

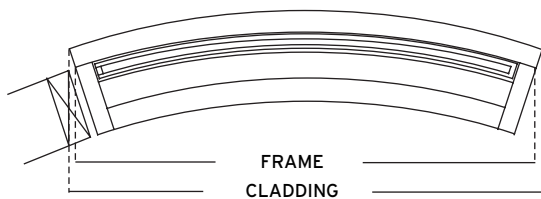
## CUSTOM CURVED/RADIUS GLASS UNIT

If you are looking to build truly custom homes or commercial buildings, curved glass windows add a distinctive touch. Architects are free to design curved wall systems without restrictions due to limited radius options. All of our units are custom built to your radius specifications. Detailed drawings and full-scale sill templates must be approved before we begin production on any curved glass window. Low-maintenance aluminum clad and all-wood exterior units are available. New Morning's curved glass windows are a true custom alternative for any unique job.

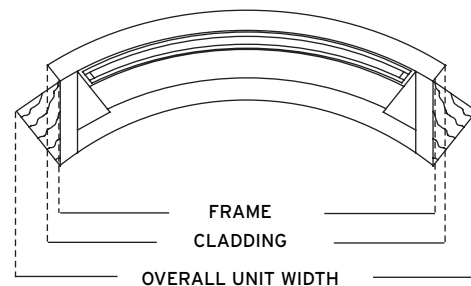
**Exterior Glazed Frame** Exterior glazing is accomplished by altering the exterior aluminum cladding (see drawing below). This process enables us to construct the side jambs at a standard 90-degree angle so other windows can be mullered directly to the curved glass window frame.

**Interior Glazed Frame** Interior glazed units require no alteration of the exterior aluminum cladding. A specially designed side jamb increases the inside frame opening and allows the builder to install these units in a square framed opening.

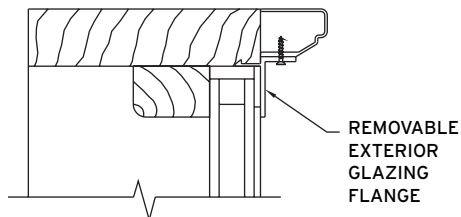
**Exterior Glazed Unit** Standard Side Jamb (top view)



**Interior Glazed Unit** Angled Side Jamb (top view)



**Exterior Glazed Unit (side view)**



### Product Options

- Standard colors
- Custom colors
- Insulated and single pane glass
- Assortment of wood types
- Wood removable interior grilles  
(with some profile and pattern restrictions)
- Structural authentic divided-lite  
(with some pattern restrictions)
- Casing/trim profiles  
(with some profile restrictions)
- Aluminum drip cap

**NOTES** The only LOE coating available is LOF hard coat. Cardinal® IG LOE coated glass is not available.

Tempered glass is not available; an available alternative is laminated/annealed glass.

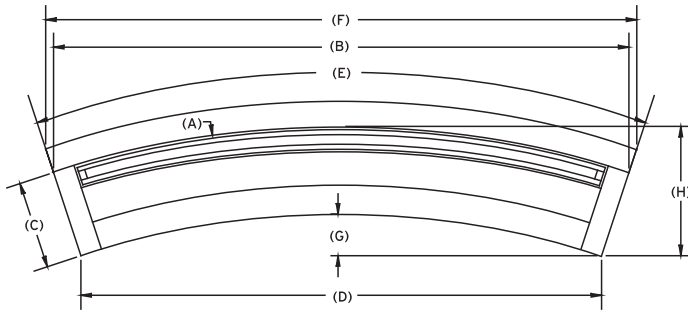
Curved/radius glass involves the reprocessing of a manufactured product. The bending process may exaggerate glass flaws such as seeds and distortion that are normally within accepted quality standards (see Special Glass Warranty). New Morning accepts no responsibility for such flaws.

Window frame engineering and unit installation (including weight transfer and fastening details) must be carefully considered and are the sole responsibility of the customer. Direct horizontal mulling is prohibited and will void any product and glass warranty.

## CUSTOM CURVED/RADIUS GLASS UNIT

**Exterior Glazed Unit (top view)** Maximum unit size for an exterior glazed unit is 40 (actual) square feet. This dimension is calculated by multiplying the girth by the overall unit height and dividing that number by 144. These dimensions are taken from the outside of the window frame (see example below). Our Customer Service Department can help you calculate the girth dimension.

### EXAMPLE



* A Outside frame radius (does not include frame cladding)	48"
* B Frame width	30"
* Overall frame height (NOT shown on drawing)	78"
* C Jamb depth	4 <sup>9</sup> / <sub>16</sub> "
D Inside frame width	27 <sup>1</sup> / <sub>8</sub> "
E Girth dimension (span of frame)	31 <sup>3</sup> / <sub>8</sub> "
F Overall unit width	30 <sup>13</sup> / <sub>16</sub> "
G Arc height	2 <sup>3</sup> / <sub>16</sub> "
H Overall unit depth (does not include frame cladding)	6 <sup>3</sup> / <sub>4</sub> "

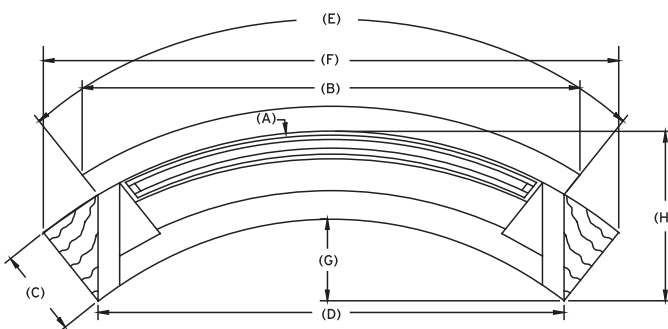
\* Critical dimensions that must be provided in order to quote and/or order a curved glass unit.

### Actual unit square footage:

Girth dimension (31.375") multiplied by overall frame height (78") = 2,447.25 ÷ 144" = 16.9948 actual sq. ft.

**Interior Glazed Unit (top view)** Maximum unit size for an interior glazed unit is 50 (actual) square feet. This dimension is calculated by multiplying the girth by the overall unit height and dividing that number by 144. These dimensions are taken from the outside of the window frame (see example below). Our Customer Service Department can help you calculate the girth dimension.

### EXAMPLE



* A Outside frame radius (does not include frame cladding)	24"
B Exterior cladding width	26"
* Overall frame height (NOT shown on drawing)	78"
* C Jamb depth	4 <sup>9</sup> / <sub>16</sub> "
D Inside frame width	24 <sup>5</sup> / <sub>16</sub> "
E Girth dimension (span of frame)	25 <sup>1</sup> / <sub>2</sub> "
* F Overall unit width	30"
G Arc height	4 <sup>1</sup> / <sub>4</sub> "
H Overall unit depth	8 <sup>13</sup> / <sub>16</sub> "

\* Critical dimensions that must be provided in order to quote and/or order a curved glass unit.