

Thank you for purchasing plans to the "Darcy"! I greatly appreciate it and am excited you like the design enough to build one for yourself. I hope you enjoy the process and the finished product equally!

While this is not designed to be a complete ground up tutorial of all the skills required to build furniture the following pages will provide you with all the dimensions and angles you'll need to cut the necessary parts, and combined with the accompanying video explaining the construction process, assemble your very own Darcy. Please make sure to watch the video and read all the details on the sheets before you begin as they are designed to work together to make this as easy a process as possible for you.

YouTube Talk Through Video: <https://youtu.be/zacp89pja9g>

If you'd like to share your work or any feedback for improvements to the plans I'd love to hear and see it.

Thank you,

P.S. Small tip I learned the hard way: You hear "Measure twice and cut once." all the time and while there's truth to that on some parts of a design, like cutting where the miters will be on this project. My experience in fine woodworking has also taught me to go slow and sneak up on cuts and fits by taking tiny amounts at a time. For instance, don't try to get the channel that accepts the center panel a perfect fit and depth on the first pass. Start small and sneak up on that perfect fit and make as many cuts as you need.

Happy Building, Collin
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Recommended Order of Assembly

Main Components

1	Select Lumber - Use Panel Sizes on Page 6 as Guide - If you have to cut your lumber for transport to your shop choose your grain orientation there and cut them at the Bottom and Side panel joint since it is not as visible on the final product
2	Glue Panels - Triple Check Grain Before Gluing
3	Cut Panels at seams between Top- Side - Bottom Pieces
4	Cut Miter/Bevels for Joints Between Top - Side and Side - Bottom
5	Cut Top - Side- Bottom to final sizes
6	Router Channel to Accept Center Panel in underside of Top
7	Dry fit Top- Side - Bottom Panels, Adjust miters if necessary, check top and bottom are parallel and measure for final height of center panel
8	Cut Center Panel and Dry Fit again
9	Sand top and bottom of all panels while still flat
10	Glue Side Panel to Top
11	Glue Center Panel to Top
12	Recheck Bottom Panel Fit then Glue

Base Assembly

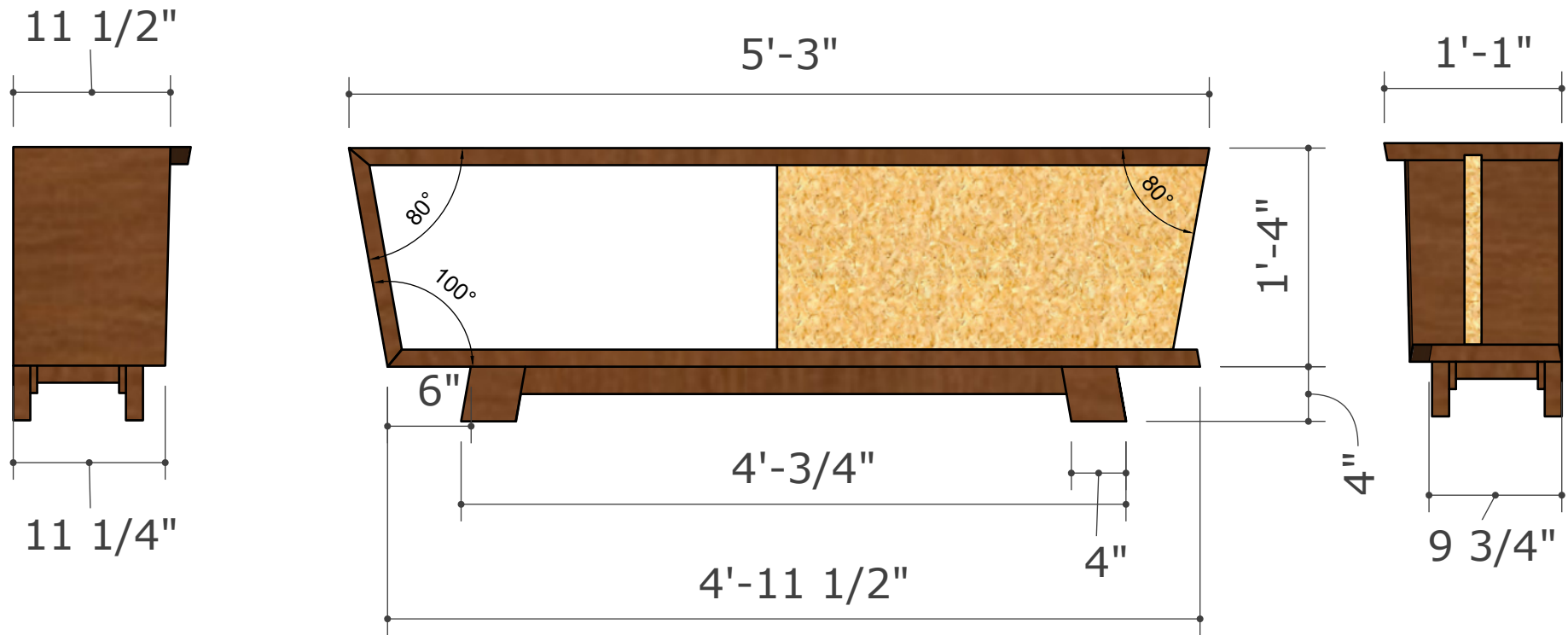
Note	You can sand the off cuts first before cutting out into smaller pieces to make the final sanding easier
1	Cut Pieces from Off Cuts of Top - Side - Bottom Panels
2	Use the Feet to mark stretchers where you need to cut the rabbits to insure proper fit
3	Cut/Router Rabbits to accept the feet
4	Glue and Clamp Feet
5	Glue Spacers to Stretchers
6	Glue Base Assembly to Bottom Panel

