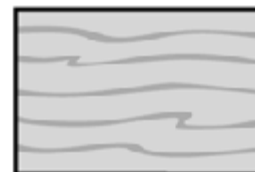


Wood Railing Frames - Construction Requirements

See [important notes](#) on the main Frame Requirements & Details page before beginning your project.

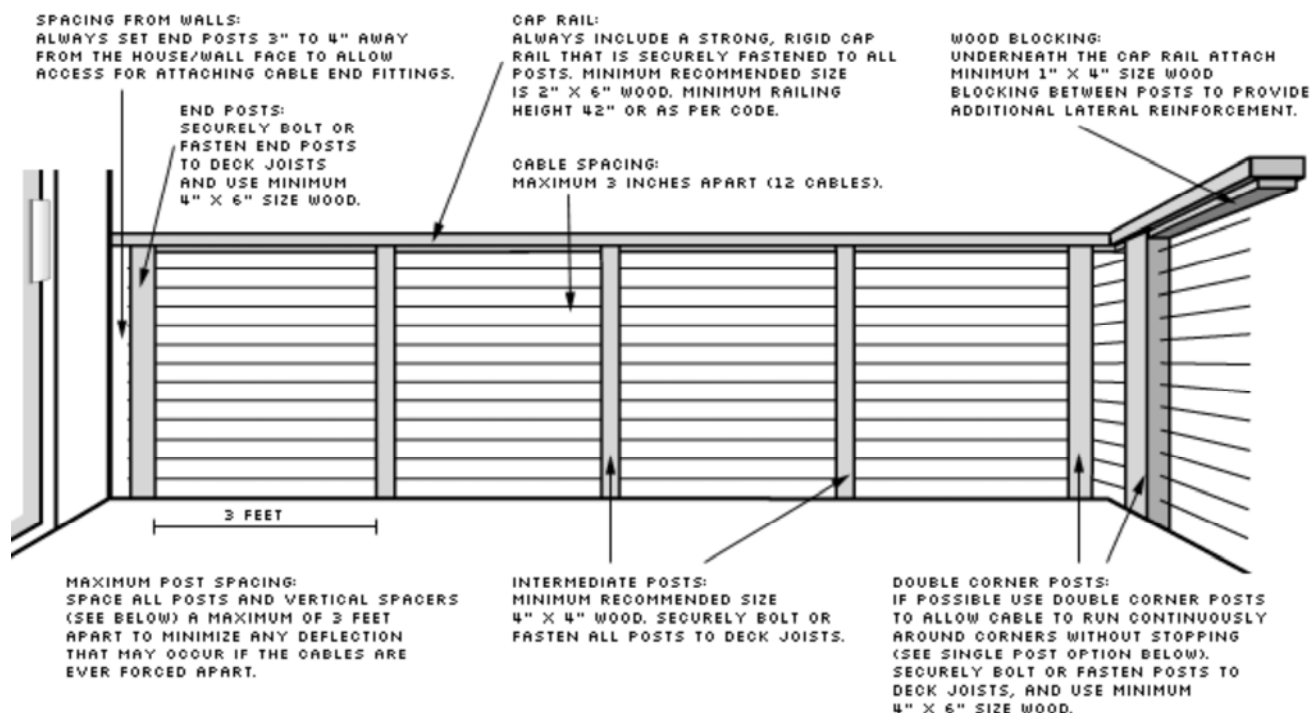
End & Corner Post Minimum Size

The end and corner posts need to be strong enough to support the full tension load of the cables; therefore, the minimum recommended size is standard 4" x 6" wood. The intermediate posts do not support any tension load and only need to be sized as necessary to support the cap rails and meet code requirements.

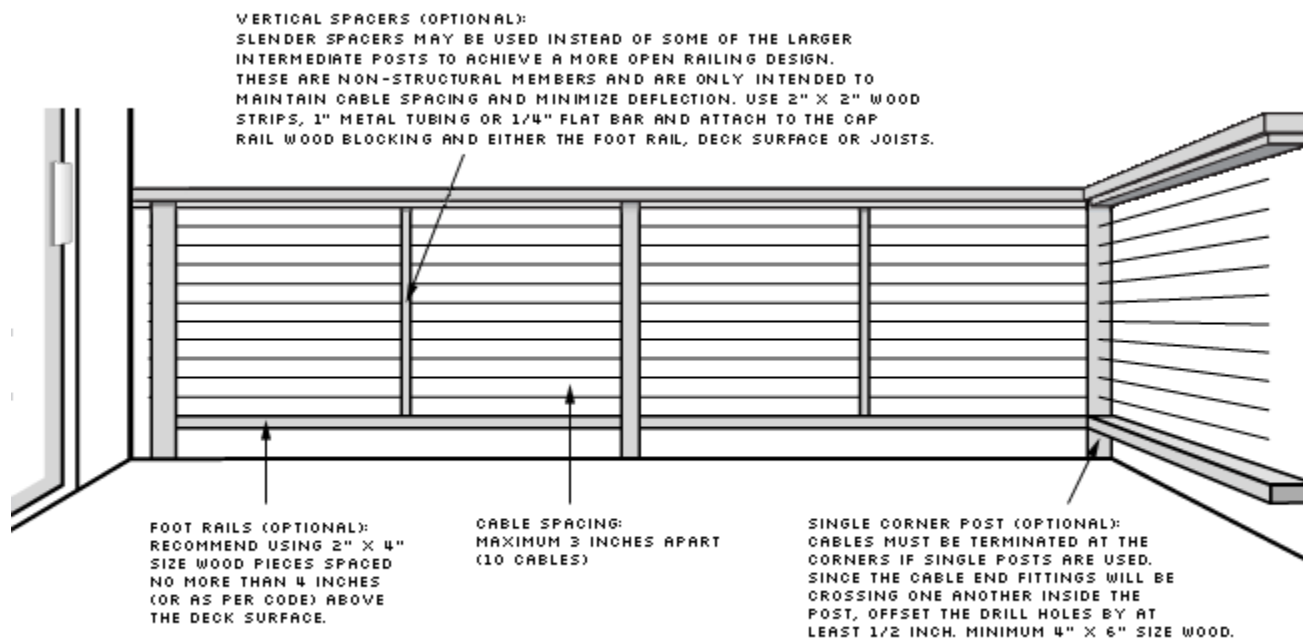


4X6 WOOD
(3-1/2" WIDE, 5-1/2" THICK)

