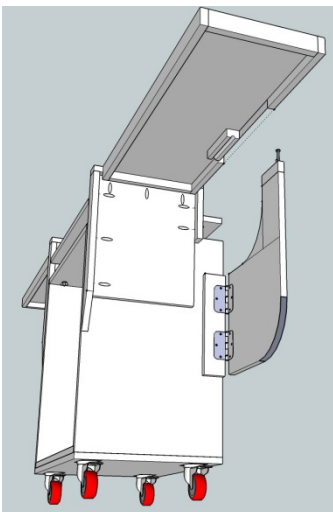
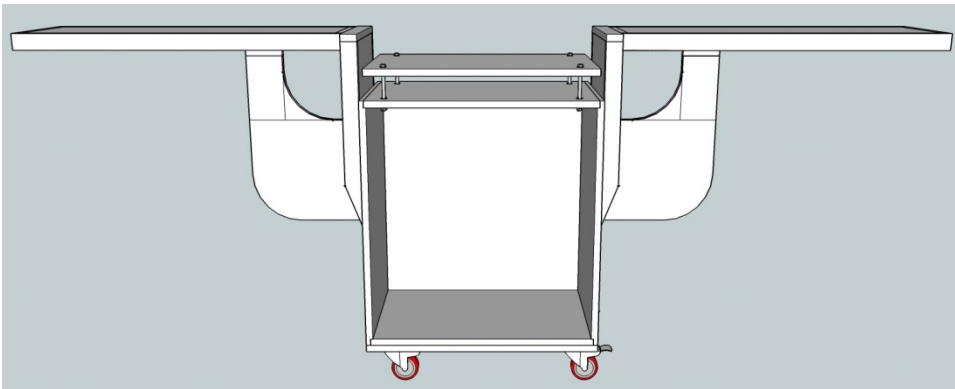
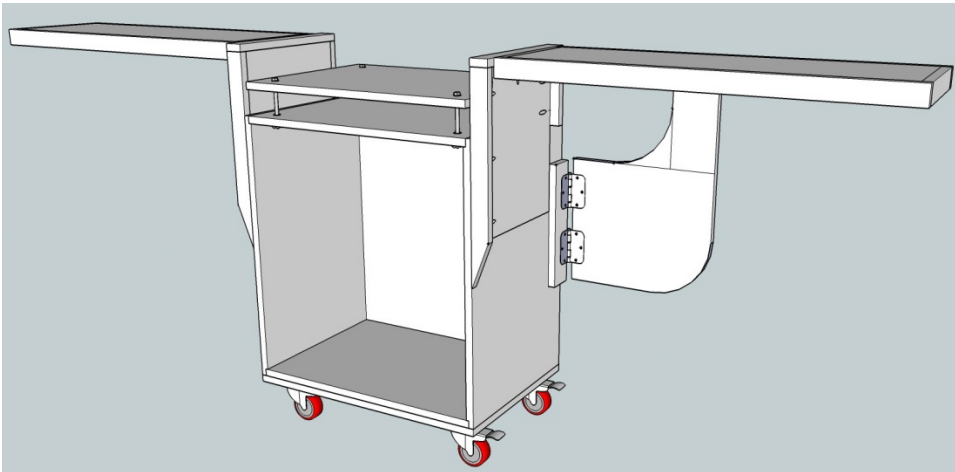