Finishing: Once glued and assembled you should only have light hand sanding to prep it for finish. Any finish you like will do but we recommend a natural oil finish like teak oil.

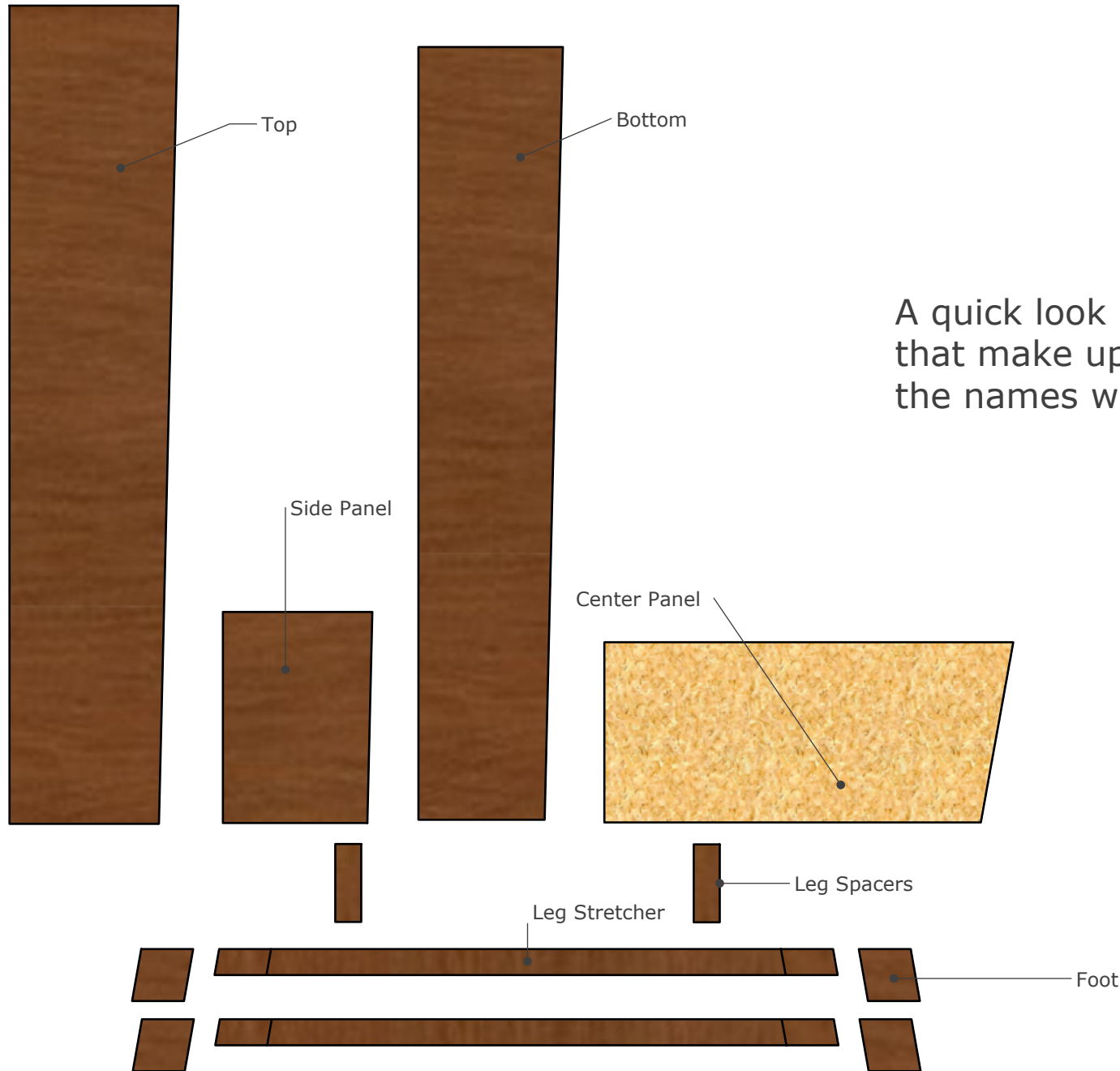
Note: All Edges of the Top - Side - Bottom Panels receive a 10 degree bevel on their edges.

