

A: **the backbones**- 3/4" ply (I used furniture grade birch ply.)  
 For a few dollars a sheet more in cost it is much easier to work with, and it gave me more lumber to choose from when selecting nicely figured pieces for my visible wood (B., C. & E.) I got four backbones per sheet.

B. **the seat**- 3/4 furniture grade birch ply with a 1 x 2 maple frame. You could just edge band the lumber and not need the frame if you choose your hinges (and plan) properly (see F.).

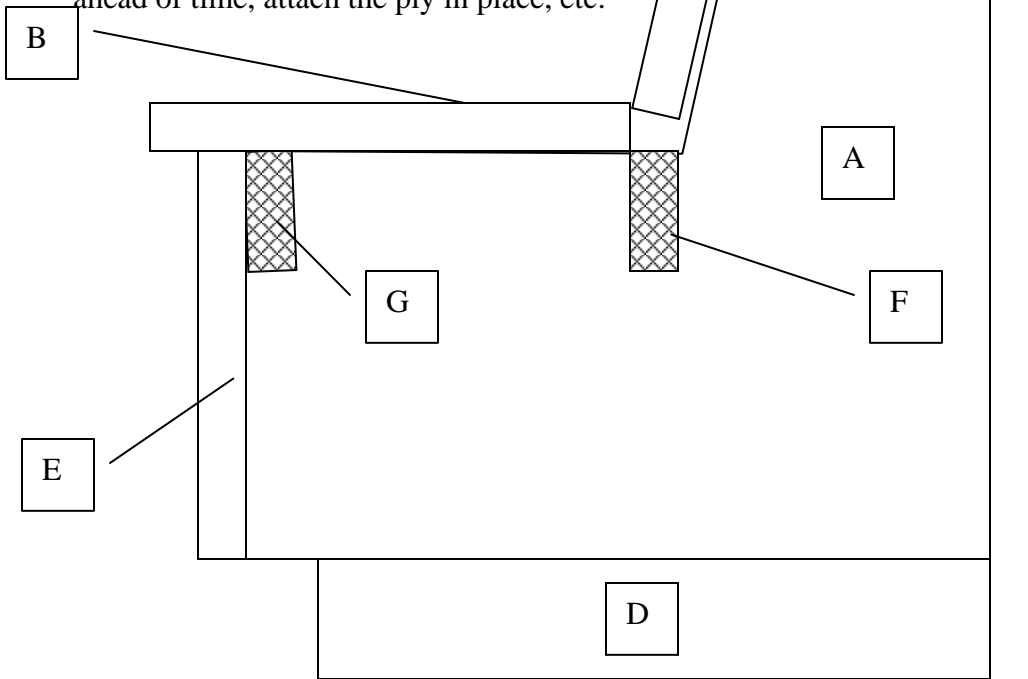
C. **the back**- more ply 3/4 again

D. **the base**- 5/4 x 4 pine... simple boxes. In retrospect, I could have cut this profile into the braces and avoided this but I think this makes it stronger and I had heating issues which this allowed me to resolve.

E. **the facade**- 3/4 ply, this just closes up the box. But it also provides structural rigidity.

F. **cross piece 1**- (4/4 x 4 pine) by orienting this vertically you can use European hinges attached to the face of this piece and the base of the seat. (I didn't think of this till it was too late.)

G.& H (4/4 x 4 pine) these allow you to make your boxes ahead of time, attach the ply in place, etc.



Notes: where the crosspieces (F,G and H) attach to the backbones, I used large biscuits, glue and screws. Once the skin is on I'm sure this is overkill but it sure helped me be able to move sections around. The guys who make money doing this I'm sure know this but if you cut all your biscuit slots before you glue/screw the braces... You can line these pieces up and use pocket screws. You can't cut the biscuit after you have end screwed the brace. (Trust me.)

Piece H I just jogged so they could all be end screwed. (First one as shown, second 3" down the seat back line.)

Just edge band the visible tops/edges of E, C, or b as necessary.

On my booth, C ends at top of A and a solid wood shelf completes it.

I still need to make ends for mine. I plan on doing it like church pews, with an arm built in.

My seat is 19 1/2" long. This is longer than usual but my wife and I are both tall and it means you can lie on the seat if you want.

None of my crosspieces are more than 24".