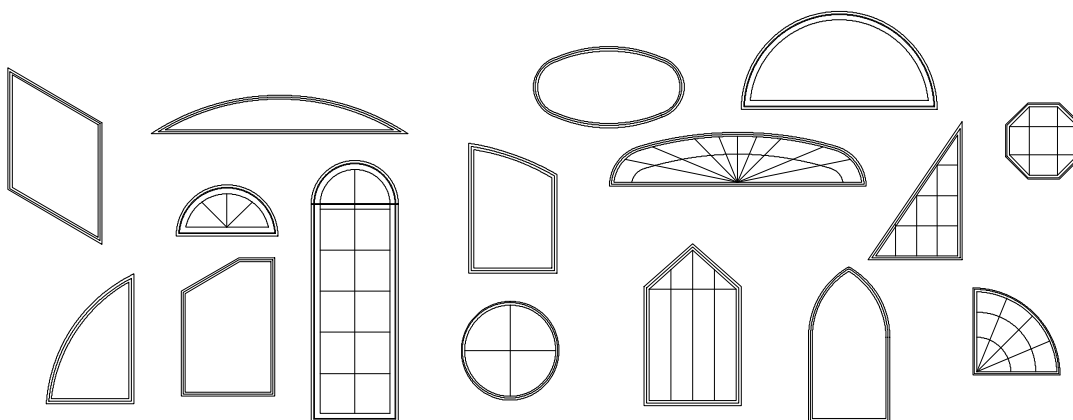

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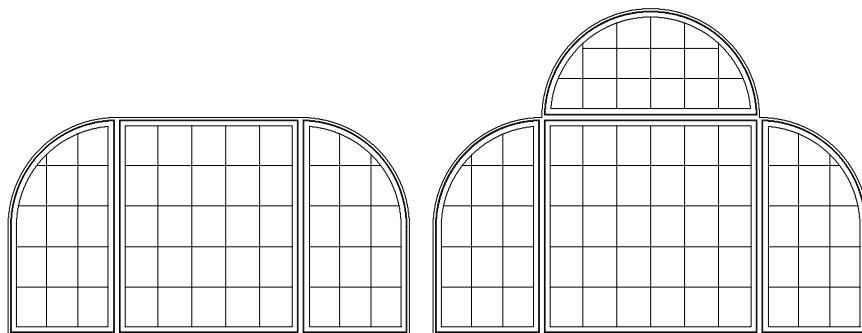
GENERAL INFORMATION

STANDARD SIZES & DESIGNS

Clad geometric windows are produced one-at-a-time to customer order, and are available in a nearly infinite range of sizes and shapes. Specified sizes, angles, and radii can be attained in finished units, to meet the most demanding architectural requirements.

**MULTIPLE ASSEMBLIES**

Clad direct set geometric windows may be mullled above, below, or beside other clad geometric windows, or other clad window or patio door products. Factory assembled mulls are limited in height (100"), width (150"), and total area (75 square feet).

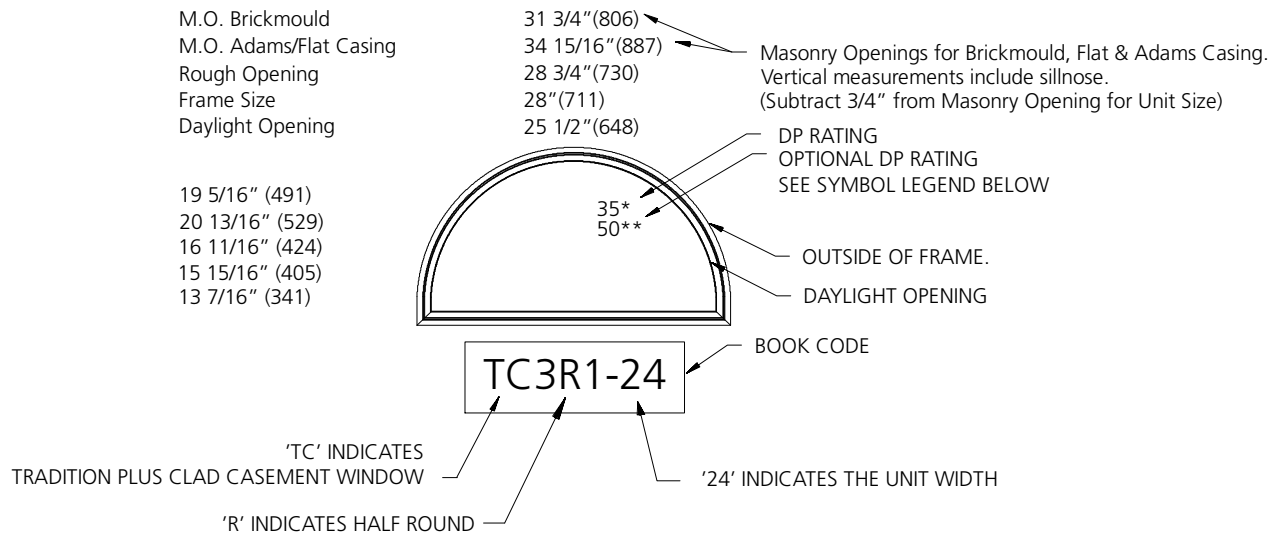


ELEVATION NOTES

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.

BOOK CODE DEFINITIONS

1.	TC3R1-XX	TRADITION PLUS CLAD CASEMENT HALF ROUND
2.	CD1R1-XX	TRADITION PLUS CLAD DOUBLE-HUNG HALF ROUND
3.	CFFR1-XX	TRADITION PLUS CLAD FRENCH VIEW HALF ROUND
4.	CHPR1-XX	TRADITION PLUS CLAD HALLMARK HALF ROUND
5.	TC3Q1-XX	TRADITION PLUS CLAD CASEMENT QUARTER ROUND
6.	CD1Q1-XX	TRADITION PLUS CLAD DOUBLE-HUNG QUARTER ROUND
7.	TC3E1-XX	TRADITION PLUS CLAD CASEMENT ELLIPSE
8.	CD1E1-XX	TRADITION PLUS CLAD DOUBLE-HUNG ELLIPSE
9.	CFFE1-XX	TRADITION PLUS CLAD FRENCH VIEW ELLIPSE
10.	CHPE1-XX	TRADITION PLUS CLAD HALLMARK ELLIPSE
11.	CRRU1-XX	TRADITION PLUS CLAD FULL ROUND
12.	CRVU1-XXXX	TRADITION PLUS CLAD OVAL
13.	CSCU1-XXXX	TRADITION PLUS CLAD CASEMENT SECTOR TOP
14.	CSDU1-XXXX	TRADITION PLUS CLAD DOUBLE-HUNG SECTOR TOP



GENERAL NOTES

- UNIT ELEVATIONS ARE SHOWN WITHOUT EXTERIOR TRIM.
- ALL UNITS ARE SHOWN AS FIXED ONLY.
- TO DETERMINE DAYLIGHT OPENING, DEDUCT 3 1/8" (79) FROM FRAME SIZE.
- UNITS ARE SHOWN AS ONE LITE. SEE THE STANDARD LITE CUT PAGES FOR INFORMATION ON AVAILABLE LITE CUT CONFIGURATIONS.
- GLASS SIZES ARE NOMINAL.
- VALUES IN PARENTHESES ARE MILLIMETER CONVERSIONS.
- VALUES IN BRACKETS ARE NUMBER OF DAYLIGHT OPENINGS.

ELEVATION SYMBOL LEGEND:

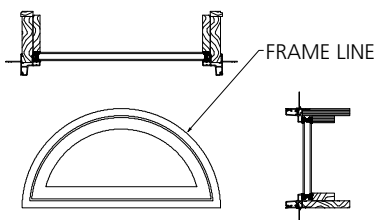
- M.O.** MASONRY OPENING
- +** TEMPERED GLASS STANDARD
- S** STATIONARY UNIT
- ***** NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING. OPERATING UNITS UTILIZE A CONCEALED LOCKING SYSTEM FOR DO RATINGS.
- ****** NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.

ELEVATION NOTES

GEOMETRIC ELEVATIONS:

THE POSSIBLE SHAPES AND CONFIGURATIONS OF GEOMETRIC WINDOWS ARE TOO NUMEROUS TO OFFER IN A DRAWING FORMAT. CREATE THE OUTSIDE FRAME LINES OF THE GEOMETRIC SHAPE DESIRED. REFER TO SECTION DETAILS AND DIMENSIONS TO FIND THE APPROPRIATE OFFSET DIMENSIONS FOR FRAME FEATURES AND DAYLIGHT OPENING. THE FOLLOWING INFORMATION DETAILS THE CREATION OF TRIM AND SUBSILL FOR GEOMETRIC ELEVATIONS.

STANDARD ELEVATIONS



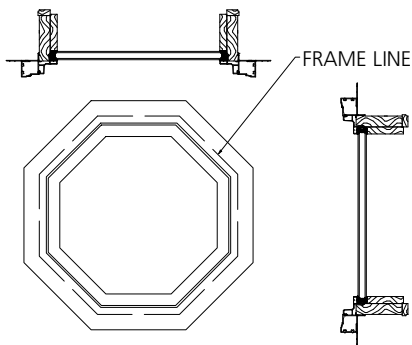
STANDARD GEOMETRIC ELEVATIONS

Geometric elevations are drawn as 'Frame Only' (without trim) to simplify mulling and multiple assemblies. Trim and subsill applications can easily be offset from frame lines to create the desired trim and finish.

MULLING CLAD UNITS

All clad elevations are shown without any exterior trim. When mulling clad units the outside line is always the frame. Refer to Mullion Details for specifications.

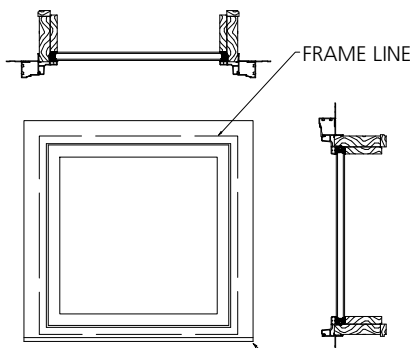
TRIM - ALL SIDES



TRIM - ALL SIDES

Applying trim to all 4 sides of an elevation is an offset from the frame. See Unit Sizing, Rough Openings & Masonry Openings page for offset dimensions of various trim options.

SUBSILL



SUBSILL

Subsill is applied to the bottom of straight line portions of the window. The subsill is continuous to the outside dimensions of the units frame or trim. The application of subsill will affect the rough opening by adding 1" to the rough opening height. See Unit Sizing, Rough Opening & Masonry Openings page for more information.

SUBSILL RESTRICTIONS

Subsill may not be applied to full round, oval, inverted half round or inverted quarter round units.

SUBSILL EXTENDS TO OUTSIDE
EDGE OF THE TRIM

FIXED RADIUS - FULL ROUND UNITS

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

27 3/4" (705)
 30 3/4" (781)
 24 3/4" (629)
 24" (610)
 20 1/2" (521)

33 3/4" (857)
 36 3/4" (933)
 30 3/4" (781)
 30" (762)
 26 1/2" (673)

39 3/4" (1010)
 42 3/4" (1086)
 36 3/4" (933)
 36" (914)
 32 1/2" (826)

51 3/4" (1314)
 54 3/4" (1391)
 48 3/4" (1238)
 48" (1219)
 44 1/2" (1130)

27 3/4" (705)
 30 3/4" (781)
 24 3/4" (629)
 24" (610)
 20 1/2" (521)



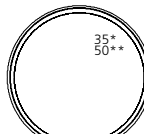
CRRU1-20

33 3/4" (857)
 36 3/4" (933)
 30 3/4" (781)
 30" (762)
 26 1/2" (673)



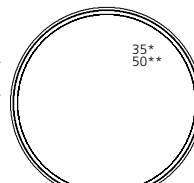
CRRU1-26

39 3/4" (1010)
 42 3/4" (1086)
 36 3/4" (933)
 36" (914)
 32 1/2" (826)



CRRU1-30

51 3/4" (1314)
 54 3/4" (1391)
 48 3/4" (1238)
 48" (1219)
 44 1/2" (1130)



CRRU1-40

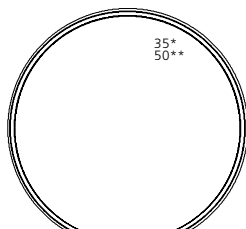
M.O. BRICKMOULD
M.O. ADAMS/FLAT CASING
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

63 3/4" (1619)
 66 3/4" (1695)
 60 3/4" (1543)
 60" (1524)
 56 1/2" (1435)

75 3/4" (1924)
 78 3/4" (2000)
 72 3/4" (1848)
 72" (1829)
 68 1/2" (1740)

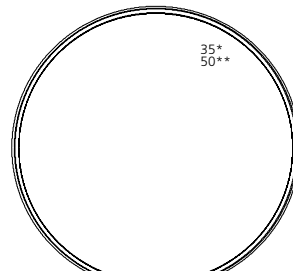
87 3/4" (2229)
 90 3/4" (2305)
 84 3/4" (2153)
 84" (2134)
 80 1/2" (2045)

63 3/4" (1619)
 66 3/4" (1695)
 60 3/4" (1543)
 60" (1524)
 56 1/2" (1435)



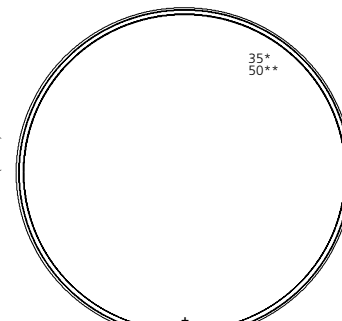
CRRU1-50

75 3/4" (1924)
 78 3/4" (2000)
 72 3/4" (1848)
 72" (1829)
 68 1/2" (1740)



CRRU1-60

87 3/4" (2229)
 90 3/4" (2305)
 84 3/4" (2153)
 84" (2134)
 80 1/2" (2045)



CRRU1-70

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS

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

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

+ TEMPERED GLASS STANDARD

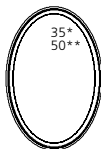
Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) from M.O. (Masonry Opening) for Unit Sizes. Masonry Openings above include Sill Nose, see Trim Options page for Sill Nose specifications. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

SCALE: 1/4" = 1'

FIXED RADIUS - OVAL UNITS

M.O. BRICKMOULD 27 3/4" (705)
M.O. ADAMS/FLAT CASING 30 3/4" (781)
ROUGH OPENING 24 3/4" (629)
FRAME SIZE 24" (610)
DAYLIGHT OPENING 20 1/2" (521)

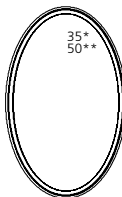
39 3/4" (1010)
 42 3/4" (1086)
 36 3/4" (933)
 36" (914)
 32 1/2" (826)



CRVU1-2030

33 3/4" (857)
 36 3/4" (933)
 30 3/4" (781)
 30" (762)
 23 15/16" (608)

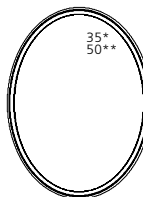
51 3/4" (1314)
 54 3/4" (1391)
 48 3/4" (1238)
 48" (1219)
 44 1/2" (1130)



CRVU1-2640

39 3/4" (1010)
 42 3/4" (1086)
 36 3/4" (933)
 36" (914)
 32 1/2" (826)

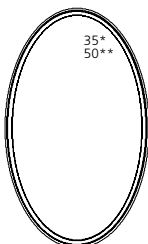
51 3/4" (1314)
 54 3/4" (1391)
 48 3/4" (1238)
 48" (1219)
 44 1/2" (1130)



CRVU1-3040

M.O. BRICKMOULD 39 3/4" (1010)
M.O. ADAMS/FLAT CASING 42 3/4" (1086)
ROUGH OPENING 36 3/4" (933)
FRAME SIZE 36" (914)
DAYLIGHT OPENING 32 1/2" (826)

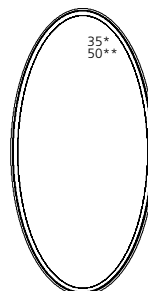
63 3/4" (1619)
 66 3/4" (1695)
 60 3/4" (1543)
 60" (1524)
 56 1/2" (1435)



CRVU1-3050

39 3/4" (1010)
 42 3/4" (1086)
 36 3/4" (933)
 36" (914)
 32 1/2" (826)

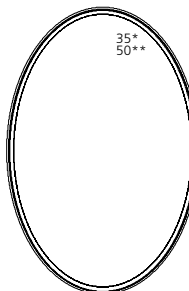
75 3/4" (1924)
 78 3/4" (2000)
 72 3/4" (1848)
 72" (1829)
 68 1/2" (1739)



CRVU1-3060

51 3/4" (1314)
 54 3/4" (1391)
 48 3/4" (1238)
 48" (1219)
 44 1/2" (1130)

75 3/4" (1924)
 78 3/4" (2000)
 72 3/4" (1848)
 72" (1829)
 68 1/2" (1739)



CRVU1-4060

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS

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

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

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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'

FIXED RADIUS - ELLIPTICAL UNITS CASEMENT

M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	39 3/4" (1010) 42 3/4" (1086) 36 3/4" (933) 36" (914) 32 1/2" (826)	43 3/4" (1111) 46 3/4" (1187) 40 3/4" (1035) 40" (1016) 36 1/2" (927)	51 3/4" (1314) 54 3/4" (1391) 48 3/4" (1238) 48" (1219) 44 1/2" (1130)	59 3/4" (1518) 62 3/4" (1594) 56 3/4" (1441) 56" (1422) 52 1/2" (1334)
18 9/16" (471) 20 1/16" (510) 15 3/16" (386) 11 1/16" (297)		19 3/32" (482) 20 15/32" (520) 16 11/32" (415) 15 19/32" (396) 12 3/32" (307)	19 13/16" (503) 17 5/16" (441) 17 1/8" (435) 16 7/16" (418) 12 15/16" (329)	20 5/8" (524) 22 1/8" (562) 18" (457) 17 1/4" (438) 13 3/4" (349)
	TC3E1-30	TC3E1-34	TC3E1-40	TC3E1-48
M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	63 3/4" (1619) 66 3/4" (1695) 60 3/4" (1543) 60" (1524) 56 1/2" (1435)	67 3/4" (1708) 70 3/4" (1797) 64 3/4" (1645) 64" (1626) 60 1/2" (1537)	75 3/4" (1911) 78 3/4" (2000) 72 3/4" (1848) 72" (1829) 68 1/2" (1740)	
21 1/32" (534) 22 17/32" (572) 18 13/32" (468) 17 21/32" (446) 14 1/16" (357)		21 15/32" (545) 22 31/32" (583) 18 37/32" (479) 18 3/32" (460) 14 19/32" (371)	22 9/32" (566) 23 25/32" (604) 19 21/32" (499) 18 29/32" (480) 15 13/32" (391)	
	TC3E1-50	TC3E1-54	TC3E1-60	
M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	87 3/4" (2228) 90 3/4" (2305) 84 3/4" (2153) 84" (2134) 80 1/2" (2045)	93 3/4" (2381) 96 3/4" (2457) 90 3/4" (2305) 90" (2134) 86 1/2" (2197)		
23 17/32" (600) 25 1/32" (636) 20 29/32" (531) 20 5/32" (446) 16 2 1/32" (423)		24 5/32" (614) 25 21/32" (652) 21 17/32" (547) 20 25/32" (628) 17 9/32" (439)		
	TC3E1-70	TC3E1-76		
M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	99 3/4" (2534) 102 3/4" (2610) 96 3/4" (2457) 96" (2438) 92 1/2" (2350)	103 3/4" (2635) 106 3/4" (2711) 100 3/4" (2559) 100" (2540) 96 1/2" (2451)		
24 25/32" (629) 26 9/32" (668) 22 1/8" (562) 21 13/32" (544) 17 29/32" (455)		25 3/16" (640) 26 11/16" (678) 21 13/16" (554) 18 5/16" (465)		
	TC3E1-80	TC3E1-84		
M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	111 3/4" (2838) 114 3/4" (2915) 108 3/4" (2762) 108" (2743) 104 1/2" (2654)	123 3/4" (3143) 126 3/4" (3219) 120 3/4" (3067) 120" (3048) 116 1/2" (2959)		
26" (660) 27 1/2" (699) 23 3/8" (693) 22 5/8" (575) 19 1/8" (486)		27 1/4" (697) 28 3/4" (730) 24 9/16" (624) 23 7/8" (606) 20 3/8" (518)		
	TC3E1-90	TC3E1-100		