Safety Disclaimer: Always use tools in their intended manner and follow all safety guides

Assembled Dimensions

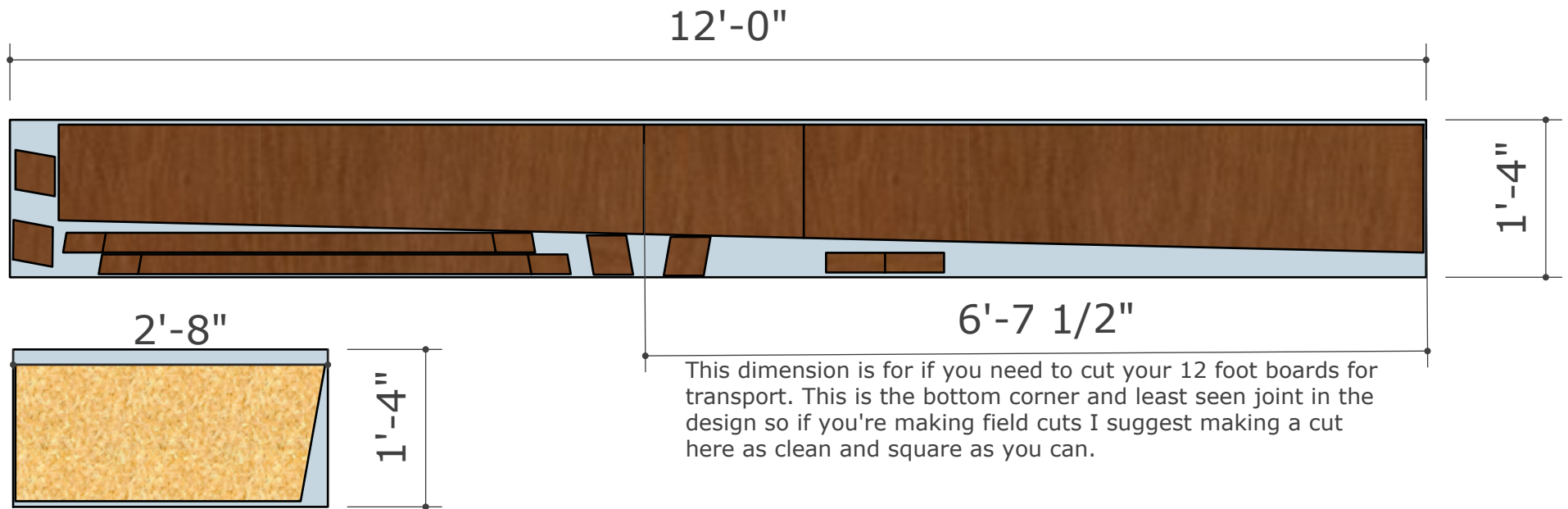


1" = 1'



A quick look at the 12 parts that make up the Darcy and the names we gave them.

1" = 1'



The above panels show the most economical way to layout the parts while maintaining a consistent grain pattern. Most likely you need to construct the 12'x16" main panel from multiple 12' boards glued together.

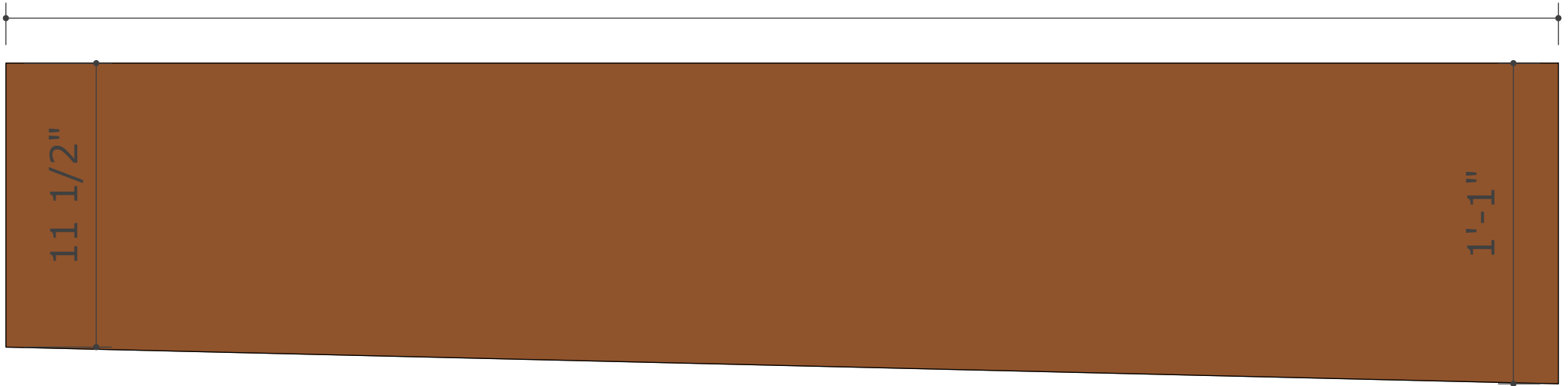
The center panel can be created best by purchasing a 8" or more wide x 6' long board and cutting it in half to glue together to form the panel.

