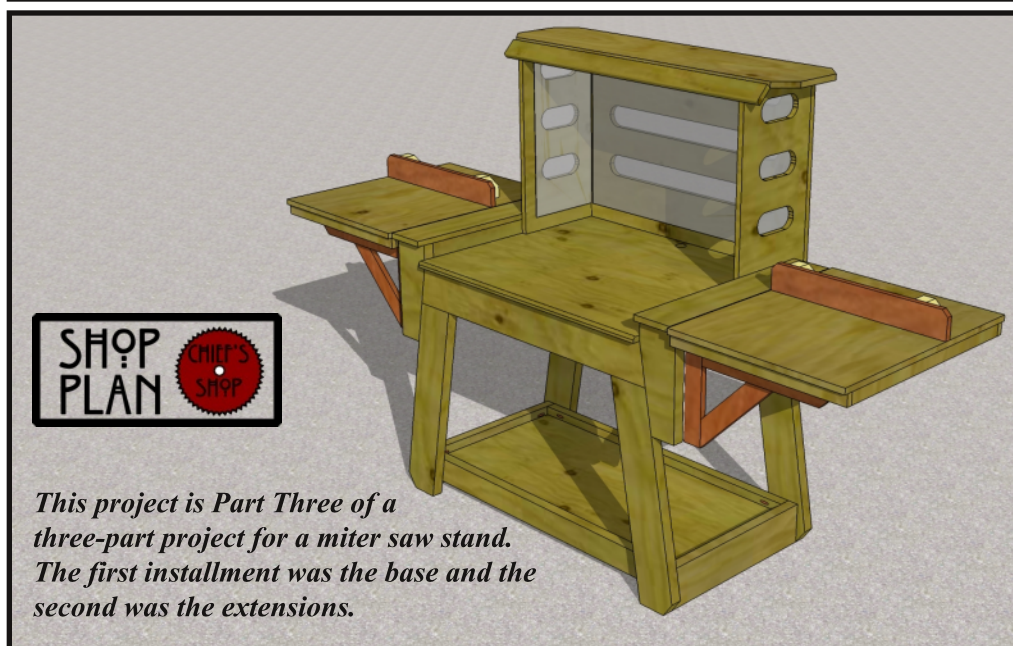


CHIEF'S SHOP PLAN OF THE WEEK



MITER SAW STAND: PART THREE: HOOD



- ### WHAT YOU'LL NEED
- LUMBER**
 1 - 3/4-inch x 4- x 8-foot sheet of plywood
(availability will vary)
- HARDWARE/SUPPLIES**
 1 - 2' x 4' clear acrylic sheet 1/16" thick
 1 - 2' x 2' clear acrylic sheet 1/16" thick
 2" deck screws
 1 1/4" pocket hole screws
 1 1/4" brads
 1/2" washer head lathe screws
 wood glue
(availability will vary)
- TOOLS**
 table saw
 miter saw
 jigsaw
 sander/belt sander
 drill/driver
 3-inch hole saw bit
 Kreg pocket hole jig
 utility knife
 clamps
 square
 T-square

This project is Part Three of a three-part project for a miter saw stand. The first installment was the base and the second was the extensions.

ABOUT THESE PLANS


On this first page you will see above the project complete. On the last page you'll find the finished outer dimensions. Be sure to read ALL of the project steps before you start.


To the right is a list of the Lumber, Hardware/Supplies, and Tools you will need to complete this project. A measuring tape and pencil are not included because that should be pretty standard and self explanatory.

Below What You'll Need is the Parts list. This also is included on the Cutting Diagram page, which is the next to last page of this plan document. Also on the Cutting Diagram page is an estimate of the cost of the lumber. This estimate doesn't include any other supplies and does not factor in sales tax.

Throughout these plans you'll find the icons below:

 **LAYOUT** This indicates a diagram detailing the dimensions of a project part and/or the placement for pocket holes, screws, nails, etc.

