Plywood Media Console

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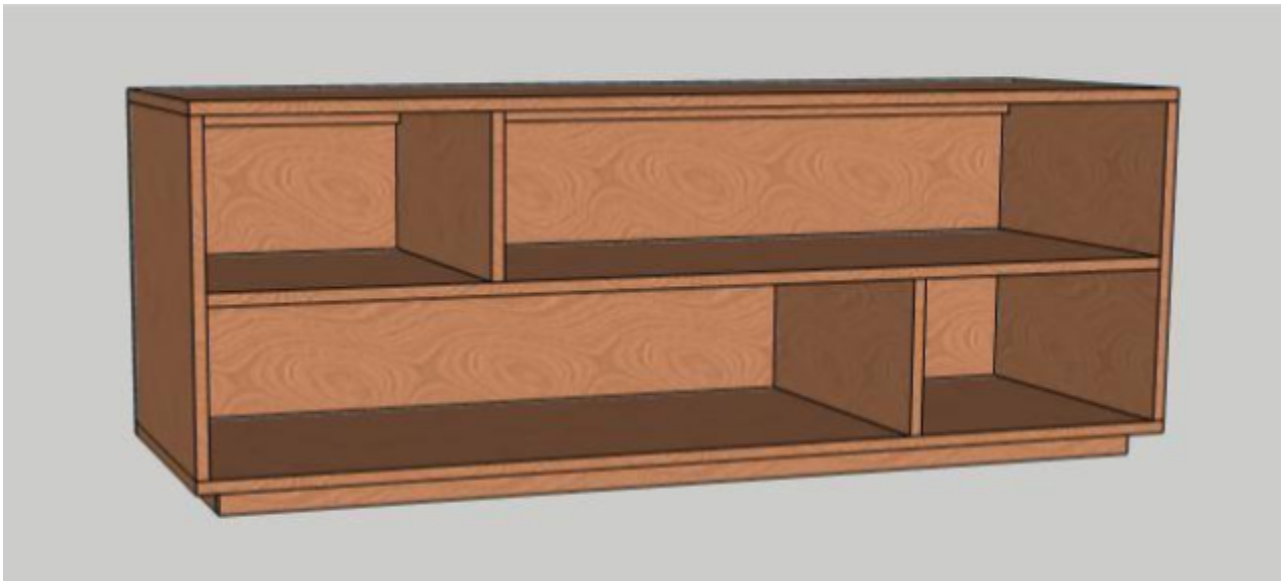
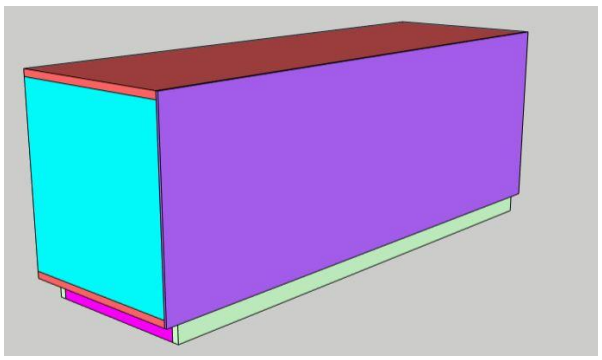
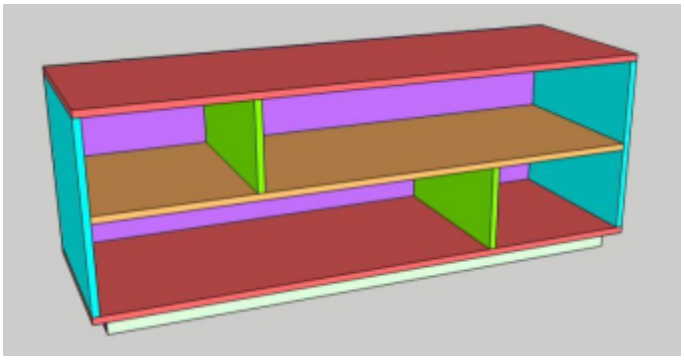
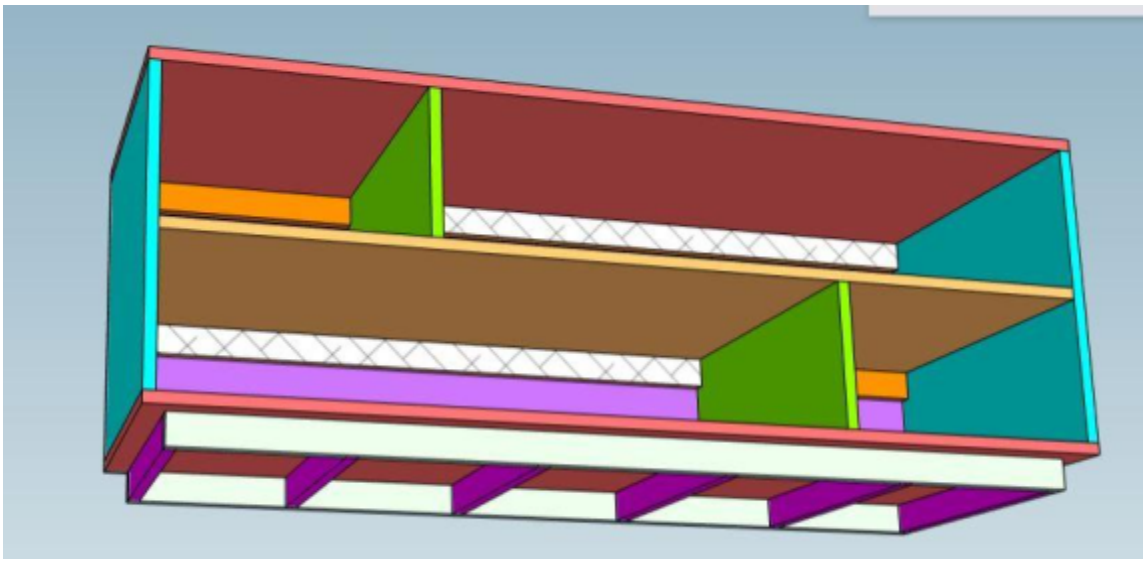
Sketch









