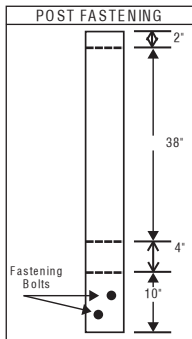


Safety

- Follow safe practices when using tools during the installation process.
- Review and comply with all applicable local, state and federal laws and building codes.
- Pre-drill all post, baluster and rail assembly holes.
- Maximum span of Hand Rail is 72" between centers of each posts.
- Foot blocks are required for spans greater than 3'.
- For all attachments, use 2-1/2" stainless steel or ACQ approved deck screws. **Do Not Use Nails.**

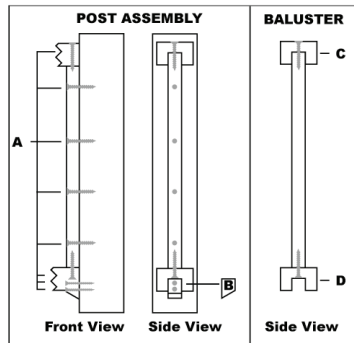
Post Installation



A. Optional: Post above the rail

B. Maximum space from bottom of rail to deck

C. Area for fastening post to the deck joists (9" minimum)



A) 2-1/2" stainless steel or ceramic screws. The top screw used to attach the baluster to the post should be spaced no more than 2" from the bottom of the hand rail.

B) Baluster block (side view) - attach block with two screws.

C) Top Rail - install screws through the top of the hand rail into the baluster.

D) Bottom Rail - install screws through the bottom of the hand rail into the baluster.

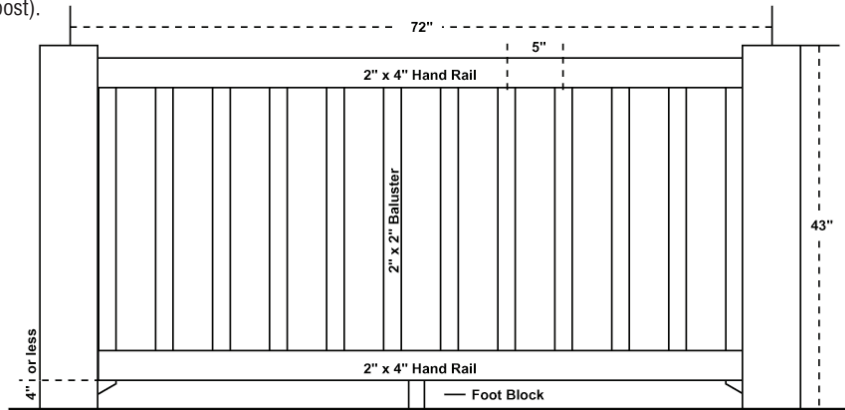
Rail Installation

Step 1: Determine height of rail and attach baluster blocks (B in illustration) in the center of the inside of the post, such that the bottom rail will rest on top of the blocks.

Step 2: Determine location for balusters on top and bottom hand rails. First and last baluster must be flush with end of the railings. Pre-drill both rails and balusters (Note: make sure to pre-drill balusters at least 1-3/4").

Step 3: Attach foot block if needed to center of bottom rail. Attach balusters to bottom rail. Repeat the process for the top rail.

Step 4: Slide assembled mid section of rail onto attached baluster blocks. Plumb the rail section and attach the first and last balusters to the post (make sure to pre-drill through both the baluster and the post).



Post Caps and Collars

Decorative post caps may be added to the post tops. Caps should be glued to the posts with an adhesive such as Liquid Nails (R) or Gorilla Glue (R). Follow product application instructions. For a more enhanced look, the post collar can be placed underneath the post cap. Glue together using the above products.

Post collars may be used to cover any gaps left in the deck boards when cutting around posts. Collars should be glued in place using the above products as well. NOTE: Collars should be installed before installing baluster blocks and rail section to posts.

