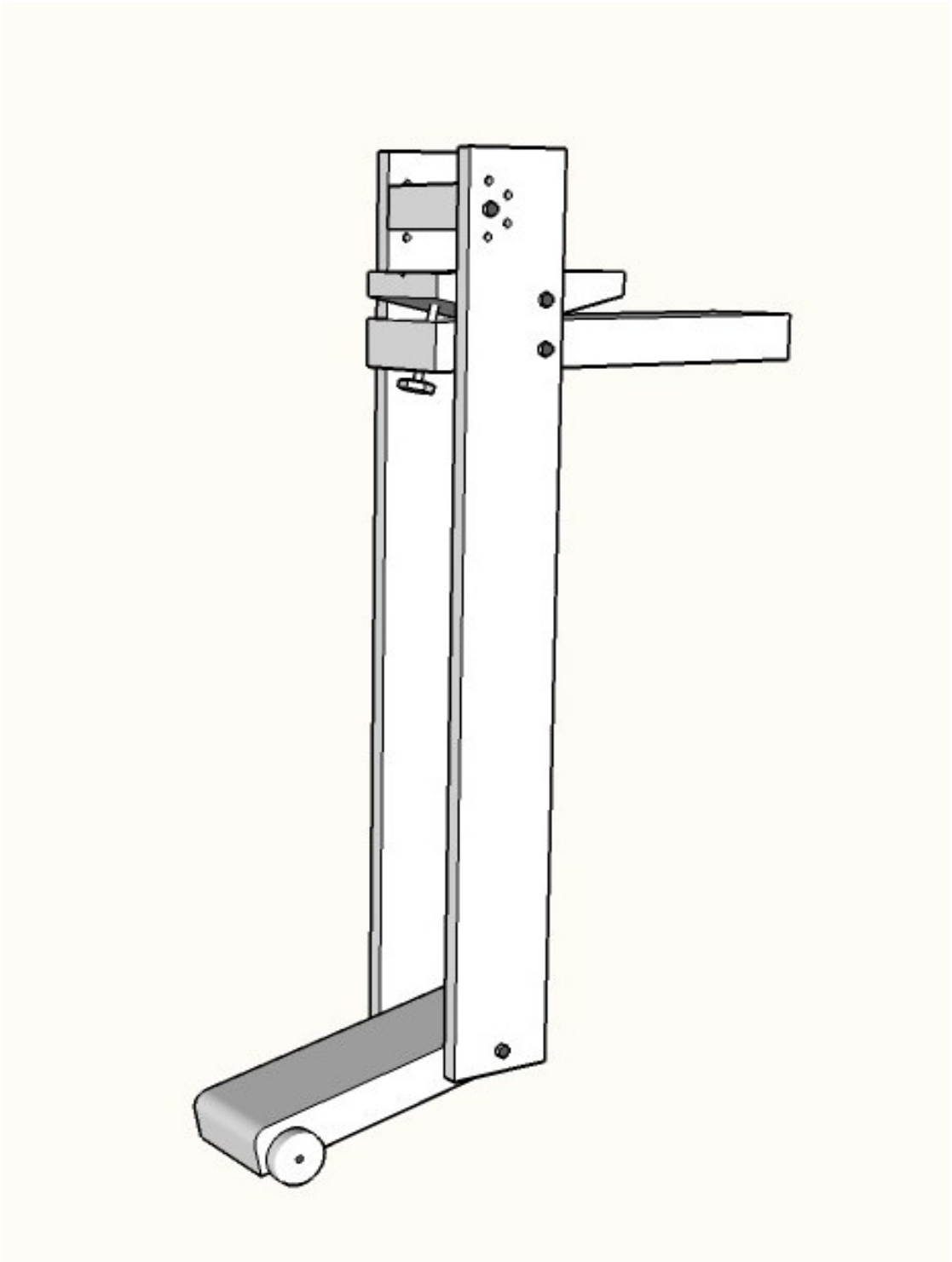
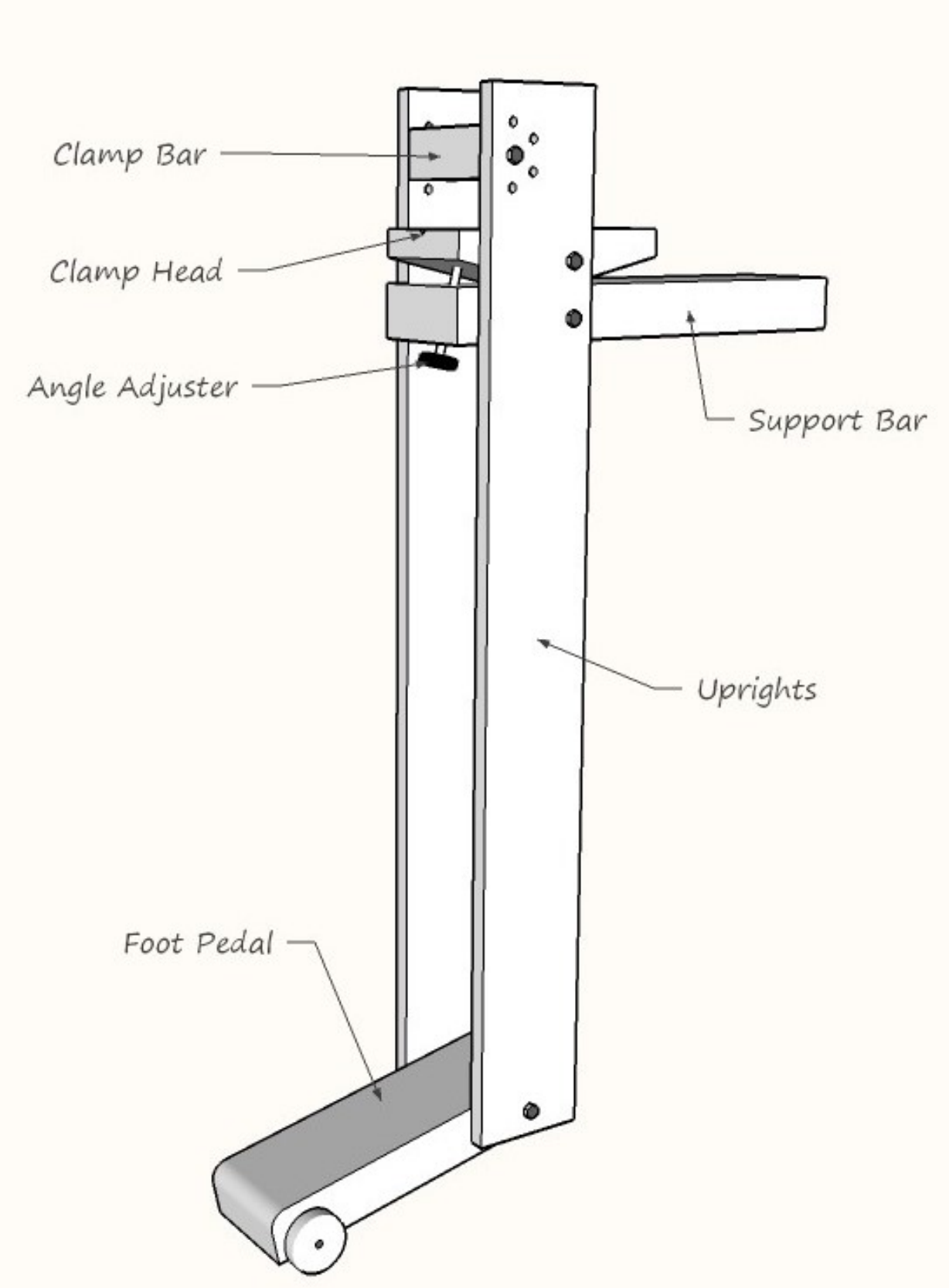
