



Plant Propagation Display

PROJECT PLANS

Finished Dimensions: 9-1/2"W x 5-1/2"H x 3-1/4"D

Skill Level: Beginner

Materials

Item	Qty
1" x 6"x 36" Board *	1
1" x 3"x 36" Board *	1
1-1/4"x 23-Gauge Collated Pin Nails	1 Box
Cylinder Glass Jar-4 Ounce 1-3/4"x 6-1/4" (Found at Hobby Lobby)	2
Cylinder Glass Jar-3 Ounce 1-3/4"x 4-1/4" (Found at Hobby Lobby)	1
Sandpaper **: 150g, 220g & 320g	
Hole Saw: 1- 7/8"	
Wood Glue	

* Board Dimensions are "nominal". Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

** Starting grit will depend on board surface condition, a rough surface will require starting with a coarse grit first.

Grit is measured in the coarseness of the particles on the sandpaper. The lower the grit number, the coarser the paper. Heavy sanding would require 60 to 80 grit, medium sanding would require 120 to 220 grit, and finish sanding would require 320 to 400 grit. Super fine sanding would be 600 grit and higher.

A select/premium board or plywood comes with a smoother surface finish. It is clear or has very few tight knots, and it will have straight and sharp edges. This grade of wood pairs well with other boards or panels better and requires less time to sand and finish.

Tools Used



7-1/4" Sliding
Compound Miter Saw



Drill/Driver



23GA Pin Nailer



5" Random Orbit
Sander



Tape Measure



Hole Saw



5" Orbit Sandpaper

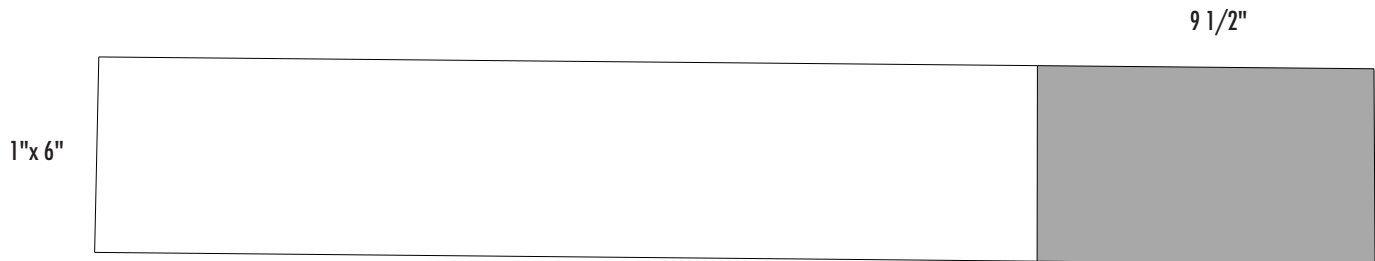
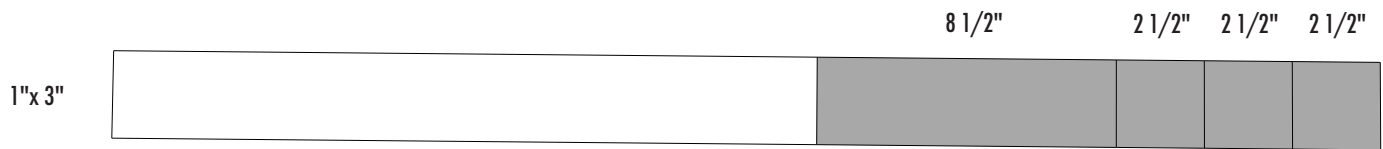
Also Needed: Safety Glasses, Speed Square and Clamps

Lumber Cut List

Board*	Description	Cut to	Qty
1" x 6"	Back Board	9-1/2"	1
1" x 3"	Tube Holders	2-1/2"	3
1" x 3"	Base	8-1/2"	1

