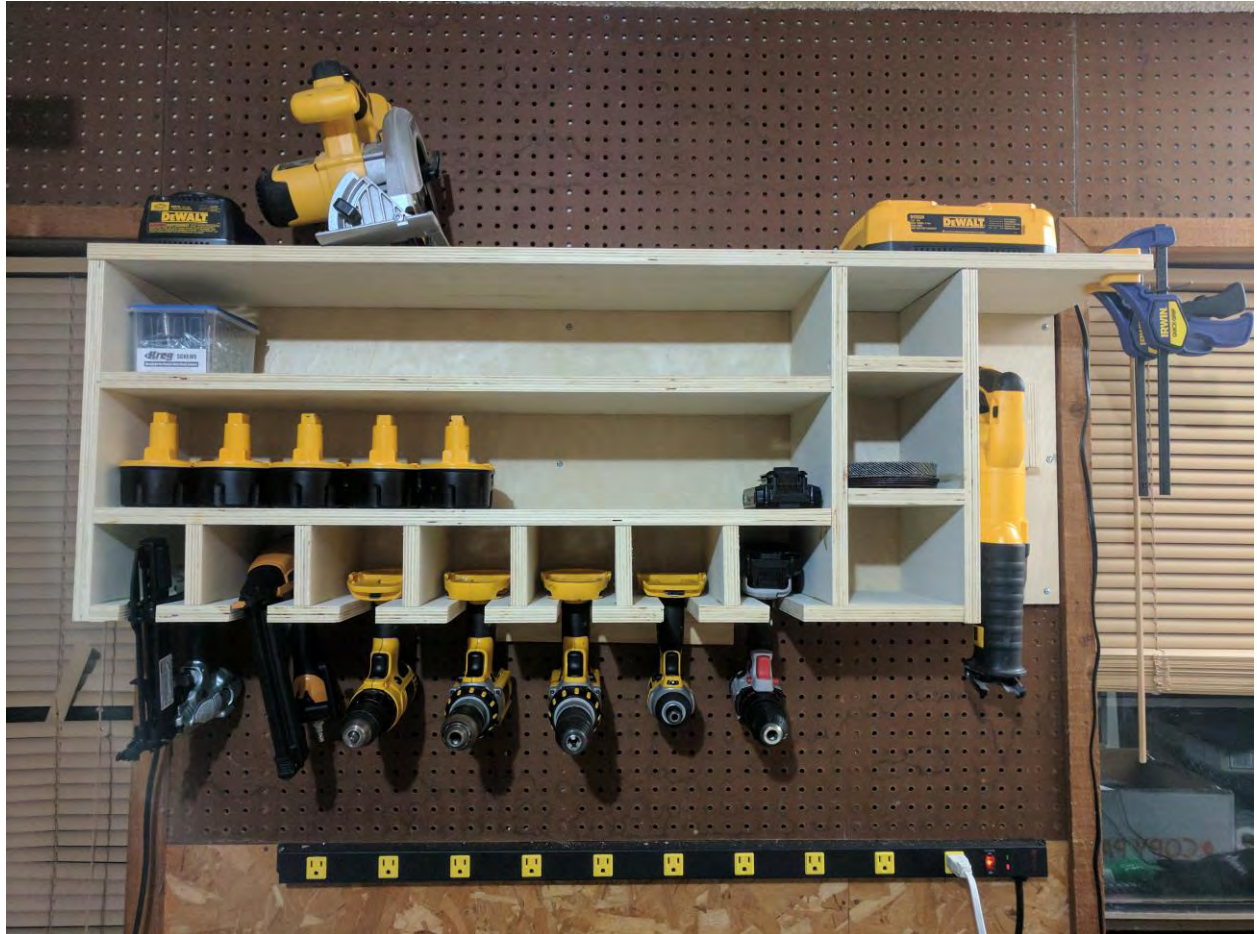


Cordless Drill Charging and Storage Rack



8D Designs

Feb 2017

1. Materials

- a. Lowes Top Choice Blondewood 3/4-in Birch Plywood, 4' x 8'
Item # 520360
- b. PVA Wood Glue
- c. Kreg 1-1/4" Course thread wood screws
or
1-1/2" 18ga brad nails
- d. 3" Deck Screws or similar (for wall mounting)

2. I purchased my sheet of plywood at Lowes. You can use the same plywood I did or any type of similar finish grade plywood.

