System Quote Request Pages Available in This PDF

Click on the system you wish to view to jump to that page

ARS – Aluminum Railing Systems
AWS – Aluminum Windscreen Systems
Barrier – Barrier Systems
GRS – Glass Railing Systems
CRS – Component Railing Systems
GRS Gate – Gate Systems and Hardware
HRS – Hand Railing Systems
P-Series – Post Railing System
WRS – Welded Post Railing System
When you are ready to order, utilize this form to assist you in covering the details required to complete an Aluminum Railing installation. Going through this exercise should prevent you from overlooking any details related to your installation.

**IMPORTANT:** Depending on the complexity of your project, one or more of the following may be required to accurately order: sketches or drawings of your particular application with dimensions; printed architectural drawings or CAD files; photos of job site conditions (digital images are preferable).

**NOTE:** A final sign off is required prior to any custom fabrication.

### QUANTITY

- □ Posts Needed

### POST SIZE

- □ 2-3/8” x 2-3/8” (60.3 x 60.3 mm)
- □ 4” x 4” (101.6 x 101.6 mm)

### POST ATTACHMENT

- □ Surface Mount (Top of Deck Surface)
- □ Core Mount
- □ Fascia Mount
- □ Other (Specify)

### TOP RAIL

- □ Series 100, Small Round Top
- □ Series 200, Flat Top
- □ Series 300, Large Round Top
- □ Series 350, Oval Top
- □ Series 400, Wide Top

### RAIL HEIGHT (AT TOP)

- □ 36” (914 mm)
- □ 42” (1067 mm)
- □ 48” (1219 mm)
- □ Other (Specify)

### DECK RAIL INFILL

- □ Glass (Thickness)
- □ Picket □ Round □ Rectangular
- □ Stainless Steel Cable
- □ Other (Specify)

### STAIR RAIL INFILL

- □ Glass (Thickness)
- □ Picket □ Round □ Rectangular
- □ Stainless Steel Cable
- □ Other (Specify)
  (Glass not supplied by CRL)

### SUBSTRATE

- □ Wood
- □ Concrete
- □ Waterproof
- □ Other (Specify)

### COLOR

- □ Sky White □ Oyster White □ Agate Gray □ Beige Gray □ Matte Black □ Matte Bronze □ Silver Metallic □ Chromate
- □ RAL Color (Specify)
- □ Special (Specify)

### LAYOUT GRID TO SKETCH DESIGN

![Layout Grid to Sketch Design](crlaurence.com)
AWS Quote/Order Request Form

Company Name ____________________________
Contact _________________________________
Job Name _________________________________

When you are ready to order, utilize this form to assist you in covering the details required to complete a Windscreen System installation. Going through this exercise should prevent you from overlooking any details related to your installation.

### WINDSCREEN SYSTEM

- Rectangular 2” x 2-5/8” (50.8 x 66.7 mm)
- Round 3” (76.2 mm) Diameter
- Square 4” x 4” (101.6 x 101.6 mm)

### POSTS NEEDED

- Ends ____________________
- 90 Degree Corners ________
- 180 Degree Centers ________
- 135 Degree Centers ________

### POST ATTACHMENT

- Core Mount
- Fascia Mount
- Surface Mount
- Other ________________

### POST HEIGHT

- 36” (914 mm)
- 48” (1219 mm)
- 60” (1524 mm)
- 72” (1829 mm)
- Other ________________

### SUBSTRATE

- Concrete
- Steel
- Wood
- Other ________________

### FLOOR CONDITION

- Flat
- Sloped (Degrees) __________

### ELEVATED BOTTOM RAIL (OPTIONAL)

- 20’-1” (6.12 m) Bottom Rail
- 20’-1” (6.12 m) Bottom Rail Filler
- No Bottom Rail
- Other ________________

### SURFACE MOUNT BOTTOM RAIL LENGTH (OPTIONAL)

- 36” (914 mm)
- 48” (1219 mm)
- 60” (1524 mm)
- 72” (1829 mm)
- No Bottom Rail
- Other ________________

### GLASS THICKNESS (OPTIONAL)

- 1/4” (6 mm)
- 3/8” (10 mm)
- 1/2” (12 mm)
- Other ________________

(Glass not supplied by CRL)

### COLOR

- Sky White
- Oyster White
- Agate Gray
- Beige Gray
- Matte Black
- Matte Bronze
- Silver Metallic
- Unfinished Chromate
- Clad in Polished S.S. w/Flat Cap
- Clad in Satin S.S. w/Flat Cap
- Special (Specify) __________

### IMPORTANT: Depending on the complexity of your project, one or more of the following may be required to accurately order: sketches or drawings of your particular application with dimensions; printed architectural drawings or CAD files; photos of the job site conditions (digital images are preferable).

**NOTE:** A final sign off is required prior to any custom fabrication.

When you are ready to order, utilize this form to assist you in covering the details required to complete a Windscreen System installation. Going through this exercise should prevent you from overlooking any details related to your installation.

Fax Completed Checklist to C.R. Laurence Technical Sales at (800) 587-7501 in the U.S., or (323) 584-5289 (Canada and International). Then call to discuss: (800) 421-6144 (U.S.), (877) 421-6144 (Canada), or (323) 588-1281 (International). Ask for Extension 7730. This form is also available online at crlaurence.com.
CRL BARRIER SYSTEMS

Barrier Quote/Order Request Form

When you are ready to order, utilize this form to assist you in covering the details required to complete a Barrier System installation. Going through this exercise should prevent you from overlooking any details related to your installation.

