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# SAVANNAH LEVEL RAILING INSTRUCTIONS

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STOP!

CHECK ALL LOCAL BUILDING CODES BEFORE YOU BEGIN!

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NOTE: IF INSTALLING LED LIGHTING REFER TO PREFERREDRAILINGSYSTEMS.COM

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Video at <http://preferredrailingsystems.com/>

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## 1 Gather necessary tools before installation (check box)

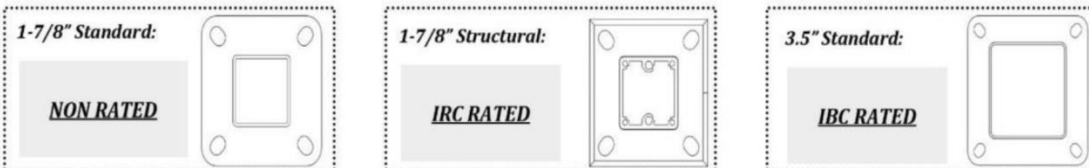
- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Pencil                   | <input type="checkbox"/> Miter saw          | <input type="checkbox"/> #2 Phillips bit |
| <input type="checkbox"/> Tape measure             | <input type="checkbox"/> Right angle driver | <input type="checkbox"/> Clamps          |
| <input type="checkbox"/> Level                    | <input type="checkbox"/> #1 Square bit      | <input type="checkbox"/> Speed square    |
| <input type="checkbox"/> Cordless drill or impact | <input type="checkbox"/> #2 Square bit      |  |

Manufacturer Recommends:

- Bracket Placement Template (provided with order)
- Impact Ready Right Angle

All posts above 1-story must be an **IRC OR IBC** code rated post

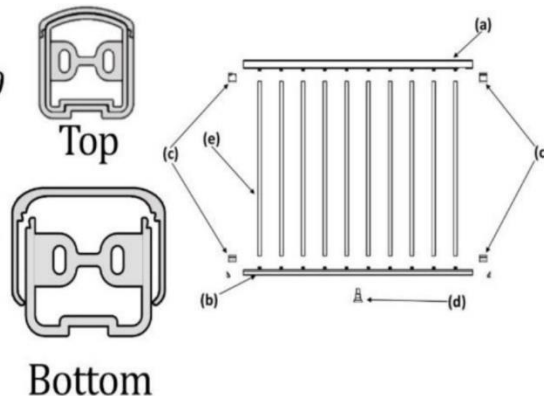
## 2 Make sure the correct posts are being used



Be aware that **RESIDENTIAL** level posts are 39" while **COMMERCIAL** level posts are 45"

## 3 Make sure the following components are included (check box)

- 1 - Top level rail w/ baluster connectors (a)
- 1 - Bottom level rail w/ baluster connectors (b)
- 2 - Level Bracket Kits (c)
- 1 - Rail support w/ baluster (6' & 8' sections only) (d)
- Balusters (10 for 4', 15 for 6', and 21 for 8') (e)
- 4 - Painted Self Drilling Screws
- 8 - Non-Painted Self Drilling Screws
- 6 - Non Painted Self Drilling Screws



#### 4 Aluminum Post Installation

- Determine location of all posts prior to installing deck boards.
- Add blocking where necessary to support proper post installation.
- Insert the composite shims included with your posts under the post base, using a level to make sure your posts are plumb.
- If using standard lag bolts, first pre-drill your holes, and then using 2 1/2" lag bolts with washers fasten all hardware through the decking and into the framing structure or blocking to hold it in place.
- Cut or break off the shims.

**Manufacturer Tip:**

Use Power lags to avoid having to pre-drill holes for a faster and smoother install

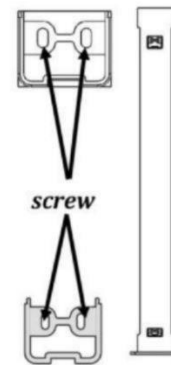
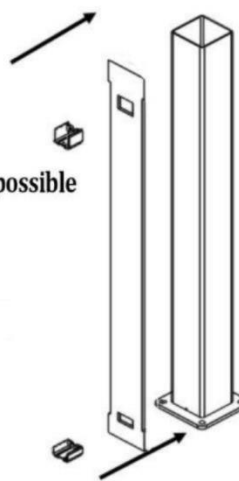


#### 5 Bracket Placement

- Locate Bracket Placement Template provided with your rail kit order
- Clamp Bracket Template to the post as flush as possible
- Position the saddles into the template
- Use the provided non-painted self-drilling screws #8 x 3/4 MILL Pan Head Self drilling.

**Manufacturer Tip:**

This railing series can be used with 1-7/8" or 3.5" posts. Ensure the correct template is being used



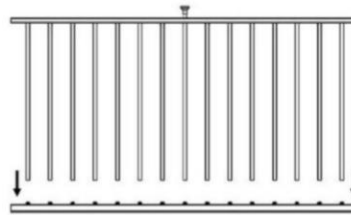
#### 6 Measure & Cut Aluminum Rails

- Lay your bottom rail on the deck centered between two posts.
- Mark a line where the post is on both sides of the rail
- Measure back 1/2" from the first line and mark a cut line on both ends.
- Lay the top rail beside the bottom rail and line up the baluster connectors.
- Using the cut line from your bottom rail, mark a cut line on your top rail.
- Use a miter saw and cut the lines you have marked.



## 7 Railing Assembly

- Lay down a protective blanket or cardboard to protect the rail and place the top rail upside down.
- We suggest clamping the top rail to the deck or a work bench to keep it stable.
- Install the balusters on each of the baluster connectors, making sure they are tight against the rail. Use a rubber mallet if needed to tap them in place.
- Install the bottom rail, making sure all of the balusters line up. Use a rubber mallet to tap the rail onto the balusters.
- Attach the rail support baluster (if needed) to the bottom rail and tap on with a rubber mallet.



## 8 Attach Railing to Posts

- Remove the clamps and flip the railing over.
- Peel back the plastic protective cover from the top rail 3" - 4" on both ends.
- Place railing section onto the attached bracket saddles secured to the post
- Pop-on the top cap, use a rubber mallet if needed.
- Using the provided hardware, secure the top and bottom brackets to the railing. (see below)
- Now pop on bottom cap onto bottom bracket, use rubber mallet if needed
- Adjust the rail support baluster(s) to brace the railing and use the supplied hardware to hold it in place.
- Locate and install the 2 piece base trim(s) onto the base of the posts using the supplied hardware.
- Push post caps onto posts to complete railing assembly

**Manufacturer Tip:**  
Place a bead of caulk on top of the top & bottom rail where the bracket cap will rest to better secure the caps