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
 VALUES IN () ARE IN MILLIMETER CONVERSIONS
******* = NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.
******** = NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.
 + = TEMPERED GLASS STANDARD

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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'

FIXED RADIUS - ELLIPTICAL UNITS DOUBLE-HUNG

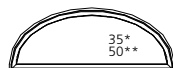
M.O. BRICKMOULD	41 1/8" (1045)	45 1/8" (1146)	49 1/8" (1248)	53 1/8" (1349)
M.O. ADAMS/FLAT CASING	44 1/8" (1121)	48 1/8" (1222)	52 1/8" (1324)	56 1/8" (1426)
ROUGH OPENING	38 1/8" (968)	42 1/8" (1070)	46 1/8" (1172)	50 1/8" (1273)
FRAME SIZE	37 3/8" (949)	41 3/8" (1051)	45 3/8" (1153)	49 3/8" (1254)
DAYLIGHT OPENING	33 7/8" (860)	37 7/8" (962)	41 7/8" (1064)	45 7/8" (1165)

18 11/16" (475)
20 3/16" (513)
16 1/16" (408)
15 5/16" (389)
11 13/16" (300)



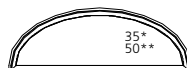
CD1E1-31

19 1/8" (486)
20 5/8" (524)
16 1/2" (419)
15 3/4" (400)
12 1/4" (311)



CD1E1-35

19 17/32" (496)
21 1/2" (534)
16 29/32" (429)
16 5/32" (410)
12 21/32" (321)



CD1E1-39

20 3/32" (510)
21 19/32" (549)
17 5/16" (440)
16 9/16" (421)
15 7/32" (336)



CD1E1-41

M.O. BRICKMOULD	54 1/2" (1384)	57 1/8" (1451)	62 1/2" (1588)
M.O. ADAMS/FLAT CASING	57 1/2" (1448)	60 1/8" (1527)	65 1/2" (1664)
ROUGH OPENING	51 1/2" (1308)	54 1/8" (1375)	59 1/2" (1511)
FRAME SIZE	50 3/4" (1289)	53 3/8" (1355)	58 3/4" (1492)
DAYLIGHT OPENING	47 1/4" (1200)	49 7/8" (1267)	55 1/4" (1403)

20 11/32" (517)
21 27/32" (555)
17 15/32" (444)
16 23/32" (425)
13 15/32" (342)



CD1E1-42

20 29/32" (531)
22 11/16" (569)
17 23/32" (450)
16 31/32" (431)
14 1/32" (356)



CD1E1-45

21 3/16" (538)
22 11/16" (576)
18 9/32" (464)
17 17/32" (445)
14 5/16" (364)



CD1E1-4A

M.O. BRICKMOULD	65 1/8" (1654)	70 1/2" (1791)	77 1/8" (1959)
M.O. ADAMS/FLAT CASING	68 1/8" (1730)	73 1/2" (1867)	80 1/8" (2035)
ROUGH OPENING	62 1/8" (1578)	67 1/2" (1715)	74 1/8" (1883)
FRAME SIZE	61 3/8" (1559)	66 3/4" (1695)	73 3/8" (1864)
DAYLIGHT OPENING	57 7/8" (1470)	63 1/4" (1607)	69 7/8" (1775)

21 3/16" (538)
22 11/16" (576)
18 9/16" (471)
17 13/16" (452)
14 5/16" (364)



CD1E1-51

21 3/4" (552)
23 1/4" (591)
19 1/8" (486)
18 3/8" (465)
14 7/8" (378)



CD1E1-56

22 7/16" (570)
23 15/16" (608)
19 13/16" (503)
19 1/16" (484)
15 9/16" (395)



CD1E1-61

M.O. BRICKMOULD	78 1/2" (1994)	86 1/2" (2197)
M.O. ADAMS/FLAT CASING	81 1/2" (2070)	89 1/2" (2273)
ROUGH OPENING	75 1/2" (1918)	83 1/2" (2121)
FRAME SIZE	74 3/4" (1899)	82 3/4" (2102)
DAYLIGHT OPENING	71 1/4" (1810)	79 1/4" (2013)

22 9/16" (573)
24 1/16" (611)
19 15/16" (506)
19 3/16" (487)
15 11/16" (398)



CD1E1-62

23 13/32" (595)
24 29/32" (633)
20 25/32" (528)
20 1/32" (509)
16 17/32" (420)



CD1E1-6A

M.O. BRICKMOULD	103 5/8" (2632)	115 5/8" (2937)
M.O. ADAMS/FLAT CASING	106 5/8" (2708)	118 5/8" (3013)
ROUGH OPENING	100 7/8" (2562)	113 7/8" (2892)
FRAME SIZE	100 1/8" (2543)	112 1/8" (2848)
DAYLIGHT OPENING	96 5/8" (2454)	108 5/8" (2759)

25 3/16" (640)
26 11/16" (678)
22 9/16" (573)
21 13/16" (554)
18 5/16" (465)



CD1E1-84

26 7/16" (672)
27 13/16" (710)
23 1/16" (586)
23 3/16" (585)
19 9/16" (497)



CD1E1-94

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS

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

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

+ TEMPERED GLASS STANDARD

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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'

FIXED RADIUS - ELLIPTICAL UNITS

FRENCH VIEW

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

40 1/2" (1029)
 43 1/2" (1105)
 37 1/2" (953)
 36 3/4" (933)
 33 1/4" (845)

51 1/4" (1302)
 54 1/4" (1378)
 48 1/4" (1226)
 47 1/2" (1207)
 44" (1118)

52 1/2" (1334)
 55 1/2" (1410)
 49 1/2" (1257)
 48 3/4" (1238)
 45 1/4" (1149)

53 1/4" (1353)
 56 1/4" (1429)
 50 1/4" (1276)
 49 1/2" (1257)
 46" (1168)

18 5/8" (473)
 20 1/8" (511)
 16" (406)
 15 1/4" (387)
 11 3/4" (298)



CFFE1-30

19 3/4" (502)
 21 1/4" (540)
 17 1/8" (435)
 16 3/8" (416)
 12 7/8" (327)



CFIE1-40

19 7/8" (505)
 21 3/8" (543)
 17 1/4" (438)
 16 1/2" (419)
 13" (330)



CFFE1-40

19 15/16" (506)
 21 7/16" (545)
 17 7/16" (443)
 16 9/16" (421)
 13 1/16" (332)



CFFE1-41

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

63 1/4" (1607)
 66 1/4" (1683)
 60 1/4" (1530)
 59 1/2" (1511)
 56" (1422)

65 1/4" (1657)
 68 1/4" (1734)
 62 1/4" (1581)
 61 1/2" (1562)
 58" (1473)

67 1/4" (1708)
 70 1/4" (1784)
 64 1/4" (1632)
 63 1/2" (1613)
 60" (1524)

21" (533)
 22 1/2" (572)
 18 3/8" (467)
 17 5/8" (448)
 14 1/8" (359)



CFIE1-50

21 3/16" (538)
 22 11/16" (576)
 18 9/16" (471)
 17 13/16" (452)
 14 5/16" (364)



CFFE1-51

21 13/32" (544)
 22 29/32" (582)
 18 25/32" (477)
 18 1/32" (458)
 14 17/32" (369)



CFIE1-54

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

69 1/4" (1759)
 72 1/4" (1835)
 66 1/4" (1683)
 65 1/2" (1664)
 62" (1575)

75 1/4" (1911)
 78 1/4" (1988)
 72 1/4" (1835)
 71 1/2" (1861)
 68" (1727)

77 1/4" (1962)
 80 1/4" (2038)
 74 1/4" (1886)
 73 1/2" (1867)
 70" (1778)

21 5/8" (549)
 23 1/8" (587)
 19" (483)
 18 1/4" (464)
 14 3/4" (375)



CFFE1-55

22 7/32" (564)
 23 23/32" (602)
 19 19/32" (498)
 18 27/32" (479)
 15 11/32" (390)



CFIE1-60

22 7/16" (570)
 23 15/16" (608)
 19 13/16" (503)
 18 1/16" (484)
 15 9/16" (395)



CFFE1-61

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

79 1/4" (2013)
 82 1/4" (2089)
 76 1/4" (1937)
 75 1/2" (1918)
 72" (1829)

99 1/4" (2521)
 102 1/4" (2597)
 96 1/4" (2445)
 95 1/2" (2426)
 92" (2337)

22 21/32" (575)
 24 5/32" (614)
 20 13/32" (509)
 19 9/32" (490)
 15 25/32" (401)



CFIE1-64

24 23/32" (628)
 26 7/32" (666)
 22 3/32" (561)
 21 11/32" (542)
 17 27/32" (453)

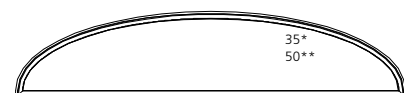


CFIE1-80

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

101 1/4" (2572)
 104 1/4" (2648)
 98 1/4" (2496)
 97 1/2" (2477)
 97" (2462)

24 15/16" (633)
 26 7/16" (672)
 22 5/16" (567)
 21 9/16" (548)
 18 1/16" (459)



CFFE1-81

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS

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

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

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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'

FIXED RADIUS - ELLIPTICAL UNITS HALLMARK DOORS

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

63 1/4" (1607)
66 1/4" (1683)
60 1/4" (1530)
59 1/2" (1511)
56" (1422)

21" (533)
22 1/2" (572)
18 3/8" (467)
17 5/8" (448)
14 1/8" (359)



CHPE1-50

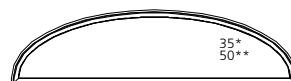
21 13/32" (544)
22 29/32" (582)
18 25/32" (477)
18 1/32" (458)
14 17/32" (369)



CHPE1-54

67 1/4" (1708)
70 1/4" (1784)
64 1/4" (1632)
63 1/2" (1613)
60" (1524)

22 7/32" (564)
23 23/32" (602)
19 19/32" (498)
18 27/32" (479)
15 11/32" (390)



CHPE1-60

75 1/4" (1911)
78 1/4" (1988)
72 1/4" (1835)
71 1/2" (1861)
68" (1727)

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

110 5/8" (2810)
113 5/8" (2886)
107 5/8" (2734)
106 7/8" (2715)
103 3/8" (2626)

26 9/32" (668)
27 13/32" (696)
23 9/32" (591)
22 17/32" (572)
19 1/32" (483)



CHPE1-90

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS
*** NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.
**** NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.
+ TEMPERED GLASS STANDARD

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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'

FIXED RADIUS - QUARTER ROUND UNITS CASEMENT

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

23 3/4" (603)
26 3/4" (679)
20 3/4" (527)
20" (508)
16 1/2" (419)

27 3/4" (705)
30 3/4" (781)
24 3/4" (629)
24" (610)
20 1/2" (521)

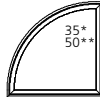
31 3/4" (806)
34 3/4" (883)
28 3/4" (730)
28" (711)
24 1/2" (622)

33 3/4" (857)
36 3/4" (933)
30 3/4" (781)
30" (762)
26 1/2" (673)

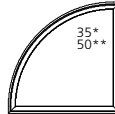
23 3/8" (594)
24 7/8" (632)
20 3/4" (527)
20" (508)
16 1/2" (419)



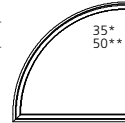
TC3Q1-18



TC3Q1-20



TC3Q1-24



TC3Q1-26

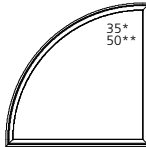
M.O. BRICKMOULD
M.O. ADAMS/FLAT CASING
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

39 3/4" (1010)
42 3/4" (1086)
36 3/4" (933)
36" (914)
32 1/2" (826)

51 3/4" (1314)
54 3/4" (1391)
48 3/4" (1238)
48" (1219)
44 1/2" (1130)

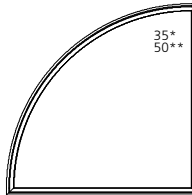
63 3/4" (1619)
66 3/4" (1695)
60 3/4" (1543)
60" (1524)
56 1/2" (1435)

39 3/8" (1000)
40 7/8" (1036)
36 3/4" (933)
36" (914)
32 1/2" (826)



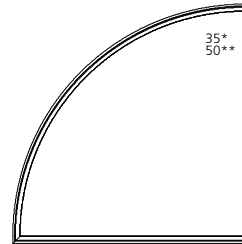
TC3Q1-30

51 3/8" (1305)
52 7/8" (1343)
48 3/4" (1238)
48" (1219)
44 1/2" (1130)



TC3Q1-40

63 3/8" (1609)
64 7/8" (1648)
60 3/4" (1543)
60" (1524)
56 1/2" (1435)



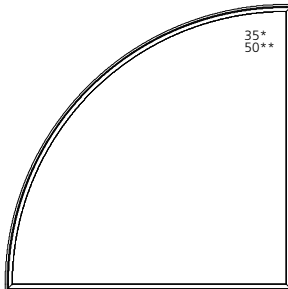
TC3Q1-50

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

75 3/4" (1924)
78 3/4" (2000)
72 3/4" (1848)
72" (1829)
68 1/2" (1740)

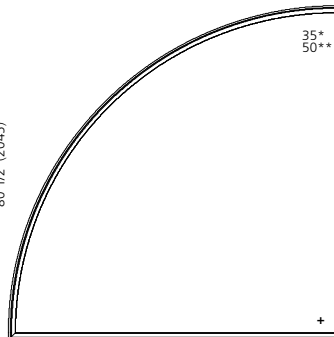
87 3/4" (2229)
90 3/4" (2305)
84 3/4" (2153)
84" (2134)
80 1/2" (2045)

75 3/8" (1915)
76 7/8" (1953)
72 3/4" (1848)
72" (1829)
68 1/2" (1740)



TC3Q1-60

87 3/8" (2219)
88 7/8" (2257)
84 3/4" (2153)
84" (2134)
80 1/2" (2045)



TC3Q1-70

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS
*** NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.
***+ NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.
+ TEMPERED GLASS STANDARD

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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'

FIXED RADIUS - QUARTER ROUND UNITS DOUBLE-HUNG

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

29 1/8" (740)
32 1/8" (816)
26 1/8" (664)
25 3/8" (645)
21 7/8" (556)

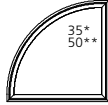
33 1/8" (841)
36 1/8" (918)
30 1/8" (765)
29 3/8" (746)
25 7/8" (657)

37 1/8" (943)
40 1/8" (1019)
34 1/8" (867)
33 3/8" (848)
29 7/8" (759)

42 1/8" (1070)
45 1/8" (1146)
38 1/8" (968)
37 3/8" (949)
33 7/8" (860)

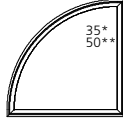
45 1/8" (1146)
48 1/8" (1222)
42 1/8" (1070)
41 3/8" (1051)
37 7/8" (962)

28 3/4" (730)
30 1/4" (768)
26 1/8" (664)
25 3/8" (645)
21 7/8" (556)



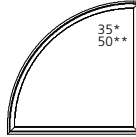
CD1Q1-21

32 3/4" (832)
34 1/4" (870)
30 1/8" (765)
29 3/8" (746)
25 7/8" (657)



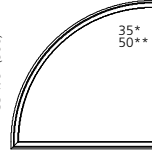
CD1Q1-25

36 3/4" (933)
38 1/4" (972)
34 1/8" (867)
33 3/8" (848)
29 7/8" (759)



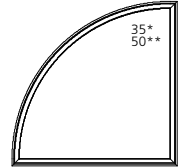
CD1Q1-29

40 3/4" (1035)
42 1/4" (1073)
38 1/8" (968)
37 3/8" (949)
33 7/8" (860)



CD1Q1-31

44 3/4" (1137)
46 1/4" (1175)
42 1/8" (1070)
41 3/8" (1051)
37 7/8" (962)



CD1Q1-35

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

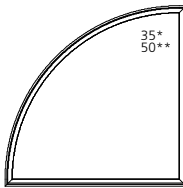
49 1/8" (1248)
52 1/8" (1324)
46 1/8" (1172)
45 3/8" (1153)
41 7/8" (1064)

53 1/8" (1349)
56 1/8" (1426)
50 1/8" (1273)
49 3/8" (1254)
45 7/8" (1165)

57 1/8" (1451)
60 1/8" (1527)
54 1/8" (1375)
53 3/8" (1356)
49 7/8" (1267)

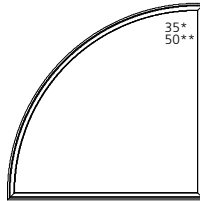
65 1/8" (1654)
68 1/8" (1730)
62 1/8" (1578)
61 3/8" (1559)
57 7/8" (1470)

48 3/4" (1238)
50 1/4" (1276)
46 1/8" (1172)
45 3/8" (1153)
41 7/8" (1064)



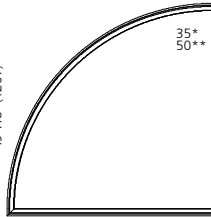
CD1Q1-39

52 3/4" (1340)
54 1/4" (1378)
50 1/8" (1273)
49 3/8" (1254)
45 7/8" (1165)



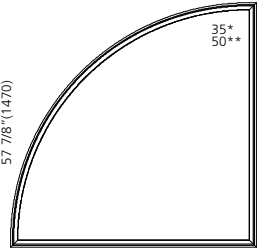
CD1Q1-41

56 3/4" (1441)
58 1/4" (1480)
54 1/8" (1375)
53 3/8" (1356)
49 7/8" (1267)



CD1Q1-45

64 3/4" (1645)
66 1/4" (1683)
62 1/8" (1578)
61 3/8" (1559)
57 7/8" (1470)



CD1Q1-51

ELEVATION SYMBOL LEGEND:

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

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

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

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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.