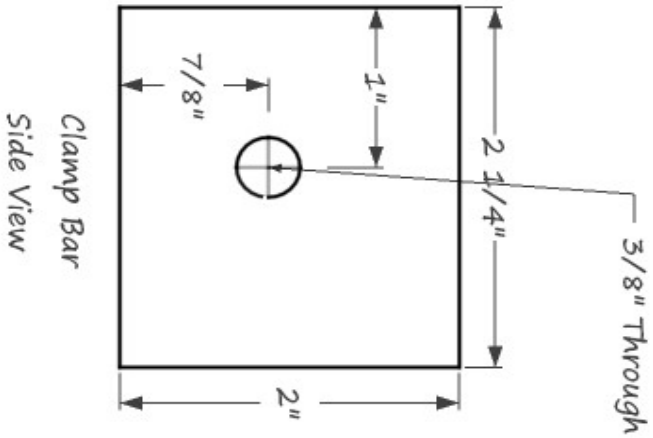
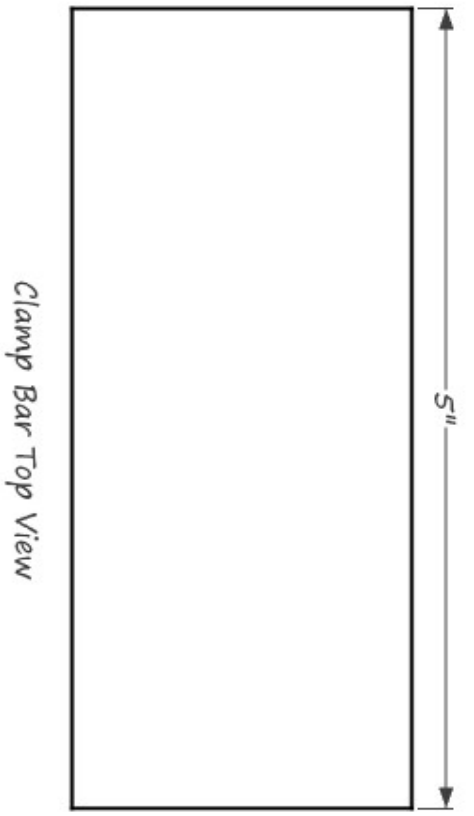