Keep these sizes in mind when sourcing your materials. You don't have to follow this exactly but it should be useful to you in your selection process.

3/4" = 1'

Top Panel

5'-3"

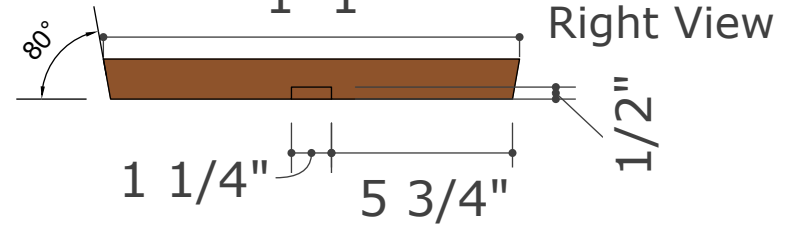


11 1/2"



Left Side

5'-3"

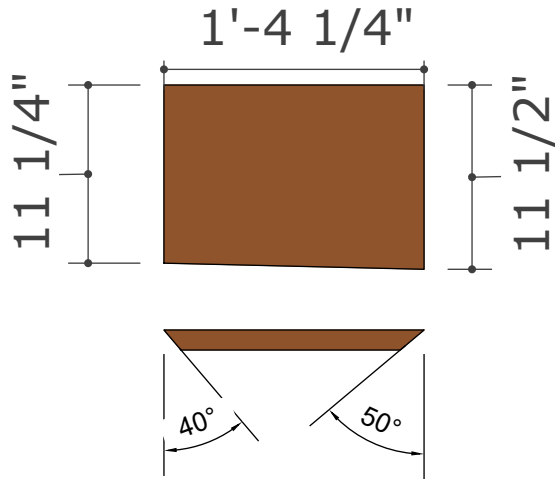


Front View



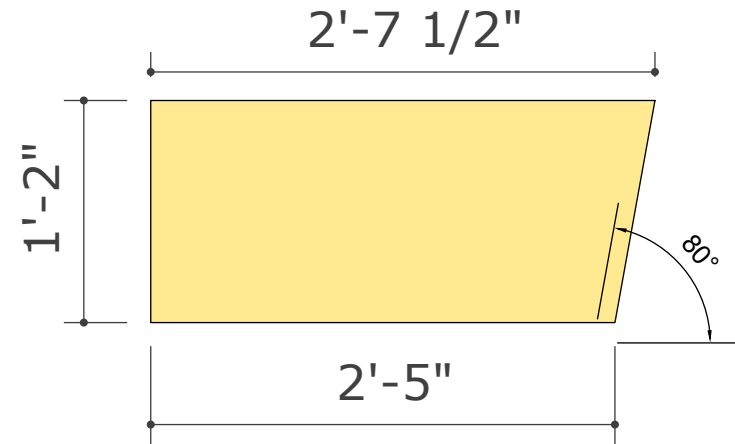
2" = 1'

