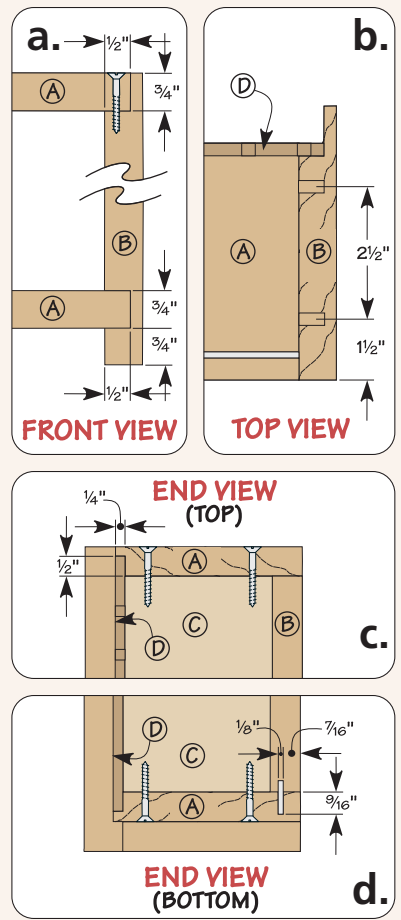
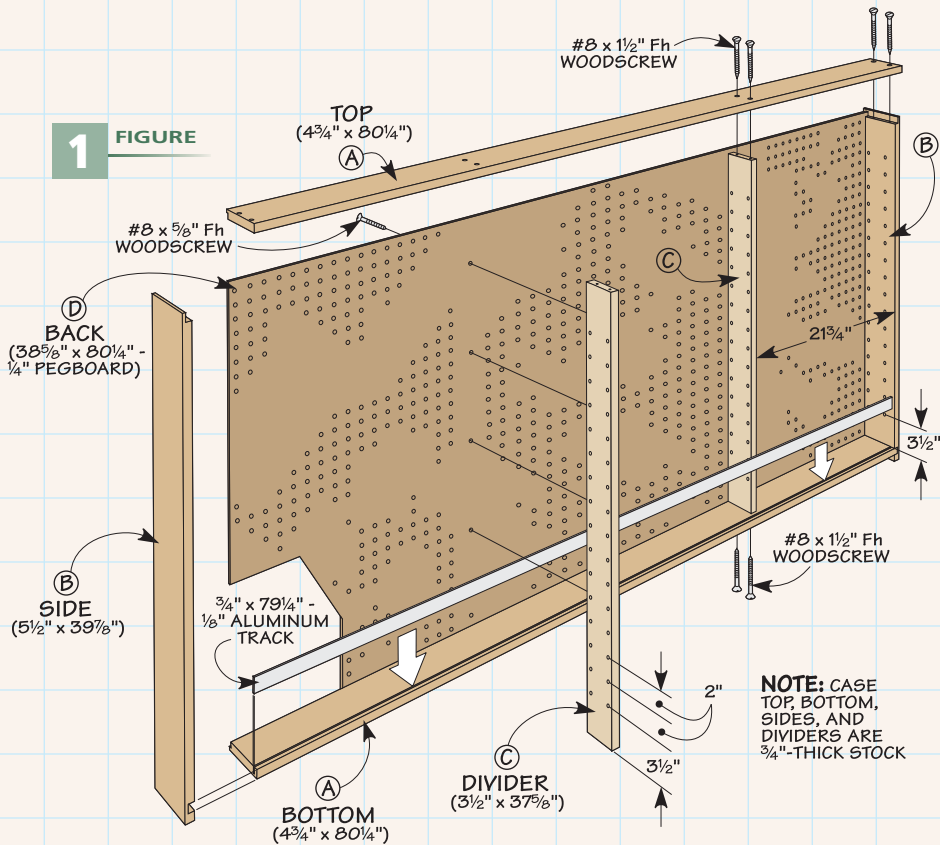


1 FIGURE



building the Case

One of the objections to pegboard that I hear over and over again is that it doesn't hold very many tools for the amount of wall space that it takes up. But this pegboard storage project is different. Instead of just a flat pegboard panel mounted to the