POST HEIGHT
- 36" (914 mm)
- 48" (1219 mm)
- 60" (1524 mm)
- 72" (1829 mm)
- Other ______________

GLAZING METHOD
- Dry Glazed with TAPER-LOC™ Tapers
- Wet Glazed with Kwixset® Expansion Cement

GLASS THICKNESS
- Thickness ____________
  (Glass not supplied by CRL)

POSTS NEEDED
- Ends ____________
- 90 Degree Corners ____________
- 180 Degree Centers ____________
- 135 Degree Centers ____________
- 3-Way ____________

SUBSTRATE
- Concrete
- Steel
- Wood
- Other ______________

POST ATTACHMENT
- Core Mount
- Surface Mount
- Other ______________

FINISH
- Clad in Polished S.S. w/Flat Cap
- Clad in Brushed S.S. w/Flat Cap
- Special (Specify) ______________

FLOOR CONDITION
- Flat
- Sloped (Degrees) ______________

IMPORTANT: Depending on the complexity of your project, one or more of the following may be required to accurately order: sketches or drawings of your particular application with dimensions; printed architectural drawings or CAD files; photos of the job site conditions (digital images are preferable).

NOTE: A final sign off is required prior to any custom fabrication.

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C.R. Laurence Company

Quote/Order Request Form

Company Name ____________________________
Contact ____________________________________
Job Name _________________________________

Important: Depending on the complexity of your project, one or more of the following may be required to accurately order: sketches or drawings of your particular application with dimensions; printed architectural drawings or cad files; photos of the job site conditions (digital images are preferable).

Glass Railing System Checklist Area:

<table>
<thead>
<tr>
<th>GLASS RAILING STYLE</th>
<th>GLASS RAILING HEIGHT</th>
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</thead>
<tbody>
<tr>
<td>Glass Rail System with Cap Rail</td>
<td>36’ (914 mm)</td>
</tr>
<tr>
<td>Glass Rail System with Hand Rail Only</td>
<td>42’ (1067 mm)</td>
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<tr>
<td>Glass Rail System with Cap Rail and Hand Rail</td>
<td>Other (Specify)</td>
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<tr>
<td>1-1/2” (38.1 mm)</td>
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</tr>
<tr>
<td>2” (50.8 mm)</td>
<td></td>
</tr>
<tr>
<td>2-1/2” (63.5 mm)</td>
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<tr>
<td>3” (76.2 mm)</td>
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<tr>
<td>3-1/2” (88.9 mm)</td>
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<tr>
<td>4” (101.6 mm)</td>
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<td>Other (Specify)</td>
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<tr>
<th>CAP RAIL SIZE</th>
<th>CAP RAIL PROFILE</th>
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<tr>
<td>1-1/2” (38.1 mm)</td>
<td>Round Profile Cap Rail</td>
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<tr>
<td>2” (50.8 mm)</td>
<td>Square Profile Cap Rail</td>
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<td>2-1/2” (63.5 mm)</td>
<td>Oval Profile Cap Rail</td>
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<td>3-1/2” (88.9 mm)</td>
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<td>4” (101.6 mm)</td>
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<tr>
<th>GLASS THICKNESS</th>
<th>GLASS RAILING END CAPS</th>
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<tbody>
<tr>
<td>1/2” (12 mm) Monolithic Tempered Glass</td>
<td>Standard Applied Flat End Caps</td>
</tr>
<tr>
<td>5/8” (15 mm) Monolithic Tempered Glass</td>
<td>Stabilizing Wall Mount Flat End Caps</td>
</tr>
<tr>
<td>3/4” (19 mm) Monolithic Tempered Glass</td>
<td>Welded Flat End Caps</td>
</tr>
<tr>
<td>9/16” (14.32 mm) Laminated Tempered Glass</td>
<td>Flat Wood End Caps (Specify)</td>
</tr>
<tr>
<td>11/16” (17.52 mm) Laminated Tempered Glass</td>
<td>Dome Wood End Caps (Specify)</td>
</tr>
<tr>
<td>27/32” (21.52 mm) Laminated Tempered Glass</td>
<td>Other (Specify)</td>
</tr>
<tr>
<td>1-1/16” (25.52 mm) Laminated Tempered Glass</td>
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</tr>
<tr>
<td>(Glass not supplied by CRL)</td>
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<td>(Glass not supplied by CRL)</td>
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<tr>
<th>GLASING METHOD</th>
<th>BASE SHOE DRILLING</th>
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<tr>
<td>Dry Glazed with TAPER-LOC™ Tapers</td>
<td>Standard Drilling 12” (305 mm) on Center</td>
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<tr>
<td>Wet Glazed with Kwixset® Expansion Cement</td>
<td>Standard Drilling 6” (152 mm) on Center</td>
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<td>Custom (Specify)</td>
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<table>
<thead>
<tr>
<th>FLOOR SHIM/DRAIN BLOCKS</th>
<th>ATTACHMENT/MOUNTING</th>
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<tbody>
<tr>
<td>Drain Blocks 1/2” (12.7 mm) Tall</td>
<td>Surface Mount (Top of Substrate)</td>
</tr>
<tr>
<td>Weld Blocks (for Steel) 3/8” (9.5 mm) Tall</td>
<td>Embedded in Concrete Mount (Flush Set)</td>
</tr>
<tr>
<td>None Required</td>
<td>Fascia Mount (Side Mounted)</td>
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<tr>
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<td>Other (Specify)</td>
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<tr>
<th>PRICE IN STOCK LENGTHS OR FABRICATED</th>
<th>FLOOR CONDITION</th>
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<tbody>
<tr>
<td>Stock Lengths</td>
<td>Flat</td>
</tr>
<tr>
<td>Fabricated (Cut to Size by CRL)</td>
<td>Sloped Degrees</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Fax Completed Checklist to C.R. Laurence Technical Sales at (800) 587-7501 in the U.S., or (323) 584-5289 (Canada and International). Then call to discuss: (800) 421-6144 (U.S.), (877) 421-6144 (Canada), or (323) 588-1281 (International). Ask for Extension 7730. This form is also available online at crlaurence.com.