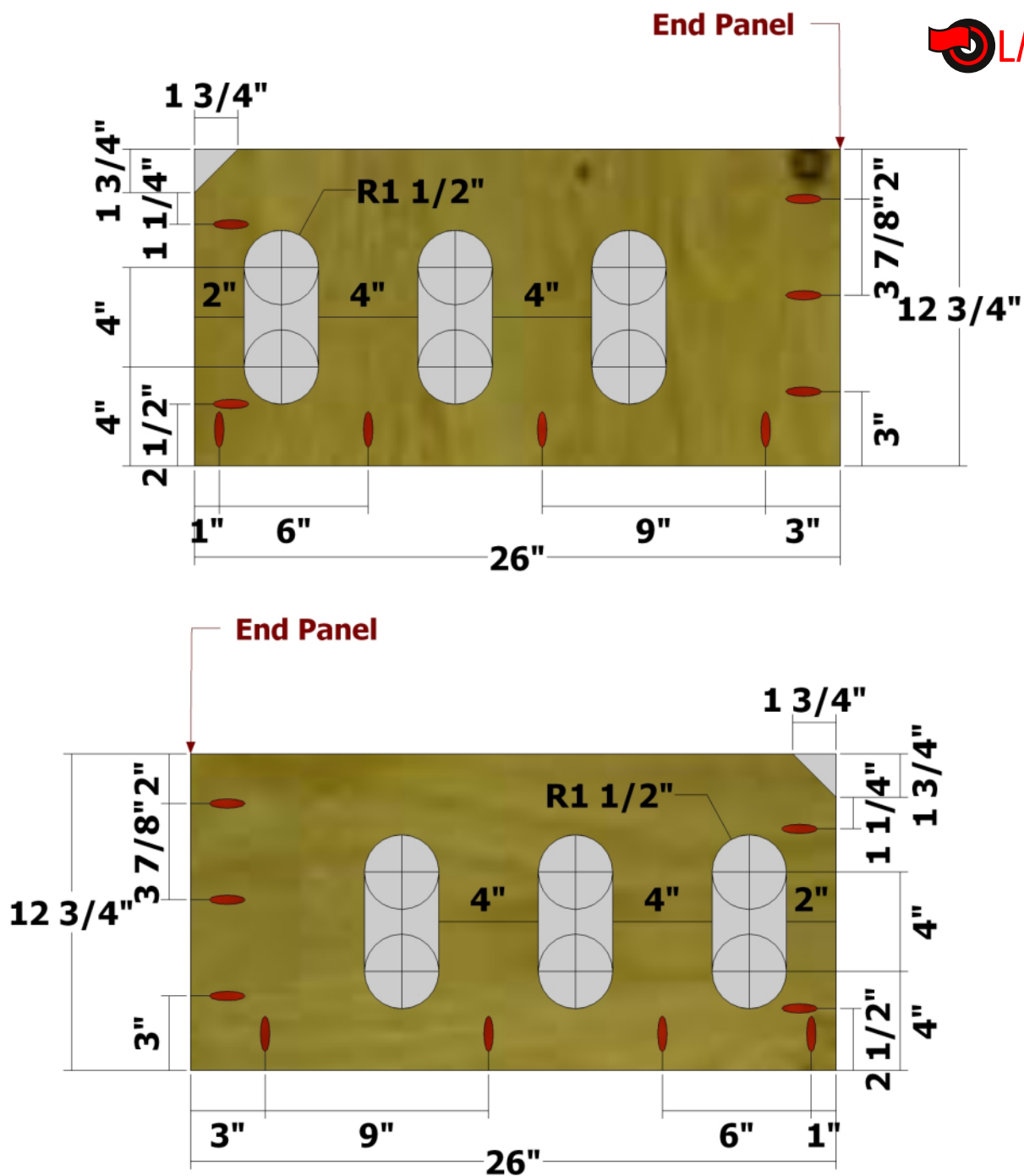
 **NOTE** Notes are the instructions for a particular step/section of the project.

 **TAKE CARE!** This indicates when to pay close attention to the diagrams, take precautions for safety, etc.

 **MORE PLANS**
 Want more Chief's Shop plans? Visit chiefs-shop.com and look through the Plans section.
 Be sure to "Like" Chief's Shop on facebook by heading over to facebook.com/ChiefsShop.

