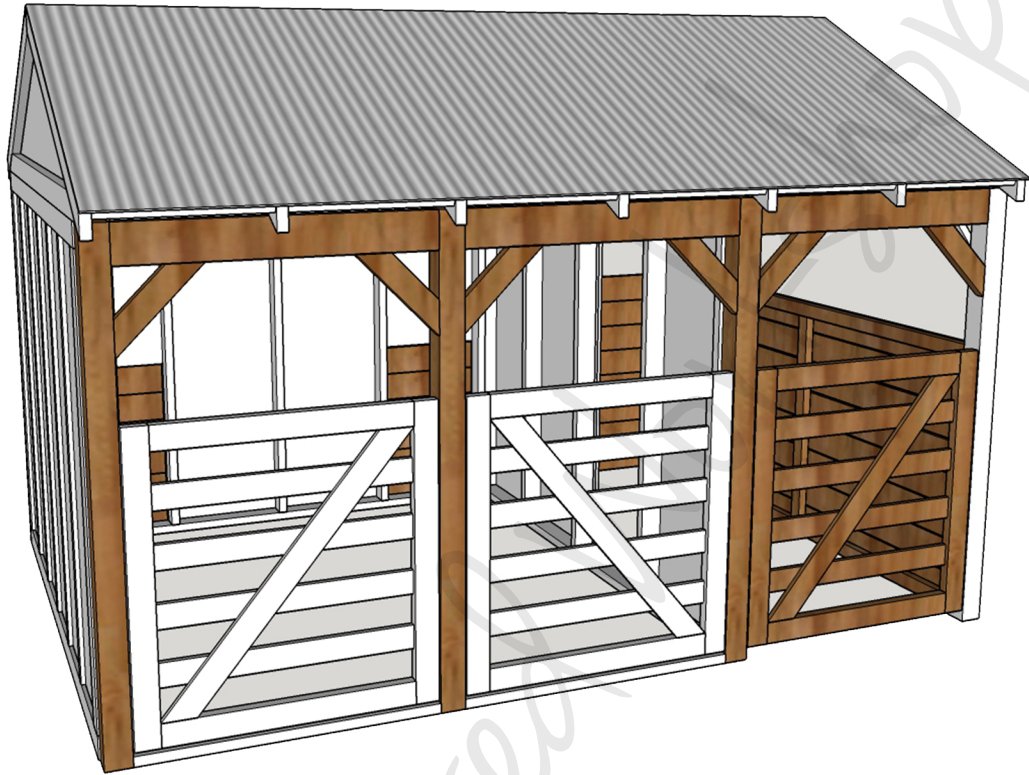


Gates for Goat Shed



Materials:

- 4 - 2x4x8 (pine)
- 6 - 1x4x8 (pine)
- 2 - 2x4x8 (cedar)
- 3 - 1x4x8 (cedar)

Cut List:

White Gates:

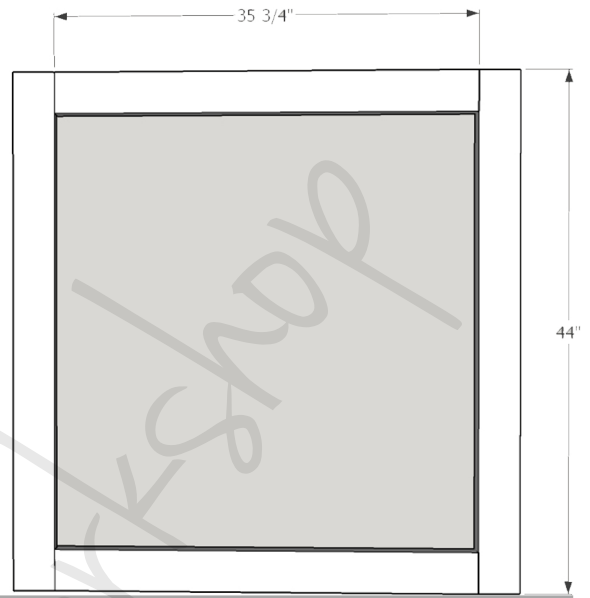
- 4 - 2x4 @ 44" sides
- 4 - 2x4 @ 35 3/4" top and bottom
- 10 - 1x4 @ 42 3/4" middle
- 2 - 2x4 @ 48 3/16" diagonal board - mitered at 39.9 degrees off square, ends parallel

Cedar Gate:

- 2 - 2x4 @ 44" sides
- 2 - 2x4 @ 34 1/2" top and bottom
- 5 - 1x4 @ 41 3/4" middle
- 1 - 2x4 @ 47 29/64" diagonal board - mitered at ? (lay your board on top and trace bc I got two totally different measurements in Sketchup vs my actual gate) degrees off square, ends parallel

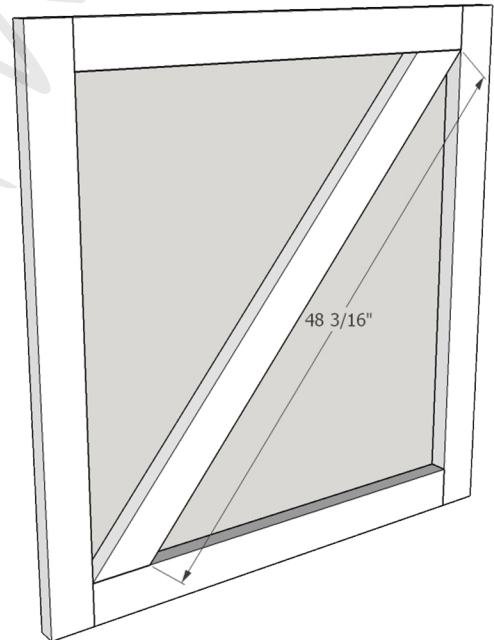
Step 1:

Build the outer frame of the white gates. You can use pocket holes drilled at $1\frac{1}{2}$ " depth and use $2\frac{1}{2}$ " screws and wood glue to attach. Or you can use dowels to join the gate frame, up to you!



Step 2:

Add the diagonal board across the opening, use pocket holes to attach. Drill pocket holes at $1\frac{1}{2}$ " depth and use wood glue along with $2\frac{1}{2}$ " screws!



Step 3:

Add the wire to the back of the gate at this point if you want the wire pinched between the boards, or you can add it to the back of the gate after you add all the boards. This is just a preference thing!

The 1×4 @ $42\frac{3}{4}$ " boards will go all the way across the gate and are just screwed into the gate frame, don't use glue on these boards if you have wire underneath in case you want to change out the wire at some point!

Copy these same steps with the measurements for the cedar gate!