Rolling, Folding Chop Saw Stand

November 2013 – <http://www.davidcox.org> – info@davidcox.org



Cutlist

Part	Dimensions	Name	Material
1	18 x 27-3/4	Case Side	3/4 Plywood
2	18 x 27-3/4	Case Side	3/4 Plywood
3	18 x 25-1/4	Case Top	3/4 Plywood
4	18 x 25-1/4	Case Bottom	3/4 Plywood
5	26-3/4 x 25-1/4	Case Back	3/4 Plywood
6	18 x 26-1/4	Case Baseplate	3/4 Plywood
7	18 x 25-1/4	Tool Bed Platform	3/4 Plywood
8	10-3/4 x 33-1/2	Wing Top	3/4 Plywood
9	10-3/4 x 33-1/2	Wing Top	3/4 Plywood
10	13 x 15-3/4	Riser Panel	3/4 Plywood
11	13 x 15-3/4	Riser Panel	3/4 Plywood
12	15 x 21	Hinged Wing Support	3/4 Plywood
13	15 x 21	Hinged Wing Support	3/4 Plywood
14	2-3/4 x 13	Hinge Mount Plate	3/4 Plywood
15	3/4 x 1-3/4 x 35	Wing Front/Back Trim	Hardwood
16	3/4 x 1-3/4 x 35	Wing Front/Back Trim	Hardwood
17	3/4 x 1-3/4 x 35	Wing Front/Back Trim	Hardwood
18	3/4 x 1-3/4 x 35	Wing Front/Back Trim	Hardwood
19	3/4 x 1-3/4 x 10-3/4	Wing End Trim	Hardwood
20	3/4 x 1-3/4 x 10-3/4	Wing End Trim	Hardwood
21	3/4 x 1-3/4 x 10-3/4	Wing End Trim	Hardwood
22	3/4 x 1-3/4 x 10-3/4	Wing End Trim	Hardwood
23	3/4 x 1 x 6	Wing Bolt Trough Block	Hardwood
24	3/4 x 1 x 6	Wing Bolt Trough Block	Hardwood
25	3/4 x 1-3/4 x 20	Riser Front Trim	Hardwood
26	3/4 x 1-3/4 x 20	Riser Front Trim	Hardwood
27	3/4 x 1-3/4 x 14-1/2	Riser Top Trim	Hardwood
28	3/4 x 1-3/4 x 14-1/2	Riser Top Trim	Hardwood
29	3/4 x 1-3/4 x 7	Riser Rear Trim	Hardwood
30	3/4 x 1-3/4 x 7	Riser Rear Trim	Hardwood
31	2-1/4 x 36	Fence Vertical	3/4 Plywood
32	2-1/4 x 36	Fence Vertical	3/4 Plywood
33	3 x 36	Fence Horizontal	3/4 Plywood
34	3 x 36	Fence Horizontal	3/4 Plywood



Hardware List

Quantity	Item	System	Source
4	Door Hinge	Hinged Wing Supports	Hardware Store
2	12" Piano Hinge	Hinged Wings	Hardware Store
4	5/16 x 5" Hex Bolt	Tool Platform Leveler	Hardware Store
16	5/16 Flat Washer	Tool Platform Leveler	Hardware Store
4	5/16 Cut Lock Washer	Tool Platform Leveler	Hardware Store
8	5/16 Nut	Tool Platform Leveler	Hardware Store
4	5x16 Wingnut	Tool Platform Leveler	Hardware Store
2	1/4-20 x 3" Carriage Bolt	Wing Leveler	Hardware Store
2	1/4" Flat Washer	Wing Leveler	Hardware Store
2	1/4" Cut Lock Washer	Wing Leveler	Hardware Store
2	1/4-20 Wingnut	Wing Leveler	Hardware Store
4	4" Locking Caster	Wheels	Hardware Store
16	1/4-20 x 2" Carriage Bolt	Wheels	Hardware Store
16	1/4" Flat Washer	Wheels	Hardware Store
16	1/4" Cut Lock Washer	Wheels	Hardware Store
16	1/4"-20 Nut	Wheels	Hardware Store
4	1/4-20 x 3" Hex Bolt	Saw Bolt Mount (check your saw for correct length)	Hardware Store
8	1/4" Flat Washer	Saw Bolt Mount	Hardware Store
4	1/4" Cut Lock Washer	Saw Bolt Mount	Hardware Store
4	1/4" Wing Nut	Saw Bolt Mount	Hardware Store
6	1/4" T-Track ~6" Long	Fence	Rockler, Amazon or Woodcraft
6	1/4-20 x 1-1/2" Hex Bolt	Fence	Hardware Store
6	1/4" Flat Washer	Fence	Hardware Store
4	1/4-20 Knob	Fence	Rockler, Amazon or Woodcraft
4	Kreg KMS8000 Precision Trak and Stops Kit	Fence	Rockler, Amazon or Woodcraft



