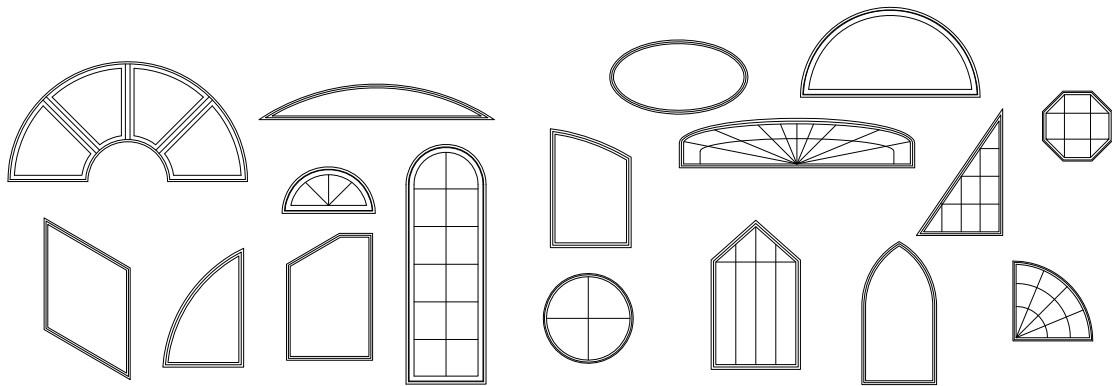

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GENERAL INFORMATION

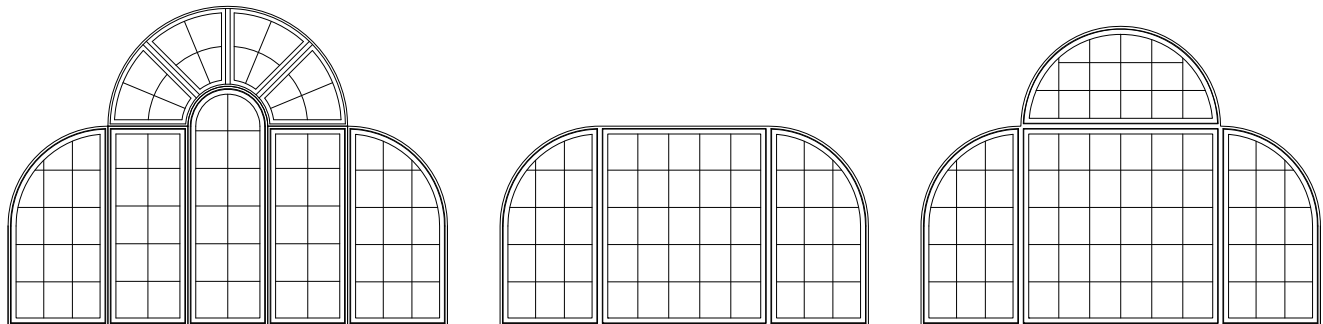
STANDARD SIZES & DESIGNS

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

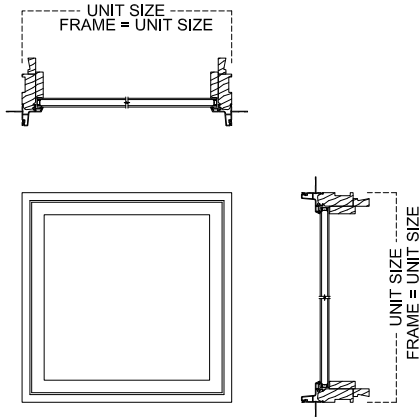
Clad direct set geometric windows may be mullied above, below, or beside other clad geometric windows, or other clad windows.



**UNIT SIZING, ROUGH OPENING &
MASONRY OPENINGS**

STANDARD OFFERING

DRIP CAP & INTEGRAL NAILING FLANGE



GENERAL NOTES:

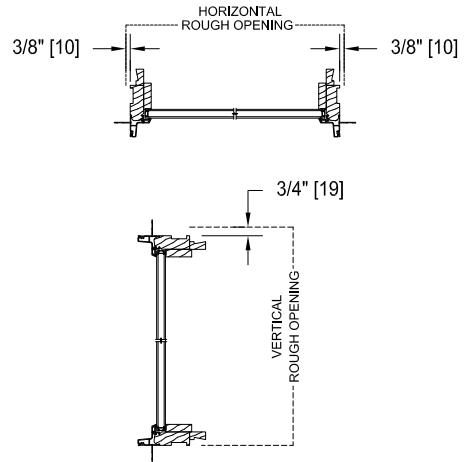
UNIT SIZE IS ALWAYS THE
EXTREME SIZE OF THE WINDOW
WITH OR WITHOUT TRIM AND
DOES NOT INCLUDE NAIL FIN