Needed Materials

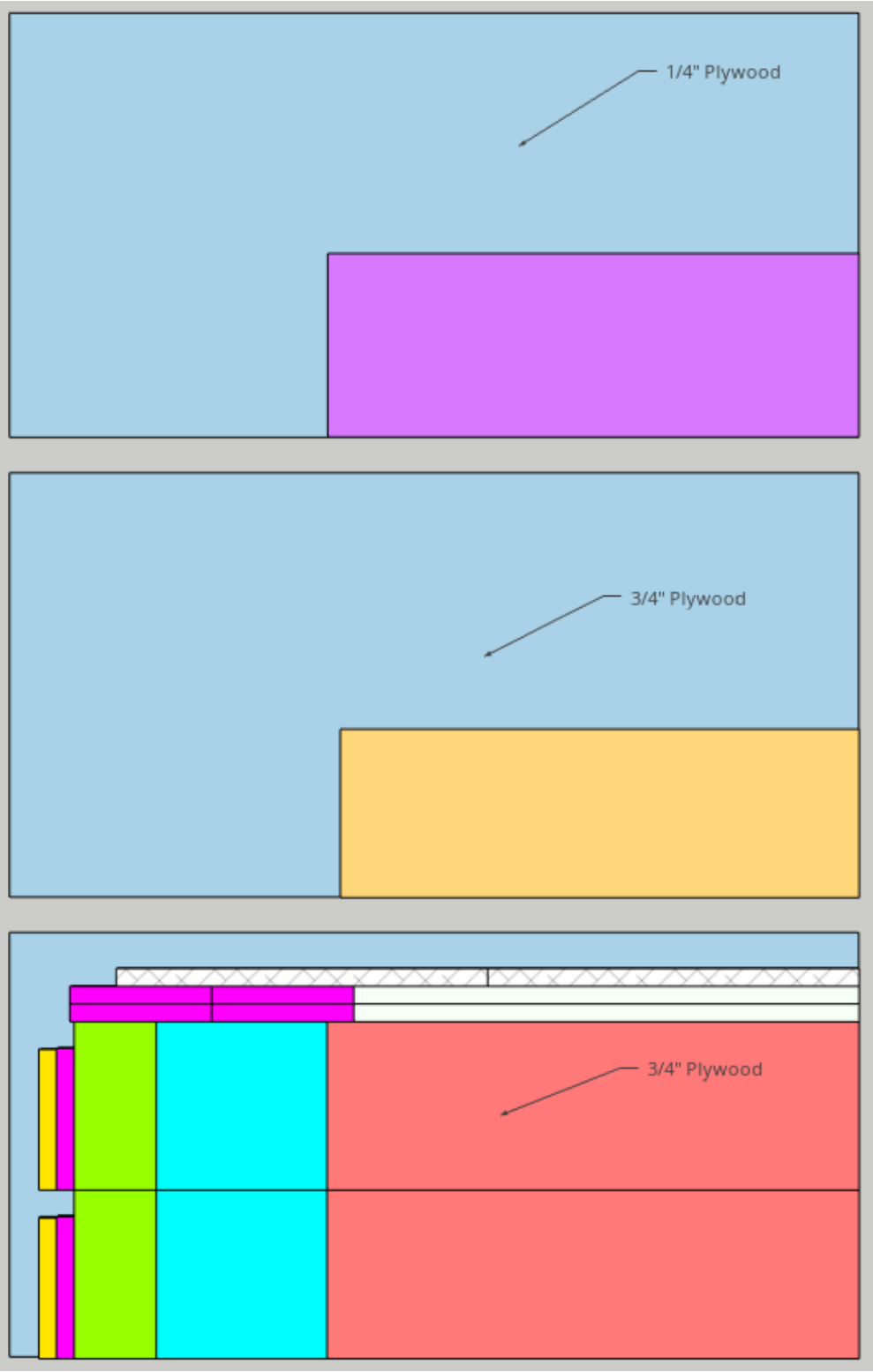
Needed Lumber

- (2) sheets of 4’x8’x3/4” Plywood
    - Approximate cost - $60 per sheet - $120 total
- (1) sheet of 4’x8’x1/4” Plywood
    - Approximate cost - $25 per sheet - $25 total

Approximate total lumber cost - $145

NOTE: You will have plenty of left over materials that can be used for future projects!

