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# DIY French Cleat Wall Organizer

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# Before beginning this project...

Please read through all of the plans as well as the blog post associated with this project. Always use safety precautions whenever using power tools and follow the manufacturer's suggested guidelines. Make sure to wear proper safety protection (eye protection, hearing protection, etc.) before beginning any project. Cut all pieces per the measurements in the plans, unless noted otherwise.

## Materials and Cut List:

### Materials Needed:

- 2 - 2' x 4' veneer plywood project panels, 3/4" thick
- 2 - 1x2 @ 8' long
- 1 - 1x6 @ 8' long
- 1 - 1x4 @ 6' long
- 1 - 1x3 scrap wood piece (approx 5" long)
- 1 1/4" brad nails or pin nails
- Wood glue
- Paint or stain of choice
- D ring hooks and wall anchors/screws

### Cut List:

1 - 3/4" plywood @ 36" x 24"

8 - 3/4" plywood strips with a 45 degree miter on one edge, cut at 36" long and 1 1/2" wide

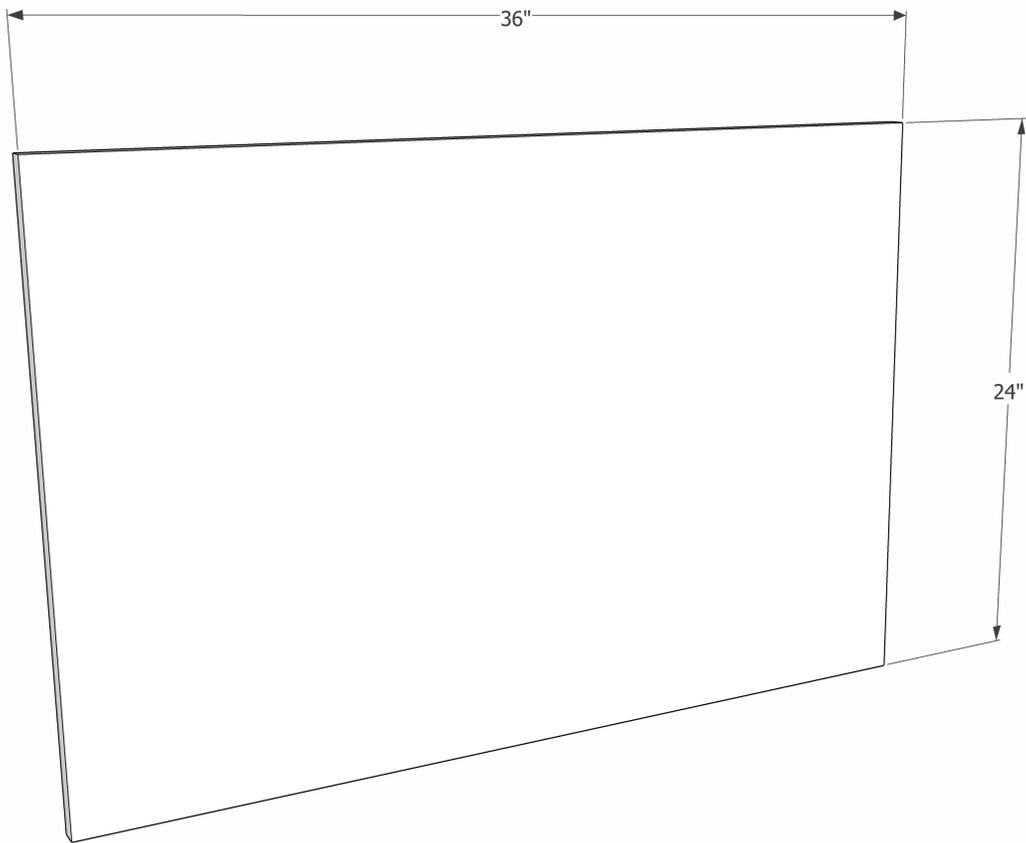
1 - 3/4" plywood strip with a 45 degree miter on one edge, 1 1/4" wide, cut at various lengths for organizers

2 - 1x2 @ 37 1/2" long, with 45 degree miter on each end (measure and cut to size)

2 - 1x2 @ 25 1/2" long, with 45 degree miter on each end (measure and cut to size)

