

# 7" Balustrade Design Request Form

Please fax the completed Design Request Form and Balustrade Layout to 1.714.630.4549  
Attn: Design Services. For further assistance, please call Design Services at 1.800.294.1098  
Or visit us online at [www.balustradesystem.com](http://www.balustradesystem.com)

## Step 1

Please complete your contact information.

Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

E-mail: \_\_\_\_\_

## Step 2

What style Baluster would you like?

\*Installed according to our standard installation method meets or exceeds most 36" residential code requirements.

\*\* Installed according to our standard installation method meets or exceeds most 42" commercial code requirements.

### Ashley

- BAL4X24AY\*
- BAL5X20AY
- BAL5X24AY\*
- BAL5X28AY\*\*
- BAL5X32AY\*\*

### Beaumont

- BAL4X22BE

### Classic

- BAL5X20CC
- BAL5X24CC\*
- BAL5X28CCOB\*\*
- BAL5X32CC\*\*

### Jillian

- BAL5X28JI\*\*

### Logan

- BAL4X24LN\*
- BAL5X31LNOB\*\*
- BAL5X31LN\*\*
- BAL5X32LN\*\*
- BAL5X36LN\*\*
- BAL5X36LN\*\*
- BAL5X40LN\*\*

### Piedmont

- BAL4X36PM\*\*

### Rosedale

- BAL5X16RL
- BAL5X20RLOB
- BAL5X20RL
- BAL5X24RLOB\*
- BAL5X24RL\*
- BAL5X28RL\*\*
- BAL5X32RL\*\*

### Square

- BAL5X28SQ\*\*

### Trinity

- BAL5X29TY\*\*

### Woodruff

- BAL5X20WF
- BAL5X24WF\*
- BAL5X28WF\*\*
- BAL5X32WF\*\*

## Step 3

Does your installation need to meet code?

- Yes  No (if no please specify preferred spindle spacing) \_\_\_\_\_"

## Step 4

If you will be using our newel posts or porch post, which is recommend. If you are using newel posts please select what style of newel post cap you would like.

### I will be using a...

- 8" Newel Post  12" Newel Post  Porch Post

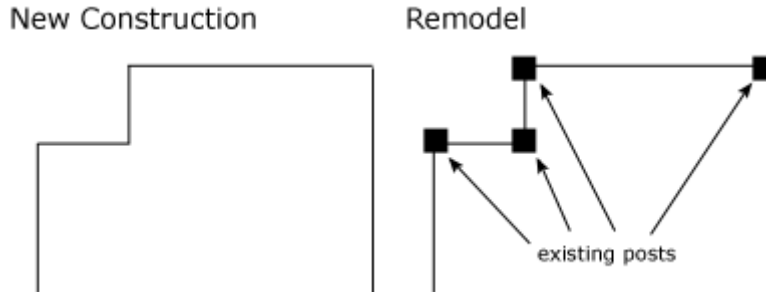
### Newel Post Caps

- PST10X10F (Post top flat)
- PST10X10P (Post top Peaked)
- B5X7 (Ball Top)

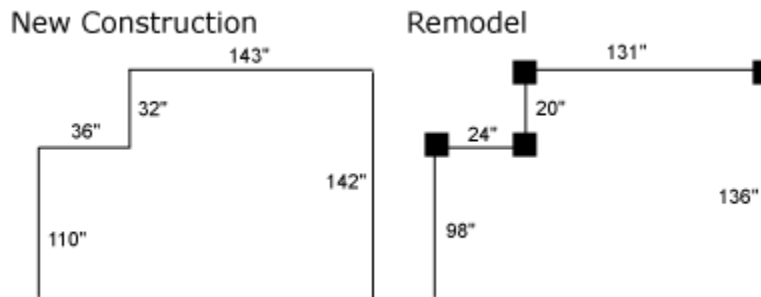
# 7" Balustrade Design Sketch Sheet Instructions

Balustrade Systems by Pacific Columns

1. Draw a birds-eye view of where you are going to have railing. You can see by the example below on how to draw your birds-eye view.

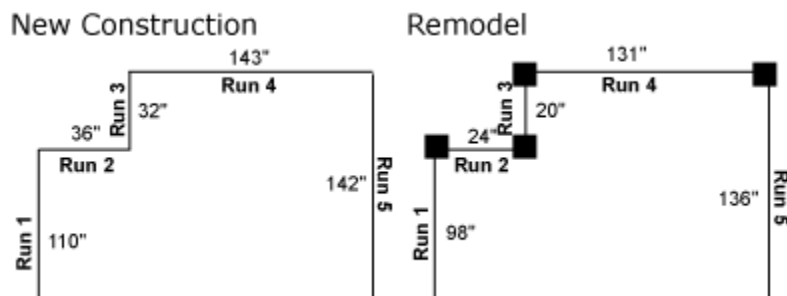


2. Enter the length of each railing section with the total length in inches.



**IMPORTANT:** Measurements should be to the outside corner for new installations and to the post or column for remodels.