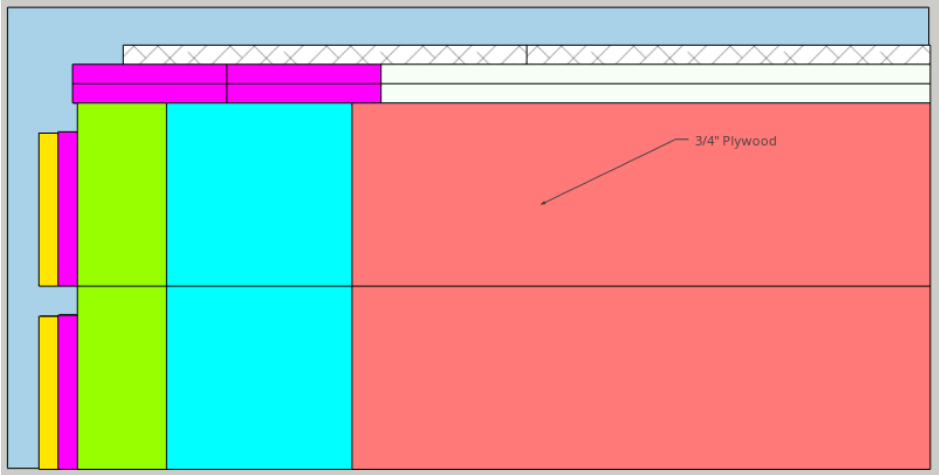
Lumber Layout



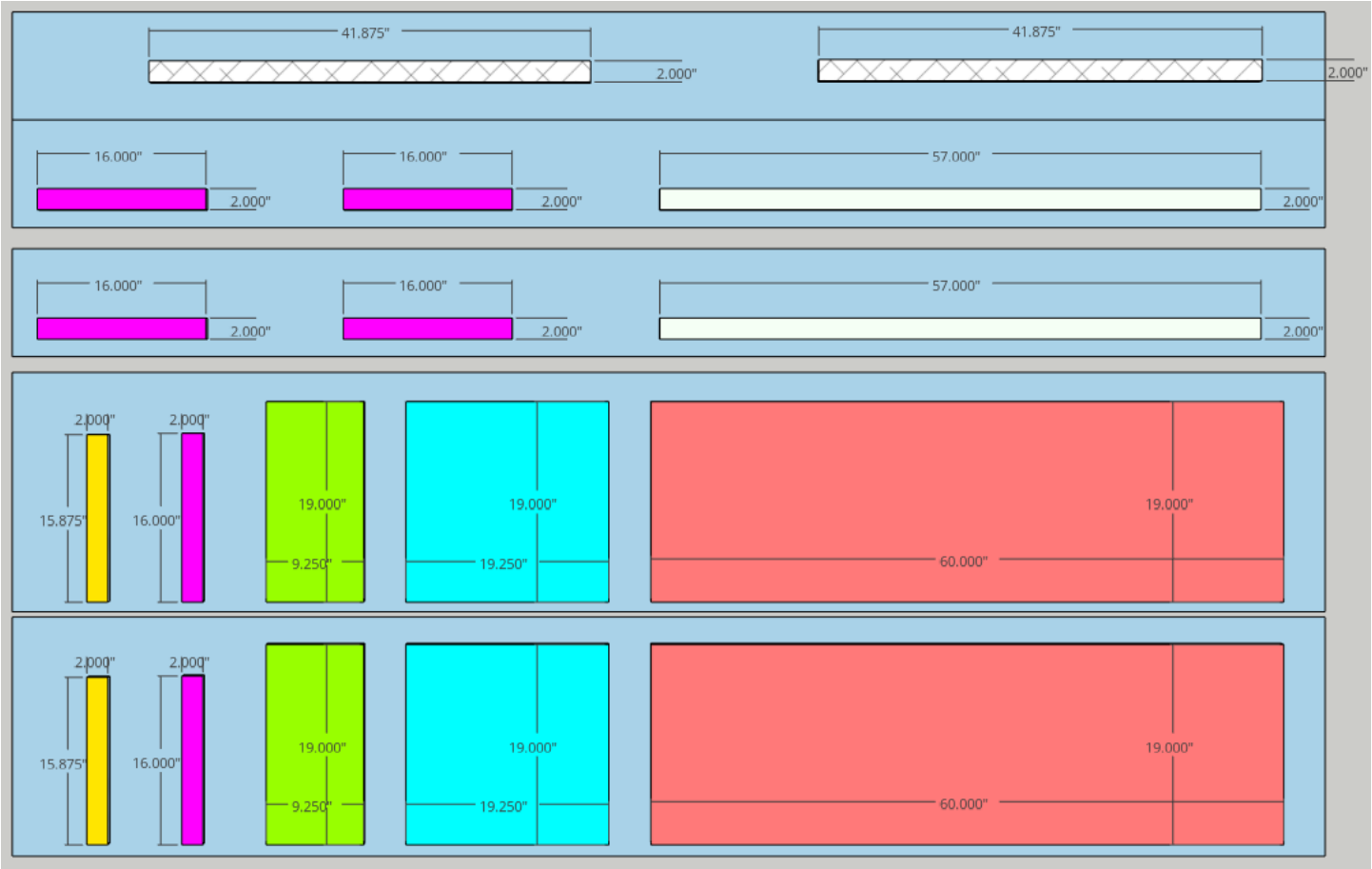
Cut Lists

Below is the cut list for your first sheet of ¾” plywood

Layout

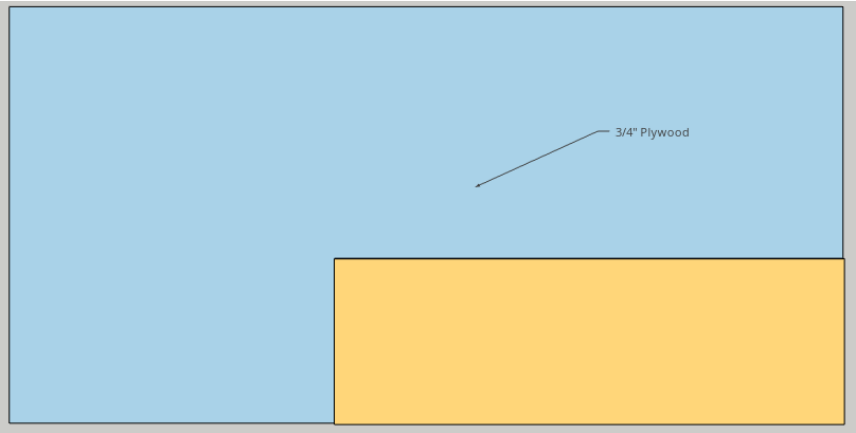


Cut List

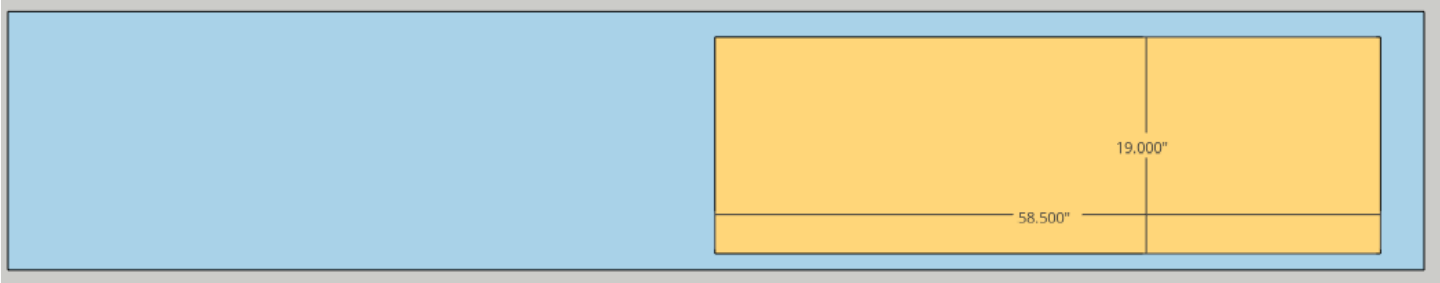


Below is the cut list for your 2nd sheet of ¾” plywood

-Layout

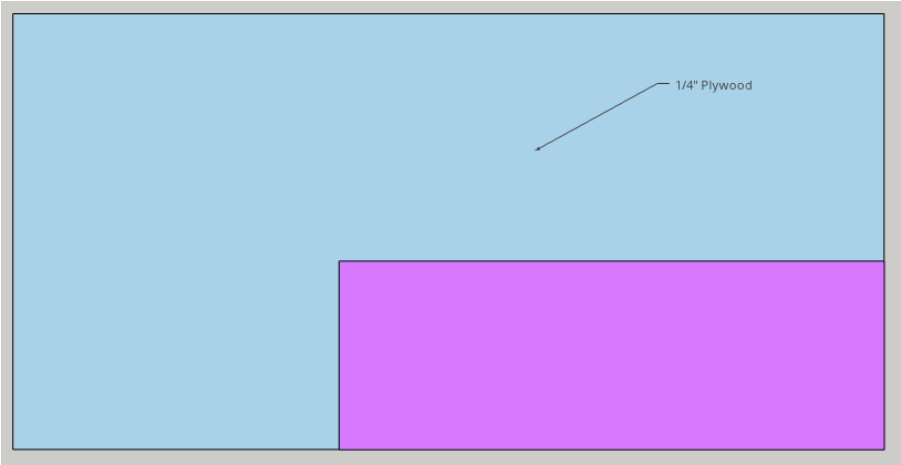


-Cut List

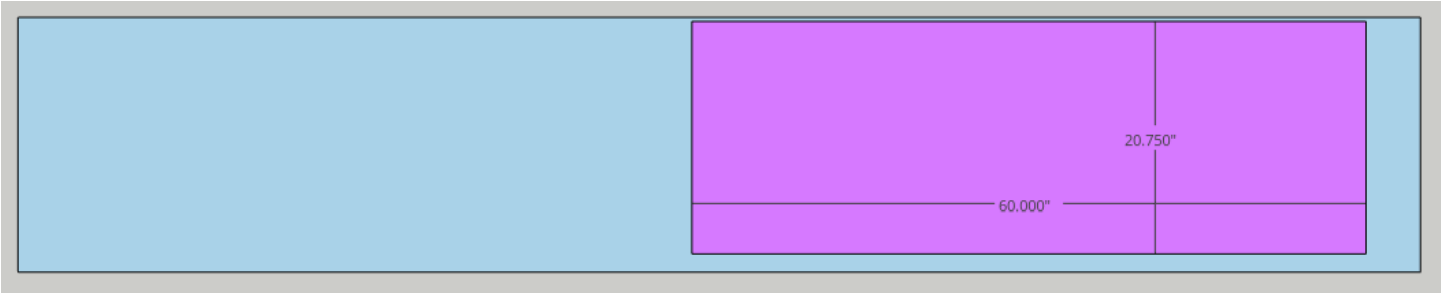


Below is the cut list for your ¼” sheet of plywood

-Layout

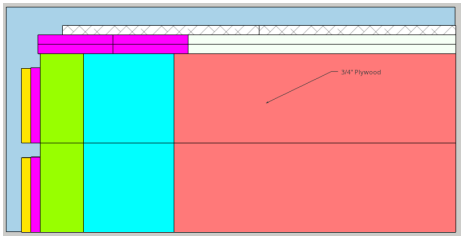


-Cut List

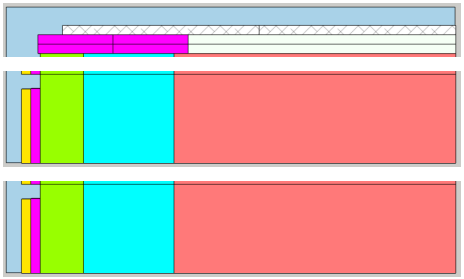


Instructions

1. Handling a full sheet of plywood is difficult so we always start by breaking the plywood down into slightly oversized strips. Plus, we only have a compact car so we need to break down full sheets of plywood to manage getting it home.
2. Get 1 sheet of ¾" plywood and plan out cuts as follows.
3. The first 2 strips needs to be 19" wide, so rip them to about 21". We will come back and trim these pieces to final length and width later when our pieces are smaller and easier to handle.