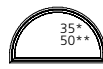
SCALE: 1/4" = 1'

FIXED RADIUS - HALF ROUND UNITS CASEMENT

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

27 3/4" (705)
30 3/4" (781)
24 3/4" (629)
24" (610)
21 1/2" (546)

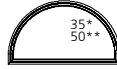
17 5/16" (440)
18 13/16" (478)
14 11/16" (373)
13 15/16" (354)
11 7/16" (291)



TC3R1-20

31 3/4" (806)
34 3/4" (883)
28 3/4" (730)
28" (711)
25 1/2" (648)

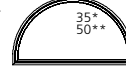
19 5/16" (491)
20 13/16" (529)
16 11/16" (424)
15 15/16" (405)
13 7/16" (341)



TC3R1-24

33 3/4" (857)
36 3/4" (933)
30 3/4" (781)
30" (762)
27 1/2" (699)

20 5/16" (515)
21 13/16" (554)
17 11/16" (449)
16 15/16" (430)
14 7/16" (367)



TC3R1-26

39 3/4" (1010)
42 3/4" (1086)
36 3/4" (933)
36" (914)
33 1/2" (851)

23 5/16" (592)
24 13/16" (630)
20 11/16" (525)
19 15/16" (506)
17 7/16" (443)

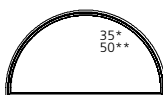


TC3R1-30

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

43 3/4" (1111)
46 3/4" (1187)
40 3/4" (1035)
40" (1016)
37 1/2" (953)

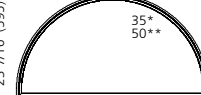
25 5/16" (643)
26 13/16" (681)
22 11/16" (576)
21 15/16" (557)
19 7/16" (494)



TC3R1-34

51 3/4" (1314)
54 3/4" (1391)
48 3/4" (1238)
48" (1219)
45 1/2" (1156)

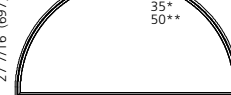
29 5/16" (745)
30 13/16" (783)
26 11/16" (678)
25 15/16" (659)
23 7/16" (595)



TC3R1-40

59 3/4" (1518)
62 3/4" (1594)
56 3/4" (1441)
56" (1422)
53 1/2" (1359)

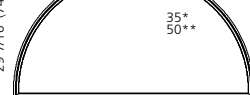
33 5/16" (846)
34 13/16" (884)
30 11/16" (779)
29 15/16" (760)
27 7/16" (697)



TC3R1-48

63 3/4" (1619)
66 3/4" (1695)
60 3/4" (1543)
60" (1524)
57 1/2" (1448)

35 5/16" (897)
36 13/16" (935)
32 11/16" (830)
31 15/16" (811)
29 7/16" (748)

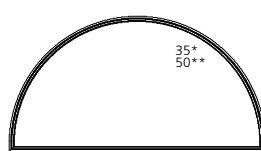


TC3R1-50

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

67 3/4" (1721)
70 3/4" (1797)
64 3/4" (1645)
64" (1626)
61 1/2" (1562)

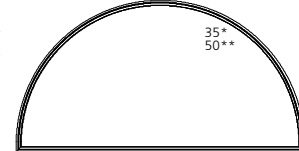
37 5/16" (948)
38 13/16" (986)
34 11/16" (881)
33 15/16" (862)
31 7/16" (799)



TC3R1-54

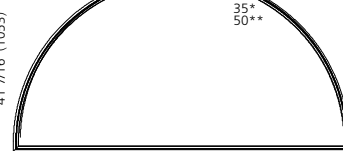
75 3/4" (1924)
78 3/4" (2000)
72 3/4" (1848)
72" (1829)
69 1/2" (1765)

41 5/16" (1049)
42 13/16" (1087)
38 11/16" (983)
37 15/16" (964)
35 7/16" (900)



TC3R1-60

47 5/16" (1202)
48 13/16" (1240)
44 11/16" (1135)
43 15/16" (1116)
41 7/16" (1053)

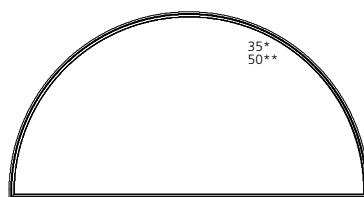


TC3R1-70

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

93 3/4" (2381)
96 3/4" (2457)
90 3/4" (2305)
90" (2286)
87 1/2" (2223)

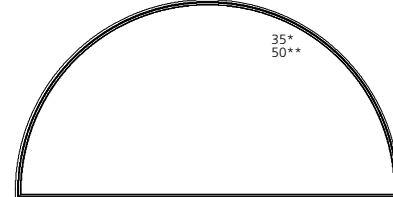
50 5/16" (1278)
51 13/16" (1316)
47 11/16" (1211)
46 15/16" (1192)
44 7/16" (1129)



TC3R1-76

99 3/4" (2534)
102 3/4" (2610)
96 3/4" (2457)
96" (2438)
93 1/2" (2380)

53 5/16" (1354)
54 13/16" (1392)
50 11/16" (1287)
49 15/16" (1268)
47 7/16" (1205)

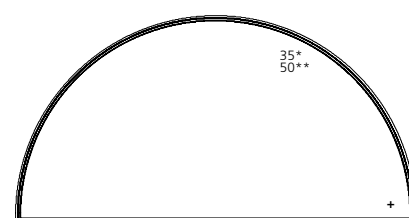


TC3R1-80

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

103 3/4" (2635)
106 3/4" (2711)
100 3/4" (2559)
100" (2540)
97 1/2" (2477)

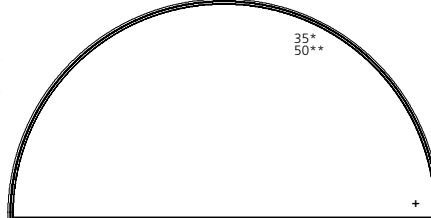
55 5/16" (1405)
56 13/16" (1443)
52 11/16" (1338)
51 15/16" (1319)
49 7/16" (1256)



TC3R1-84

111 3/4" (2838)
114 3/4" (2915)
108 3/4" (2762)
108" (2743)
105 1/2" (2680)

59 5/16" (1507)
60 13/16" (1545)
56 11/16" (1440)
55 15/16" (1421)
53 7/16" (1357)



TC3R1-90

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS
##* NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.
###* NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.
+ TEMPERED GLASS STANDARD

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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'

FIXED RADIUS - HALF ROUND UNITS DOUBLE-HUNG

M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	29 1/8"(740) 32 1/8"(816) 26 1/8"(664) 25 3/8"(645) 22 3/4"(578)	33 1/8"(841) 36 1/8"(918) 30 1/8"(765) 29 3/8"(746) 26 3/4"(679)	37 1/8"(943) 40 1/8"(1019) 34 1/8"(867) 33 3/8"(848) 30 3/4"(781)	41 1/8"(1045) 44 1/8"(1121) 38 1/8"(968) 37 3/8"(949) 34 3/4"(883)
	18"(457) 19 1/2"(495) 15 1/8"(384) 14 5/8"(371) 12"(305)	20"(508) 21 1/2"(546) 17 1/8"(435) 16 5/8"(422) 14"(356)	22"(559) 23 1/2"(597) 19 1/8"(486) 18 5/8"(473) 16"(406)	24"(610) 25 1/2"(648) 21 1/8"(537) 20 5/8"(524) 18"(457)
	CD1R1-21	CD1R1-25	CD1R1-29	CD1R1-31
M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	45 1/8"(1146) 48 1/8"(1222) 42 1/8"(1070) 41 3/8"(1051) 38 3/4"(984)	46 1/2"(1181) 49 1/2"(1257) 43 1/2"(1105) 42 3/4"(1086) 40 1/8"(1019)	49 1/8"(1248) 52 1/8"(1324) 46 1/8"(1172) 45 3/8"(1153) 42 3/4"(1086)	53 1/8"(1349) 56 1/8"(1426) 50 1/8"(1273) 49 3/8"(1254) 46 3/4"(1187)
	26"(660) 27 1/2"(699) 23 1/8"(587) 22 5/8"(575) 20"(508)	26 11/16"(678) 28 3/16"(716) 24 15/16"(633) 23 5/16"(592) 20 11/16"(525)	28"(711) 29 1/2"(749) 25 1/8"(638) 24 5/8"(625) 22"(559)	30"(762) 31 1/2"(800) 27 1/8"(689) 26 5/8"(676) 24"(610)
	CD1R1-35	CD1R1-36	CD1R1-39	CD1R1-41
M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	54 1/2"(1384) 57 1/2"(1448) 51 1/2"(1308) 50 3/4"(1289) 48 1/8"(1222)	57 1/8"(1451) 60 1/8"(1527) 54 1/8"(1375) 53 3/8"(1356) 50 3/4"(1289)	62 1/2"(1588) 65 1/2"(1664) 59 1/2"(1511) 58 3/4"(1492) 56 1/8"(1426)	65 1/8"(1654) 68 1/8"(1730) 62 1/8"(1578) 61 3/8"(1559) 58 3/4"(1492)
	30 11/16"(779) 32 3/16"(818) 28 15/16"(735) 27 5/16"(694) 24 11/16"(627)	32"(813) 33 1/2"(851) 29 1/8"(740) 28 5/8"(727) 26"(660)	34 11/16"(881) 36 3/16"(919) 32 15/16"(837) 31 5/16"(795) 28 11/16"(729)	36"(914) 37 1/2"(953) 33 1/8"(841) 32 5/8"(829) 30"(762)
	CD1R1-42	CD1R1-45	CD1R1-4A	CD1R1-51
M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	70 1/2"(1791) 73 1/2"(1867) 67 1/2"(1715) 66 3/4"(1695) 64 1/8"(1629)	77 1/8"(1959) 80 1/8"(2035) 74 1/8"(1883) 73 3/8"(1864) 70 3/4"(1797)	78 1/2"(1994) 81 1/2"(2070) 75 1/2"(1918) 74 3/4"(1899) 72 1/8"(1832)	
	38 11/16"(983) 40 3/16"(1021) 36 15/16"(938) 35 5/16"(897) 32 11/16"(830)	42"(1067) 43 1/2"(1105) 39 1/8"(994) 38 5/8"(981) 36"(914)	42 11/16"(1084) 44 3/16"(1122) 40 15/16"(1040) 39 5/16"(999) 36 11/16"(932)	
	CD1R1-56	CD1R1-61	CD1R1-62	
M.O. BRICKMOULD M.O. ADAMS/FLAT CASING ROUGH OPENING FRAME SIZE DAYLIGHT OPENING	86 1/2"(2197) 89 1/2"(2273) 83 1/2"(2121) 82 3/4"(2102) 80 1/8"(2035)	94 1/2"(2400) 97 1/2"(2477) 91 1/2"(2324) 90 3/4"(2305) 88 1/8"(2238)		
	46 11/16"(1186) 48 3/16"(1224) 44 15/16"(1141) 43 5/16"(1100) 40 11/16"(1033)	50 11/16"(1287) 52 3/16"(1326) 48 15/16"(1245) 47 5/16"(1202) 44 11/16"(1135)		
	CD1R1-6A	CD1R1-76		

ELEVATION SYMBOL LEGEND:

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

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

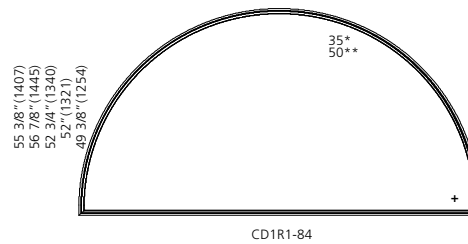
**** NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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'

**FIXED RADIUS - HALF ROUND UNITS
DOUBLE-HUNG**

M.O. BRICKMOULD	103 7/8" (2638)
M.O. ADAMS/FLAT CASING	106 7/8" (2715)
ROUGH OPENING	100 7/8" (2562)
FRAME SIZE	100 1/8" (2543)
DAYLIGHT OPENING	97 1/2" (2477)



ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS
*** NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.
*** NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.
+ TEMPERED GLASS STANDARD

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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'

FIXED RADIUS - HALF ROUND UNITS

FRENCH VIEW

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

34 1/2" (876)
37 1/2" (953)
31 1/2" (800)
30 3/4" (781)
28 1/8" (714)

36 1/2" (927)
39 1/2" (1003)
33 1/2" (851)
32 3/4" (832)
30 1/8" (765)

40 1/2" (1029)
43 1/2" (1105)
37 1/2" (953)
36 3/4" (933)
34 1/8" (867)

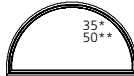
51 1/4" (1302)
54 1/4" (1378)
48 1/4" (1226)
47 1/2" (1207)
44 7/8" (1140)

20 11/16" (525)
22 3/16" (564)
18 1/16" (459)
17 5/16" (440)
14 11/16" (373)



CFRR1-26

21 11/16" (551)
23 3/16" (589)
19 1/16" (484)
18 5/16" (465)
15 11/16" (398)



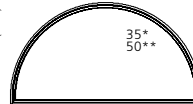
CFRR1-28

23 11/16" (602)
25 3/16" (640)
21 1/16" (535)
20 5/16" (515)
17 11/16" (449)



CFRR1-30

29 1/16" (738)
30 7/16" (776)
26 3/16" (673)
23 11/16" (602)
23 1/16" (586)



CFRR1-40

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

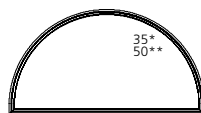
52 1/2" (1334)
55 1/2" (1410)
49 1/2" (1257)
48 3/4" (1238)
46 1/8" (1172)

53 1/4" (1353)
56 1/4" (1429)
50 1/4" (1276)
49 1/2" (1257)
46 7/8" (1191)

63 1/4" (1607)
66 1/4" (1683)
60 1/4" (1530)
59 1/2" (1511)
56 7/8" (1445)

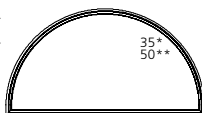
65 1/4" (1657)
68 1/4" (1734)
62 1/4" (1581)
61 1/2" (1562)
58 7/8" (1495)

29 11/16" (754)
31 3/16" (792)
27 1/16" (687)
26 5/16" (668)
23 11/16" (602)



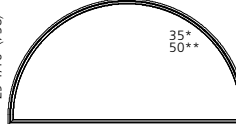
CFRR1-40

30 1/16" (764)
31 9/16" (802)
27 7/16" (697)
26 11/16" (678)
24 1/16" (611)



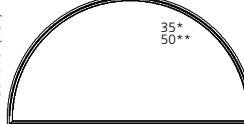
CFRR1-41

35 1/16" (891)
36 9/16" (929)
32 7/16" (824)
31 11/16" (805)
29 1/16" (738)



CFRR1-50

36 1/16" (916)
37 9/16" (954)
33 7/16" (849)
32 11/16" (830)
30 1/16" (764)



CFRR1-51

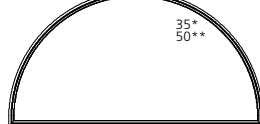
M.O. BRICKMOULD
M.O. ADAMS/FLAT CASING
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

67 1/4" (1708)
70 1/4" (1784)
64 1/4" (1632)
63 1/2" (1613)
60 7/8" (1546)

69 1/4" (1759)
72 1/4" (1835)
66 1/4" (1683)
65 1/2" (1664)
62 7/8" (1597)

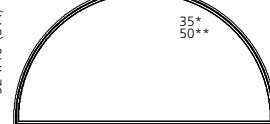
75 1/4" (1911)
78 1/4" (1988)
72 1/4" (1835)
71 1/2" (1861)
68 7/8" (1749)

37 1/16" (941)
38 9/16" (979)
34 7/16" (875)
33 11/16" (855)
31 1/16" (789)



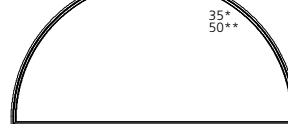
CFRR1-54

38 1/16" (967)
39 9/16" (1005)
35 7/16" (900)
34 11/16" (881)
32 1/16" (814)



CFRR1-55

41 1/16" (1043)
42 9/16" (1081)
38 7/16" (976)
37 11/16" (957)
35 1/16" (891)



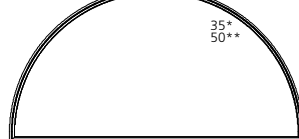
CFRR1-60

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

77 1/4" (1962)
80 1/4" (2038)
74 1/4" (1886)
73 1/2" (1867)
70 7/8" (1800)

79 1/4" (2013)
82 1/4" (2089)
76 1/4" (1937)
75 1/2" (1918)
72 7/8" (1851)

43 1/16" (1068)
45 9/16" (1106)
39 7/16" (1001)
38 11/16" (983)
36 1/16" (916)



CFRR1-61

43 1/16" (1094)
44 9/16" (1132)
40 7/16" (1027)
39 11/16" (1008)
37 1/16" (941)



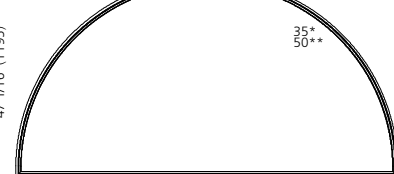
CFRR1-64

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

99 1/4" (2521)
102 1/4" (2597)
96 1/4" (2445)
95 1/2" (2426)
92 7/8" (2359)

101 1/4" (2572)
104 1/4" (2648)
98 1/4" (2496)
97 1/2" (2477)
94 7/8" (2410)

53 1/16" (1348)
54 9/16" (1386)
50 7/16" (1281)
49 11/16" (1262)
47 1/16" (1195)



CFRR1-80

54 1/16" (1373)
55 9/16" (1411)
51 7/16" (1306)
50 11/16" (1287)
48 1/16" (1221)



CFRR1-81

ELEVATION SYMBOL LEGEND:

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

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

= NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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'

FIXED RADIUS - HALF ROUND UNITS HALLMARK DOORS

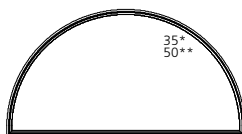
M.O. BRICKMOULD
M.O. ADAMS/FLAT CASING
ROUGH OPENING
FRAME SIZE
DAYLIGHT OPENING

63 1/4" (1607)
66 1/4" (1683)
60 1/4" (1530)
59 1/2" (1511)
56 7/8" (1445)

67 1/4" (1708)
70 1/4" (1784)
64 1/4" (1632)
63 1/2" (1613)
60 7/8" (1546)

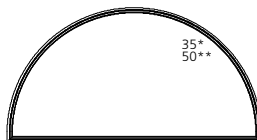
75 1/4" (1911)
78 1/4" (1988)
72 1/4" (1835)
71 1/2" (1861)
68 7/8" (1749)

35 1/16" (891)
36 9/16" (929)
32 7/16" (824)
31 11/16" (805)
29 1/16" (736)



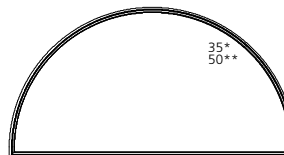
CHPR1-50

37 1/16" (941)
38 9/16" (979)
34 7/16" (875)
33 11/16" (856)
31 1/16" (789)



CHPR1-54

41 1/16" (1043)
42 9/16" (1081)
38 7/16" (976)
37 11/16" (957)
35 1/16" (891)



CHPR1-60

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING

VALUES IN () ARE IN MILLIMETER CONVERSIONS

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

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

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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'

OPERATING RADIUS - SECTOR TOP CASEMENT

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

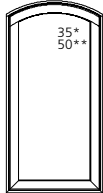
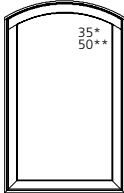
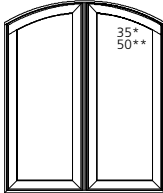
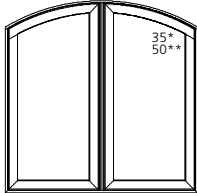
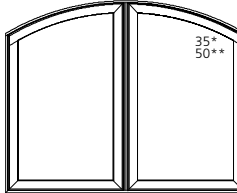
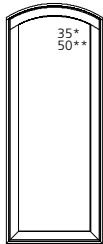
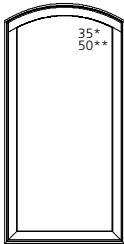
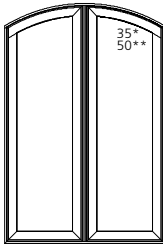
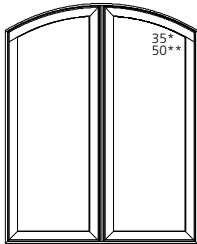
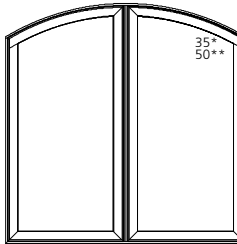
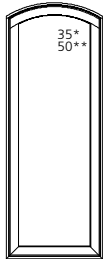
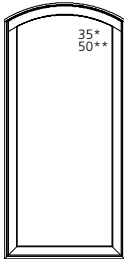
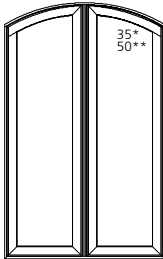
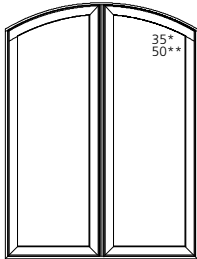
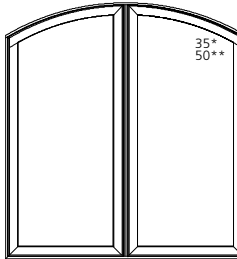
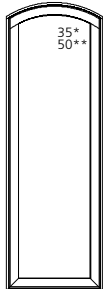
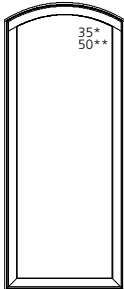
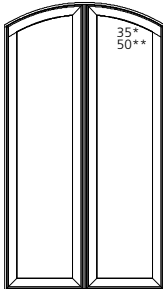
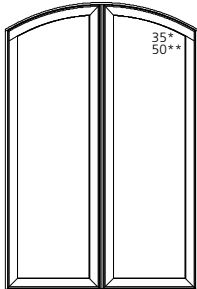
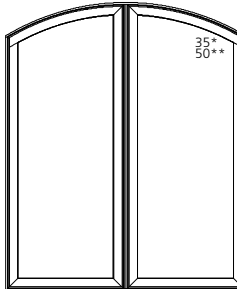
27 3/4" (705)
30 3/4" (781)
24 3/4" (629)
24" (610)
20 1/2" (521)

33 3/4" (857)
36 3/4" (933)
30 3/4" (781)
30" (762)
26 1/2" (673)

43 3/4" (1111)
46 3/4" (1187)
40 3/4" (1035)
40" (1016)
36 1/2" (927)

