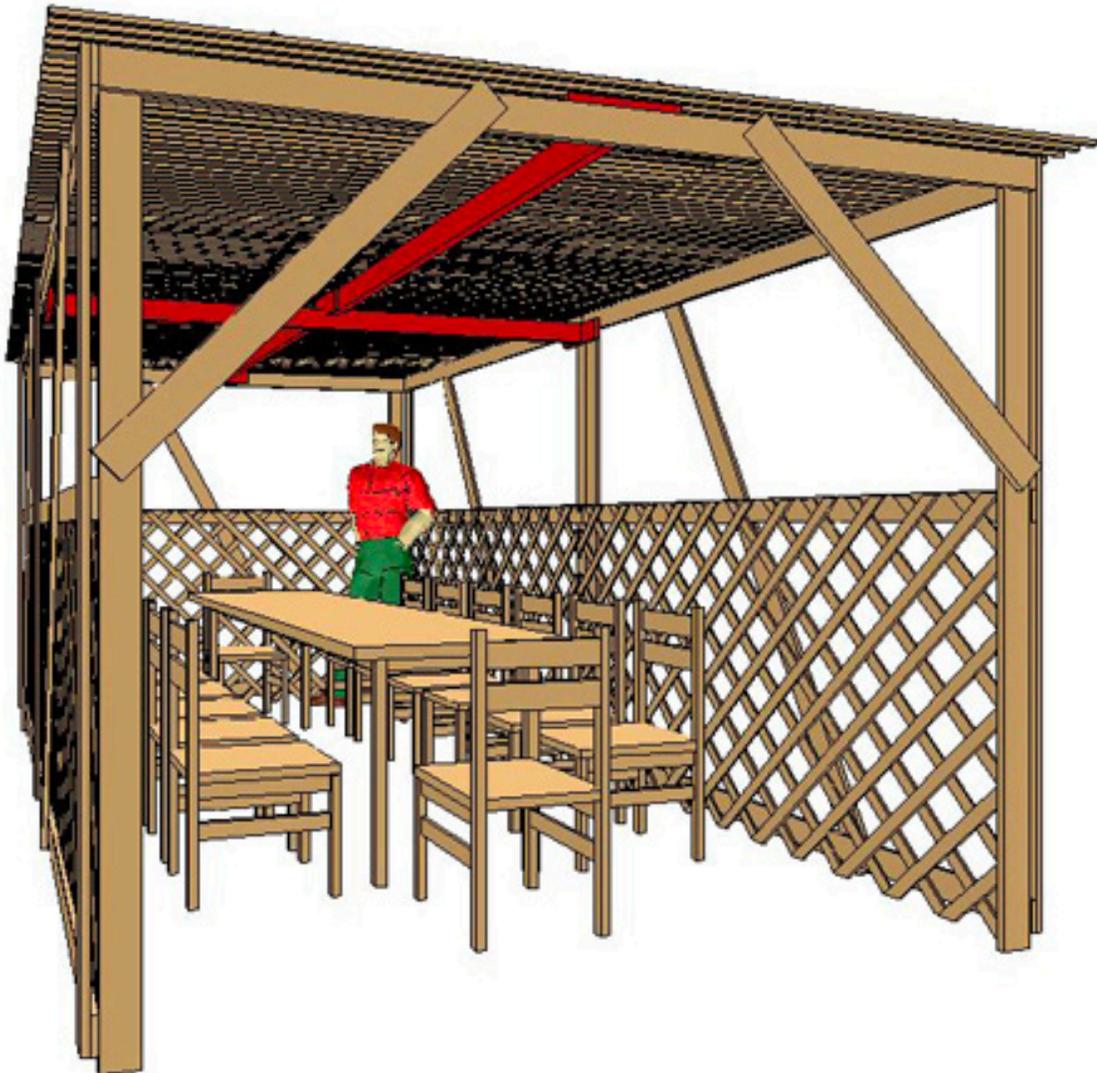


MAKING A DO IT YOURSELF SUKKAH!

There are few basic rules:

- 😊 A Sukkah must have a shade roof but you must be able to see the stars through it! So it can be flimsy. Palm leaves are a common choice for the roof. Or if you have yard clean up to do, use your hedge/tree trimmings! Otherwise, reed and bamboo rolls are also two common choices.
- 😊 A sukkah must not be installed in the shadow, not under a tree or another shade.
- 😊 The roof must be done from materials that grow from earth.
- 😊 A sukkah must have at least 3 walls, and each wall must have a minimum length of 28 inches.
- 😊 A sukkah should be joyously decorated! Use your imagination. But try to get in a few harvest theme items to spruce it up with, as Sukkot is the Fall Harvest Festival.
- 😊 Make sure to send us pictures of celebrating in your sukkah so we can share them with the TAS Family!