I had Lowes cut my plywood into 3 pieces at the store to make it easier to take home in my small SUV. Most big box hardware stores will make two cuts at no charge. I had my sheet cut into two 30" pieces with one 36" piece left over. The cut sheet diagram will show how to cut all the parts for this project from the 36" pieces and one of the 30" pieces. You will have a 30" left over which can be used for another project.

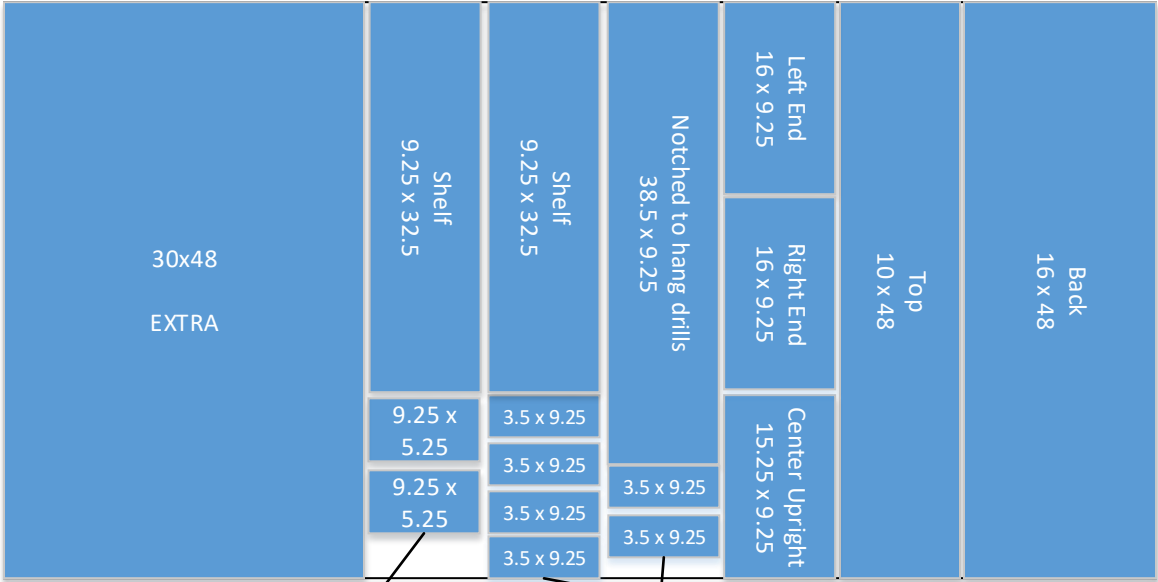
3. I recommend cutting all of the pieces before starting assembly. It is much faster than trying to cut pieces as you go.

4. Assembly

Please watch the YouTube video to see how to assemble this rack.