Hardwood Cutlist

(1) 8' long piece of 1x6 or 1x8 hardwood is required

If using 1x6:

Supply piece 1

5	15: 1 3/4 x 35	18: 1 3/4 x 35		19: 1 3/4 x 10 3/4	22: 1 3/4 x 10 3/4	23: 1 x 6	4
	16: 1 3/4 x 35	25: 1 3/4 x 20	27: 1 3/4 x 14 1/2	20: 1 3/4 x 10 3/4	29	24: 1 x 6	1
	17: 1 3/4 x 35	26: 1 3/4 x 20	28: 1 3/4 x 14 1/2	21: 1 3/4 x 10 3/4	30		2

Or, if using a 1x8:

Supply piece 1

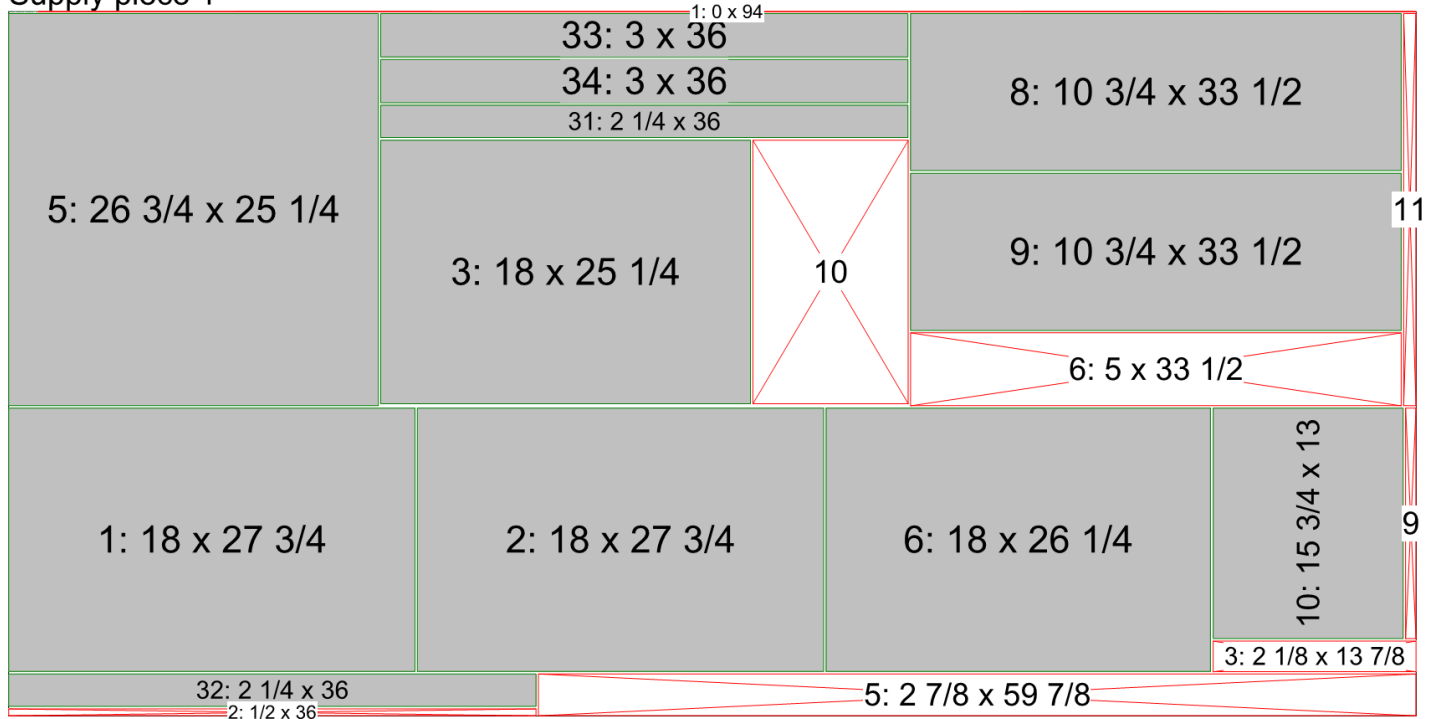
5	15: 1 3/4 x 35	16: 1 3/4 x 35		25: 1 3/4 x 20			2
	17: 1 3/4 x 35	28: 1 3/4 x 14 1/2	19: 1 3/4 x 10 3/4	20: 1 3/4 x 10 3/4	21: 1 3/4 x 10 3/4	22: 1 3/4 x 10 3/4	3
	18: 1 3/4 x 35	29	23: 1 x 6	24: 1 x 6	4: 3 3/4 x 47 1/2		
	26: 1 3/4 x 20	27: 1 3/4 x 14 1/2	30				1