3. Next, label each section of railing as a Run. You can see the example below on how to label each run.



4. Enter the data into the Project Data Chart.

New Construction				Remodel			
Run	Starting Newel	Ending Newel	Run Length	Run	Starting Newel	Ending Newel	Run Length
1	Yes	Yes	110"	1	No	No	98"
2	No	Yes	36"	2	No	No	24"
3	No	Yes	32"	3	No	No	20"
4	No	Yes	143"	4	No	No	131"
5	No	Yes	142"	5	No	No	136"

# 7" Balustrade Design Sketch Sheet

Balustrade Systems by Pacific Columns

## Project Data Chart

Run	Starting Newel	Ending Newel	Run Length	Run	Starting Newel	Ending Newel	Run Length
1				6			
2				7			
3				8			
4				9			
5				10			

## Design Request Sketch Sheet



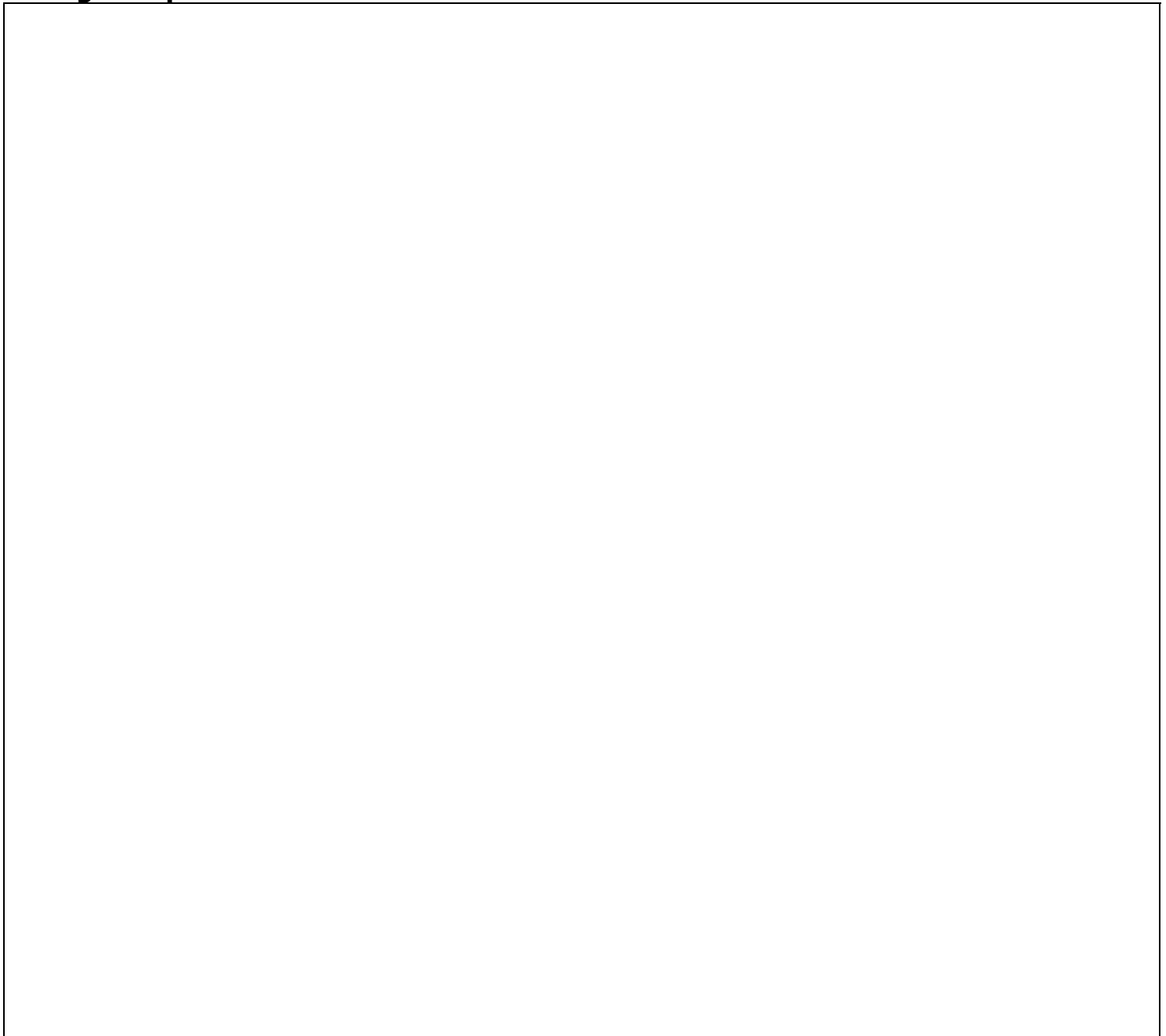
# 7" Balustrade Design Extra Sketch Sheet

Balustrade Systems by Pacific Columns

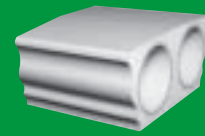
## Project Data Chart

Run	Starting Newel	Ending Newel	Run Length	Run	Starting Newel	Ending Newel	Run Length
1				6			
2				7			
3				8			
4				9			
5				10			

## Design Request Sketch Sheet







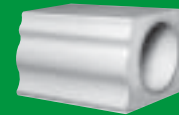
Top Rail



Baluster



Porch Post



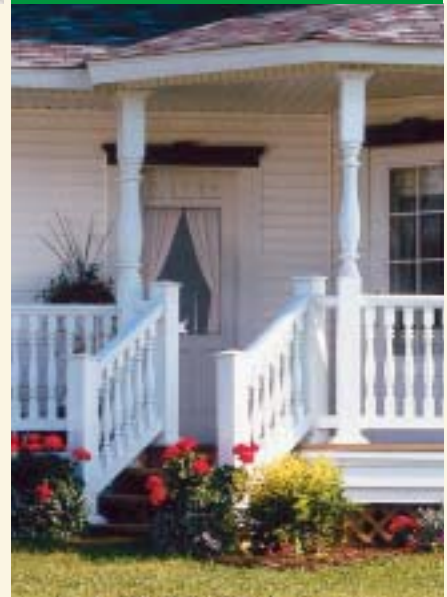
Bottom Rail



Newel Post

## DEFINE YOUR BOUNDARIES.

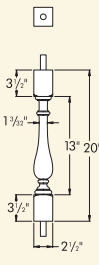
This design accent is excellent for defining living space, indoors and out. With Pacific Columns Balustrade Systems, you can transform an ordinary porch into an impressive statement of design and sophistication. You can also make patios, balconies and stairways more inviting with the distinctive styles and sizes available. Balustrades are made up of non-corrosive parts that keep their beauty with little maintenance. Most fasteners remain totally hidden to provide a clean, classic appearance from any view. And all parts are composed of the same durable urethane material featured in all our products. To meet structural requirements, baluster rails, newels and porch posts are reinforced. For easy installation and ordering, complete systems are available with all the essential components.



# HOW TO ORDER BALUSTRADE SYSTEMS.

## SAMPLE CHART

**5" Balustrade System  
Baluster - Classic (CC)**

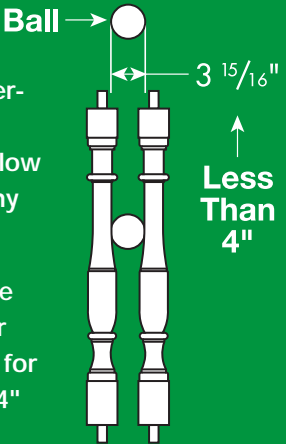



**BAL3X20CC**

Part Number	Maximum Center-to-Center Distance To Meet 4" Rule. <small>(See Page 2 BL For Details)</small>
<b>NEW</b> BAL3X20CC	5"

**The 4" Ball Space Requirement Rule—**

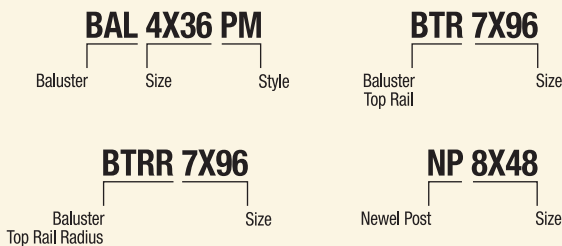
gives you the *maximum* center-to-center distance between Balusters and still does not allow a 4" Ball to pass through at any point between the Balusters.



When laying out Balusters, use the maximum center to center dimension or smaller to allow for a safe dimension to pass the 4" ball space requirement rule.

## KEY POINTS TO REMEMBER

- This Balustrade section/catalog is divided into four systems: 5", 6", 7" & 12". This number designates the width of the Top and Bottom Rail. When choosing balustrade components, choose items within the same system to ensure they will all work together.
- All part numbers are alphanumeric—the "alpha" is product descriptive and the "numeric" relates to size.



- The number of Balusters you need can be found by dividing the rail span, in inches, by the maximum center-to-center distance shown for the Baluster style that you choose. **NOTE: When dividing gives you a fractional result, always round up to the next whole number.**