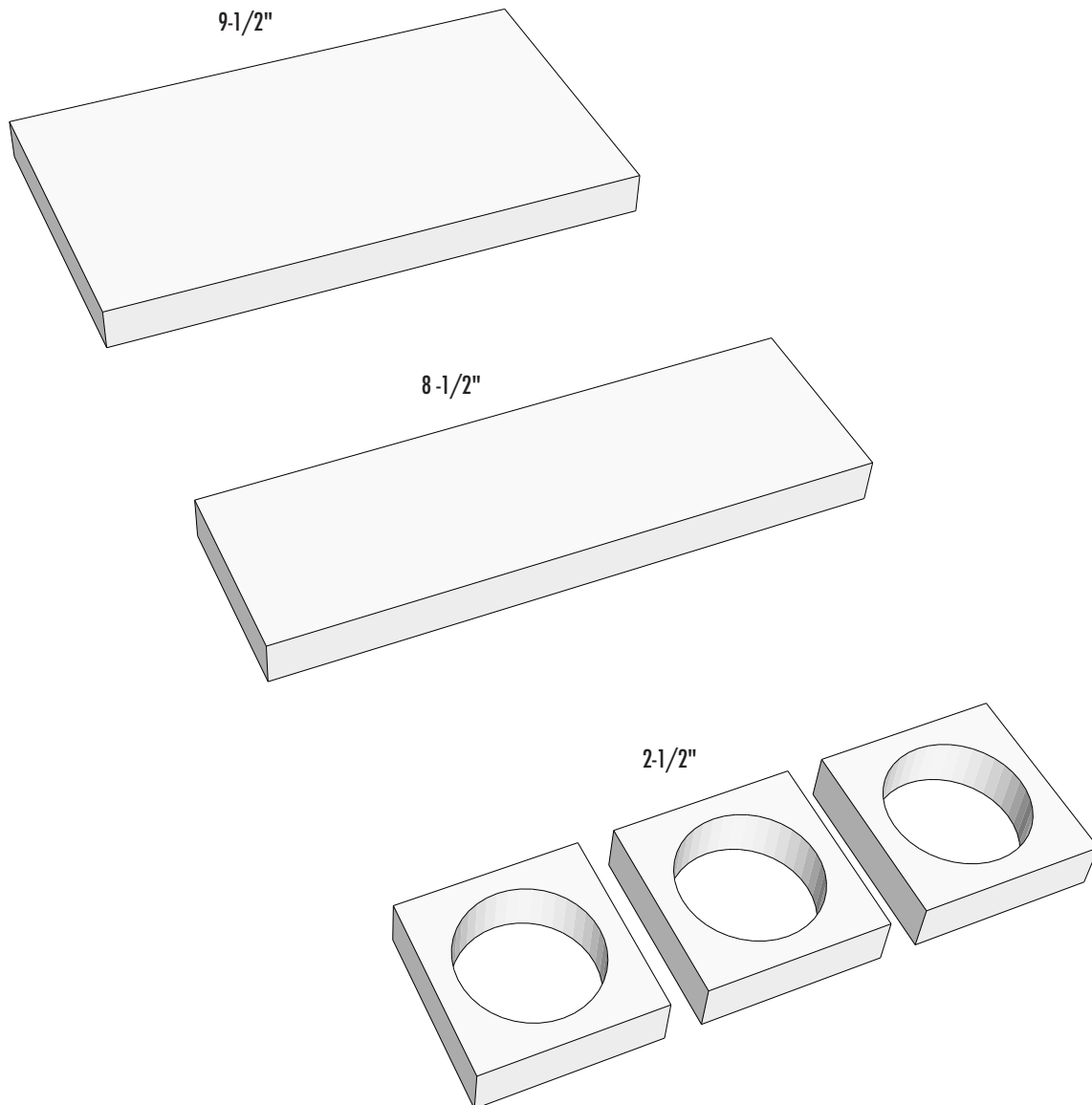
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Lumber & Sheet Layout Guide



