

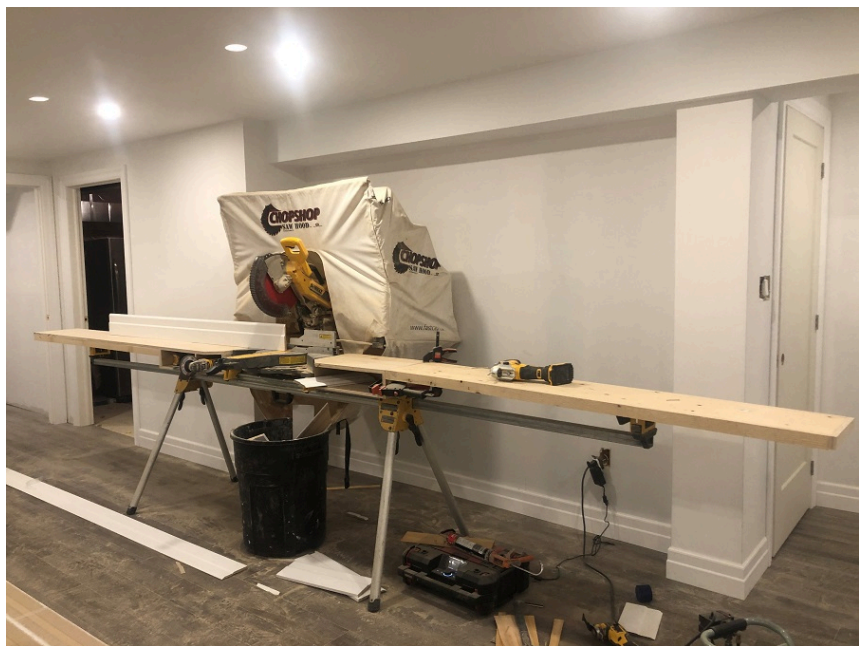
Miter Saw Wings

By **Remarkable Woodworks**

Difficulty

Advanced

These wings are designed to make cutting longer material a breeze while giving you an additional work surface. If you are on a jobsite, or working in a small shop, the Portable Miter Saw Wings can collapse for transporting and easily stored away when not in use.





Tools

Kreg Tools



[Kreg® Pocket-Hole Jig 520PRO](#)



[Zinc Pocket-Hole Screws](#)