51 3/4" (1314)
54 3/4" (1391)
48 3/4" (1238)
48" (1219)
44 1/2" (1130)

63 3/4" (1619)
66 3/4" (1695)
60 3/4" (1543)
60" (1524)
56 1/2" (1435)

51 3/8" (1305) 52 7/8" (1343) 48 3/4" (1238) 48" (1219) 44 1/2" (1130)					
	CSCU1-2040	CSCU1-2640	CSCU1-3440	CSCU1-4040	CSCU1-5040
63 3/8" (1609) 64 7/8" (1648) 60 3/4" (1543) 60" (1524) 56 1/2" (1435)					
	CSCU1-2050	CSCU1-2650	CSCU1-3450	CSCU1-4050	CSCU1-5050
67 3/8" (1711) 68 7/8" (1749) 64 3/4" (1645) 64" (1626) 60 1/2" (1537)					
	CSCU1-2054	CSCU1-2654	CSCU1-3454	CSCU1-4054	CSCU1-5054
75 3/8" (1915) 76 7/8" (1953) 72 3/4" (1848) 72" (1829) 68 1/2" (1740)					
	CSCU1-2060	CSCU1-2660	CSCU1-3460	CSCU1-4060	CSCU1-5060

ELEVATION SYMBOL LEGEND:

M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS
*** NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.
**** NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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'

OPERATING RADIUS - SECTOR TOP DOUBLE-HUNG

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

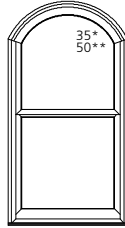
33 1/8" (841)
36 1/8" (918)
30 1/8" (765)
29 3/8" (746)
25 7/8" (657)

37 1/8" (943)
40 1/8" (1019)
34 1/8" (867)
33 3/8" (848)
29 7/8" (759)

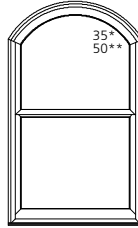
41 1/8" (1045)
44 1/8" (1121)
38 1/8" (968)
37 3/8" (949)
33 7/8" (860)

45 1/8" (1146)
48 1/8" (1222)
42 1/8" (1070)
41 3/8" (1051)
37 7/8" (962)

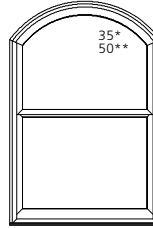
59 3/8" (1508)
60 7/8" (1546)
56 3/4" (1441)
56" (1422)
23 1/4" (591) [2]



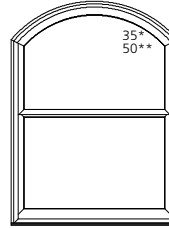
CSDU1-2446



CSDU1-2846

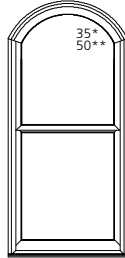


CSDU1-3046

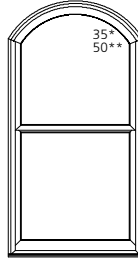


CSDU1-3446

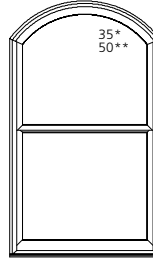
67 3/8" (1711)
68 7/8" (1749)
64 3/4" (1645)
64" (1626)
27 1/4" (692) [2]



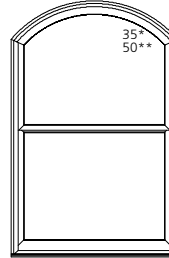
CSDU1-2452



CSDU1-2852

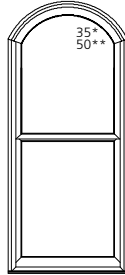


CSDU1-3052

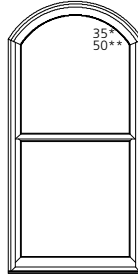


CSDU1-3452

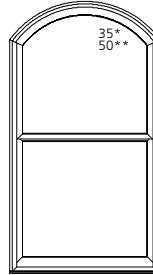
71 3/8" (1813)
72 7/8" (1851)
68 3/4" (1746)
68" (1727)
29 1/4" (743) [2]



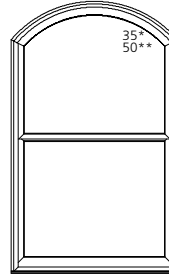
CSDU1-2456



CSDU1-2856

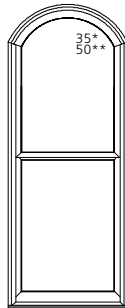


CSDU1-3056

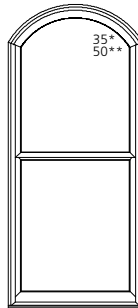


CSDU1-3456

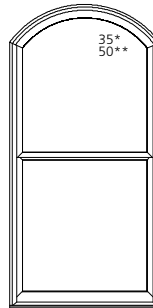
79 3/8" (2016)
80 7/8" (2054)
76 3/4" (1949)
76" (1930)
33 1/4" (845) [2]



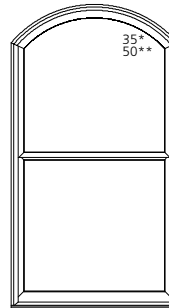
CSDU1-2462



CSDU1-2862

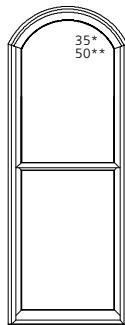


CSDU1-3062

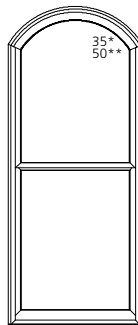


CSDU1-3462

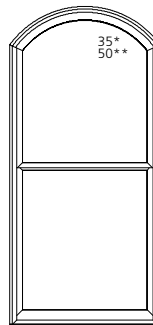
83 3/8" (2118)
84 7/8" (2155)
80 3/4" (2051)
80" (2032)
35 1/4" (895) [2]



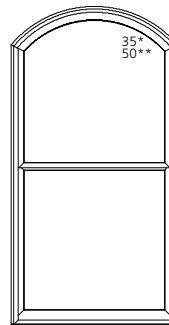
CSDU1-2466



CSDU1-2866



CSDU1-3066



CSDU1-3466

ELEVATION SYMBOL LEGEND:

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

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

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

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) 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'

OPERATING RADIUS - SECTOR TOP DOUBLE-HUNG

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

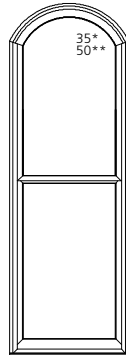
33 1/8" (841)
36 1/8" (918)
30 1/8" (765)
29 3/8" (746)
25 7/8" (657)

37 1/8" (943)
40 1/8" (1019)
34 1/8" (867)
33 3/8" (848)
29 7/8" (759)

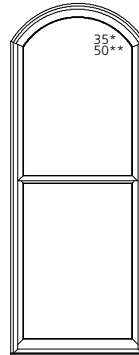
41 1/8" (1045)
44 1/8" (1121)
38 1/8" (968)
37 3/8" (949)
33 7/8" (860)

45 1/8" (1146)
48 1/8" (1222)
42 1/8" (1070)
41 3/8" (1051)
37 7/8" (962)

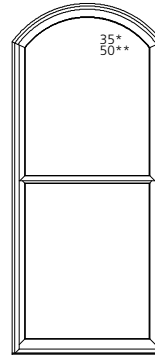
91 3/8" (2321)
92 7/8" (2359)
88 3/4" (2254)
88" (2235)
39 1/4" (997)[2]



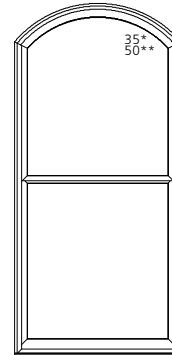
CSDU1-2472



CSDU1-2872

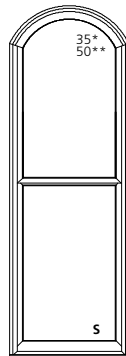


CSDU1-3072

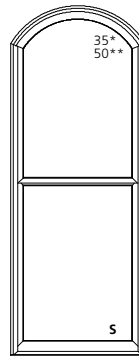


CSDU1-3472

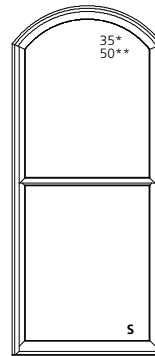
91 3/8" (2321)
92 7/8" (2359)
88 3/4" (2254)
88" (2235)
39 1/4" (997)[2]



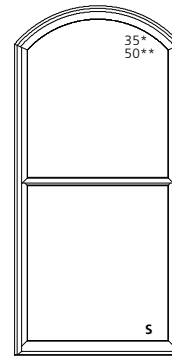
CSDU1-2472



CSDU1-2872

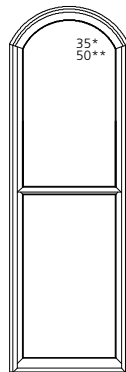


CSDU1-3072

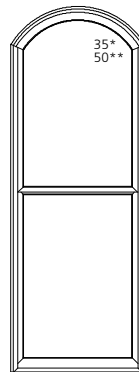


CSDU1-3472

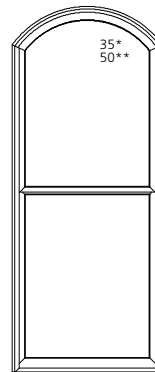
95 3/8" (2423)
96 7/8" (2461)
92 3/4" (2356)
92" (2337)
41 1/4" (1048)[2]



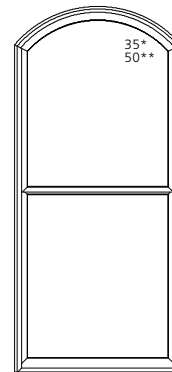
CSDU1-2476



CSDU1-2876



CSDU1-3076



CSDU1-3476

ELEVATION SYMBOL LEGEND:

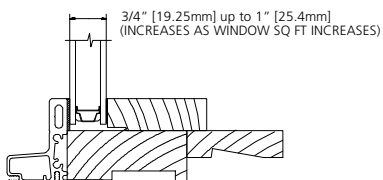
M.O. = MASONRY OPENING
VALUES IN () ARE IN MILLIMETER CONVERSIONS
VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT
NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.
###* NUMBER INDICATES OPTIONAL DESIGN PRESSURE (DP) RATING.
S STATIONARY UNIT

Note Elevations shown DO NOT have exterior trim. Subtract 3/4" (19) from M.O. (Masonry Opening) for Unit Sizes. Masonry Openings above include Sill Nose, see Trim Options page for Sill Nose specifications. For other Trim Options refer to the Unit Sizing, Rough Opening & Masonry Openings page.

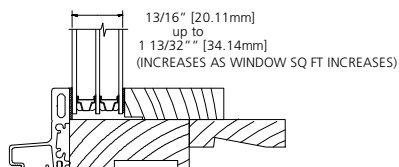
SCALE: 1/4" = 1'

GLAZING OPTIONS

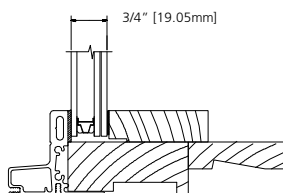
INTERIOR GLAZED



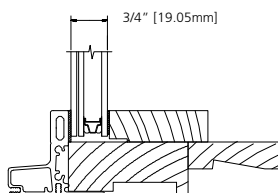
INSULATED GLASS



TRIPLE INSULATED GLASS



**LAMINATED INSULATED
CLEAR OR LOW-E**
3.0mm/6.7mm LAMINATE

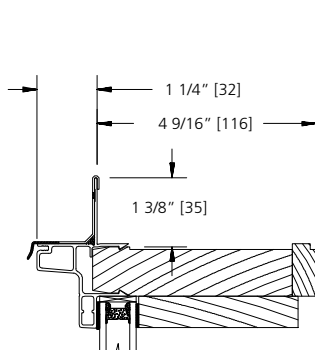


**LAMINATED INSULATED
TINTED**
6.7mm LAMINATE//3.0mm

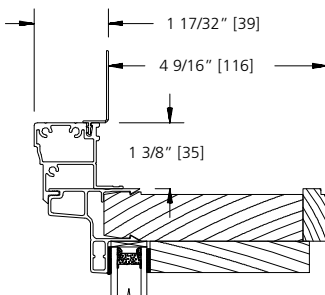
SCALE: 3" = 1'

TRIM OPTIONS

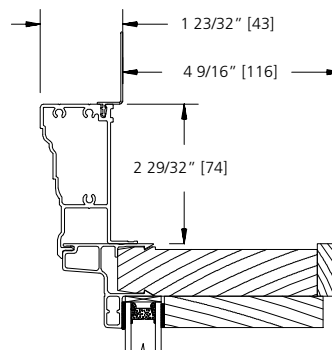
STRAIGHTLINE EXTERIOR TRIM



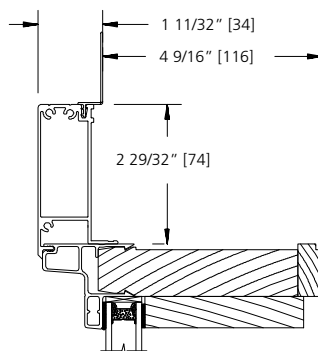
STANDARD



BRICKMOULD

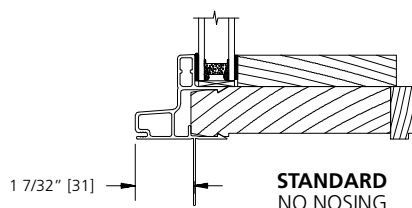


ADAMS CASING

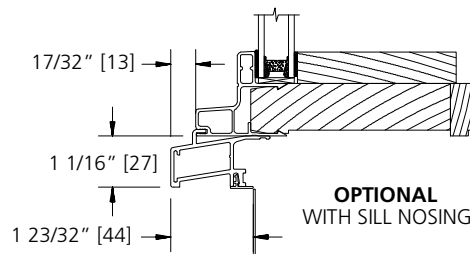


3 1/2" FLAT CASING

SILL OPTIONS



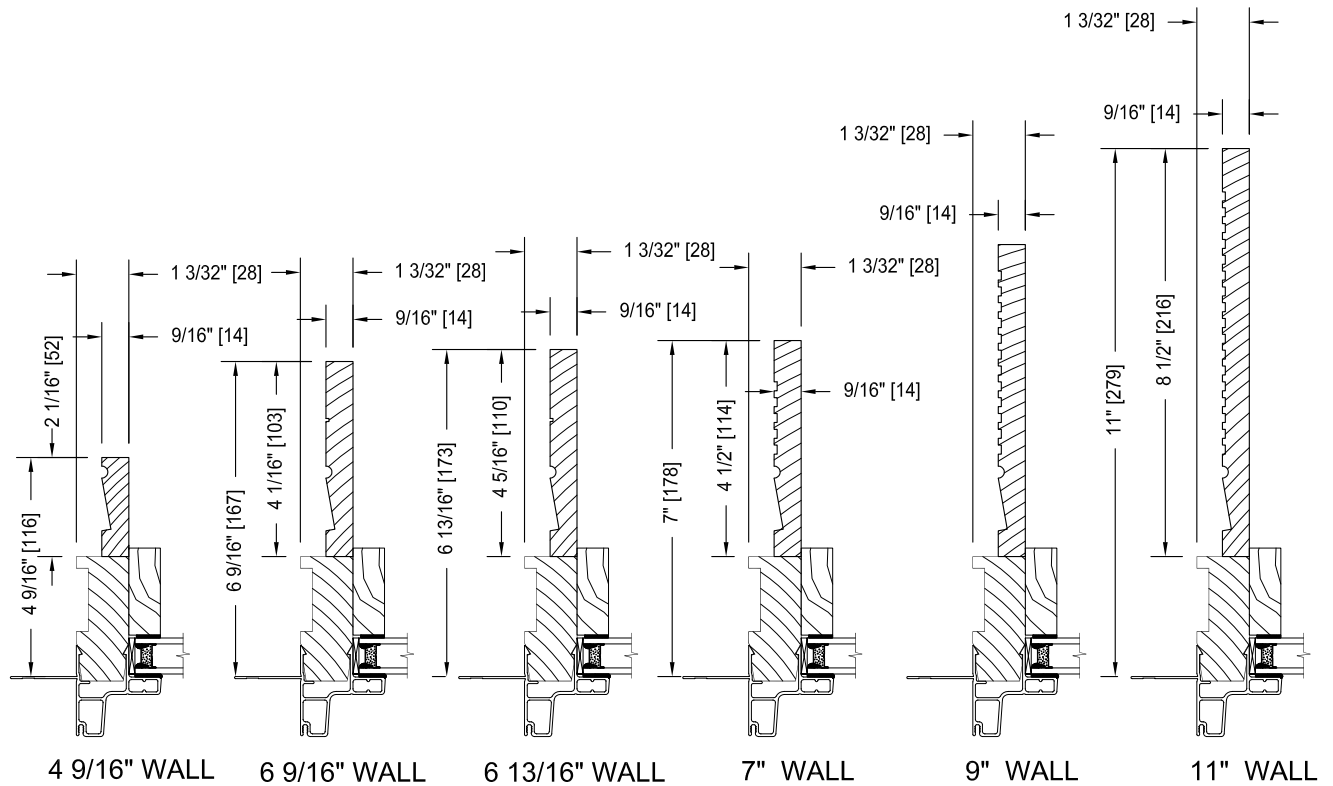
**STANDARD
NO NOSING**



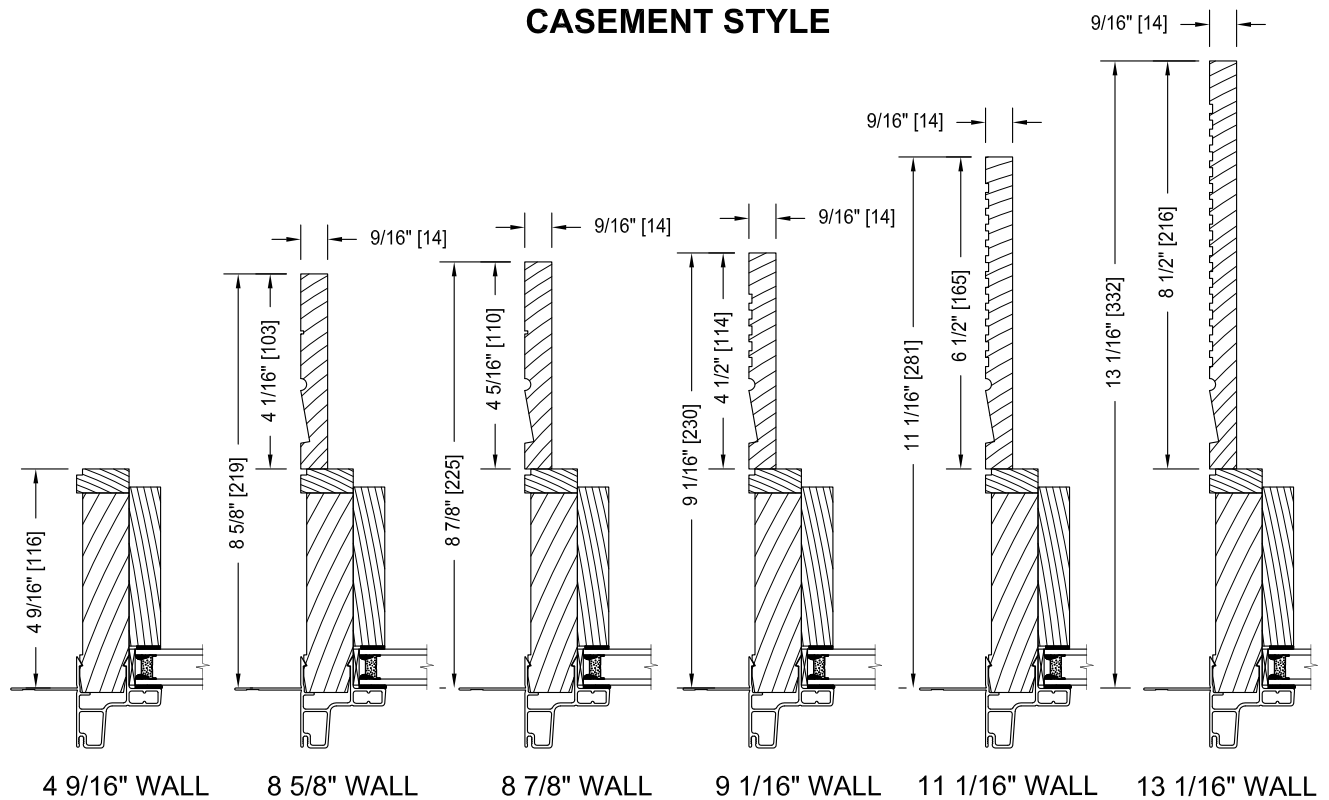
**OPTIONAL
WITH SILL NOSING**

SCALE: 3" = 1'

JAMB EXTENDER OPTIONS

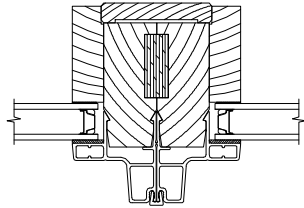


CASEMENT STYLE

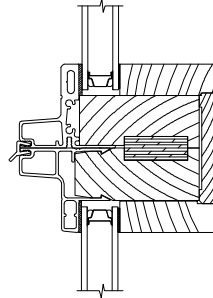


DOUBLE-HUNG STYLE

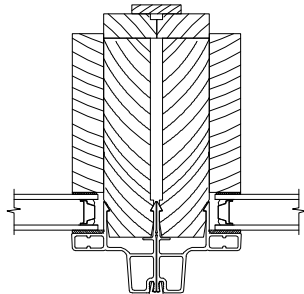
STANDARD MULLION OPTIONS



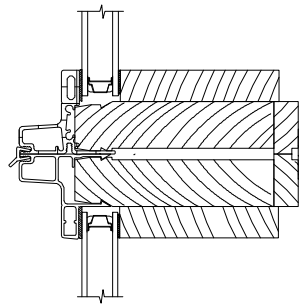
**DIRECT SET GEOMETRIC
NEXT TO DIRECT SET GEOMETRIC
(CASEMENT STYLE)**



**DIRECT SET RADIUS
OVER DIRECT SET GEOMETRIC
(CASEMENT STYLE)**



**DIRECT SET GEOMETRIC
NEXT TO DIRECT SET GEOMETRIC
(DOUBLE HUNG STYLE)**



**DIRECT SET RADIUS
OVER DIRECT SET GEOMETRIC
(DOUBLE HUNG STYLE)**

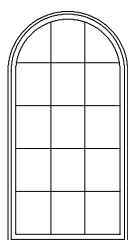
SCALE: 3" = 1'

LITE CUT INFORMATION

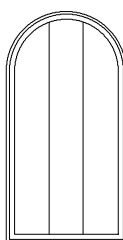
Clad direct set geometric windows are available with removable grilles in 7/8", 1-1/8" and 1-3/8" widths, Airspace (between the panes) grilles, and Simulated Divided Lites. Standard lite cuts are rectangular.