Side Panel

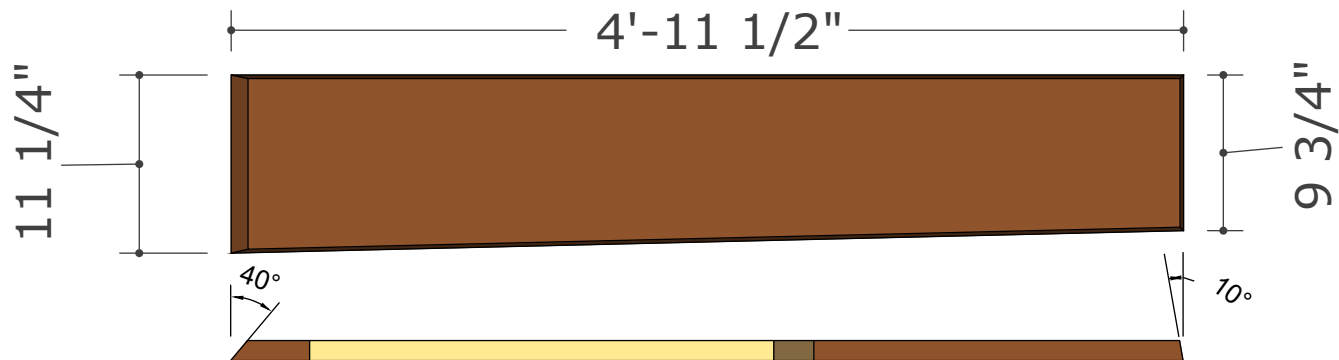


Center Panel

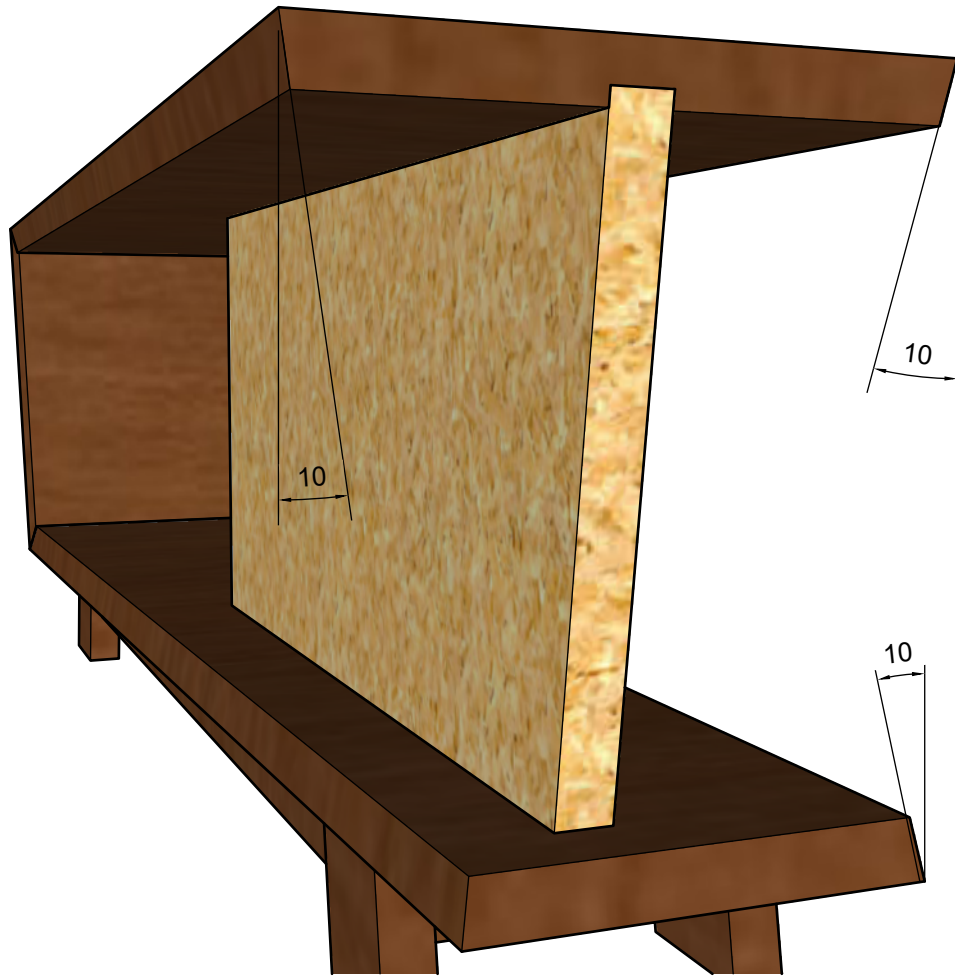
Remember you should wait to cut your center panel to finished height until after you have done a dryfit. It is unlikely to be exactly this height due to tiny changes in your side panel miters. You want the center panel to keep bottom and top panels parallel and let corners meet cleanly.