Phone # ____________________________
Fax # ____________________________
Date ____________________________

Stairway applications will require additional layout information. See typical layout drawing on page 240R that needs to be filled out at time of order. NOTE: A final sign off is required prior to any custom fabrication.
Custom Bending Quote/Order Request Form

Company Name ____________________________________________
Contact ____________________________
Job Name ____________________________

When you are ready to order, utilize this form to assist you in covering the details required to stretch form or roll form Cap Rail, Hand Rail, Base Shoe, and Base Shoe Cladding. Going through the exercise should prevent you from overlooking any details related to your installation.

Phone # ____________________________________________
Fax # ________________________________________
Date ____________________________

Just a Few of the Products CRL Manufacturing Can Bend
• Cap Rails, Hand Rails, Base Shoes, and Cladding
• Channels and Structural Steel
• Architectural Metals and Metal Panels

HOW TO ORDER:
Field measure and/or specify each required dimension from the drawing to the left using center line dimensions. Remember all bent products will be shipped in long lengths and will need to be field fabricated to exact size by the customer. Below are the different measurements CRL looks for when placing orders.

- Usable Arc Length
- Center Line Cord Length
- Center Line Cord Height
- Center Line Radius
- Angle

CRL’s Bent Railing Products are manufactured within acceptable industry tolerances, plus or minus 1/4” (6.3 mm) of the specified center line radius or shape. All bent products will be shipped in long lengths and will need to be field fabricated to exact size by the installer. If templates are sent in, they must be clearly marked where the center line of product is located. No paper templates will be accepted. If templates are required make sure they are made from plywood and or hardboard (Masonite) with the critical center line dimension points.

For GRS Glass Railing System applications, CRL highly recommends installing the base shoe first before ordering glass. If the glass is ordered at the same time the shoe is, the installer can run the risk that the glass may not fit the base shoe properly due to conflicts in tolerances.

IMPORTANT: Depending on the complexity of your project, one or more of the following may be required: sketches or drawings (with dimensions) of your particular application; printed architectural drawings or CAD files; photos (preferably digital) of job site conditions. NOTE: A final sign off is required prior to any custom fabrication. This form is also available online at crlaurence.com.
Custom Bending Quote/Order Request Form

Company Name ____________________________
Contact ____________________________
Job Name ____________________________

When you are ready to order, utilize this form to assist you in covering the details required to stretch form or roll form Cap Rail, Hand Rail, Base Shoe and Base Shoe Cladding. Going through the exercise should prevent you from overlooking any details related to your installation.

Fax Completed Checklist to C.R. Laurence Technical Sales at (800) 587-7501 in the U.S., or (323) 584-5289 (Canada and International). Then call to discuss: (800) 421-6144 (U.S.), (677) 421-6144 (Canada), or (323) 588-1281 (International). Ask for Extension 7750. This form is also available online at crlaurence.com.

Quantity: ____________________________ Center Line Cord Length: ____________________________
Catalog Number: ____________________________ Center Line Cord Height: ____________________________
Finish: ____________________________ Center Line Radius: ____________________________
Angle: ____________________________ Usable Arc Length: ____________________________

IMPORTANT: Depending on the complexity of your project, one or more of the following may be required: sketches or drawings (with dimensions) of your particular application; printed architectural drawings or CAD files; photos (preferably digital) of job site conditions. NOTE: A final sign off is required prior to any custom fabrication. This form is also available online at crlaurence.com.

Layout Grid to Sketch Design

Arc Length
Cord Length
Cord Height
Angle
Radius
Date:____________ Company Name:__________________________________ Your Name:___________________________________

Phone #:_________________________ P.O. # (If Ordering):_______________ Project Name:__________________________________

For pricing or ordering assistance contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Extension 7730. You may also fax this form to CRL Technical Sales at (800) 587-7501 in the U.S., or (323) 584-5289 (Canada or International).

**Horizontal Custom Corner Order Sheet**

Specify Inches or Millimeters

Long Point of Cap Rail L1=

Long Point of Cap Rail L2=

Inside Angle A=

Notes:

**Plan View of Cap Rail With Long Point Dimensions**

U-Channel Round Oval Square

Premium Square Crisp Corner

**Plan View of Center Line Glass Dimensions**

Specify Inches or Millimeters

Center of Line of Glass C1=

Center of Line of Glass C2=

Inside Angle A=

Notes:
Date:____________ Company Name:____________________________________ Your Name:_________________________________

Phone #:_________________________ P.O. # (If Ordering):_________________ Project Name:_________________________________

Quantity:_________ Cap Rail Size:_________ Glass Thickness:_________ Finish:______________________________________

For pricing or ordering assistance contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Extension 7730. You may also fax this form to CRL Technical Sales at (800) 587-7501 in the U.S., or (323) 584-5289 (Canada or International). **NOTE:** A final sign off is required prior to any custom fabrication.