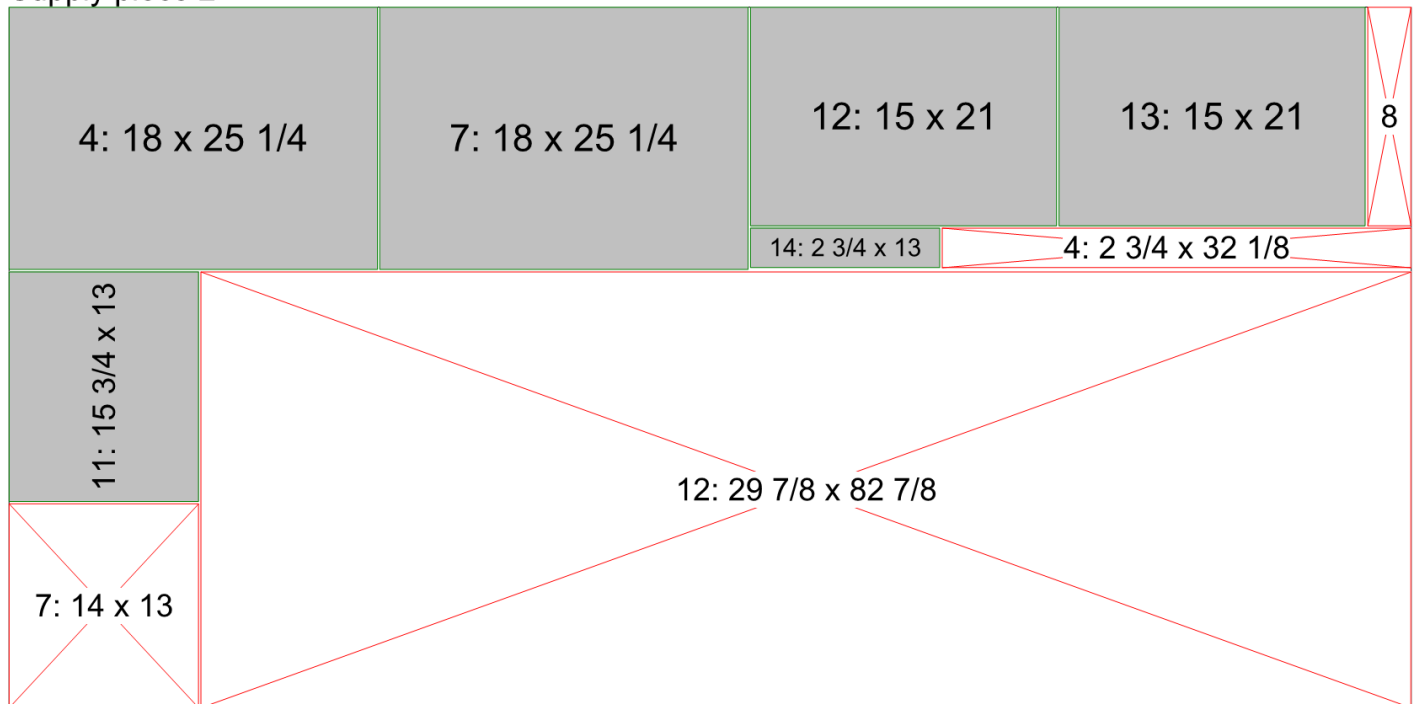
Plywood Cutlist

2 pieces of $\frac{3}{4}$ plywood required

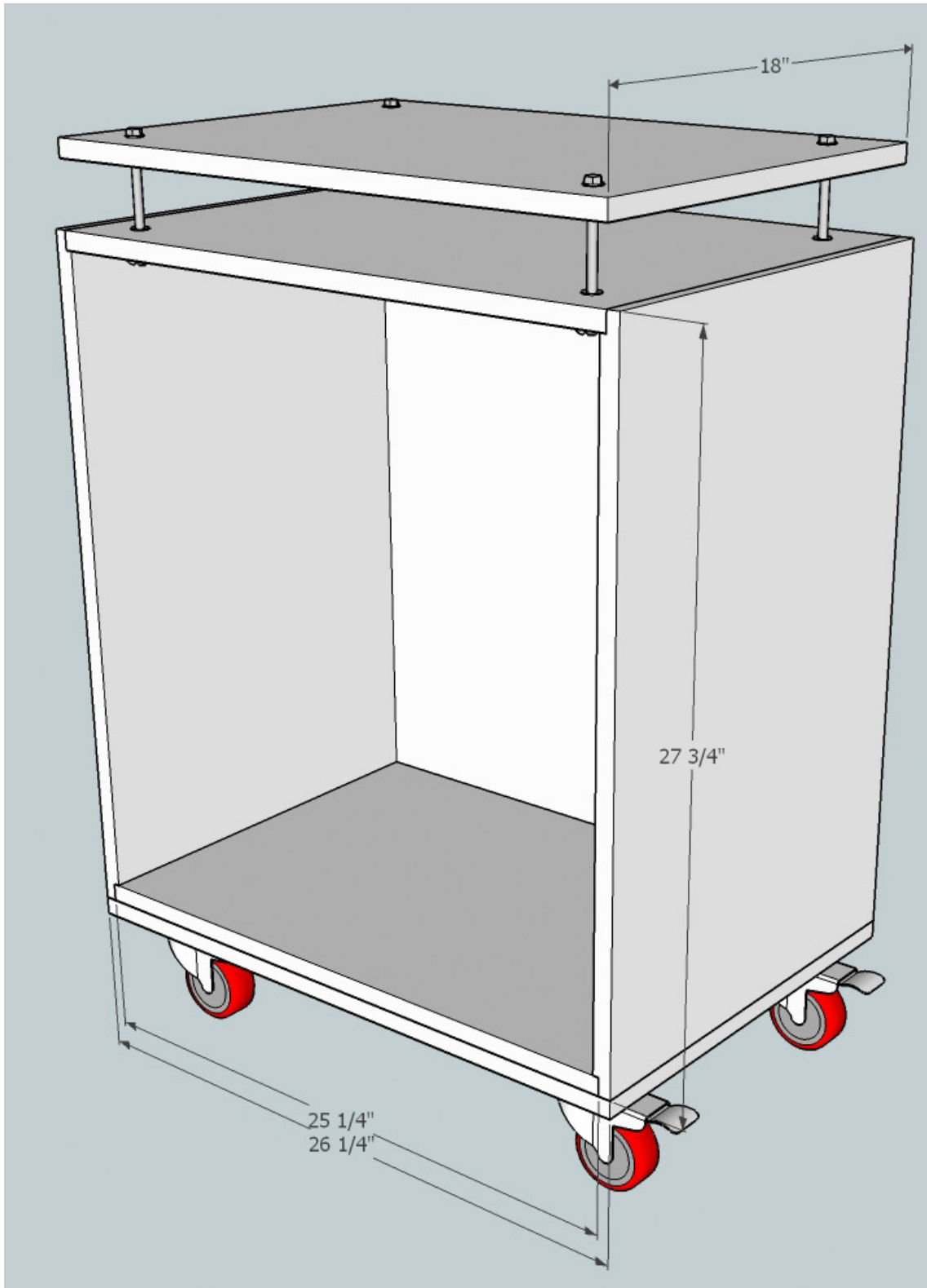
