

# SPECIALTY WINDOWS



Flexiframe® windows (above) allow you to maximize window area with a variety of stunning shapes and sizes.

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This full collection of stylish, graceful enhancements can be used in a variety of applications. They can make a signature statement — or provide a delicate lighting accent. Best of all, from circles to arches to custom-designed picture windows, you'll get the same uncompromised quality and value you expect from any Andersen® product.

## Features

### FRAME

**A** Wood frame members are treated with a water-repellent wood preservative for long-lasting\* protection and performance. Radii are made of laminated select hardwood, offering improved strength and appearance.

**B** The lineal sections of the jamb and sill on Andersen® Flexiframe®, custom arch, arch and enhancement windows are covered with a low-maintenance, glass fiber reinforced composite. The arched head members, and Springline™ units, are covered with stretch formed aluminum.

**C** The vinyl anchoring flange on Flexiframe®, custom arch, arch, Springline™, and enhancement units extends 1 1/4" (32) around the entire perimeter of the unit. It helps secure the unit to the structure.

**D** Andersen Circle Top™, quarter round, elliptical, circle and oval windows are covered with a rigid vinyl (PVC) pre-formed sheath. Low-maintenance exterior cladding provides long-lasting\* beauty.

**E** Pre-formed rigid vinyl sheath on the Andersen Circle Top™, quarter round, elliptical, circle and oval window frames forms a full perimeter flange for sealing the unit to the structure. It also helps maintain an attractive appearance while minimizing maintenance.

**F** Inside trim stop is made of unfinished pine. Arched trim stops are made with quality, full-length, select hardwood laminations. Units are shipped with the trim stops tacked on, so removal is easy—expediting finishing and joining procedures.

**G** Unfinished interior wood glazing stops help secure the glass in place. Arched glazing stops are made with full-length select hardwood laminations.

### GLASS



**H** High-Performance™ glass options include:

- Low-E4® glass
- Low-E4® SmartSun™ glass
- Low-E4® Sun glass

Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

### PATTERNED GLASS

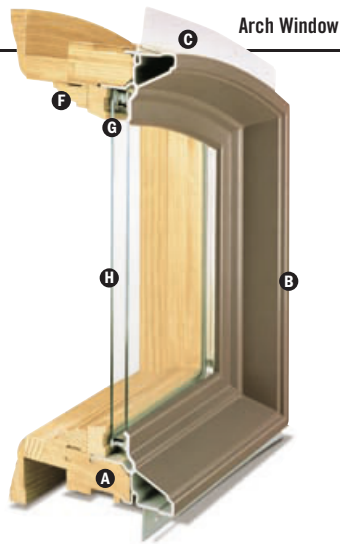
Patterned glass options are available. See page 6 for more details.

**StormWATCH**  
PROTECTION

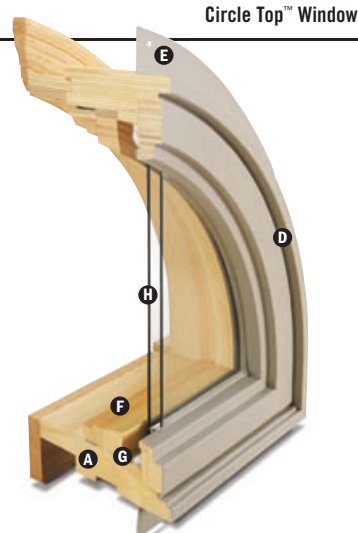


Specialty windows are available with Stormwatch® protection. For a copy of the Andersen® Coastal Product Guide, contact your Andersen supplier.

\* For complete information on our limited warranties, visit [andersenwindows.com](http://andersenwindows.com) or contact your Andersen supplier.



Arch Window



Circle Top™ Window



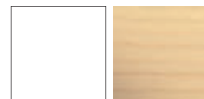
## Exterior

Specify a unit exterior option and an interior option to complete your order.



White Sandtone Terratone® Forest Green

## Interior



white pine

Naturally occurring variations in grain, color and texture make each window one-of-a-kind.



Flexiframe® Window



Springline™ Window



Circle/Oval Window

## Accessories

Sold Separately.

### FRAME

#### Extension Jambs

Specify extension jambs when ordering.

Standard unit jamb depth is 2 7/8" (73), except for elliptical and double-hung Circle Top™ units, which are 4 1/2" (114).

Pine (or continuous laminated select hardwood) extension jambs are available for the following wall thicknesses:

- 4 9/16" (116)
- 5 1/4" (133)
- 6 9/16" (167)
- 7 1/8" (181)

Some sizes may be pine veneer. Springline™ window extension jambs and transition pieces are applied when ordered with the unit (key component block is also applied to units with a 48" (1219) radius).

#### Auxiliary Extension Jambs

Use auxiliary extension jambs for joining arch windows over casement or alongside awning windows. Available for the following wall thicknesses:

- 4 9/16" (116)
- 5 1/4" (133)
- 6 9/16" (167)
- 7 1/8" (181)

#### Interior Arch Casing\*

Available in colonial or ranch styles. Two transition blocks come with each arch casing. Arch window casings come with plinth blocks. The 16' (4877) casing for custom arch comes with two plinth blocks and a key block. For details, see the Andersen Architectural products section of this catalog, pages 157-178. For easy integration and consistency, casing dimensions are consistent with Wood Moulding and Millwork Producers Association specifications.



2 1/4" (57) Colonial style, in oak and select hardwoods. WM366.



2 1/2" (64) Colonial style, in oak and select hardwoods. WM351.



3 1/2" (89) Colonial style, in oak and select hardwoods. WM444.



2 1/4" (57) Ranch style in oak and select hardwoods. WM324.

2 1/2" (64) Ranch style in select hardwoods. WM315.

#### Plinth Blocks

For enhancing casing transitions. Decorated with a radial sunburst, or use the reverse side flush face.



For arch windows: 2 7/8" (73) x 4" (102) size for use with 2 1/4" (57) and 2 1/2" (64) casing, 3 7/8" (98) x 5 1/4" (133) for use with 3 1/2" (89) casing.



For Circle Top™, elliptical, circle and oval windows: 2 7/8" (73) size for use with 2 1/4" (57) and 2 1/2" (64) casing, 3 7/8" (98) size for use with 3 1/2" (89) casing.

### GLASS

#### Andersen® Art Glass

Andersen art glass panels come in eleven original patterns, including four Frank Lloyd Wright® Series designs. See page 123 for details on Andersen art glass or visit [andersenwindows.com/artglass](http://andersenwindows.com/artglass) for pattern information.



#### Key Block

Excellent for creating unique trim designs or accents at arch casing transitions. A key block comes with the 16' (4877) custom arch casing, and is an option for Andersen circle and oval windows.



#### Transition Piece

Two transition pieces come with the interior arch casing extension jambs, providing a beautiful accent for circle and oval windows.

\* Select hardwoods for specialty window interior arch casing include Hard Maple, Red Maple, European Birch, White Poplar and White Aspen. The specific species used will be dependent upon availability.

#### CAUTION:

- Painting and staining may cause damage to rigid vinyl.
- Products in Sandtone or Terratone® color may be painted any color lighter than Terratone using quality oil-base or latex paint. Submit color samples to Andersen for approval when painting White. Submit color samples to Andersen for approval when painting Sandtone or Terratone any color darker than Terratone.
- Do not paint Forest Green exterior.
- Creosote-based stains should not come in contact with Andersen products.
- Do not paint weatherstripping.
- Abrasive cleaners or solutions containing corrosive solvents should not be used on Andersen products.
- For vinyl painting instructions and preparation, contact your Andersen supplier.
- Andersen does not warrant the adhesion of paint to vinyl.

For more information about glass, patterned glass, art glass, grilles and installation accessories, see page 4-14 or visit

 [andersenwindows.com](http://andersenwindows.com)

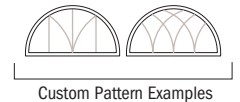
"Frank Lloyd Wright" is a registered trademark of the Frank Lloyd Wright Foundation.

# SPECIALTY WINDOWS

**Table of Basic Sizes—Circle Top™ Window—Casement/Awning Sizes** Scale 1/8" = 1'-0" (1:96)

Unit Dimension	2'-0 1/8"	2'-4 3/8"	2'-7 1/2"	2'-11 15/16"
Minimum Rough Opening	2'-0 5/8"	2'-4 7/8"	2'-8"	3'-0 1/2"
Unobstructed Glass	19 1/2"	23 3/4"	26 7/8"	31 5/16"
	(613) (625) (495)	(721) (733) (603)	(800) (813) (683)	(913) (927) (795)
	<b>CTQC1</b>	<b>CTQCW1</b>	<b>CTQCX1 ‡</b>	<b>CTQA3</b>
Unit Dimension	2'-0 1/8"	2'-4 3/8"	2'-7 1/2"	2'-11 15/16"
Minimum Rough Opening	2'-0 5/8"	2'-4 7/8"	2'-8"	3'-0 1/2"
Unobstructed Glass	19 1/2"	23 3/4"	26 7/8"	31 5/16"
	(613) (625) (495)	(721) (733) (603)	(800) (813) (683)	(913) (927) (795)
	<b>CTC1</b>	<b>CTCW1</b>	<b>CTCX1 ‡</b>	<b>CTCXW1</b>
Unit Dimension	4'-0"	4'-8 1/2"	5'-2 3/4"	5'-11 7/8"
Minimum Rough Opening	4'-0 1/2"	4'-9"	5'-3 1/4"	6'-0 3/8"
Unobstructed Glass	43 3/8"	51 7/8"	58 1/8"	67 1/4"
	(1219) (1232) (1102)	(1435) (1448) (1318)	(1594) (1607) (1476)	(1826) (1838) (1708)
	<b>CTC2</b>	<b>CTCW2</b>	<b>CTCX2 ‡</b>	<b>CTC3</b>

Specified equal light and custom patterns are also available. Not all grille patterns are available in all configurations. See page 5, visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles), or contact your Andersen supplier.



Custom Pattern Examples

**Table of Basic Sizes—Circle Top™ Window—Double-Hung Sizes** Scale 1/8" = 1'-0" (1:96)

Unit Dimension	2'-1 5/8"	2'-5 5/8"	2'-9 5/8"	3'-1 5/8"	3'-5 5/8"
Minimum Rough Opening	2'-2 1/8"	2'-6 1/8"	2'-10 1/8"	3'-2 1/8"	3'-6 1/8"
Unobstructed Glass	20 3/8"	24 3/8"	28 3/8"	32 3/8"	36 3/8"
	(651) (664) (518)	(752) (765) (619)	(854) (867) (721)	(956) (968) (822)	(1057) (1070) (924)
	<b>CTN20</b>	<b>CTN24</b>	<b>CTN28</b>	<b>CTN30</b>	<b>CTN34</b>
	<b>CTN20</b>	<b>CTN24</b>	<b>CTN28</b>	<b>CTN30</b>	<b>CTN34</b>

Unit Dimension	5'-7 5/16"	6'-3 5/16"
Minimum Rough Opening	5'-7 7/8"	6'-3 7/8"
Unobstructed Glass	62 1/16"	70 1/16"
	(1710) (1724) (1576)	(1913) (1927) (1780)
	<b>CTN28-2</b>	<b>CTN30-2</b>
	<b>CTN28-2</b>	<b>CTN30-2</b>

NOTE: Picture window grille alignment may not coincide with Circle Top™ grille pattern when transom joined.

For custom grille alignment options for specialty windows, contact your Andersen supplier visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles).

- **Rough opening dimensions may need to be increased to allow for use of building flashing, sill panning, brackets, fasteners or other items. See page 13 for more details.**
- Andersen art glass panels are available for all sizes on this page.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Dimensions in parentheses are in millimeters.
- When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.
- † Contact your Andersen supplier for availability of Andersen art glass panels for these sizes.

NOTE: Picture window grille alignment may not coincide with Circle Top™ grille pattern when transom joined.



For custom grille alignment options for specialty windows, contact your Andersen supplier or visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles).

- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 13 for more details.
- Andersen art glass panels are available for all sizes on this page.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Dimensions in parentheses are in millimeters.
- When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.
- ‡ Contact your Andersen supplier for availability of Andersen art glass panels for these sizes.

**Table of Basic Sizes—Elliptical Window Sizes** Scale 1/8" = 1'-0" (1:96)

Unit Dimension	5'-11 1/4"	7'-11 1/4"
	(1810)	(2419)
<b>Minimum Rough Opening</b>	6'-0"	8'-0"
	(1829)	(2438)
Unobstructed Glass	66 1/4"	90 1/4"
	(1683)	(2292)

1'-4 3/4"	(425)	1'-5 3/8"	(441)	1'-7 7/8"	(302)
					
1'-9"	(533)	1'-9 5/8"	(549)	16 1/8"	(410)
					

**Standard Grilles and Size Compatibility**



ET6 & FWG



ET6 & FWH



ET6, C, PD & NL



ET8 & FWG



ET8 & FWH



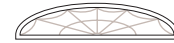
ET8, C, PD & NL

**Renaissance Pattern**

**Renaissance Pattern**

**Sunburst Pattern available in Finelight™ units**

Specified equal light and custom patterns are also available. Not all grille patterns are available in all configurations. See page 5, visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles), or contact your Andersen supplier.

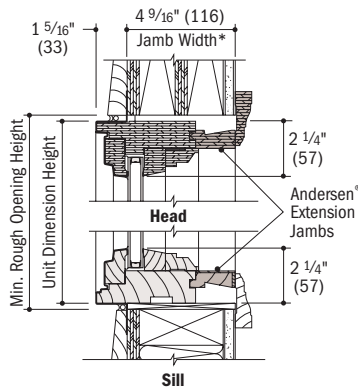


Custom Pattern Example

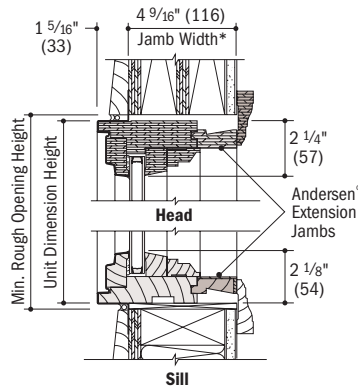
- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 13 for more details.
- Andersen® art glass panels are available for these sizes.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Dimensions in parentheses are in millimeters.
- When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.