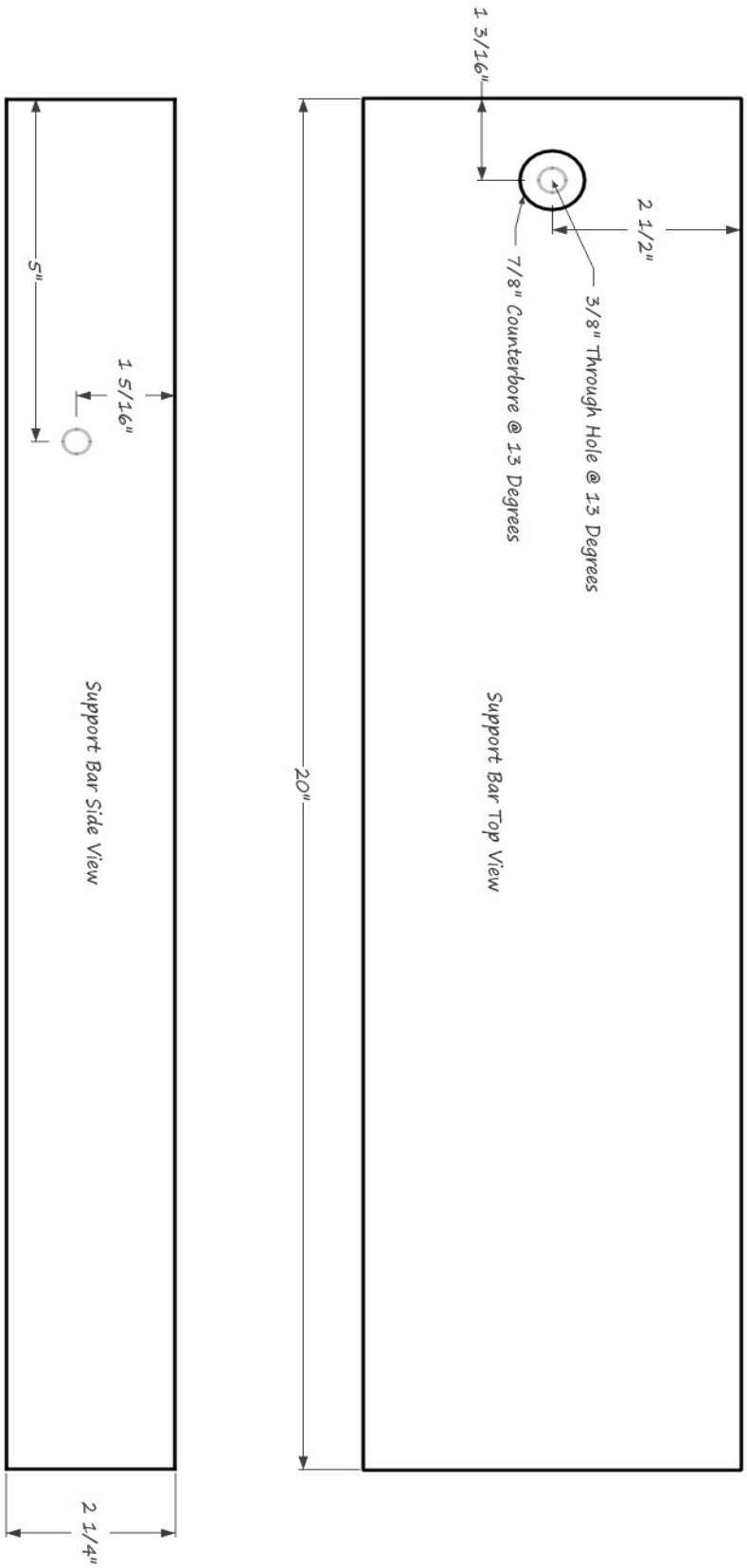
Variable-Position Shave Pony Plan