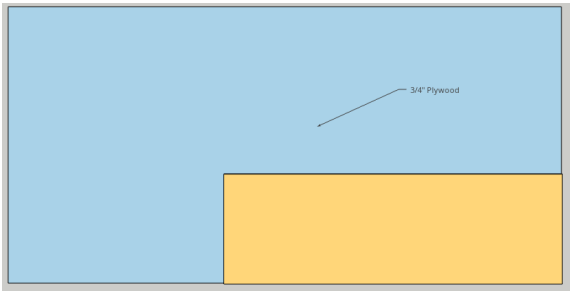


This is the overall layout of all of the cuts we will be making on the first sheet of ¾" plywood. The first 2 cuts we are going to make are 2 long strips. Each strip will measure 8'x21".

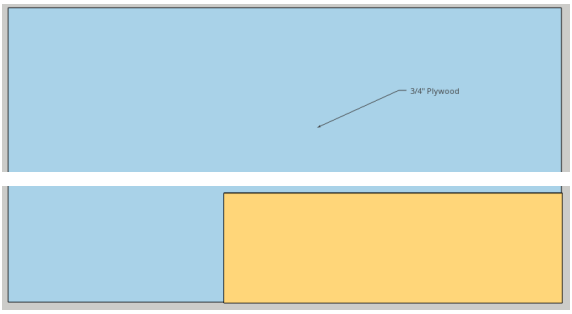


After cutting 2 strips down your plywood, you will be left with 2 evenly sized pieces and 1 smaller piece.

4. Get your second sheet of ¾" plywood and plan out cuts as follows.
5. The only strip on this sheet needs to be 19" wide, so rip it to about 21". We will come back and trim this piece to final length later when our pieces are smaller and easier to handle.

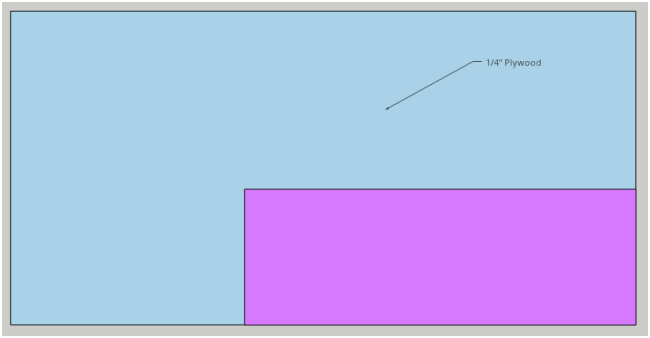


This is the overall layout of the cut we will be making on the second sheet of ¾" plywood.

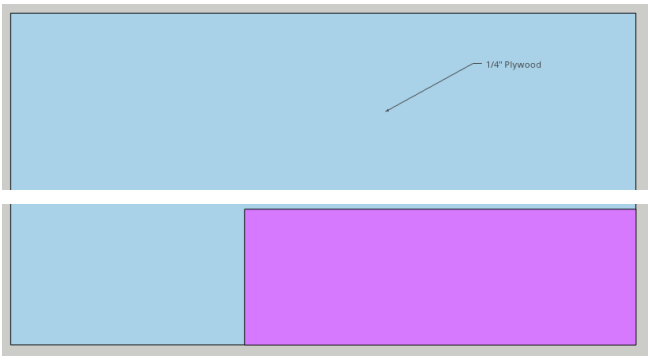


You are now left with two pieces of ¾" plywood. Set aside the larger piece and keep it for a future project

6. Get your sheet of ¼" plywood and plan out cuts as follows.
7. The only strip on this sheet needs to be 19" wide, so rip it to about 21". We will come back and trim this piece to final length later when our pieces are smaller and easier to handle



This is the overall layout of the cut we will be making on the sheet of ¼" plywood.



You are now left with two pieces of ¼" plywood. Set aside the larger piece and keep it for a future project

8. After your last cut, you should be left with the following pieces

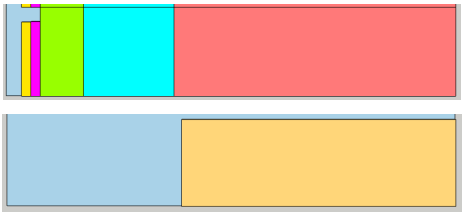
Sheet 1 of ¾" Plywood

Sheet 2 of ¾" Plywood

Sheet 1 of ¼" Plywood

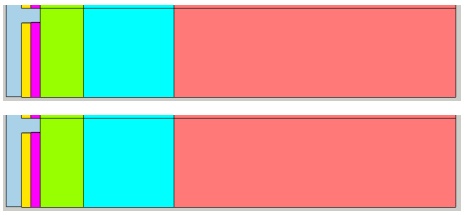
9. At this point, we loaded up our car and headed home to do the final cutting.

10. Now we grabbed our remaining larger strips of ¾" plywood and are going to rip them to our final width of 19"



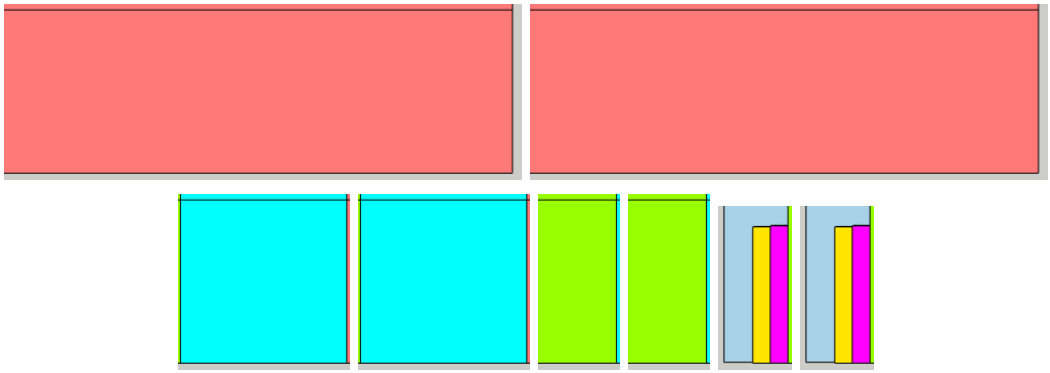
We grabbed these three pieces to rip down to 19" strips

11. You likely want to trim your ¼" thick sheet of plywood right now, but I prefer to assemble the media console and trim the back piece to fit since it is likely that you will compound small errors that will make the piece slightly off from the perfect measurements in these plans.
12. Grab these two strips below and cross cut to final width. Refer to the Cut Lists portion for exact dims.