Bottom Panel

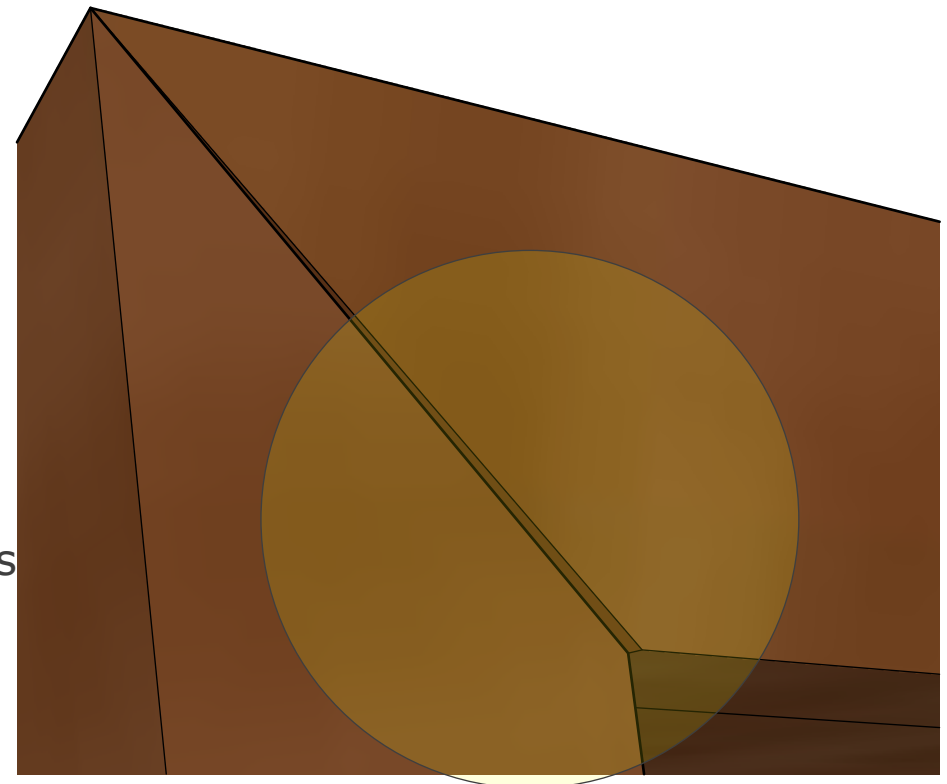


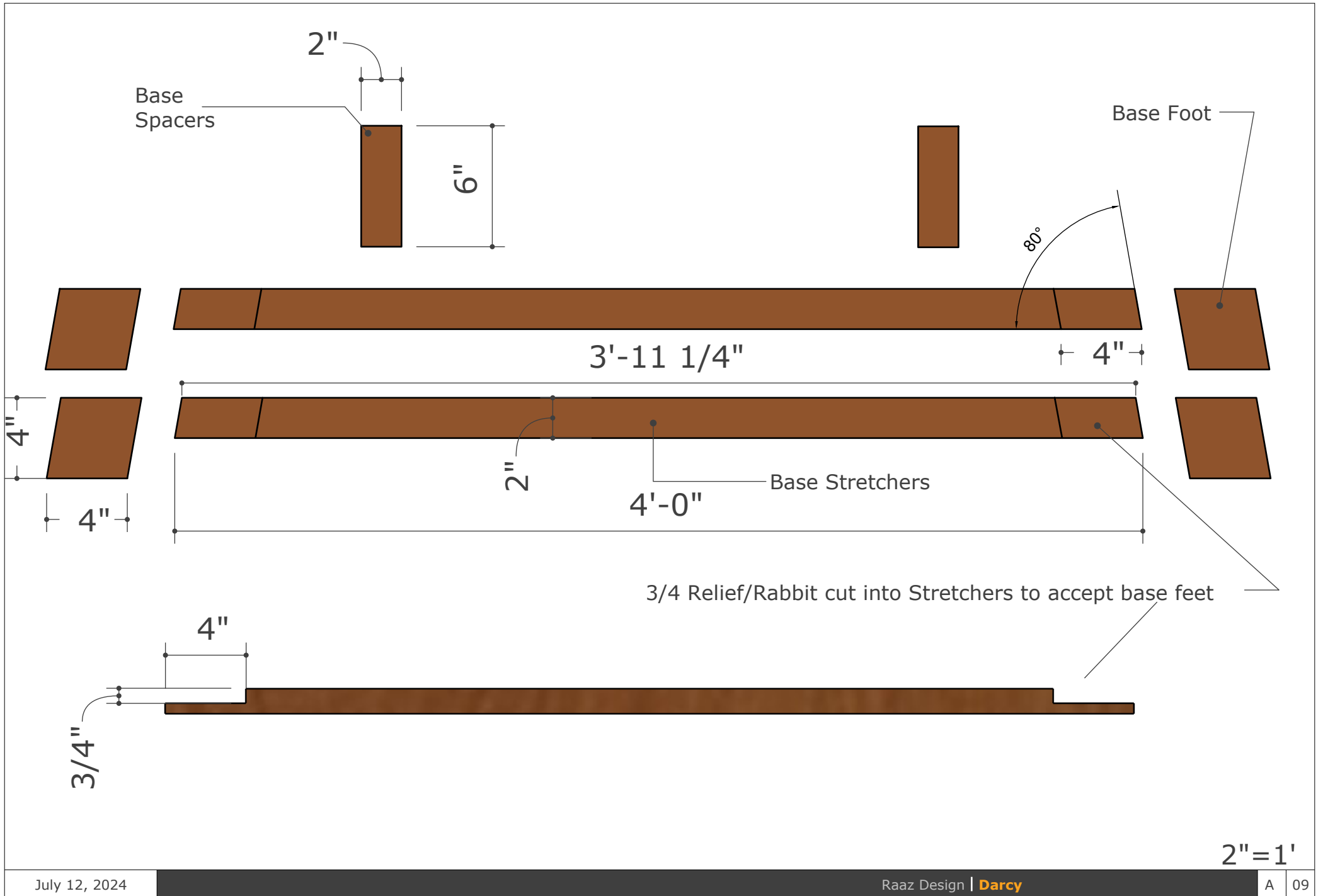
1" = 1'