MASONRY OPENING:

MASONRY OPENING IS ALWAYS 1/2" OVER (HEIGHT AND WIDTH)
THE UNIT SIZE OR THE OUTSIDE EDGE OF THE TRIM
OF THE WINDOW

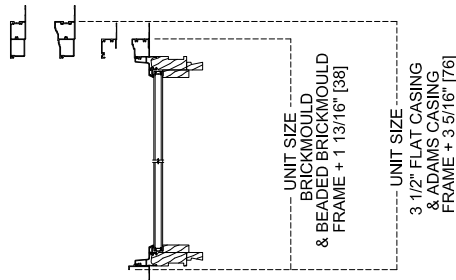
ROUGH OPENING:

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

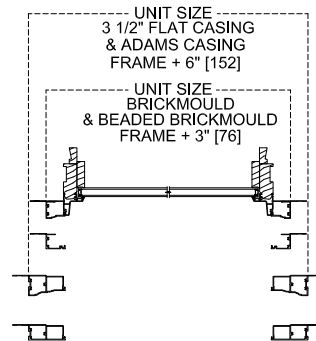
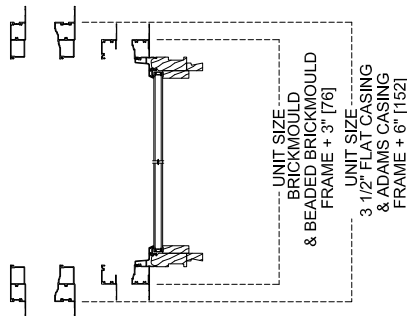


