

INSTRUCTION MANUAL

Laundry Basket Stacker

By Jonathan Warshaw



Image Source: TheDustyblade.com

SHOPPING LIST

- **Plywood Strips:** 3/4" thick, cut into 15 1/2" wide x 8 feet long (commonly referred to as 1x16s)
- **Plywood for the Backs:** 1/4" thickness
- **Metal Angle:** 1 1/2" x 1 1/2" (available at Blue or Orange hardware stores)
- **Wood Screws:** 2" length (alternatively, 1 1/4" pocket hole screws can be used)
- **Additional Wood Screws:** 3/4" (for attaching the metal angle to the inside of the boxes), 1 1/4" length
- **Wood Glue**
- **Wood Filler**
- **Finishing Supplies**

Make sure to gather all these materials before starting your project, ensuring a smooth and efficient building process!

CUTTING DIMENSIONS

- **Sides:** 2 pieces of 1x16, each cut to 35 1/4" length
- **Bottom:** 1 piece of 1x16, cut to 24 1/2" length
- **Top:** 1 piece of 1x16, cut to 26" length
- **Back:** 1 piece of 1/4" Plywood, cut to 36" x 25 3/4"
- **Metal Angles:** 6 pieces of 1 1/2" x 1 1/2", each 15 1/2" long (you can ask the hardware store to cut these or use a hack saw)

Carefully measure and cut each piece according to these dimensions, and you'll be well on your way to crafting your laundry basket stand! Make sure to use proper safety equipment while cutting.