**Basic Unit and Rough Opening Details** Scale 1 1/2" = 1'-0" (1:8)

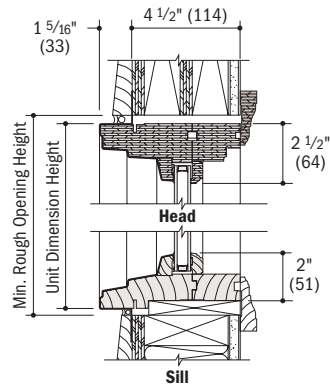
\* 4 9/16" measurement is from the backside of the anchoring flange to edge of extension jamb.



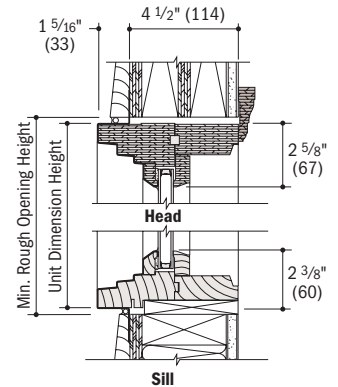
**Vertical Section Circle Top™ (Casement/Awning)**



**Vertical Section Quarter Round (Casement/Awning)**



**Vertical Section Elliptical**



**Vertical Section Circle Top™ (Double-Hung)**

Light-colored areas are Andersen® parts included with the unit. Dark-colored areas are additional Andersen parts required to complete unit assembly as shown and must be specifically ordered. Third-party options may be available for these additional parts.

## Circle Top™ Window Casement/Awning Glass Area

Unit Number	Glass Area	
	Sq. Ft.	(m²)
CTQC1	1.9	(0.177)
CTC1	1.0	(0.093)
CTQCW1	3.0	(0.279)
CTCW1	1.5	(0.139)
CTQA3	5.2	(0.483)
CTCXW1	2.7	(0.251)
CTC2	5.1	(0.474)
CTCW2	7.3	(0.678)
CTC3	12.3	(1.143)
CTQCX1	3.8	(0.353)
CTCX1	2.0	(0.186)
CTCX2	9.3	(0.864)

## Circle Top™ Window Double-Hung Glass Area

Unit Number	Glass Area	
	Sq. Ft.	(m²)
CTN20	1.1	(0.102)
CTN24	1.6	(0.149)
CTN28	2.2	(0.204)
CTN30	2.8	(0.260)
CTN34	3.6	(0.335)
CTN28-2	10.5	(0.975)
CTN30-2	13.4	(1.245)

## Elliptical Window Glass Area

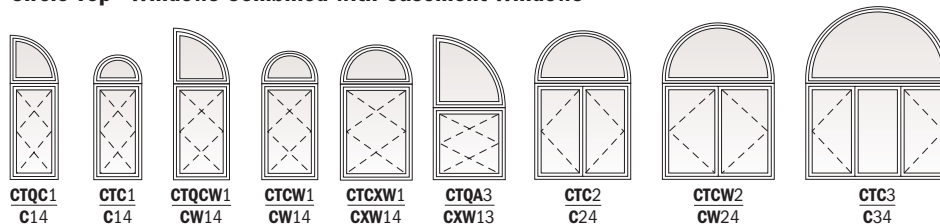
Unit Number	Glass Area	
	Sq. Ft.	(m²)
ET6	4.3	(0.399)
ET8	8.0	(0.743)

# SPECIALTY WINDOWS

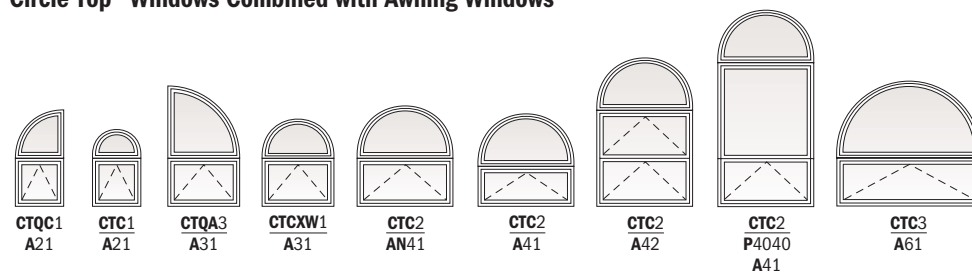
## Elliptical and Circle Top™ Window Combinations

Determining Overall Unit and Rough Opening Dimensions	Casement Awning	Tilt-Wash Double-Hung	Narroline® Double-Hung Window	Perma-Shield® Gliding Patio Door	Frenchwood® Hinged Patio Door	Frenchwood® Gliding Patio Door
Overall Unit Dimension Height: is the sum of the individual unit heights ...	plus $\frac{1}{8}$ "	plus 0"	minus $\frac{5}{16}$ "	plus $\frac{3}{8}$ "	plus $\frac{1}{8}$ "	plus $\frac{3}{8}$ "
Overall Rough Opening Height: is the sum of the individual unit heights ...	plus $\frac{5}{8}$ "	plus $\frac{3}{8}$ "	minus $\frac{5}{16}$ "	plus $\frac{5}{8}$ "	plus $\frac{5}{8}$ "	plus 1"

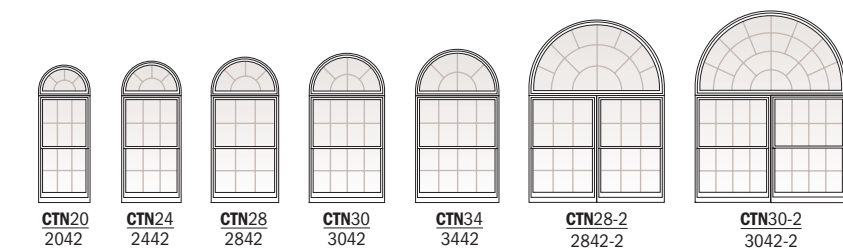
## Circle Top™ Windows Combined with Casement Windows



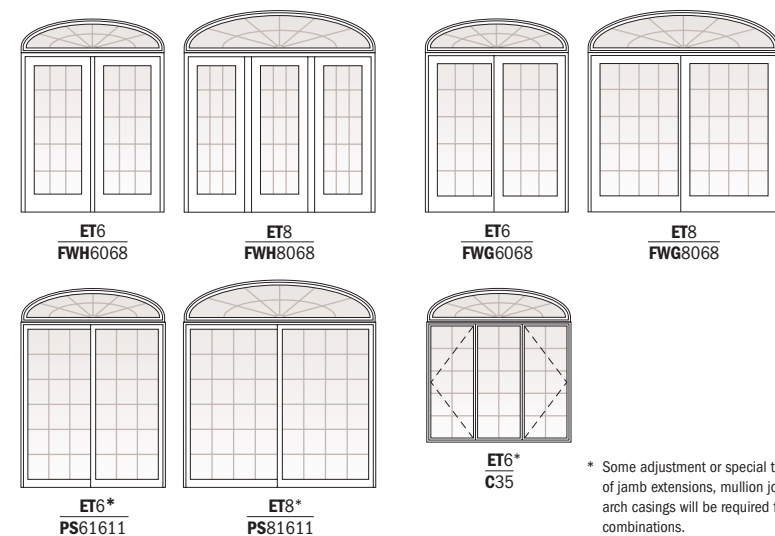
## Circle Top™ Windows Combined with Awning Windows



## Circle Top™ Windows Combined with Double-Hung Windows



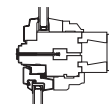
## Elliptical Windows Combined with Andersen® Windows and Doors



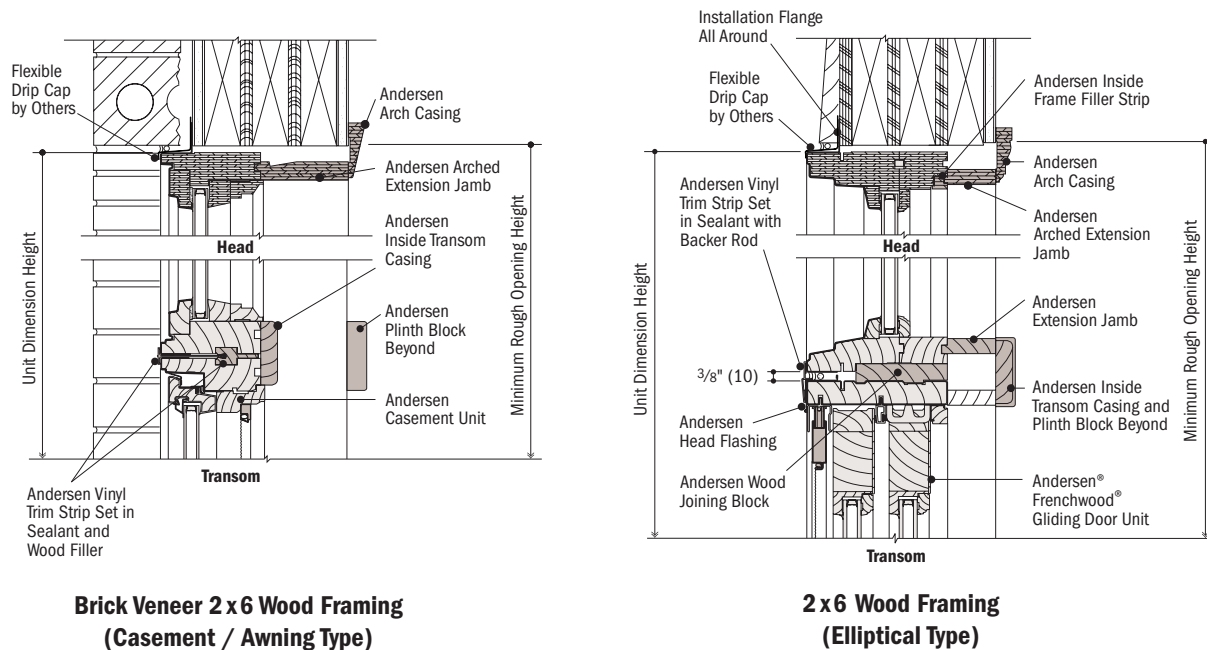
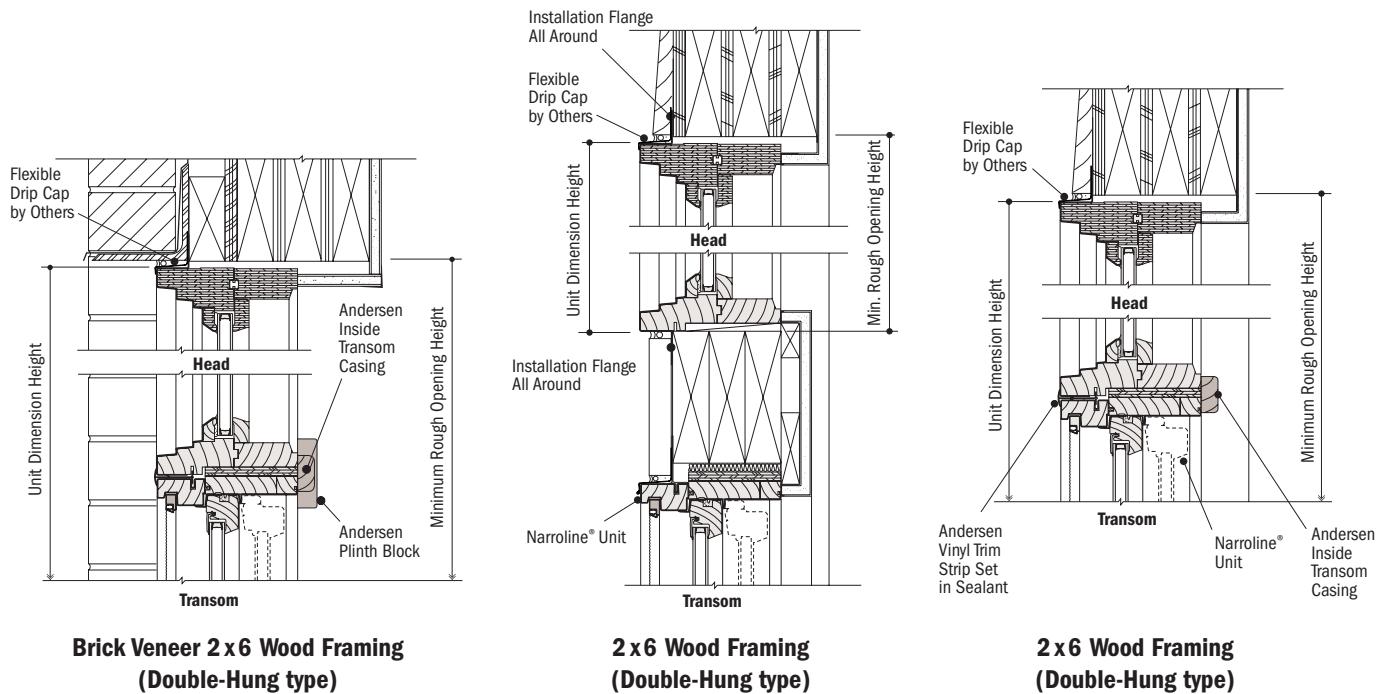
\* Some adjustment or special trimming of jamb extensions, mullion joints and arch casings will be required for these combinations.

### Joining Details

See page 108.