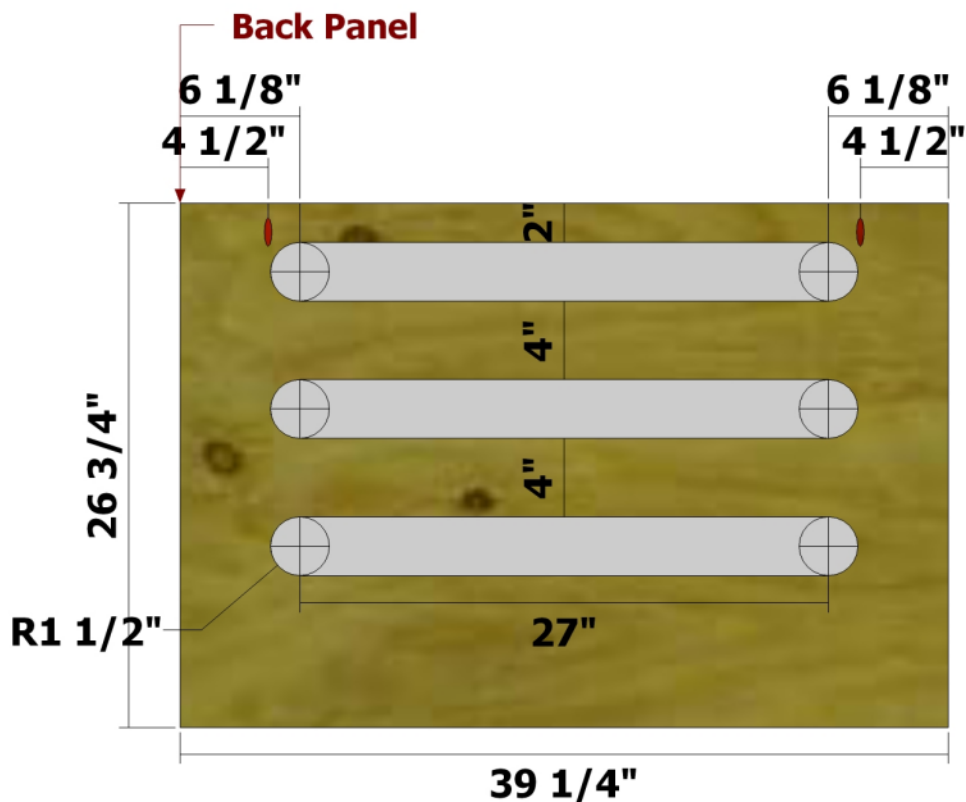
 **VIDEO?** Check out Chief's Shop Videos on YouTube. ([click here](#))

- ### PARTS
- End Panels (2)** - 3/4 x 12 3/4 x 26
Back Panel (1) - 3/4 x 39 1/4 x 26 3/4
Top (1) - 3/4 x 11 3/4 x 49
Back Acrylic Sheet (1) - 1/8 x 37 x 24
End Acrylic Sheets (2) - 1/8 x 10 3/4 x 24
Lip Support (1) - 3/4 x 1 1/2 x 6
Lip (1) - 3/4 x 2 1/2 x 44
- All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.