You can make this size or simply halve it for a more intimate gathering!

8'w X 16'L X 7'h OR 8' X 8' X 7' HIGH SUKKAH

TIME: approximately 1 1/2 hours

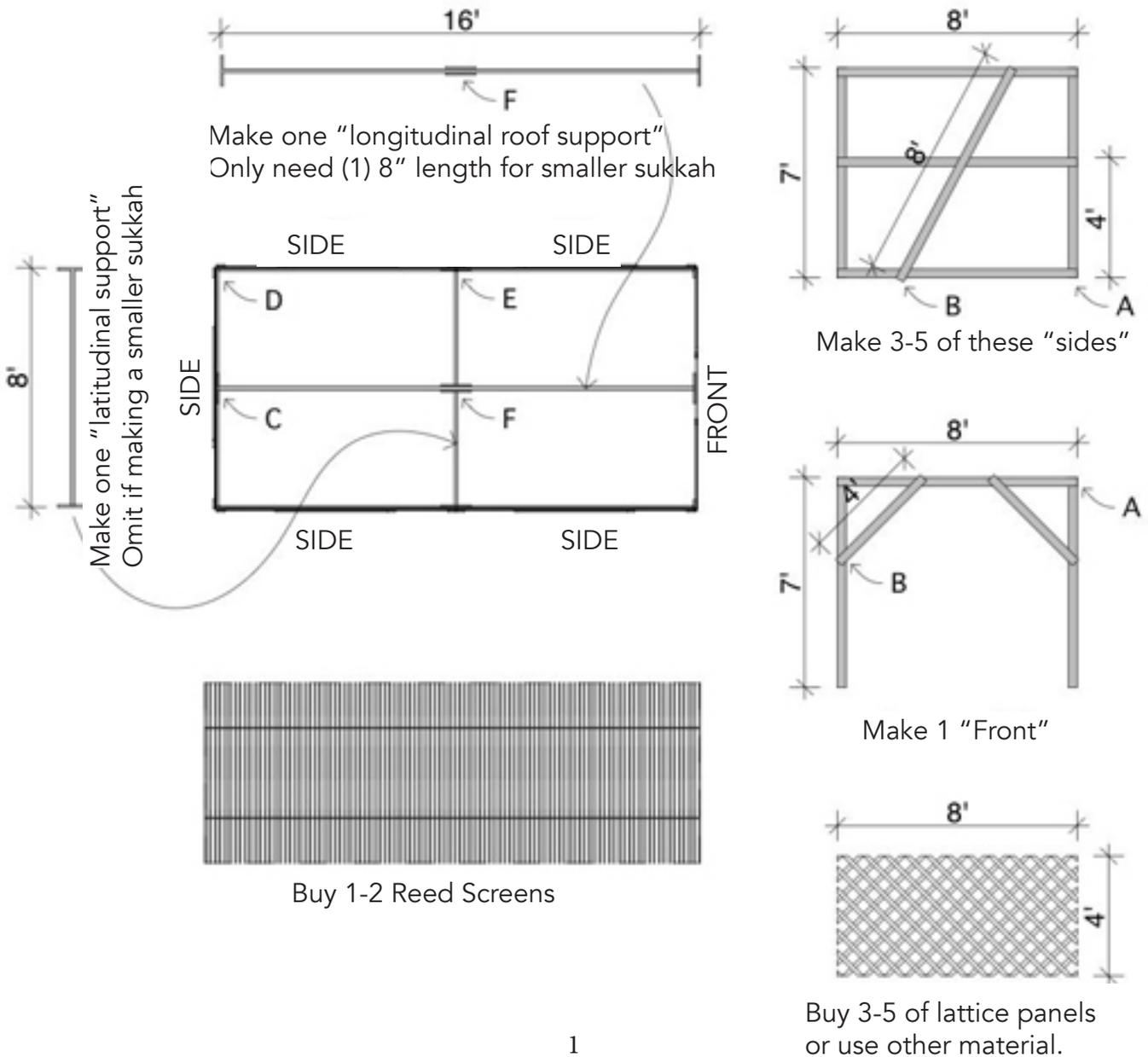
COST: approximately \$100 - \$150 including the covering.

MATERIALS:

<u>8'x16'x7'</u>	<u>8'x8'x7'</u>	
(36)	(21)	8'x1x4 (some will be cut down to 7' pieces)
(3)	(3)	8'x2x4,
(4)	(4)	2x4 joist hangers,
(1)	(1)	box of 1 1/4" exterior sheetrock screws,
(2)	(1)	rolls of 6' x 16' reed matting.
(5)	(3)	8x4 lattice panels or cloth or canvas to substitute.