**Elliptical and Circle Top™ Product Applications** Scale 1 1/2" = 1'-0" (1:8)



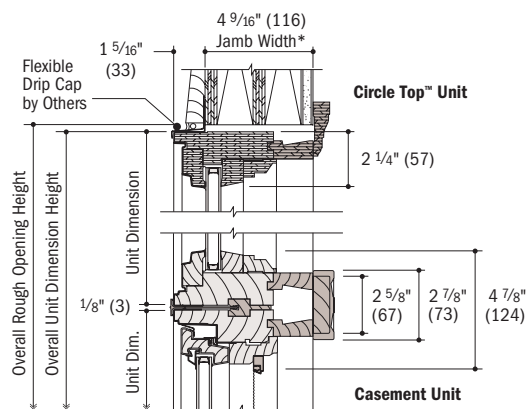
Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 13 for more details.

**CAUTION:** In masonry wall construction, provide a minimum of 1/2" clearance from the top of the brick or masonry to the bottom of any portion of the sill. Failure to do so could result in product damage. Fill the void with closed cell foam backer rod and sealant. Be sure to allow for dimensional change of framework.

Proper installation and maintenance of Andersen® products is essential to attain optimum performance and operation. Written installation instructions which provide guidelines for proper installation are typically provided with Andersen products. They are also available from your local Andersen supplier or by visiting [andersenwindows.com](http://andersenwindows.com). Remember that every installation is different, and Andersen strongly recommends consultation with the local supplier or an experienced contractor, architect or structural engineer prior to the installation of any Andersen product. The method of attachment for Andersen products, fastener selection and code compliance is the responsibility of the architect, building owner, contractor, installer and/or consumer. For complete installation details, refer to "Product Installation Details" at [andersenwindows.com](http://andersenwindows.com) or contact your Andersen supplier.

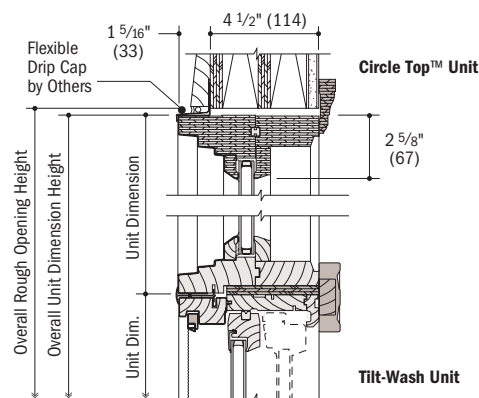
Light-colored areas are Andersen® parts included with the unit. Dark-colored areas are additional Andersen parts required to complete unit assembly as shown and must be specifically ordered.

## Elliptical and Circle Top™ Window Joining Details Scale 1 1/2" = 1'-0" (1:8)



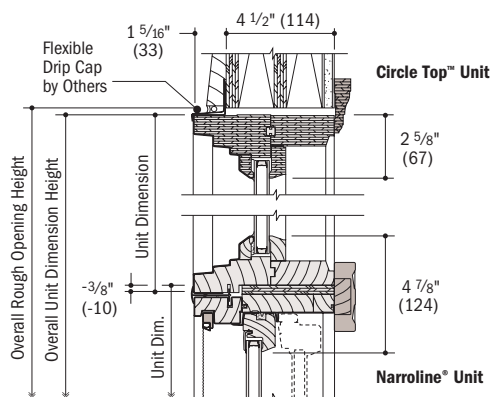
### Vertical Section

For joining basic casement/awning Circle Top™ units to casement (or awning) units



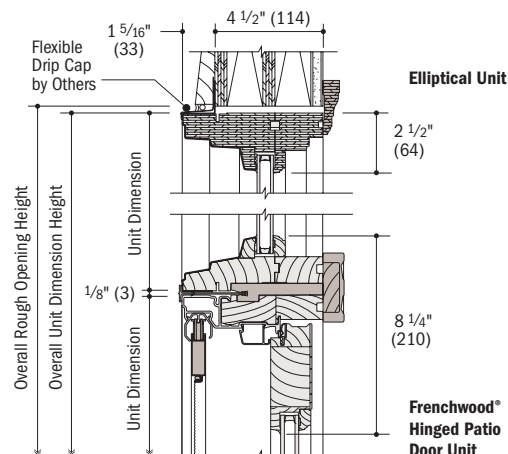
### Vertical Section

For joining basic double-hung Circle Top™ units to tilt-wash units



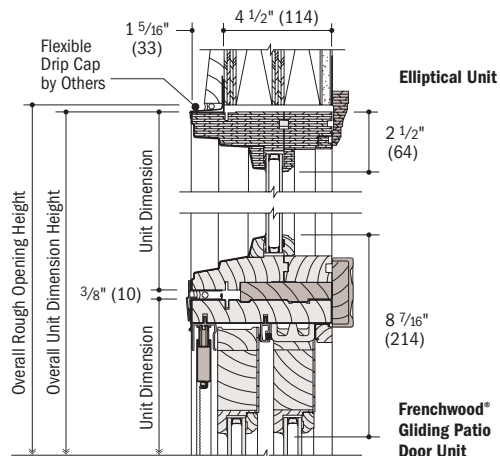
### Vertical Section

For joining basic double-hung Circle Top™ units to Narroline® units



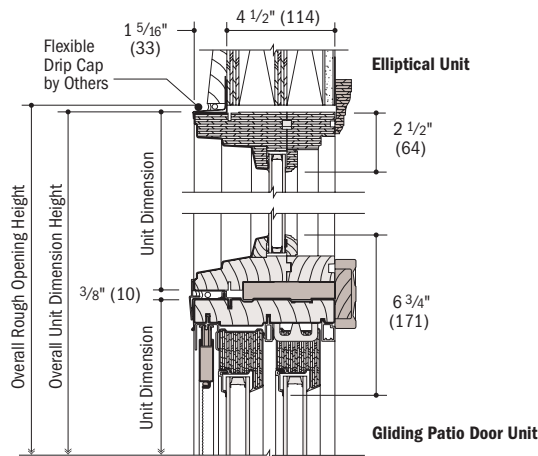
### Vertical Section

For joining basic elliptical units to Frenchwood® hinged patio door units



### Vertical Section

For joining basic elliptical units to Frenchwood® gliding patio door units



### Vertical Section

For joining basic elliptical units to Perma-Shield® gliding patio door units




\* 4 9/16" measurement is from backside of anchoring flange to edge of extension jamb.

Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 13 for more details.

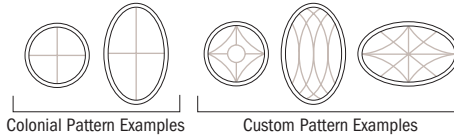
Light-colored areas are Andersen® parts included with the unit. Dark-colored areas are additional Andersen parts required to complete unit assembly as shown and must be specifically ordered.

**Table of Basic Circle and Oval Unit Sizes** Scale 1/8" = 1'-0" (1:96)




**Circle Window with Renaissance Grille Pattern**

Unit Dimension	2'-0 1/8"	2'-4 3/8"	2'-11 15/16"
	(613)	(721)	(913)
<b>Minimum Rough Opening</b>	2'-0 5/8"	2'-4 7/8"	3'-0 1/2"
	(625)	(733)	(927)
Unobstructed Glass	19 3/4"	24"	31 9/16"
	(502)	(610)	(802)
			
	<b>CIR20</b>	<b>CIR24</b>	<b>CIR30</b>

Specified equal light and custom patterns are also available. Not all grille patterns are available in all configurations. See page 5, visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles), or contact your Andersen supplier.



**Oval Window with Renaissance Grille Pattern**

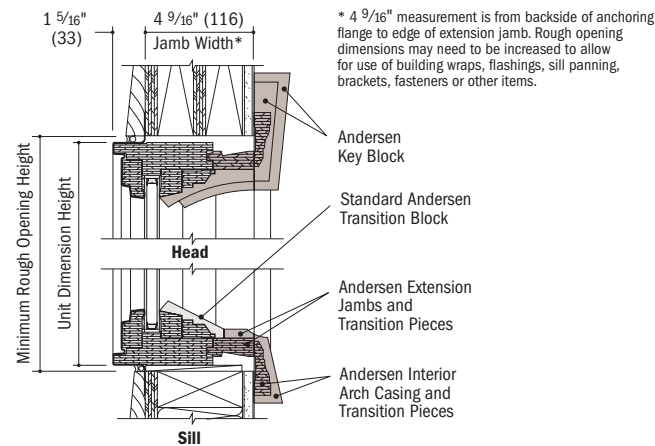
Unit Dimension	1'-7 3/4"	2'-0"	3'-0"
	(502)	(610)	(914)
<b>Minimum Rough Opening</b>	1'-8 1/4"	2'-0 1/2"	3'-0 1/2"
	(514)	(622)	(927)
Unobstructed Glass	15 3/8"	19 3/8"	31 3/8"
	(391)	(492)	(797)
			
	<b>OVL1824</b>	<b>OVL2030</b>	<b>OVL3048</b>

**Horizontal Installation**

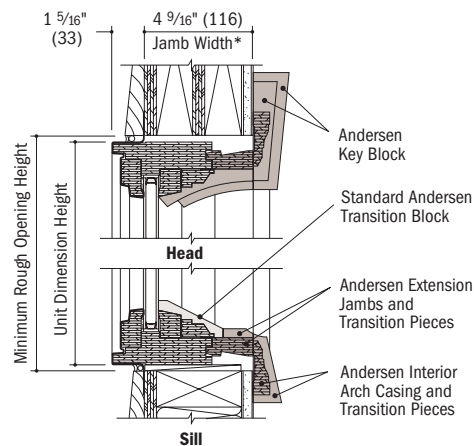
Oval windows can be installed either vertically or horizontally.

- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 13 for more details.
- Andersen® art glass panels are available in Classic Series and Artisan Series designs only for all sizes on this page.

**Basic Unit and Rough Opening Details** Scale 1 1/2" = 1'-0" (1:8)



**Vertical Section - Circle Unit**

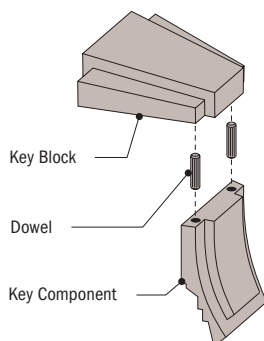


**Vertical Section - Oval Unit**

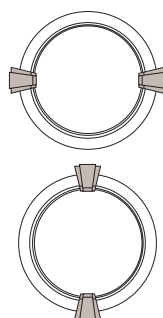
Light-colored areas are Andersen® parts included with the unit. Dark-colored areas are additional Andersen parts required to complete unit assembly as shown and must be specifically ordered.

**Andersen® Key Block Kit**

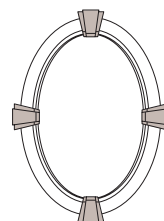
Available in maple or oak. Each kit includes two (2) key blocks and two (2) key components, enough to do both sides or top and bottom.



**Installation Examples**



Typical installation of the Andersen key block kit.



In this example two (2) key block kits are used.

**Circle and Oval Window Glass Area**

Unit Number	Glass Area	
	Sq. Ft.	(m²)
<b>CIR20</b>	2.1	(0.195)
<b>CIR24</b>	3.0	(0.279)
<b>CIR30</b>	5.2	(0.483)
<b>OVL1824</b>	1.9	(0.177)
<b>OVL2030</b>	3.2	(0.297)
<b>OVL3048</b>	8.7	(0.808)

# SPECIALTY WINDOWS

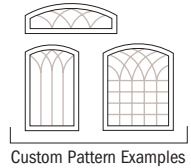
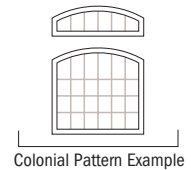
**Table of Basic Sizes—Arch Window with Renaissance, Sunburst and Colonial Grille** Scale 1/8" = 1'-0" (1:96)

Custom Sizes Also Available

		<b>Determining Arch Window Height Dimensions</b> <b>Unit Height:</b> add the shoulder height to the chord height (see below for these dimensions). <b>Rough Opening Height:</b> add 1/2" (13mm) to the unit height, or refer to the Arch Window Rough Opening Height chart. <b>Unobstructed Glass Height:</b> subtract 4 3/4" (121mm) from the unit height.							
<b>CHORD HEIGHT</b>	3 1/4" (83)	4 21/32" (118)	4 13/16" (122)	6 7/16" (164)	7 1/16" (179)	7 13/16" (198)	9 7/16" (240)	12 5/8" (321)	13 13/32" (341)
<b>Radius</b>	2' (610)	2' (610)	3' (914)	4' (1219)	5' (1524)	5' (1524)	6' (1829)	8' (2438)	16' (4877)
<b>Unit Dimension</b>	2'-0 1/8" (613)	2'-4 3/8" (721)	2'-11 15/16" (913)	4'-0" (1219)	4'-8 1/2" (1435)	4'-11 1/4" (1505)	5'-11 1/4" (1810)	7'-11 1/8" (2416)	11'-9" (3581)
<b>Minimum Rough Opg.</b>	2'-0 5/8" (625)	2'-4 7/8" (733)	3'-0 1/2" (927)	4'-0 1/2" (1232)	4'-9" (1448)	4'-11 3/4" (1518)	5'-11 3/4" (1822)	7'-11 5/8" (2429)	11'-9 1/2" (3594)
<b>Unobstructed Glass</b>	19 3/8" (492)	23 5/8" (600)	31 3/16" (792)	43 1/4" (1099)	51 3/4" (1314)	54 1/2" (1384)	66 1/2" (1689)	90 3/8" (2296)	136 1/4" (3461)
<b>SHOULDER HEIGHT</b> See notes above for determining unit and rough opening heights	6" (152)	AFC106*	AFCW106*	AFCP3006*	AFC206*	AFCW206*	AFFW5006*	AFFW6006*	AFFW8006*
	12" (306)	AFC11*	AFCW11*	AFCP301*	AFC21*	AFCW21*	AFFW501*	AFFW601*	AFFW801*
	2'-0 1/8" (613)	AFC12	AFCW12	AFCP302	AFC22	AFCW22	AFFW502	AFFW602	AFFW802
	2'-11 15/16" (913)	AFC13	AFCW13	AFCP303	AFC23	AFCW23	AFFW503	AFFW603	AFFW803
	3'-4 13/16" (1037)	AFC135	AFCW135	AFCP3035	AFC235	AFCW235	AFFW5035	AFFW6035	AFFW8035
	4'-0" (1219)	AFC14	AFCW14	AFCP304	AFC24	AFCW24	AFFW504	AFFW604	AFFW804
	4'-4 13/16" (1341)	AFC145	AFCW145	AFCP3045	AFC245	AFCW245	AFFW5045	AFFW6045	AFFW8045
<div> <div>             Standard grille profile for units above           </div> <div>             Casement/Awning compatible              For other grille profiles see page 5.           </div> <div> </div> </div> <div> <div>             Standard grille profile for units above           </div> <div>             Frenchwood® Patio Door compatible              For other grille profiles see page 5.           </div> <div> </div> </div>									

Colonial grille pattern (shown) is standard for the three sizes above. Sunburst and Renaissance can be ordered as custom grille patterns.

Specified equal light and custom patterns are also available. Not all grille patterns are available in all configurations. See page 5, visit andersenwindows.com/grilles, or contact your Andersen supplier.



NOTE: Grille patterns for units with shoulder heights of 12 inches or less do not include horizontal dividers.  
 AG: Andersen® art glass panels are available for these sizes by special order only. Contact your Andersen® supplier.

- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 13 for more details.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Arch window units are stationary.

- Dimensions in parentheses are in millimeters.
- When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.
- Combinations of window units joined together may require horizontal or vertical reinforcement. This reinforcement should be specified by a professional engineer. Contact your Andersen supplier for more information.
- \* These units are shown with the Sunburst grille pattern. All other sizes (except where noted) are shown with the Renaissance grille pattern.

**Table of Basic Sizes—Arch Window with Renaissance and Colonial Grille** Scale 1/8" = 1'-0" (1:96)

Custom Sizes Also Available

<p><b>CHORD HEIGHT</b> + <b>SHOULDER HEIGHT</b> = <b>ROUGH OPENING HEIGHT</b></p> <p><b>UNOBSTRUCTED GLASS HEIGHT</b></p>		<b>Determining Arch Window Height Dimensions</b> <b>Unit Height:</b> add the shoulder height to the chord height (see below for these dimensions). <b>Rough Opening Height:</b> add 1/2" (13mm) to the unit height, or refer to the Arch Window Rough Opening Height chart. <b>Unobstructed Glass Height:</b> subtract 4 3/4" (121mm) from the unit height.							
<b>CHORD HEIGHT</b>	3 1/4" (83)	4 21/32" (118)	4 13/16" (122)	6 7/16" (164)	7 1/16" (179)	7 13/16" (198)	9 7/16" (240)	12 5/8" (321)	<b>Grille alignment with other Andersen® products.</b> All vertical arch window grille members were designed to be equally spaced. Vertical alignment may not coincide when units are transom joined. All horizontal grille members were designed to line up with corresponding casement sizes. Special order arch window grilles are available to achieve proper alignment.  Sizes on this page are shown with the Renaissance grille pattern.  Renaissance not available with Finelight™ grilles.  Specified equal light and custom patterns are also available. No all grille patterns are available in all configurations. See page 5 <a href="http://visitandersenwindows.com/grilles">visitandersenwindows.com/grilles</a> or contact your Andersen supplier.
Radius	2' (610)	2' (610)	3' (914)	4' (1219)	5' (1524)	5' (1524)	6' (1829)	8' (2438)	
Unit Dimension	2'-0 1/8" (613)	2'-4 3/8" (721)	2'-11 15/16" (913)	4'-0" (1219)	4'-8 1/2" (1435)	4'-11 1/4" (1505)	5'-11 1/4" (1810)	7'-11 1/8" (2416)	
Minimum Rough Opg.	2'-0 5/8" (625)	2'-4 7/8" (733)	3'-0 1/2" (927)	4'-0 1/2" (1232)	4'-9" (1448)	4'-11 3/4" (1518)	5'-11 3/4" (1822)	7'-11 5/8" (2429)	
Unobstructed Glass	19 3/8" (492)	23 5/8" (600)	31 3/16" (792)	43 1/4" (1099)	51 3/4" (1314)	54 1/2" (1384)	66 1/2" (1689)	90 3/8" (2296)	
<b>SHOULDER HEIGHT</b>  See notes above for determining unit and rough opening heights	 <b>AFC15</b> AG	 <b>AFCW15</b> AG	 <b>AFCP305</b> AG	 <b>AFC25</b> AG	 <b>AFCW25</b> AG	 <b>AFFW505</b> AG	 <b>AFFW605</b> AG	 <b>AFFW805</b>	
	 <b>AFC155</b> AG	 <b>AFCW155</b> AG	 <b>AFCP3055</b> AG	 <b>AFC255</b> AG	 <b>AFCW255</b> AG	 <b>AFFW5055</b> AG	 <b>AFFW6055</b>	 <b>AFFW8055*</b>	
	 <b>AFC16</b> AG	 <b>AFCW16</b> AG	 <b>AFCP306</b> AG	 <b>AFC26</b> AG	 <b>AFCW26</b> AG	 <b>AFFW506</b> AG	 <b>AFFW606</b>	 <b>AFFW806*</b>	
	 <b>AFC18</b> AG	 <b>AFCW18</b> AG	 <b>AFCP308</b> AG	 <b>AFC28</b> AG	 <b>AFCW28</b> AG	 <b>AFFW508</b> AG	 <b>AFFW608*</b>		
 <b>Standard grille profile for units above</b>				 <b>Standard grille profile for units above</b>					
<b>Casement/Awning compatible</b> For other grille profiles see page 5.				<b>Frenchwood® Patio Door compatible</b> For other grille profiles see page 5.					

Standard grille profile for units above

Standard grille profile for units above

**Casement/Awning compatible**  
For other grille profiles see page 5.

**Frenchwood® Patio Door compatible**  
For other grille profiles see page 5.

AG: Andersen art glass panels are available for these sizes by special order only. Contact your Andersen® supplier.

\* These units come standard with tempered glazing.

- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 13 for more details.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Arch window units are stationary.

• Dimensions in parentheses are in millimeters.

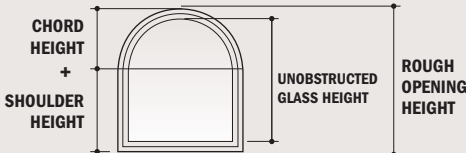









• When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.






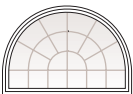
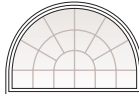
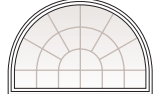





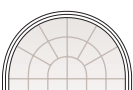
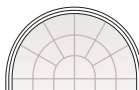
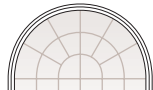









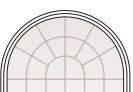
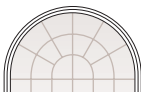
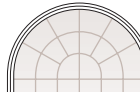





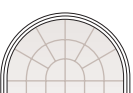
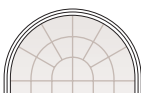
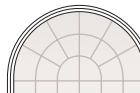

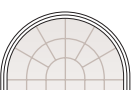
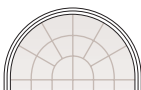
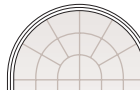
• Combinations of window units joined together may require horizontal or vertical reinforcement. This reinforcement should be specified by a professional engineer. Contact your Andersen supplier for more information.

# SPECIALTY WINDOWS

**Table of Basic Sizes—Springline™ Window with Renaissance and Colonial Grille** Scale 1/8" = 1'-0" (1:96)

Custom Sizes Also Available

		<b>Determining Springline™ Window Height Dimensions</b> <b>Unit Height:</b> add the shoulder height to the chord height (see below for these dimensions). <b>Rough Opening Height:</b> add 1/2" (13mm) to the unit height, or refer to the Springline Window Rough Opening Height chart. <b>Unobstructed Glass Height:</b> subtract 4 3/4" (121mm) from the unit height.						
<b>CHORD HEIGHT</b>	18 3/4" (476)	32 1/4" (819)	34 1/4" (870)	36" (914)	18 3/4" (476)	32 1/4" (819)	34 1/4" (870)	36" (914)
								
Radius	18 3/4" (476)	32 1/4" (819)	34 1/4" (870)	3' (914)	18 3/4" (476)	32 1/4" (819)	34 1/4" (870)	3' (914)
Unit Dimension	3'-1 1/2" (953)	5'-4 1/2" (1638)	5'-8 1/2" (1740)	6'-0" (1829)	3'-1 1/2" (953)	5'-4 1/2" (1638)	5'-8 1/2" (1740)	6'-0" (1829)
Minimum Rough Opg.	3'-2" (965)	5'-5" (1651)	5'-9" (1753)	6'-0 1/2" (1842)	3'-2" (965)	5'-5" (1651)	5'-9" (1753)	6'-0 1/2" (1842)
Unobstructed Glass	32 3/4" (832)	59 3/4" (1518)	63 3/4" (1619)	67 1/4" (1708)	32 3/4" (832)	59 3/4" (1518)	63 3/4" (1619)	67 1/4" (1708)

See notes above for determining unit and rough opening heights	6" (152)				
	12" (305)				
	2'-0 1/8" (613)				
	2'-11 15/16" (913)				
	3'-4 13/16" (1037)				
	4'-0" (1219)				
	4'-4 13/16" (1341)				
	4'-11 7/8" (1521)				
	5'-4 13/16" (1646)				
	5'-11 7/8" (1826)				

Sizes on this page are shown with the Renaissance grille pattern.

Specified equal light and custom patterns are also available. Not all grille patterns

NOTE: Springline™ extension jambs are factory-applied when ordered with the unit.

AG: Andersen art glass panels are available for these sizes by special order only. Interior art glass trim not available. Contact your Andersen® supplier.

\* These units come standard with tempered glazing.

• **Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 13 for more details.**

• "Unit Dimension" always refers to outside frame to frame dimension.

• Combinations of window units joined together may require horizontal or vertical reinforcement. This reinforcement should be specified by a professional engineer. Contact your Andersen supplier for more information.

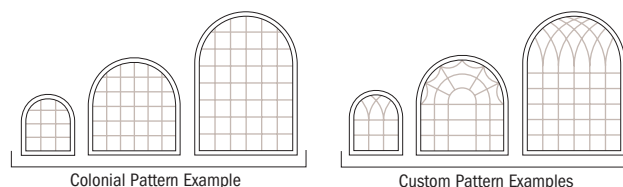
• When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.

• Dimensions in parentheses are in millimeters.

• Springline™ window units are stationary.

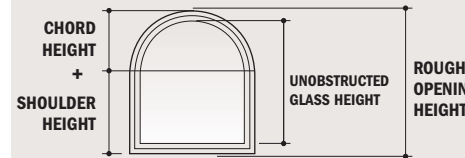
Sizes on this page are shown with the Renaissance grille pattern.

Specified equal light and custom patterns are also available. Not all grille patterns are available in all configurations. See page 5, visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles), or contact your Andersen supplier.



**Table of Basic Sizes—Springline™ Window with Renaissance and Colonial Grille** Scale 1/8" = 1'-0" (1:96)

Custom Sizes Also Available


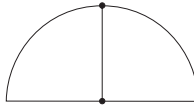

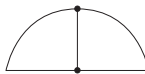
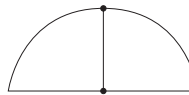


**Determining Springline™ Window Height Dimensions**

**Unit Height:** add the shoulder height to the chord height (see below for these dimensions).

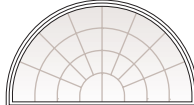
**Rough Opening Height:** add 1/2" (13mm) to the unit height, or refer to the Springline Window Rough Opening Height chart.

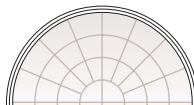
**Unobstructed Glass Height:** subtract 4 3/4" (121mm) from the unit height.

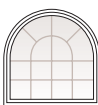
CHORD HEIGHT	24" (610)	48" (1219)	24" (610)	CHORD HEIGHT	30 13/16" (783)	41 9/16" (1056)
						
Radius	2' (610)	4' (1219)	2' (610)	Radius	3' (914)	4' (1219)
Unit Dimension	4'-0" (1219)	8'-0" (2438)	4'-0" (1219)	Unit Dimension	5'-11 1/4" (1810)	7'-11 1/8" (2416)
<b>Minimum Rough Opg.</b>	4'-0 1/2" (1232)	8'-0 1/2" (2451)	4'-0 1/2" (1232)	<b>Minimum Rough Opg.</b>	5'-11 3/4" (1822)	7'-11 5/8" (2429)
Unobstructed Glass	43 1/4" (1099)	91 1/4" (2318)	43 1/4" (1099)	Unobstructed Glass	66 1/2" (1689)	90 3/8" (2296)

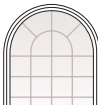
See notes above for determining unit and rough opening heights

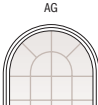
**SHOULDER HEIGHT**

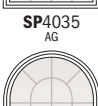
6" (152) →  **SP8006 AG**

12" (305) →  **SP801 AG**


2'-0 1/8" (613) →  **SP402 AG**

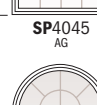
2'-11 15/16" (913) →  **SP403 AG**

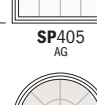
3'-4 13/16" (1037) →  **SP4035 AG**


4'-0" (1219) →  **SP404 AG**

See notes above for determining unit and rough opening heights

4'-4 13/16" (1341) →  **SP4045 AG**


4'-11 7/8" (1521) →  **SP405 AG**


5'-4 13/16" (1646) →  **SP4055 AG**


5'-11 7/8" (1826) →  **SP406 AG**

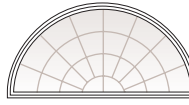
See notes above for determining unit and rough opening heights

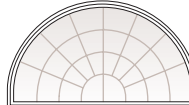
**SHOULDER HEIGHT**

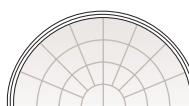
6" (152) →  **ELFW6006 AG**

12" (305) →  **ELFW601 AG**

2'-0 1/8" (613) →  **ELFW602 AG**

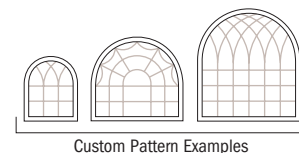
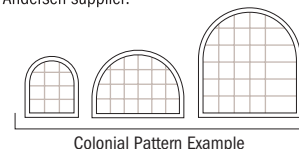
→  **ELFW8006 AG**

→  **ELFW801 AG**

→  **ELFW802 AG**

Sizes on this page are shown with the Renaissance grille pattern.

