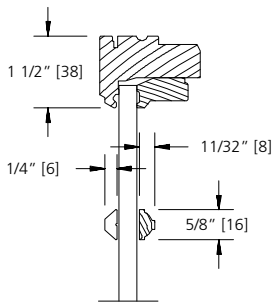
7/8" GRILLE BAR



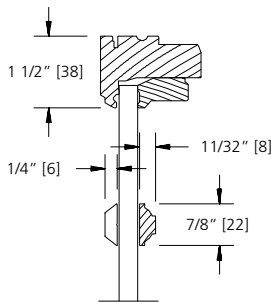
1 1/8" GRILLE BAR



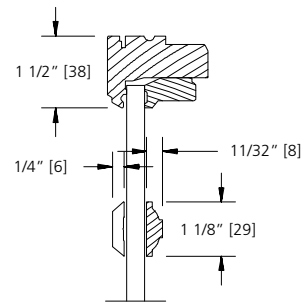
1 3/8" GRILLE BAR



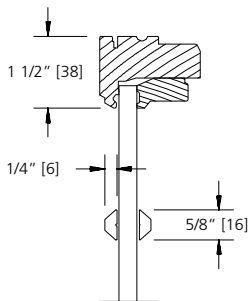
**5/8" SDL
(PUTTY/BEAD)**



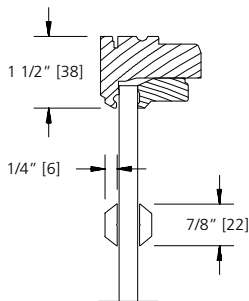
**7/8" SDL
(PUTTY/BEAD)**



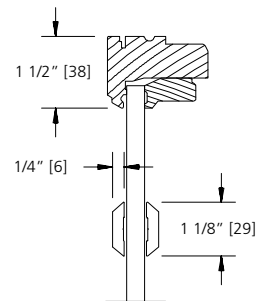
**1 1/8" SDL
(PUTTY/BEAD)**



**5/8" SDL
(PUTTY/BEAD)**



**7/8" SDL
(PUTTY/BEAD)**

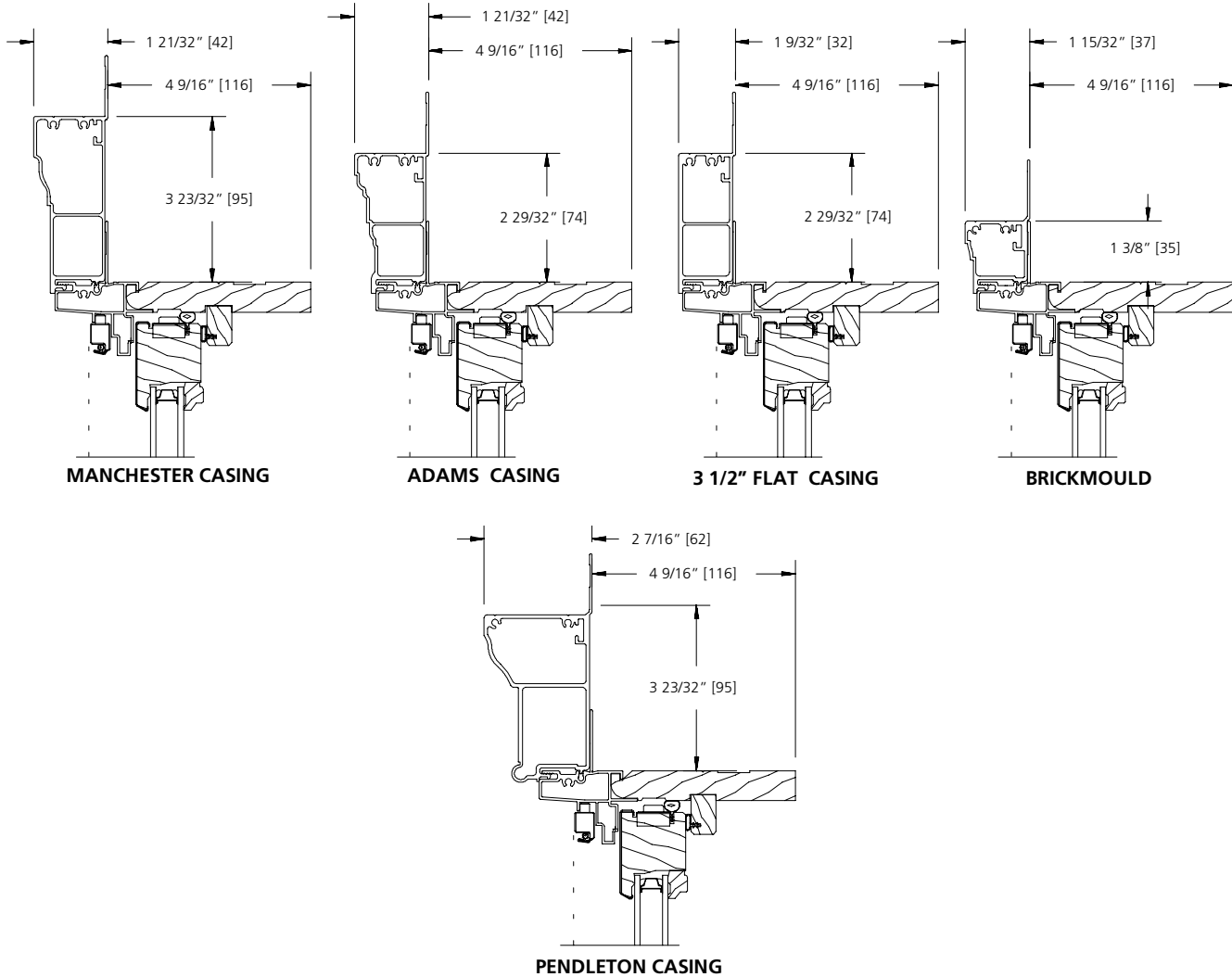


**1 1/8" SDL
(PUTTY/BEAD)**

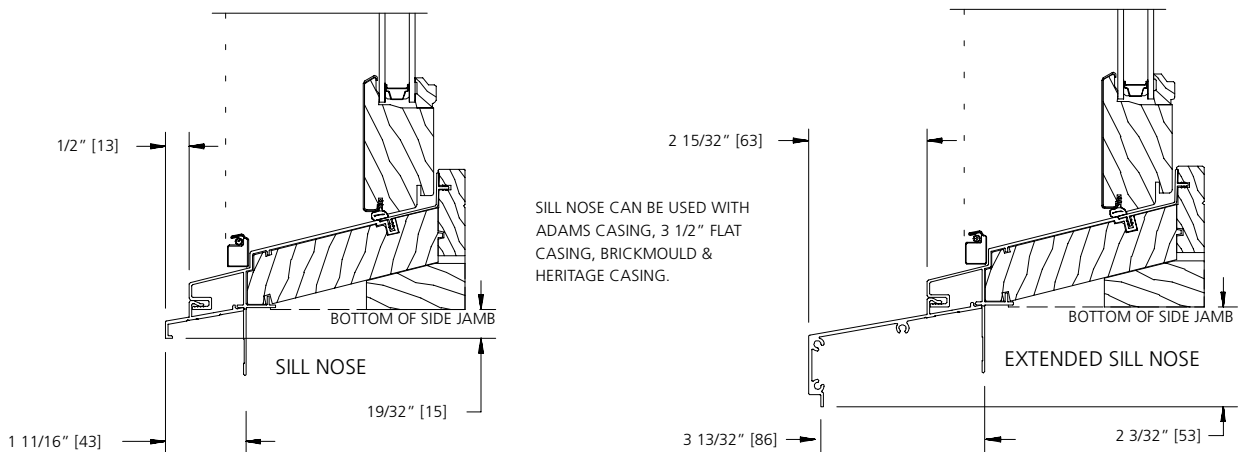
SCALE: NTS

**TRIM & SILL OPTIONS
DOUBLE-HUNG**

EXTERIOR TRIM



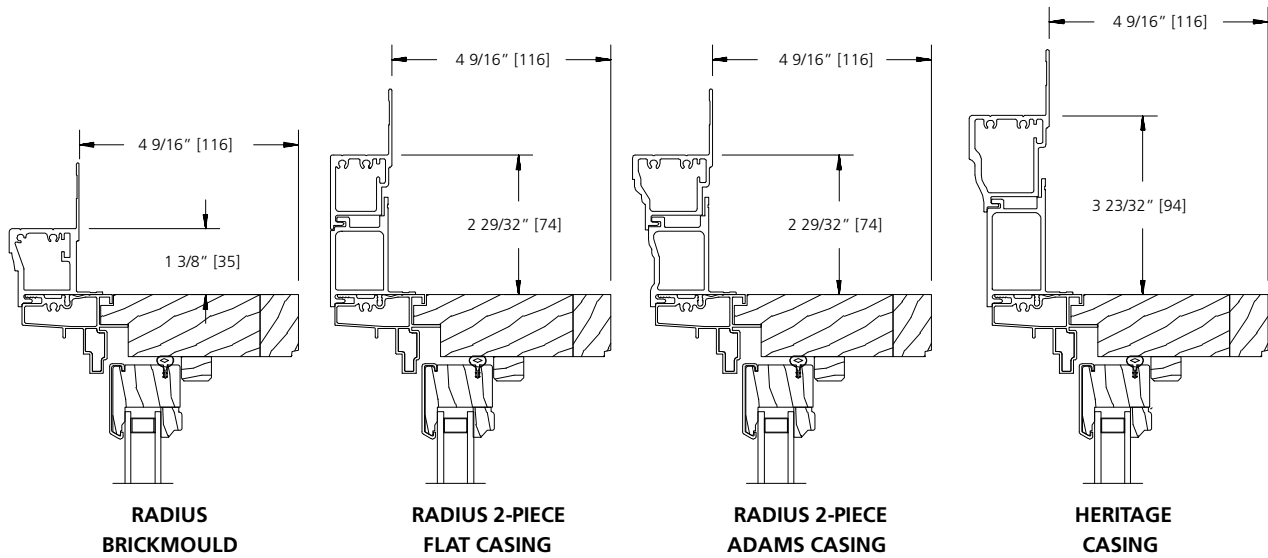
SILL NOSE OPTIONS



SCALE: 3" = 1'

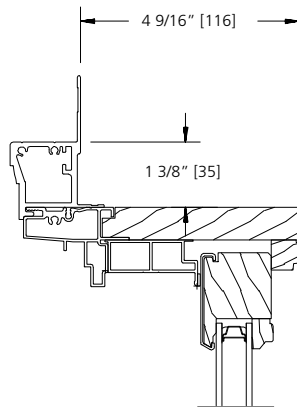
**TRIM OPTIONS
SECTOR TOP SINGLE-HUNG**

EXTERIOR TRIM



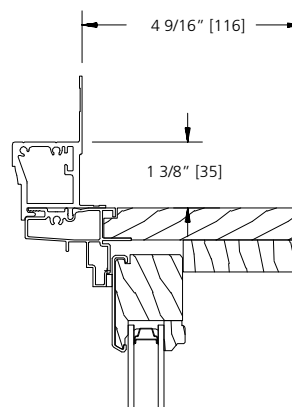
TRIM OPTIONS NOTE:
JAMB EXTENDERS & SILL OPTIONS ARE
CONSISTENT WITH CUSTOM CLAD
SECTOR TOP SINGLE-HUNGs.