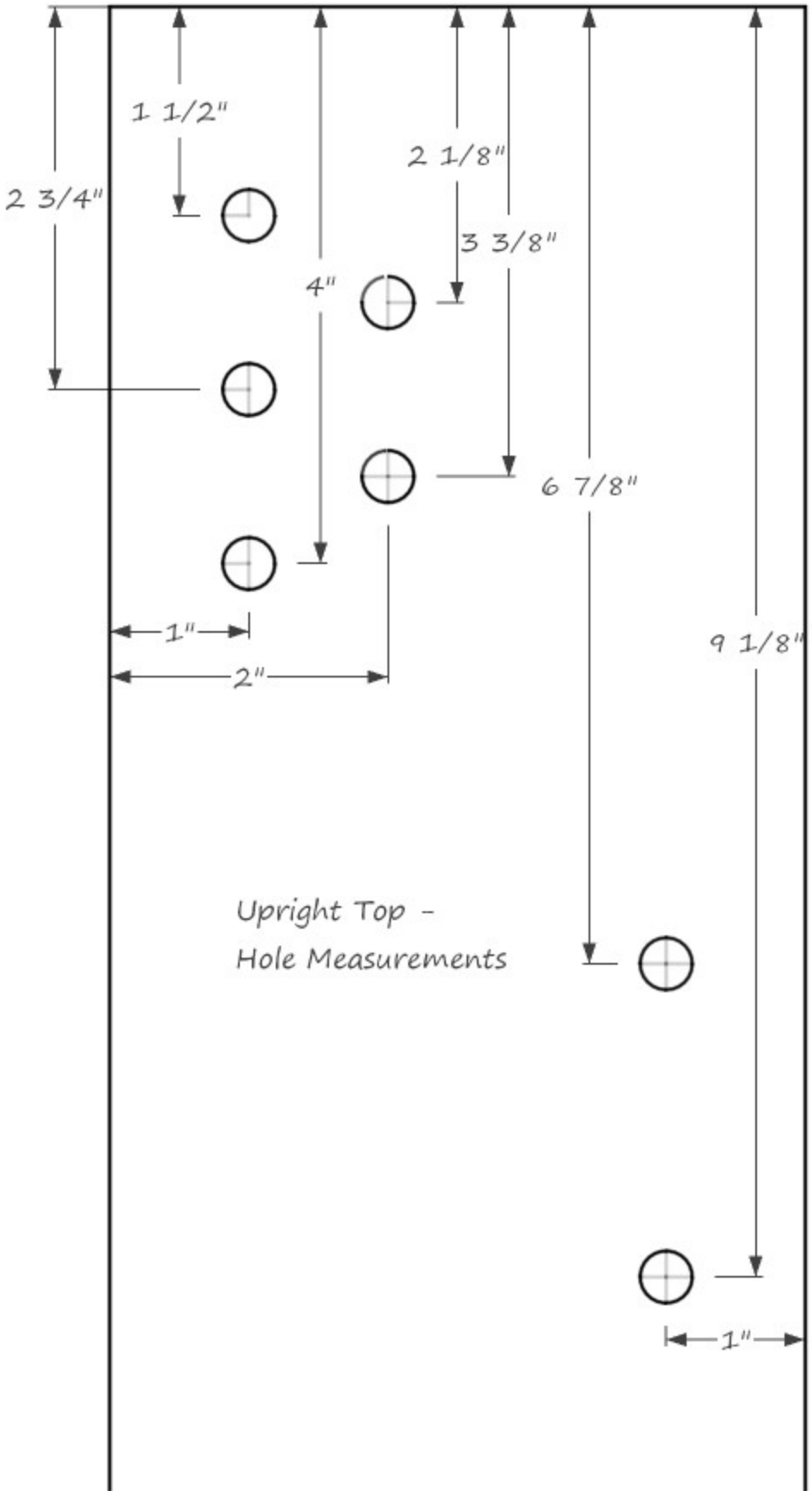


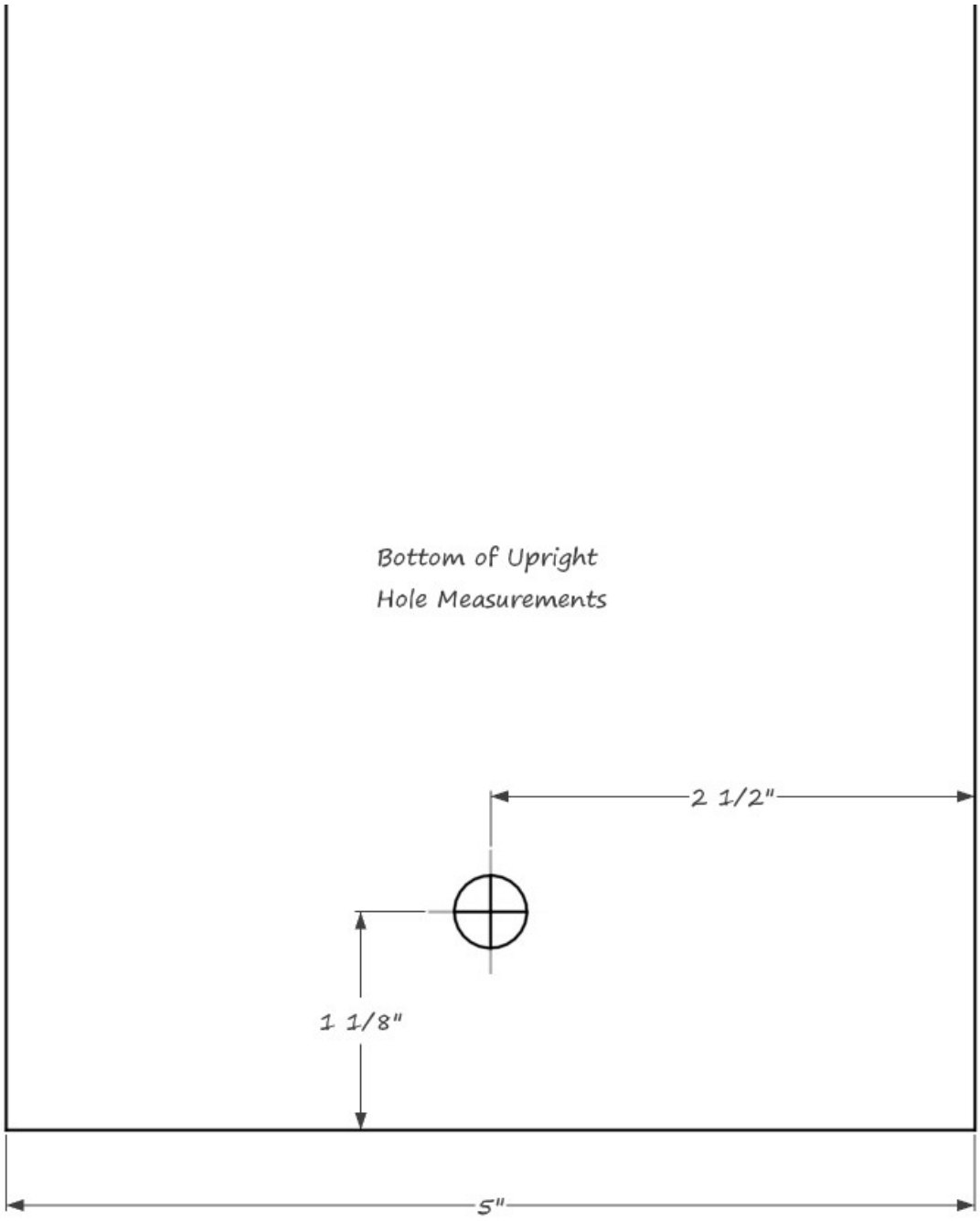












Materials

Timber

10 bf of 5/4 hard maple milled to a thickness of 1-1/8”.

Fasteners

3 – 3/8 x 8” Hex Bolts*

2 – 5/16 x 2 ½” Hex Bolts (For the wheels)

1 – 3/8 x 10” Hex Bolt*

1 – 5/16 x 6” Carriage Bolt** (Clamp Head Adjuster)

3 – 3/8 Nylon Lock Nuts

6 – 3/8 Flat Washers

4 – 5/16 Flat Washers (One on each side of wheels)

6 – 3/8 Fender Washers

3 – 5/16” T-Nuts

1 – 5/16 Star Knob (For Clamp Head Adjuster)

2 – Roller Blade Wheels or equivalent

Tooling leather (Covers the Clamp Head and Clamp Bar)

* I recommend hex bolts without threads all the way to prevent rubbing when the device pivots.

** This needs to have threads the full length.

The length of the uprights depends on where the shave pony will be mounted. For now, mount the support bar on your bench, allowing it to overhang the edge. Measure from the bottom of the support bar to the floor and subtract 3 ¼”. Add 10 ½” to that measurement to determine the total length of the uprights.