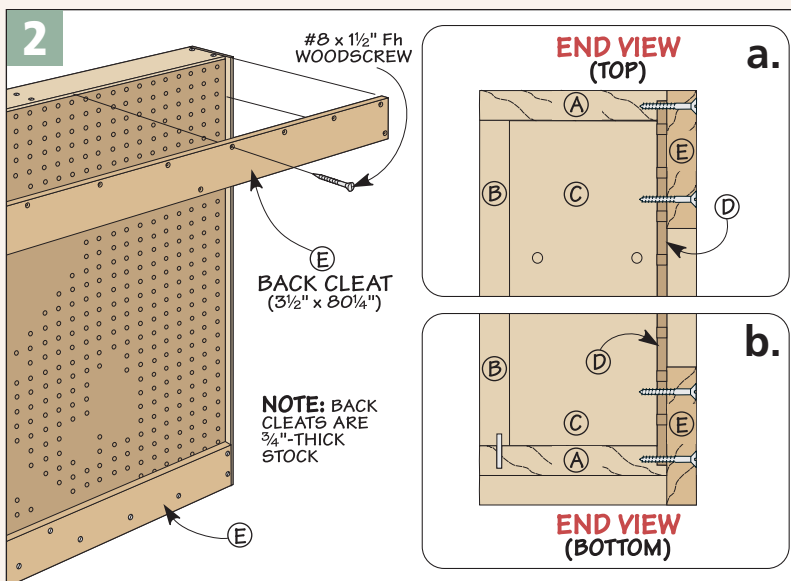
wall, this project is a shallow cabinet. The back of the cabinet is made with pegboard for hanging tools. But in front of this are a few shelves and a couple of sliding pegboard doors. So you end up with nearly double the amount of storage area without taking up any additional wall space.

Case. To build the cabinet, I started with the case. The main parts of the case — the top,

bottom, and sides — are all cut from 1x6's. If you take a look at Figure 1b, you'll notice that the sides are wider than the top and bottom of the case. This has to do with how the pegboard back and cleats are attached to the case. (I'll explain more about that later.) For now, just cut the pieces to the dimensions shown. Then cut the rabbets and dados in the sides that will hold the top and bottom of the case (Figures 1 and 1a).

The pegboard panel that will serve as the back of the case fits into a rabbeted opening. But in order to create some clearance behind the pegboard for the pegboard hooks, the back is set in about 3/4" from the wall. To do this, you'll need to make the rabbets on the sides of the case wider than the rabbets on the case top and bottom. Take a look at Figures 1b, 1c, and 1d to see what I'm talking about.

Before you can assemble the case, there are a few details to take care of. First, I drilled some holes on the inside face of the case sides for some shelf pins. Then I cut a kerf near the front edge of the case



bottom for a piece of aluminum that will be added later (Figure 1d). This will serve as the “track” for the sliding door.

Finally, I drilled some counter-sunk holes in the case top and bottom for the screws that will be used to attach the sides and dividers of the case. It’s easier to drill these holes on a drill press now, before assembling the case.