Supply piece 1

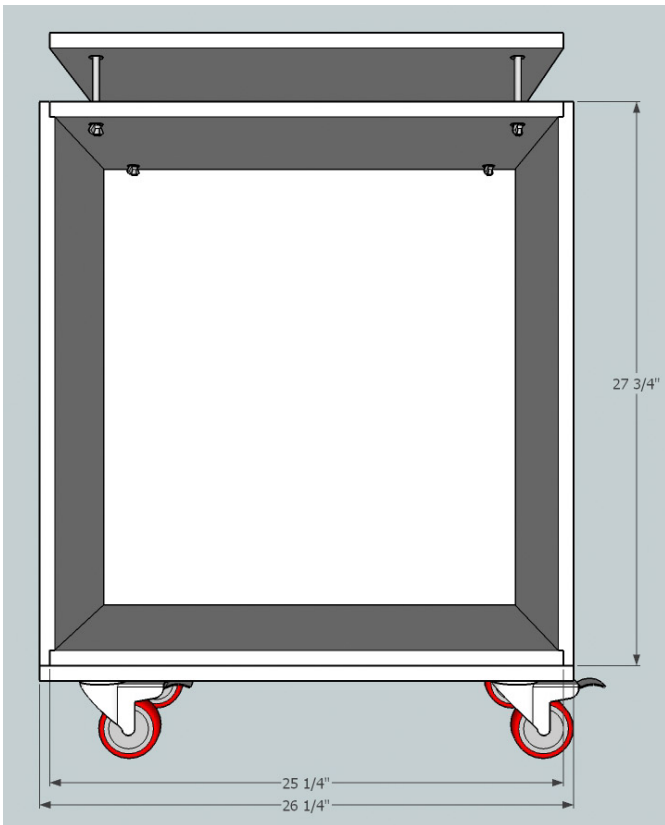


Supply piece 2

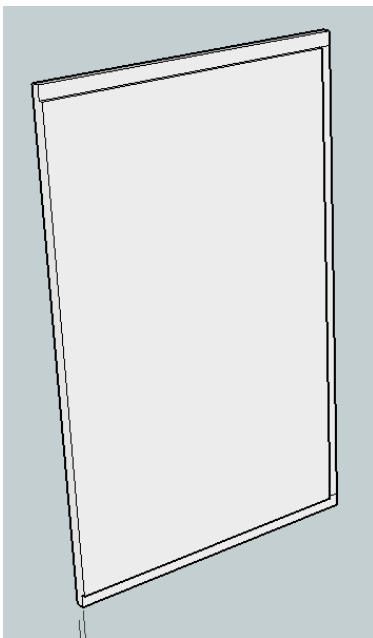


Stage 1: Build the Case

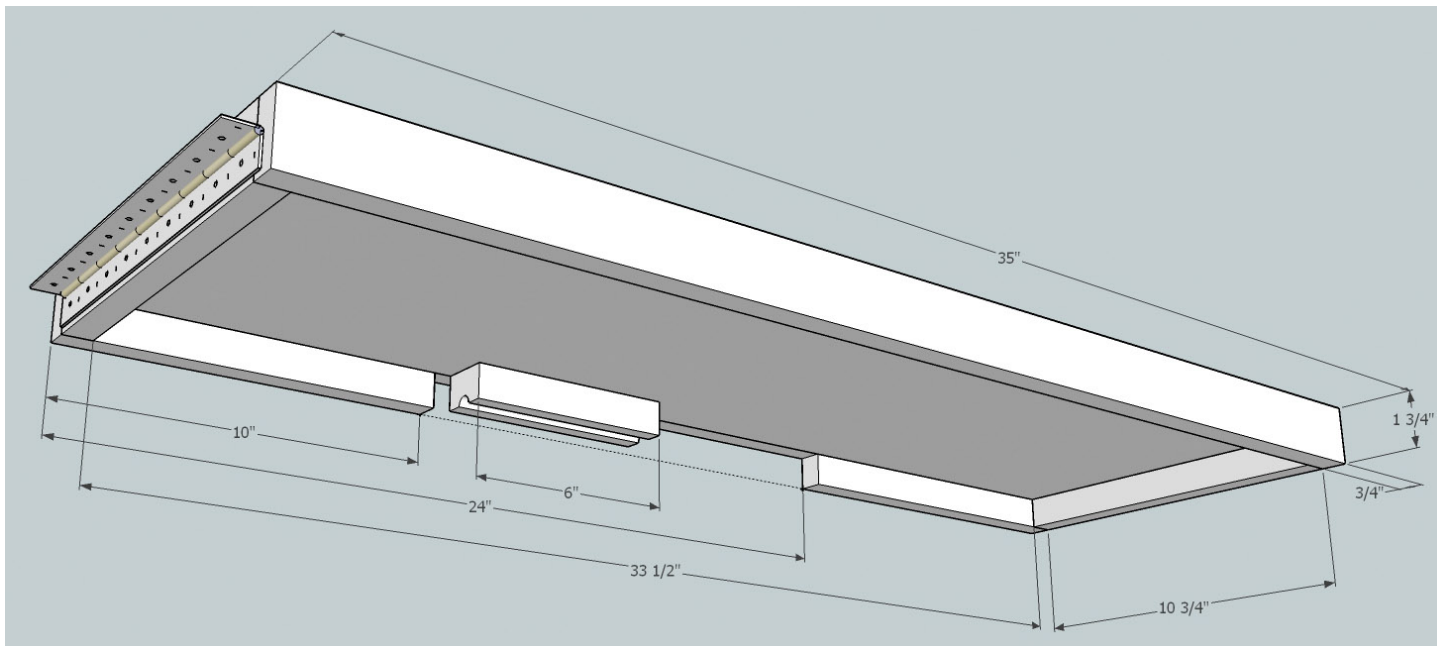




The top, bottom & back are set into 1/4" deep x 3/4" wide dados for strength. Here is a view of the left side's dados and the mounting of the tool platform.



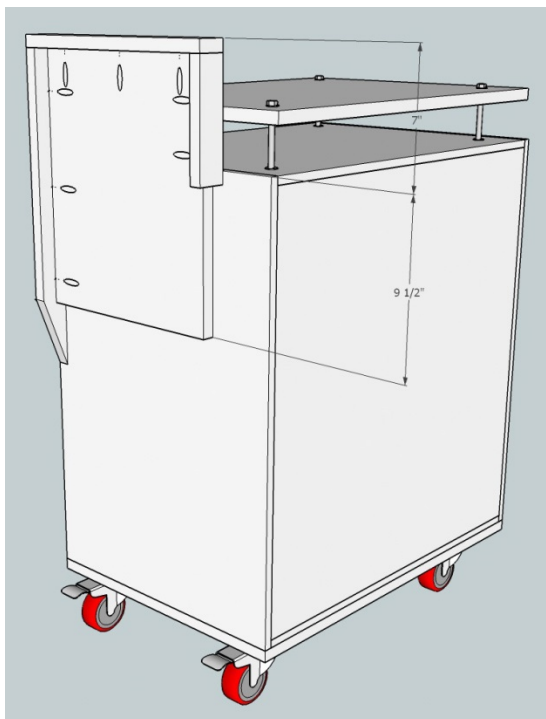
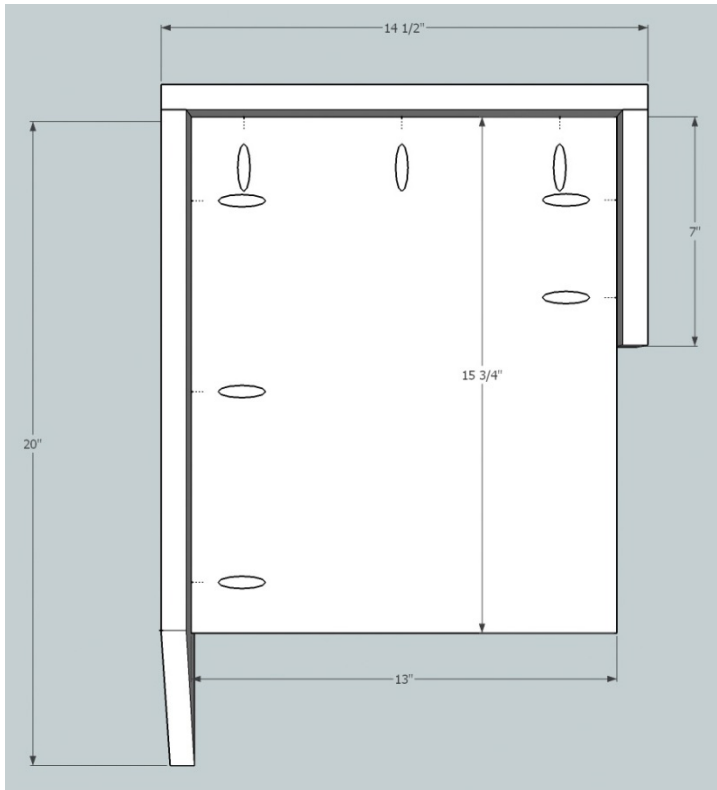
Stage 2: Build the Wings