LITE CUT OPTIONS

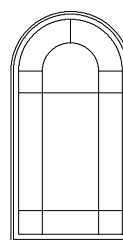
Special lite cut patterns can include a wide variety of straight line and radius patterns. The illustrations shown here represent just a few of the possibilities. Rectangular, horizontal, vertical and Prairie lite patterns are available in all standard size clad geometric windows. Uneven, diamond, radius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



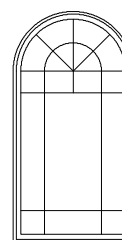
RECTANGULAR



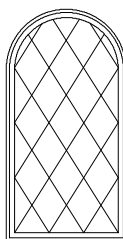
VERTICAL



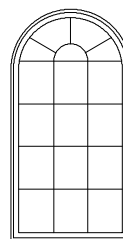
PRAIRIE



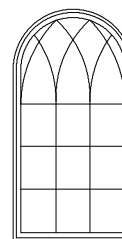
UNEVEN



DIAMOND
SDL ONLY



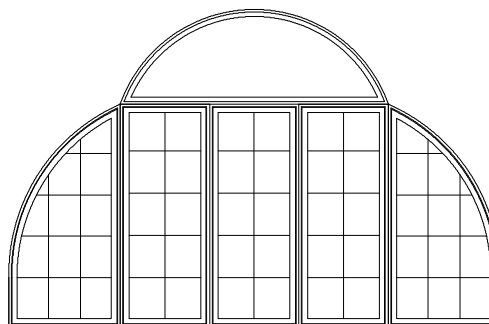
RADIUS



GOthic
SDL ONLY

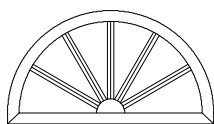
BAR ALIGNMENT

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

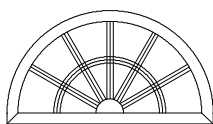


LITE CUT INFORMATION

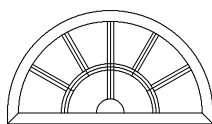
HALF ROUND AND ELLIPTICAL TOPS



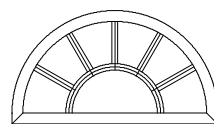
SH-50



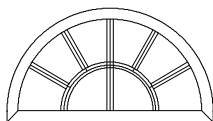
SH-51



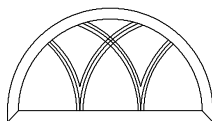
SHC-51



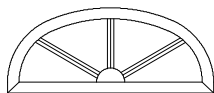
OH-51



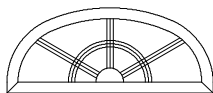
OHC-51



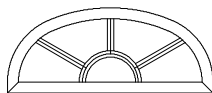
GOTHIC



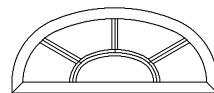
SH-30



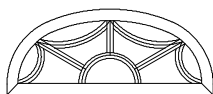
SH-31



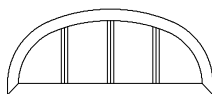
OH-31



OH-31

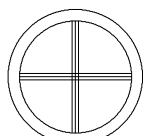


OH-31
WITH SPIDER WEB

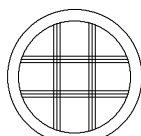


COLONIAL

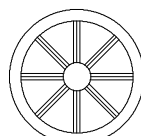
FULL ROUND BREAKUP PATTERNS



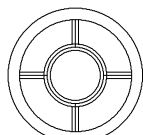
PT-40



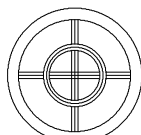
3X3



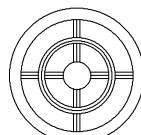
SH-80



OH-41



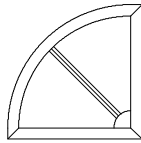
PT-41



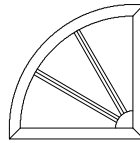
SH-41

LITE CUT INFORMATION

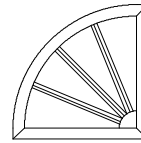
QUARTER ROUND BREAKUP PATTERNS



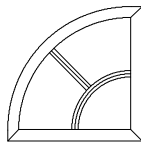
SH-10



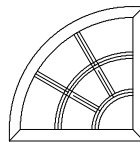
SH-20



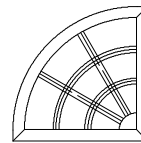
SH-30



OH-11



OH-22

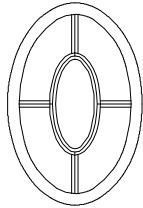


SH-22

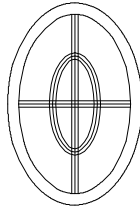
LITE CUT INFORMATION

OVALS

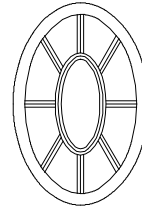
PATTERNS SHOWN BELOW ARE AVAILABLE
IN REMOVABLE WOOD GRILLES.



5 LITE OPEN HUB

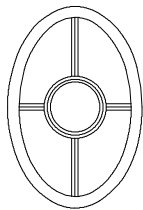


8 LITE OPEN HUB

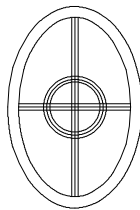


9 LITE OPEN HUB

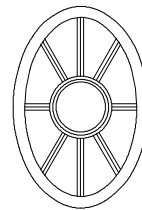
PATTERNS SHOWN BELOW ARE AVAILABLE IN SIMULATE DIVIDED LITES (SDL)
AND GRILLES BETWEEN THE GLASS (5/8" FLAT GBG).



5 LITE OPEN HUB



8 LITE OPEN HUB



9 LITE OPEN HUB

LITE CUT INFORMATION

INVERTED RADIUS SILL NOTE:

Windows with inverted radius sills have continuous head and sill configurations. The twin, triple and quad units utilize a mullion post as part of a single unit. Single lines represent grille and thermal bar lite break ups. Twin, triple and quad units are single units with mullion posts being represented by several lines.

INVERTED HALF ROUND LITE PATTERNS

INVERTED HALF ROUND SILL



200 SERIES
RADIUS HUB



400 SERIES



800 SERIES



1200 SERIES

INVERTED HALF ROUND SILL - TWIN



200 SERIES
RADIUS HUB



200 SERIES



400 SERIES



600 SERIES

INVERTED HALF ROUND SILL - TRIPLE



200 SERIES
RADIUS HUB



200 SERIES



400 SERIES

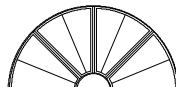


600 SERIES

INVERTED HALF ROUND SILL - QUAD



200 SERIES
RADIUS HUB



200 SERIES



400 SERIES



600 SERIES

INVERTED QUARTER ROUND LITE PATTERNS

INVERTED QUARTER ROUND SILL



200 SERIES
RADIUS HUB



200 SERIES



400 SERIES



600 SERIES

INVERTED QUARTER ROUND SILL - TWIN



200 SERIES
RADIUS HUB



200 SERIES



400 SERIES



600 SERIES

INVERTED QUARTER ROUND SILL - TRIPLE



200 SERIES
RADIUS HUB



200 SERIES

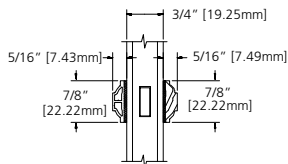


400 SERIES

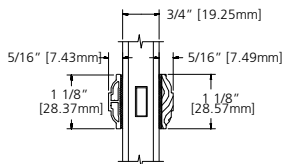


600 SERIES

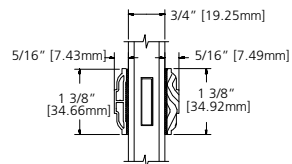
DIVIDED LITE OPTIONS



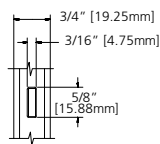
7/8" SDL



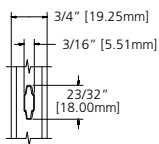
1 1/8" SDL



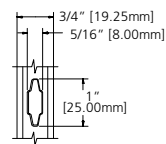
1 3/8" SDL



5/8" GRILLE



23/32" GRILLE

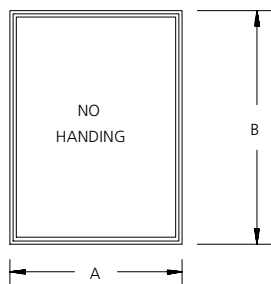


1" GRILLE

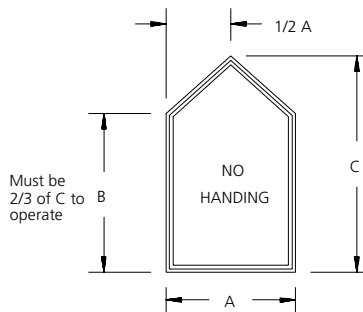
Continued on next page

STRAIGHT LINE SHAPES

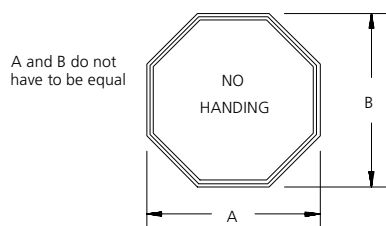
ALL GEOMETRIC WINDOW SHAPES ARE
VIEWED FROM THE EXTERIOR.



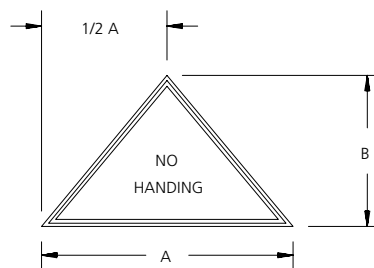
RECTANGLE



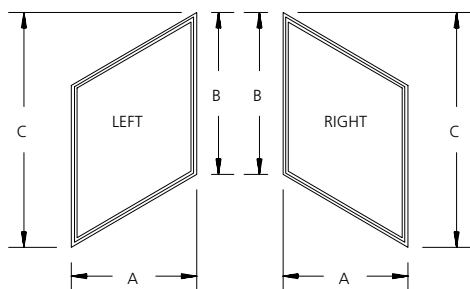
PENTOID



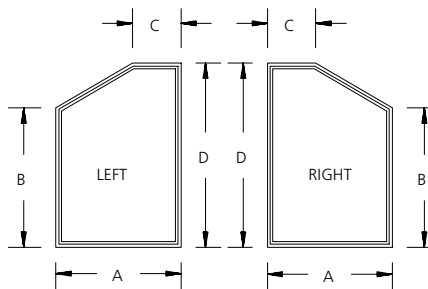
OCTAGON



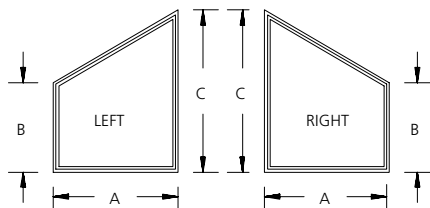
**TRIANGLE
(EQUILATERAL - ISOCELES)**



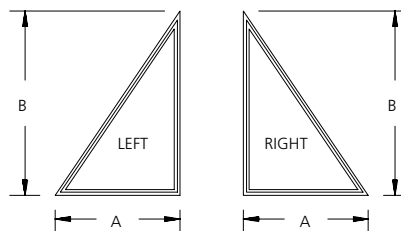
PARALLELOGRAM



**PENTOID
(ASYMMETRICAL)**

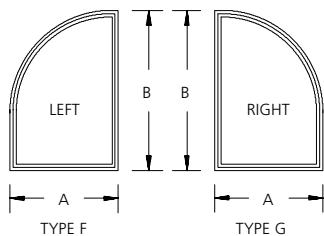


TRAPEZOID

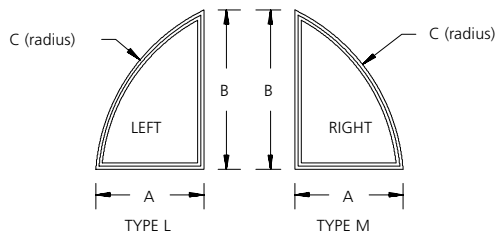


RIGHT TRIANGLE

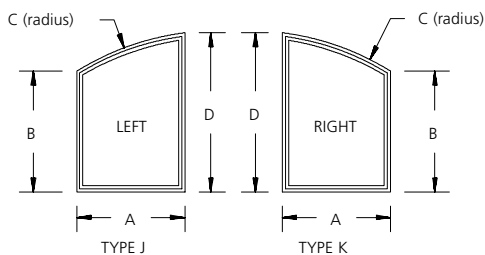
RADIUS SHAPES



**OPEN BOTTOM
QUARTER ROUND**

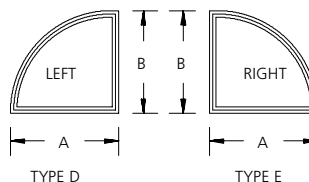


**HANDED
SECTOR**

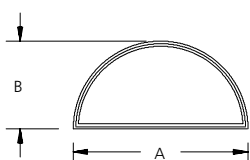


**OPEN BOTTOM - HANDED
SECTOR**

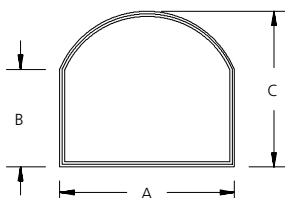
ALL GEOMETRIC WINDOW SHAPES ARE
VIEWED FROM THE EXTERIOR.



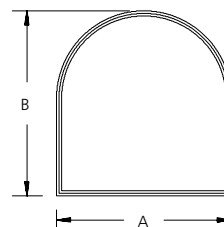
QUARTER ROUND



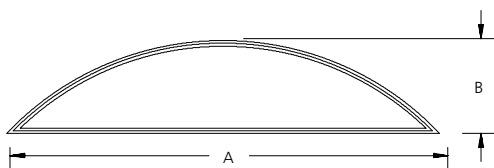
HALF ROUND



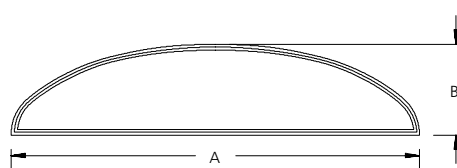
**OPEN BOTTOM
SECTOR**



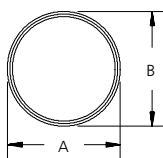
**OPEN BOTTOM
HALF ROUND**



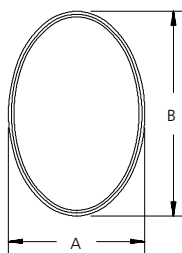
SECTOR



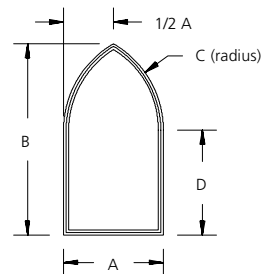
ELLIPSE



FULL ROUND



OVAl

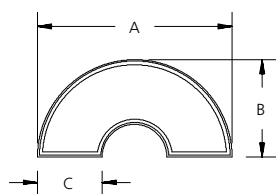


GOTHIC

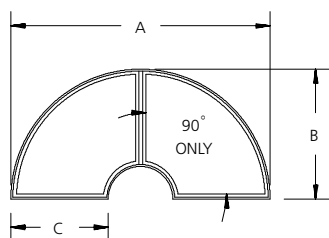
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RADIUS SHAPES

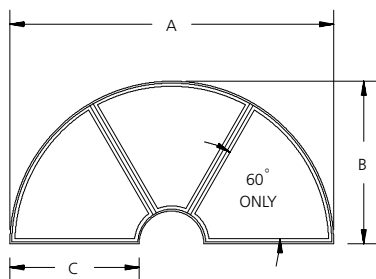
ALL GEOMETRIC WINDOW SHAPES ARE
VIEWED FROM THE EXTERIOR.



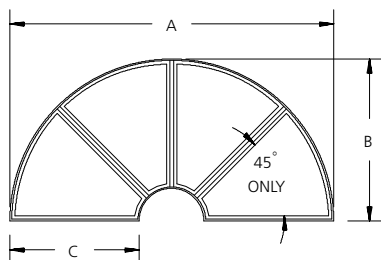
TYPE BI - 1
INVERTED HALF ROUND



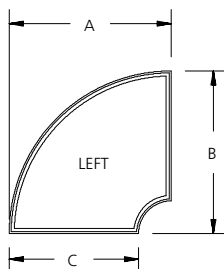
TYPE BI - 2
INVERTED HALF ROUND - TWIN



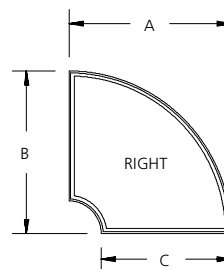
TYPE BI - 3
INVERTED HALF ROUND - TRIPLE



TYPE BI - 4
INVERTED HALF ROUND - QUAD

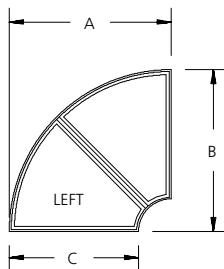


TYPE DI - 1

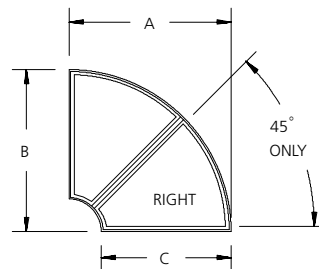


TYPE EI - 1

INVERTED QUARTER ROUND

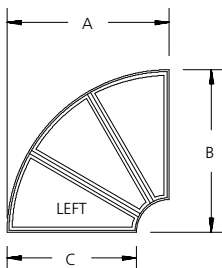


TYPE DI - 2

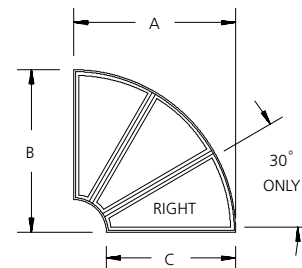


TYPE EI - 2

INVERTED QUARTER ROUND - TWIN



TYPE DI - 3



TYPE EI - 3

INVERTED QUARTER ROUND - TRIPLE

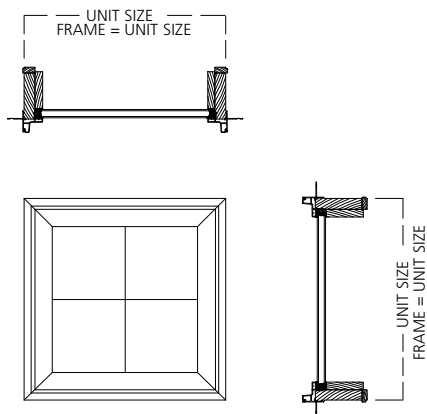
INVERTED HALF ROUND AND QUARTER ROUND UNITS

Inverted half round and quarter round units have continuous head and sill configurations which utilize mullion posts from frame to frame. See Section Details & Dimensions for mullion post specifications. The mullion posts are positioned radially from the center point of the sill radius.