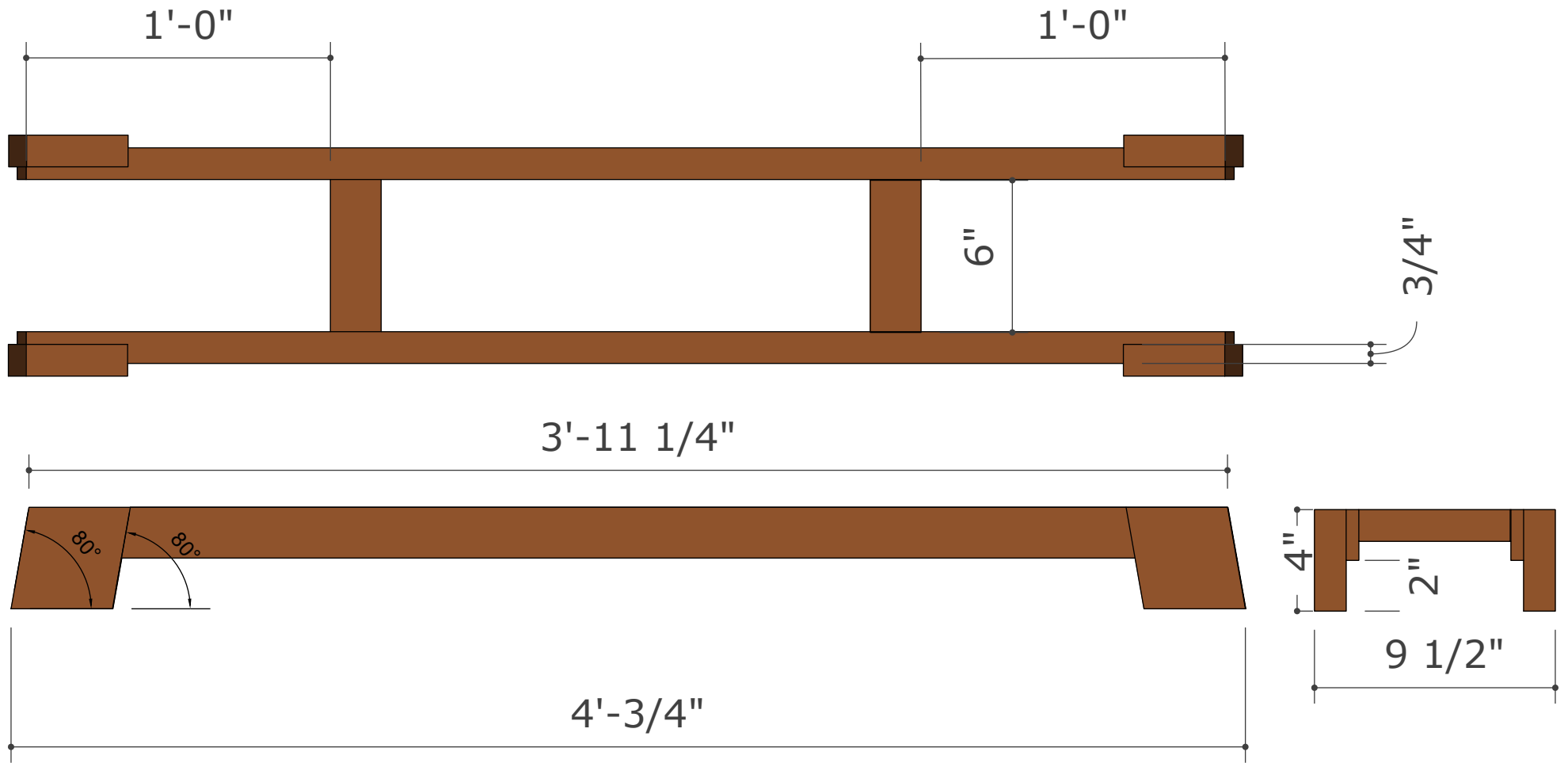
The Top - Side - Bottom panels all receive a 10 degree bevel on their edges that tapers towards the middle of the box. You'll notice all the angles on the design are 10 degrees so this carries through nicely. Just set your saw to 10 degrees and make your cuts as you normally would.

Because the side panel creates a compound angle where it joins the top and bottom expect the bevels to not align perfectly. They will be off by about 1/16" and need hand sanding to make them perfectly flush.