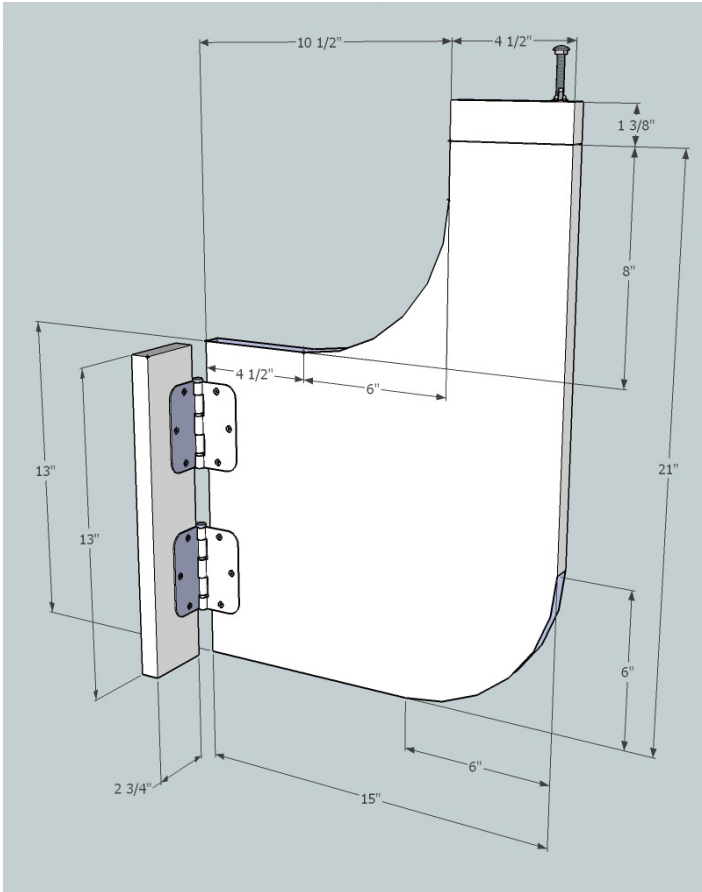
I built my wings using wood covered in laminate. However, regular plywood is fine too. I used a Kreg pockethole jig to mount the trim to the underside of the wing: Wait to mount the routed block which catches the adjustment bolt until the end.



Stage 3: Build & Mount the Wing Riser



Stage 4: Build the Hinged Wing Support



Stage 5: Build the Fence



The fence is simply 2 pieces of wood joined with a glued & screwed butt joint. I mounted my fence using a wooden slot with adjustable knobs which slide in T-track. This lets me adjust it if I get a different saw and it lets me adjust the width of the fence. I can slide the fences away from the saw if I need to cut something extra long.