UNIT SIZING, ROUGH OPENINGS & MASONRY OPENINGS

STANDARD OFFERING

DRIP CAP

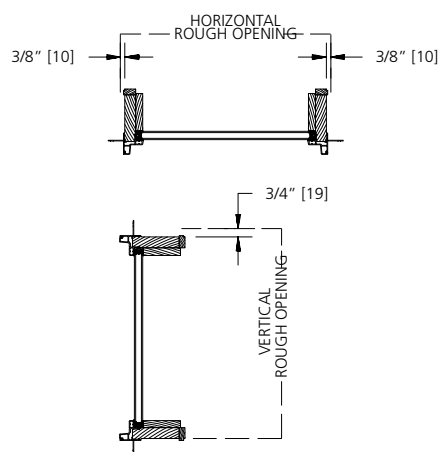


MASONRY OPENING:

MASONRY OPENING IS ALWAYS 3/4" OVER
THE UNIT SIZE OF THE WINDOW

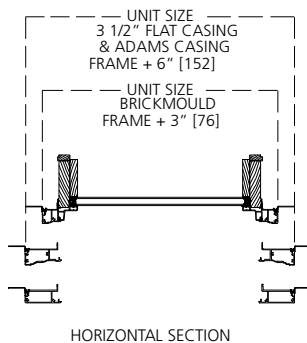
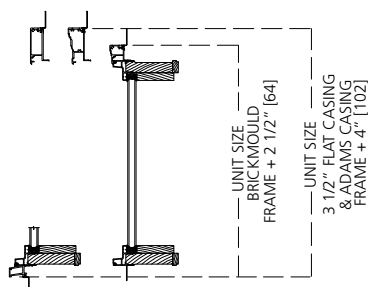
ROUGH OPENING:

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



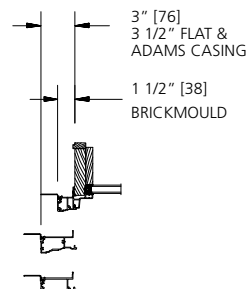
NON-STANDARD UNIT SIZING

EXTERIOR TRIM OFFERINGS



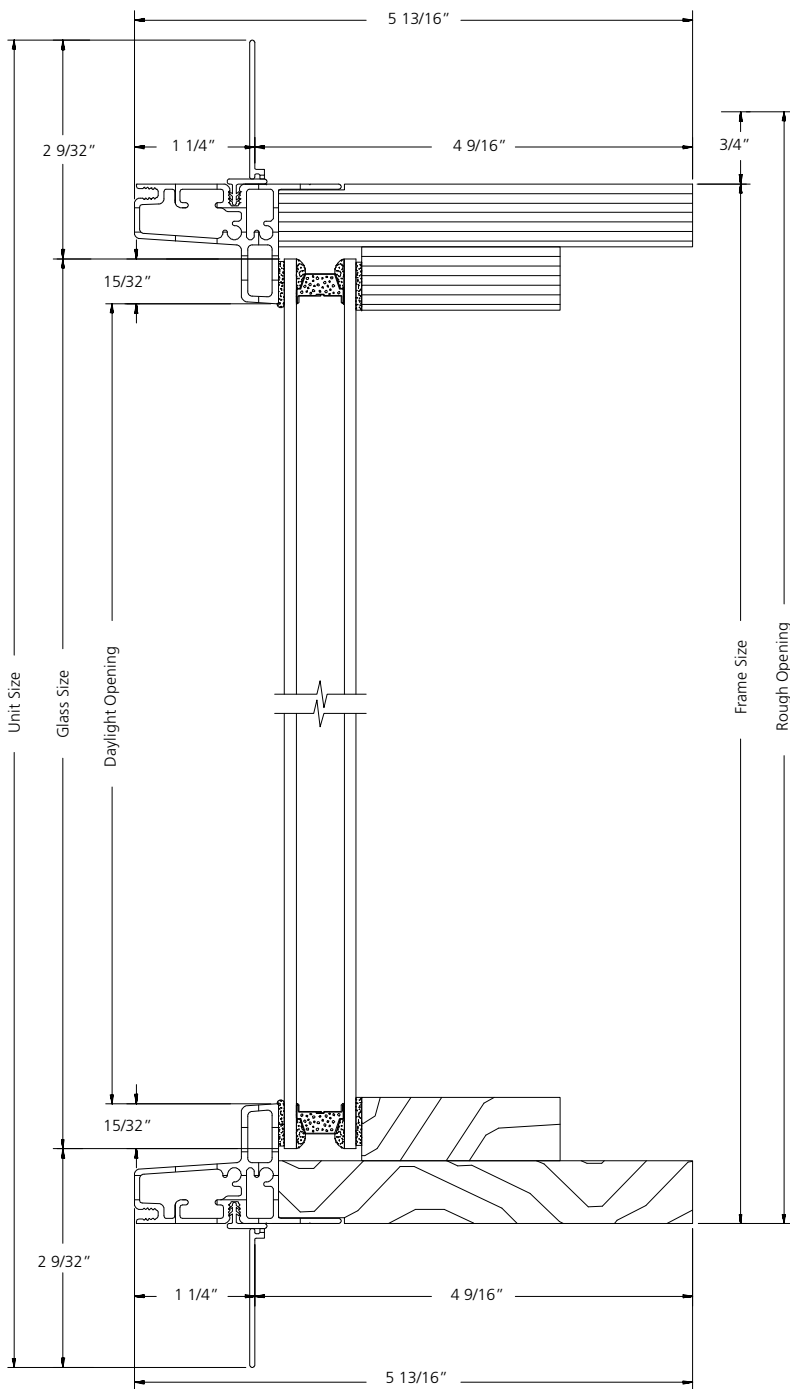
HORIZONTAL SECTION

FRAME TO TRIM DIMENSIONS



TYPICAL FOR HEAD, SILL & SIDE

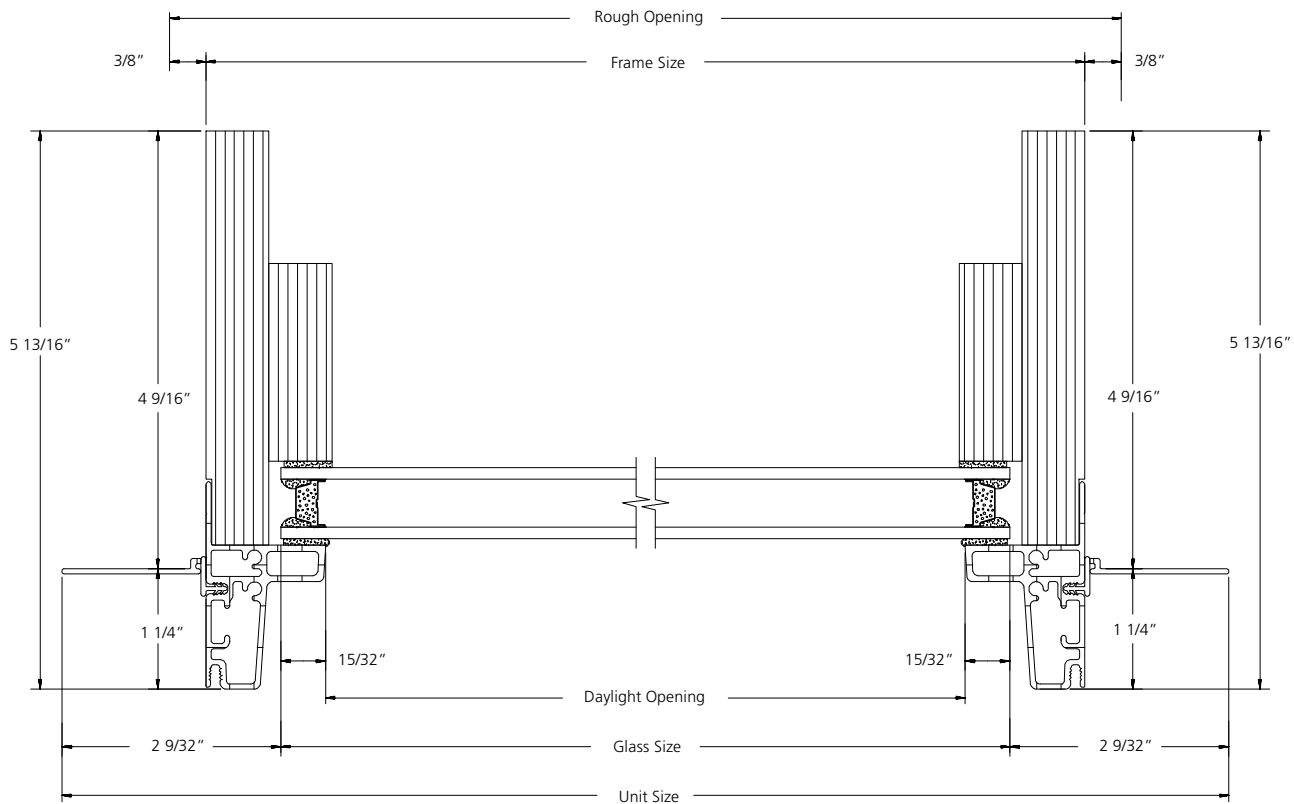
RADIUS UNIT



VERTICAL SECTION

SCALE: 6" = 1'

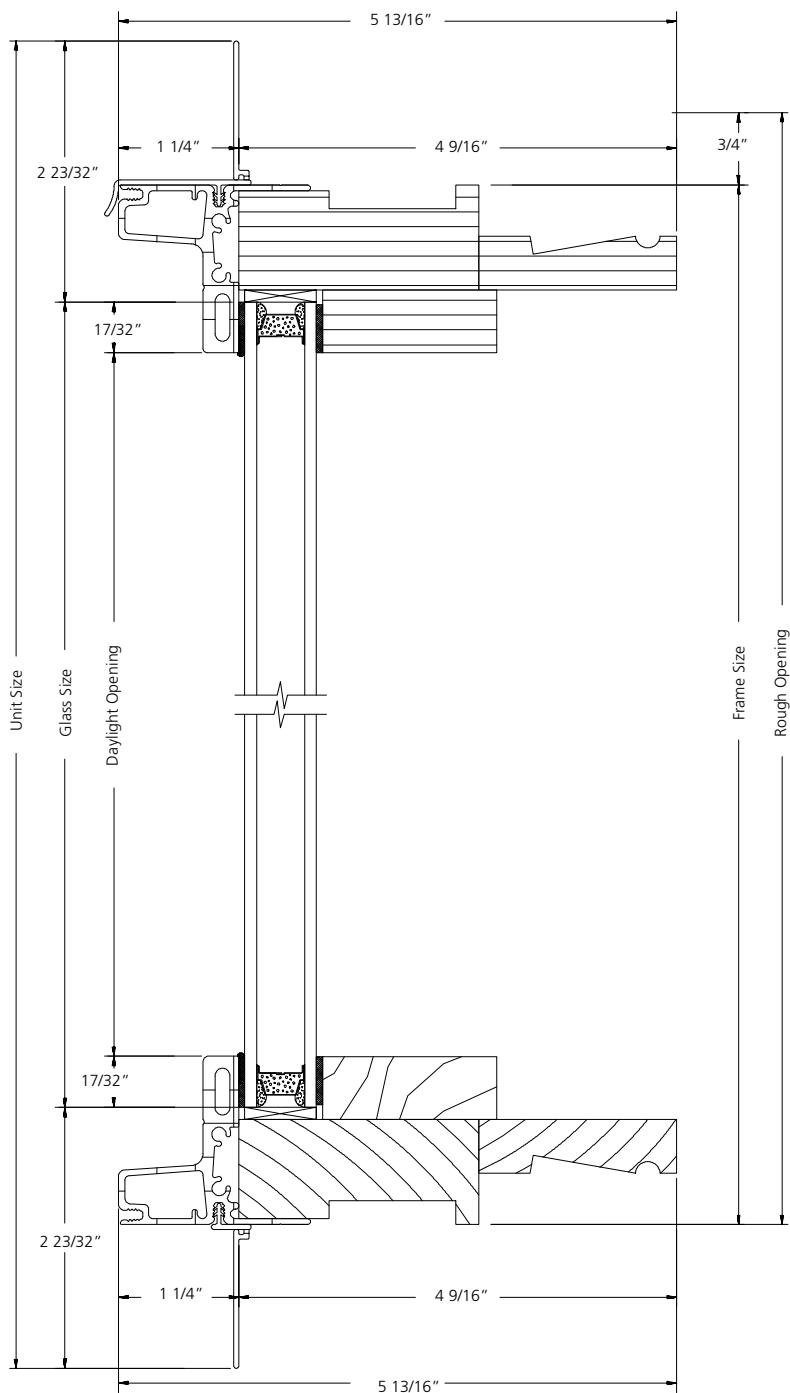
RADIUS UNIT



HORIZONTAL SECTION

SCALE: 6" = 1'

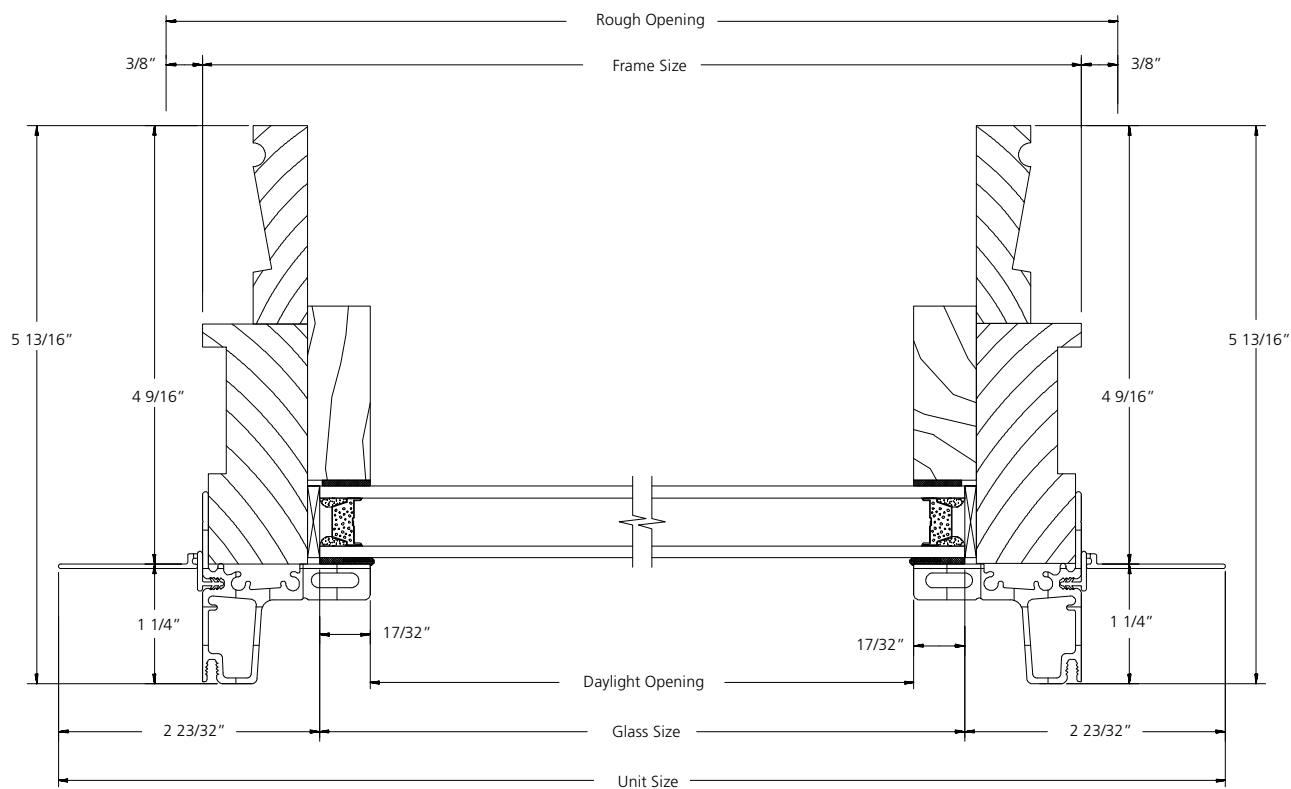
RADIUS CASEMENT UNIT



VERTICAL SECTION

SCALE: 6" = 1'

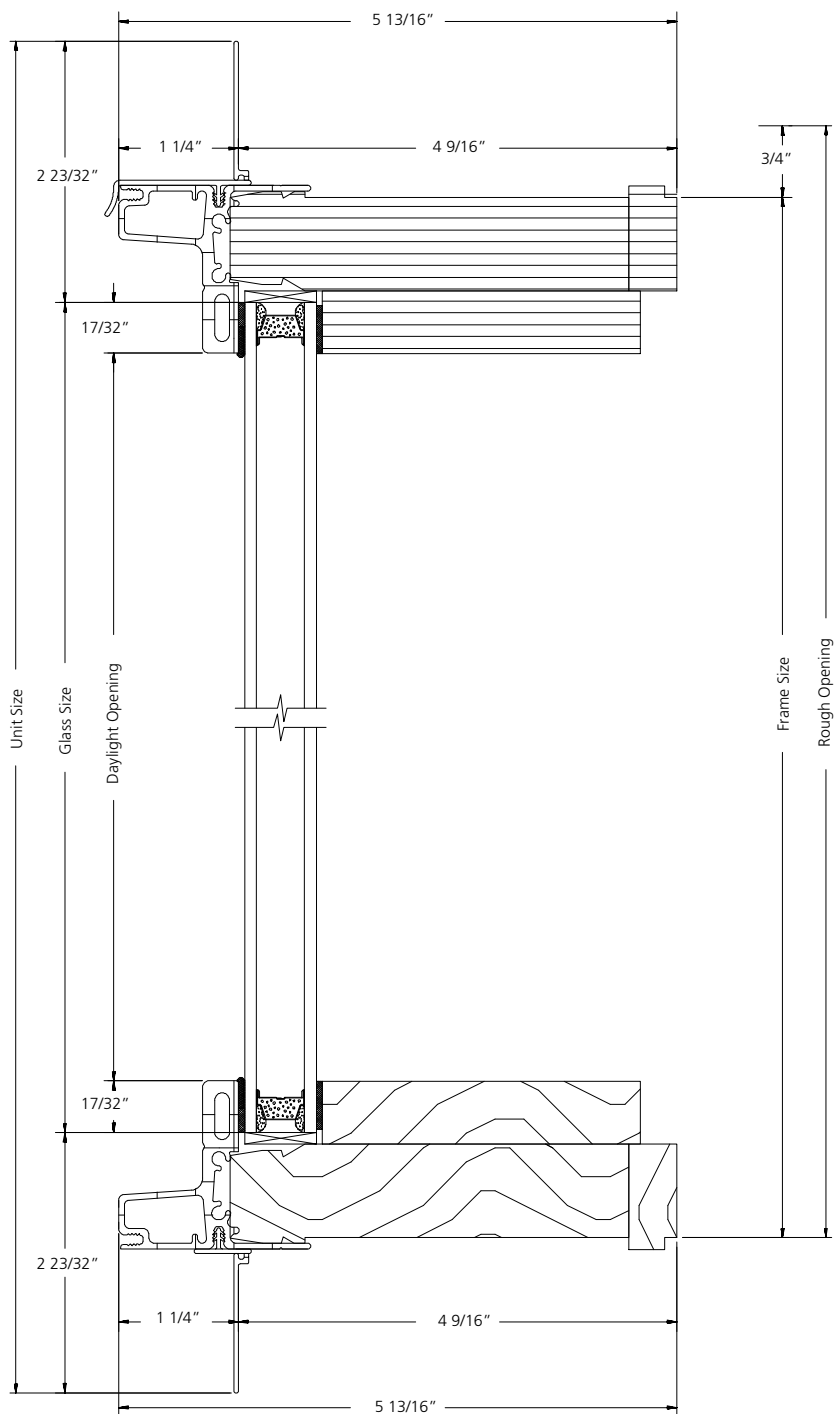
RADIUS CASEMENT UNIT



HORIZONTAL SECTION

SCALE: 6" = 1'