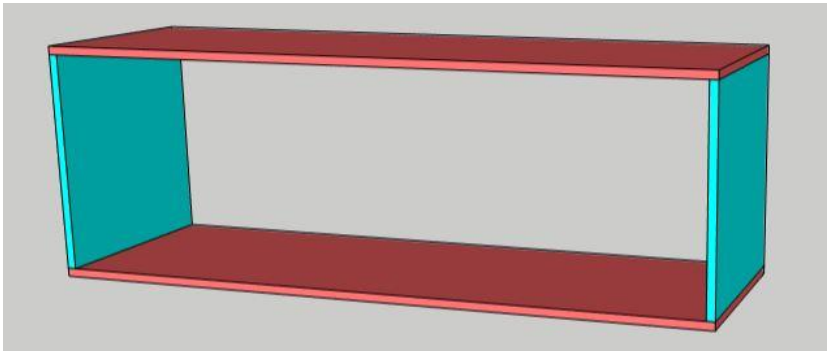


Grab these two strips to cross cut to final length

13. After cross cutting the two strips above you should be left with the following pieces



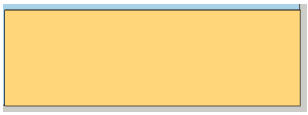
14. We are now able to assemble the outer case
15. We assembled the outer case using a dowel jig but you can use any method you want (i.e. butt joints, dominos, or dowels).



At this point, your outer case should be assembled

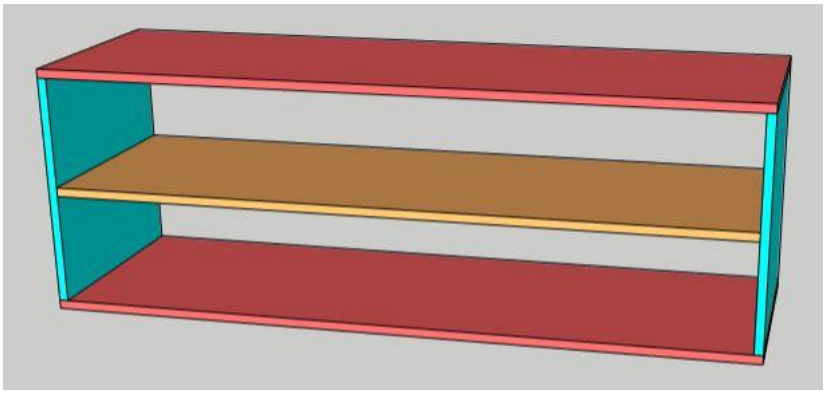
16. Next, we grabbed the strip from the second sheet of ¾" plywood and cross cut that to final length. While ideally, this piece should be cut to the length in the plans, it's likely that you did not get 100% accurate cuts while building the outer case. Make sure to cut this piece to fit relative to the dimensions of your outer case.

Grab the strip from the second sheet of ¾" plywood and cross cut to final length



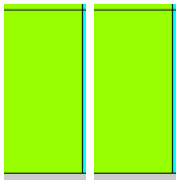
You are now left with this piece.

17. Next, we assembled the center shelf onto the outer case. You can use any method you want (i.e. butt joints, dominos, dados, or dowels).

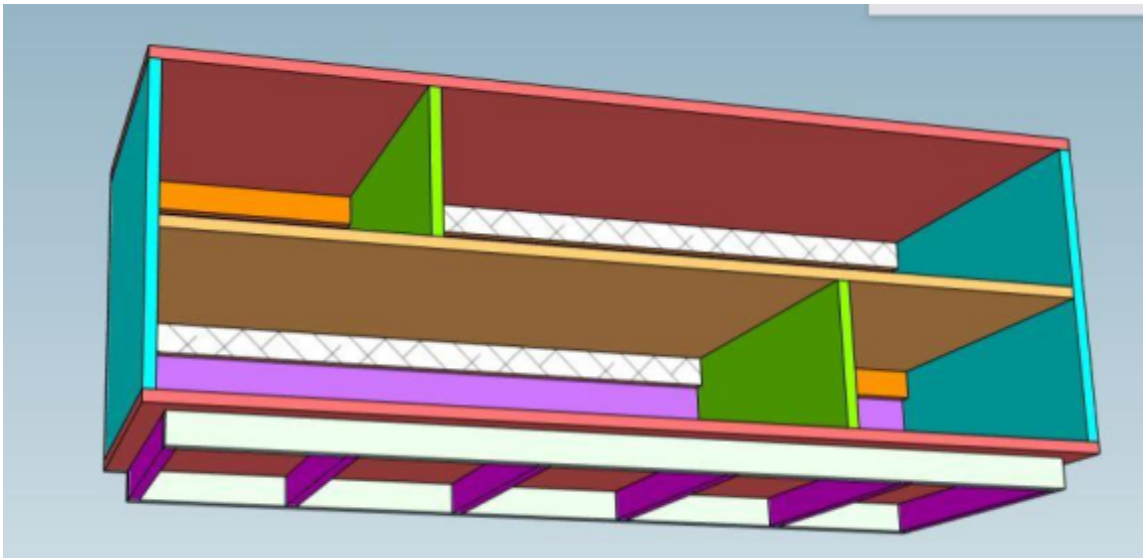


After installing the center shelf, you console should look like this

18. After the center shelf is installed, you are ready to put in your vertical dividers.

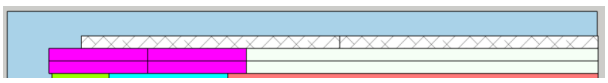


Vertical dividers



Your console should now look like this! We chose to place the dividers 15 ⅞" from the inside of the side support.

