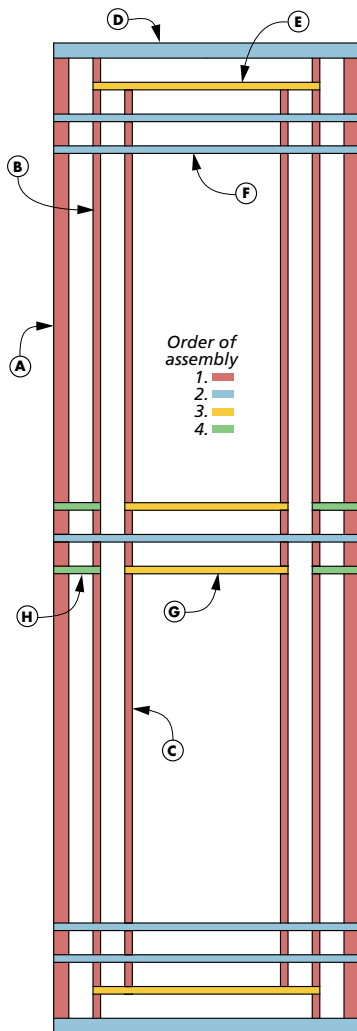


Tall Clock Door Gridwork



The grid work on the front of the tall clock is iconic for the Prairie style. It's a series of thin, narrow strips that are assembled with half laps and rabbets.

STOCK PREP. Start the grid work by planing all of the stock to thickness. Then, you can rip strips to the widths shown on the next page. Note that the rim pieces are wider than the inside framework. You can get a total count of the number of parts needed by looking at the drawing to the left.

NOTCHES FIRST. The first thing you'll need to do is notch the end of the pieces to create half laps. You can see these in Figures 1 and 2 below. Create these notches at the table saw with a dado blade buried in an auxiliary fence. Next, you can switch the

dado blade setup over to make the notches on the interior of all of the parts. Dial in the width carefully — you'll want a tight half lap joint without any slop.

Once you're happy with how the half lap fits, you can cut the notches in all of the parts. Do this with an auxiliary fence attached to the miter gauge.

ORDERED ASSEMBLY. With the parts cut, you can assemble the grid work. Here, you'll want to be careful to assemble the pieces in the order shown at left. Start by laying out the vertical pieces first. Then, glue on the horizontal rim pieces (part 'D') and horizontal bar (F). Next, you can attach the short (E) and center bars (G). Wrap up the grid work by gluing on the outside bars (H).