RADIUS PICTURE WINDOW



**RADIUS
BRICKMOULD**

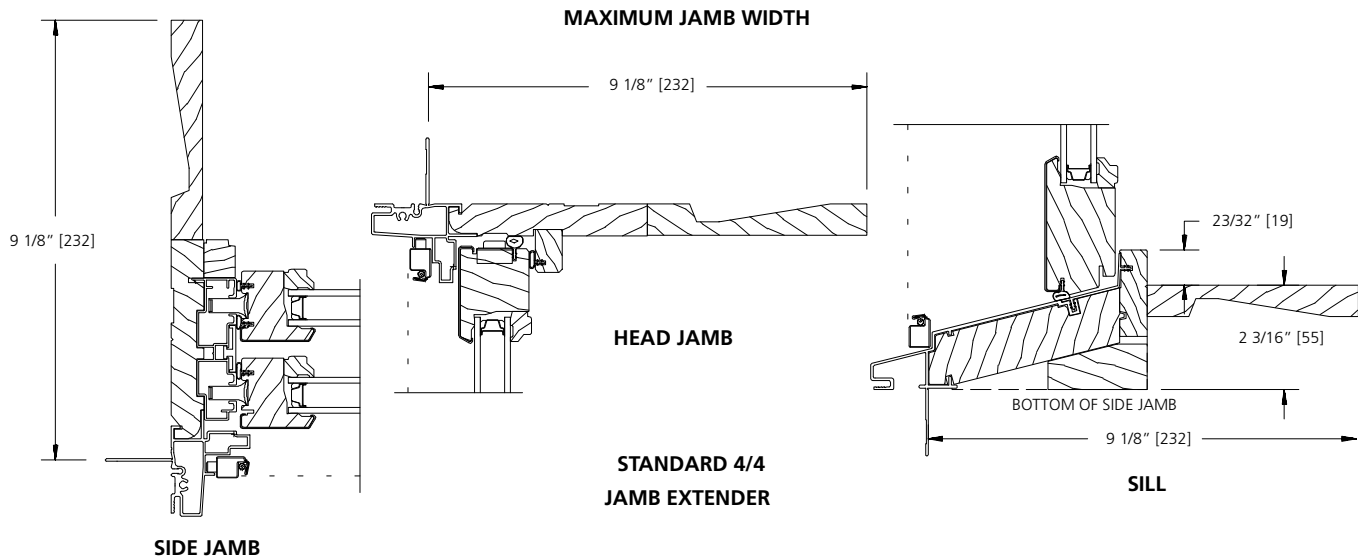
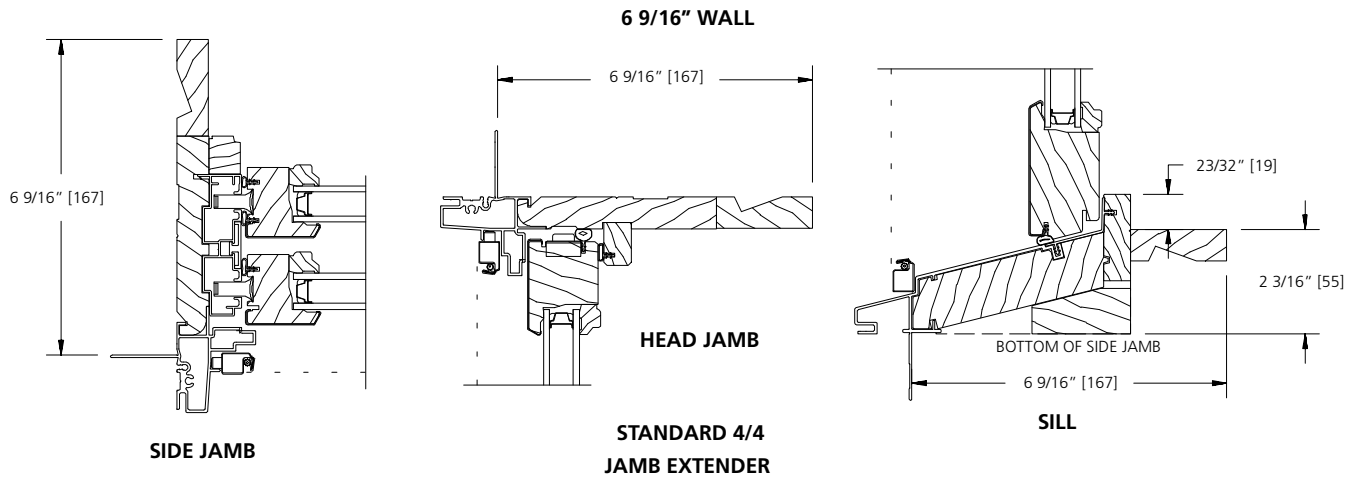
RADIUS TRANSOM



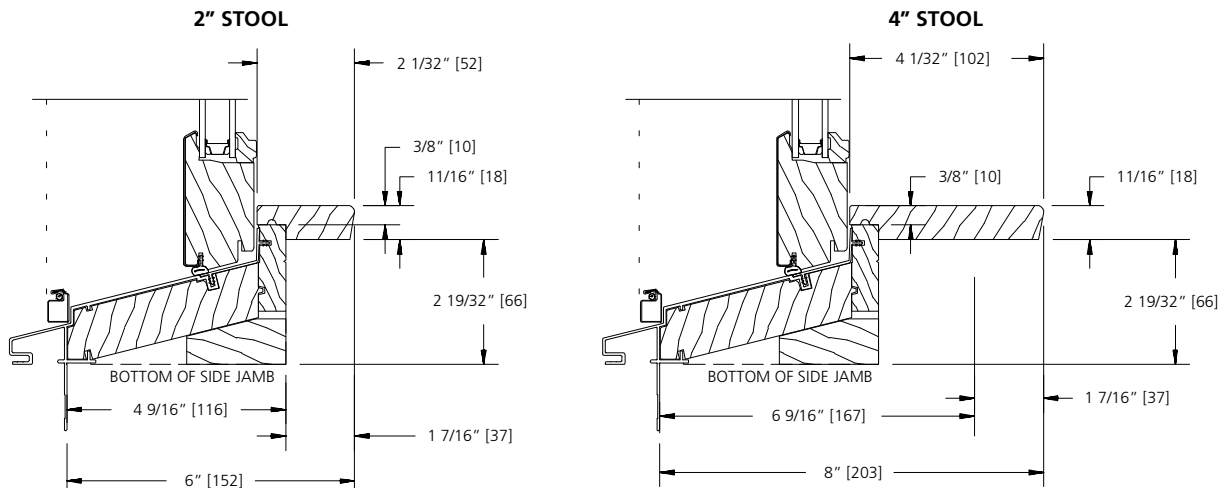
**RADIUS
BRICKMOULD**

SCALE: 3" = 1'

JAMB EXTENDER & STOOL OPTIONS



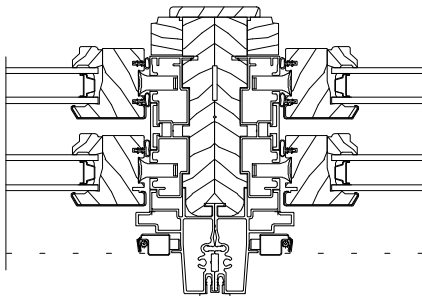
STOOL OPTIONS



SCALE: 3" = 1'

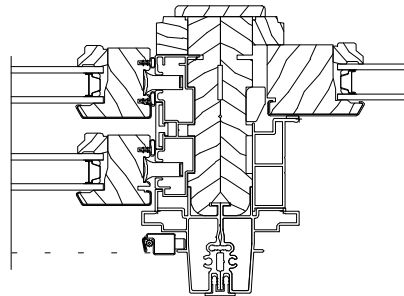
STANDARD MULLION DETAILS

HORIZONTAL MULLION



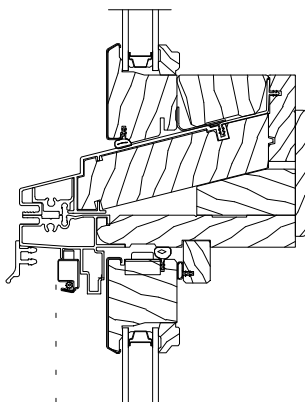
**DOUBLE-DOUBLE-HUNG
TO A DOUBLE-HUNG**

HORIZONTAL MULLION



**DOUBLE-HUNG NEXT
TO A PICTURE UNIT**

VERTICAL MULLION



**TRANSOM OVER
A DOUBLE-HUNG**

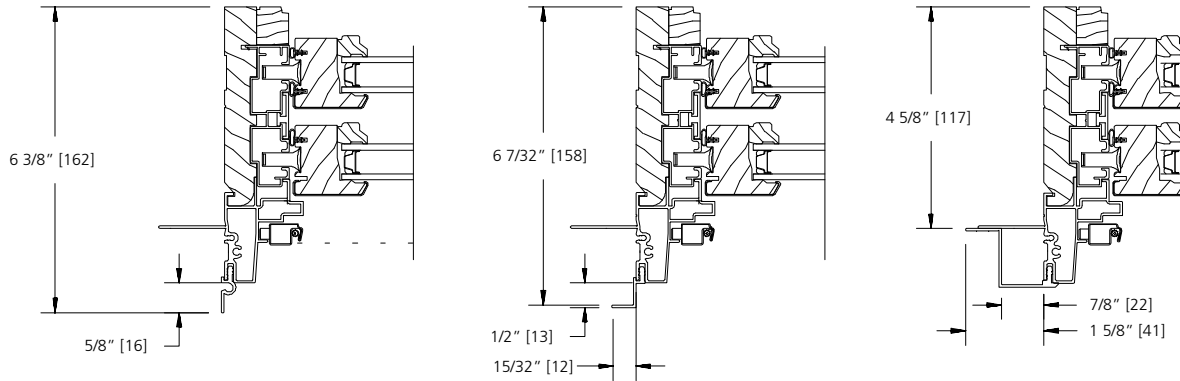
TRANSOM MULLING NOTE:

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 mullied units is equal to the frame height of the lower unit and the upper unit added together.

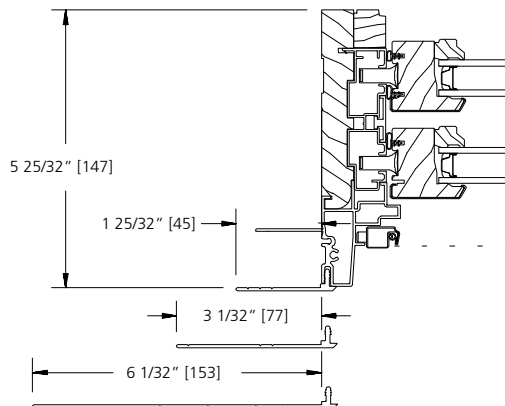
SPECIALTY TRIM & MULLION DETAILS

SPECIALTY EXTERIOR TRIM OPTIONS
CLAD DOUBLE-HUNG & HORIZONTAL GLIDING WINDOWS

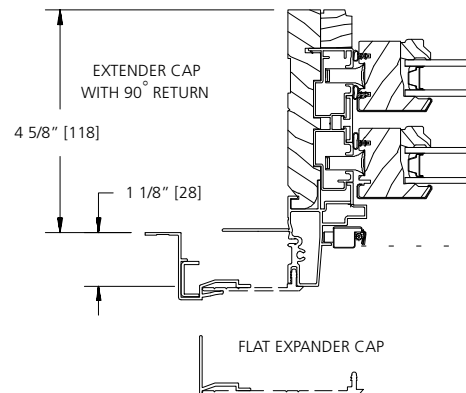
FRAME EXTENSIONS & RETURNS



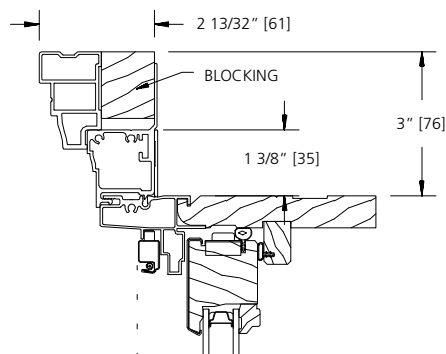
**FRAME EXPANDERS
STRAIGHTLINE ONLY**



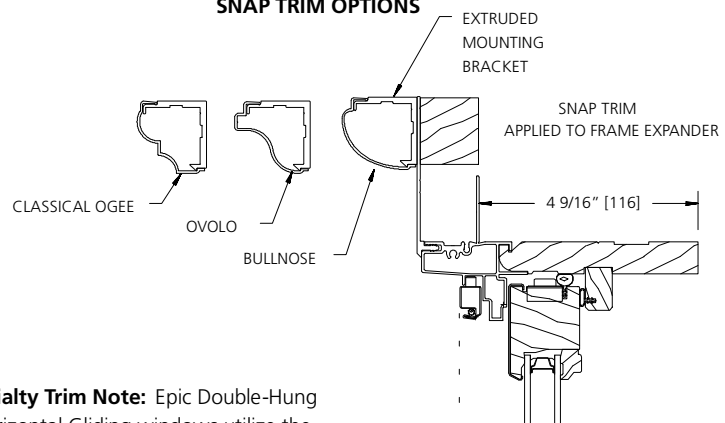
**FRAME EXPANDER CAPS
STRAIGHTLINE ONLY**



WILLIAMSBURG CASING OPTION



SNAP TRIM OPTIONS

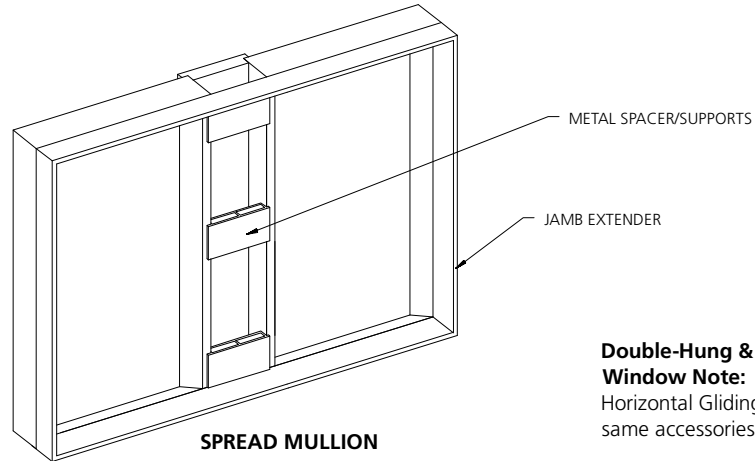


Specialty Trim Note: Epic Double-Hung & Horizontal Gliding windows utilize the same accessories & configurations.