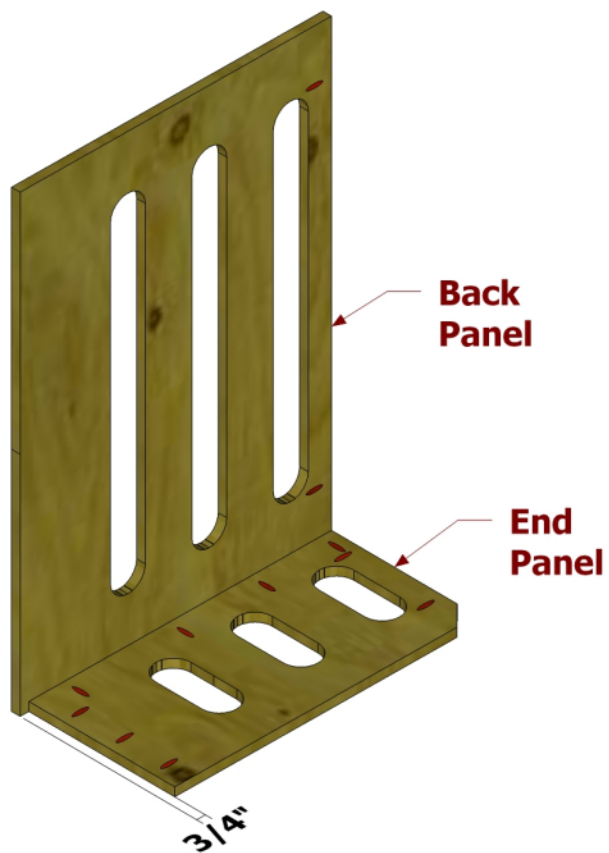
NOTE

Use the layouts for creating the End Panels. Use a 3-inch hole saw bit to create the starter holes for the openings. Set your Kreg Jig and drill bit for 3/4" stock.



 NOTE

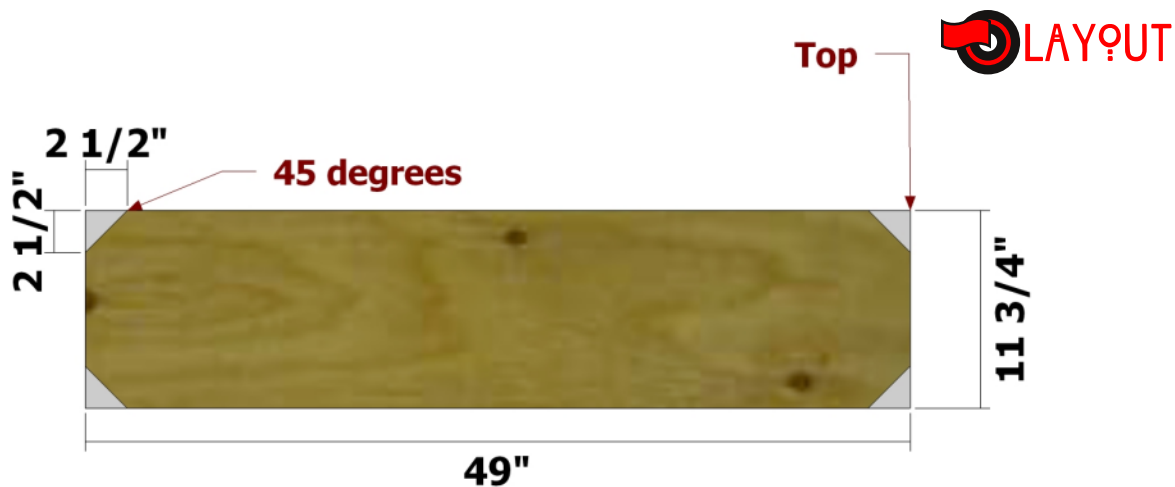
Use the layout for creating the Back Panel. Use a 3-inch hole saw bit to create the starter holes for the openings. Set your Kreg Jig and drill bit for 3/4" stock. NOTE: Measure the distance between your Extensions first, then cut the Back Panel to fit within the Extensions.



 **NOTE**

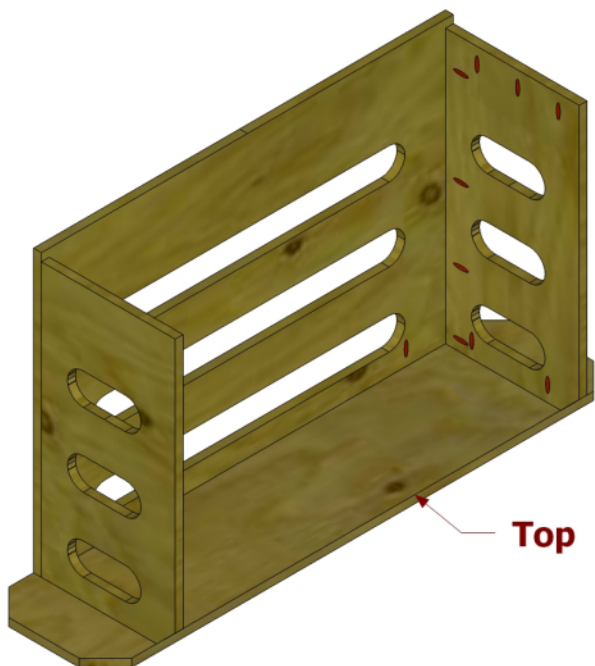
Position the parts as shown and attach using glue and 1 1/4" pocket hole screws.