Tools



Tape Measure



Pencil



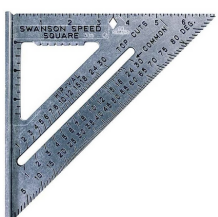
Safety Glasses



Ear Protection



Drill Gun



Speed Square



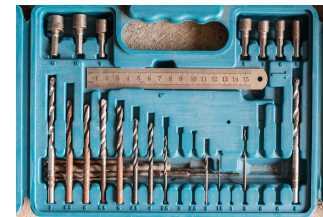
Circular Saw



Sander



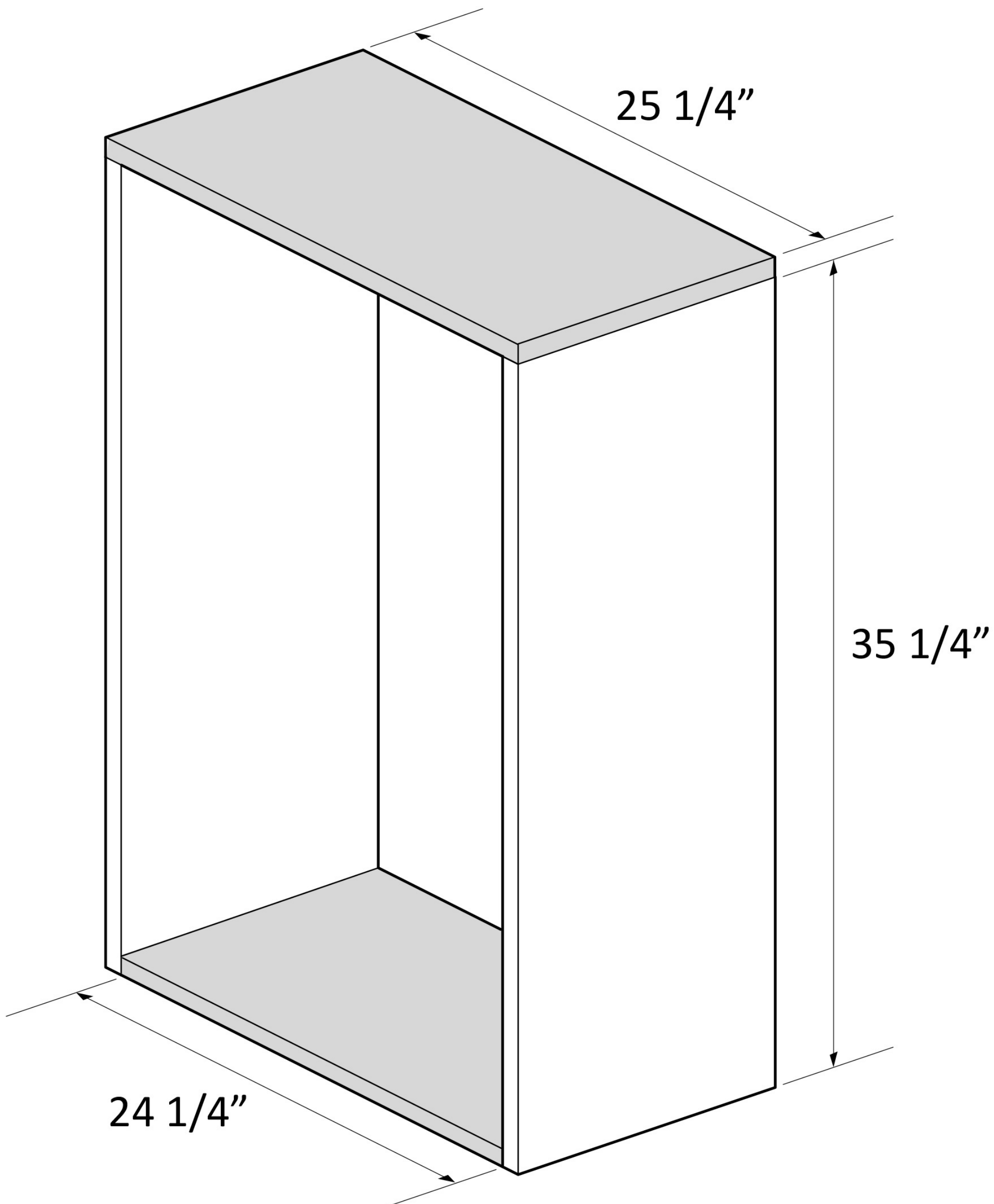
Level



Drill Bit Set

INSTRUCTIONS

Step 1



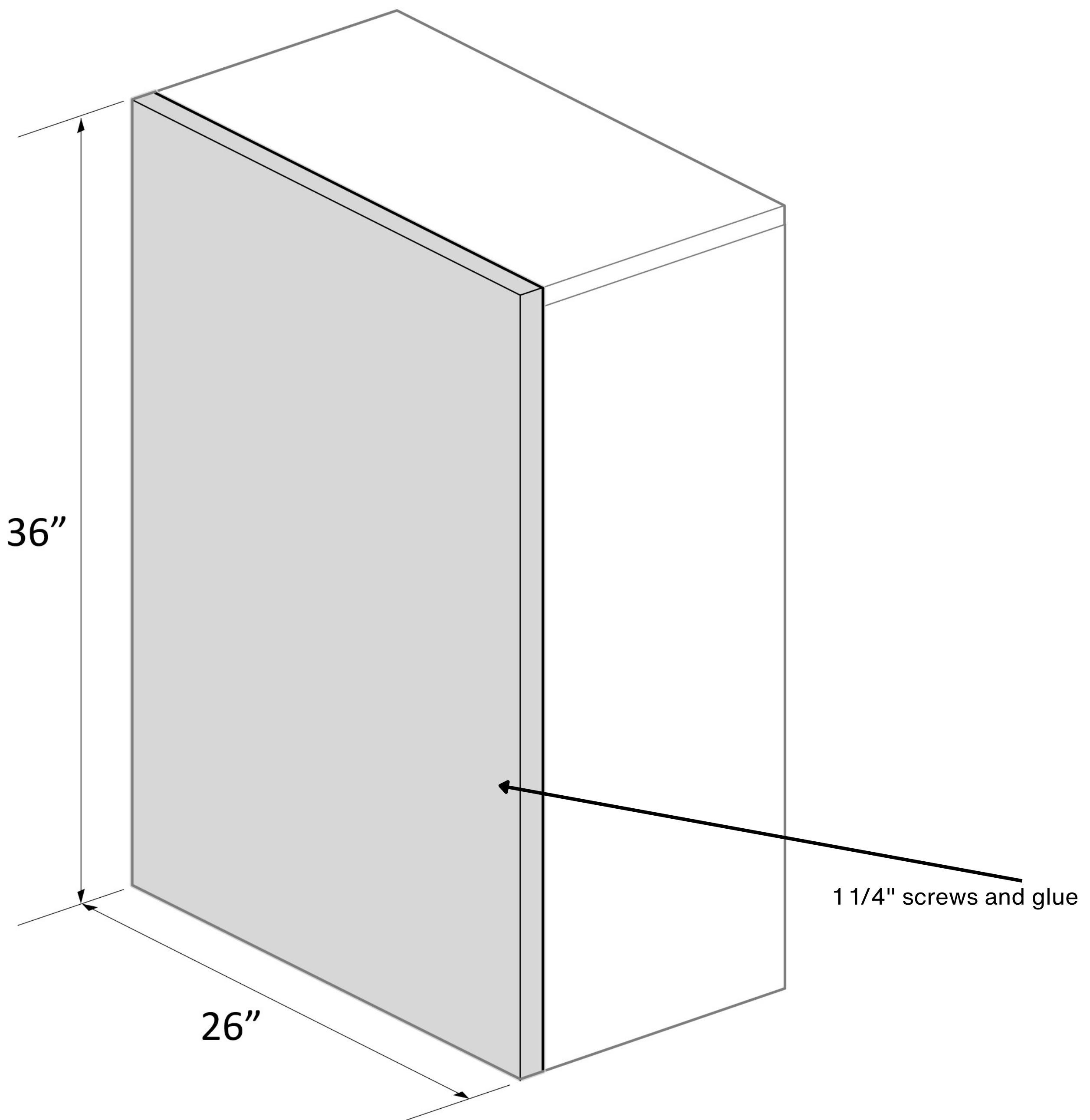
Constructing the Box

For assembling the box, I opted to use pocket holes. However, you also have the option to use 2" wood screws. If you choose this method, make sure to countersink the screws to secure the structure.