19. We grabbed our smaller piece from our first ¾" sheet of plywood and ripped it into 2" strips to use and the base and also shelf support pieces



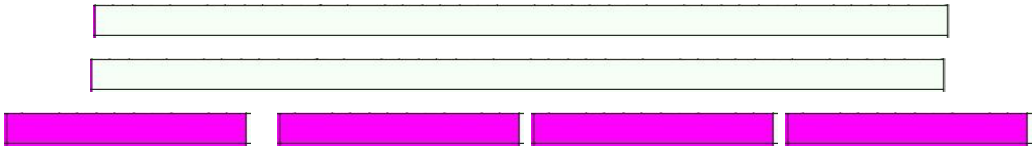
This is the piece that we grabbed to rip down to 2" strips

You should be left with 3 strips that are 2” wide

20. To cut the pieces to make the base, grab two of the strips you just cut and trim them to final length.

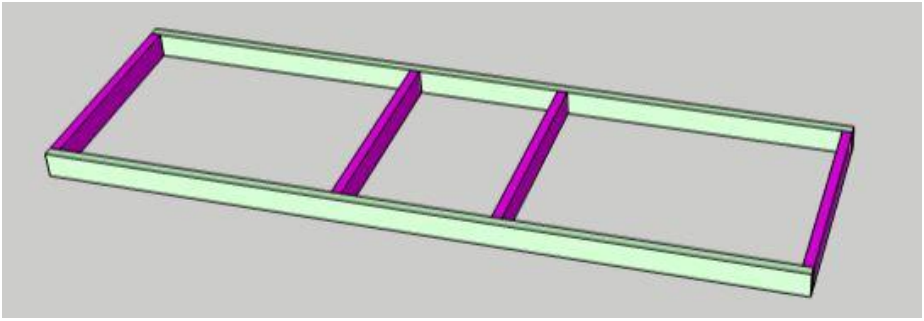
Grab two of these strips

21. Cross cut these strips so that you have (2) 57” pieces and (4) 16” pieces



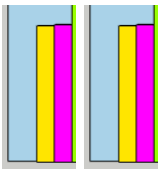
You should have these 6 pieces cut for the base now

22. You are now ready to assemble to base
23. Grab these 6 pieces that you just cut and assemble the base as shown below. You can use any method you want (i.e. butt joints, dominos, dados, or dowels).

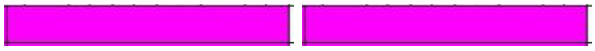


You base should now look like this

24. You can now grab your smaller remaining pieces from step #13 to cut two additional support pieces for the base as well as two shelf supports. See Cut Lists for exact lengths