Example: BAL3X20CC - requires 5" on center spacing

**Rail Span ÷ Center Spacing = # of Balusters Needed**

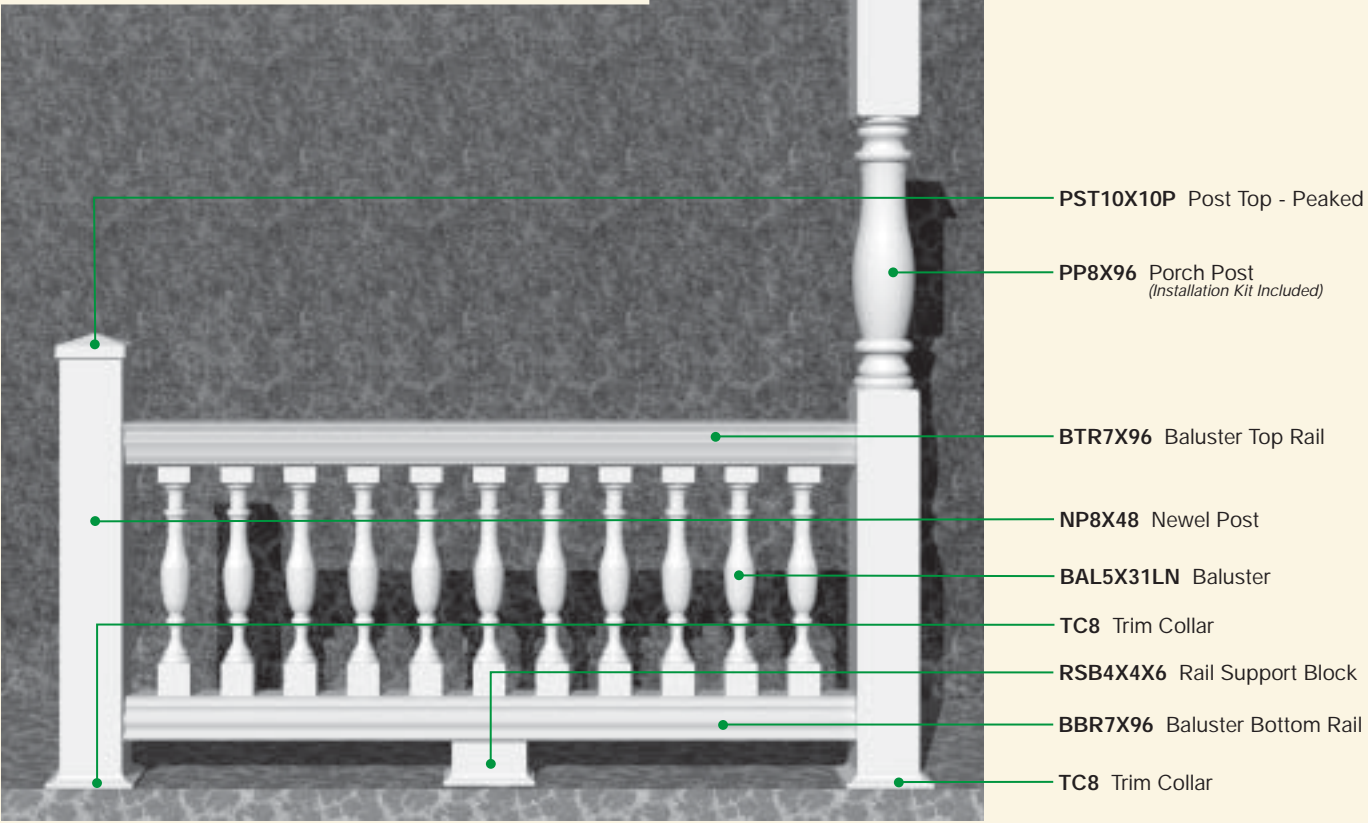
$$96" \div 5" = 20$$

- Each rail section (span between two Newel Posts) will require two Rail Installation Kits (BRK). Rail Installation Kits will connect both ends of one rail to a Newel Post. **NOTE: The Rail Installation Kit will not work on stair applications.**
- Each Newel Post will require one Newel Post Installation Kit (NPK) to anchor the base of the post, as well as any Post Tops, Balls or Trim Collars desired.
- Top and Bottom Rails do not come pre-drilled.
- A urethane-based adhesive such as PL Premium must be used on all joints.
- For installation instructions, refer to the back of the comprehensive, full-line product catalog or visit [www.pacificcolumns.com](http://www.pacificcolumns.com).
- Balustrade Systems may require additional shipping time, depending on the style of product and size of order.
- Pacific Columns Balustrade Systems have been tested and meet the following BOCA National Building Code/1993 Criteria if assembled according to manufacturer's guidelines.
  - 1615.8.2 Guard Design and Construction
  - 1615.8.2.1 In-Fill Areas