Specified equal light and custom patterns are also available. Not all grille patterns are available in all configurations. See page 5, visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles), or contact your Andersen supplier.



NOTE: Springline extension jambs are factory-applied when ordered with the unit.

AG: Andersen art glass panels are available for these sizes by special order only. Interior art glass trim not available. Contact your Andersen® supplier.

- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 13 for more details.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Combinations of window units joined together may require horizontal or vertical reinforcement. This reinforcement should be specified by a professional engineer. Contact your Andersen supplier for more information.
- When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.
- Dimensions in parentheses are in millimeters.
- Springline window units are stationary.

Product details,  
see page 118.



# SPECIALTY WINDOWS

**Table of Basic Sizes—Springline™ Flanker (custom arch) Window Sizes** Scale 1/8" = 1'-0" (1:96)

Radius	18 3/4" (476)		24" (610)		32 1/4" (819)		32 1/4" (819)		36" (914)	
Casement Size	CR width		CN width		C width		CW width		CXW width	
Unit Dimension	1'-5" (432)	1'-5" (432)	1'-8 1/2" (521)	1'-8 1/2" (521)	2'-0 1/8" (613)	2'-0 1/8" (613)	2'-4 3/8" (721)	2'-4 3/8" (721)	2'-11 15/16" (913)	2'-11 15/16" (913)
Minimum Rough Opening	1'-5 1/2" (445)	1'-5 1/2" (445)	1'-9" (533)	1'-9" (533)	2'-0 5/8" (625)	2'-0 5/8" (625)	2'-4 7/8" (733)	2'-4 7/8" (733)	3'-0 1/2" (927)	3'-0 1/2" (927)
Unobstructed Glass	12 3/4" (324)	12 3/4" (324)	15 3/4" (400)	15 3/4" (400)	19 3/8" (492)	19 3/8" (492)	23 5/8" (600)	23 5/8" (600)	31 3/16" (792)	31 3/16" (792)

C3 height	2'-11 15/16" (913)	3'-0 1/2" (927)	3'-1 3/16" (927)
C35 height	3'-4 13/16" (1037)	3'-5 3/8" (1051)	3'-8 13/16" (986)
C4 height	4'-0" (1219)	4'-0 1/2" (1232)	4'-1 1/4" (1099)
C5 height	4'-11 7/8" (1521)	5'-0 3/8" (1534)	5'-1 1/8" (1400)
C6 height	5'-11 7/8" (1826)	6'-0 3/8" (1838)	6'-7 1/4" (1708)

Radius	18 3/4" (476)	24" (610)	32 1/4" (819)	32 1/4" (819)	36" (914)
Shoulder Height	17 5/16" (440)	12 1/4" (311)	9 5/8" (244)	8 13/16" (234)	12" (305)

Radius	18 3/4" (476)	24" (610)	32 1/4" (819)	32 1/4" (819)	36" (914)
Shoulder Height	29 3/8" (721)	24 5/16" (618)	16 13/16" (427)	16" (406)	23 7/8" (606)

Radius	18 3/4" (476)	24" (610)	32 1/4" (819)	32 1/4" (819)	36" (914)
Shoulder Height	53 1/4" (1353)	48 3/16" (1224)	40 11/16" (1033)	39 7/8" (1013)	35 7/8" (911)

Product details, see page 118.



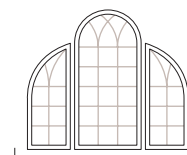
NOTE: To order these custom arch - Springline™ flanker units, contact your Andersen® supplier.

- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 13 for more details.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Dimensions in parentheses are in millimeters.
- Springline™ flanker window units are stationary.
- Combinations of window units joined together may require horizontal or vertical reinforcement. This reinforcement should be specified by a professional engineer. Contact your Andersen supplier for more information.
- When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.

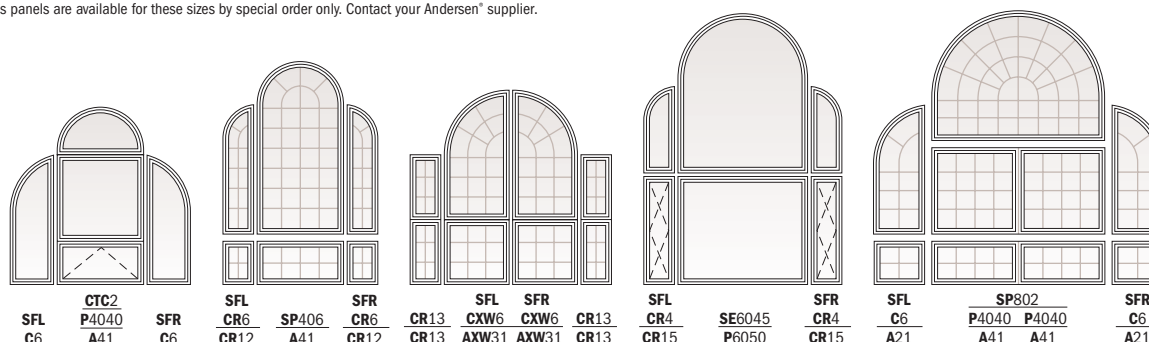
AG: Andersen art glass panels are available for these sizes by special order only. Contact your Andersen® supplier.

Renaissance grille pattern shown in all units on this page.

Specified equal light and custom patterns are also available. Not all grille patterns are available in all configurations. See page 5, visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles), or contact your Andersen supplier.



Custom Pattern Examples

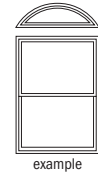


Examples of Combinations Using Springline Flankers (Custom Arch)

**Table of Basic Sizes—Enhancement Windows** Scale  $\frac{1}{8}" = 1'-0"$  (1:96)

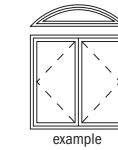
## Full Chord

Radius	18 $\frac{3}{4}"$ (476)	24" (610)	24" (610)	32 $\frac{1}{4}"$ (819)
Unit Dimension	2'-9 $\frac{5}{8}"$ (854)	3'-1 $\frac{5}{8}"$ (956)	3'-5 $\frac{5}{8}"$ (1057)	3'-9 $\frac{5}{8}"$ (1159)
<b>Minimum Rough Opening</b>	2'-10 $\frac{1}{8}"$ (867)	3'-2 $\frac{1}{8}"$ (968)	3'-6 $\frac{1}{8}"$ (1070)	3'-10 $\frac{1}{8}"$ (1172)
Unobstructed Glass	24 $\frac{7}{8}"$ (632)	26 $\frac{1}{8}"$ (664)	32 $\frac{7}{16}"$ (824)	32 $\frac{5}{16}"$ (821)
	<b>FCD28</b> AG	<b>FCD30</b> AG	<b>FCD34</b> AG	<b>FCD38</b> AG



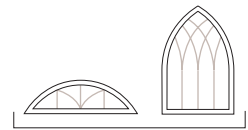
example  
← **Double-Hung Sizes Colonial Pattern**

Radius	18 $\frac{3}{4}"$ (476)	32 $\frac{1}{4}"$ (819)	36" (914)
Unit Dimension	2'-11 $\frac{15}{16}"$ (913)	4'-0" (1219)	4'-8 $\frac{1}{2}"$ (1435)
<b>Minimum Rough Opening</b>	3'-0 $\frac{1}{2}"$ (927)	4'-0 $\frac{1}{2}"$ (1232)	4'-9" (1448)
Unobstructed Glass	28 $\frac{15}{16}"$ (735)	35 $\frac{7}{8}"$ (911)	47 $\frac{7}{8}"$ (1216)
	<b>FCCXW3</b> AG	<b>FCC2</b> AG	<b>FCCW2</b> AG

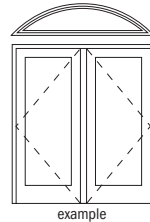


example  
← **Casement sizes Colonial Pattern**

Specified equal light and custom patterns are also available. Not all grille patterns are available in all configurations. See page 5, visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles), or contact your Andersen supplier.



Radius	36" (914)	48" (1219)
Unit Dimension	4'-11 $\frac{1}{4}"$ (1504)	5'-11 $\frac{1}{4}"$ (1810)
<b>Minimum Rough Opening</b>	4'-11 $\frac{3}{4}"$ (1518)	5'-11 $\frac{3}{4}"$ (1822)
Unobstructed Glass	49 $\frac{7}{16}"$ (1256)	59 $\frac{11}{16}"$ (1516)
	<b>FCFW50</b> AG	<b>FCFW60</b> AG



example  
← **Frenchwood® Door sizes Colonial Pattern**

- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 13 for more details.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Dimensions in parentheses are in millimeters.
- Enhancement window units are stationary.
- Combinations of window units joined together may require horizontal or vertical reinforcement. This reinforcement should be specified by a professional engineer. Contact your Andersen supplier for more information.
- When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.
- Contact your Andersen supplier for Gothic grille pattern availability.

AG: Andersen art glass panels are available for these sizes by special order only. Interior art glass trim not available. Contact your Andersen® supplier.

## Gothic

Unit Dimension	2'-0 $\frac{1}{8}"$ (613)	2'-4 $\frac{3}{8}"$ (721)	2'-11 $\frac{15}{16}"$ (913)	4'-0" (1219)
<b>Minimum Rough Opening</b>	2'-0 $\frac{5}{8}"$ (625)	2'-4 $\frac{7}{8}"$ (733)	3'-0 $\frac{1}{2}"$ (927)	4'-0 $\frac{1}{2}"$ (1232)
Unobstructed Glass	19 $\frac{7}{16}"$ (494)	23 $\frac{11}{16}"$ (602)	31 $\frac{1}{4}"$ (794)	43 $\frac{5}{16}"$ (1100)
	<b>GT2036</b> AG	<b>GT2440</b> AG	<b>GT3046</b> AG	<b>GT4056</b> AG
Radius	32 $\frac{1}{4}"$ (819)	32 $\frac{1}{4}"$ (819)	36" (914)	48" (1219)
Shoulder Height	16 $\frac{27}{32}"$ (428)	21 $\frac{9}{32}"$ (541)	22 $\frac{27}{32}"$ (580)	24 $\frac{7}{16}"$ (621)

## Monumental Quarter Round/Full Round

Unit Dimension	4'-0" (1219)	4'-0" (1219)	6'-0" (1829)
<b>Minimum Rough Opening</b>	4'-0 $\frac{1}{2}"$ (1232)	4'-0 $\frac{1}{2}"$ (1232)	6'-0 $\frac{1}{2}"$ (1842)
Unobstructed Glass	43 $\frac{1}{4}"$ (1099)	43 $\frac{5}{16}"$ (1100)	67 $\frac{5}{16}"$ (1710)
	<b>QR40</b> AG	<b>FR40</b> AG	<b>FR60</b> AG
			<b>Renaissance Pattern</b>

## Standard Octagon

Unit Dimension	2'-0" (610)	2'-4" (711)	3'-0" (914)
<b>Minimum Rough Opening</b>	2'-0 $\frac{1}{2}"$ (622)	2'-4 $\frac{1}{2}"$ (724)	3'-0 $\frac{1}{2}"$ (927)
Unobstructed Glass	19 $\frac{5}{16}"$ (491)	23 $\frac{5}{16}"$ (592)	31 $\frac{5}{16}"$ (795)
	<b>OC20</b> AG	<b>OC24</b> AG	<b>OC30</b> AG
			<b>Colonial Pattern</b>