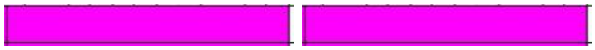


Grab these pieces from step #13

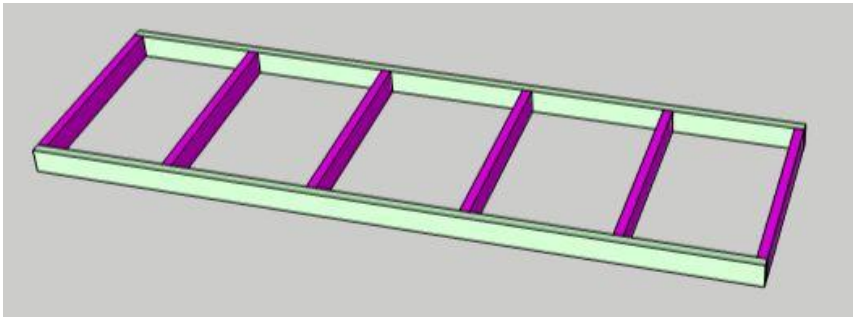


You should now have these 4 pieces cut

25. Take the two additional base supports you cut in step 24 and add them to the base support

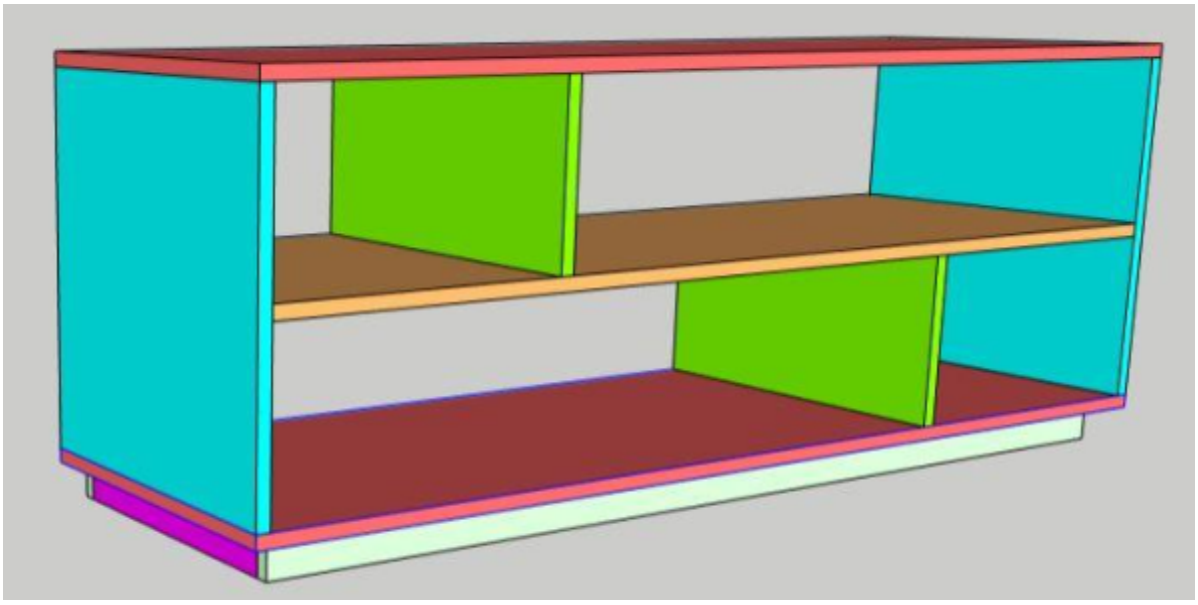


Grab these two pieces



You base support should now look like this

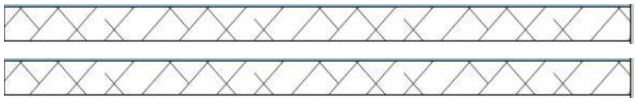
26. Attach the base support to the console



After your base support is attached to the console, it should look like this

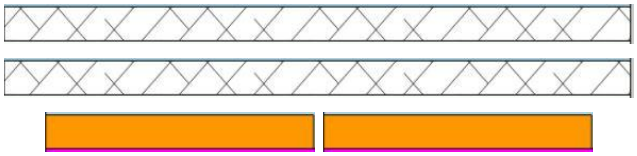
27. You are now ready to cut your shelf support pieces
28. Grab your long strip from step 19 and cut to proper length. While ideally, this piece should be cut to the length in the plans, it's likely that you did not get 100% accurate cuts while building the case. Make sure to cut this piece to fit relative to the dimensions of your case.

Grab this piece from step 19

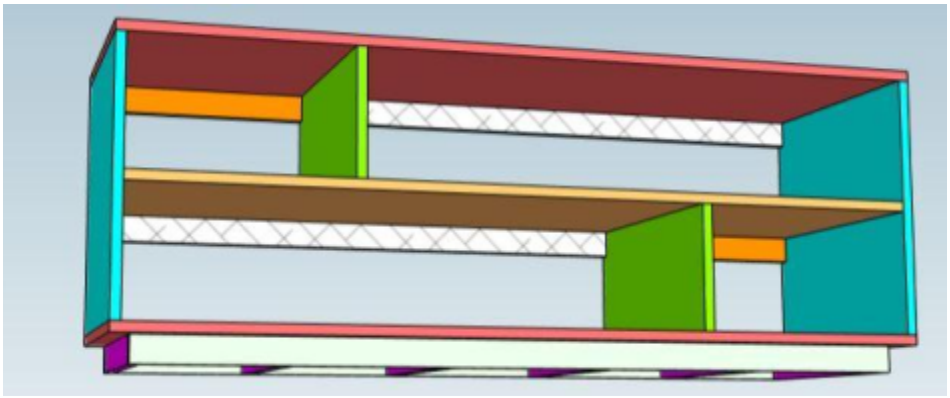


Trim to length so you have 2 shelf support pieces

29. Grab your two shelf support pieces cut from step 24 and two shelf support pieces cut from step 28 and assemble to the cabinet. You can use any method you want (i.e. butt joints, dominos, dados, or dowels).



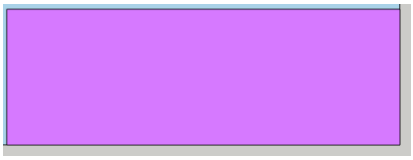
Grab these 4 pieces



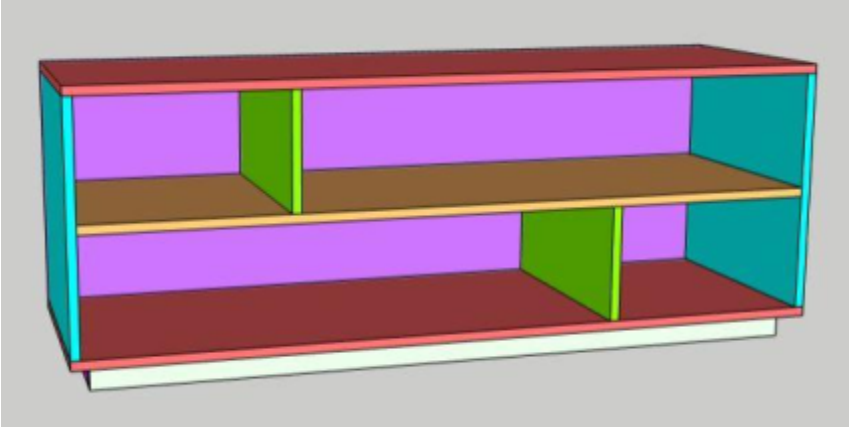
The console should now look like this! You are almost done!

30. Grab your strip of ¼" plywood that you cut in step 7 and cut down to final dimensions. While ideally, this piece should be cut to the length in the plans, it's likely that you did not get 100% accurate cuts while building the case. Make sure to cut this piece to fit relative to the dimensions of your case.

Grab this pieces from step 7



Trim back panel down to relative dimensions of console



You console is now finished!

31. Now that your console is built, simply finish it however you want!
32. Once you decide what components you want to put in the console, you can use a drill to cut out holes to feed cords through!

Gallery