Lumber & Sheet Cut Layout Guide

Boards

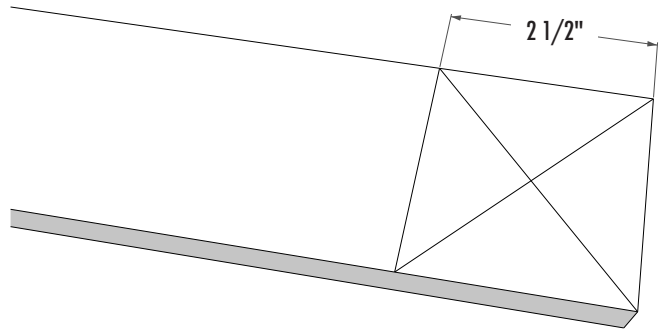


Assembly Instructions

Step 1



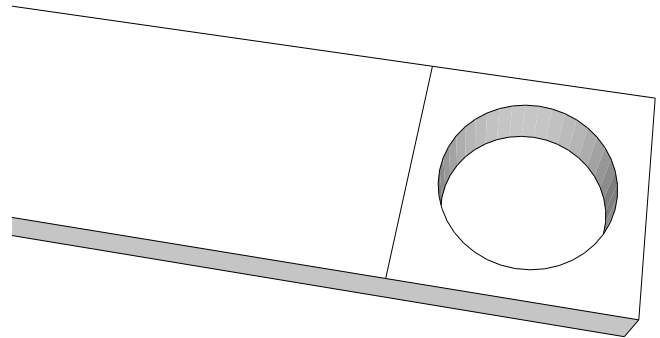
On one end of the 1"x 3" board measure 2-1/2" and mark to cut. Then draw crossing line to find center.



Step 2



At intersection of lines, drill a 1-7/8" hole with Hole Saw.

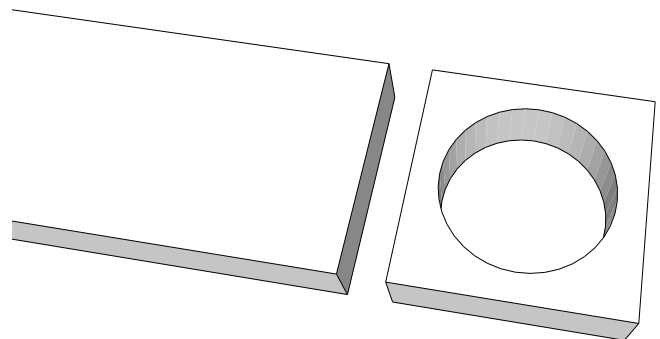


Step 3



Cut piece of wood at 2-1/2" mark.

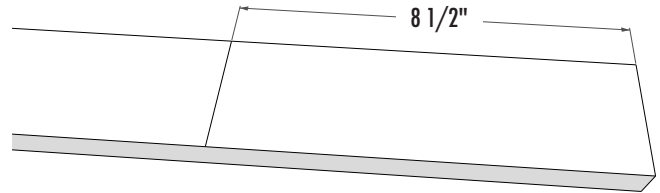
Repeat steps 1 & 2 to make three tube holder pieces.



Step 4



Measure 8-1/2" and mark on 1"x 3" board, cut to length.

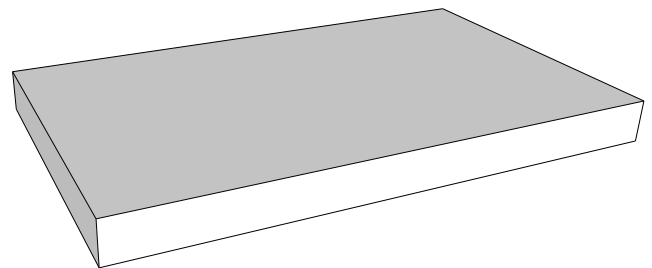


Step 5



Cut 1"x 6" board to 9-1/2" long.

Sanding pieces prior to building can make the process easier before final assembly. Refer to last page for sanding information.

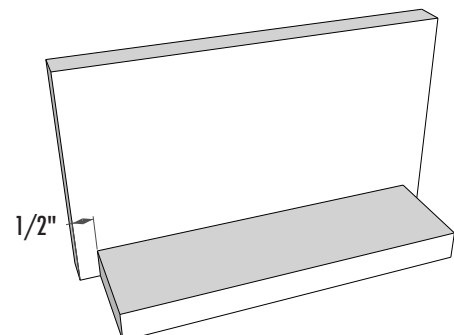


Step 6



Align base piece to bottom edge of back board and center. This will give you a 1/2" space on both sides.