NON-STANDARD UNIT SIZING

EXTERIOR TRIM OFFERINGS WITH STD. SILL NOSE

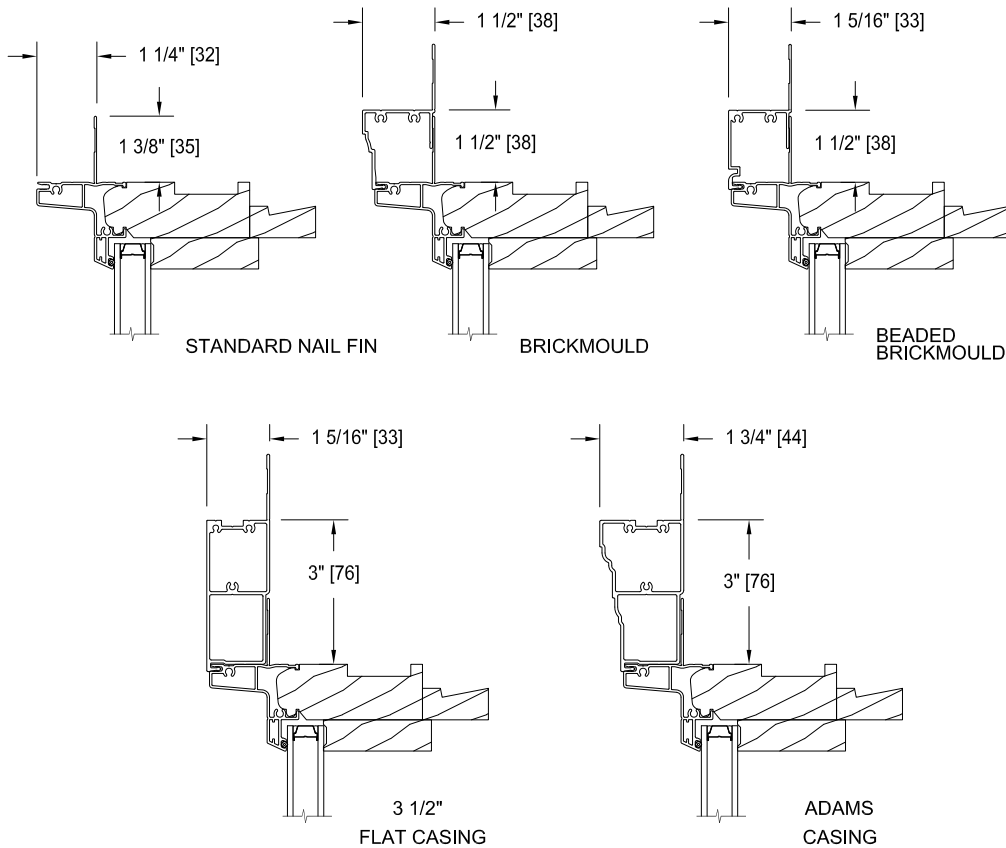


EXTERIOR TRIM OFFERINGS WITHOUT SILL NOSE
EXTERIOR TRIM ON ALL 4 SIDES

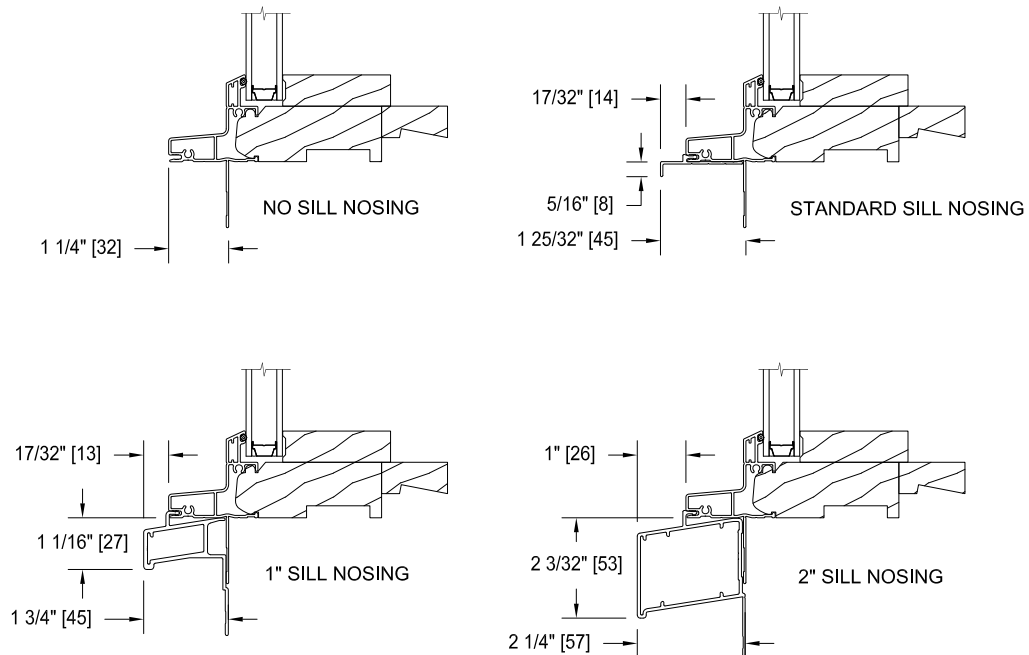


HORIZONTAL SECTION
TRIM OFFERINGS
ABOVE ARE THE SAME
WITH OR WITHOUT SILL NOSE

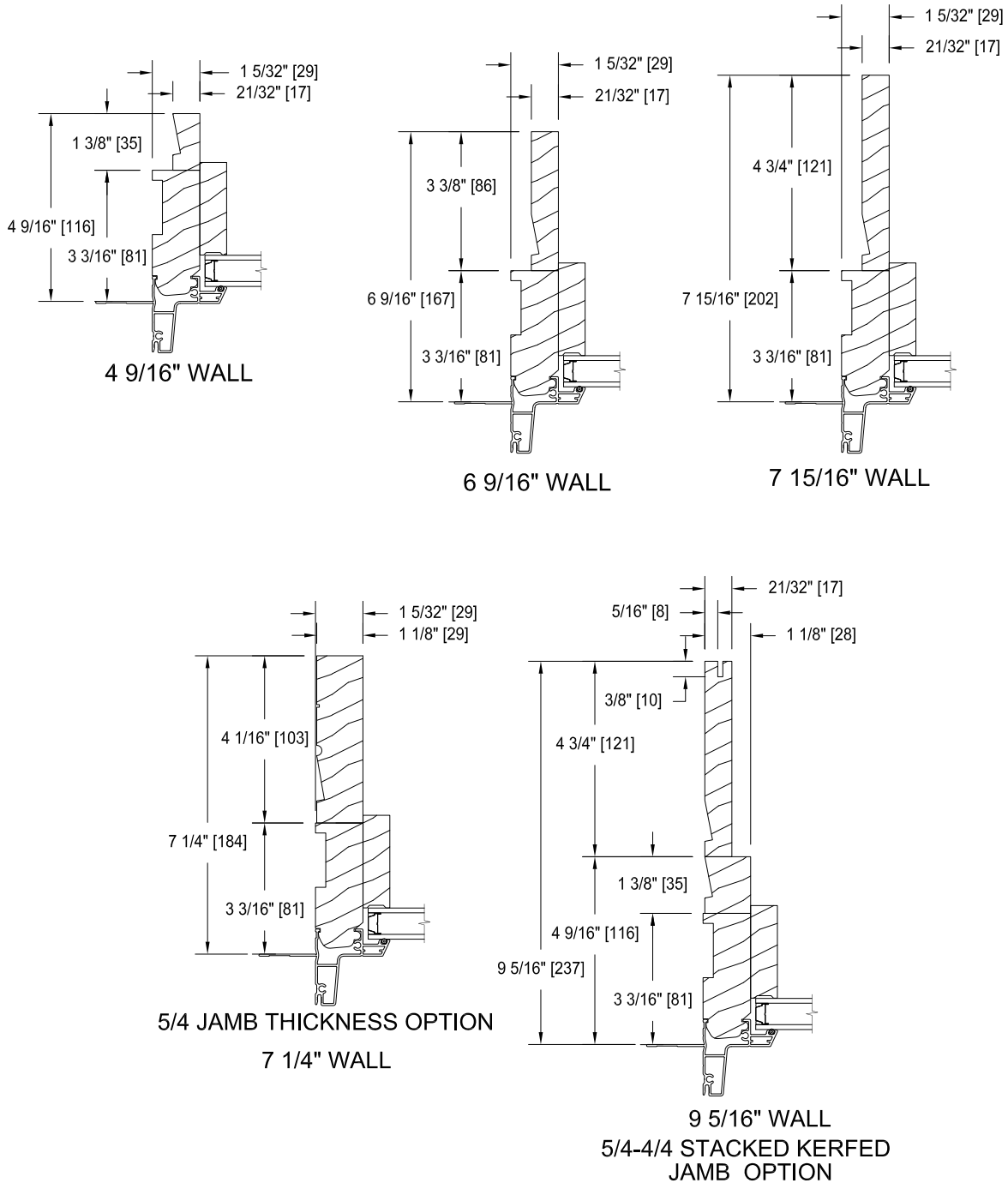
TRIM OPTIONS



SILL NOSE OPTIONS



JAMB EXTENDER OPTIONS



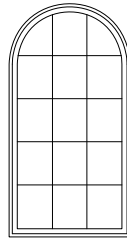
Kerfed Jamb Extension only available on 4/4 or 5/4 options
 Maximum jamb length for 4/4 is 7 15/16".
 Maximum jamb length for 5/4 is 7 1/4".
 Maximum jamb length for 5/4 2 piece stacked is 12".

LITE CUT INFORMATION