 **NOTE**

Use the layout for creating the Top.

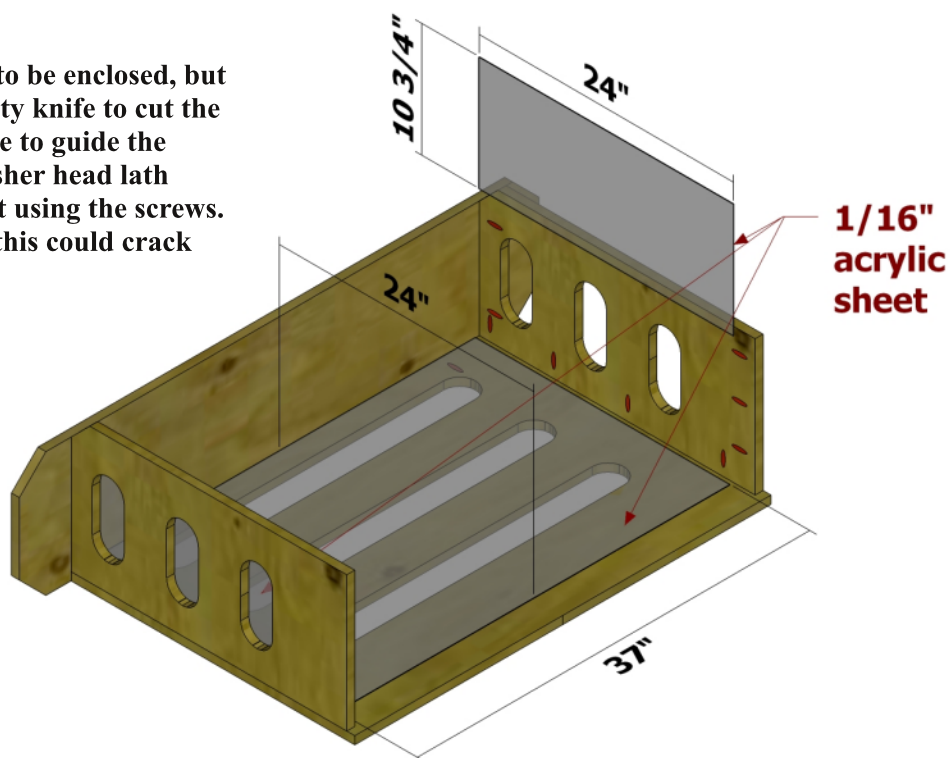


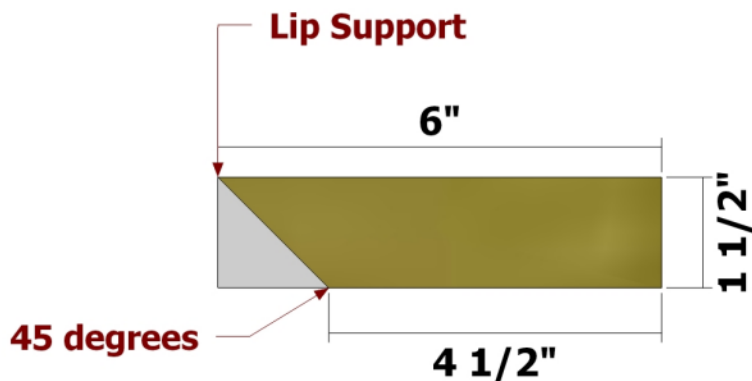
 **NOTE**

Position the parts as shown and attach using glue and 1 1/4" pocket hole screws.

