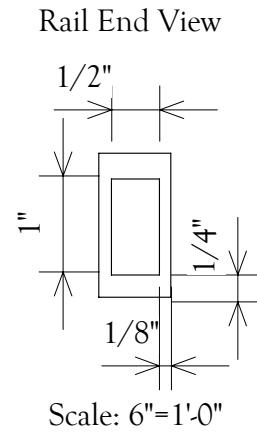
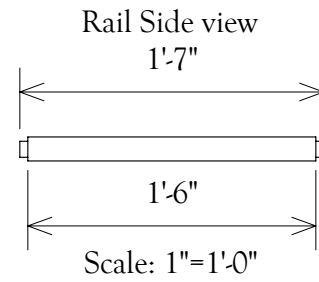


While the Head, Foot, and Bottom blanks are drying, you can start on the Rails and Stiles.

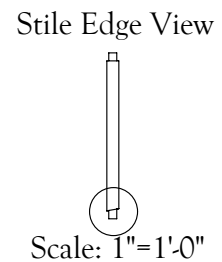
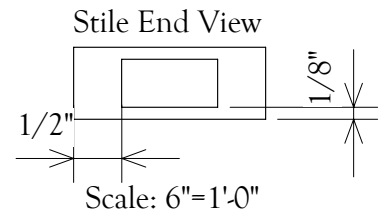
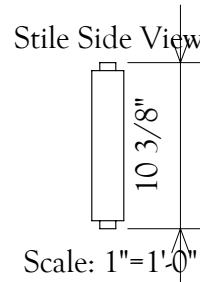
For the Rails you will need to rip some stock to 1 1/2", enough to cut two pieces at 1'-7".

After the pieces are cut you will need to make the tenons on each end, which will ultimately fit into the corresponding mortises on the Head and Foot. These tenons will measure 1" by 1/2". To accomplish this you will need to remove 1/8" from each 1 1/2" side, these are known as cheek cuts. You will need to remove 1/4" from each 3/4" side, these are known as shoulder cuts. The depth of the cheek and shoulder cuts is 1/2". These cuts can be made in any number of ways, I used a band saw, which is a very quick and easy way to do it. If you don't have a band saw they can be done on a table saw or a radial arm saw, or with a hand saw or chisel.



For the Stiles you will need to rip some stock to 2", enough to cut six pieces at 10 3/8".

The tenons on the Stiles will also measure 1" by 1/2", so while the cheek cuts remain 1/8", the shoulder cuts are 1/2".



Because the sides are at a 10 degree angle to the bottom, the cheek and shoulder cuts need to be at 10 degrees also.

Detail Bottom of Stile Edge View