# 7" BALUSTRADE SYSTEM



TC8 Trim Collar

PST10X10P Post Top - Peaked

PP8X96 Porch Post  
*(Installation Kit Included)*

BTR7X96 Baluster Top Rail

NP8X48 Newel Post

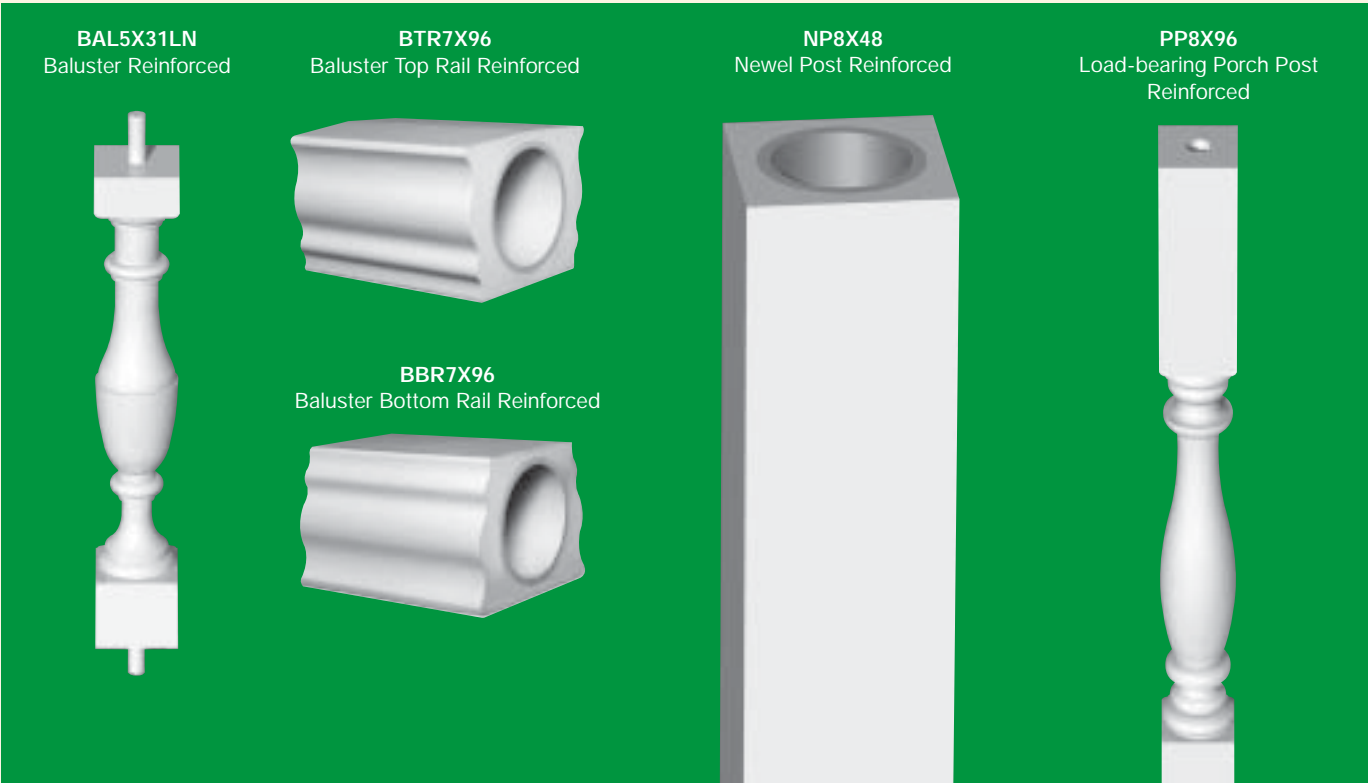
BAL5X31LN Baluster

TC8 Trim Collar

RSB4X4X6 Rail Support Block

BBR7X96 Baluster Bottom Rail

TC8 Trim Collar



**BAL5X31LN**  
Baluster Reinforced

**BTR7X96**  
Baluster Top Rail Reinforced

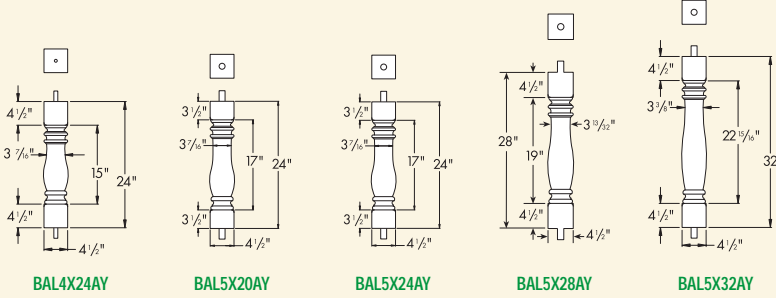
**NP8X48**  
Newel Post Reinforced

**PP8X96**  
Load-bearing Porch Post Reinforced

**BBR7X96**  
Baluster Bottom Rail Reinforced



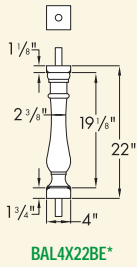
7" Balustrade System  
Baluster - Ashley (AY)



Part Number      Maximum Center-to-Center Distance To Meet 4" Rule.  
(See Page 2 BL For Details)

<b>NEW</b> BAL4X24AY	7 3/8"	
<b>NEW</b> BAL5X20AY	7 7/8"	
<b>NEW</b> BAL5X24AY	7 3/8"	
<b>NEW</b> BAL5X28AY	7 5/16"	
<b>NEW</b> BAL5X32AY	7 5/16"	

7" Balustrade System  
Baluster - Beaumont (BE)

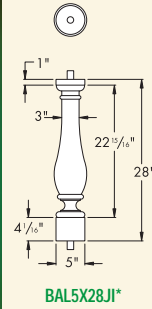


Part Number      Maximum Center-to-Center Distance To Meet 4" Rule.  
(See Page 2 BL For Details)

<b>NEW</b> BAL4X22BE*	6 5/16"	
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\*Cannot be used for stair applications.

7" Balustrade System  
Baluster - Jillian (JI)

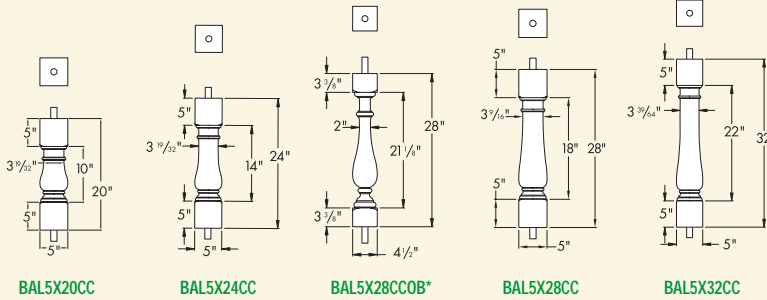


Part Number      Maximum Center-to-Center Distance To Meet 4" Rule.  
(See Page 2 BL For Details)

<b>NEW</b> BAL5X28JI*	6 15/16"	
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\*Cannot be used for stair applications.

## 7" Balustrade System Baluster - Classic (CC)

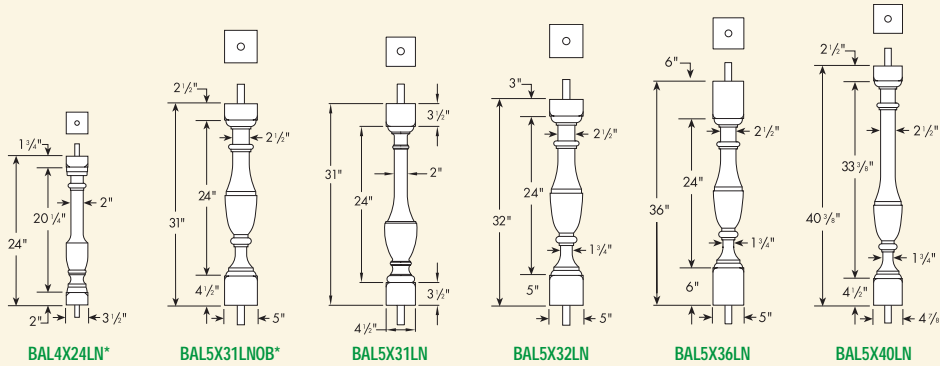


Part Number      Maximum Center-to-Center Distance To Meet 4" Rule.  
(See Page 2 BL For Details)