**Vertical Custom Corner Order Sheet**

Specify Inches or Millimeters

Long Point of Cap Rail L1= __________________________

Long Point of Cap Rail L2= __________________________

Inside Angle A= __________________________________

Notes: __________________________________________

---

**Elevation of Cap Rail With Long Point Dimensions**

Select Cap Profile

- U-Channel
- Round
- Oval
- Square

---

**Vertical Custom Corner Order Sheet**

Specify Inches or Millimeters

End of Glass to End of Cap Rail E1= __________________________

End of Glass to End of Cap Rail E2= __________________________

Shim Space S1= __________________________

Shim Space S2= __________________________

Inside Angle A= __________________________________

Notes: __________________________________________

---

**Elevation of Cap Rail With Edge of Glass Dimensions**

Select Cap Profile

- U-Channel
- Round
- Oval
- Square

---

**Elevation of Cap Rail With Edge of Glass Dimensions**

Select Cap Profile

- U-Channel
- Round
- Oval
- Square

---
Practice Methods for Measuring Stairways

When measuring an existing stairway for fabricated railings please keep in mind the importance of every measurement that is needed to produce the required railing system. Measure every dimension that is indicated below to ensure your railing system is produced correctly.

**Style #1**

Measuring Short Run Stairways (4 or Fewer Treads)

Dimensions Needed for Tread Mounted Post Rail System

**Important:** Depending on the complexity of your project, one or more of the following may be required to accurately order: sketches or drawings of your particular application with dimensions; printed architectural drawings or cad files; photos of the job site conditions (digital images are preferable).

**Style #2**

Measuring Long Run Stairways (5 or More Treads)

Dimensions Needed for Tread Mounted Post Rail System
**Checklist Area:**

1. **Type of Attachment:** (See pages 160R to 161R)
   - Base Shoe to Concrete
   - Base Shoe to Weld Block
   - Base Shoe to Steel Channel or Angle
   - Base Shoe Embedded in Concrete (Flush Set)
   - Base Shoe to Steel Embedment Strip

2. **Attachment Fasteners and Accessories:** (See pages 164R to 167R)
   - Wedge-Bolt Anchors and Washers (for Concrete)
   - 1/2"-13 Socket Head Cap Screws (for Steel)
   - HSL3 Expansion Anchors (for Concrete)
   - Hex Head Cap Screws
   - Weld Blocks (for Steel)
   - Drain Blocks
   - Nylon Allen Screws (Protects Steel Embedment Threads)

3. **Style of Base Shoe and Glass Securing Method:** (See pages 128R to 159R)
   - L56S Series Square for 9/16" (13.52 mm) Laminated Tempered Glass
   - L68S Series Square for 11/16" (17.52 mm) Laminated Tempered Glass
   - L21S Series Square for 27/32" (21.52 mm) Laminated Tempered Glass
   - L25S Series Square for 1-1/16" (25.52 mm) Laminated Tempered Glass
   - B6S Series Square for 15 mm Monolithic Tempered Glass
   - B5A SurfaceMate Series Square for 1/2" (12 mm) Monolithic Tempered Glass
   - B5S Series Square for 5/8" (16 mm) Monolithic Tempered Glass
   - BST Series Tapered for 1/2" (12 mm) Monolithic Tempered Glass
   - BST Series Tapered for 5/8" (16 mm) Monolithic Tempered Glass
   - BSL Series Square for 1/2" (12 mm) Monolithic Tempered Glass
   - BSL Series Square for 5/8" (16 mm) Monolithic Tempered Glass
   - B7S Series Square for 3/4" (19 mm) Monolithic Tempered Glass
   - RG200 Series Two Piece for 1/2" (12 mm) Monolithic Tempered Glass
   - RG450 Series Fascia Mount Two Piece for 1/2" (12 mm) Monolithic Tempered Glass
   - RG500 Series Two Piece for 3/4" (19 mm) Monolithic Tempered Glass
   - RG650 Series Fascia Mount Two Piece for 3/4" (19 mm) Monolithic Tempered Glass

4. **Glass Securing Accessories:** (See pages 103R to 124R)
   - TAPER-LOC™ Dry Glaze 1/2" and 3/4" (12 and 19 mm) Monolithic Tempered Glass
   - TAPER-LOC™ Dry Glaze 3/8" (10 mm) Monolithic Tempered Glass
   - TAPER-LOC™ Dry Glaze 27/32" and 1-1/16" (21.52 and 25.52 mm) Laminated Tempered Glass
   - TAPER-LOC™ Dry Glaze 9/16" (13.52 mm) Laminated Tempered Glass
   - TAPER-LOC™ Dry Glaze 11/16" (17.52 mm) Laminated Tempered Glass
   - Wet Glaze 1/2" (12 mm) Setting and Centering Blocks
   - Wet Glaze 5/8" (16 mm) Setting and Centering Blocks
   - Wet Glaze 3/4" (19 mm) Setting and Centering Blocks
   - 1/4" (6 mm) Spacing and Sealing Pads for 1/2" (12 mm) Glass
   - 1/4" (6 mm) Spacing and Sealing Pads for 3/4" (19 mm) Glass
   - 1/4" (6 mm) Rigid Rubber Spacing Blocks for 1/2" (12 mm) Glass
   - 1/4" (6 mm) Rigid Rubber Spacing Blocks for 3/4" (19 mm) Glass
   - Base Shoe Gasket (for 1/2" (12 mm) and 3/4" (19 mm) Glass Only)
   - Expanding Cement