Attach with glue and pin nails from the back.

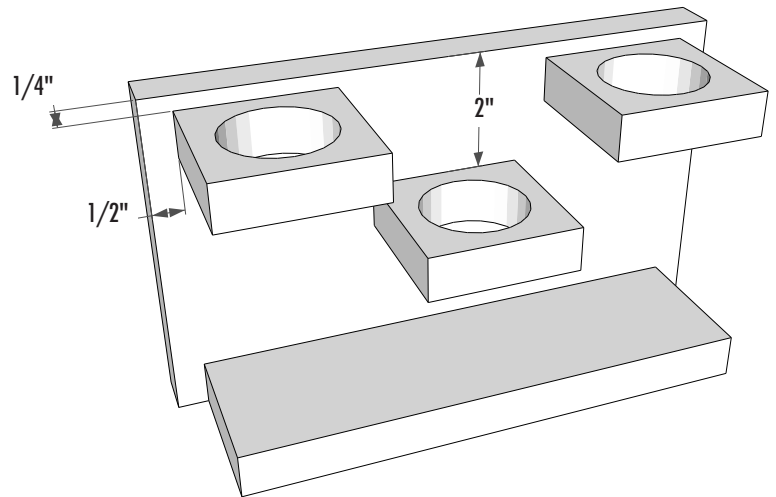


Step 7



Follow diagram for mounting location of tube holders.

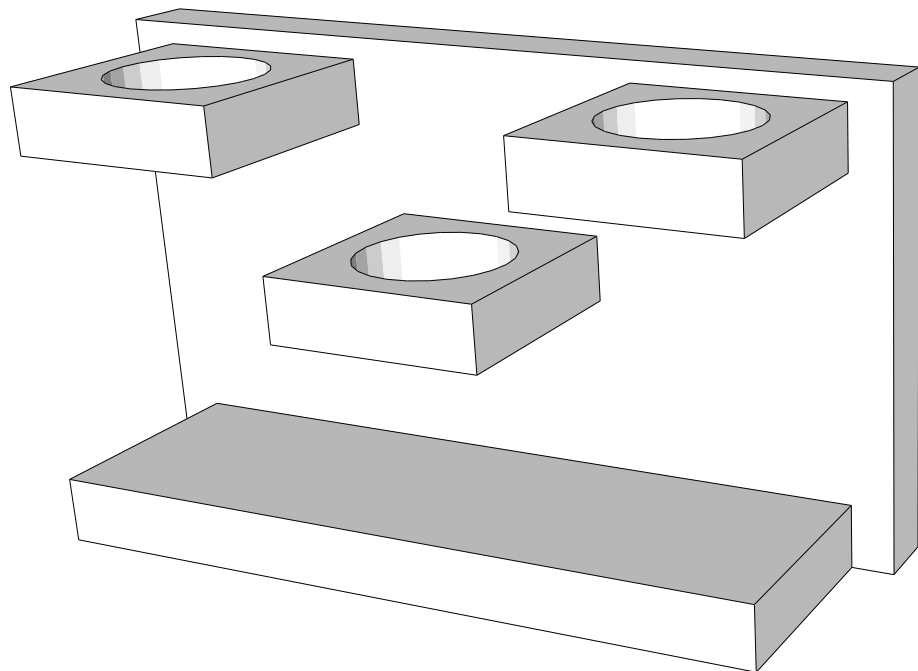
Attach with glue and pin nail from the back.



Step 8

Finish to your desire.

Project complete!



Rougher finish – Use 60-80 grit sandpaper to hand sand with the grain of the wood.

Smoother finish – Use 60-80 grit sandpaper to remove scratches & imperfections. Followed by using 120-220 grit to smooth.

Finish Sanding – Use 320-400 grit sandpaper

Super fine sanding – Use 600+ grit sandpaper

