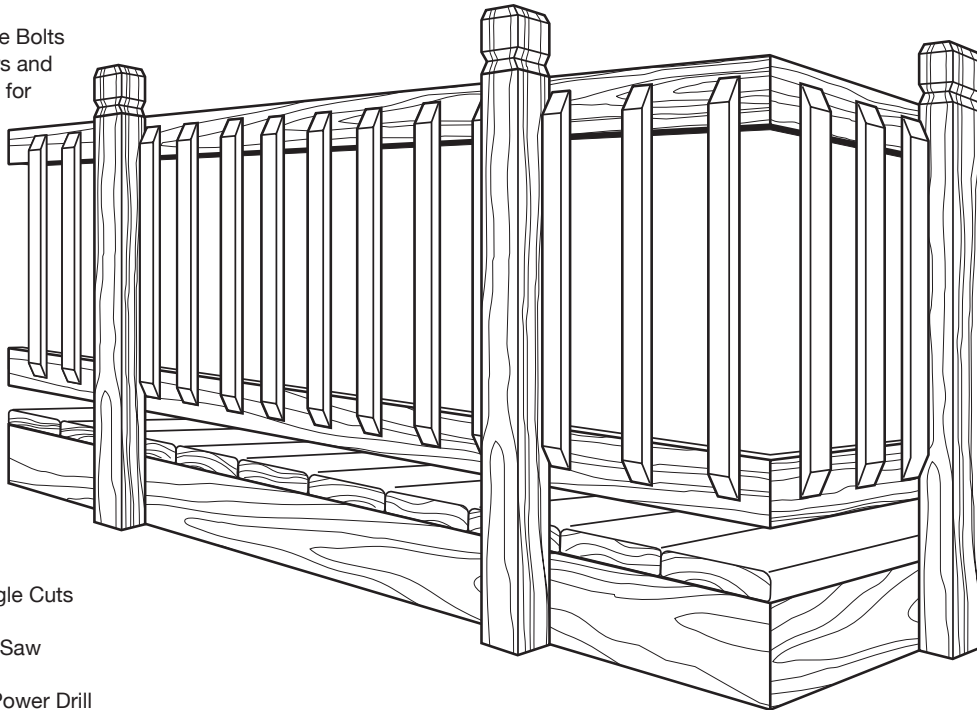


SIDE RAIL SYSTEM

With ProWood® Professional Grade pressure-treated lumber, balusters and pre-cut posts, you can easily build a durable deck or porch that will enhance your yard.