NOTE

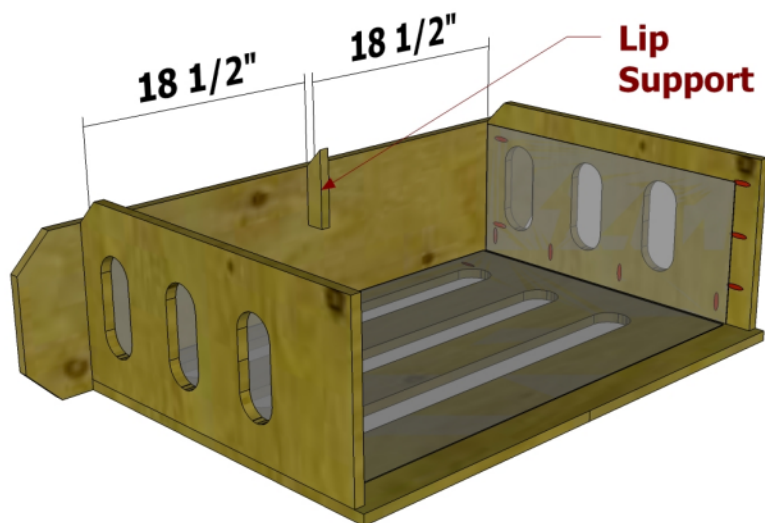
The acrylic sheet allows the hood to be enclosed, but still allow light to enter. Use a utility knife to cut the acrylic sheet to size (use a T-square to guide the cuts). Drill pilot holes for 1/2" washer head lath screws and attach the acrylic sheet using the screws. Do not over tighten the screws as this could crack the acrylic.





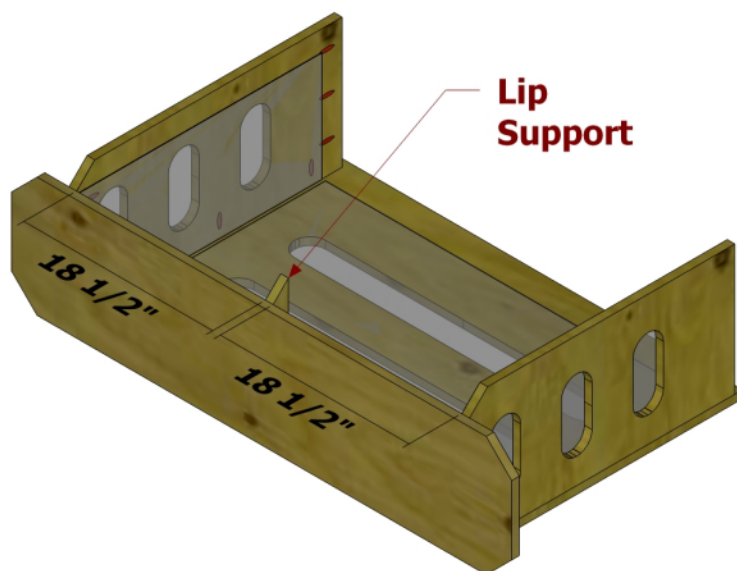
 NOTE

Use the layout for creating the Lip Support.



