

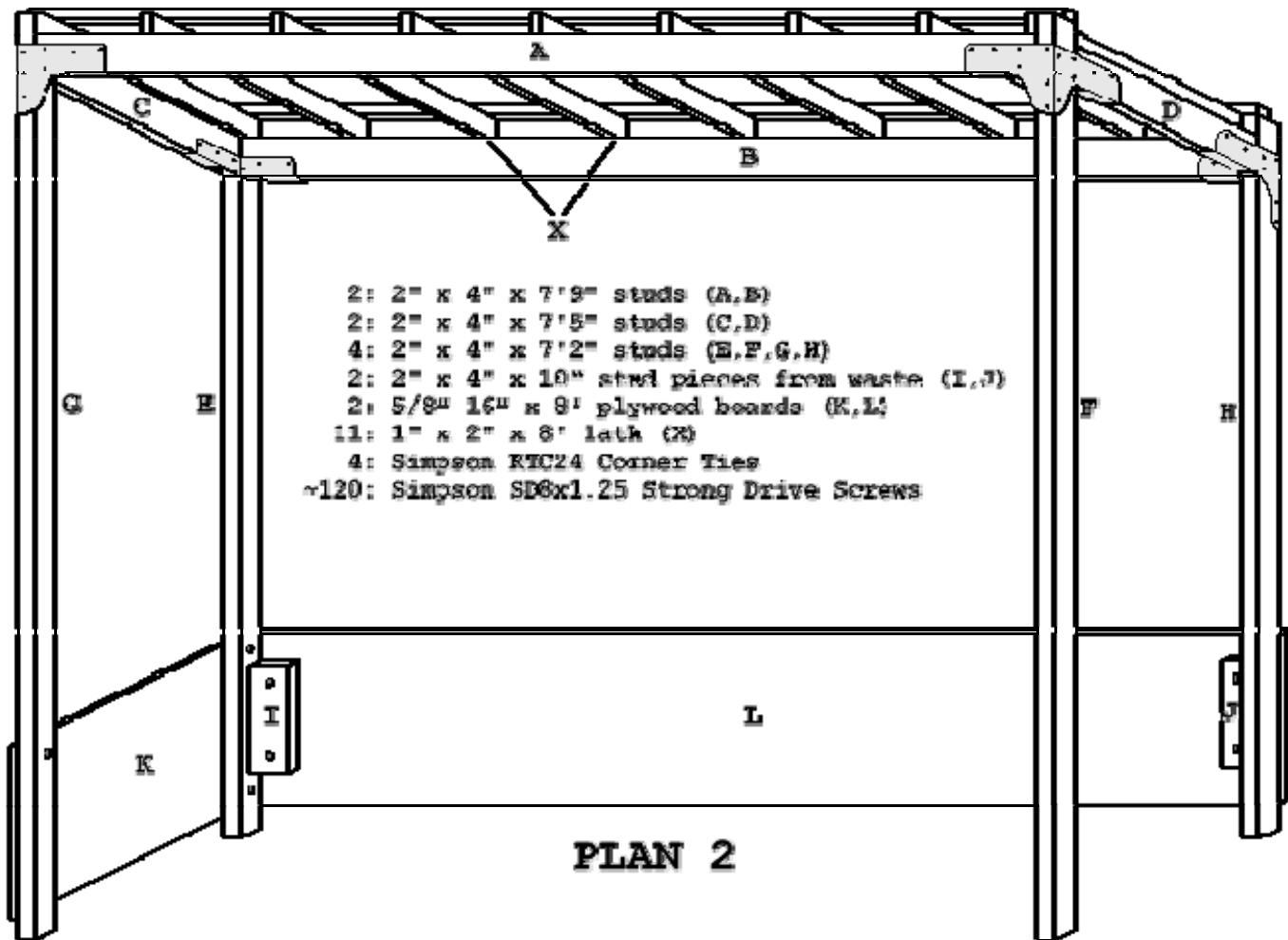
**Here's what you need for each one 8' x 8' sukkah unit (double the counts for wide sukkah):**

- 4: Simpson RTC24 Corner Ties
- 8: Simpson PF24 Post Frame Hangers
- 2: 2" x 4" x 7'9" studs (A, B)
- 2: 2" x 4" x 7'5" studs (C, D)
- 4: 2" x 4" x 7'9" studs (floor joists)
- 2: 4' x 8' x 3/4" Exterior Plywood sheets
- More Simpson screws

Duplicate the top front, rear and side rails on the bottom. In the schematic, those are studs A, B, C, and D. Place the RTG24 corner ties so that they put the rails about 2"-3" from the ground.

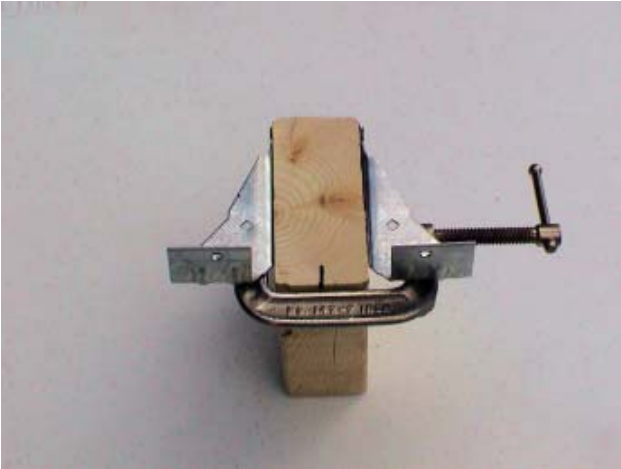
The kick panels, K, L, and M get moved up to allow room for the rails. The bottom of the panels should clear the top of the rails by about 2"-3".





**PLAN 2**

The floor joists are attached to the front and rear rails using the post frame hangers. I used a clamp and a piece of 2x4 to make a template for marking the screwhole locations. Try to place the joists at equal intervals, but the exact distances aren't critical... BUT, be Sure that the hangers for each joist line up!



Here's what the finished rails should look like:



The floor boards are made from 4 - 4'x8'x 3/4" exterior plywood sheets. I cut the sheets in half to make it easier to store and carry them, but you could use the full size sheets.

I notched the corners to fit around the vertical support posts and used the Simpson screws to fasten them to the supporting

Rails and joists (use only enough to keep the boards level at the edges so folks don't trip):



Once the sukkah was assembled, I added some wooden 4"x4" scrap blocks under the front and rear rails for added support. Here's the final result:

