



Wooden Reindeer

PROJECT PLANS

Finished Dimensions: 14"W x 24"H x 17"D

Skill Level: Beginner

Materials

Item	Qty
1/2" x 24"x 48" Birch Plywood* (Sanded)	1
Sandpaper** : 150g, 220g & 320g	

* 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



Jig Saw



5" Random Orbit Sander



Tape Measure



5" Orbit Sandpaper

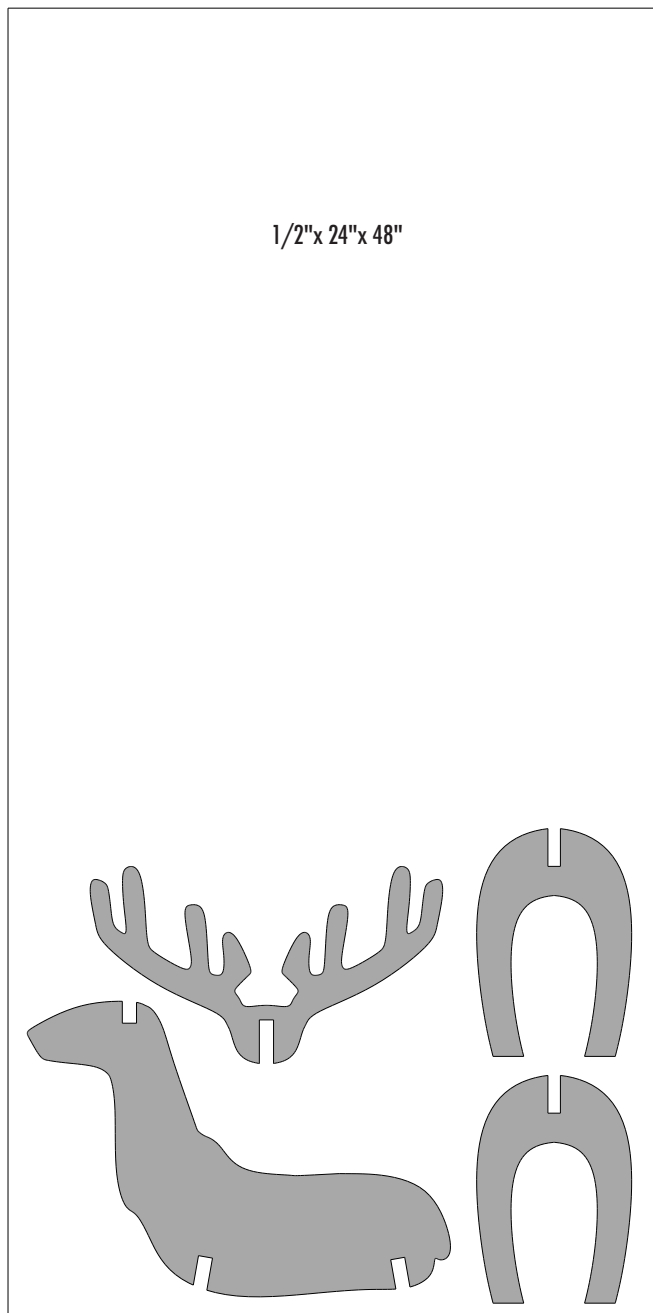
Also Needed: Safety Glasses, Speed Square and Clamps

Lumber Cut List

Sheet*	Description	Qty
1/2" Plywood	Body	1
1/2" Plywood	Legs	2
1/2" Plywood	Antlers	1

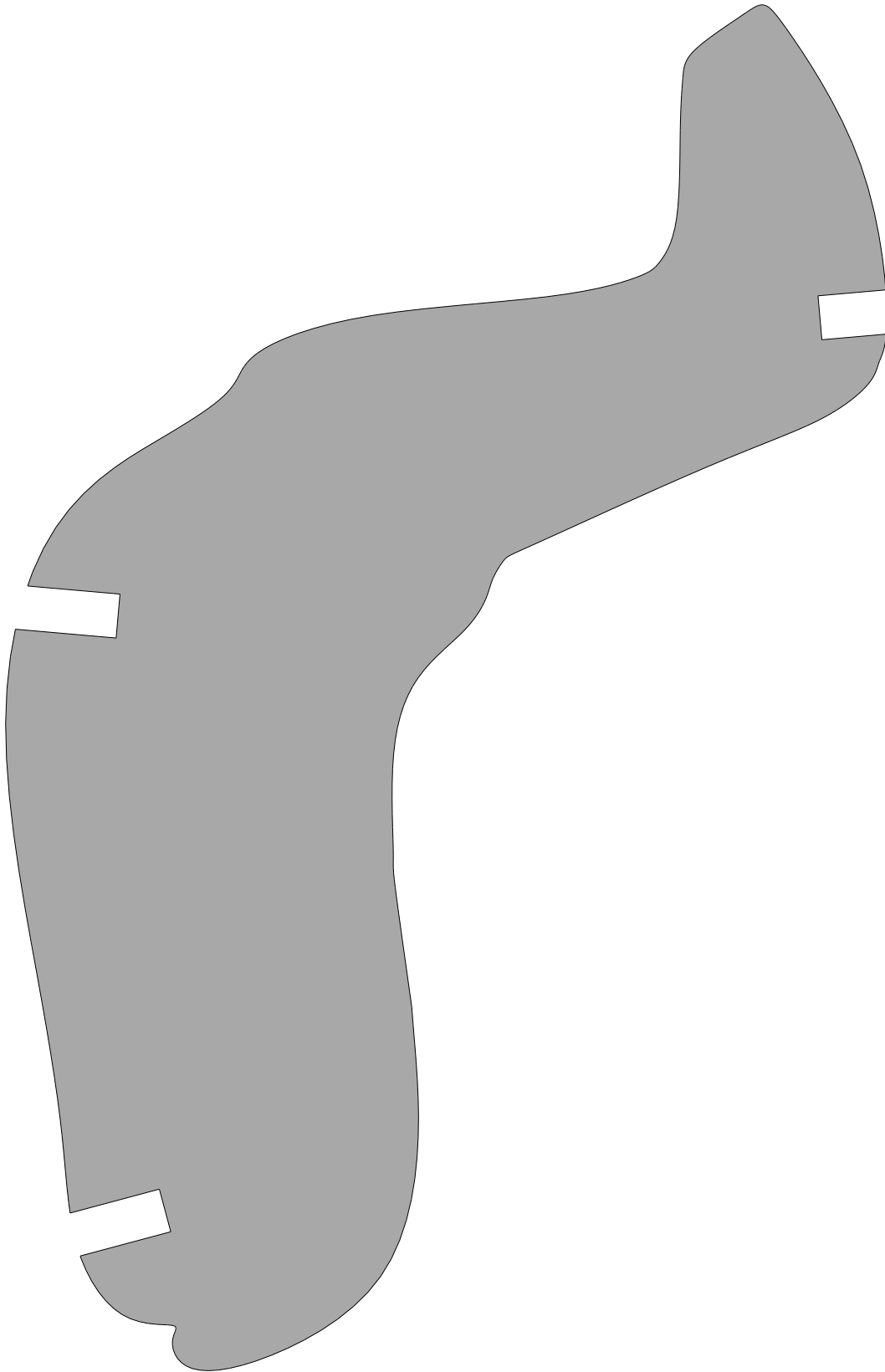
*Board Dimensions are "nominal". Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