# SPECIALTY WINDOWS

## Arch Window Rough Opening Height & Glass Area

Unit Number	Rough Opening Height		Glass Area	
	Ft. / In.	(m <sup>2</sup> )	Sq. Ft.	(m <sup>2</sup> )
AFC106	9 3/4"	(248)	0.7	(0.065)
AFC11	1'-3 3/4"	(400)	1.6	(0.149)
AFC12	2'-3 7/8"	(708)	3.4	(0.316)
AFC13	3'-3 3/4"	(1,010)	5.1	(0.474)
AFC135	3'-8 5/8"	(1,134)	5.8	(0.539)
AFC14	4'-3 3/4"	(1,315)	6.8	(0.632)
AFC145	4'-8 5/8"	(1,438)	7.5	(0.697)
AFC15	5'-3 5/8"	(1,616)	8.5	(0.790)
AFC155	5'-8 5/8"	(1,743)	9.2	(0.855)
AFC16	6'-3 7/8"	(1,921)	10.3	(0.957)
AFC18	8'-3 7/8"	(2,537)	13.8	(1.282)
AFCW106	11 1/4"	(286)	1.1	(0.102)
AFCW11	1'-5 1/4"	(438)	2.1	(0.195)
AFCW12	2'-5 3/8"	(746)	4.2	(0.390)
AFCW13	3'-5 1/8"	(1,045)	6.3	(0.585)
AFCW135	3'-10"	(1,168)	7.1	(0.660)
AFCW14	4'-5 1/4"	(1,353)	8.4	(0.780)
AFCW145	4'-10"	(1,473)	9.2	(0.855)
AFCW15	5'-5 1/8"	(1,654)	10.4	(0.966)
AFCW155	5'-10"	(1,778)	11.3	(1.050)
AFCW16	6'-5 1/8"	(1,959)	12.5	(1.161)
AFCW18	8'-5 3/8"	(2,537)	16.8	(1.561)
AFCP3006	11 3/8"	(289)	1.4	(0.130)
AFCP301	1'-5 3/8"	(441)	2.8	(0.260)
AFCP302	2'-5 1/2"	(749)	5.5	(0.511)
AFCP303	3'-5 1/4"	(1,048)	8.2	(0.762)
AFCP3035	3'-10 1/8"	(1,172)	9.3	(0.864)
AFCP304	4'-5 3/8"	(1,356)	10.9	(1.013)
AFCP3045	4'-10 1/8"	(1,476)	12.0	(1.115)
AFCP305	5'-5 1/4"	(1,657)	13.6	(1.263)
AFCP3055	5'-10 1/8"	(1,781)	14.7	(1.366)
AFCP306	6'-5 1/4"	(1,962)	16.3	(1.514)
AFCP308	8'-5 1/2"	(2,578)	21.8	(2.025)
AFC206	1'-1"	(330)	2.2	(0.204)
AFC21	1'-7"	(483)	4.1	(0.381)
AFC22	2'-7 1/8"	(791)	7.8	(0.725)
AFC23	3'-6 7/8"	(1,089)	11.5	(1.068)
AFC235	3'-11 3/4"	(1,213)	13.0	(1.208)
AFC24	4'-7"	(1,397)	15.2	(1.412)
AFC245	4'-11 3/4"	(1,518)	16.7	(1.551)
AFC25	5'-6 7/8"	(1,699)	18.9	(1.756)
AFC255	5'-11 3/4"	(1,823)	20.4	(1.895)
AFC26	6'-6 7/8"	(2,003)	22.6	(2.100)
AFC28	8'-7 1/8"	(2,619)	30.2	(2.806)
AFCW206	1'-1 5/8"	(346)	2.8	(0.260)
AFCW21	1'-7 5/8"	(499)	5.1	(0.474)
AFCW22	2'-7 3/4"	(807)	9.5	(0.883)
AFCW23	3'-7 1/2"	(1,105)	13.9	(1.291)
AFCW235	4'-0 3/8"	(1,229)	15.7	(1.459)
AFCW24	4'-7 5/8"	(1,413)	18.3	(1.700)
AFCW245	5'-0 3/8"	(1,534)	20.1	(1.867)
AFCW25	5'-7 1/2"	(1,715)	22.7	(2.109)
AFCW255	6'-0 3/8"	(1,838)	24.6	(2.285)
AFCW26	6'-7 1/2"	(2,019)	27.2	(2.527)
AFCW28	8'-7 3/4"	(2,635)	36.1	(3.354)

## Arch Window Rough Opening Height & Glass Area

Unit Number	Rough Opening Height		Glass Area	
	Ft. / In.	(m <sup>2</sup> )	Sq. Ft.	(m <sup>2</sup> )
AFFW5006	1'-2 3/8"	(365)	3.2	(0.297)
AFFW501	1'-8 3/8"	(518)	5.5	(0.511)
AFFW502	2'-8 1/2"	(826)	10.3	(0.957)
AFFW503	3'-8 1/4"	(1,124)	14.8	(1.375)
AFFW5035	4'-1 1/8"	(1,248)	16.7	(1.551)
AFFW504	4'-8 3/8"	(1,432)	19.5	(1.812)
AFFW5045	5'-1 1/8"	(1,553)	21.4	(1.988)
AFFW505	5'-8 1/4"	(1,734)	24.1	(2.239)
AFFW5055	6'-1 1/8"	(1,857)	26.1	(2.425)
AFFW506	6'-8 1/4"	(2,038)	28.8	(2.676)
AFFW508	8'-8 1/2"	(2,654)	38.2	(3.549)
AFFW6006	1'-4"	(406)	4.4	(0.409)
AFFW601	1'-10"	(559)	7.2	(0.669)
AFFW602	2'-10 1/8"	(867)	12.9	(1.198)
AFFW603	3'-9 7/8"	(1,165)	18.5	(1.719)
AFFW6035	4'-2 3/4"	(1,289)	20.8	(1.932)
AFFW604	4'-10"	(1,473)	24.2	(2.248)
AFFW6045	5'-2 3/4"	(1,594)	26.5	(2.462)
AFFW605	5'-9 7/8"	(1,775)	29.8	(2.769)
AFFW6055	6'-2 3/4"	(1,899)	32.1	(2.982)
AFFW606	6'-9 7/8"	(2,080)	35.5	(3.298)
AFFW608	8'-10 1/8"	(2,696)	46.9	(4.357)
AFFW8006	1'-7 1/8"	(486)	7.3	(0.678)
AFFW801	2'-1 1/8"	(638)	11.1	(1.031)
AFFW802	3'-1 1/4"	(946)	18.8	(1.747)
AFFW803	4'-1 1/8"	(1,248)	26.4	(2.453)
AFFW8035	4'-6"	(1,372)	29.5	(2.741)
AFFW804	5'-1 1/8"	(1,553)	34.1	(3.168)
AFFW8045	5'-6"	(1,676)	37.1	(3.447)
AFFW805	6'-1"	(1,854)	41.6	(3.865)
AFFW8055	6'-6"	(1,981)	44.8	(4.162)
AFFW806	7'-1"	(2,159)	49.3	(4.580)
AFFW12006	1'-8 1/8"	(511)	9.9	(0.920)
AFFW1201	2'-2 1/8"	(664)	15.6	(1.449)
AFFW1202	3'-2 1/4"	(972)	27.1	(2.518)

## Enhancement Window Glass Area

Unit Number	Glass Area	
	Sq. Ft.	(m <sup>2</sup> )
FCD28	0.688	(0.064)
FCD30	0.540	(0.050)
FCD34	1.145	(0.106)
FCD38	0.837	(0.078)
FCCXW3	1.241	(0.115)
FCC2	1.017	(0.094)
FCCW2	2.781	(0.258)
FCFW50	2.571	(0.239)
FCFW60	3.154	(0.293)

GT2036	4.008	(0.372)
GT2440	5.841	(0.543)
GT3046	8.783	(0.816)
GT4056	14.877	(1.382)

QR40	9.905	(0.920)
FR40	10.217	(0.949)
FR60	24.690	(2.294)

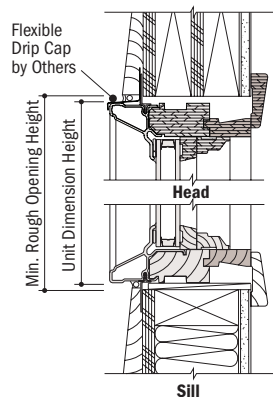
OC20	2.138	(0.199)
OC24	3.118	(0.290)
OC30	5.629	(0.523)

## Springline™ Window Rough Opening Height & Glass Area

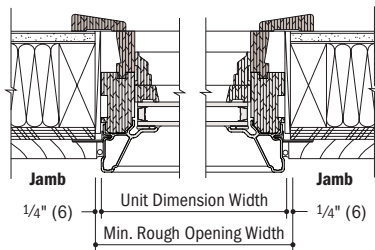
Unit Number	Rough Opening Height		Glass Area	
	Ft. / In.	(m <sup>2</sup> )	Sq. Ft.	(m <sup>2</sup> )
SE3106	2'-1 1/4"	(641)	3.74	(0.347)
SE311	2'-7 1/4"	(794)	5.10	(0.474)
SE312	3'-7 3/8"	(1,102)	7.86	(0.730)
SE313	4'-7 1/4"	(1,403)	10.54	(0.979)
SE3135	5'-0 1/8"	(1,527)	11.65	(1.082)
SE314	5'-7 1/4"	(1,708)	13.28	(1.234)
SE3145	6'-0 1/8"	(1,832)	14.38	(1.336)
SE315	6'-7 1/8"	(2,010)	15.98	(1.485)
SE3155	7'-0 1/8"	(2,137)	17.10	(1.589)
SE316	7'-7 1/8"	(2,315)	18.71	(1.738)
SE5406	3'-2 3/4"	(984)	11.22	(1.042)
SE541	3'-8 3/4"	(1,137)	13.71	(1.274)
SE542	4'-8 7/8"	(1,445)	18.74	(1.741)
SE543	5'-8 3/4"	(1,746)	23.64	(2.196)
SE5435	6'-1 5/8"	(1,870)	25.66	(2.384)
SE544	6'-8 3/4"	(2,051)	28.64	(2.661)
SE5445	7'-1 5/8"	(2,175)	30.64	(2.847)
SE545	7'-8 5/8"	(2,353)	33.57	(3.119)
SE5455	8'-1 5/8"	(2,480)	35.61	(3.308)
SE546	8'-8 5/8"	(2,658)	38.54	(3.580)
SE5806	3'-4 3/4"	(1,035)	12.67	(1.177)
SE581	3'-10 3/4"	(1,188)	15.33	(1.424)
SE582	4'-10 1/8"	(1,495)	20.69	(1.922)
SE583	5'-10 3/4"	(1,797)	25.92	(2.408)
SE5835	6'-3 1/8"	(1,921)	28.08	(2.609)
SE584	6'-10 3/4"	(2,102)	31.26	(2.904)
SE5845	7'-3 5/8"	(2,226)	33.39	(3.102)
SE585	7'-10 5/8"	(2,404)	36.51	(3.392)
SE5855	8'-3 5/8"	(2,531)	38.70	(3.595)
SE586	8'-10 5/8"	(2,708)	41.82	(3.885)
SE6006	3'-6 1/2"	(1,080)	14.01	(1.302)
SE601	4'-0 1/2"	(1,232)	16.81	(1.562)
SE602	5'-0 5/8"	(1,540)	22.47	(2.088)
SE603	6'-0 1/2"	(1,842)	27.98	(2.599)
SE6035	6'-5 3/8"	(1,965)	30.26	(2.811)
SE604	7'-0 1/2"	(2,146)	33.61	(3.122)
SE6045	7'-5 3/8"	(2,270)	35.86	(3.332)
SE605	8'-0 3/8"	(2,448)	39.16	(3.638)
SE6055	8'-5 3/8"	(2,575)	41.46	(3.852)
SE606	9'-0 3/8"	(2,753)	44.76	(4.158)
SP402	4'-0 5/8"	(1,235)	11.62	(1.080)
SP403	5'-0 1/2"	(1,537)	15.16	(1.408)
SP4035	5'-5 3/8"	(1,661)	16.63	(1.545)
SP404	6'-0 1/2"	(1,842)	18.78	(1.745)
SP4045	6'-5 3/8"	(1,965)	20.23	(1.879)
SP405	7'-0 3/8"	(2,143)	22.35	(2.076)
SP4055	7'-5 3/8"	(2,270)	23.83	(2.214)
SP406	8'-0 3/8"	(2,448)	25.95	(2.411)
SP8006	4'-6 1/2"	(1,384)	24.98	(2.321)
SP801	5'-0 1/2"	(1,537)	24.98	(2.321)
SP802	6'-0 5/8"	(1,845)	36.46	(3.387)
ELFW6006	3'-1 3/8"	(949)	11.58	(1.076)
ELFW601	3'-7 3/8"	(1,102)	14.35	(1.333)
ELFW602	4'-7 1/2"	(1,410)	19.95	(1.853)
ELFW8006	4'-0 1/8"	(1,222)	20.88	(1.940)
ELFW801	4'-6 1/8"	(1,375)	24.64	(2.289)
ELFW802	5'-6 1/4"	(1,683)	32.25	(2.996)

**Enhancement Window Basic Unit and Rough Opening Details** Scale 1 1/2" = 1'-0" (1:8)

**Full Chord (Eyebrow)**

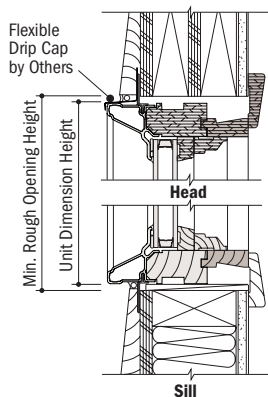


**Vertical Section**

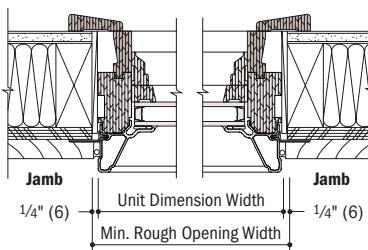


**Horizontal Section**

**Gothic**

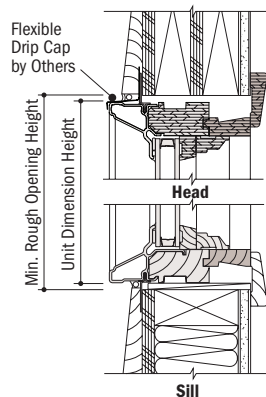


**Vertical Section**

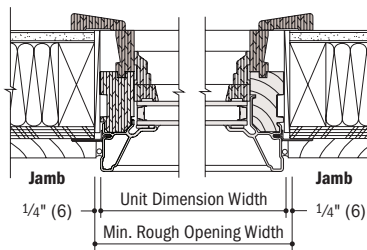


**Horizontal Section**

**Monumental Quarter Round**

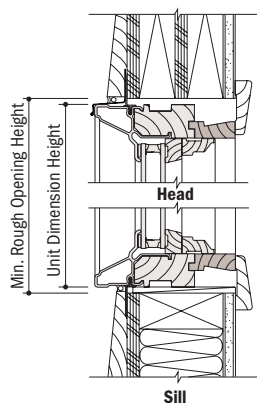


**Vertical Section**

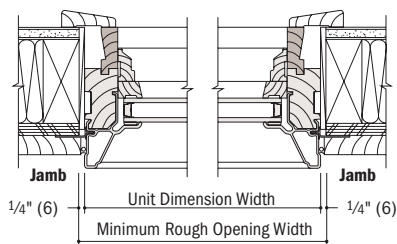


**Horizontal Section**

**Standard Octagon**

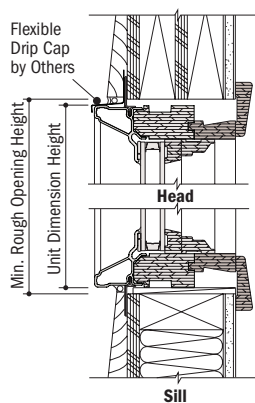


**Vertical Section**

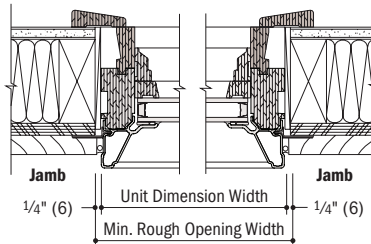


**Horizontal Section**

**Full Round**



**Vertical Section**



**Horizontal Section**

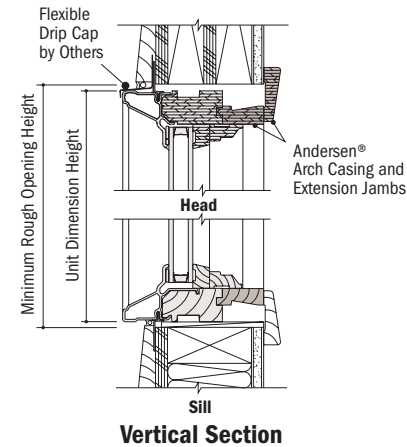
Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 13 for more details.