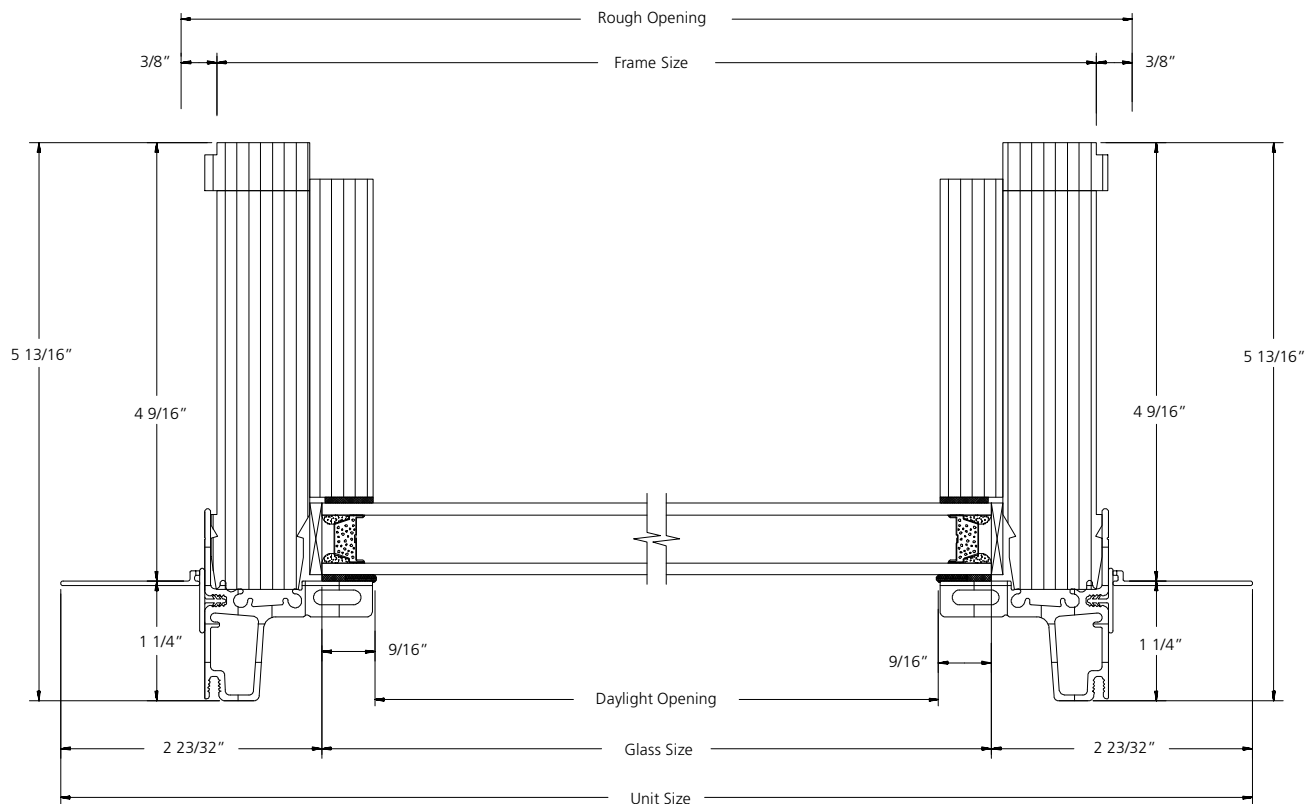
RADIUS DOUBLE-HUNG UNIT



VERTICAL SECTION

SCALE: 6" = 1'

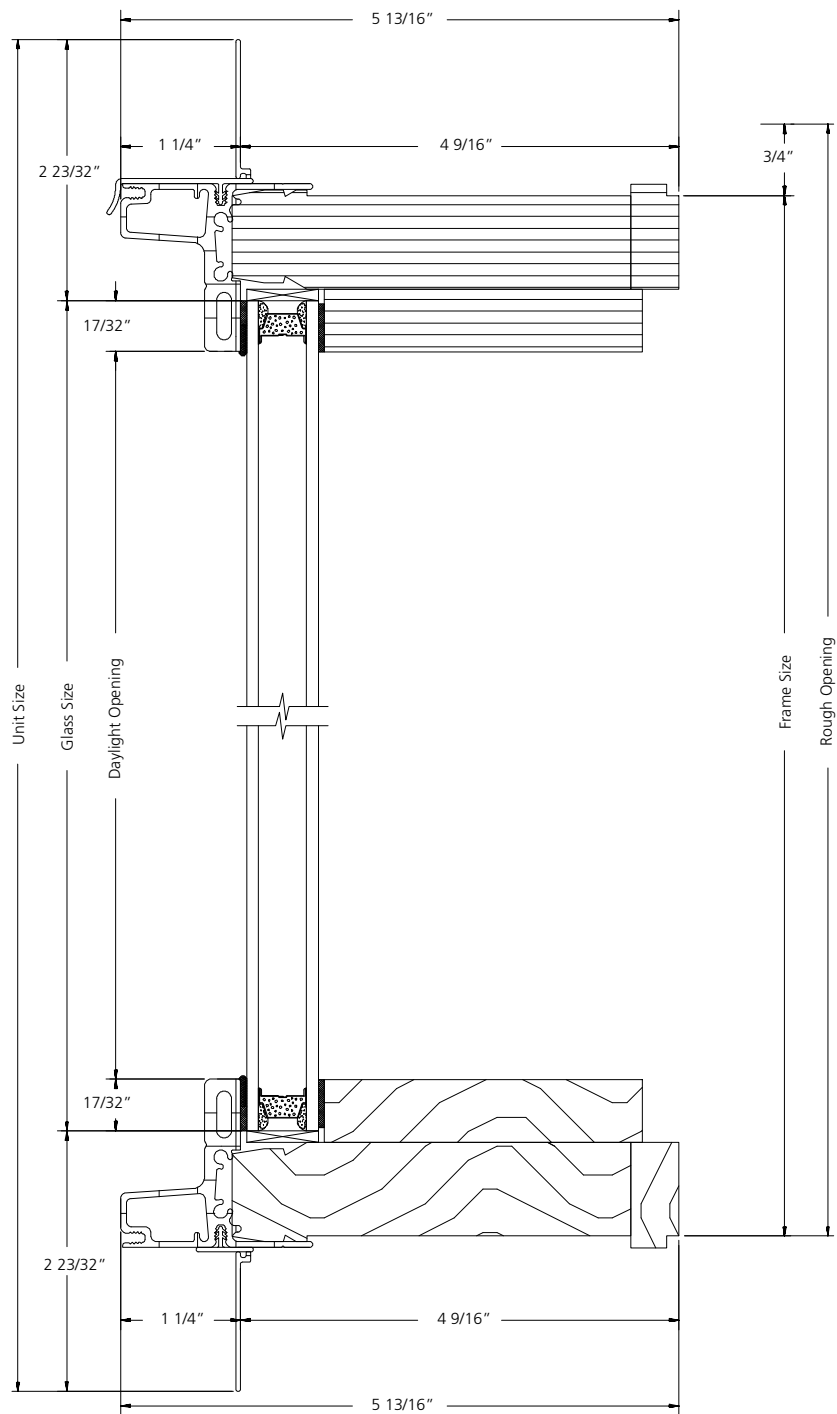
RADIUS DOUBLE-HUNG UNIT



HORIZONTAL SECTION

SCALE: 6" = 1'

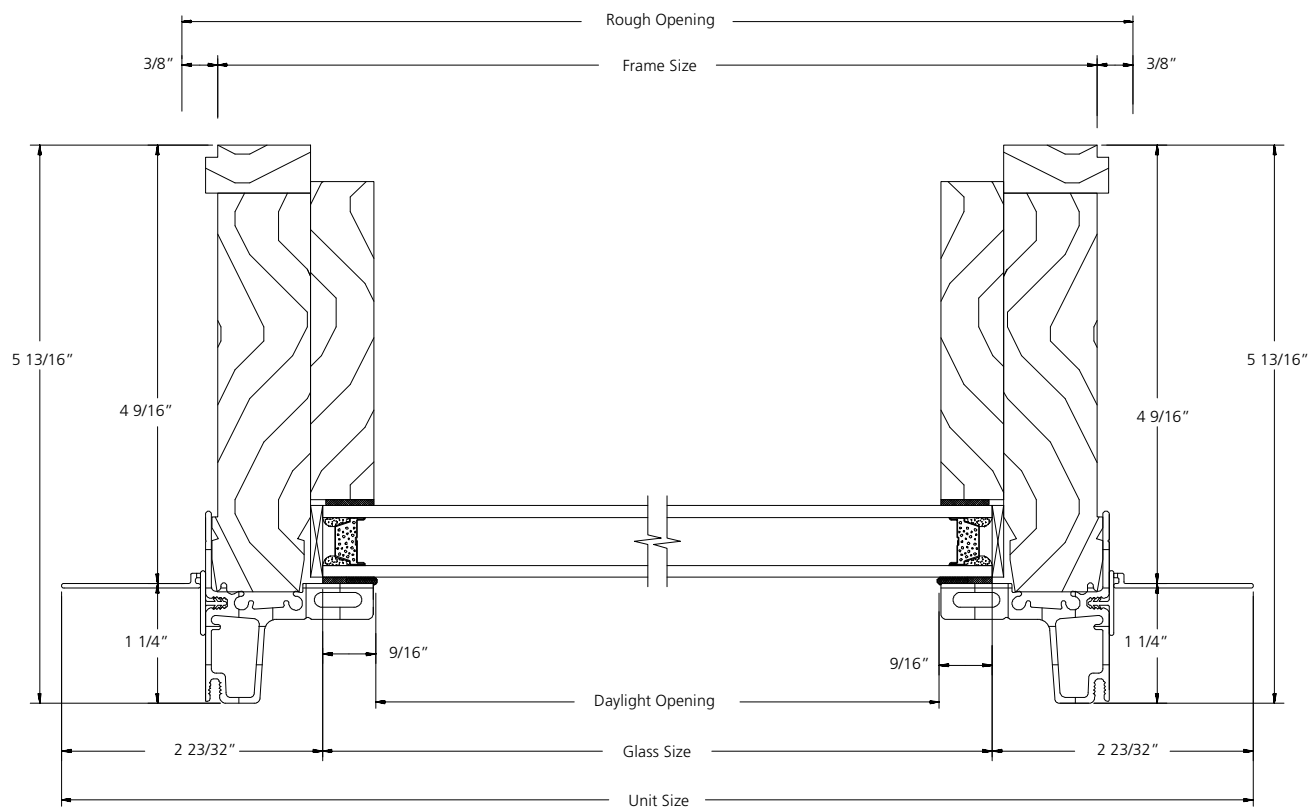
RADIUS DOOR TRANSOM UNIT



VERTICAL SECTION

SCALE: 6" = 1'

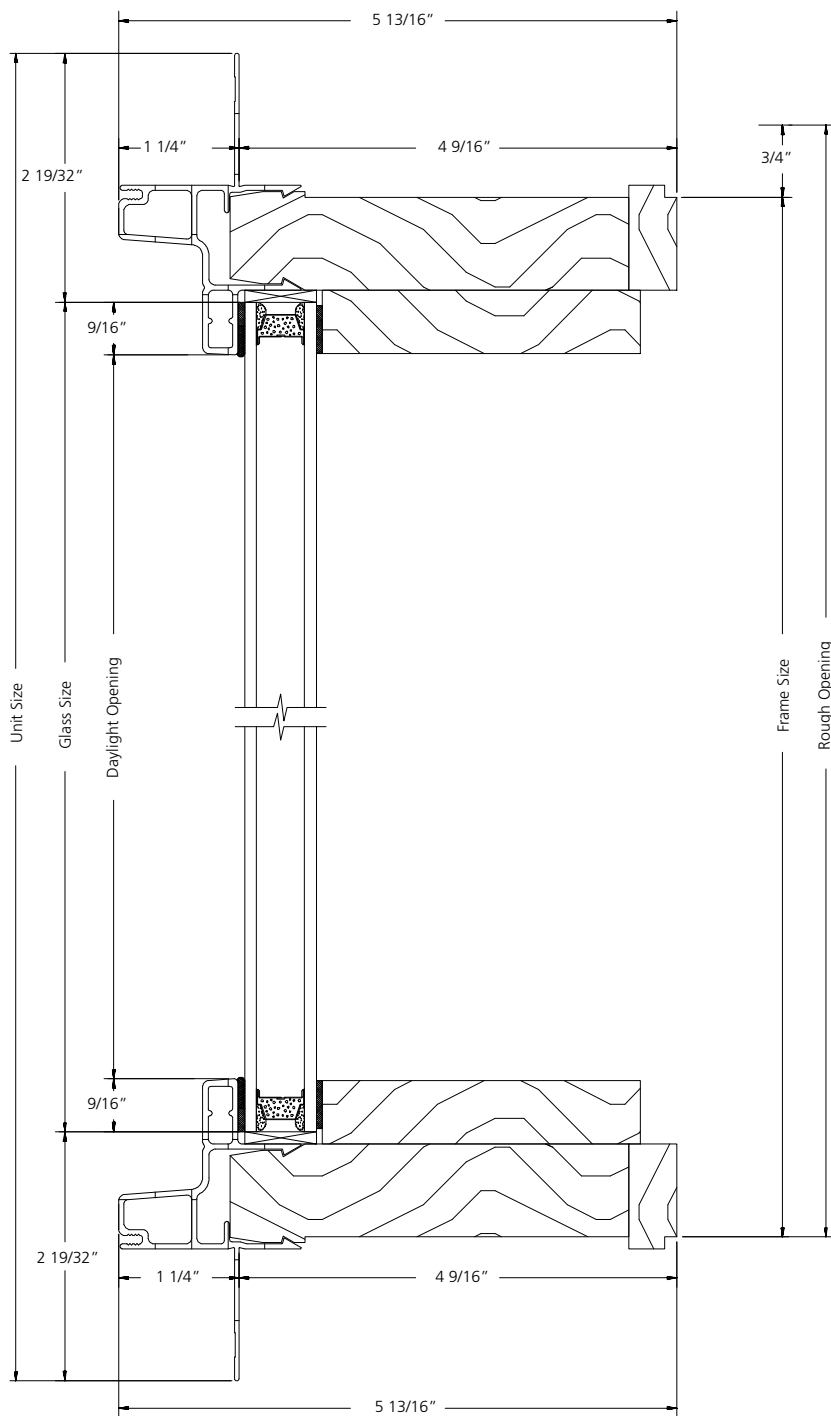
RADIUS DOOR TRANSOM UNIT



HORIZONTAL SECTION

SCALE: 6" = 1'

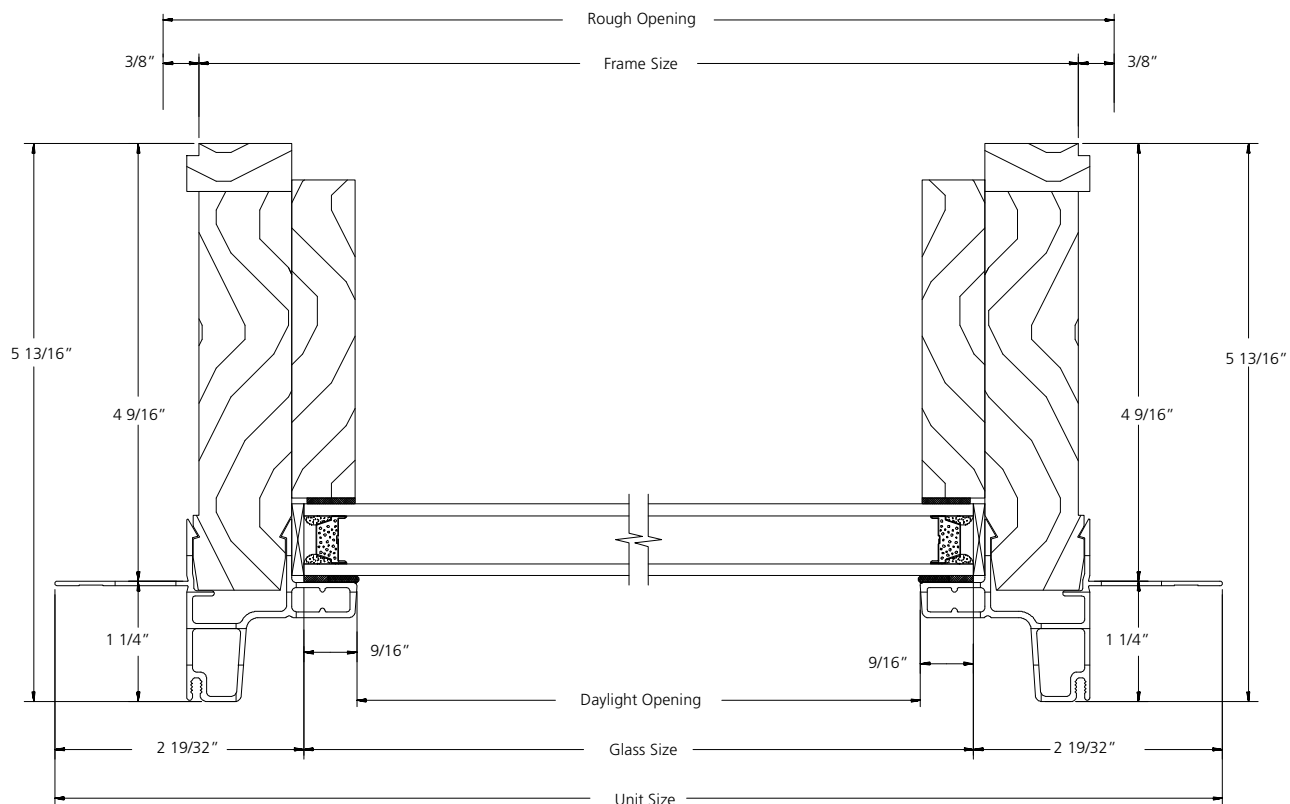
GEOMETRIC UNIT



VERTICAL SECTION

SCALE: 6" = 1'