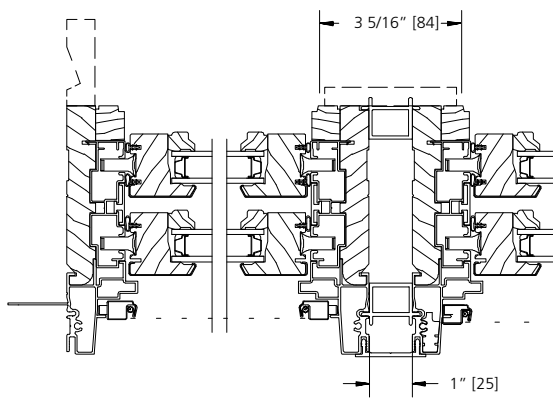
SPECIALTY TRIM & MULLION DETAILS

SPREAD MULLION DETAILS

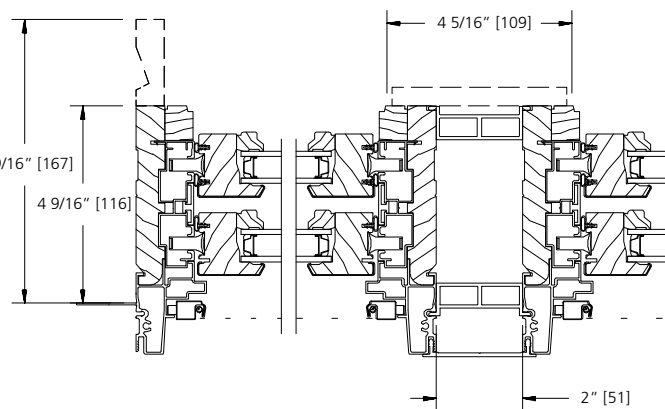
CLAD DOUBLE-HUNG & HORIZONTAL GLIDING WINDOWS



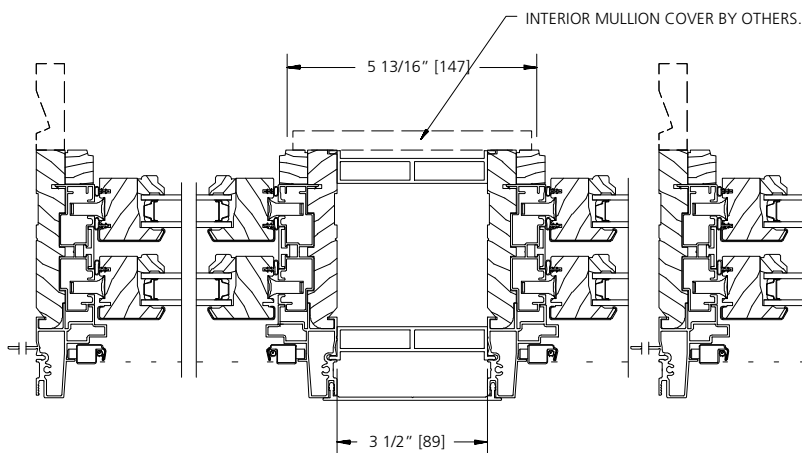
Double-Hung & Horizontal Gliding Window Note: Epic Double-Hung & Horizontal Gliding Windows utilize the same accessories & configurations.



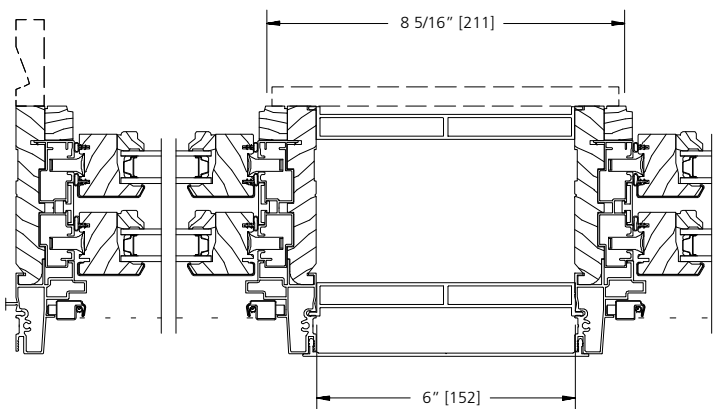
1" SPREAD MULLION



2" SPREAD MULLION



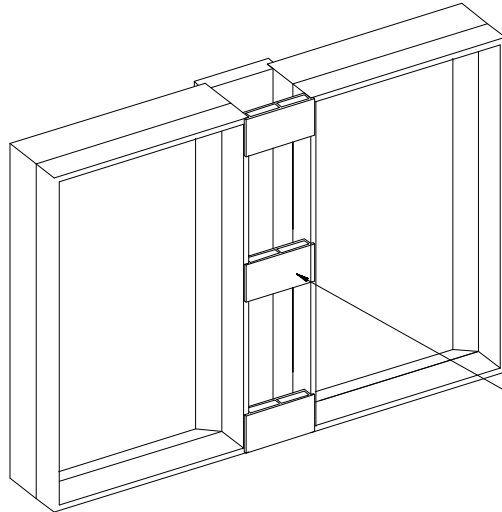
3 1/2" SPREAD MULLION



6" SPREAD MULLION

SPECIALTY TRIM & MULLION DETAILS

**STUD POCKET DETAILS
CLAD DOUBLE-HUNG & HORIZONTAL GLIDING WINDOWS**

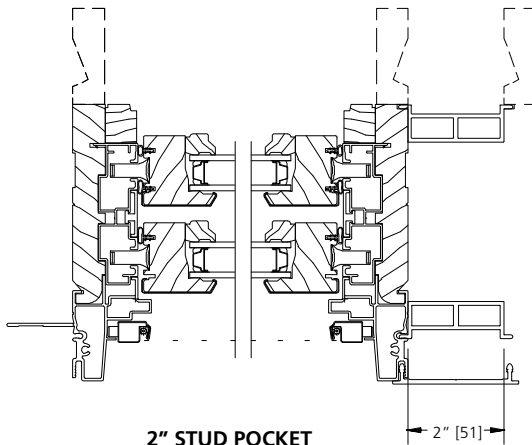


JAMB EXTENDER AROUND EACH UNIT

INTERIOR STUD POCKET SUPPORT IS A METAL EXTRUSION FOR SUPPORT DURING SHIPPING. INTENDED TO BE REMOVED FOR INSTALLATION.

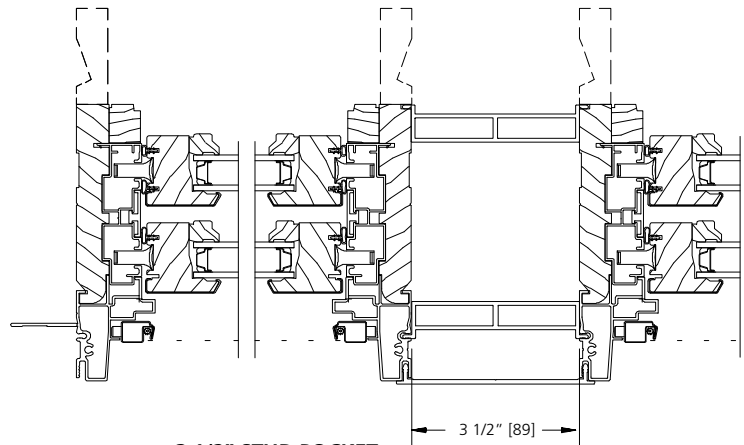
**STUD POCKET MULLION
VIEWED FROM INTERIOR**

Double-Hung & Horizontal Gliding Window Note: Epic Double-Hung & Horizontal Gliding Windows utilize the same accessories & configurations.



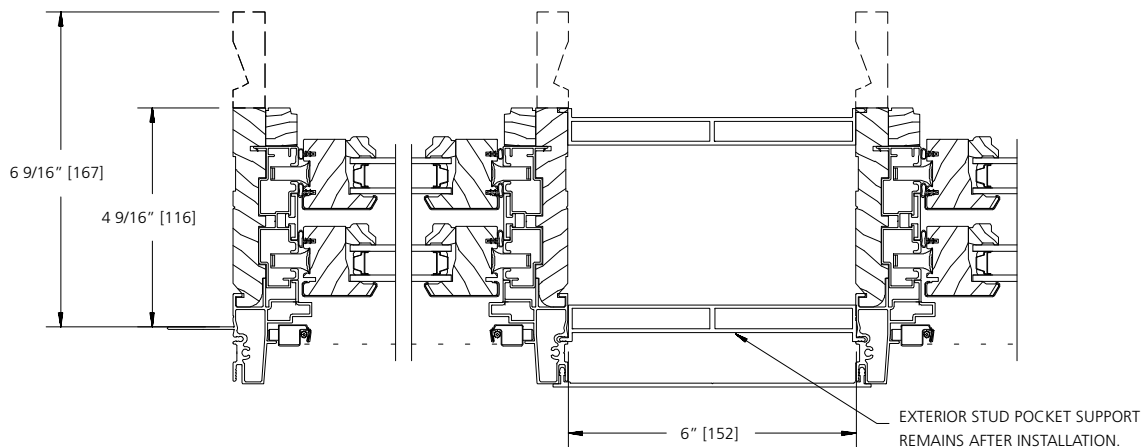
2" STUD POCKET

2" [51]



3 1/2" STUD POCKET

3 1/2" [89]



6 9/16" [167]

4 9/16" [116]

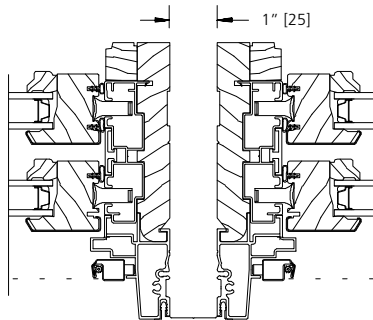
6" [152]

EXTERIOR STUD POCKET SUPPORT REMAINS AFTER INSTALLATION.

SPECIALTY TRIM & MULLION DETAILS

SPREAD MULLION DETAILS
CLAD DOUBLE-HUNG & HORIZONTAL GLIDING WINDOWS

**EXTERIOR SPREAD MULLIONS &
STUD POCKET COVERS**



1" MULLION COVER



2" MULLION COVER



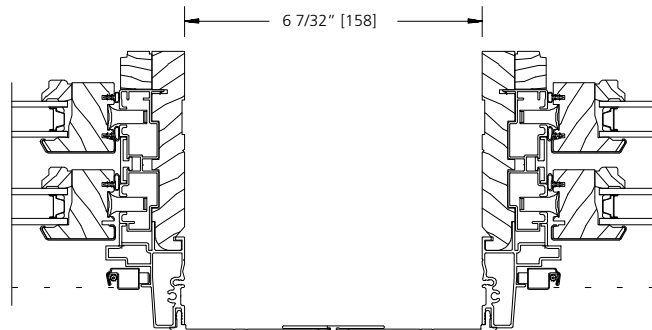
3 1/2" MULLION COVER



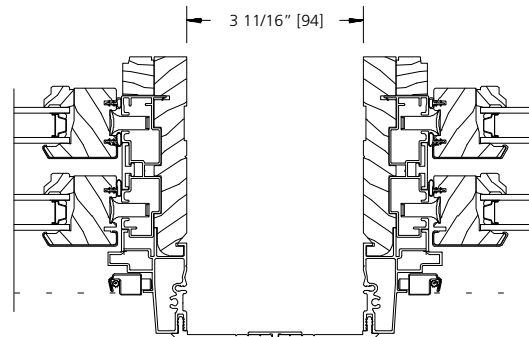
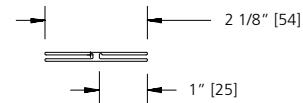
6" MULLION COVER

**Double-Hung & Horizontal Gliding
Window Note:** Epic Double-Hung &
Horizontal Gliding Windows utilize the
same accessories & configurations.

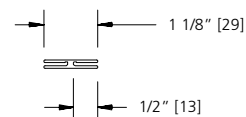
MULLION EXPANDERS



WIDE MULLION EXPANDER



NARROW MULLION EXPANDER

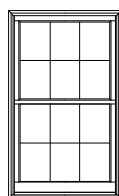


LITE CUT INFORMATION

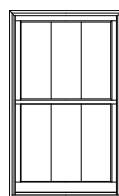
Clad double-hung windows are available with removable grilles in 7/8", 1-1/8" and 1-3/8" widths, GBG (Grilles between the Glass), and Simulated Divided Lites. Standard lite cuts are rectangular.

LITE CUT OPTIONS

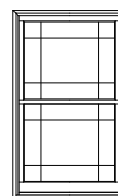
Special lite cut patterns can include a wide variety of straight line and radius patterns. The illustrations shown here represent just a few of the possibilities. Rectangular, horizontal, vertical and Prairie lite patterns are available in all standard size clad double-hung windows. Uneven, diamond,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



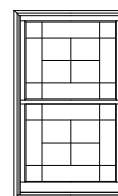
RECTANGULAR



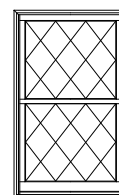
VERTICAL



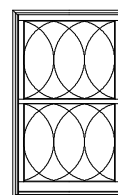
PRAIRIE



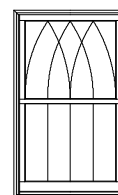
UNEVEN



DIAMOND



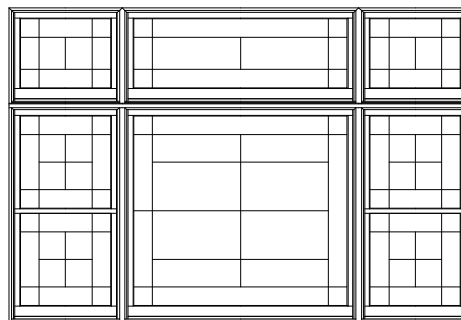
RADIUS



GOTHIC

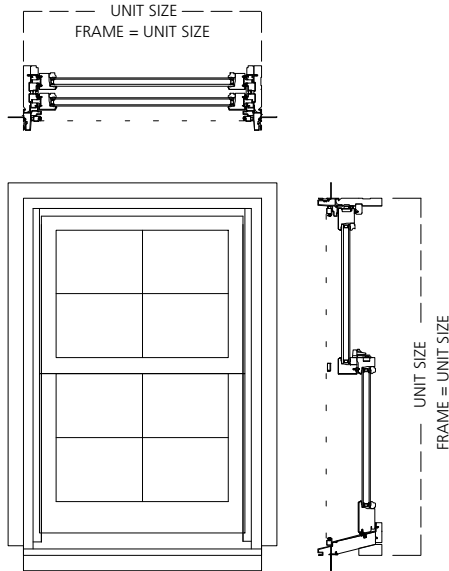
BAR ALIGNMENT

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.