Light-colored areas are Andersen® parts included with the unit. Dark-colored areas are additional Andersen parts required to complete unit assembly as shown and must be specifically ordered.

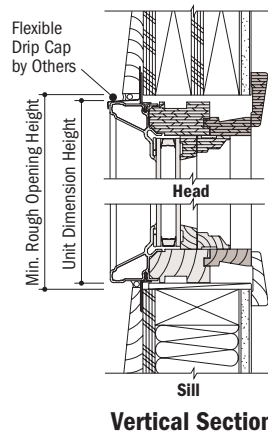
# SPECIALTY WINDOWS

## Arch and Springline™ Basic Unit and Rough Opening Details Scale 1 1/2" = 1'-0" (1:8)

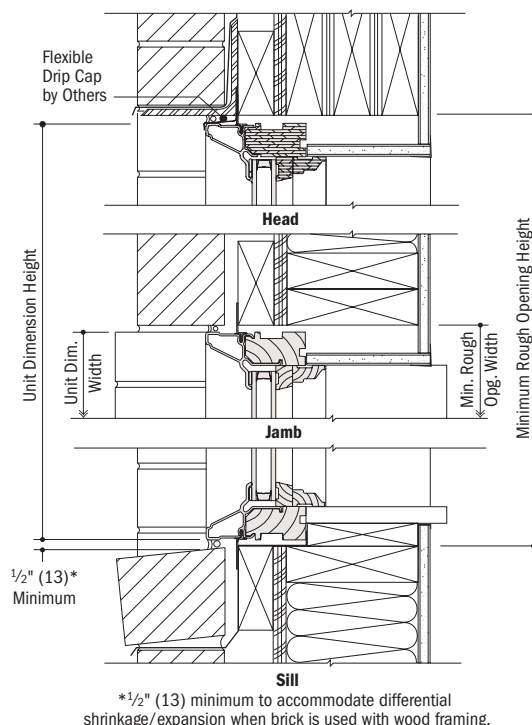
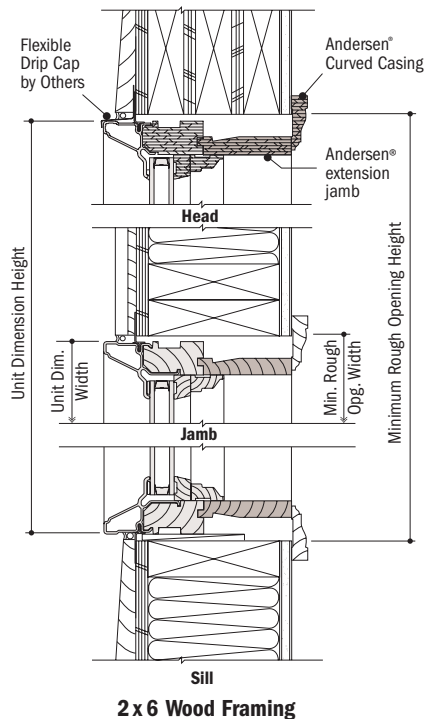
### Arch



### Springline™



## Suggested Product Applications Scale 1 1/2" = 1'-0" (1:8)



**Rough opening dimensions may need to be increased to allow for use of building wraps, flashings, sill panning, brackets, fasteners or other items. See page 13 for more details.**

**CAUTION:** In masonry wall construction, provide a minimum of 1/2" clearance from the top of the brick or masonry to the bottom of any portion of the sill. Failure to do so could result in product damage.

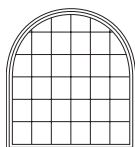
Fill the void with closed cell foam backer rod and silicone sealant. Be sure to allow for dimensional change of framework.

Proper installation and maintenance of Andersen products is essential to attain optimum performance and operation. Written installation instructions which provide guidelines for proper installation are typically provided with Andersen products. They are also available from your local Andersen supplier or by visiting [andersenwindows.com](http://andersenwindows.com). Remember that every installation is different, and Andersen strongly recommends consultation with the local supplier or an experienced contractor, architect or structural engineer prior to the installation of any Andersen product. The method of attachment for Andersen products, fastener selection and code compliance is the responsibility of the architect, building owner, contractor, installer and/or consumer. For complete installation details, refer to "Product Installation Details" at [andersenwindows.com](http://andersenwindows.com) or contact your Andersen supplier.

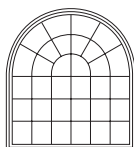
Light-colored areas are Andersen parts included with the unit. Dark-colored areas are additional Andersen parts required to complete unit assembly as shown and must be specifically ordered.

## Custom Arch Windows

Andersen offers even greater design flexibility with custom-dimensioned equal leg arches, unequal leg arches and partial chords. Custom arch windows can be designed using one of 10 standard radii, further expanding the existing line of 90 standard sizes of Andersen® arch windows. Color coordinate with any project. New arches are available in White, Sandtone, Terratone® and Forest Green. Andersen divided light is available for most styles and sizes. Contact your supplier for availability.



Colonial



Renaissance

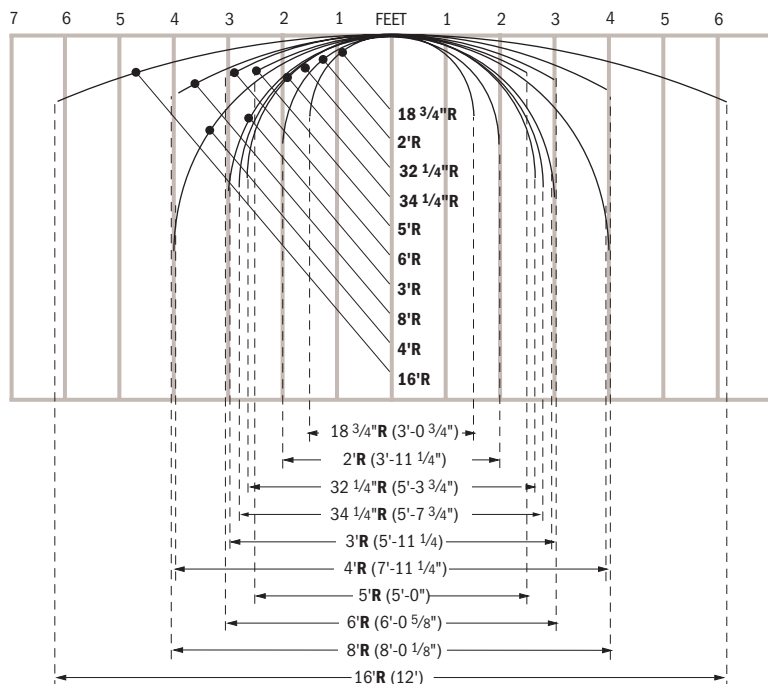
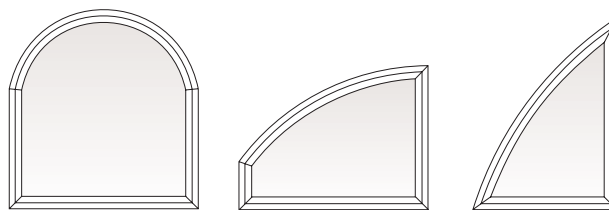
Custom arch shapes and sizes are specially constructed to be used in combination with other Andersen windows including: casement and awning windows, double-hung windows, gliding windows, hinged or gliding patio doors and Flexiframe® windows.

## Design Criteria

There are certain factors that must be considered when deciding on a custom arch size or shape. Below we have listed some of those factors. But for specific design criteria, mullion joining guidelines and order information, contact your Andersen window and patio door supplier.

## Design Considerations

- There are 10 standard radii to choose from: 18 3/4", 2', 32 1/4", 34 1/4", 3', 4', 5', 6', 8' and 16'.
- Maximum single unit width is based on available radius piece length. Contact supplier for specific information.
- Equal leg arch maximum unit width range: 36 3/4" for 18 3/4" radius to 12' for 16' radius. (See the illustration to the right.)
- Unequal leg arch maximum unit width range: 18 3/4" for 18 3/4" radius to 11'-2" for 16' radius.
- Partial chord maximum unit width range: 18 3/4" for 18 3/4" radius to 11'-5 1/2" for 16' radius.
- All units are stationary.
- No individual unit can exceed 60 square feet.
- No unit dimension can exceed 12'-0" in height.
- Only one unit dimension (height or width) can exceed 7'-0"
- No leg of any unit can be less than 6".
- Do all calculations in inches to 3 decimal places.
- Order extension jambs with units to assure correct sizing.
- Design windload considerations may affect spacing dimensions and pattern between units.



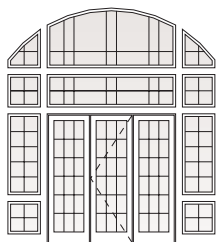
**Standard Radii for Custom Arch  
Maximum Width for Equal Leg Arch.**



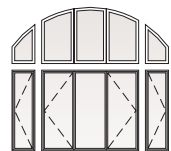
**Expanded Arch Capabilities to Achieve  
Springline™ Window Expression.**



**16 Foot Radius for Combinations**



CA  
C12  
CA  
FLEX  
FWH8080  
CA  
C12  
C15  
C12



CA  
CR15  
CA  
C35  
CA  
CA  
CR15



CA  
G34  
CA  
G34

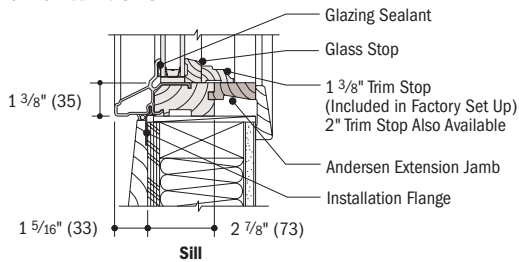


CA  
2032  
CA  
3432  
CA  
2032

**Custom Arch Combination Examples**

# SPECIALTY WINDOWS

## Flexiframe® Windows

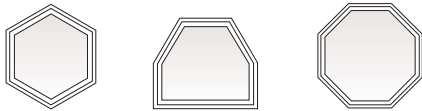


### Flexiframe® Sill Detail Scale 1 1/2" = 1'-0" (1:8)

#### Minimum and Maximum Limits for Flexiframe Units

Flexiframe windows may be assembled in almost any shape, or in any size, with these minimum and maximum limits:

- May not have any angle less than 14°
- May not exceed a maximum glass area greater than 60 square feet.
- Square footage is based on a square or rectangular shape.
- No leg may be less than 6" or more than 144"
- Maximum width on short leg may not exceed 84"



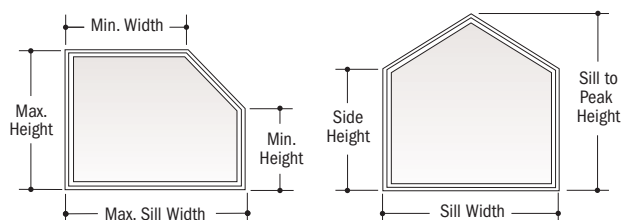
## Hexagons

Flexiframe hexagon units are available either as equilateral hexagons where all six sides are equal or as a hexagon with non-equal sides. Equilateral hexagons are specified by identifying the length of one side. Hexagons have a top parallel to and centered over the base. They are specified by identifying their height, top leg, base, and vertical leg lengths. Their total area may not exceed 60 square feet, and sides may be any dimension between 6 inches and 42 inches.

## Octagons

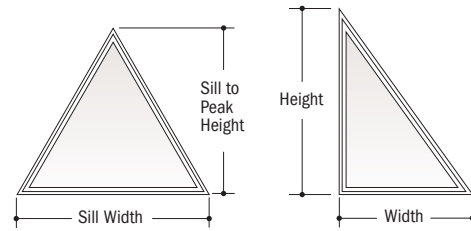
Flexiframe octagon units are available only as equilateral units. All angles and sides must be equal. They may be specified by identifying the length of one of their sides. Their total area may not exceed 60 square feet, and sides may be any dimension between 6 inches and 36 inches.

NOTE: Standard octagons are available in 2', 2'-4" and 3' unit dimension sizes. See the Enhancement Windows size table for information on these sizes.



