Original Plans By Brad Clark

ACO Tournament Size Cornhole Board, Over-Engineered

2 DAYS TALK .com

Material List
Tips and Notes

Wood

1 Sheet ¾ Plywood
1 4” x 6” x ½ scrap piece birch plywood (for gears and handle)
5 3/8 x 1” wooden dowels (Alignment Pins and knob for handle)

For geared twine retraction system

2 ¼ x 4” pan head screws
1 ¼ threaded insert
4 ¼ jam nuts
2 ¼ flat washers (for spacers if needed)
7 drywall screws

For Legs

4 ¼ x 3” pan head screws
16 ¼ flat washers (1 outside, 2 between leg and frame, 1 between leg and bolt for each set)
8 ¼ jam nuts, or 4 self-locking nuts, or use lock washers and only 4 jam nuts

Miscellaneous hardware

4 spring latches
1 or 2 Handles (It is pretty heavy, two handles would be useful)

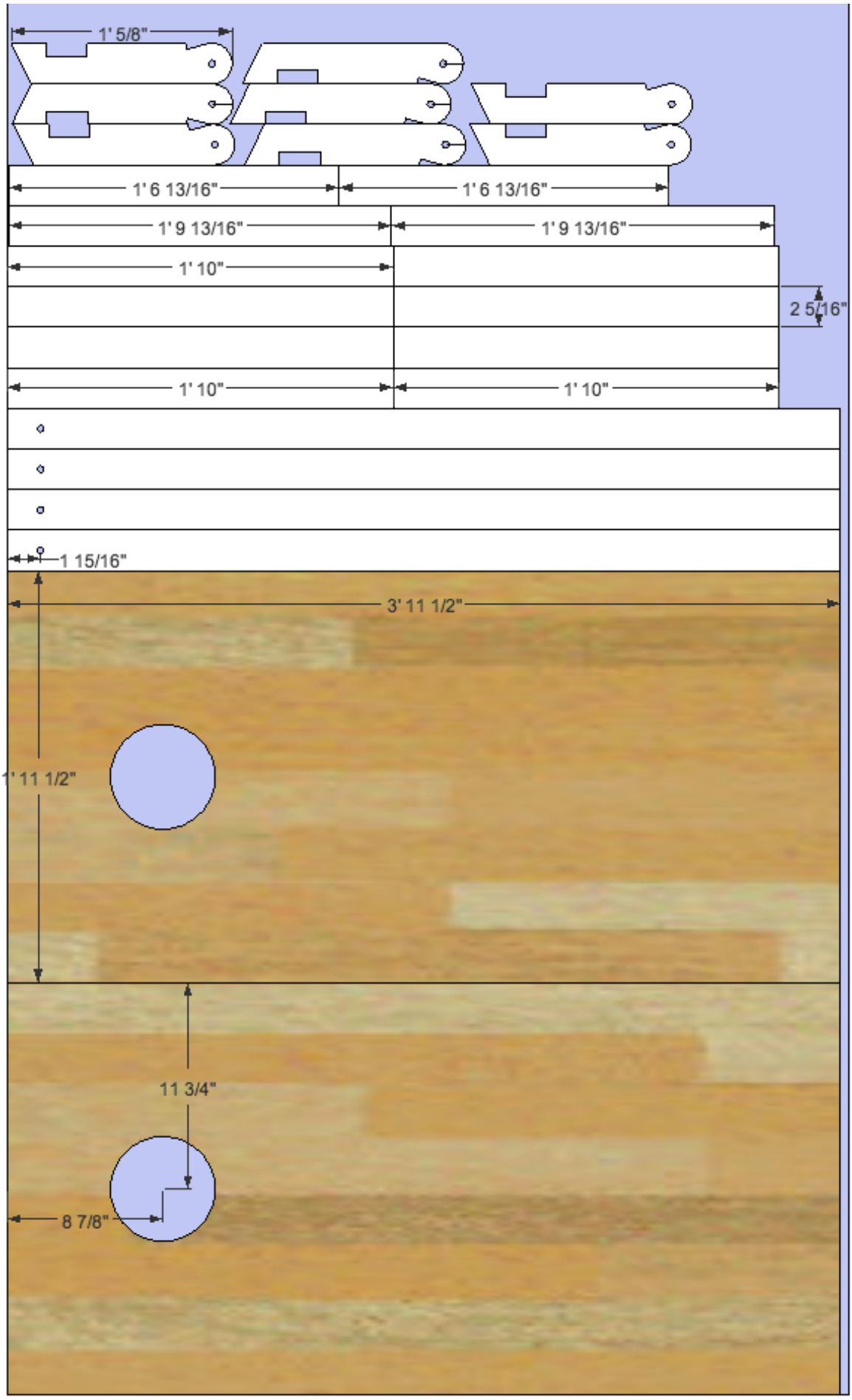
Tips and Notes:

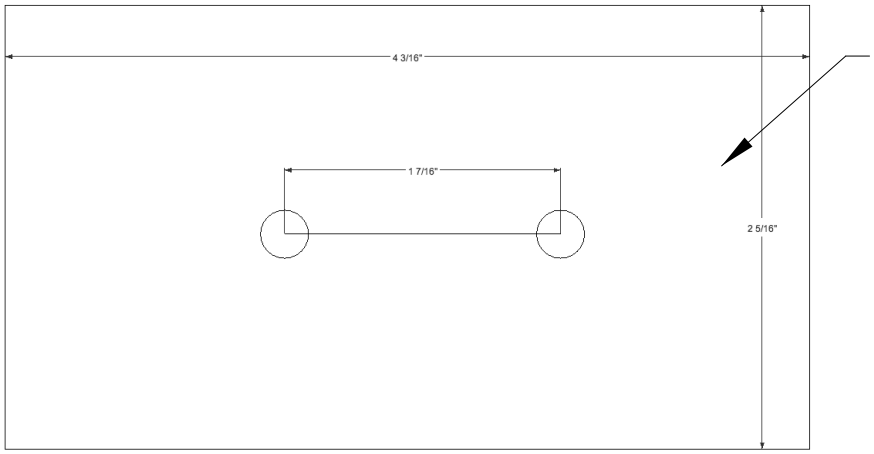
I think this is a fairly simple project to build so I am not going to list a step-by-step process. Got questions, email me: cheapwoodworking@gmail.com
Or watch the video: http://www.youtube.com/watch?v=U58MDatx7LY

I’ll add some of the FAQs here…:

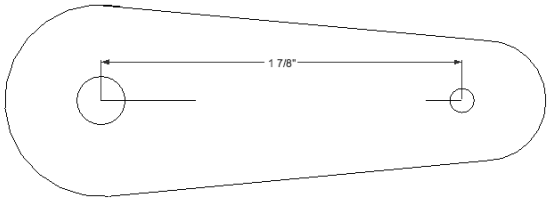
So Far there are none ☺

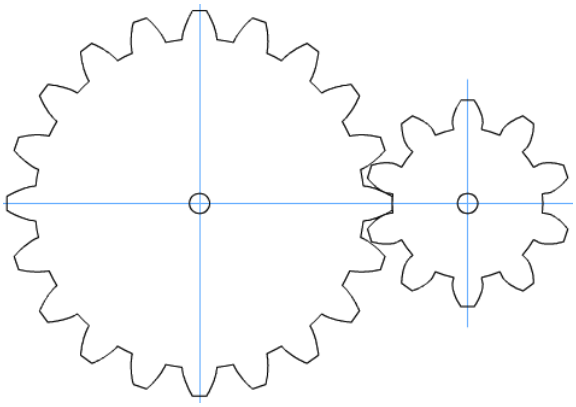
1. Each board is a 47 1/2" x 23 1/2" rectangle.
2. Each cornhole is 6" in diameter, centered 8 7/8"" from the top of the board to the center of the cornhole and 11 3/4" from each side edge to the center of the Cornhole.
3. The front of the board is 3" from bottom to top, nearly a 90-degree angle to the ground.
4. The back of the board is 12" from bottom to top, nearly a 90-degree angle to the ground.

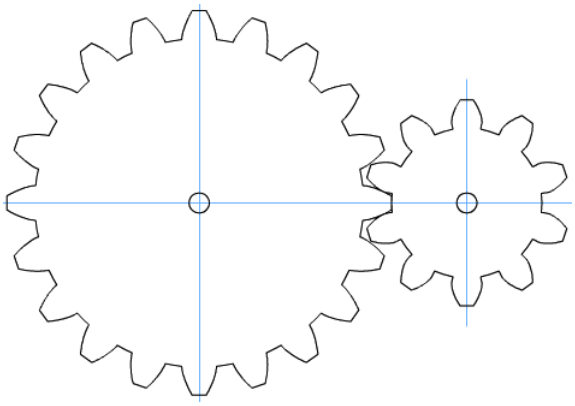

1' 5/8"
1' 6 13/16"
1' 6 13/16"
1' 9 13/16"
1' 9 13/16"
1' 10"
2 5/16"
1' 10"
1' 10"
1 15/16"
3' 11 1/2"
1' 11 1/2"
11 3/4"
8 7/8"