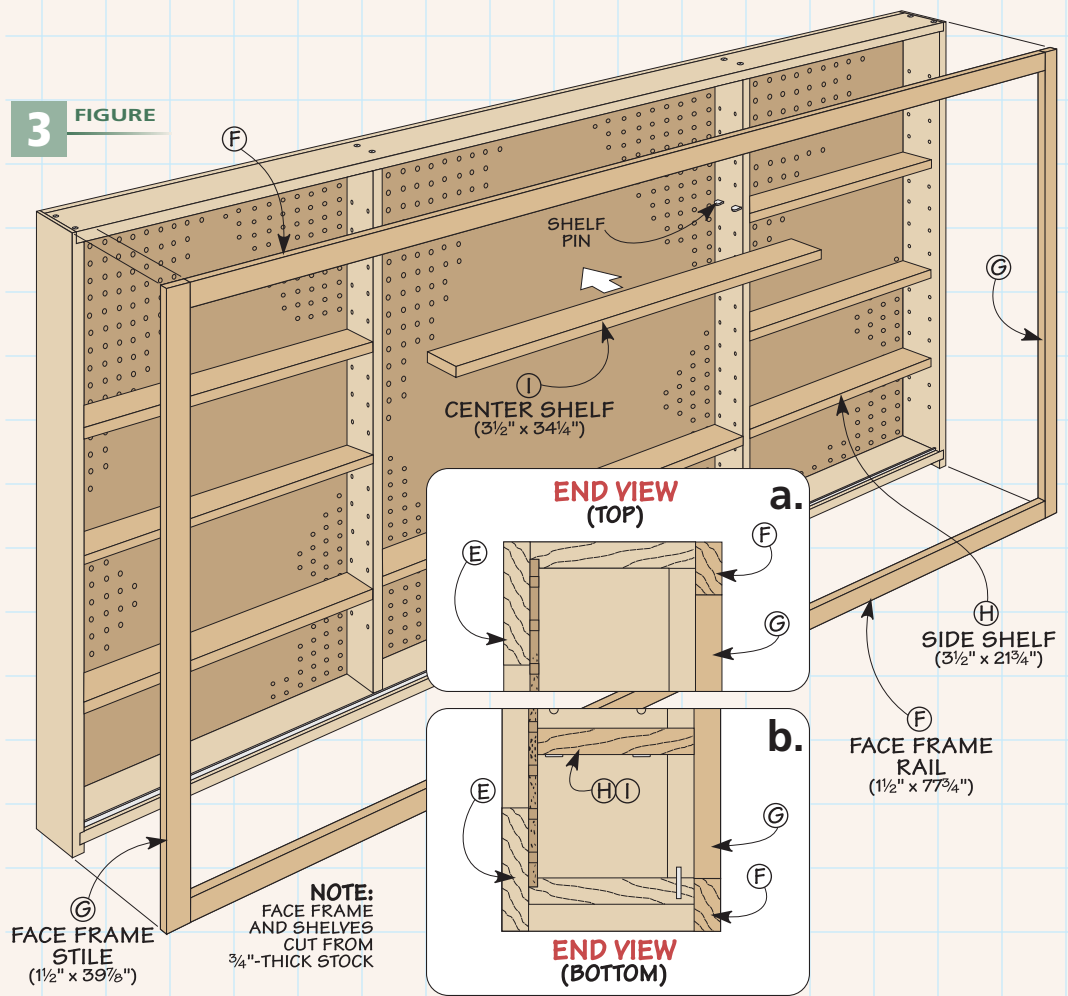
Assembly. The case is assembled with glue and some screws. Just make sure to keep the front edges of the top, bottom, and sides of the case flush as you clamp everything together.

Dividers. With the outer frame of the case complete, you can now add a couple of dividers. But before they’re glued and screwed into place, a double row of shelf pin holes is drilled in each divider, just as you see in Figure 1.

Back & Cleats. The back is just a piece of 1/4" pegboard, cut to fit in the rabbeted opening in the frame. It’s held in place with screws. Then a pair of cleats are screwed over the pegboard — one at the top and one at the bottom. These help strengthen the cabinet as well as provide support when screwing it to the wall.

With the back in place, I cut a strip of aluminum to fit in the kerf

3 FIGURE



in the bottom of the case. My strip fit snug in the kerf, but if yours is a little loose, you may want to use some epoxy to hold it in place.

Face Frame. The last two steps to complete the case are to add the face frame and shelves. The rails

and stiles for the face frame are simply cut to size and glued in place to the front edges of the case. Then the shelves are cut to width and length. If you take a look at Figure 3, you’ll notice that there are two different shelf lengths.

Buying Pegboard

Pegboard (also called perfbord) is really nothing more than hardboard with holes drilled in it. But all pegboard isn’t created equal. (Something you’ll quickly discover when you start shopping for it.)

Thickness – You can find pegboard in 1/8", 3/16", and 1/4" thicknesses. Both the 3/16" and 1/4" pegboard have 1/4"-dia. holes, but the thicker pegboard will be much stronger, making it a better choice for shop projects like the storage cabinet.

In addition to different thicknesses, there are also different

grades of pegboard. I prefer *service-tempered* pegboard. It’s harder and more durable than standard pegboard. The only trouble is finding it — you may have to go to a lumberyard or have it ordered.



▲ **Shelf Supports.** Removable shelf supports are used to support the adjustable shelves inside the pegboard storage cabinet.