**UNIT SIZING, ROUGH OPENINGS
& MASONRY OPENINGS
DOUBLE-HUNG**

**STANDARD OFFERING
DRIP CAP & NAILING FLANGE**



GENERAL NOTES:

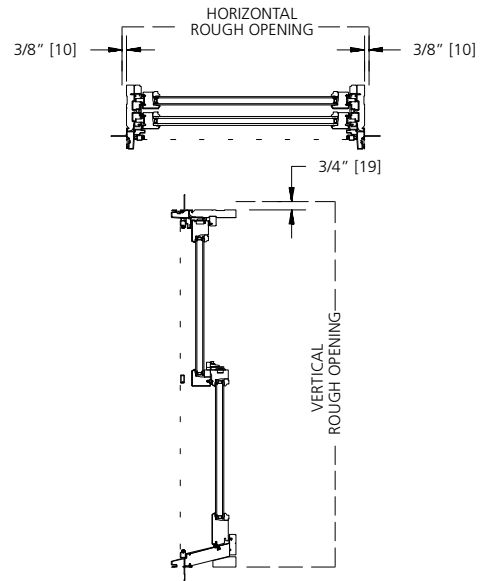
UNITS WITH NO TRIM AND SILL NOSE:
UNIT SIZE = FRAME SIZE

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

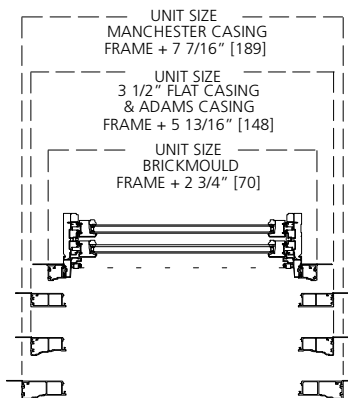
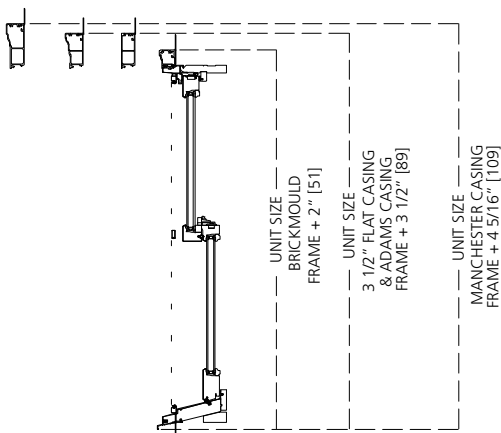
ROUGH OPENING:

ROUGH OPENING IS ALWAYS 3/4" OVER
FRAME SIZE OF THE WINDOW

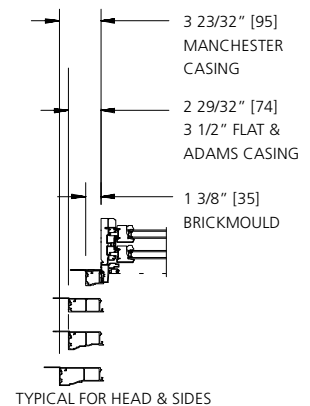


NON-STANDARD UNIT SIZING

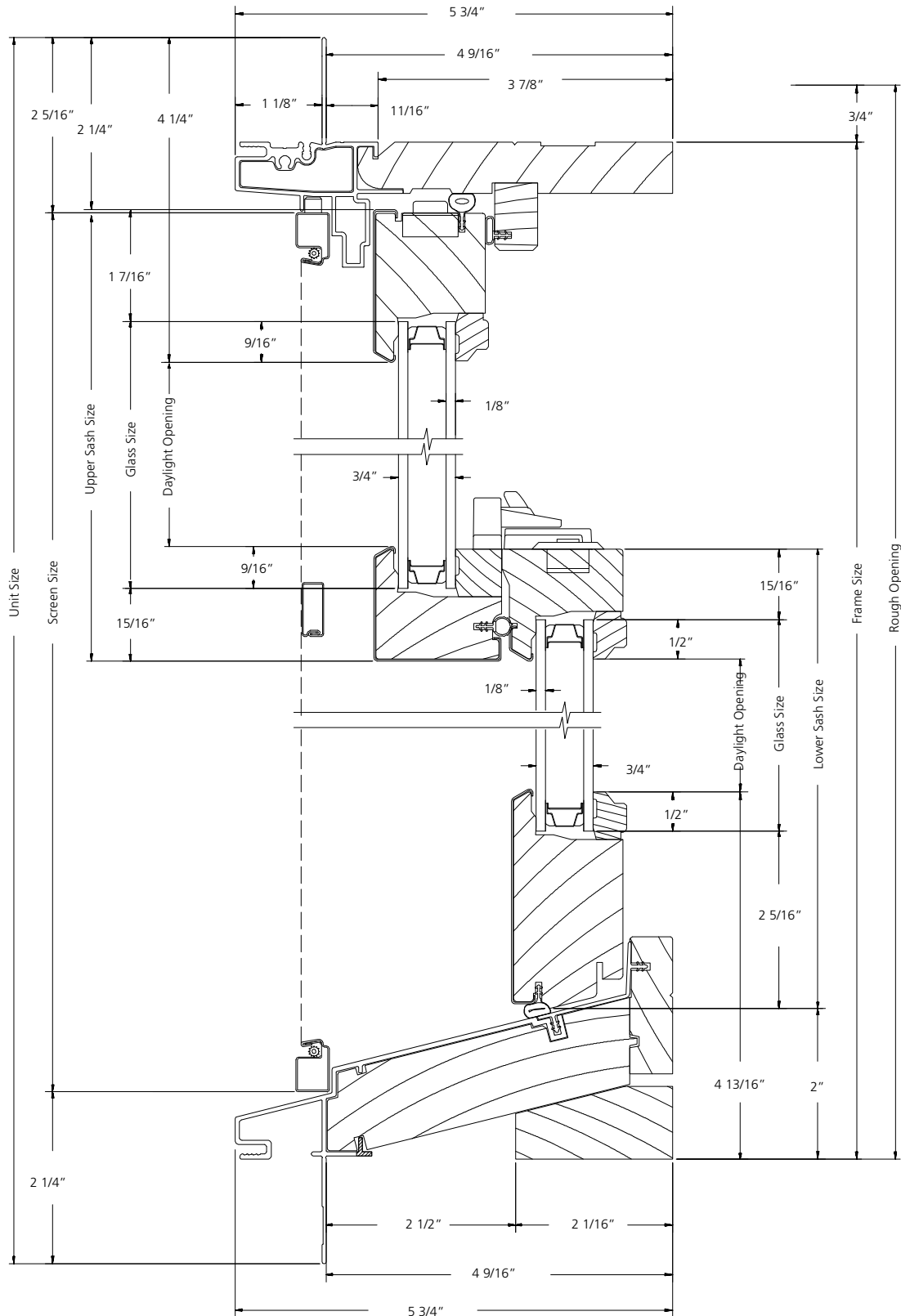
EXTERIOR TRIM OFFERINGS WITH SILL NOSE
EXTERIOR TRIM MUST USE SILL NOSE



**FRAME TO TRIM
DIMENSIONS**



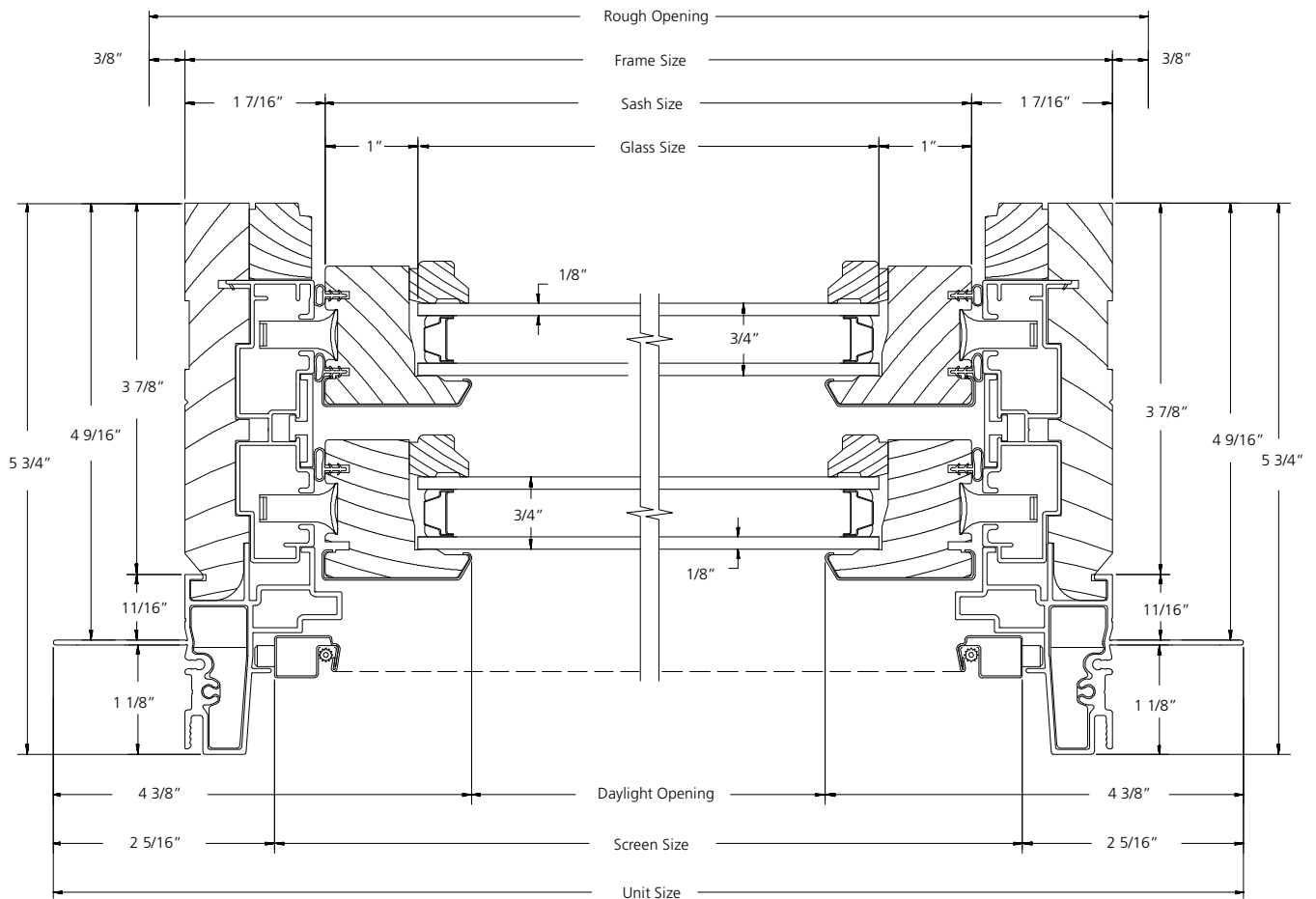
1-WIDE UNIT



VERTICAL SECTION

SCALE: 6" = 1'