5. **Cladding Required:** (See pages 130R to 159R)
   - Yes
   - No

- **Stock Finish:**
  - Brushed Stainless Steel US32D
  - Polished Stainless Steel US32
  - Polished Brass US3
  - Satin Brass US4
  - Satin Anodized US28
  - Dark Bronze Anodized 313

- **Cladding Length:**
  - 120' (3.05 m) Stock Length
  - Custom Length up to 168' (4.26 m) (Cuts, L.H. Miter or R.H. Miter)

- **Cladding Accessories:**
  - End Caps
  - Mitered Corner Sets
  - Welded End Caps
  - Cladding Securing Tape
  - Cladding Securing Silicone Sealant

- **Base Shoe Hole Fabrication:**
  - No Fabrication
  - Drill and Counter Bore on 12' (305 mm) Centers
  - Drill and Counter Bore on 6' (152 mm) Centers
  - Other

**Product Selection:**

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>CAT. NO.</th>
<th>QTY.</th>
<th>PRODUCT</th>
<th>CAT. NO.</th>
<th>QTY.</th>
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<tbody>
<tr>
<td>Base Shoe</td>
<td></td>
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<td>Cladding Stock Lengths</td>
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<tr>
<td>TAPER-LOC™ Sets</td>
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<td>End Caps</td>
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<tr>
<td>Expanding Cement</td>
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<td>Corners</td>
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<td>Silicone Sealant</td>
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<td>Base Shoe Gasket</td>
<td></td>
<td></td>
<td>Installation Tools</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Fax Completed Checklist to: C.R. Laurence Technical Sales at (800) 587-7501 in the U.S., or (323) 584-5289 (Canada or International).
To discuss call: (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 (International). Ask for Extension 7730.
CRL GRS GATE SYSTEMS

CRL GRS Cap Railing
Swinging Gate

- Heavy-Duty Glass Gate With Optional Cap Rail
- Beautiful in Design and Functional in Operation
- Gate Can Be Adjusted In and Out at Both the Top and the Bottom
- Custom Fabricated to Meet Your Design Requirements
- Ask About Our New Free-Standing Post Model

We have developed a series of Swinging Gates for commercial or residential use, either alone or with our GRS Glass Rail System. The gates are an offshoot of our Wedge-Lock™ Door Rail System, and can be combined with our GRS Cap Rails. The bottom rail can be widened to match the width of an adjacent fixed railing Base Shoe. The upper patch fitting is modified to allow for mounting to a stainless steel bracket, and may also be modified to accommodate a Cap Rail. The top of the Gate pivots on a heavy-duty ball bearing, while the bottom pivots on a floor mounted commercial door closer. The floor closer always returns the Gate to the closed position, and the closing speed is adjustable.

All Swinging Gates are custom fabricated to your specifications.

Wall Mounted (Type W#) and Post Mounted (Type P#) Gates

Wall or post mount top pivot, floor closer, cap rail, top patch, and full bottom rail.

Wall or post mount top pivot, floor closer, cap rail, top and bottom patch.

Wall or post mount top pivot, floor closer, top patch, and full bottom rail.

Wall or post mount top pivot, floor closer, top and bottom patch.

Wall or post mount top and bottom pivots, cap rail, top patch, and full bottom rail.

Wall or post mount top and bottom pivots, top patch, and full bottom rail.

Wall or post mount top and bottom pivots, top and bottom patch.

Wall or post mount top and bottom pivots, top and bottom patch.

NOTE: We recommend the use of 1/2" (12 mm), 5/8" (16 mm), or 3/4" (19 mm) tempered monolithic or tempered laminated glass.
CRL GRS Cap Railing Swinging Gate

• 16 Configurations to Choose From
• Wall or Post Mounted
• Four Handing Options
• Stainless Steel, Anodized, and Painted Finishes
• Every Swinging Gate is Custom Fabricated to Your Requirements
• Optional Locks Available

WALL MOUNT SWINGING GATE WITH

<table>
<thead>
<tr>
<th>CAT. NO.</th>
<th>TOP PIVOT PLUS...</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SGW1C</td>
<td>Cap Rail, Top Patch, and Full Bottom Rail</td>
<td>W1</td>
</tr>
<tr>
<td>SGW2C</td>
<td>Cap Rail, Top and Bottom Patch</td>
<td>W2</td>
</tr>
<tr>
<td>SGW3C</td>
<td>Top Patch and Full Bottom Rail</td>
<td>W3</td>
</tr>
<tr>
<td>SGW4C</td>
<td>Top and Bottom Patch</td>
<td>W4</td>
</tr>
</tbody>
</table>