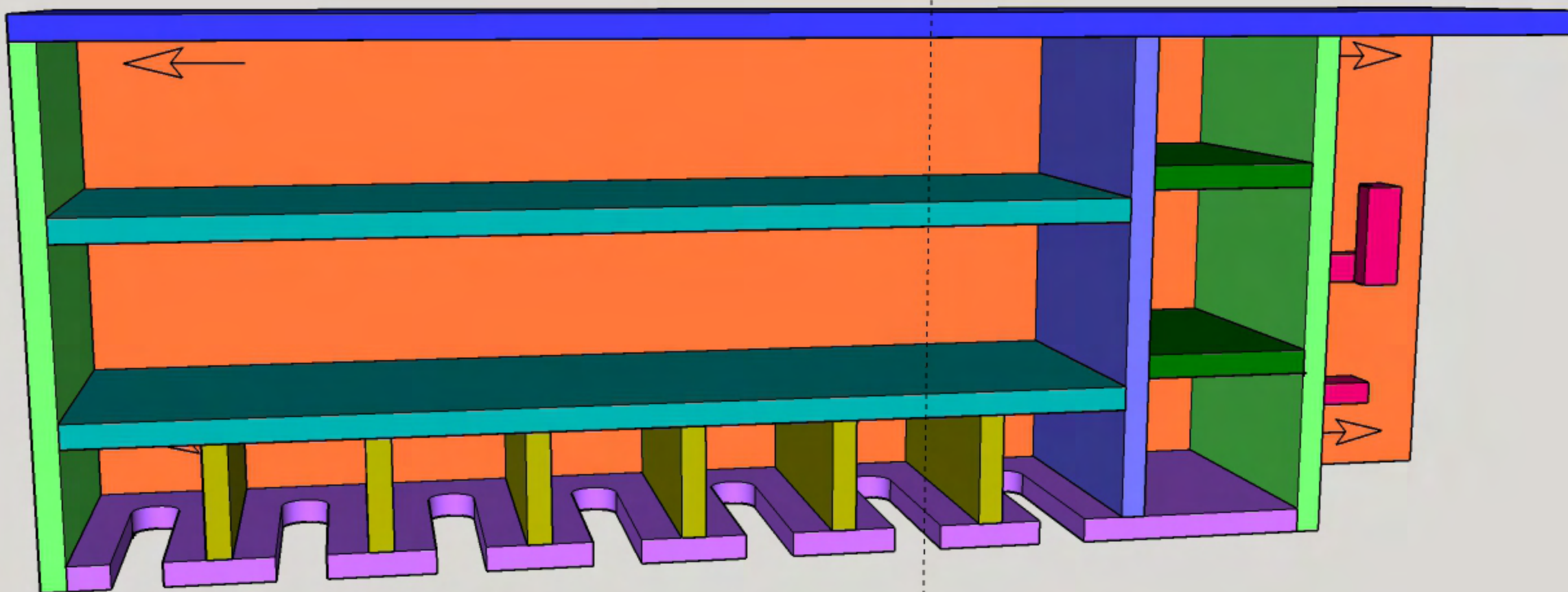
5. When you are ready to mount this beast to the wall I recommend getting someone to assist you. This thing is HEAVY and it wants to hurt you. DO NOT mount it to the wall using drywall anchors. It weights around 45lbs unloaded and must be securely mounted with multiple BIG screws into two or more studs. I managed to get mine mounted and screwed into 3 separate studs using three screws per stud for a total of 9 screws.