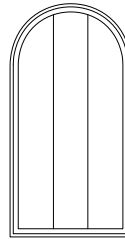
Clad direct set geometric windows are available with removable grilles in 7/8", 1-1/8" and 1-3/8" widths, Airspace (between the panes) grilles, and Simulated Divided Lites. Standard lite cuts are rectangular, and conform to the layouts noted in the charts on the next page. To use the chart, refer to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

LITE CUT OPTIONS

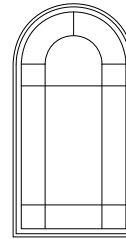
Special lite cut patterns can include a wide variety of straight line and radius patterns. The illustrations shown here represent just a few of the possibilities. Rectangular, horizontal, vertical and Prairie lite patterns are available in all standard size clad direct set geometric windows. Uneven,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



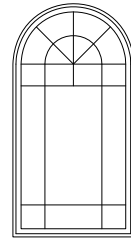
RECTANGULAR



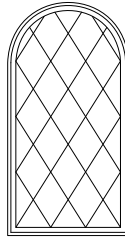
VERTICAL



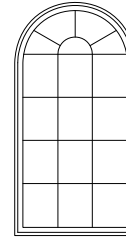
PRAIRIE



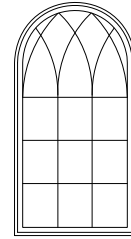
UNEVEN



DIAMOND



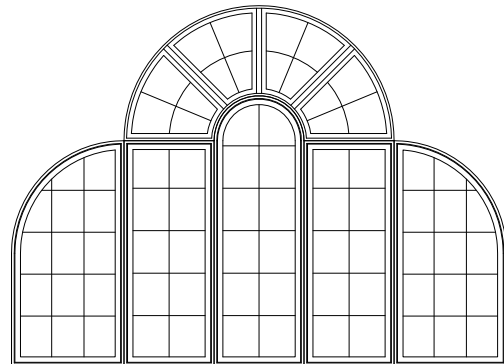
RADIUS



GOthic

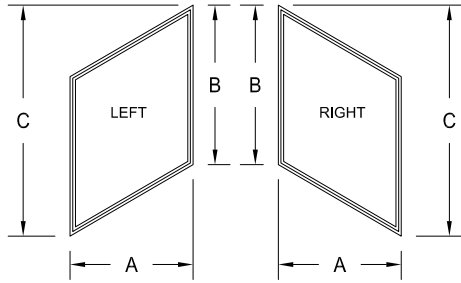
BAR ALIGNMENT

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

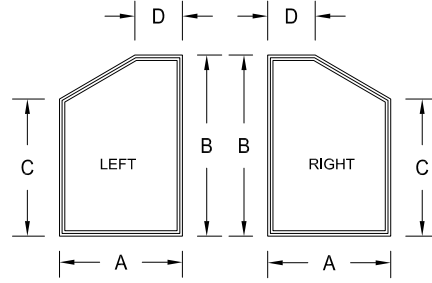


STRAIGHT LINE SHAPES

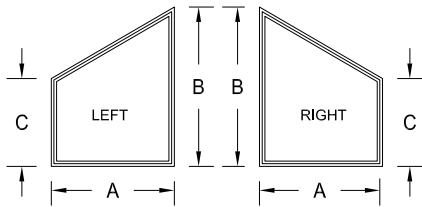
ALL GEOMETRIC WINDOW SHAPES ARE
VIEWED FROM THE EXTERIOR.