Lumber & Sheet Layout Guide



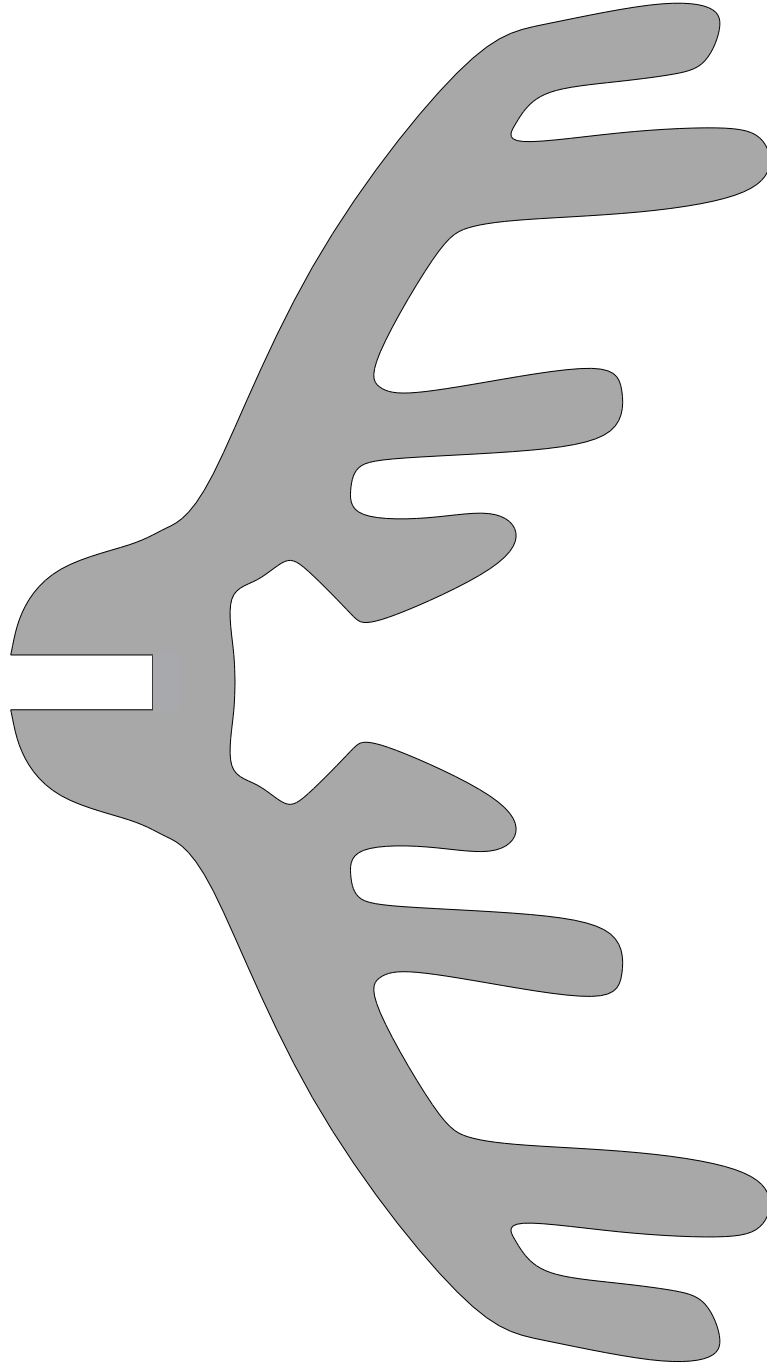
Reindeer Pattern

Body



Reindeer Pattern

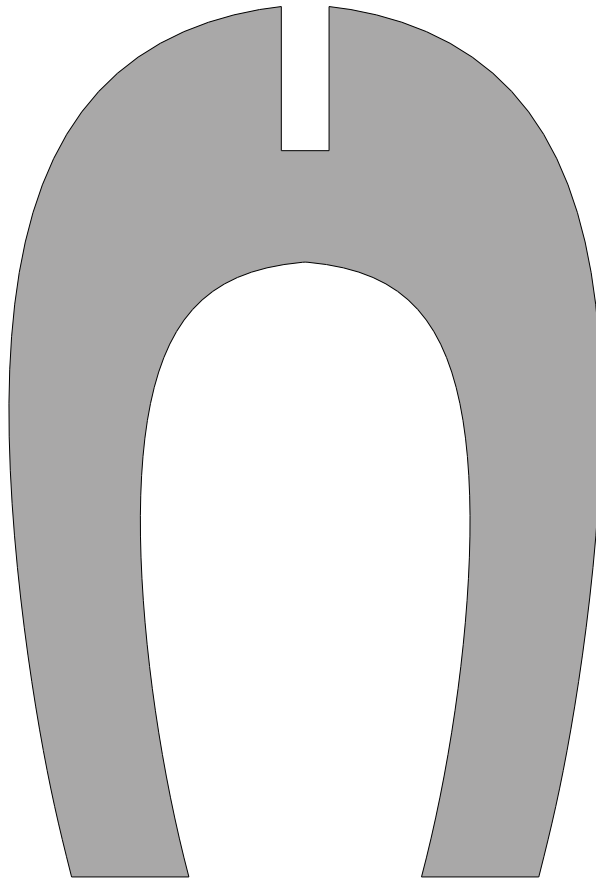
Antlers



Reindeer Pattern

Legs

(x2)



Assembly Instructions

Step 1



Print out pattern sheets to actual size. Then copy each sheet and scale up 190% on 11"x 17" paper. Sheet may need to be shifted to copy entire image.