IMPORTANT: Ensure that the top measurement is precisely 26". This is crucial for the proper fitting of the pieces within the design. Feel free to choose the method that suits your preferences and tools!

INSTRUCTIONS

Step 2

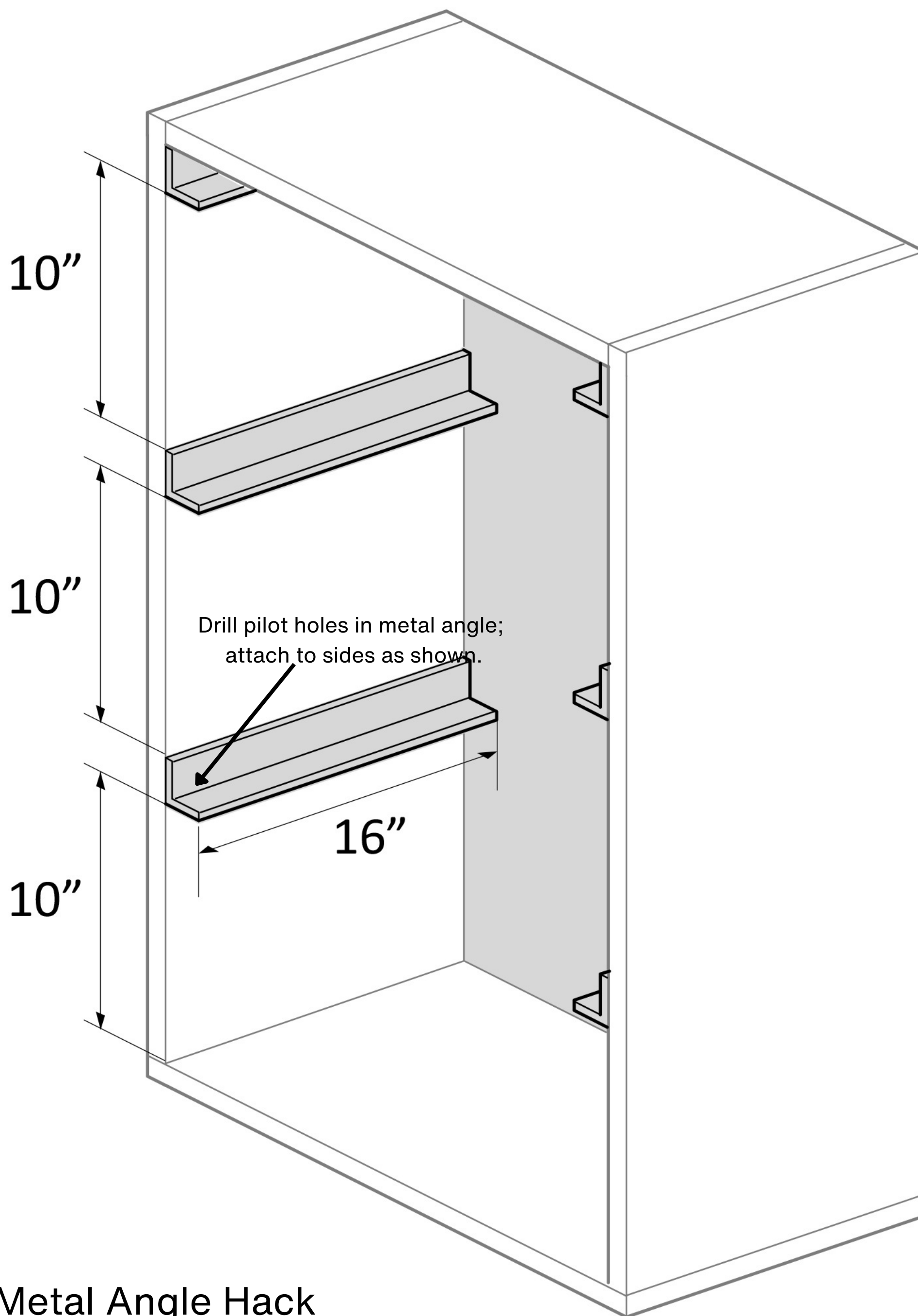


Back Assembly.

- Ensure that the structure is perfectly square before attaching the back with 1 1/4" screws and adhesive glue.
- At this stage, I addressed all imperfections by filling all holes with wood filler, smoothing all plywood edges, and treating any flaws in the plywood.
- I then sanded the material with coarse sandpaper due to the low-grade quality of the plywood, and finished the process with medium sandpaper.
- As a final touch, I applied a primer and used semi-gloss paint from Valspar to give the piece a professional and polished look.

INSTRUCTIONS

Step 3



Metal Angle Hack

- Utilizing metal angle might appear challenging; 2x2s can be substituted, affixed with glue and screws in the designated place.
- To prepare the metal angle, make cuts with a hack saw and then drill three evenly spaced holes on each side. With the assistance of a square for precision, mark the spots where the screws will go, attaching the metal angle to the sides.
- Angling the screws a tad downward will help in keeping the baskets positioned at the rear of the box and stop them from advancing forward.
- For those who opt to stack the stands, it's vital to attach the top laundry basket stand to a stud within the wall, ensuring stability.