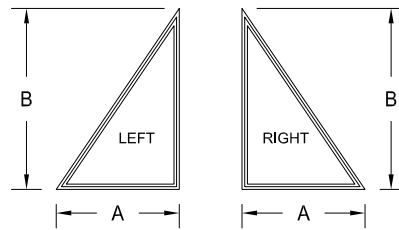
PARALLELOGRAM



PENTOID



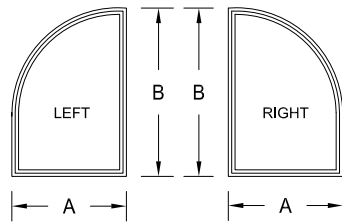
TRAPEZOID



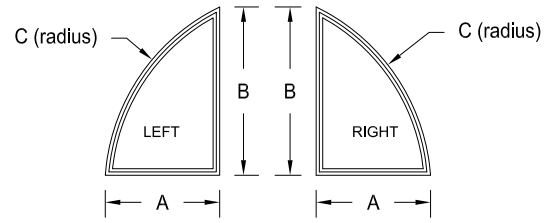
RIGHT TRIANGLE

NOTE: OTHER SHAPES AVAILABLE

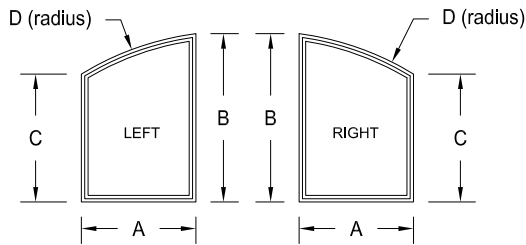
RADIUS SHAPES



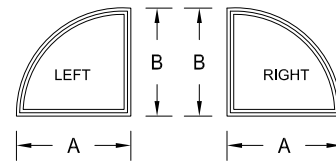
**EXTENDED
HALF ROUND**



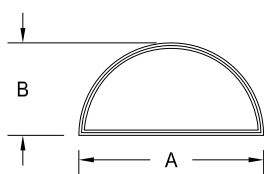
**QUARTER
SEGMENTS**



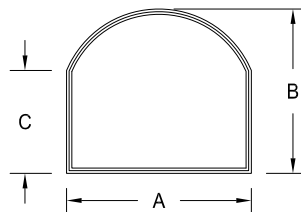
**EXTENDED
QUARTER SEGMENTS**



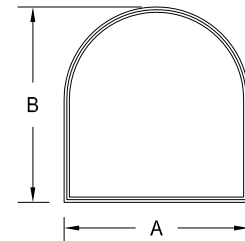
**TYPE D
TYPE E
QUARTER ROUND**



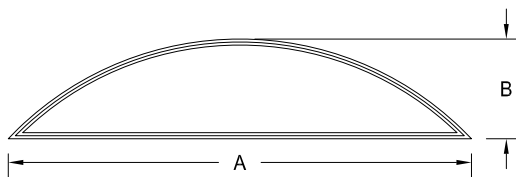
HALF ROUND



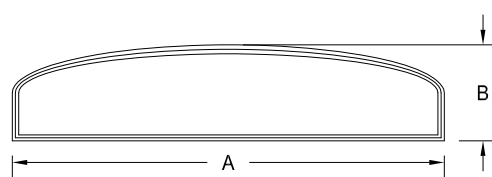
**EXTENDED CIRCLE
SEGMENT**



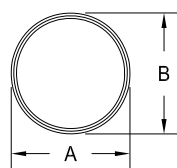
**EXTENDED
HALF ROUND**



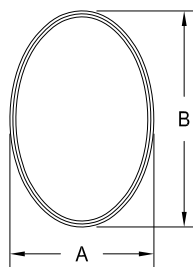
CIRCLE SEGMENT



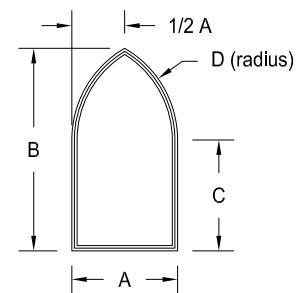
ELLIPSE



FULL ROUND



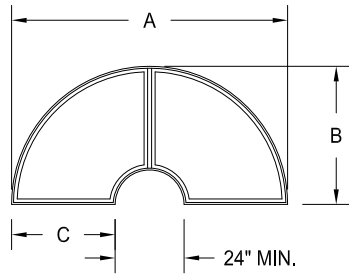
OVAL



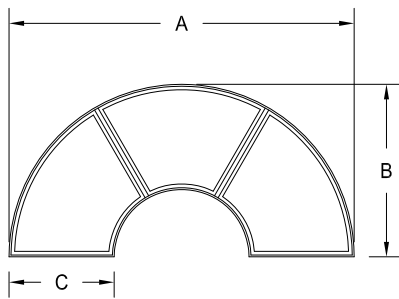
GOTHIC

RADIUS SHAPES CONT.

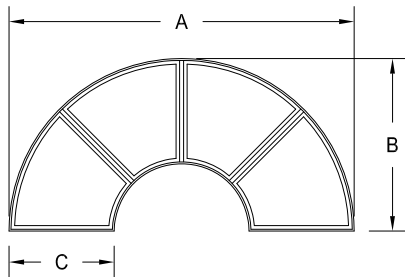
ALL GEOMETRIC WINDOW SHAPES ARE
VIEWED FROM THE EXTERIOR.



