

Method of Operation

I have a very small basement shop so I organize my routing, sanding and painting operations to suit the available space and minimize equipment setups. I routed the frame profiles in the longer stock and then cut the components to their final length followed by sanding in preparation for paint. The balusters need to be cut to their final length before routing the stopped chamfer detail. I prefer to paint the individual components before assembly then touch them up as required after installation. This allows me to get full paint coverage, including end grain and prime all surfaces to minimize cupping.

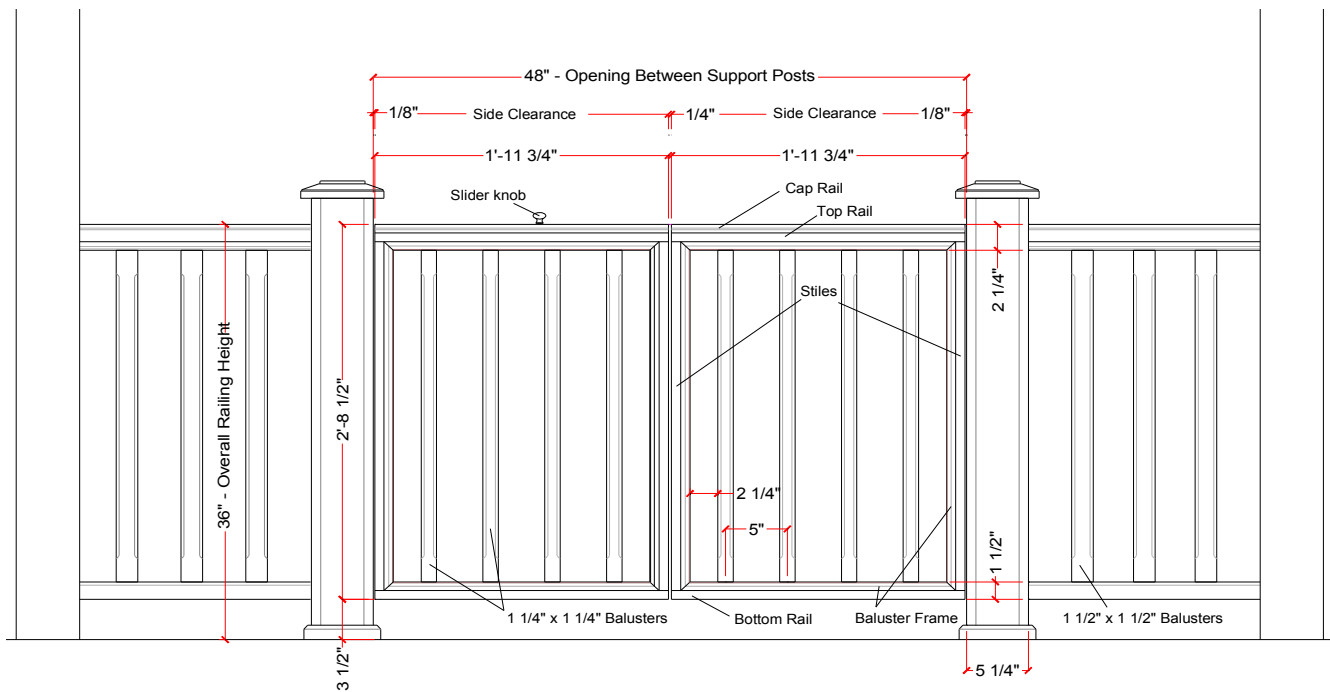


Fig. 2 – Gate components and dimensions.

Preparing the stock

The components of the gate are slightly different widths both for aesthetic and practical reasons. Rip some 3/4" stock to each of the following widths.

2 3/8" (14 ft*) - Balluster frames

2 1/2" (14 ft*) - Outer frames

2 3/4" (4 ft*) - Cap rails

**NOTE: The dimensions on the drawings are for gates to fit a 48" wide opening with a 36"high railing - the gate widths and height may need to be adjusted to suit your particular situation.*

Tools Required:

- Table saw
- Table-Mounted router
- Router bits:
 - Ogee
 - 3/8 beading
 - 45 degree chamfering
 - 3/4" straight bit

Look for these companion Stonehaven Porch Details plans.

How to Build Traditional Porch Railings

Stonehaven Plan #SHE-1101

These detailed plans will guide you through the rewarding process of crafting your own sturdy and beautiful wooden railings and cladding structural posts.

The subtle and easy-to-make details create interesting shadows and highlights that will add a warmth of character that you won't achieve with most commercially available products.



How to Build Deck Skirting and Lattice Panels

Stonehaven Plan #SHE-1103

Add the finishing touch to your project with a deck skirt, drip rail and lattice panels.

The screened lattice panels prevent wasps and other insects from nesting under your deck. And the attached heavy duty landscape fabric will keep the weeds from taking over.



Soffit and Ceiling Trim Ideas

Stonehaven Plan #SHE-1104

Close in the structural components in an attractive manner by facing structural beams with plywood and adding finish trim.

A simple treatment to give your veranda that professionally finished look.