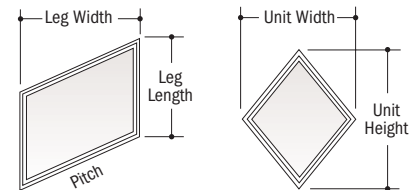
## Pentagons

Flexiframe® pentagon units are the most complex of the possible, available shapes. They are available as either angled or peaked pentagons. Angled pentagon units are distinguished by their angle cut, or the "cut-off corner," sloping left or right. Angled pentagon units are specified by identifying the minimum width (top), maximum width (sill), minimum height (short side), and their maximum height (long side). Flexiframe angled pentagon units may not have an angle less than 14°, a leg less than 6," or an area (the product of its sill width multiplied by the height) greater than 60 square feet. Peaked pentagon units have a sill, two sides of equal length extending at right angles from the sill, and two sloped sides of equal length coming to a peak midway above the sill. Peaked pentagon units are specified by identifying the width (sill), the height of one side, and the height from the sill to the peak. Flexiframe peaked pentagon units may not have an angle less than 14°, a leg less than 6," or an area (the product of its sill width multiplied by the height) greater than 60 square feet.



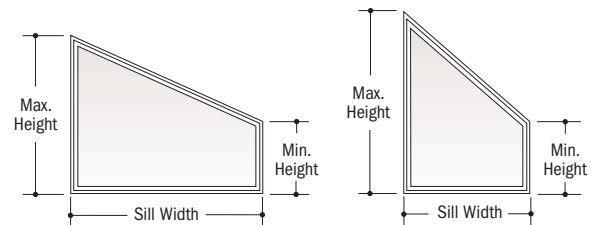
## Triangles

Flexiframe® units are available in either isosceles or right triangle configurations. Isosceles triangles have two sides of equal length and equal slope. They should be specified by the width of their sill and their height from sill to peak. Right triangles have a 90° angle and may be defined by the length of the two legs extending from the 90° corner. Flexiframe triangle units may not have an angle less than 14°, a leg less than 6," or an area (the product of its sill width multiplied by the height) greater than 60 square feet.



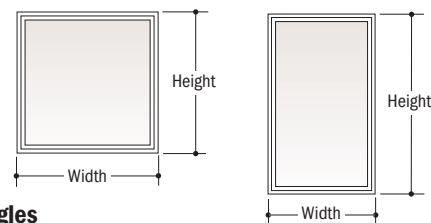
## Parallelograms/Diamonds

Flexiframe horizontal and vertical parallelogram units are specified by identifying the length of two vertical legs and unit dimension width, along with pitch. Flexiframe diamond shape units are specified by identifying unit dimension width and unit dimension height (all four sides will be equal length). Flexiframe parallelogram and diamond shape units may not have an angle less than 14°, a leg less than 6," or an area greater than 60 square feet.



## Trapezoids

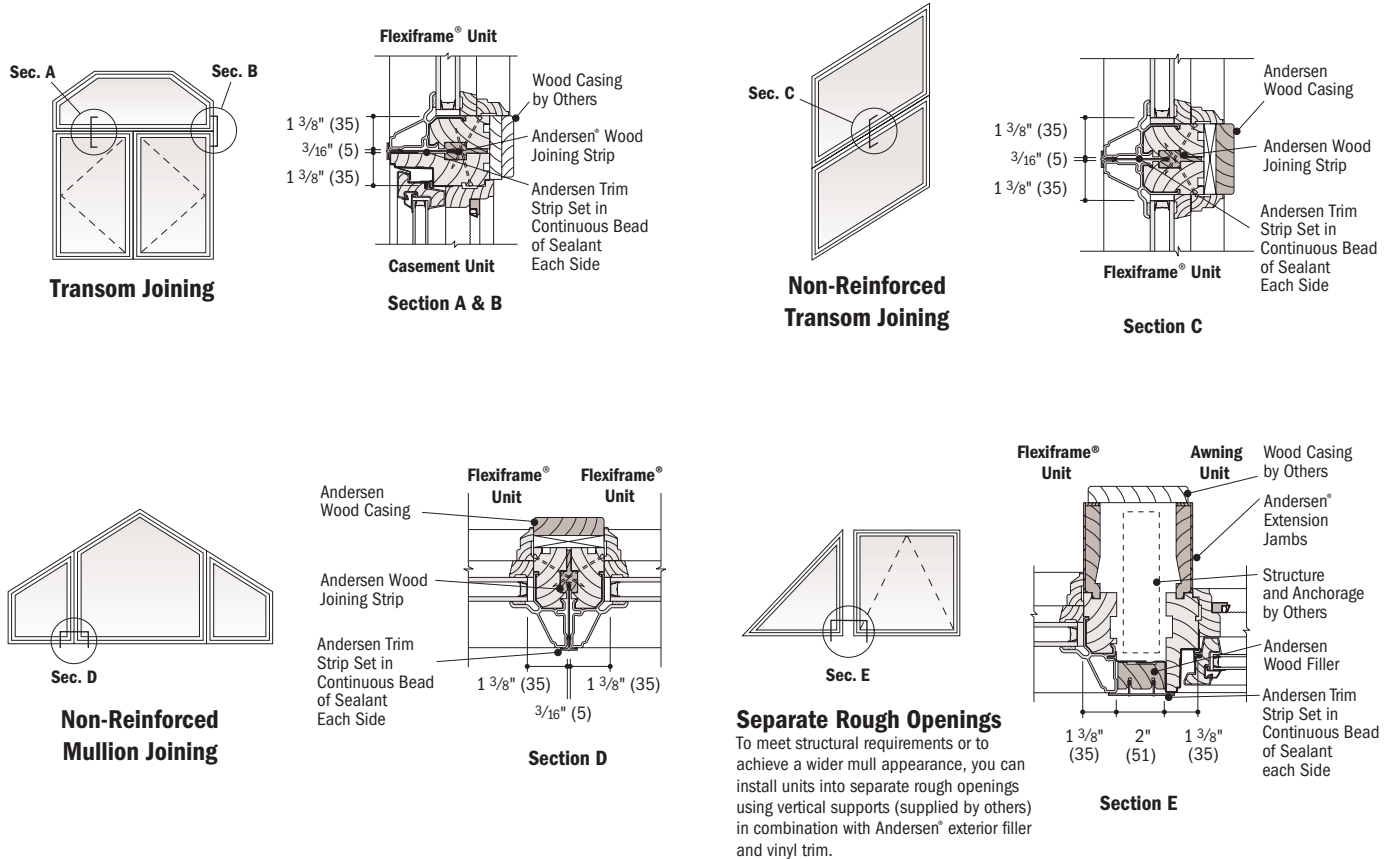
Flexiframe trapezoid units are available with an angle face cut sloped to the left, or an angle face cut sloped to the right. They are specified by identifying their width (sill), selecting the minimum height (short side), and selecting the maximum height (long side). They are often specified so the angled top matches the slope of the roof. Flexiframe trapezoid units may not have an angle less than 14°, a leg less than 6," or an area (the product of its sill width multiplied by the height) greater than 60 square feet.



## Rectangles

Rectangles as a category include both squares and rectangles. Flexiframe® rectangle units should be specified by identifying their width and height. Sides of Flexiframe rectangle units may be any dimension between 6" and 144". The overall area defined by the rectangle may not exceed 60 square feet.

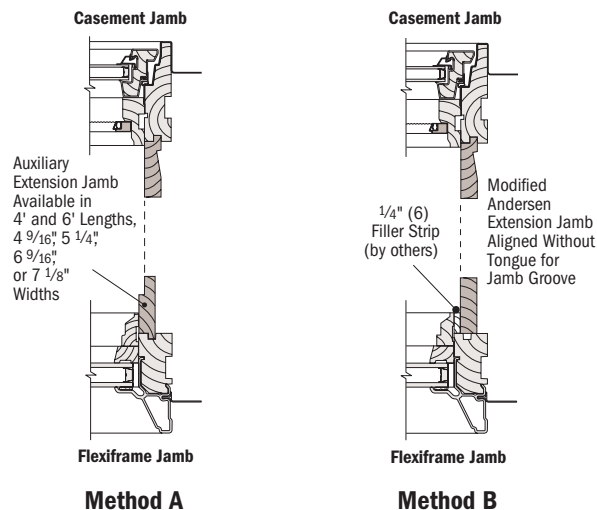
**Flexiframe® Window Joining Details** Scale 1 1/2" = 1'-0" (1:8)



Light-colored areas are Andersen parts included with the unit. Dark-colored areas are additional Andersen parts required to complete unit assembly as shown and must be specifically ordered.

**Extension Jamb Alignment** Scale 1 1/2" = 1'-0" (1:8)

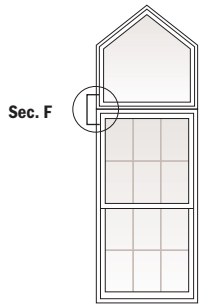
- Method A can be used when a picture frame trimming method is desired in the following applications: Arch or Flexiframe® units joined over casements, awning joined over, under or alongside casement units, or awning units mull alongside arch and Flexiframe® units. Auxiliary extension jambs are available from Andersen. Contact your supplier.
- Method B can be used for all other conditions such as when a continuous uninterrupted extension jamb is desired or when no extension jambs are used (i.e. only mull trim is used).



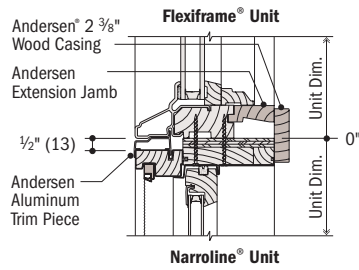
For reinforced joining information refer to the combination design section of this catalog, beginning on page 229.

# SPECIALTY WINDOWS

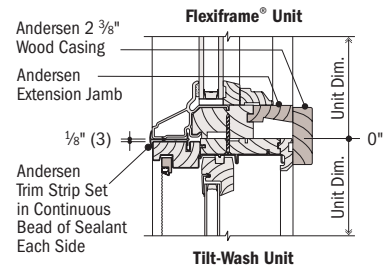
## Flexiframe® Window Joining Details (continued) Scale 1 1/2" = 1'-0" (1:8)



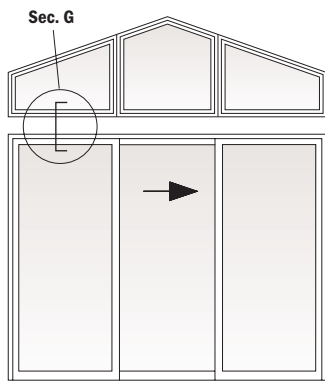
Transom Joining



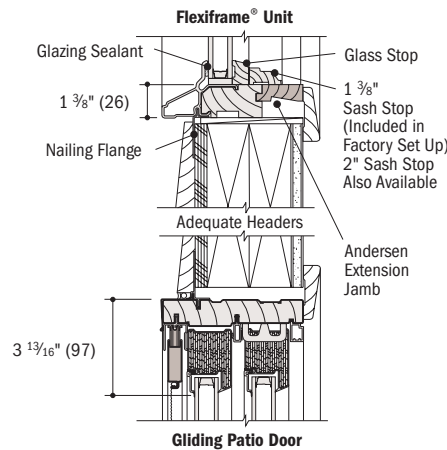
Section F



Section F

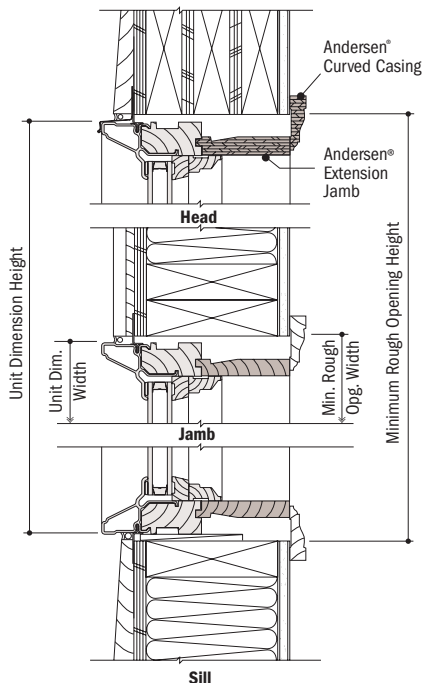


Support Transom Joining

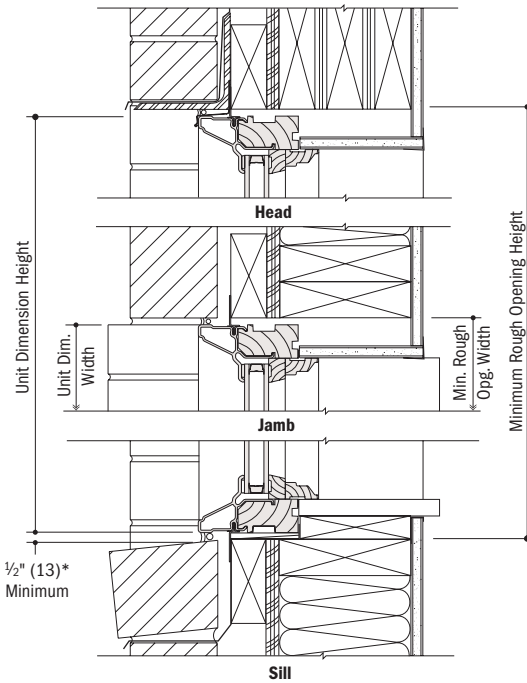


Section G

## Product Applications Scale 1 1/2" = 1'-0" (1:8)



2 x 6 Wood Framing



\*1/2" (13) minimum to accommodate differential shrinkage/expansion when brick is used with wood framing.

Brick Veneer / 2 x 6 Wood Framing

**Rough opening dimensions may need to be increased to allow for use of building wraps, flashings, sill panning, brackets, fasteners or other items. See page 13 for more details.**

**CAUTION:** In masonry wall construction, provide a minimum of 1/2" clearance from the top of the brick or masonry to the bottom of any portion of the sill. Failure to do so could result in product damage. Fill the void with closed cell foam backer rod and silicone sealant. Be sure to allow for dimensional change of framework.

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