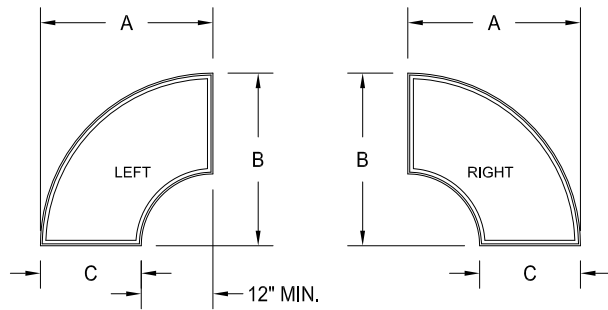
INVERTED HALF ROUND - TWIN



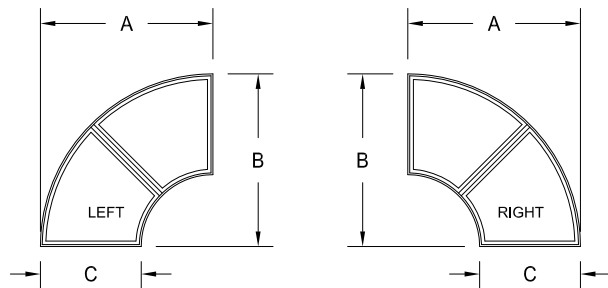
INVERTED HALF ROUND - TRIPLE



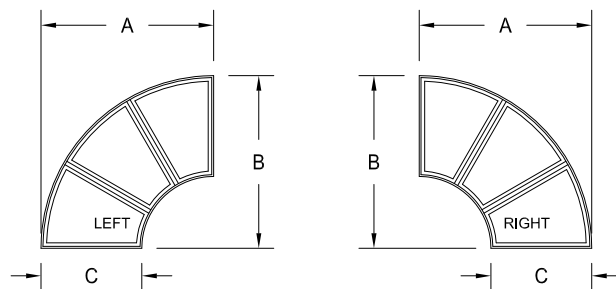
INVERTED HALF ROUND - QUAD



INVERTED QUARTER ROUND



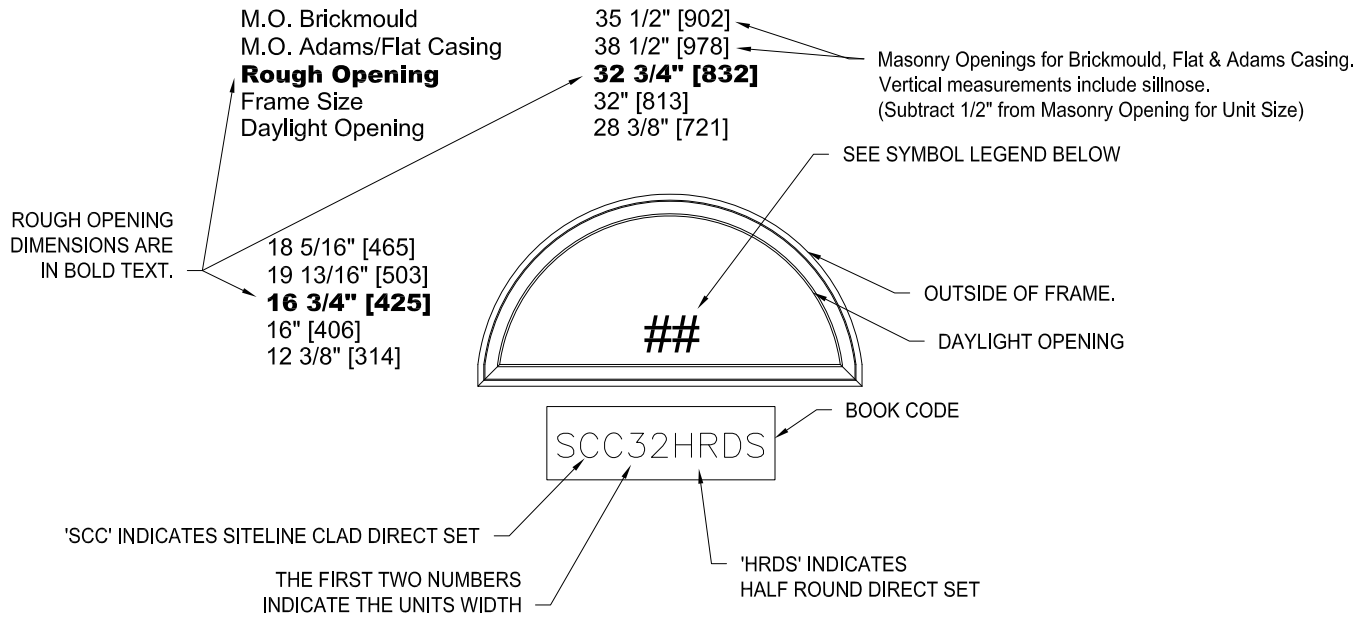
INVERTED QUARTER ROUND - TWIN



INVERTED QUARTER ROUND - TRIPLE

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.