POST MOUNT SWINGING GATE WITH

<table>
<thead>
<tr>
<th>CAT. NO.</th>
<th>TOP PIVOT PLUS...</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSP1C</td>
<td>Cap Rail, Top Patch, and Full Bottom Rail</td>
<td>P1</td>
</tr>
<tr>
<td>GSP2C</td>
<td>Cap Rail, Top and Bottom Patch</td>
<td>P2</td>
</tr>
<tr>
<td>GSP3C</td>
<td>Top Patch and Full Bottom Rail</td>
<td>P3</td>
</tr>
<tr>
<td>GSP4C</td>
<td>Top and Bottom Patch</td>
<td>P4</td>
</tr>
</tbody>
</table>

CAT. NO. TOP AND BOTTOM PIVOT PLUS... TYPE

| SGW5C    | Cap Rail, Top Patch, and Full Bottom Rail | W5   |
| SGW6C    | Cap Rail, Top and Bottom Patch | W6   |
| SGW7C    | Top Patch and Full Bottom Rail | W7   |
| SGW8C    | Top and Bottom Patch | W8   |

NOTE: We recommend the use of 1/2” (12 mm), 5/8” (16 mm), or 3/4” (19 mm) tempered monolithic or tempered laminated glass.

CRL This Menu to Design the Swinging Gate of Your Choice

SELECT GATE STYLE

<table>
<thead>
<tr>
<th>Wall Mount</th>
<th>Post Mount</th>
</tr>
</thead>
<tbody>
<tr>
<td>W1</td>
<td>P1</td>
</tr>
<tr>
<td>W2</td>
<td>P2</td>
</tr>
<tr>
<td>W3</td>
<td>P3</td>
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<tr>
<td>W4</td>
<td>P4</td>
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<tr>
<td>W5</td>
<td>P5</td>
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<tr>
<td>W6</td>
<td>P6</td>
</tr>
<tr>
<td>W7</td>
<td>P7</td>
</tr>
<tr>
<td>W8</td>
<td>P8</td>
</tr>
</tbody>
</table>

FINISH

- Brushed Stainless Steel (BS)
- Polished Stainless Steel (PS)
- Polished Brass (PB)
- Satin Brass (SB)
- Satin Anodized (SA)
- Dark Bronze Anodized (DU)
- Powder Coated (PT) RAL#
- Custom Finish (C) Specify

FLOOR CLOSER/FLOOR PIVOT OPTIONS

- J990NHOD 180 Degree Swinging No Hold Open
- J993HOD 180 Degree Swinging Hold Open
- CRLBO10DP Floor/Threshold Mnt. Pivot
- CRLBO10BP Standard Floor Mnt. Pivot
- Other

POST MOUNT

- Core Mount
- Surface Mount with Base Plate
- Other

GLAZING

- 1/2” (12 mm)
- 5/8” (16 mm)
- 3/4” (19 mm)
- Other

TOP CAP DIAMETER

- 1-1/2” (38.1 mm) Diameter Top Cap
- 2” (50.8 mm) Diameter Top Cap
- 2-1/2” (63.5 mm) Diameter Top Cap
- 3” (76.2 mm) Diameter Top Cap
- 3-1/2” (88.9 mm) Diameter Top Cap
- 4” (101.6 mm) Diameter Top Cap
- 1-1/2” (38.1 mm) Square Top Cap
- 2” (50.8 mm) Square Top Cap
- 2-1/2” (63.5 mm) Square Top Cap
- No Cap

HANDING

- Left Hand (LH) □ Insde
- Right Hand (RH) □ Outside
- Left Hand Reverse (LHR) □ Inside
- Right Hand Reverse (RHR) □ Outside

BOTTOM RAIL STYLE

- 4” (101.6 mm) Tall (Wide Style) Bottom Rail
- 4” (101.6 mm) Standard Bottom Rail
- 9-1/2” (241 mm) Long Patch Fitting
Glass Mounted Hand Rail Checklist:

### OPTIONAL HAND RAIL
- 1-1/2" Diameter .050" Wall Thickness
- 1.66" O.D. 1-1/4" Schedule 40 .140" Wall Thickness
- 1.9" O.D. 1-1/2" Schedule 40 .145" Wall Thickness
- 2" Diameter .050" Wall Thickness
- Other (Specify)____________________________
- None Required

### HAND RAIL END CAPS
- Standard Applied Flat End Caps
- Standard Applied Dome End Caps
- Stabilizing Wall Mount Flat End Caps
- Welded Flat End Caps
- Custom Angle End Caps (Specify)______________

### FINISH
- Brushed Stainless Steel
- Polished Stainless Steel
- Satin Brass
- Polished Brass
- Powder Coated Aluminum
- Mill Finish
- Wood (Specify Type)__________________________
- Custom (Specify)______________________________

### OPTIONAL HAND RAIL GLASS BRACKETS
- Standard Glass Mounted Hand Rail Brackets
- 2-Way Adjustable Glass Mounted Hand Rail Brackets
- 3-Way Adjustable Glass Mounted Hand Rail Brackets

The hand grip portion of the Hand Rails shall not be less than 1-1/4" (31.7 mm), and no more than 2" (50.8 mm) in cross sectional dimension.

**NOTE:** Codes vary from region to region. Review local building codes for handrail code requirements before ordering.

Top of Hand Rail shall not be placed less than 34" (863 mm), nor more than 38" (965 mm), above landings, ramps or the toe of step.
## CRL P-SERIES POST RAILING SYSTEMS

### P-Post Quote/Order Request Form

When you are ready to order, utilize this form to assist you in covering the details required to complete a P-Post Railing System installation. Going through this exercise should prevent you from overlooking any details related to your installation.