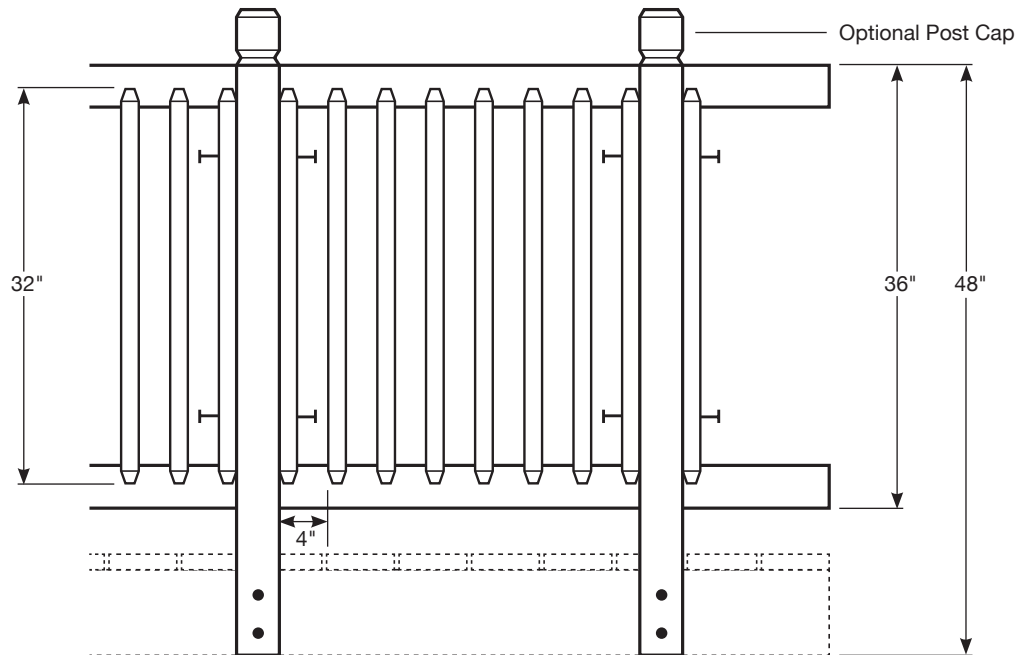
Materials

- 4" x 4" x 4' ProWood® Pressure-Treated Pre-Cut Posts
- 2" x 4" x 8' ProWood® Pressure-Treated Lumber
- 2" x 6" x 8' ProWood® Pressure-Treated Lumber
- 2" x 2" x 36" ProWood® Pressure-Treated Balusters or 2" x 2" x 8' ProWood® Pressure-Treated Lumber
- Post Caps (Optional)
- One Box of 3" Galvanized Deck Screws
- Two 1/2" Carriage Bolts with Two Washers and One Nut per Bolt for Each Post



Basic Tools

- Miter Box for Angle Cuts
- 45-Degree Angle
- Circular or Table Saw
- Drill and Drill Bit
- Screwdriver (or Power Drill with Screwdriving Bit)
- Adjustable or Ratchet Wrench
- Tape Measure



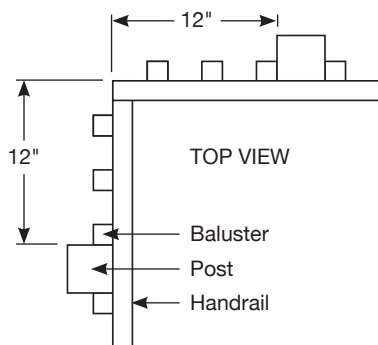
Position Posts

Caution: Always wear gloves, a dust mask and eye protection when sawing, sanding or machining wood.

- Determine the positions of the rail posts by measuring the runs of the project and placing the posts at the desired spacing.
- Keep in mind rails come in 8' lengths.

Attach Posts

- Consult local building codes for structural post fastening requirements.
- Attach the first pre-cut rail post to deck perimeter joists 18" or closer to the end of the deck. Ideal distance from end of deck is 12". Refer to the illustration below.
- Attach the remaining pre-cut rail posts to deck joists at the spacing you determined. Use two 1/2" carriage bolts with two washers and one nut per bolt for best results.



Attach Rails

- Attach 2" x 4" rails to the posts with 3" deck screws.

Cut and Install Balusters

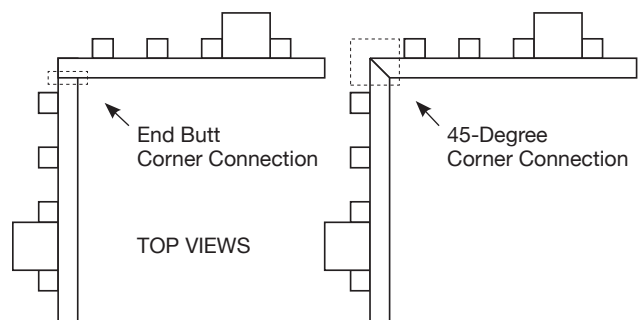
- Cut balusters approximately 32" long using 2" x 2" x 8' or 2" x 2" x 36" ProWood® pressure treated lumber. If balusters 36" or longer are used, extend baluster onto rim joist.
- Install balusters between rail posts, as illustrated, making sure a baluster is butted against both sides of each post for added stability and prevention of racking.
- Check local building codes to ensure proper spacing.

Form Corners

- Form corners by connecting the handrails either by butting the ends of the rails against each other or by cutting each rail at a 45-degree mitre. Refer to either of the two illustrations below.

Install Optional Post Caps

- Add an attractive finishing touch to the deck posts by installing optional post caps.



This brochure is for illustration purposes only. Use of this product must be in accordance with all local zoning and/or building codes. Consumer assumes all risks and liability associated with the use of this product. For details on safe handling, go to UFPI.com/ptinfo. Warrantor does not provide any warranty, either express or implied, and shall not be liable for any damages, including consequential damages. 7094 07/13