The Basic Frame Design



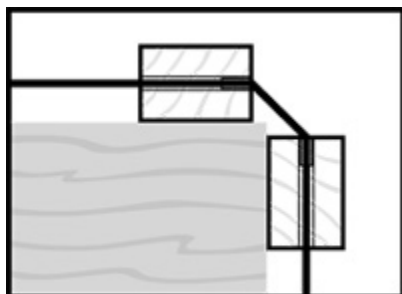
And Some Other Frame Design Options



Wood Railing Frames - The Details

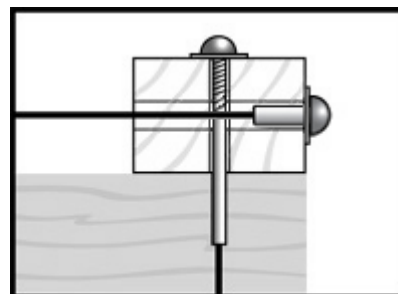
Cable assemblies are strung horizontally and may either be terminated at corner posts or run continuously through the corners. Details of these conditions are shown below:

Running Cables Continuously Through The Corners



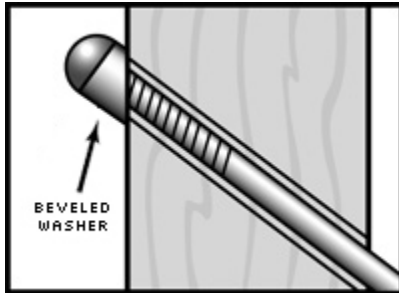
DOUBLE CORNER POSTS

Terminating Cables At Corners



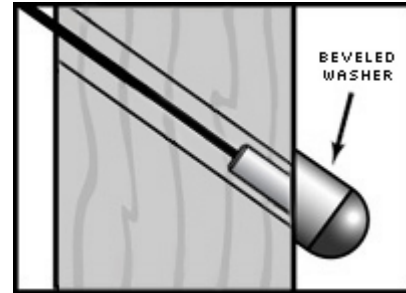
SINGLE CORNER POST -
OFFSET DRILL HOLES AT LEAST 1/2"

Stair Post Termination - Threaded Terminal Ends



Drill angled holes and use beveled washers.
Part #3799 for 1/8" or 3/16" Threaded Terminal.
Part #3792 for 1/4" Threaded Terminal.

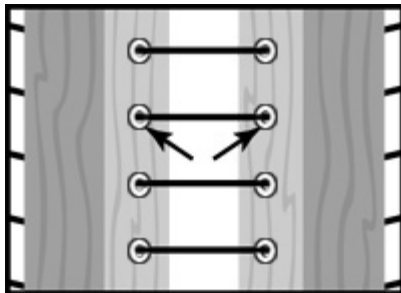
Stair Post Termination - QuickConnect-SS® Fittings



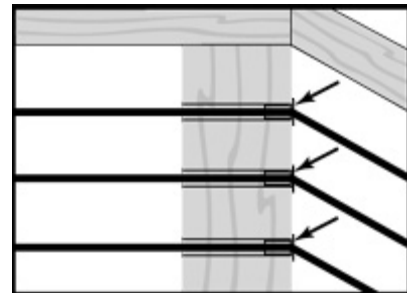
Drill angled holes and use beveled washers.
Part #3792 for 1/8" QuickConnect-SS® fitting.
Part #3798 for 3/16" QuickConnect-SS® fitting.
Part #3798 for 1/4" QuickConnect-SS® fitting.

Protector Sleeves

Insert sleeve #3210 (for 1/8" & 3/16" cable - not 1/4") in all holes where the cable enters at an angle and would have a tendency to cut into the wood (*e.g. stair transition posts or the outside faces of double corner posts*).

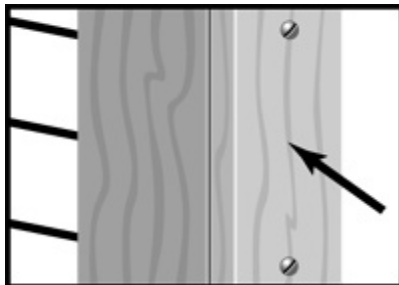


DOUBLE CORNER POSTS



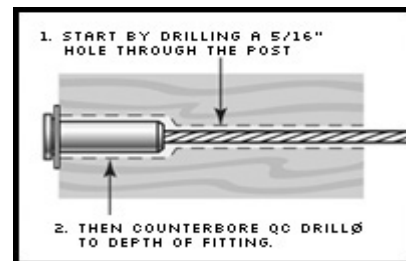
STAIR POSTS

Cover Panels



EXPOSED END FITTINGS MAY BE COVERED WITH 1" X 4" WOOD PANELS AS A FINISH DETAIL ON THE END POSTS.

Counterbore Diagram



IF DESIRED, QUICK-CONNECT® SS POSTS MAY BE THROUGH DRILLED AT 5/16 INCH AND THEN COUNTER-BORED WITH THE RECOMMENDED QUICK-CONNECT® SS DRILL TO COUNTERSINK THE FITTING.