

DOOR CONSTRUCTION

The door is made from reusing a used hollow-core door. Since the Hut is only about six feet tall we first need to make it much shorter. First (**fig. 11A**), following the dimensions shown in **Figure 12**, cut off the top of the door with a circular saw and straight edge. Take your time doing this. If you cut it wrong, you will need to find another door. Next, fill the cavity created by the cut (**fig. 11B**). Hollow core doors have ribs that give it strength. If the ribs in your door are made of cardboard you can push them aside to make room for a wooden plug. If they are made of wood, which is kind of rare, you may need to use a router to remove them. Measure the length and width of this opening (**fig. 11C**), carefully use a table saw to rip a 2X4 to your width, then cut to length, glue into place, and clamp overnight (**fig. 11D**).

NOTE: Before hanging the door, cut out the exposed portion of the W1 2X4 at the bottom of the door opening that sits on top of the temporary footer (see **fig. 3** on page 19). Otherwise, the door will not fit into the rough opening.



Figure 11. Step-by-step pictures of the door construction

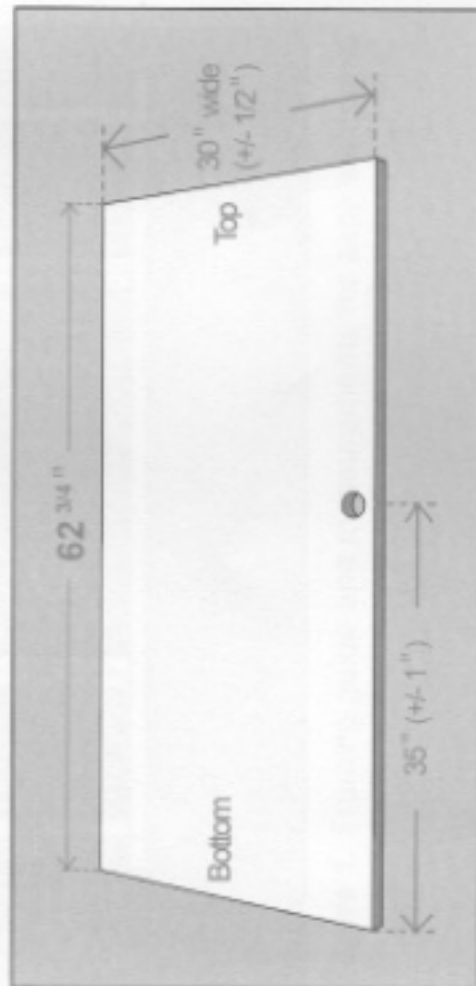


Figure 12. Dimensions of the door