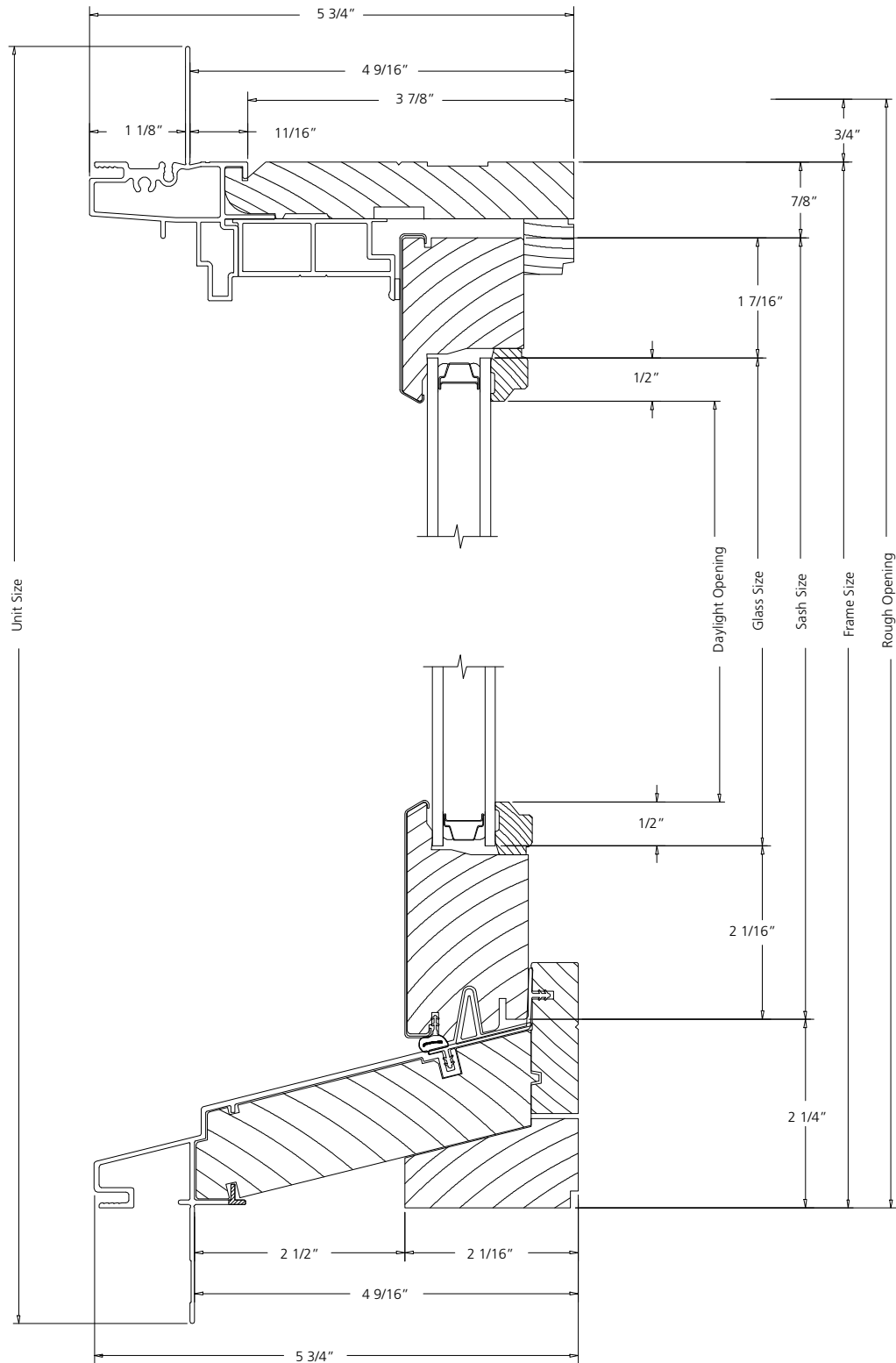
1-WIDE UNIT



HORIZONTAL SECTION

SCALE: 6" = 1'

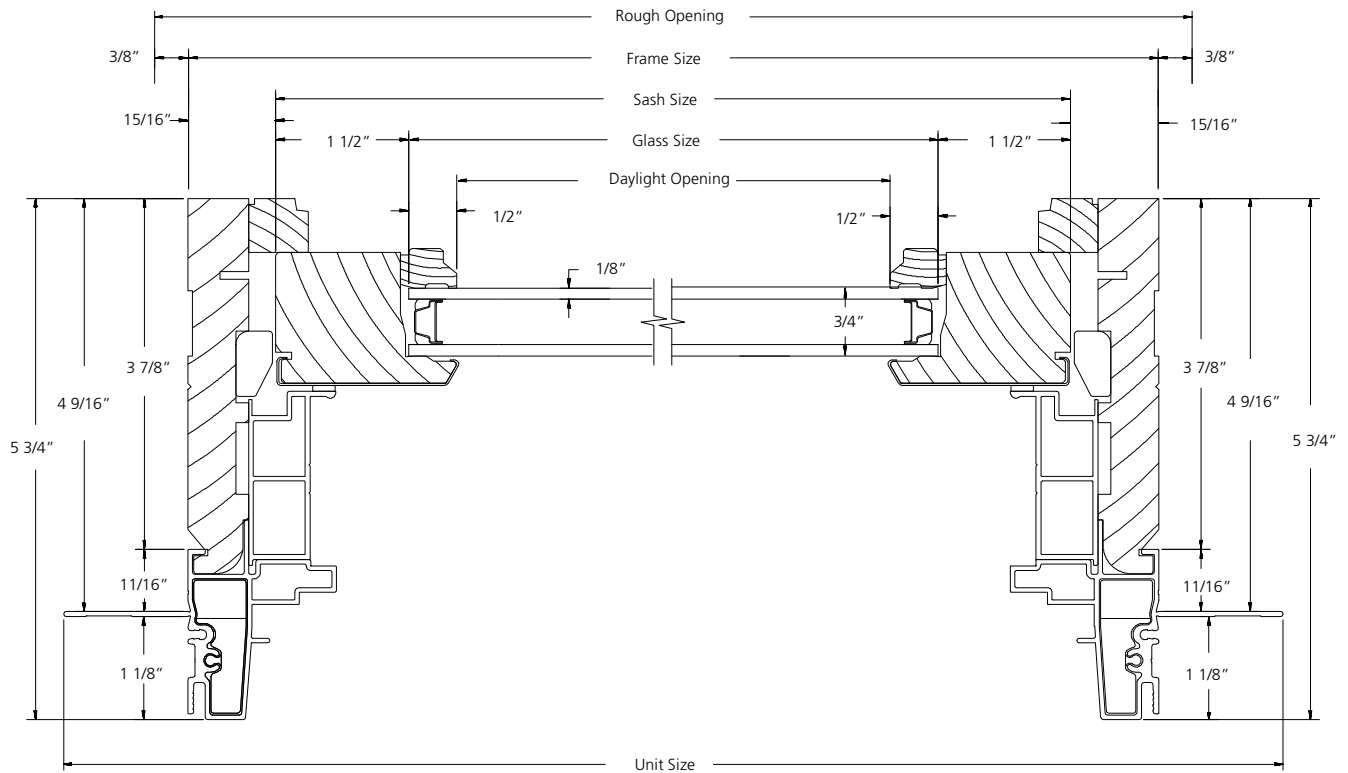
PICTURE UNIT



VERTICAL SECTION

SCALE: 6" = 1'

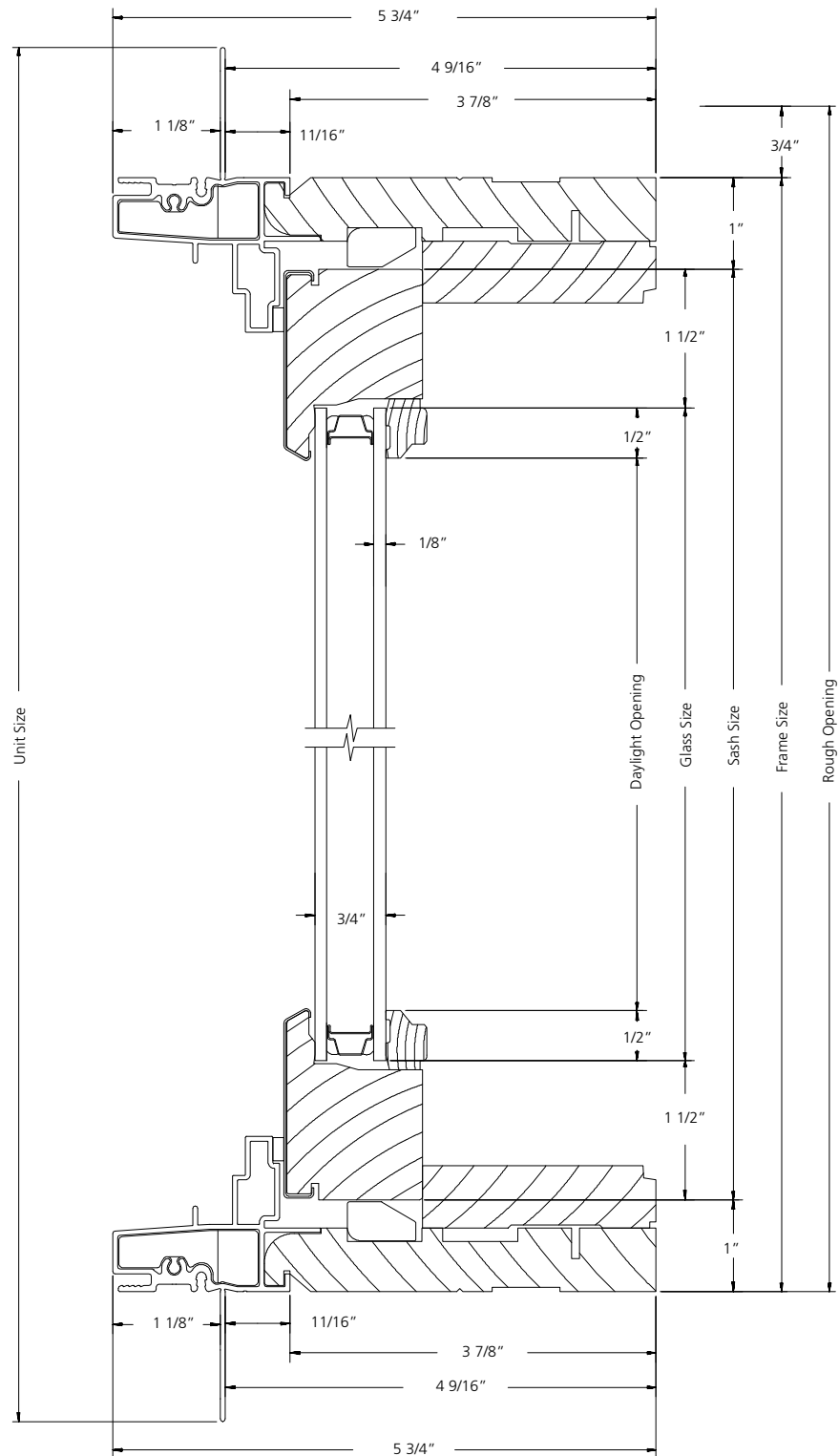
PICTURE UNIT



HORIZONTAL SECTION

SCALE: 6" = 1'

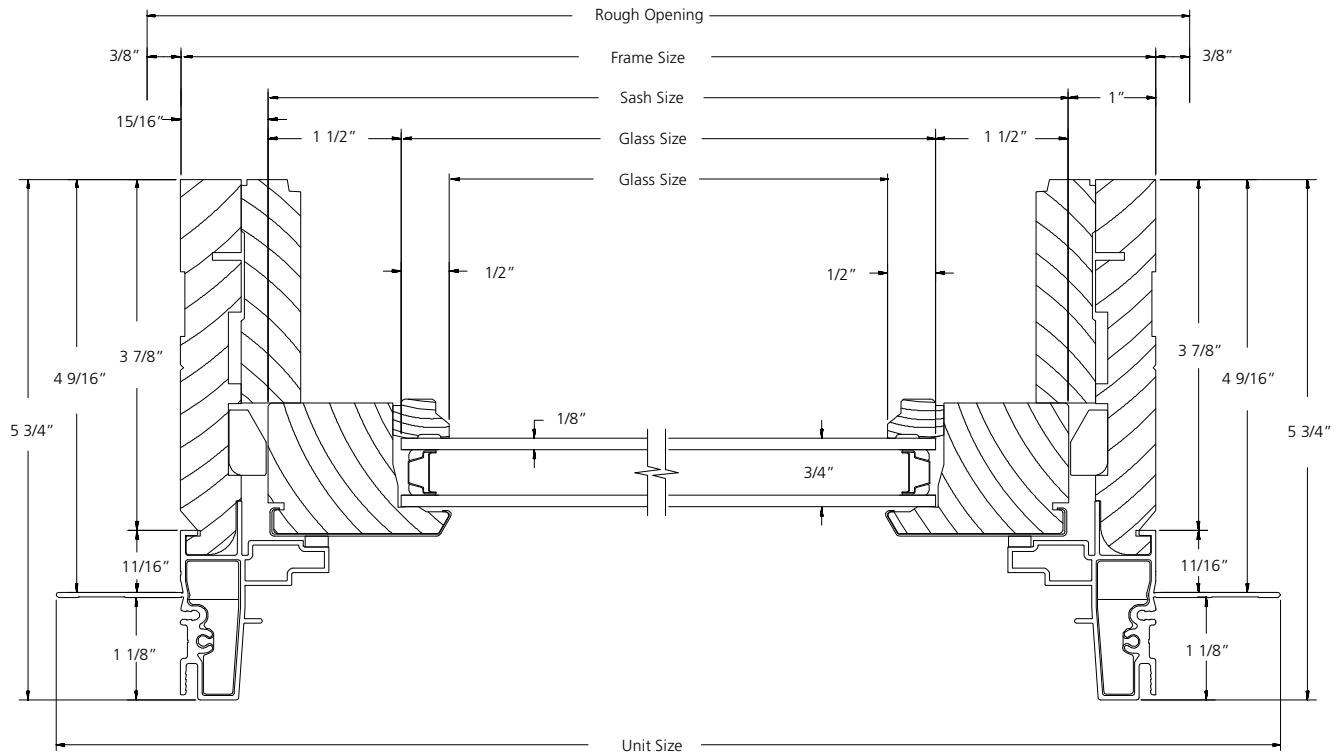
TRANSOM



VERTICAL SECTION

SCALE: $6" = 1'$

TRANSOM



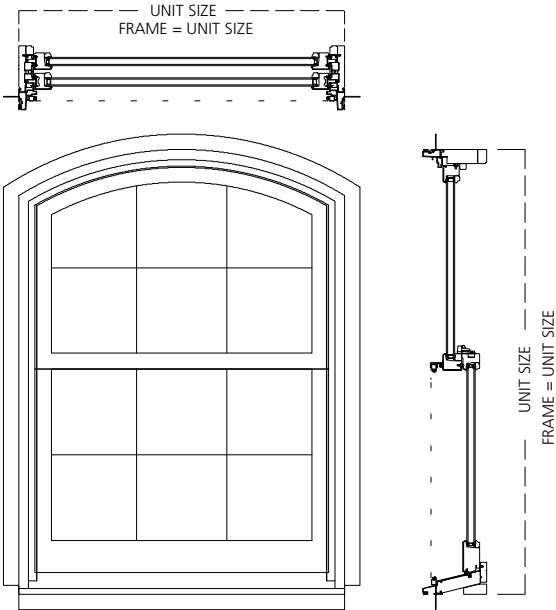
HORIZONTAL SECTION

SCALE: 6" = 1'