### RAILING HEIGHT
- [ ] 36" (914 mm)
- [ ] 42" (1067 mm)
- [ ] Other (Specify) ________________

### POST ATTACHMENT
- [ ] Surface Mount (Top of Substrate)
- [ ] Core Mount
- [ ] Fascia Mount
- [ ] Other (Specify) ________________

### OPTIONAL HAND RAIL
- [ ] 1-1/2" Diameter .050 Wall Thickness
- [ ] 1-1/2" Square .050 Wall Thickness
- [ ] 2" Diameter .050 Wall Thickness
- [ ] Other (Specify) ________________
- [ ] None Required

### POST STYLE
- [ ] P1 Series
- [ ] P2 Series
- [ ] P3 Series
- [ ] P4 Series
- [ ] P5 Series
- [ ] P6 Series
- [ ] P7 Series
- [ ] P8 Series
- [ ] Other (Specify) ________________

### GLASS ATTACHMENT
- [ ] RB51 Fixed Attachment Fittings
- [ ] Z-Series Clamps
- [ ] RB50 Fixed Attachment Fittings
- [ ] RB50 Swivel Attachment Fittings
- [ ] Spider Fittings
- [ ] Custom Welded Standoff Arms
- [ ] Other (Specify) ________________
- [ ] None

### TOP RAIL SIZE
- [ ] 1-1/2" Schedule 40 1.9" O.D.
- [ ] 1-1/4" Schedule 40 1.66" O.D.
- [ ] Other (Specify) ________________

### TOP RAIL END CAPS
- [ ] Applied Flat End Caps
- [ ] Welded Flat End Caps
- [ ] Welded Domed End Caps
- [ ] Other Specify ________________

### FLOOR CONDITION
- [ ] Flat
- [ ] Sloped (Degrees)

### RAILING INFILL
- [ ] 1/2" (12 mm) Glass
- [ ] 3/8" (10 mm) Glass
- [ ] 1/8" (3.1 mm) Dia. Cable
- [ ] 1/2" (12 mm) Round Bar
- [ ] Other (Specify) ________________

### SUBSTRATE
- [ ] Wood
- [ ] Concrete
- [ ] Waterproof
- [ ] Steel
- [ ] Other (Specify) ________________

### FINISH
- [ ] Brushed Stainless Steel
- [ ] Polished Stainless Steel
- [ ] Powder Coated
- [ ] Custom Specify ________________

### LAYOUT GRID TO SKETCH DESIGN

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**IMPORTANT:** Depending on the complexity of your project, one or more of the following may be required to accurately order: sketches or drawings of your particular application with dimensions; printed architectural drawings or CAD files; photos of the job site conditions (digital images are preferable).

**NOTE:** Stairway applications will require additional layout drawing on page 287R that needs to be filled out at the time of order. A final sign off is required prior to any custom fabrication.

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Fax Completed Checklist to C.R. Laurence Technical Sales at (800) 587-7501 in the U.S., or (323) 584-5289 (Canada and International). Then call to discuss: (800) 421-6144 (U.S.), (877) 421-6144 (Canada), or (323) 588-1281 (International). Ask for Extension 7730. This form is also available online at crlaurence.com.
Practice Methods for Measuring Stairways

When measuring an existing stairway for fabricated railings please keep in mind the importance of every measurement that is needed to produce the required railing system. Measure every dimension that is indicated below to ensure your railing system is produced correctly.

**Important:** Depending on the complexity of your project, one or more of the following may be required to accurately order: sketches or drawings of your particular application with dimensions; printed architectural drawings or cad files; photos of the job site conditions (digital images are preferable).

### Style #1
**Measuring Short Run Stairways (4 or Fewer Treads)**

**Dimensions Needed for Tread Mounted Post Rail System**

**REQUIRED TOOLS**
- Tape Measure
- Square
- Plumb Line
- Laser Level
- Sketch Pad
- Angle Finder

Field Measure and Specify Each Required Dimension From the Key Below.

- **A=**
- **B=**
- **C=**
- **D=**
- **E=**
- **F=**
- **G=**
- **H=**
- **J=**
- **K=**
- **Stair Angle=**

### Style #2
**Measuring Long Run Stairways (5 or More Treads)**

**Dimensions Needed for Tread Mounted Post Rail System**

Field Measure and Specify Each Required Dimension From the Key Below.

- **A=**
- **B=**
- **C=**
- **D=**
- **E=**
- **F=**
- **G=**
- **H=**
- **J=**
- **K=**
- **Stair Angle=**
Practice Methods for Measuring Stairways

When measuring an existing stairway for CRL's Glass Railing System please keep in mind the importance of every measurement that is needed to produce the required railing system. Measure every dimension that is indicated below to ensure your railing system is produced correctly. **Important:** Depending on the complexity of your project, one or more of the following may be required to accurately order: sketches or drawings of your particular application with dimensions; printed architectural drawings or cad files; photos of the job site conditions (digital images are preferable).

**Style #1**
Measuring Curb Mount/Stringer Mount Stairways

Field Measure and Specify Each Required Dimension From the Key Below.

- A=
- B=
- C=
- D=
- E=
- F=
- G=
- H=
- J=
- K=
- Stair Angle=

**REQUiRED TOOLS**
- TAPE MEASURE
- SQUARE
- PLUMB LINE
- LASER LEVEL
- SKETCH PAD
- ANGLE FINDER

**Style #2**
Measuring Extended Curb Mount/Extended Stringer Mount Stairways

Field Measure and Specify Each Required Dimension From the Key Below.