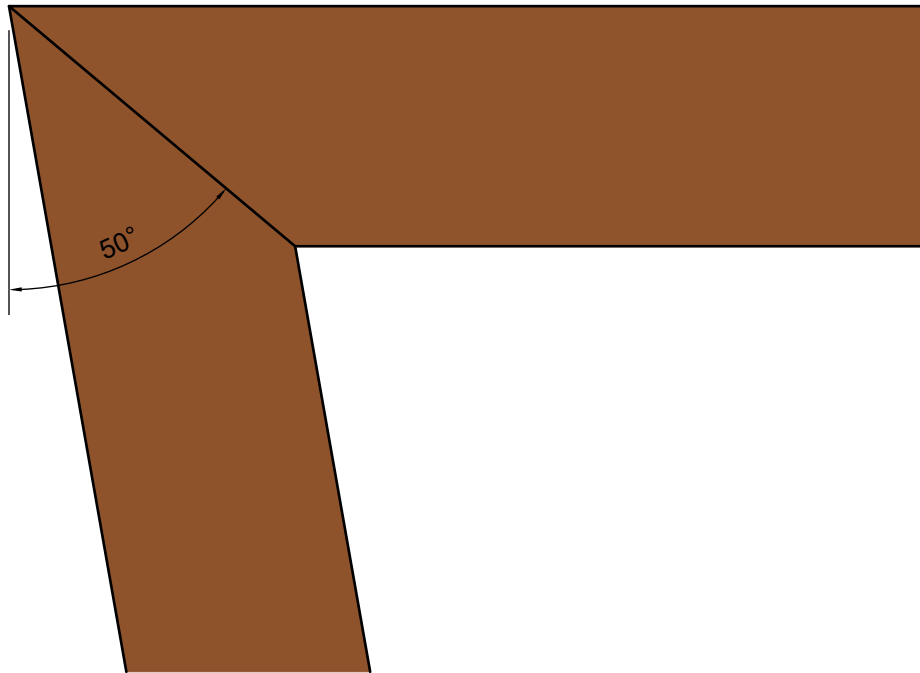




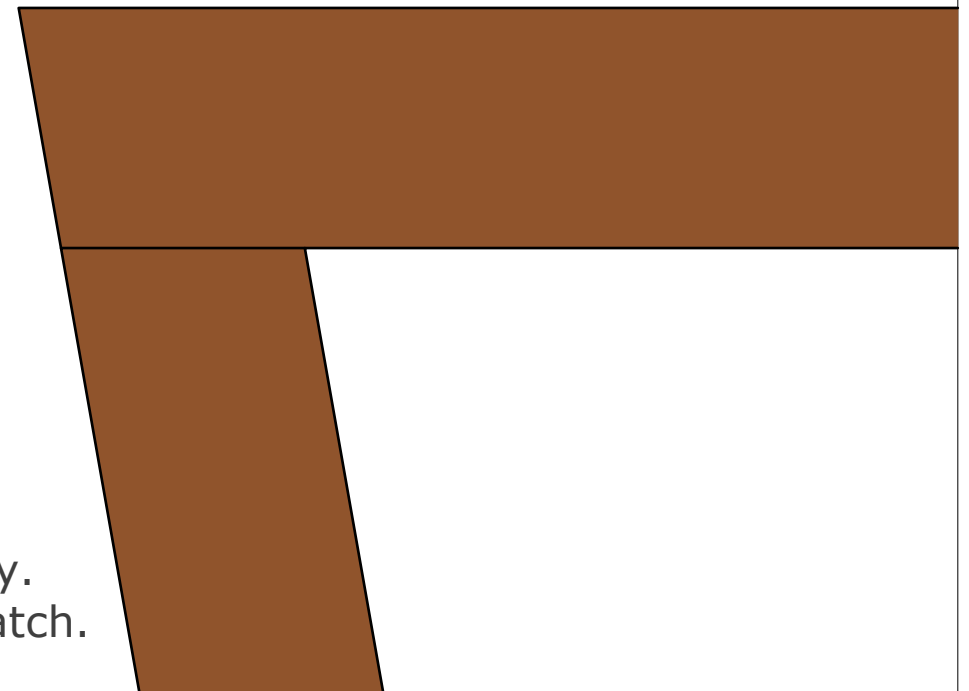
Assembled Base Dimensions



2" = 1'



Butt Joint Option:



Above is the miter joint as designed, to the right is a butt joint option the achieves the same angle to the box without having to cut the 50 degree angle. Simply cut a 10 degree angle on the side panel instead. NOTE: if you choose this style the bevels on edges of the side panels will not line up. You can get them to line up by cutting the side panel square and bevels on to the top and bottom to match only. Bottom panel bevel will need to be reversed to match.

Thank you! I hope you found this plan set useful.

I'd love to see your work and hear about your experience building the Darcy and anything I can do to improve the plans or videos.

Thank you,

Raaz Design