**UNIT SIZING, ROUGH OPENINGS
& MASONRY OPENINGS
SECTOR TOP SINGLE-HUNG**

STANDARD OFFERING

DRIP CAP & NAILING FLANGE



GENERAL NOTES:

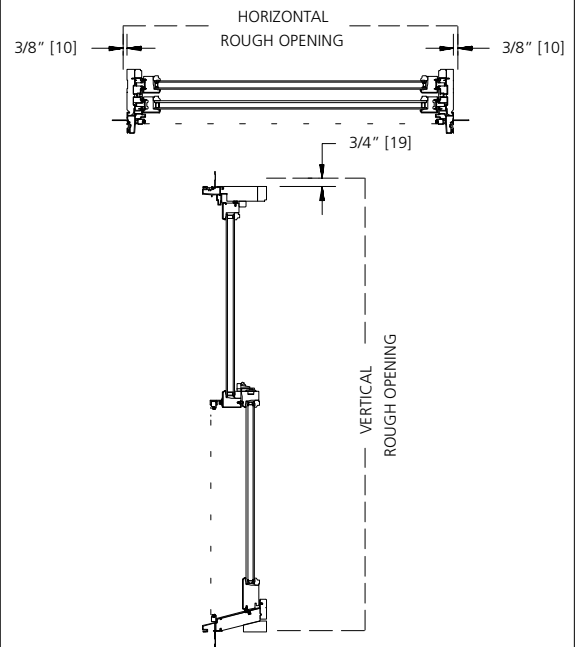
UNITS WITH NO TRIM AND SILL NOSE:
UNIT SIZE = FRAME SIZE

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

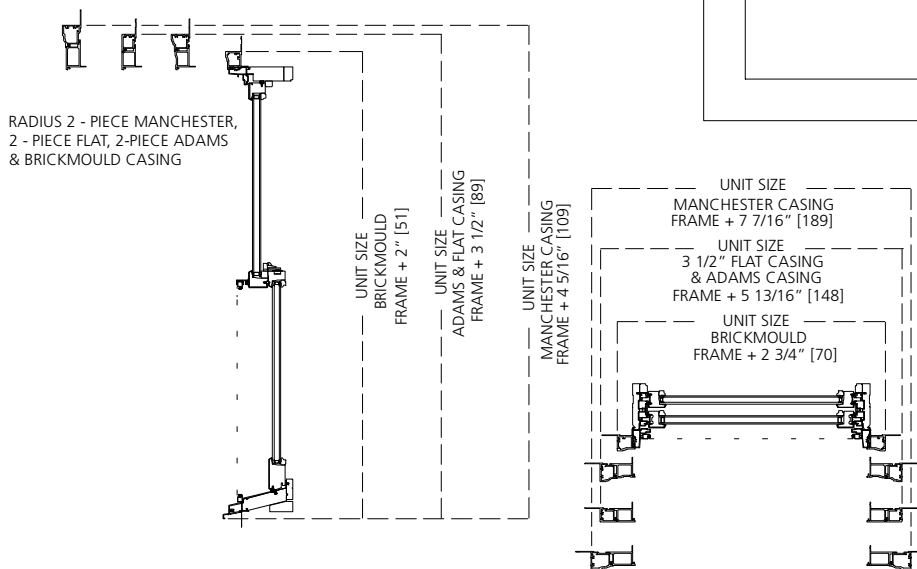
ROUGH OPENING:

ROUGH OPENING IS ALWAYS 3/4" OVER
FRAME SIZE OF THE WINDOW

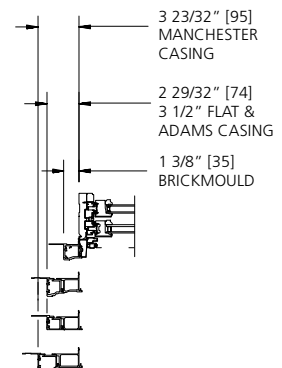


NON-STANDARD UNIT SIZING

EXTERIOR TRIM OFFERINGS WITH SILL NOSE
EXTERIOR TRIM MUST USE SILL NOSE

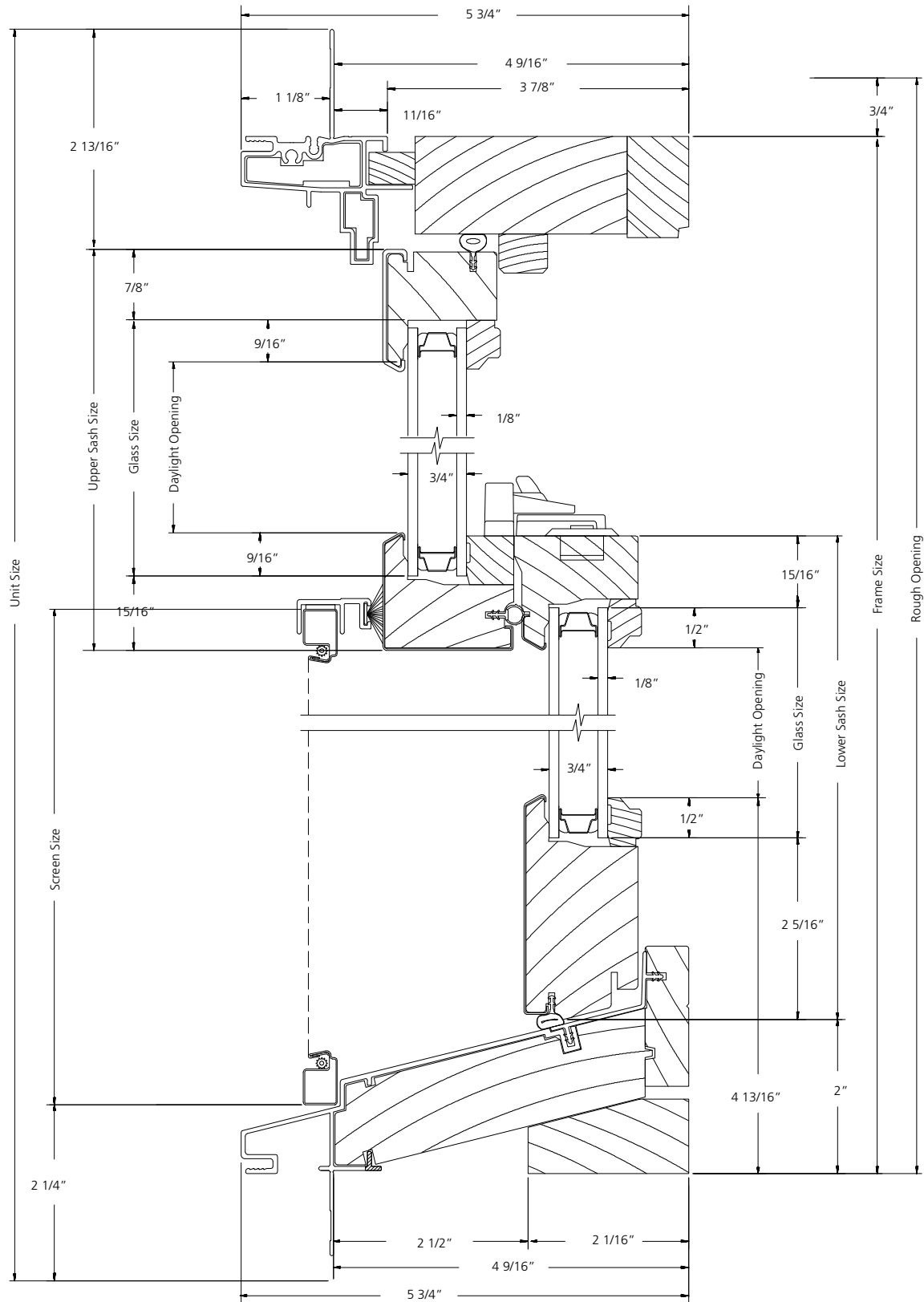


**FRAME TO TRIM
DIMENSIONS**



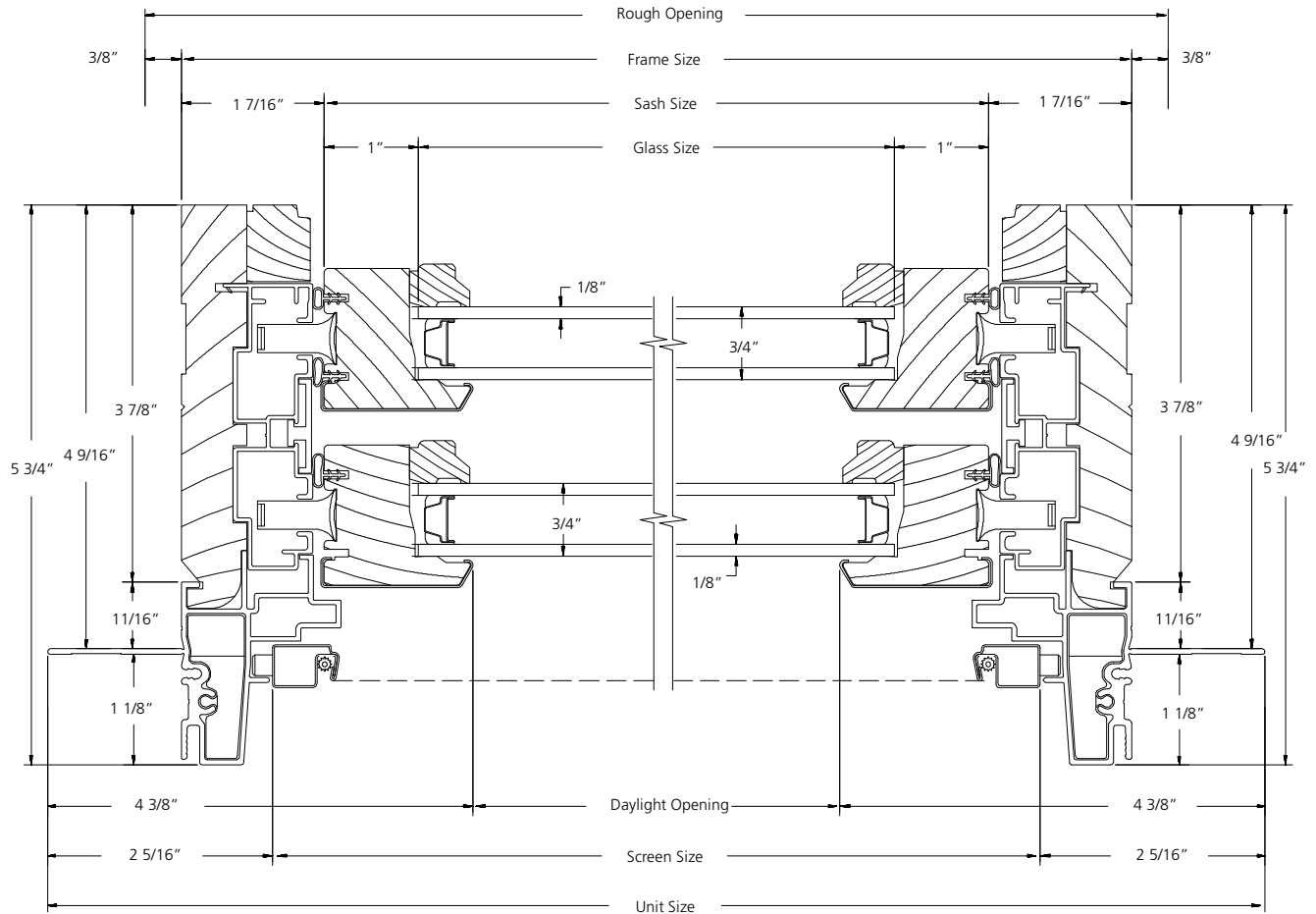
TYPICAL FOR HEAD & SIDES

SECTOR TOP UNIT 1-WIDE



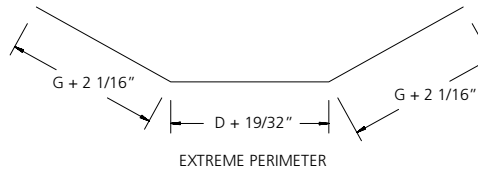
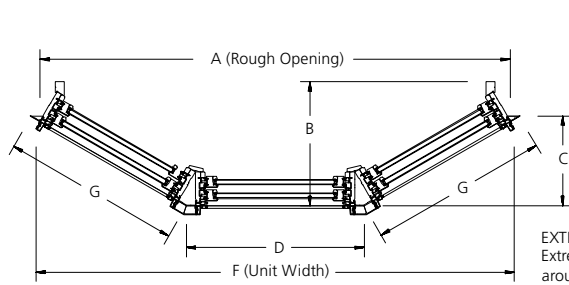
VERTICAL SECTION

SECTOR TOP UNIT 1-WIDE

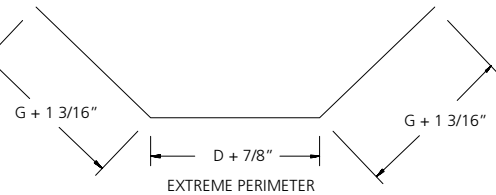
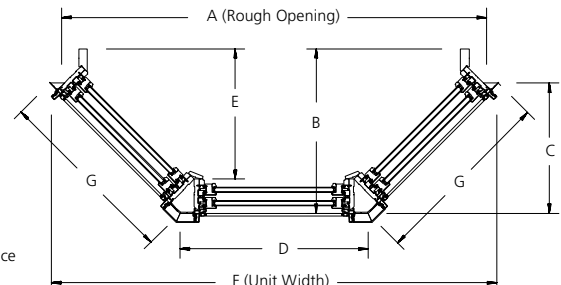


HORIZONTAL SECTION

BAY WINDOW HORIZONTAL SPECIFICATION TABLES



EXTREME PERIMETER
Extreme Perimeter is the distance around the face of the bay, beginning at the exterior sheathing and continuing around the assembly along the extreme face of the basic unit frame.



BOOKCODE NOTE:

CCD3Y2140-21

Flanker Frame Width

Frame Height

Center Frame Width

Degree of Bay Window (3=30°, 4=45°)

30° BAYS

Flanker Width	Center Width	A Rough Opening	F Unit Width	B Overall* Projection	C Projection Exterior Wall	E Seating* Depth	D Outside Mull To Mull	G Outside Mull To Mull
21	21	62 15/16	64 1/16	16 9/16	12	12	23 13/16	23 31/32
21	41	82 15/16	84 1/16	16 9/16	12	12	43 13/16	23 31/32
21	49	90 15/16	92 1/16	16 9/16	12	12	51 13/16	23 31/32
21	53	94 15/16	96 1/16	16 9/16	12	12	55 13/16	23 31/32
21	61	102 15/16	104 1/16	16 9/16	12	12	63 13/16	23 31/32
21	69	110 15/16	112 1/16	16 9/16	12	12	71 13/16	23 31/32

25	25	73 7/8	75	18 9/16	14	14	27 13/16	27 31/32
25	41	89 7/8	91	18 9/16	14	14	43 13/16	27 31/32
25	49	97 7/8	99	18 9/16	14	14	51 13/16	27 31/32
25	53	101 7/8	103	18 9/16	14	14	55 13/16	27 31/32
25	61	109 7/8	111	18 9/16	14	14	63 13/16	27 31/32
25	69	117 7/8	119	18 9/16	14	14	71 13/16	27 31/32

29	29	84 13/16	85 15/16	20 9/16	16	16	31 13/16	31 31/32
29	41	96 13/16	97 15/16	20 9/16	16	16	43 13/16	31 31/32
29	49	104 13/16	105 15/16	20 9/16	16	16	51 13/16	31 31/32
29	53	108 13/16	109 15/16	20 9/16	16	16	55 13/16	31 31/32
29	61	116 13/16	117 15/16	20 9/16	16	16	63 13/16	31 31/32
29	69	124 13/16	125 15/16	20 9/16	16	16	71 13/16	31 31/32

45° BAYS

Flanker Width	Center Width	A Rough Opening	F Unit Width	B Overall* Projection	C Projection Exterior Wall	E Seating* Depth	D Outside Mull To Mull	G Outside Mull To Mull
21	21	56 7/8	59 5/8	22	17 7/16	17 7/16	25 5/32	24 5/8
21	41	76 7/8	79 5/8	22	17 7/16	17 7/16	45 5/32	24 5/8
21	49	84 7/8	87 5/8	22	17 7/16	17 7/16	53 5/32	24 5/8
21	53	88 7/8	91 5/8	22	17 7/16	17 7/16	57 5/32	24 5/8
21	61	96 7/8	99 5/8	22	17 7/16	17 7/16	65 5/32	24 5/8
21	69	104 7/8	107 5/8	22	17 7/16	17 7/16	73 5/32	24 5/8

25	25	66 1/2	69 5/16	24 13/16	20 1/4	20 1/4	29 5/32	28 5/8
25	41	82 1/2	85 5/16	24 13/16	20 1/4	20 1/4	45 5/32	28 5/8
25	49	90 1/2	93 5/16	24 13/16	20 1/4	20 1/4	53 5/32	28 5/8
25	53	94 1/2	97 5/16	24 13/16	20 1/4	20 1/4	57 5/32	28 5/8
25	61	102 1/2	105 5/16	24 13/16	20 1/4	20 1/4	65 5/32	28 5/8
25	69	110 1/2	113 5/16	24 13/16	20 1/4	20 1/4	73 5/32	28 5/8

29	29	76 3/16	78 15/16	27 21/32	23 3/32	23 3/32	33 5/32	32 5/8
29	37	88 3/16	90 15/16	27 21/32	23 3/32	23 3/32	45 5/32	32 5/8
29	49	96 3/16	98 15/16	27 21/32	23 3/32	23 3/32	53 5/32	32 5/8
29	53	100 3/16	102 15/16	27 21/32	23 3/32	23 3/32	57 5/32	32 5/8
29	61	108 3/16	110 15/16	27 21/32	23 3/32	23 3/32	65 5/32	32 5/8
29	69	116 3/16	118 15/16	27 21/32	23 3/32	23 3/32	73 5/32	32 5/8

4 9/16 and 6 9/16 WALL APPLICATION

The tables above reflect a 4 9/16" wall application. To convert to 6 9/16" wall application add 2" to the figures in the columns which show an asterisk (*), B and E.

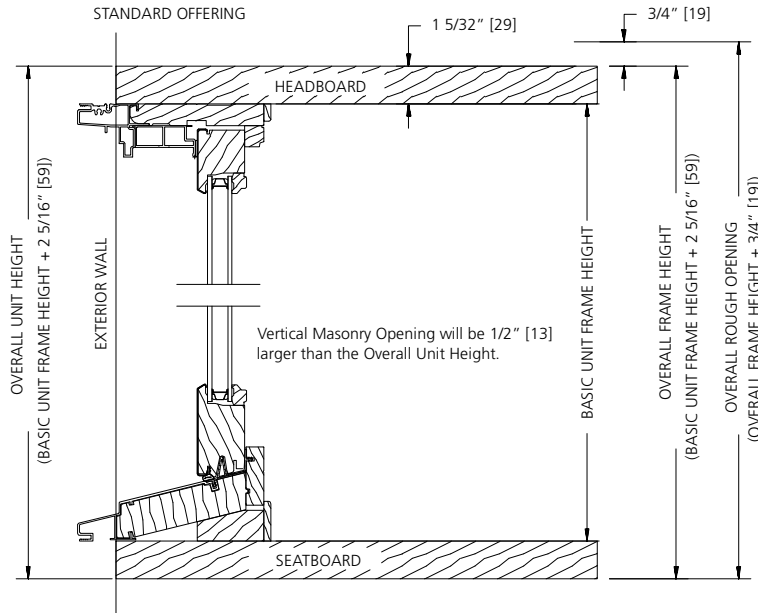
BAY WINDOW ROUGH OPENINGS

BAY WINDOW TRIM OPTIONS

The standard offerings for clad double hung bay windows is 'frame only' and brickmould and sillnose. Other trim options subject to approval.

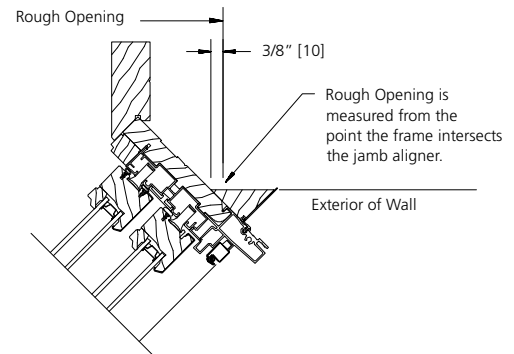
VERTICAL ROUGH OPENING

Rough Opening typical for all Units



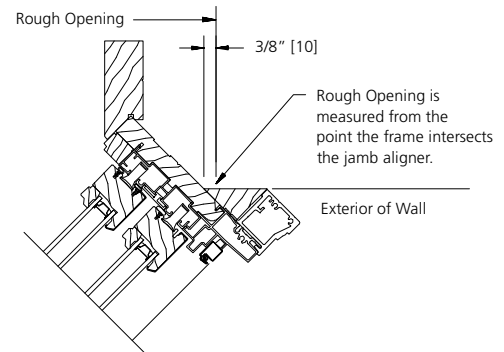
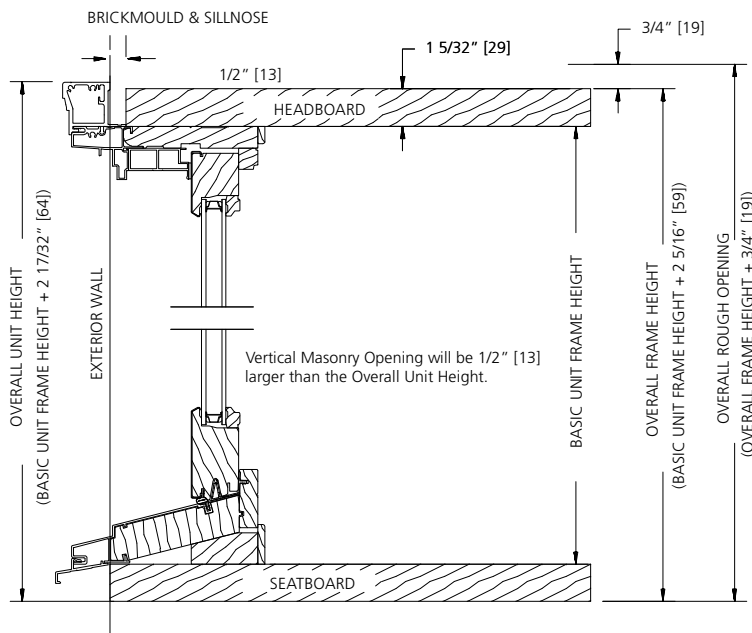
HORIZONTAL ROUGH OPENING