<b>NEW</b> BAL5X20CC	7 5/8"	
<b>NEW</b> BAL5X24CC	7 1/2"	
BAL5X28CCOB*	5 15/16"	
<b>NEW</b> BAL5X28CC	7 1/2"	
<b>NEW</b> BAL5X32CC	7 9/16"	

\*Cannot be used for stair applications.

## 7" Balustrade System Baluster - Logan (LN)

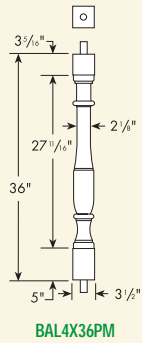


Part Number      Maximum Center-to-Center Distance To Meet 4" Rule.  
(See Page 2 BL For Details)

BAL4X24LN*	5 15/16"	
BAL5X31LNQB*	6 7/16"	
<b>NEW</b> BAL5X31LN	6 7/16"	
BAL5X32LN	6 7/16"	
BAL5X36LN	6 15/16"	
BAL5X40LN	6 7/16"	

\*Cannot be used for stair applications.

7" Balustrade System  
Baluster - Piedmont (PM)



BAL4X36PM

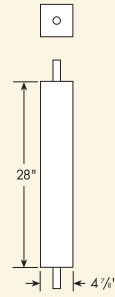
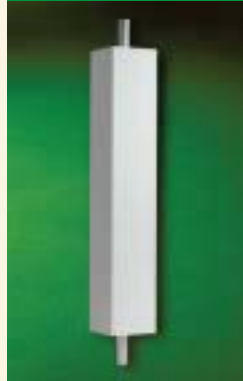
Part Number

Maximum Center-to-Center Distance To Meet 4" Rule.  
(See Page 2 BL For Details)

BAL4X36PM

6 1/16"

7" Balustrade System  
Baluster - Square (SQ)



BAL5X28SQ

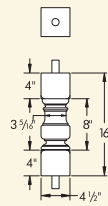
Part Number

Maximum Center-to-Center Distance To Meet 4" Rule.  
(See Page 2 BL For Details)

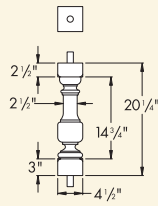
**NEW** BAL5X28SQ

8 13/16"

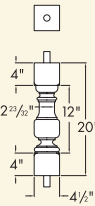
7" Balustrade System  
Baluster - Rosedale (RL)



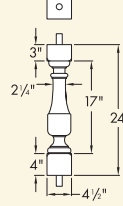
BAL5X16RL



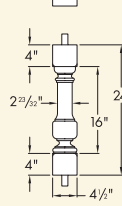
BAL5X20RLOB\*



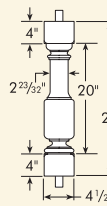
BAL5X20RL



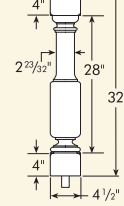
BAL5X24RLOB\*



BAL5X24RL



BAL5X28RL



BAL5X32RL

Part Number

Maximum Center-to-Center Distance To Meet 4" Rule.  
(See Page 2 BL For Details)

**NEW** BAL5X16RL

7 7/32"

BAL5X20RLOB\*

6 7/16"

**NEW** BAL5X20RL

6 5/8"

BAL5X24RLOB\*

6 3/16"

**NEW** BAL5X24RL

6 5/8"

**NEW** BAL5X28RL

6 5/8"

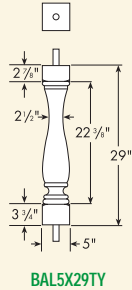
**NEW** BAL5X32RL

6 5/8"

\*Cannot be used for stair applications.



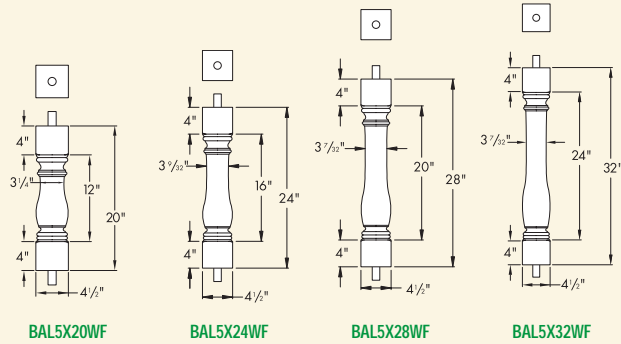
7" Balustrade System  
Baluster - Trinity (TY)



BAL5X29TY

Part Number	Maximum Center-to-Center Distance To Meet 4" Rule. <i>(See Page 2 BL For Details)</i>	
BAL5X29TY	6 7/16"	

7" Balustrade System  
Baluster - Woodruff (WF)