- A=
- B=
- C=
- D=
- E=
- F=
- G=
- H=
- J=
- K=
- Stair Angle=
**CRL WRS WELDED POST RAILING SYSTEM**

For Pricing Visit Our Web Site or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

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When you are ready to order, utilize this form to assist you in covering the details required to complete a Welded Post Railing System installation. Going through this exercise should prevent you from overlooking any details related to your installation.

### RAILING HEIGHT
- 36" (914 mm)
- 42" (1067 mm)
- Other (Specify)

### POST ATTACHMENT
- Surface Mount (Top of Substrate)
- Core Mount
- Fascia Mount
- Other

### OPTIONAL HAND RAIL
- 1-1/2" (38.1 mm) Dia.
- 2" (50.8 mm) Dia.
- Other (Specify)
- None Required

### POST SIZE
- 1-1/4" Sch. 40 1.66" (42.2 mm) O.D.
- 1-1/2" Sch. 40 1.9" (48.3 mm) O.D.
- 2" (50.8 mm) O.D. Square
- Other (Specify)

### SUBSTRATE
- Concrete
- Steel
- Wood
- Waterproof
- Other (Specify)

### GLASS ATTACHMENT
- Z-Series Clamps
- RB50 Swivel Attachment Fittings
- RB50 Fixed Attachment Fittings
- RB51 Fixed Attachment Fittings
- Spider Fittings
- Custom Welded Standoff Arms
- Other
- None

### TOP RAIL SIZE
- 1-1/4" Sch. 40 1.66" (42.2 mm) O.D.
- 1-1/2" Sch. 40 1.9" (48.3 mm) O.D.
- Other (Specify)

### TOP RAIL CONNECTION
- Standard Coped (Welded Post to Top Rail)
- Standoff Saddle (Mechanically Attached Post to Top Rail)

### FLOOR CONDITION
- Flat
- Sloped (Degrees)

### GLASS ATTACHMENT
- Z-Series Clamps
- RB50 Swivel Attachment Fittings
- RB50 Fixed Attachment Fittings
- RB51 Fixed Attachment Fittings
- Spider Fittings
- Custom Welded Standoff Arms
- Other
- None

### END CAPS
- Applied Flat End Caps
- Welded Flat End Caps
- Welded Dome End Caps
- Other (Specify)
- None

### FINISH
- Brushed Stainless Steel
- Polished Stainless Steel
- Polished Brass
- Satin Brass
- Powder Coated Aluminum
- Custom (Specify)

### LAYOUT GRID TO SKETCH DESIGN

### IMPORTANT:
Depending on the complexity of your project, one or more of the following may be required to accurately order: sketches or drawings of your particular application with dimensions; printed architectural drawings or CAD files; photos of the job site conditions (digital images are preferable).

**NOTE:** Stairway applications will require additional layout drawing on page 287R that needs to be filled out at time of order. A final sign off is required prior to any custom fabrication.

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**C.R. LAURENCE COMPANY**

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CRL
WRS Quote/Order Request Form

When you are ready to order, utilize this form to assist you in covering the details required to complete a Welded Post Railing System installation. Going through this exercise should prevent you from overlooking any details related to your installation.

### RAILING HEIGHT
- 36" (914 mm)
- 42" (1067 mm)
- Other (Specify)

### POST ATTACHMENT
- Surface Mount (Top of Substrate)
- Core Mount
- Fascia Mount
- Other

### OPTIONAL HAND RAIL
- 1-1/2" (38.1 mm) Dia.
- 2" (50.8 mm) Dia.
- Other (Specify)
- None Required

### POST SIZE
- 1-1/4" Sch. 40 1.66" (42.2 mm) O.D.
- 1-1/2" Sch. 40 1.9" (48.3 mm) O.D.
- 2" (50.8 mm) O.D. Square
- Other (Specify)

### SUBSTRATE
- Concrete
- Steel
- Wood
- Waterproof
- Other (Specify)

### GLASS ATTACHMENT
- Z-Series Clamps
- RB50 Swivel Attachment Fittings
- RB50 Fixed Attachment Fittings
- RB51 Fixed Attachment Fittings
- Spider Fittings
- Custom Welded Standoff Arms
- Other
- None

### TOP RAIL SIZE
- 1-1/4" Sch. 40 1.66" (42.2 mm) O.D.
- 1-1/2" Sch. 40 1.9" (48.3 mm) O.D.
- Other (Specify)

### TOP RAIL CONNECTION
- Standard Coped (Welded Post to Top Rail)
- Standoff Saddle (Mechanically Attached Post to Top Rail)

### FLOOR CONDITION
- Flat
- Sloped (Degrees)

### GLASS ATTACHMENT
- Z-Series Clamps
- RB50 Swivel Attachment Fittings
- RB50 Fixed Attachment Fittings
- RB51 Fixed Attachment Fittings
- Spider Fittings
- Custom Welded Standoff Arms
- Other
- None

### END CAPS
- Applied Flat End Caps
- Welded Flat End Caps
- Welded Dome End Caps
- Other (Specify)
- None

### FINISH
- Brushed Stainless Steel
- Polished Stainless Steel
- Polished Brass
- Satin Brass
- Powder Coated Aluminum
- Custom (Specify)