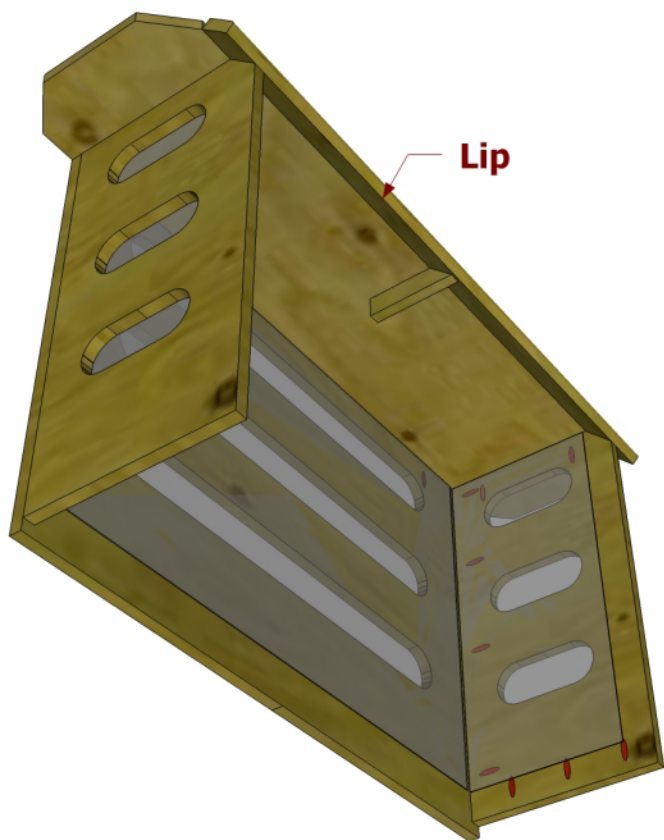
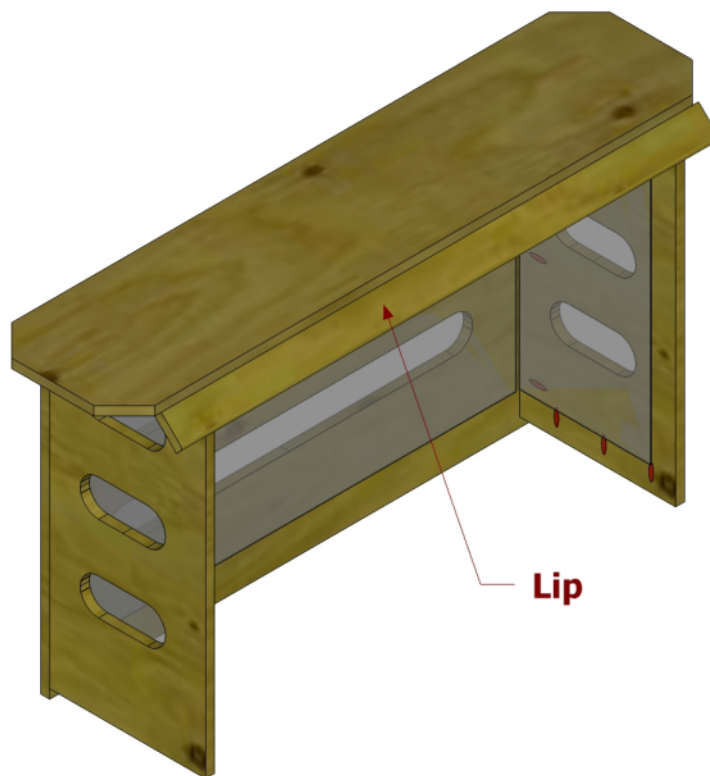
 NOTE

Position the Lip Support as shown and attach using glue and 2" deck screws driven through the Top.



 **NOTE**

Position the Lip as shown, and attach to the End Panels and Lip Support using glue and 1 1/4" brads.



 NOTE

Position the Hood Assembly with the 3/4" overhang on the Back Panel flush against the back edge of the Miter Saw Stand Base.