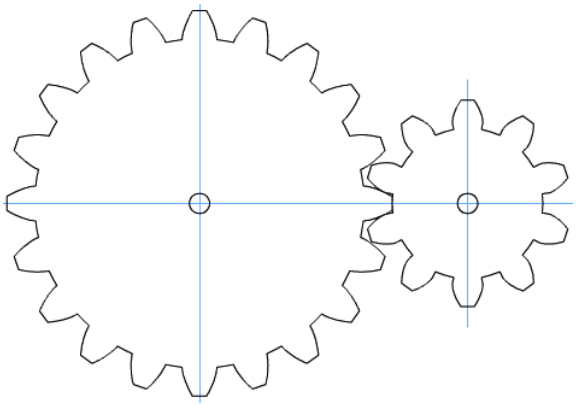


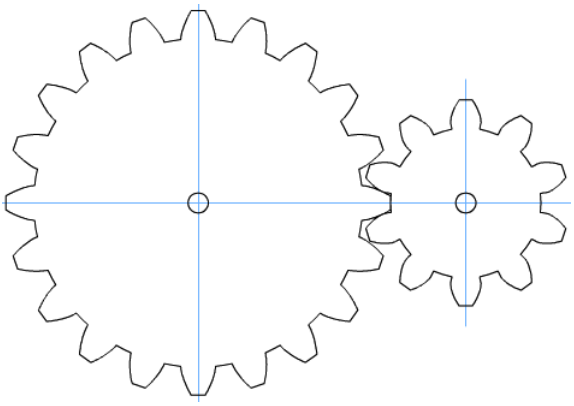
This is 3/4 plywood. Cut this out first and use it as a template when drilling through the frame of the cornhole boards so your holes are exactly the same for this short piece and the frame of the cornhole board.



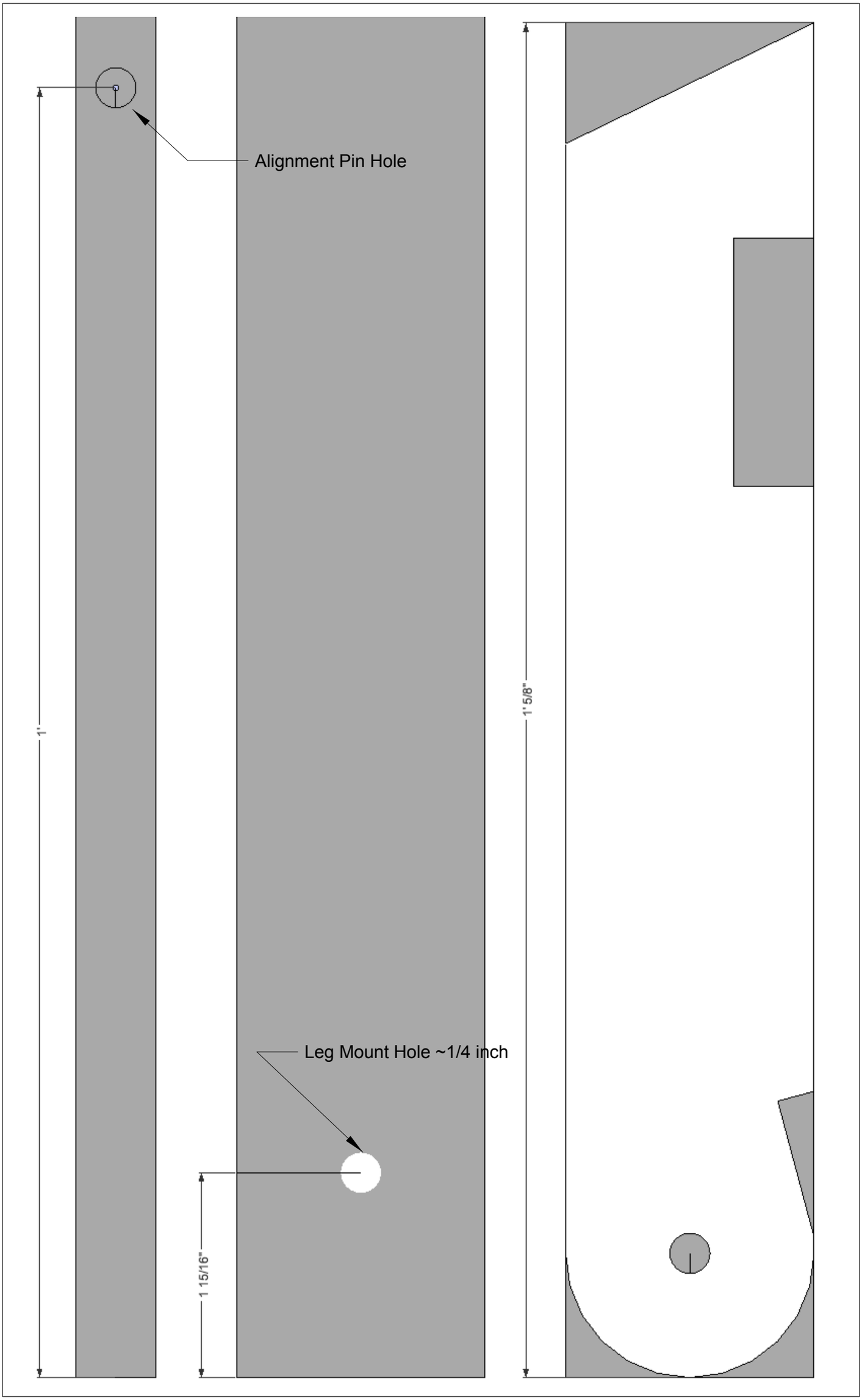








You only need two of each gear. I have four images here for the gears because when you cut them out to use as templates you end up messing up one of the gears. It is not as hard as you might think to cut these out using a band saw. Give it a shot!


Alignment Pin Hole
Leg Mount Hole ~1/4 inch
1'
1 15/16"
1' 5/8"