Other Tools

18g brad nailer

Table saw

Miter saw

Cordless drill

Tape measure

Materials

Wood Products

1 Sheet Of Plywood , 1/2" X 4' X 8'

1 Sheet Of Plywood , 3/4" X 4' X 8'

Hardware & Supplies

1 Box Of 1 1/2" 18g Brad Nails

1 Box Of 1" Coarse-Thread Pocket-Hole Screws (See Tool List)

1 Wood Glue

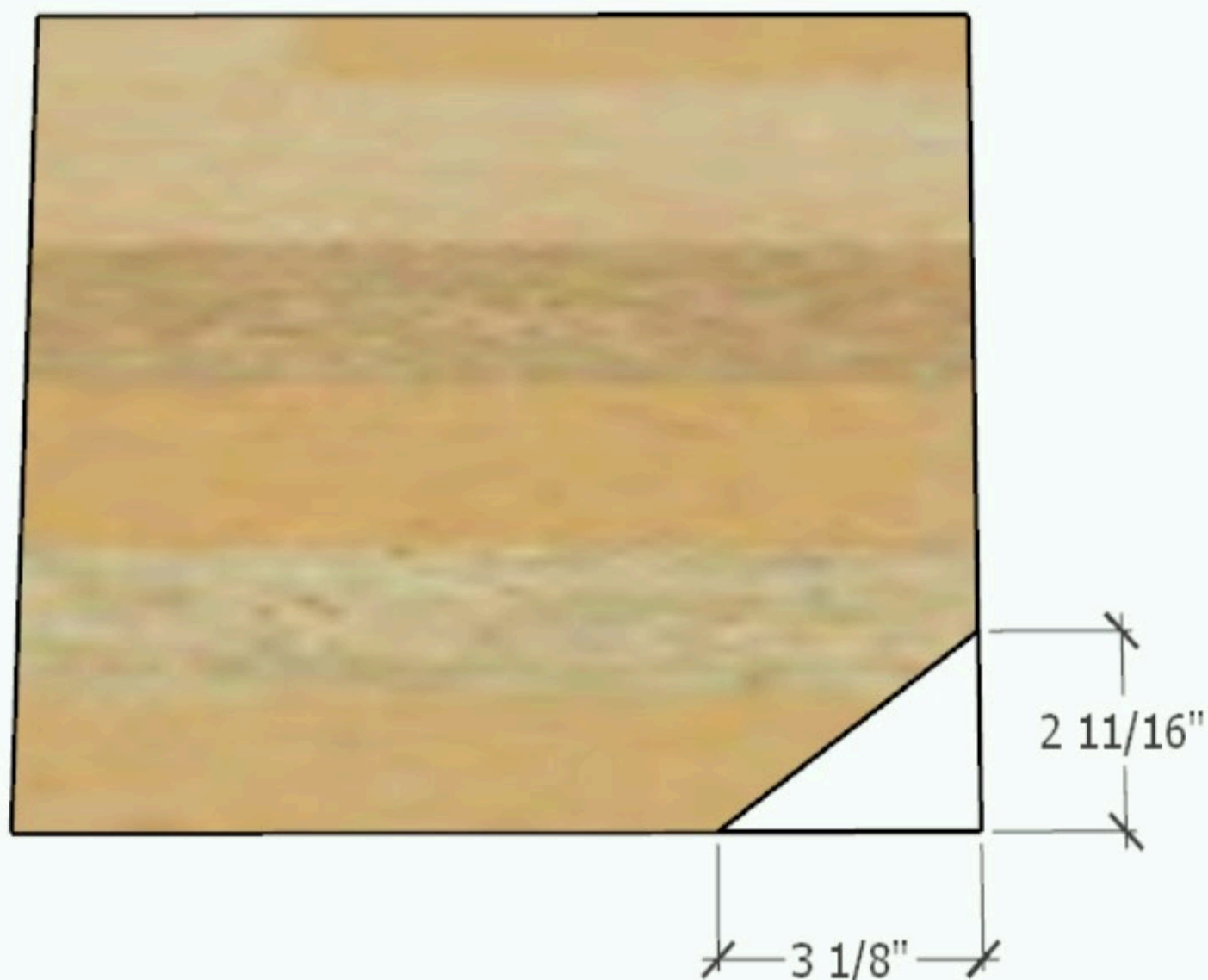
Cut List & Parts

- 2** Surface Tops , ($\frac{3}{4}$ " Plywood) - 12" X 20 $\frac{1}{4}$ "
- 2** Box Backs , ($\frac{3}{4}$ " Plywood) - 3 $\frac{11}{16}$ " X 20 $\frac{1}{4}$ "
- 2** Box Bottoms , ($\frac{1}{2}$ " Plywood) - 12" X 20 $\frac{1}{4}$ "
- 4** Box Sides , ($\frac{1}{2}$ " Plywood) - 2 @ 3 $\frac{11}{16}$ " X 9 $\frac{1}{16}$ " & 2 @ 3 $\frac{11}{16}$ " X 11 $\frac{3}{8}$ "
- 2** Box Locks , ($\frac{3}{4}$ " Plywood) - 2 $\frac{5}{8}$ " X 5"
- 2** Box Slides , ($\frac{1}{2}$ " Plywood) - 1" X 20 $\frac{11}{16}$ "
- 2** Wing Extension Tops , ($\frac{3}{4}$ " Plywood) - 65" X 12"
- 4** Wing Extension Rails , ($\frac{3}{4}$ " Plywood) - 65" X 1 $\frac{1}{2}$ "
- 4** Wing Extension Ends , ($\frac{3}{4}$ " Plywood) - 2 @ 10 $\frac{1}{2}$ " 1 $\frac{1}{2}$ " 2 @ 10 $\frac{1}{2}$ " X 3 $\frac{1}{8}$ "
- 2** Wing Extension Holders , ($\frac{3}{4}$ " Plywood) - 10 $\frac{1}{2}$ " X 2 $\frac{1}{2}$ "

Directions

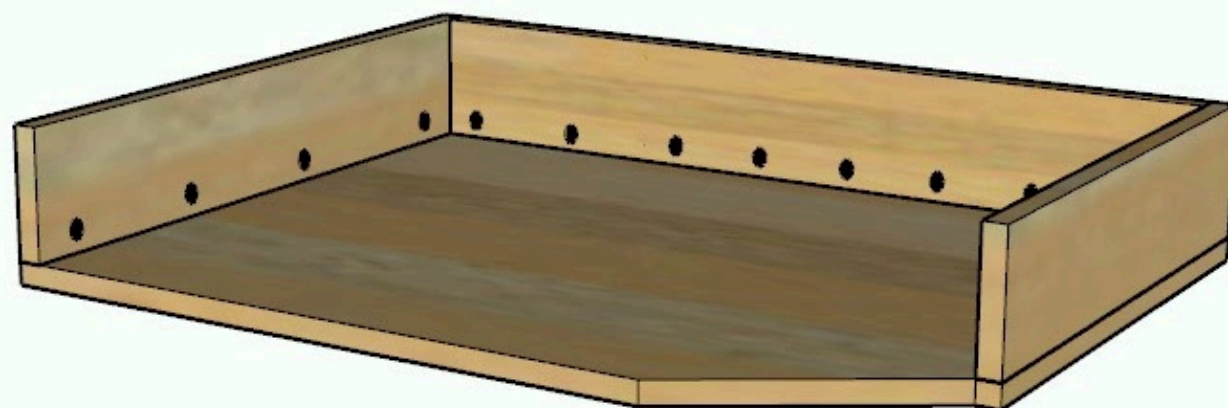
1**Build sides**

Stack a Surface top on a Box Bottom so that all the edges are flush. Along the long edge, measure $3 \frac{1}{8}$ " from the right front corner. Along the short edge of the right side, measure $2 \frac{11}{16}$ " from the front corner. Connect the two lines. This will give you the angle that you need to cut off. Repeat this for the opposite side as well.