TOOLS:

- Variable speed drill
- Bit for Screws should be included in the box
- Any kind of saw
- Tape measure ~ Precision is not critical in this project!



Now begin laying out a typical "side" panel of which there are 3 or 5...the "front" doorway is the only exception. Lay down (3) 8' pieces starting at the base, at the 4' mark, and at the top. Lay (2) 7' uprights on either side, overlaying and nicely lined up on top of each end of the 8-footers. If you use adjacent walls, you'll be fairly sure each frame is square...which looks nicer among other benefits. Lay (1) additional 8' piece diagonally as shown in the picture so the two ends align with the top and bottom 8-footers. Now place one screw at each of six square junctions typically marked "A" and drive them in deep because they're not coming out. Place (1) screw at the diagonal junctions at the top, bottom, and the 4' point marked "B."

It may be a good idea to have your young helper(s) hold things in place while you drive in the screws. After screwing a panel together pick it up and move and store it upright off to the side. Try to be consistent in placing the diagonal so the panels look neat.

The doorway panel is constructed without a base. Lay out (2) 7' uprights, a 8' top piece, and cut (1) 8' piece in half to provide (2) diagonal braces. Screw together.

It's time to put it all together. You will need the cutoffs, which you'll use as "splice blocks" marked as "F" to attach the panels to each other, between adjacent panels and to hold the longitudinal and latitudinal roof braces on top. Take (4) cutoffs and partially screw joist hangers to the center of each, taking care to align the bottom of the hanger with the bottom of the piece of wood. Then take (2) and place at the midpoint of the top horizontal member of the front (doorway) and back (short side) of the suk-kah marked "C." Screw all screws securely to firmly attach the cutoff with its mounted joist hanger to the top rail.



It should look like this when the 2" x 4" roof brace is later mounted in the joist hanger. It is marked "C."



Now start assembling the panels starting with the back of the sukkah opposite the doorway. You'll definitely need some extra hands for this unless you're a proficient circus juggler. Stand up the back panel with the horizontal members facing the inside of the sukkah, then stand up an adjacent long-side panel with the horizontal members facing outside the sukkah. Place a screw at the top, mid, and bottom points through the long-side panel into the short-side panel nestled neatly against it. The cutaway below shows the back or short-side panel to the left and the long-side panel to the right...note how the horizontal members are reversed, facing either inside or outside the sukkah. This is marked "D."



To attach the long-side panels to each other we will use the other (2) cutoffs with joist hangers attached. But, this time they will be mounted 3 1/2" below the top of the top horizontal member so the top of the cutoff is aligned with the bottom of the top horizontal members of the panels. Note how the cutoff acts as a splice between the adjacent vertical members. This is marked "E."



Continue with the assembly of panels until all four sides are complete and the whole is roughly rectangular, not a parallelogram. For the longer sukkah, two sets of joist hangers should be opposite each other... at the mid-points of both the short and long sides of the sukkah - otherwise, only at the back and the front. Take (1) 8' 2"x4" and if you've done everything right it should fit as is between the joist hangers on the long sides. If not, cut off a little until it does. Otherwise put one screw on each side to secure the latitudinal roof brace in place. In order to assemble the longer roof



brace you're going to scarf or splice (2) 8' 2"x4"s together. Take the remaining 8' x1"x4" and cut in half. Butt the ends of the 2"x4"s together as they lay on their sides. Lay one of the 4' 1"x4"s on top and align so that 2' overlaps one 2"x4" and 2' the other. Place at least 4 screws staggered on each side of the splice, turn the whole assembly over and repeat on the other side. Take care that you do not screw the screws through the 1x4 so tightly that you crack it. Your finished splice will look something like this, although the splice blocks you'll use will be much longer than what's shown here. This is marked "F."

Pick up and lift into place. If too long, cut a little off so it fits snugly. Finish by putting at least one screw through the joist hanger and into the brace on each side. You're almost finished! Roll out the reed matting, as a roof, down the length of the sukkah, overlapping along the longitudinal brace.

Finish the walls anyway you like! 4' x 8' lattice panels can be attached without much modification and are easy to find. Shade fabric or burlap weed cover is another idea. Old sheets will also work!



YOU'VE DONE IT! GREAT WORK!

NOW IT'S TIME TO DECORATE!

CELEBRATE OUR SEASON OF JOY!!!

ZOOM A DINNER WITH FRIENDS INSIDE!

**CONSIDER "DWELLING IN YOUR SUKKAH"
BY HAVING AN OVERNIGHT CAMP OUT!**