Rough Opening typical for all Units



30° & 45° BAYS

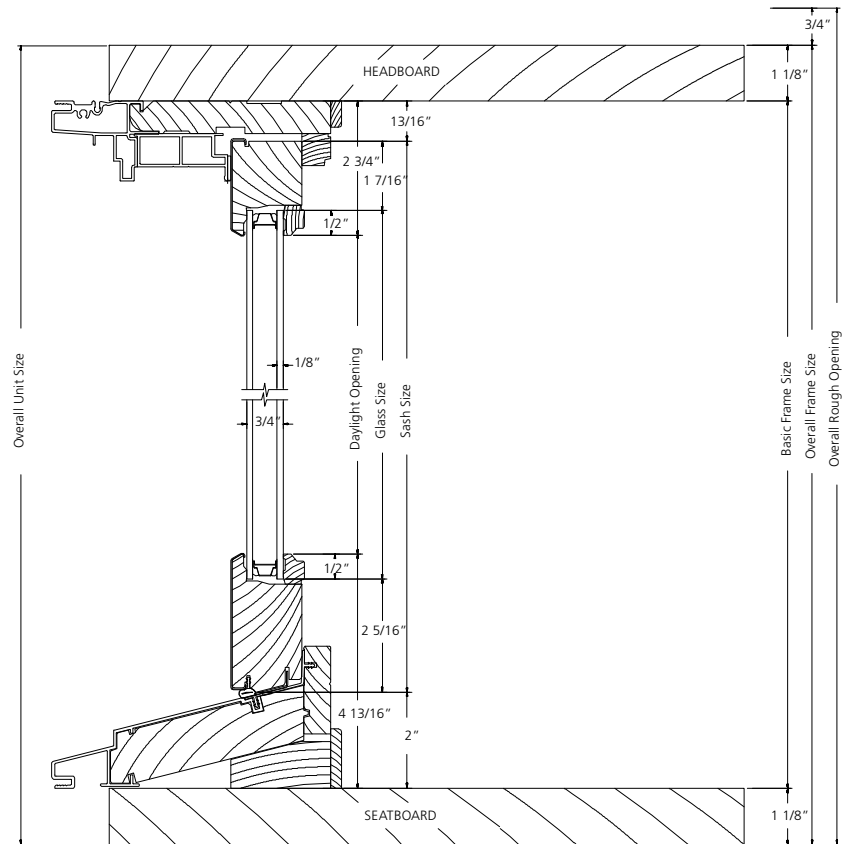
45° Bay shown without trim



30° & 45° BAYS

45° Bay shown with Brickmould

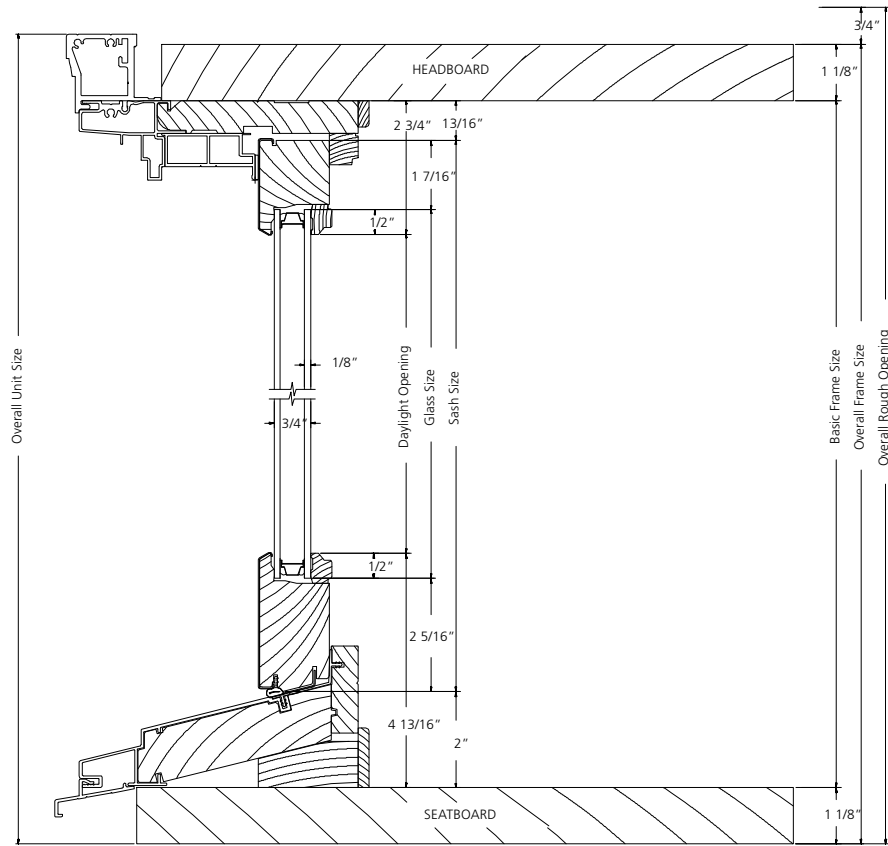
30° ANGLE BAY UNIT
NO TRIM



VERTICAL SECTION

SCALE: 3" = 1'

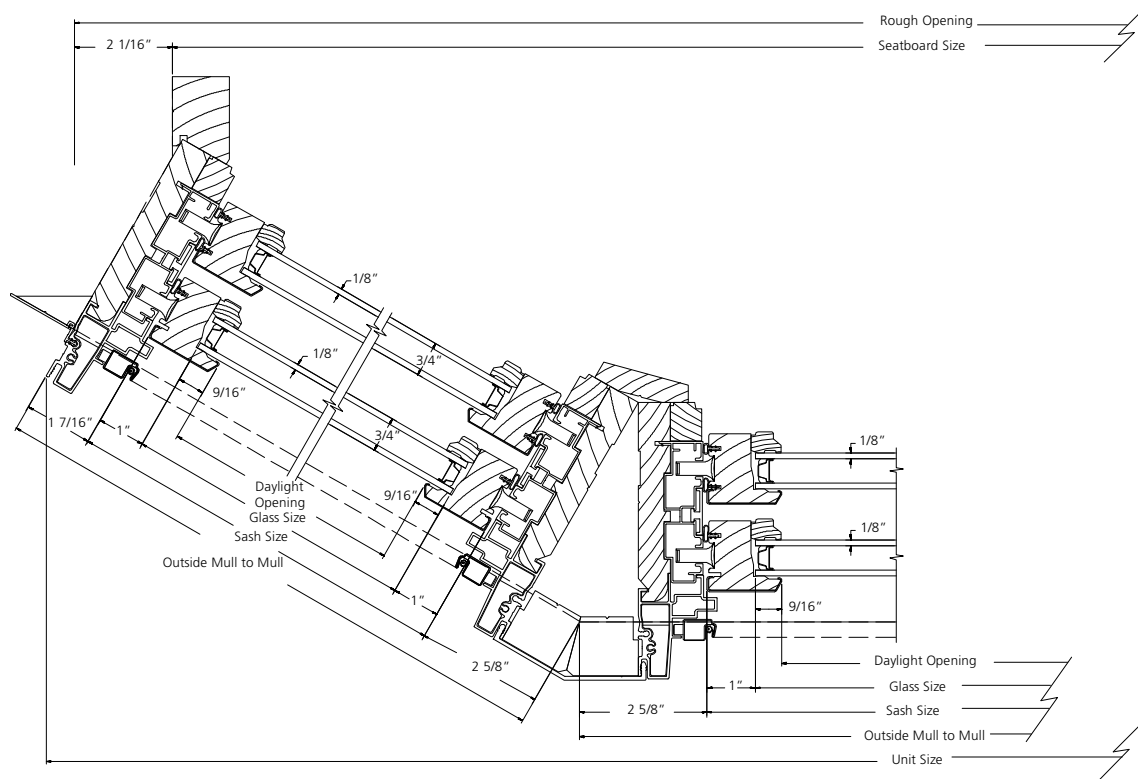
**30° ANGLE BAY UNIT
WITH BRICKMOULD AND SILL**



VERTICAL SECTION

SCALE: 3" = 1'

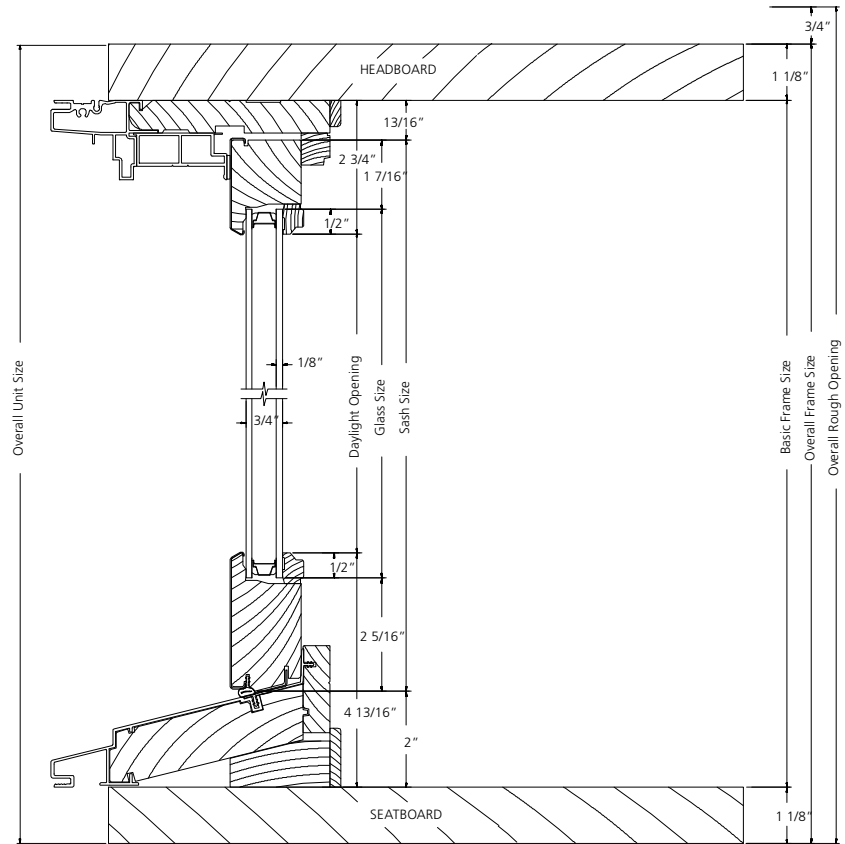
30° ANGLE BAY UNIT



HORIZONTAL SECTION

SCALE: 3" = 1'

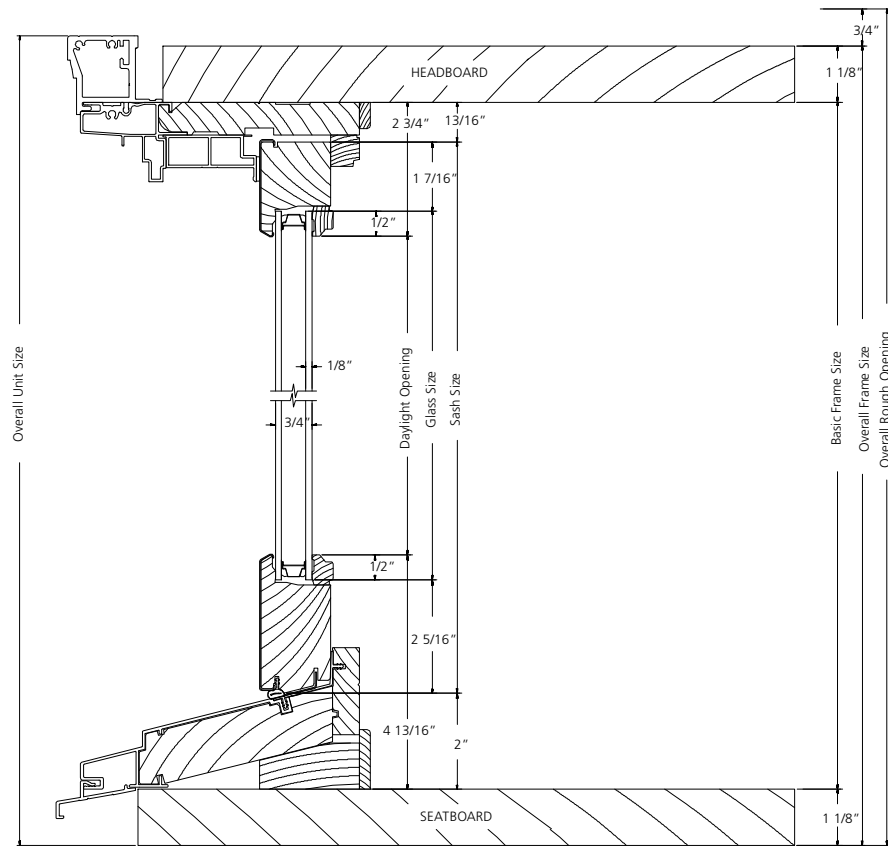
45° ANGLE BAY UNIT
NO TRIM



VERTICAL SECTION

SCALE: 3" = 1'

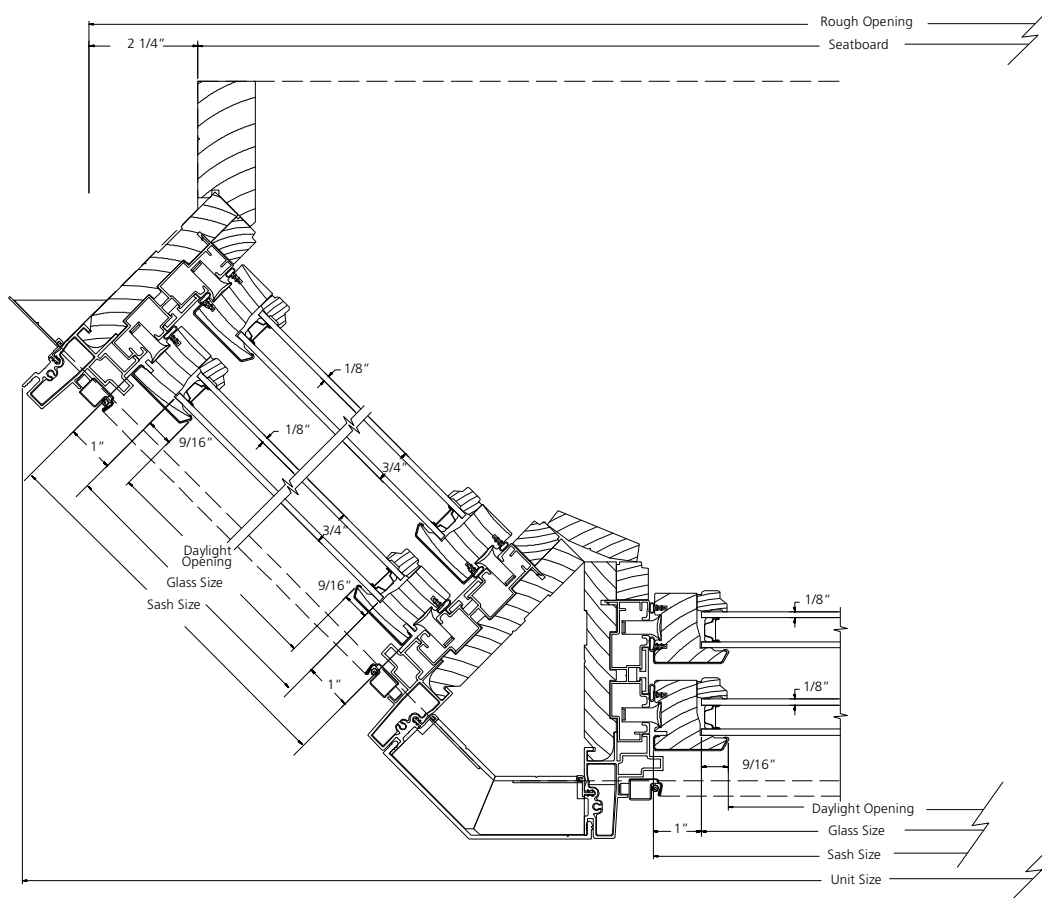
**45° ANGLE BAY UNIT
WITH BRICKMOULD AND SILL**



VERTICAL SECTION

SCALE: 3" = 1'

45° ANGLE BAY UNIT



HORIZONTAL SECTION

SCALE: 3" = 1'