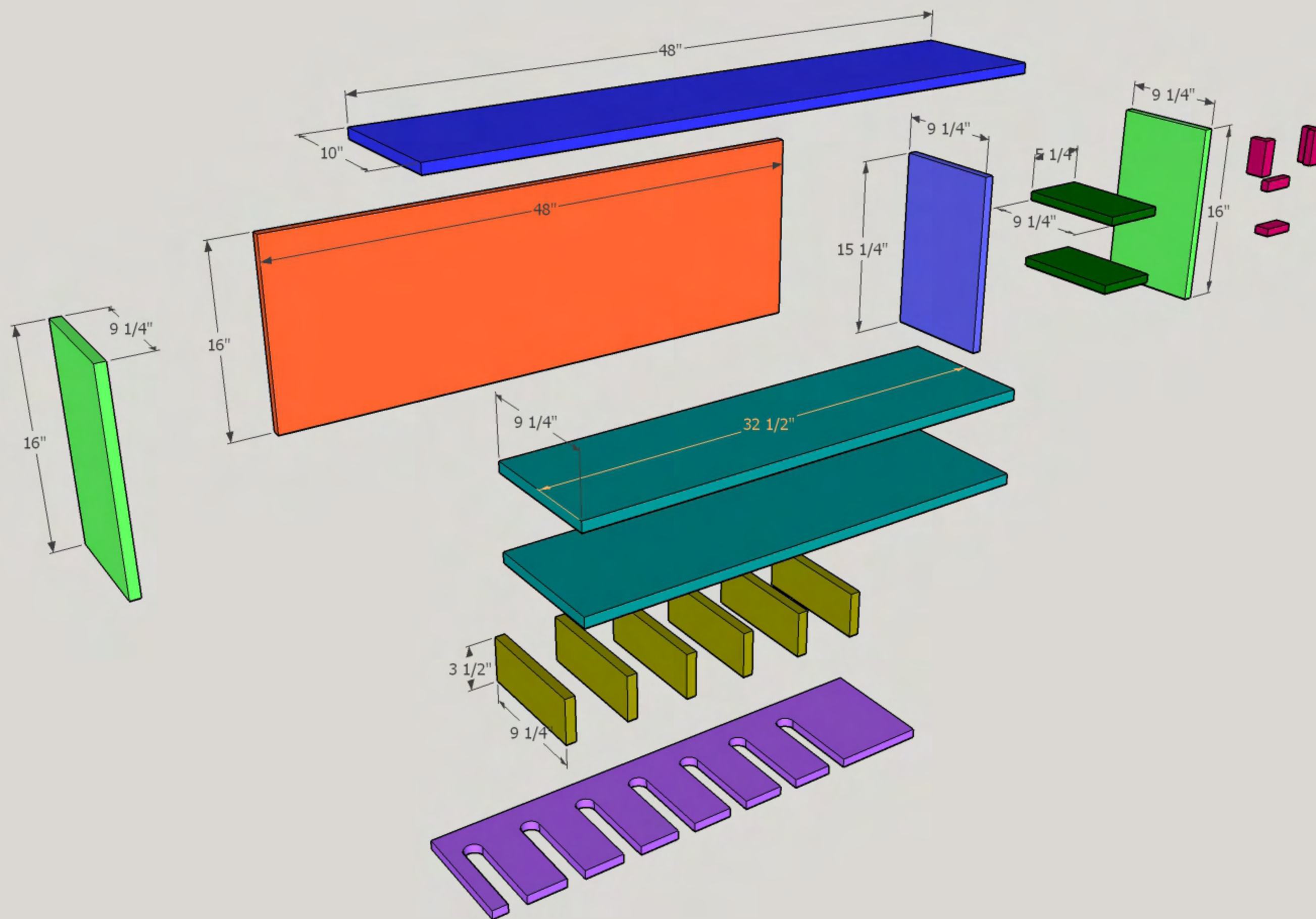
4' x 8' Plywood Cut Sheet

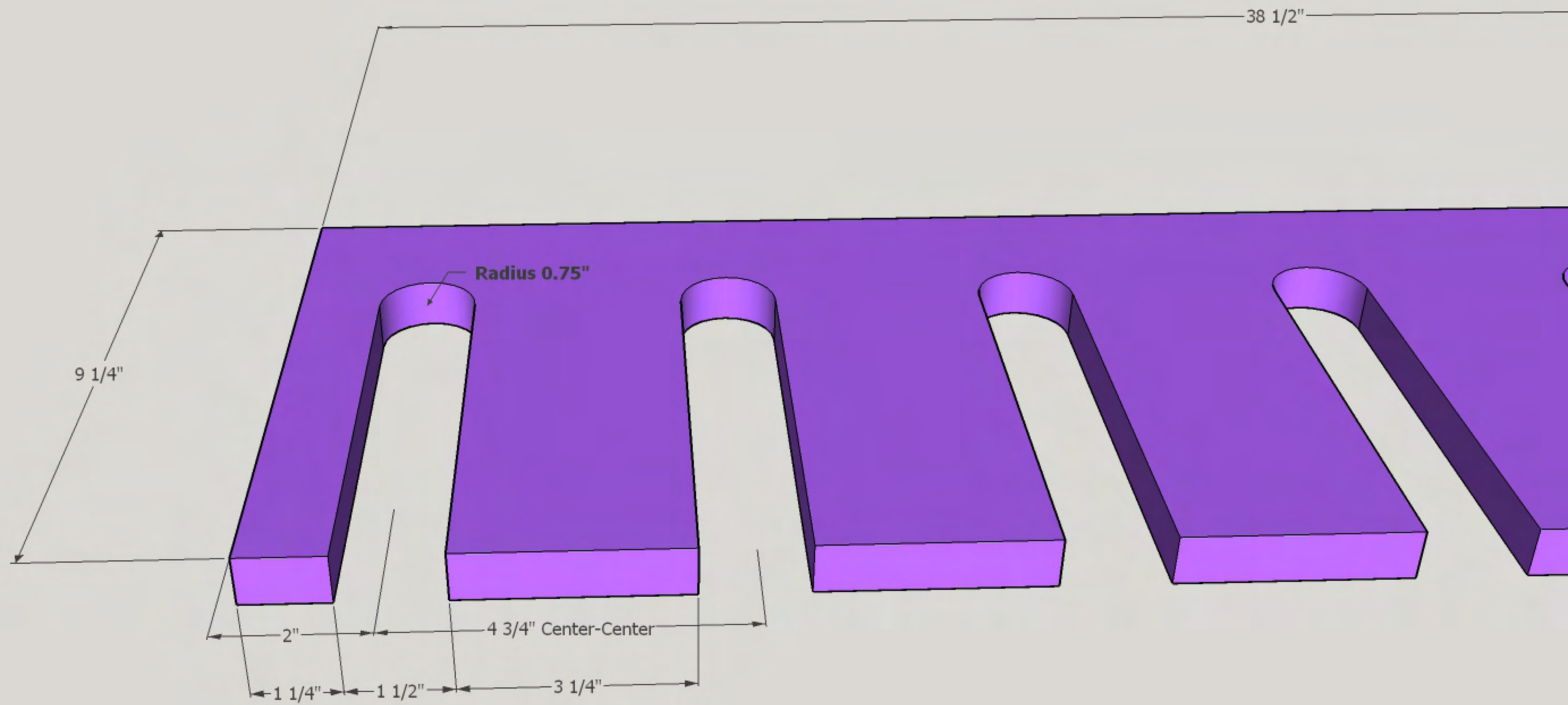


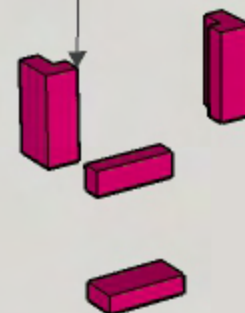
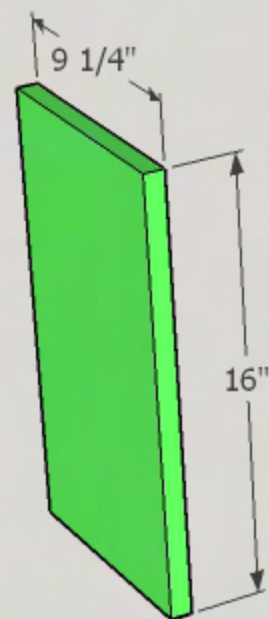
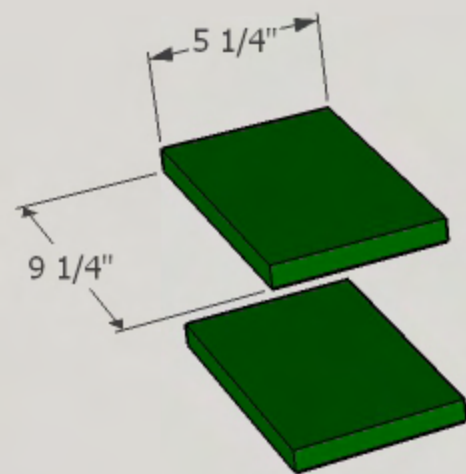
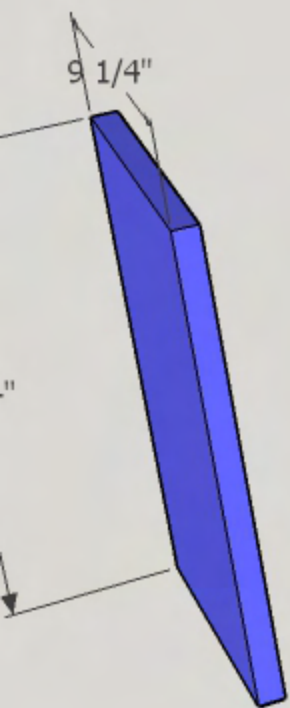
Small shelves

Drill slot dividers









Dimensions for the reciprocating saw hanger are approximate and are for general design illustration only. Dimensions will need to be customized to fit your saw.