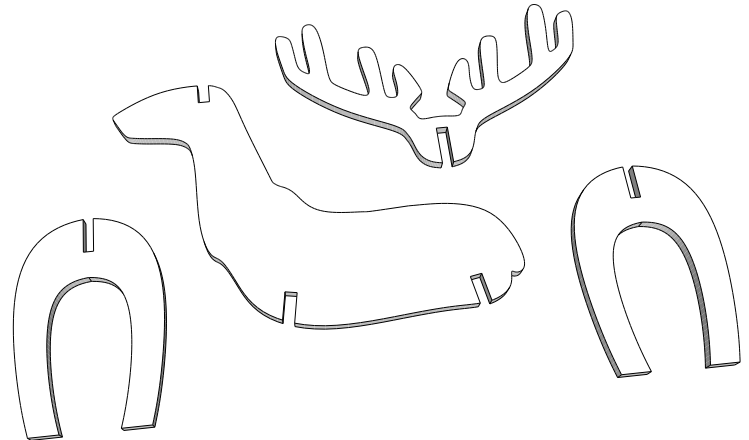
Additional patterns can be cut out at different sizes. Adjust slot size to accommodate 1/2 plywood.

Step 2



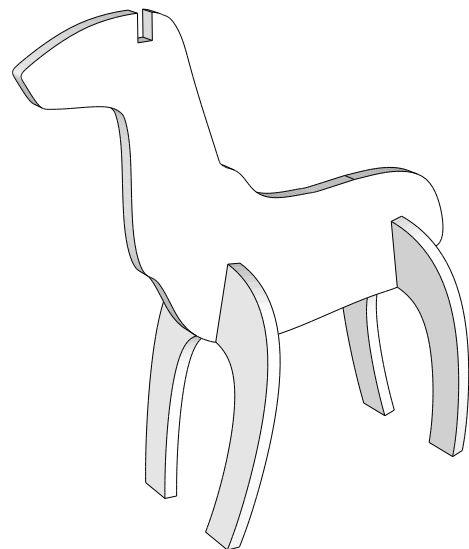
Cut out all material using the Lumber & Sheet Cut Layout Guide.

Some initial sanding can be done after cutting the boards and panels. Sanding pieces prior to building can make the process easier before final assembly. Refer to last page for sanding information.



Step 3

Slide legs into body.

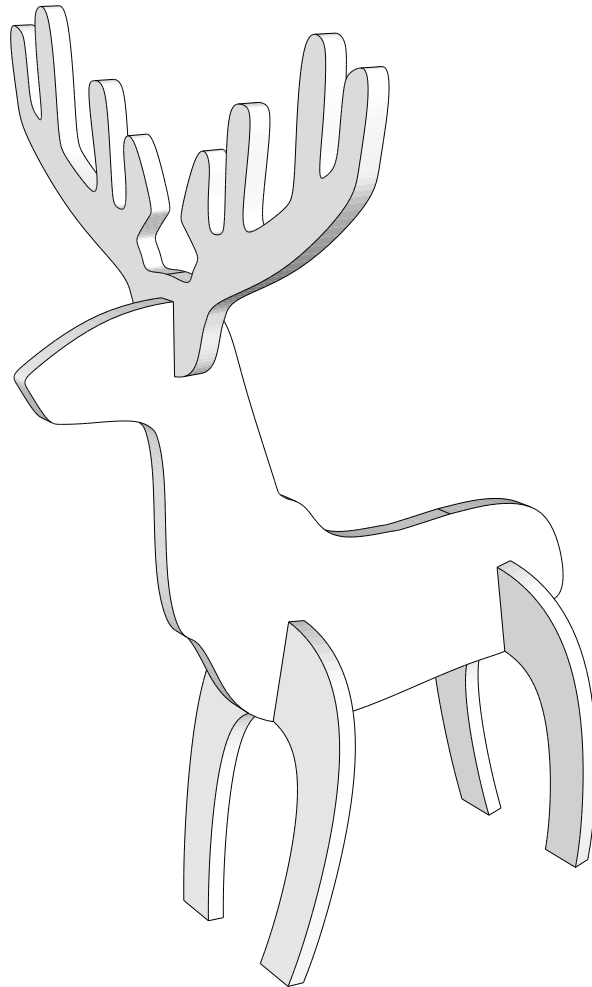


Step 4

Insert antlers into body.

Disassemble and finish to you 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