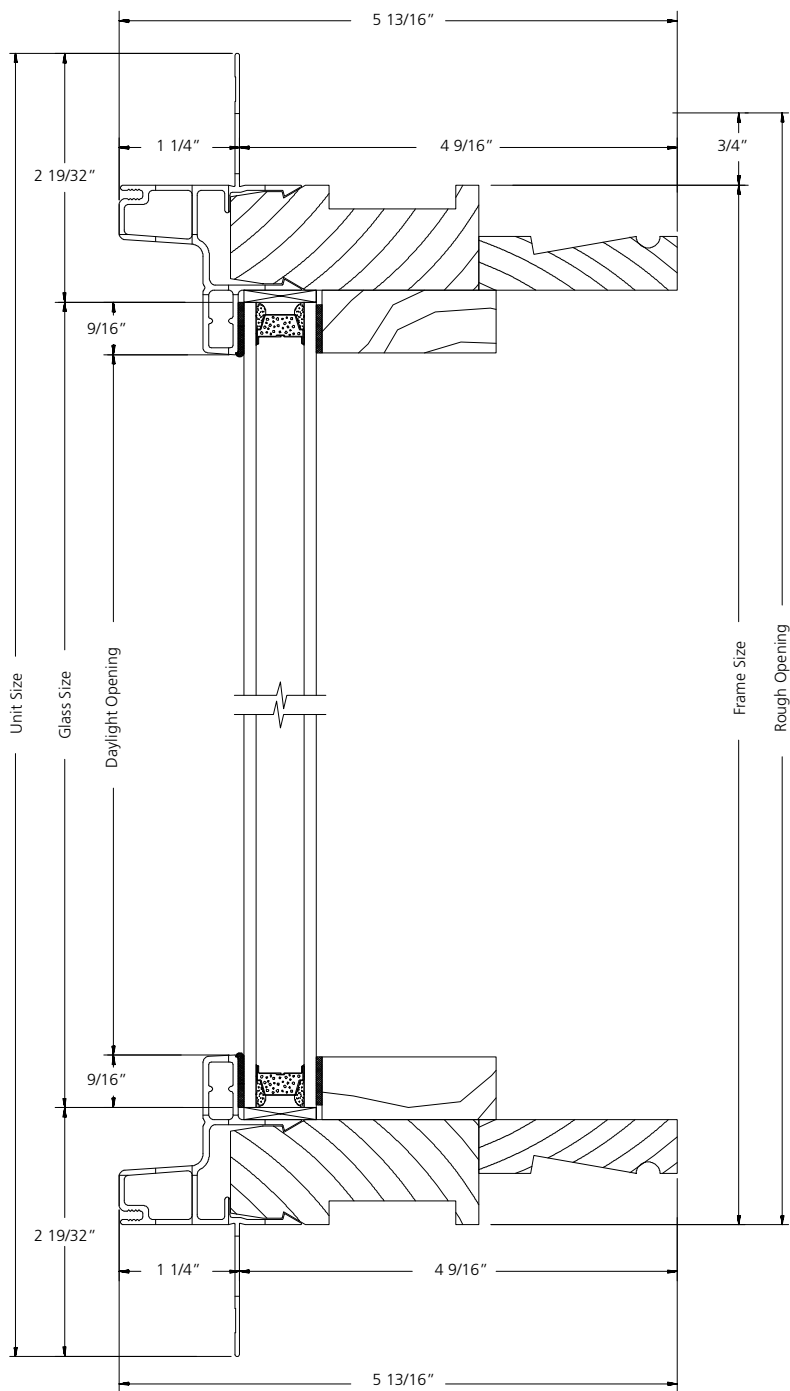
GEOMETRIC UNIT



HORIZONTAL SECTION

SCALE: 6" = 1'

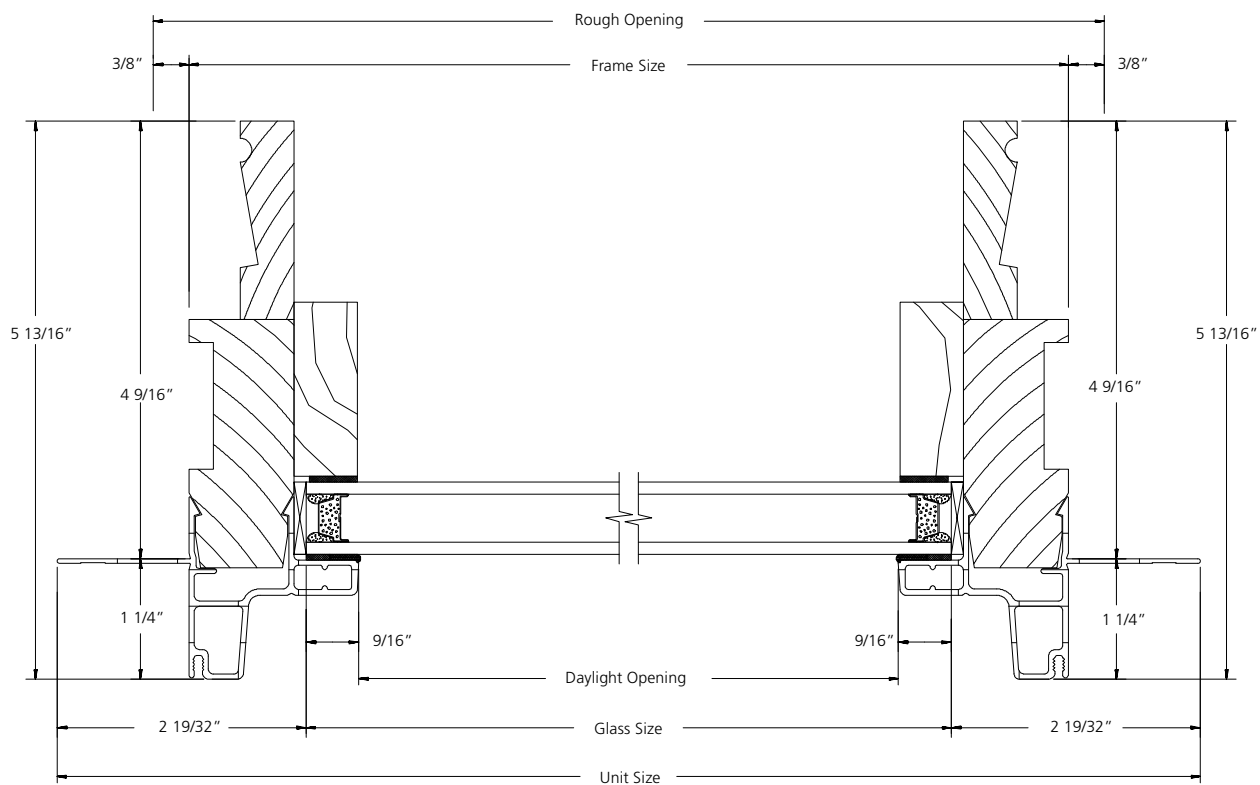
GEOMETRIC CASEMENT UNIT



VERTICAL SECTION

SCALE: 6" = 1'

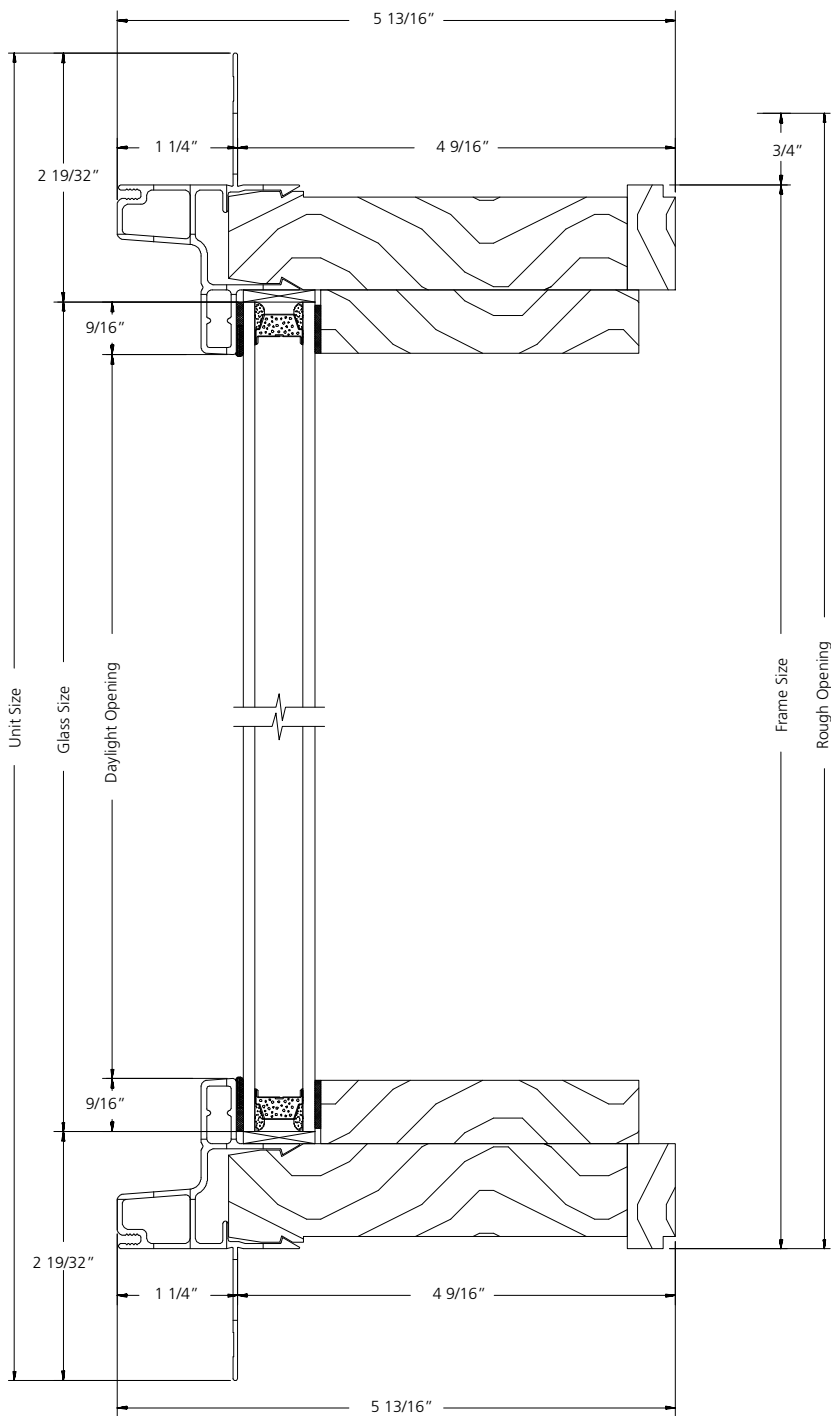
GEOMETRIC CASEMENT UNIT



HORIZONTAL SECTION

SCALE: 6" = 1'

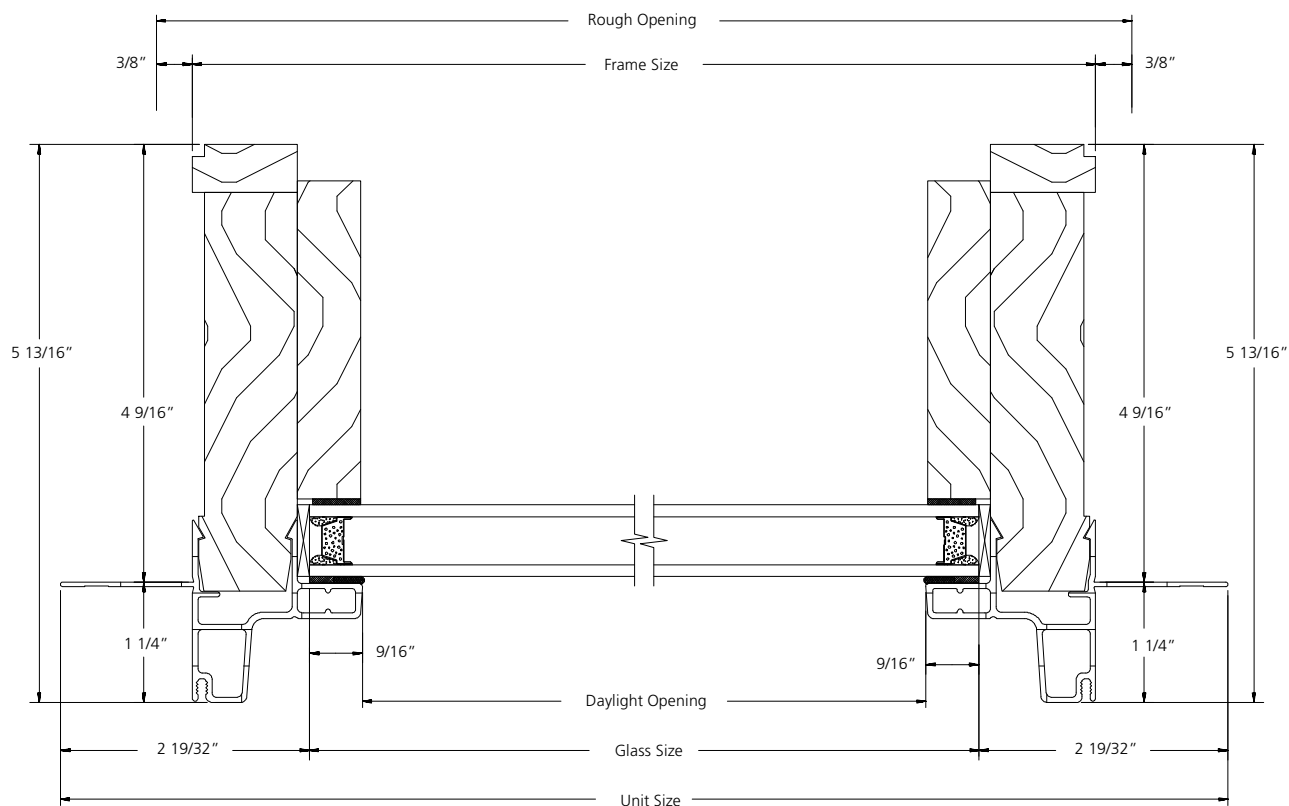
GEOMETRIC DOUBLE-HUNG UNIT



VERTICAL SECTION

SCALE: 6" = 1'

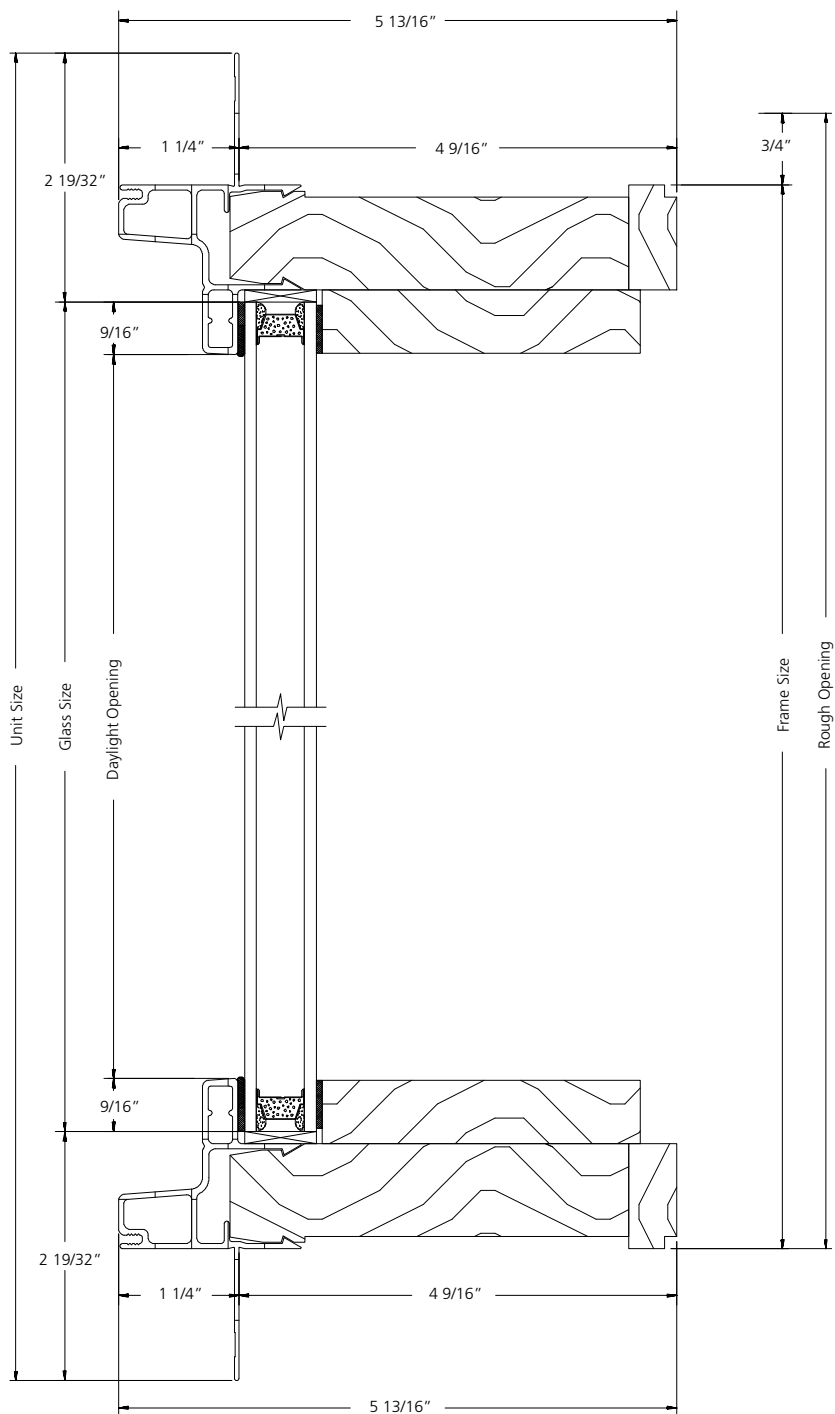
GEOMETRIC DOUBLE-HUNG UNIT



HORIZONTAL SECTION

SCALE: 6" = 1'

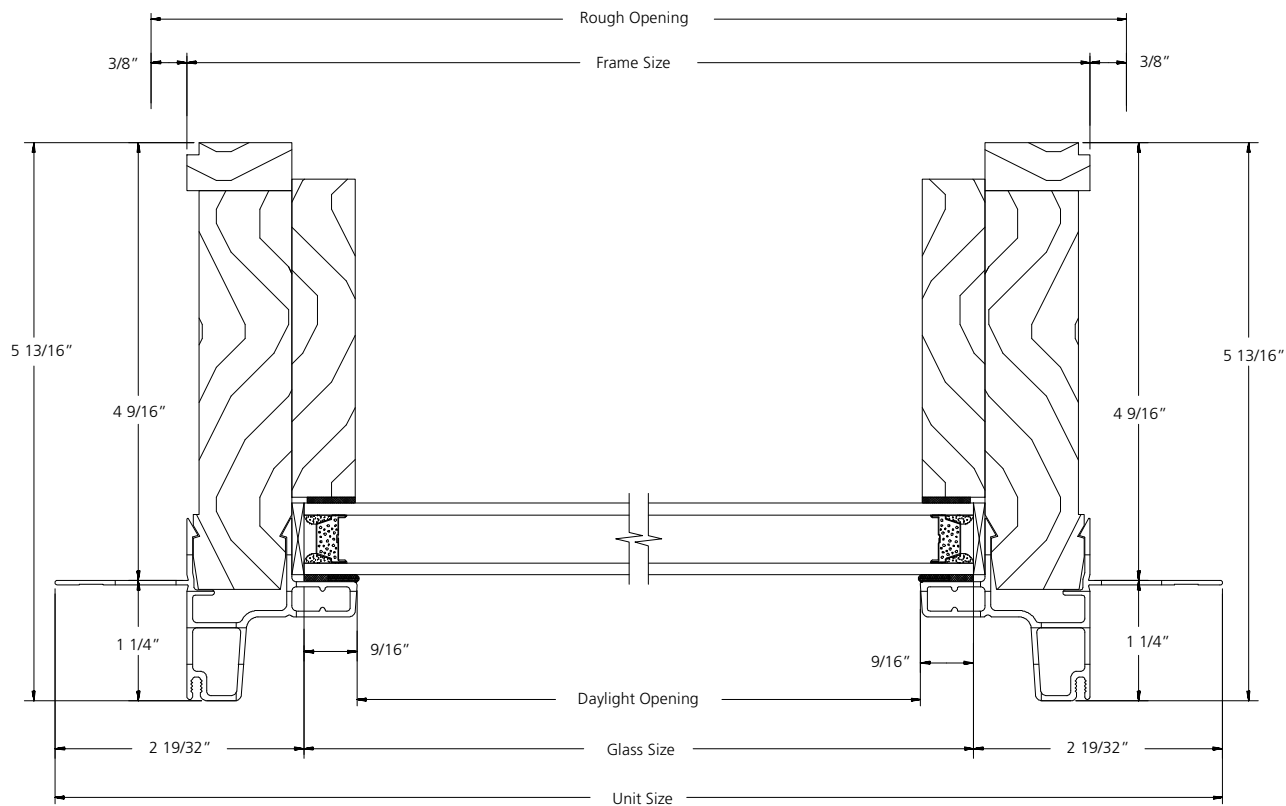
GEOMETRIC DOOR TRANSOM UNIT



VERTICAL SECTION

SCALE: 6" = 1'

GEOMETRIC DOOR TRANSOM UNIT



HORIZONTAL SECTION

SCALE: 6" = 1'