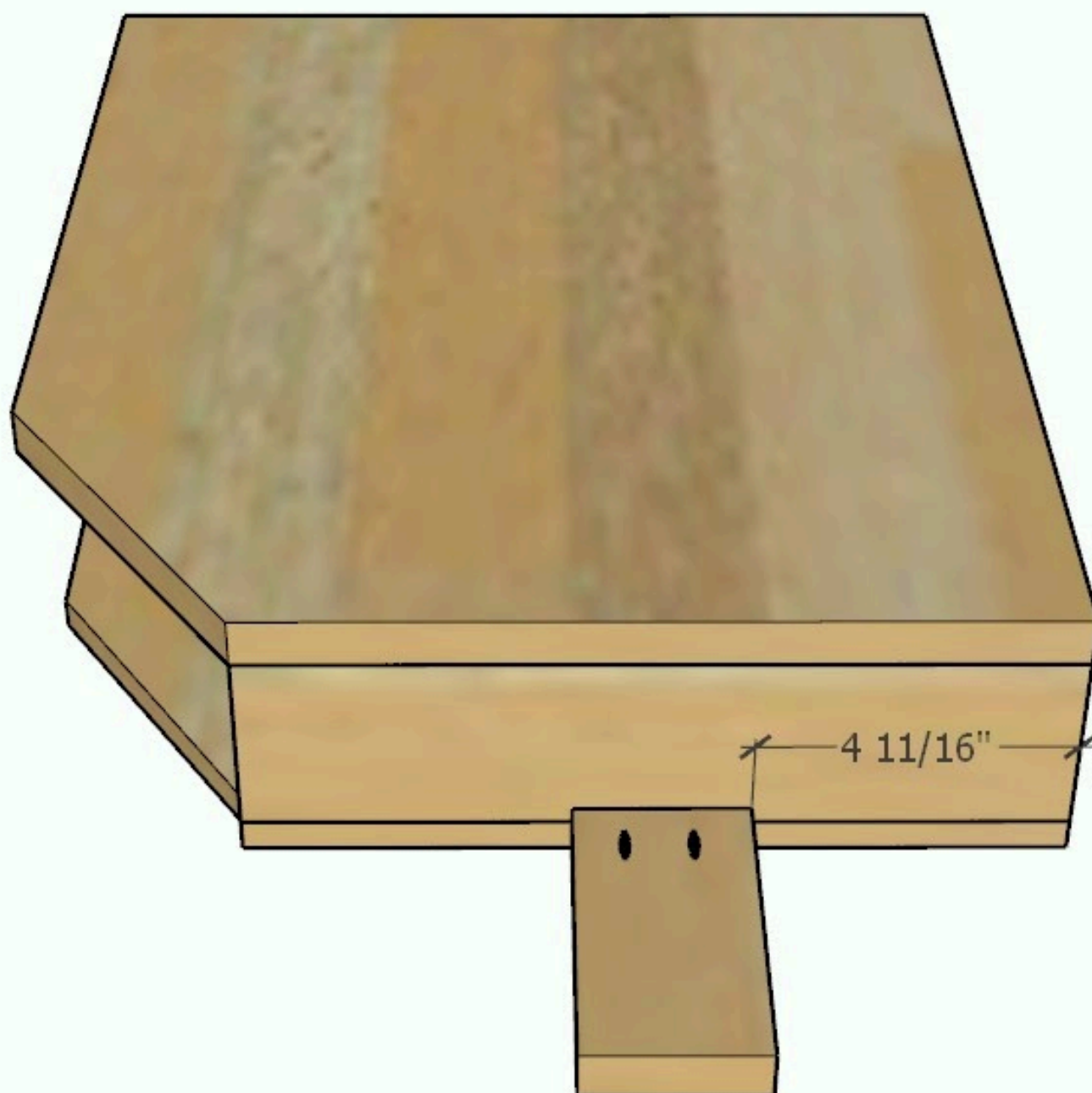
2**Attach sides to back**

Glue and Screw the Box Sides to the Box Back and attach them to the bottoms with glue and screws. When attaching the tops, do not glue them - this way you can replace the tops over time without rebuilding a new set.



3**Add box locks**

4 11/16" from the back, glue and screw the Box Locks to the inside edges of the Boxes.



4

Add box slides

$\frac{5}{8}$ " from the from of the front edge of the Box Locks, glue and brad nail the box slides. Make sure these are aligned with your saw

6**Build wing extension holders**

Rip the Wing Extension Holders on a 45 degree bevel. Attach the Wing Extension Holder to the outside of the Box Sides with glue and Brad Nails with the heel of the bevel touching the Box Side.