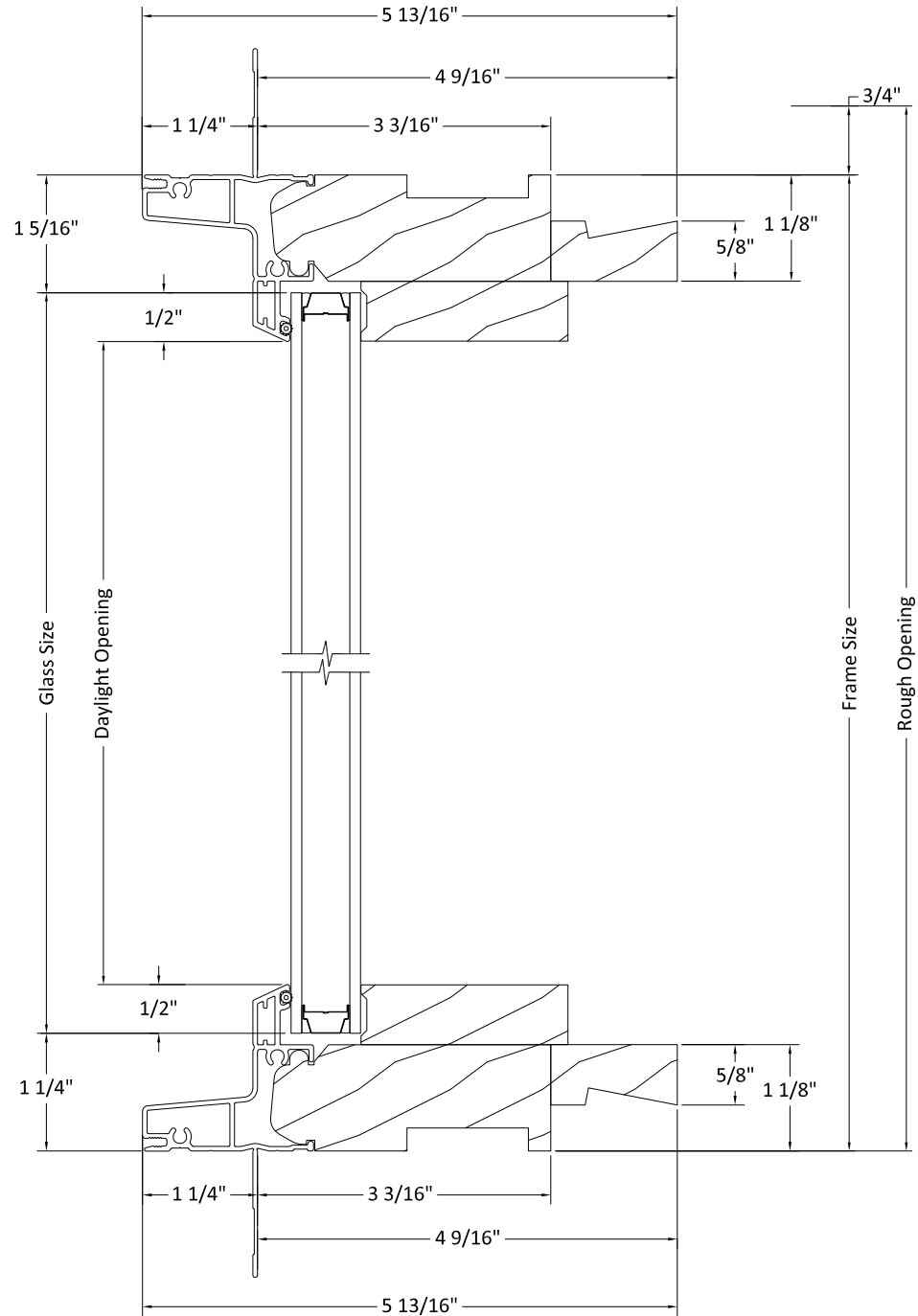
GENERAL NOTES

1. ALL UNITS SHOWN ARE AVAILABLE AS FIXED ONLY.
2. UNITS ARE SHOWN AS ONE LITES. SEE THE STANDARD LITE CUT PAGES FOR INFORMATION ON AVAILABLE LITE CUT CONFIGURATIONS.
3. VALUES IN BRACKETS ARE MILLIMETER CONVERSIONS.

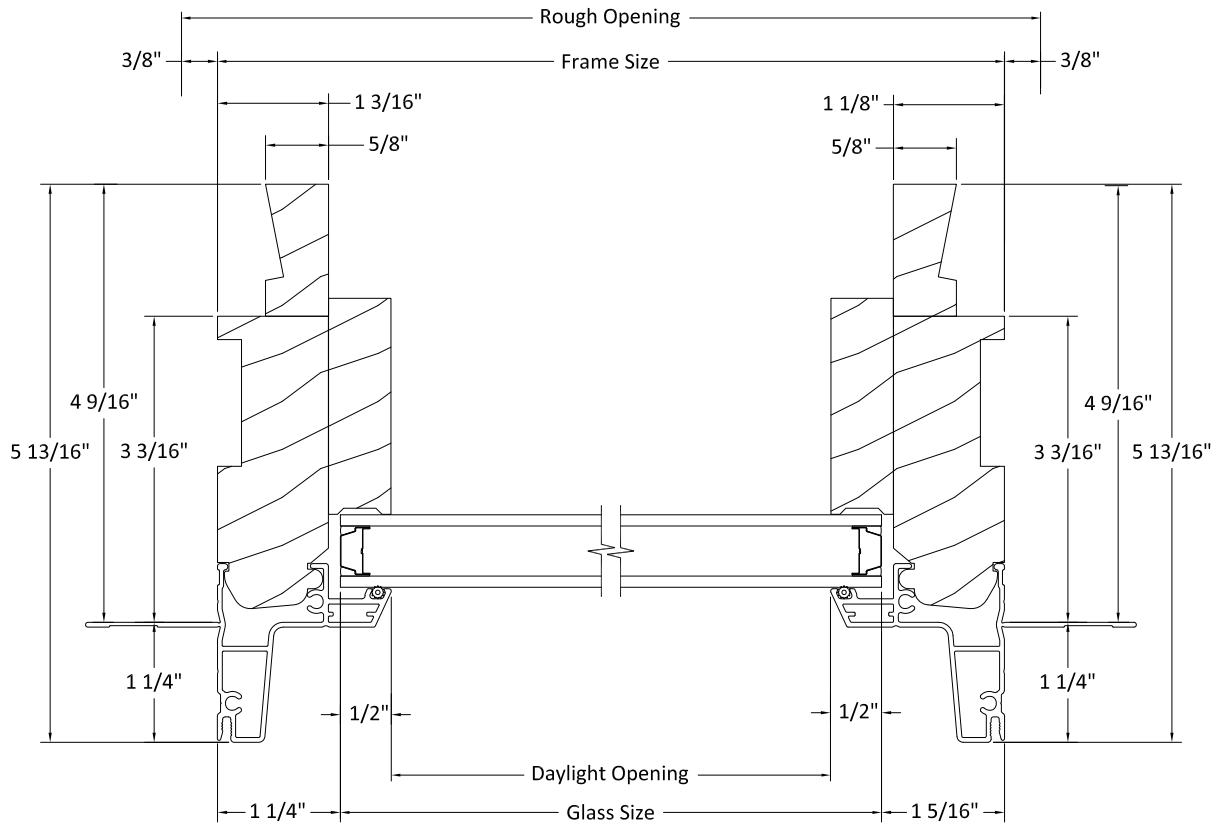
ELEVATION SYMBOL LEGEND:

NUMBER INDICATES PERFORMANCE GRADE (PG) RATING WITH STANDARD GLAZING

VERTICAL SECTION



HORIZONTAL SECTION



VERTICAL SECTION
RADIUS