BAL5X20WF

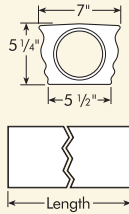
BAL5X24WF

BAL5X28WF

BAL5X32WF

Part Number	Maximum Center-to-Center Distance To Meet 4" Rule. <i>(See Page 2 BL For Details)</i>	
<b>NEW</b> BAL5X20WF	7 3/16"	
<b>NEW</b> BAL5X24WF	7 3/8"	
<b>NEW</b> BAL5X28WF	7 3/16"	
<b>NEW</b> BAL5X32WF	7 3/16"	

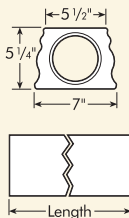
## 7" Balustrade System Top Rail



Part Number	Length	Baluster Rail Installation Kit* <small>(See Installation Guide Page 34)</small>
<b>BTR7X96</b>	96"	BRK6-7
<b>BTR7X120</b>	120"	BRK6-7
<b>BTR7X144</b>	144"	BRK6-7

\*Connects both ends of one 7" Rail to applications.  
May be used for corner or butt connections into NP8X48 or PP8X96.  
(2 qty.) 4" wide x 1 1/2" x 2" Angle Brackets.  
(8 qty.) #14 x 2 1/2" Stainless Steel Flat Head Screws.

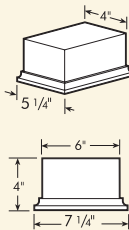
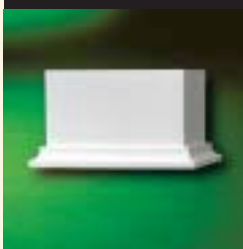
## 7" Balustrade System Bottom Rail



Part Number	Length	Baluster Rail Installation Kit* <small>(See Installation Guide Page 34)</small>	Rail Support Block <small>(See Below)</small>
<b>BBR7X96</b>	96"	BRK6-7	RSB4X4X6
<b>BBR7X120</b>	120"	BRK6-7	RSB4X4X6
<b>BBR7X144</b>	144"	BRK6-7	RSB4X4X6

\*Connects both ends of one 7" Rail to applications.  
May be used for corner or butt connections into NP8X48 or PP8X96.  
(2 qty.) 4" wide x 1 1/2" x 2" Angle Brackets.  
(8 qty.) #14 x 2 1/2" Stainless Steel Flat Head Screws.

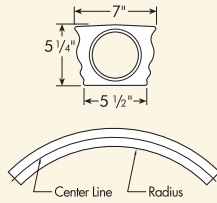
## 7" Balustrade System Rail Support Block



Part Number
<b>RSB4X4X6</b>

Rail Support Blocks should be placed under the Bottom Rail at a span of every 48" or less. These blocks can be trimmed for height.

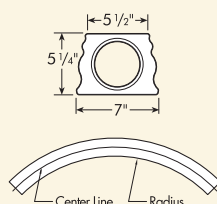
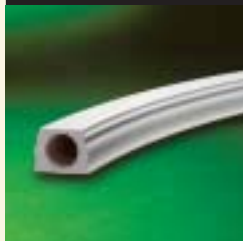
## 7" Balustrade System Baluster Top Rail Radius



Part Number	Radius	Center Line Length	Baluster Rail Installation Kit* (See Installation Guide Page 34)
<b>NEW</b> BTRR7X24	24"	75" (1/2 Circle)	BRK6-7
BTRR7X58	57 1/2"	96" (1/4 Circle)	BRK6-7
BTRR7X63	63"	99" (1/4 Circle)	BRK6-7
<b>NEW</b> BTRR7X75	74 3/4"	125" (1/4 Circle)	BRK6-7
BTRR7X80	80"	100" (1/5 Circle)	BRK6-7
BTRR7X96	96"	120" (1/5 Circle)	BRK6-7
BTRR7X108	108"	85" (1/8 Circle)	BRK6-7
BTRR7X125	125 1/4"	98" (1/8 Circle)	BRK6-7
<b>NEW</b> BTRR7X126	125 1/2"	98" (1/8 Circle)	BRK6-7
<b>NEW</b> BTRR7X138	138 1/2"	74" (1/12 Circle)	BRK6-7
BTRR7X158	158"	123" (1/8 Circle)	BRK6-7
<b>NEW</b> BTRR7X173	173 1/2"	109" (1/10 Circle)	BRK6-7
<b>NEW</b> BTRR7X210	210"	120" (1/11 Circle)	BRK6-7
BTRR7X271	271"	96" (1/16 Circle)	BRK6-7
<b>NEW</b> BTRR7X297	296 5/8"	147" (1/13 Circle)	BRK6-7

\*Connects both ends of one 7" Rail to applications.  
May be used for corner or butt connections into NP8X48 or PP8X96.  
(2 qty.) 4" wide x 1 1/2" x 2" Angle Brackets.  
(8 qty.) #14 x 2 1/2" Stainless Steel Flat Head Screws.