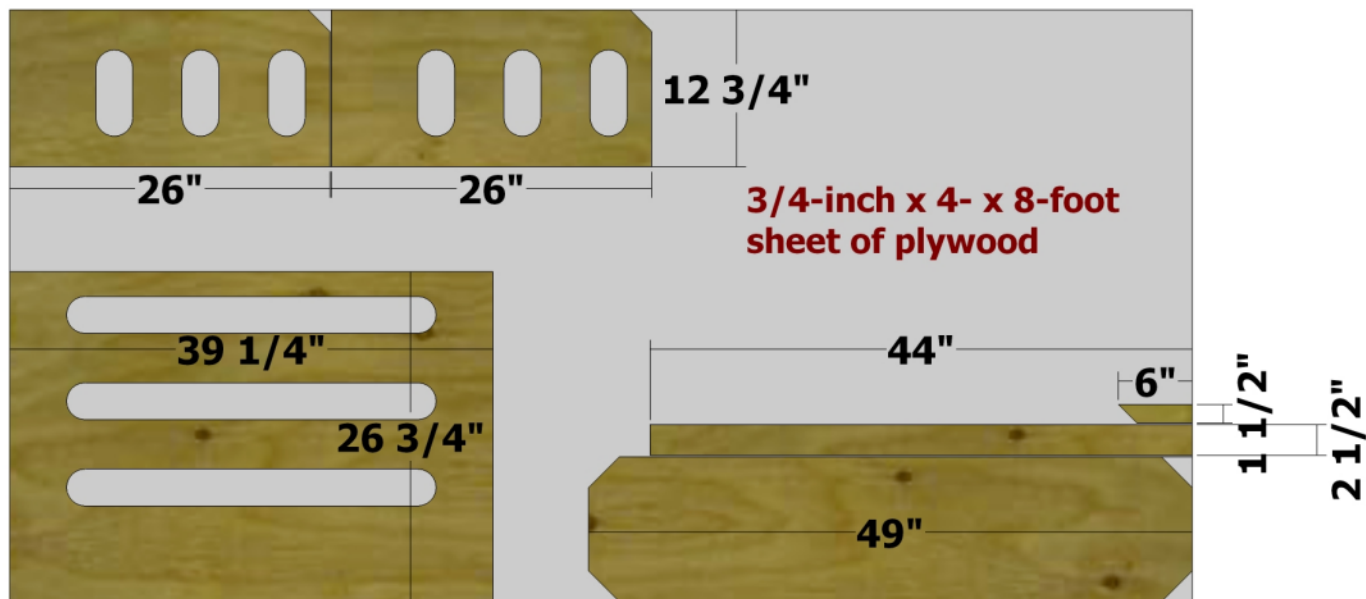
Attach the End Panels to the Miter Saw Stand Base using 1 1/4" pocket hole screws.



Attach the Back Panel to the Miter Saw Stand Base using 2" deck screws. Drill pilot holes for the screws.



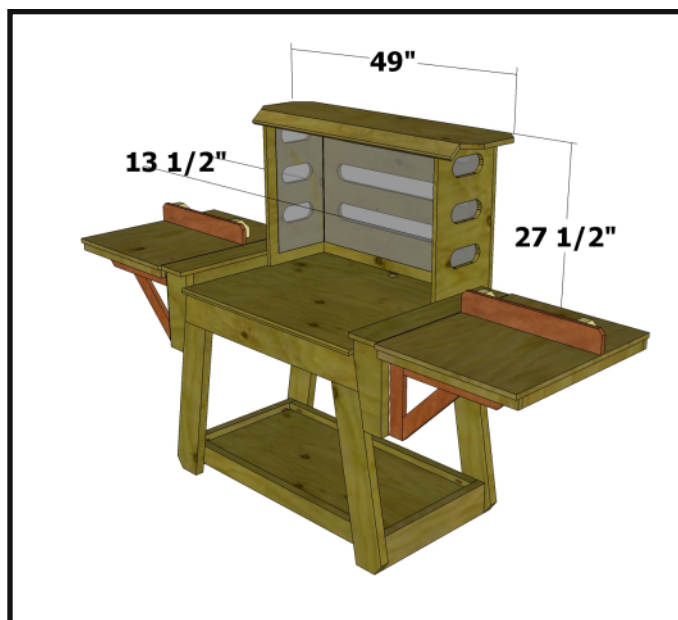
CUTTING DIAGRAM



PARTS

- End Panels (2) - 3/4 x 12 3/4 x 26
- Back Panel (1) - 3/4 x 39 1/4 x 26 3/4
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- End Acrylic Sheets (2) - 1/8 x 10 3/4 x 24
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- Lip (1) - 3/4 x 2 1/2 x 44

All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.



TAKE CARE!

Follow ALL SAFETY GUIDELINES AND RECOMMENDATIONS provided by the manufacturers of your tools, and any chemicals such as glue and finishes you use in this project. YOU are responsible for your safety, so use common sense when working in the shop!