## 7" Balustrade System Baluster Bottom Rail Radius

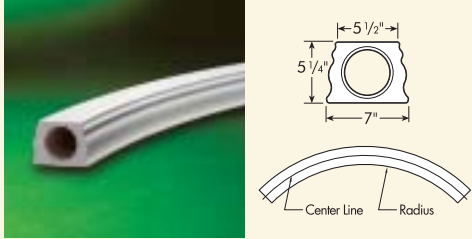


Part Number	Radius	Center Line Length	Baluster Rail Installation Kit* (See Installation Guide Page 34)	Rail Support Block (Page 21 BL)
<b>NEW</b> BBRR7X24	24"	75" (1/2 Circle)	BRK6-7	RSB4X4X6
BBRR7X58	57 1/2"	96" (1/4 Circle)	BRK6-7	RSB4X4X6
BBRR7X63	63"	99" (1/4 Circle)	BRK6-7	RSB4X4X6
<b>NEW</b> BBRR7X75	74 3/4"	125" (1/4 Circle)	BRK6-7	RSB4X4X6
BBRR7X80	80"	100" (1/5 Circle)	BRK6-7	RSB4X4X6
BBRR7X96	96"	120" (1/5 Circle)	BRK6-7	RSB4X4X6
BBRR7X108	108"	85" (1/8 Circle)	BRK6-7	RSB4X4X6

CHART CONTINUED ON FOLLOWING PAGE.



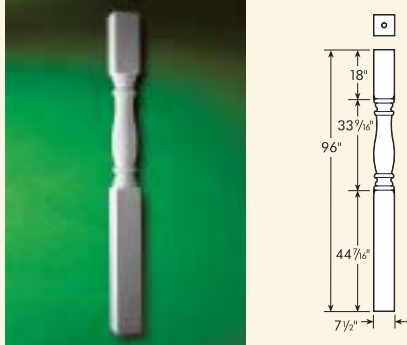
## 7" Balustrade System Baluster Bottom Rail Radius (continued)

	Part Number	Radius	Center Line Length	Baluster Rail Installation Kit* (See Installation Guide Page 34)	Rail Support Block (Page 21 BL)
	BRRR7X125	125 1/4"	98" (1/8 Circle)	BRK6-7	RSB4X4X6
	<b>NEW</b> BRRR7X126	125 1/2"	98" (1/8 Circle)	BRK6-7	RSB4X4X6
	<b>NEW</b> BRRR7X138	138 1/2"	74" (1/12 Circle)	BRK6-7	RSB4X4X6
	BRRR7X158	158"	123" (1/8 Circle)	BRK6-7	RSB4X4X6
	<b>NEW</b> BRRR7X173	173 1/2"	109" (1/10 Circle)	BRK6-7	RSB4X4X6
	<b>NEW</b> BRRR7X210	210"	120" (1/11 Circle)	BRK6-7	RSB4X4X6
	BRRR7X271	271"	96" (1/16 Circle)	BRK6-7	RSB4X4X6
	<b>NEW</b> BRRR7X297	296 5/8"	147" (1/13 Circle)	BRK6-7	RSB4X4X6

\*Connects both ends of one 7" Rail to applications.  
 May be used for corner or butt connections into NP8X48 or PP8X96.  
 (2 qty.) 4" wide x 1 1/2" x 2" Angle Brackets.  
 (8 qty.) #14 x 2 1/2" Stainless Steel Flat Head Screws.

## 7" Balustrade System Porch Post

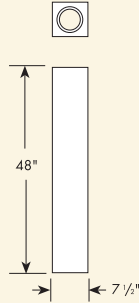
Post is load bearing and reinforced.\*

	Part Number	Porch Post Installation Kit** (See Installation Guide Page 34)	Load Rating/Dead Load
	<b>PP8X96</b>	PPK8	3000#
	<p>Note: PPK8 included with this Porch Post.</p>		

\*Porch Post can be field trimmed to various heights without losing load rating.  
 \*\*Hardware included to secure one PP8X96.  
 (2 qty.) Column Mounting Plates.  
 (4 qty.) #14 x 2" Stainless Steel Sheet Metal Screws.  
 Fasteners to mount angle brackets to floor surface not provided.  
 Trim Collar must be ordered separate.

## 7" Balustrade System Newel Post

One piece Post reinforced, height trimable.



Part Number

Newel Post Installation Kit\*  
(See Installation Guide Page 34)

NP8X48

NPK8

\*Hardware included to secure one NP8X48.

(2 qty.) 3/8" - 16 Hex Nuts.

(2 qty.) 3/8" - Lock Washers.

(2 qty.) 3/8" - Flat Washers.

(1 qty.) 1/4" x 6 1/2" Diameter Steel Top Mounting Plate.

(2 qty.) 3/8" x 50" Threaded Rods.

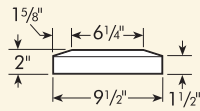
(1 qty.) 1/4" x 3 1/2" x 3 1/2" Octagon Steel Base Plate.

Fasteners to mount Steel Base Plate to floor surface not provided.

## 7" Balustrade System Newel Post Accessories

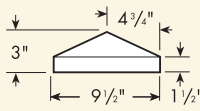
Part Number

Coordinating Newel Post Accessories



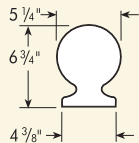
PST10X10F  
Post Top - Flat

B5X7



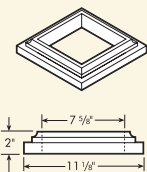
PST10X10P  
Post Top - Peaked

—



B5X7  
Ball

PST10X10F



TC8  
Base Trim Collar

—

## FEATURES AND BENEFITS

- Make porches, patios, balconies and stairways more elegant and inviting.
- Variety of styles and sizes define both indoor and outdoor spaces.
- Complete systems are available.
- Most non-corrosive fasteners are concealed.
- Structurally reinforced, tough and durable.



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