# Step One:

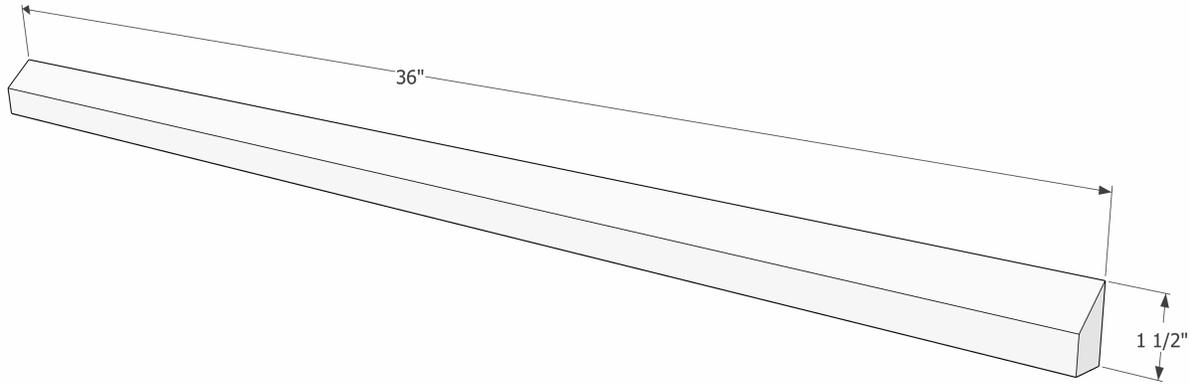
*Cut the Plywood Backer To Size*



Using a table saw or circular saw, cut the plywood down to 36" wide and 24" long. Sand the plywood smooth with 220 grit sandpaper.

# Step Two:

## *Cut The French Cleats*

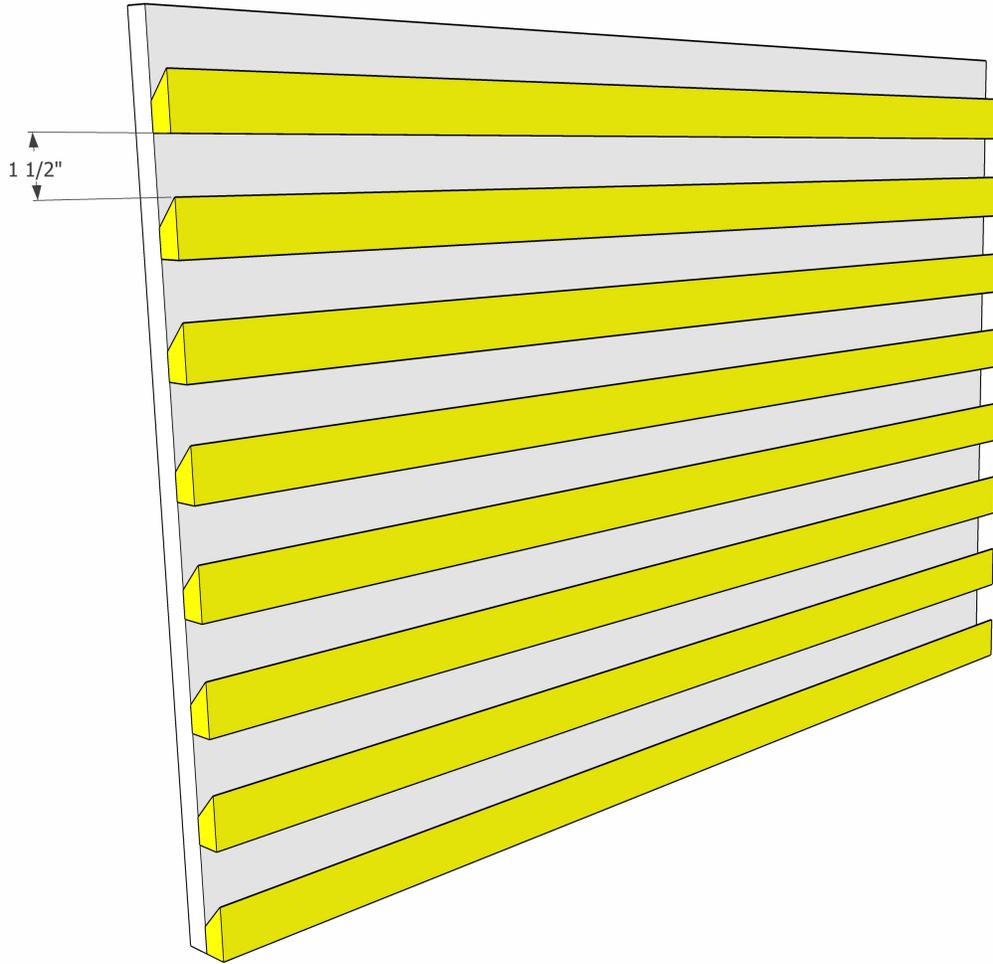


Using a table saw or circular saw, cut a 45 degree miter along one edge of the other piece of 3/4" plywood. Measure and mark 1 1/2" in from that mitered cut and cut along the measured width with the blade set at 90 degrees. Repeat this step seven more times to make a total of 8 French cleat strips.

Make one more French cleat strip using this same method, but rip it down at 1 1/4" wide. This piece will be cut to various sizes to be attached to the organizers built for the wall organizer.

# Step Three:

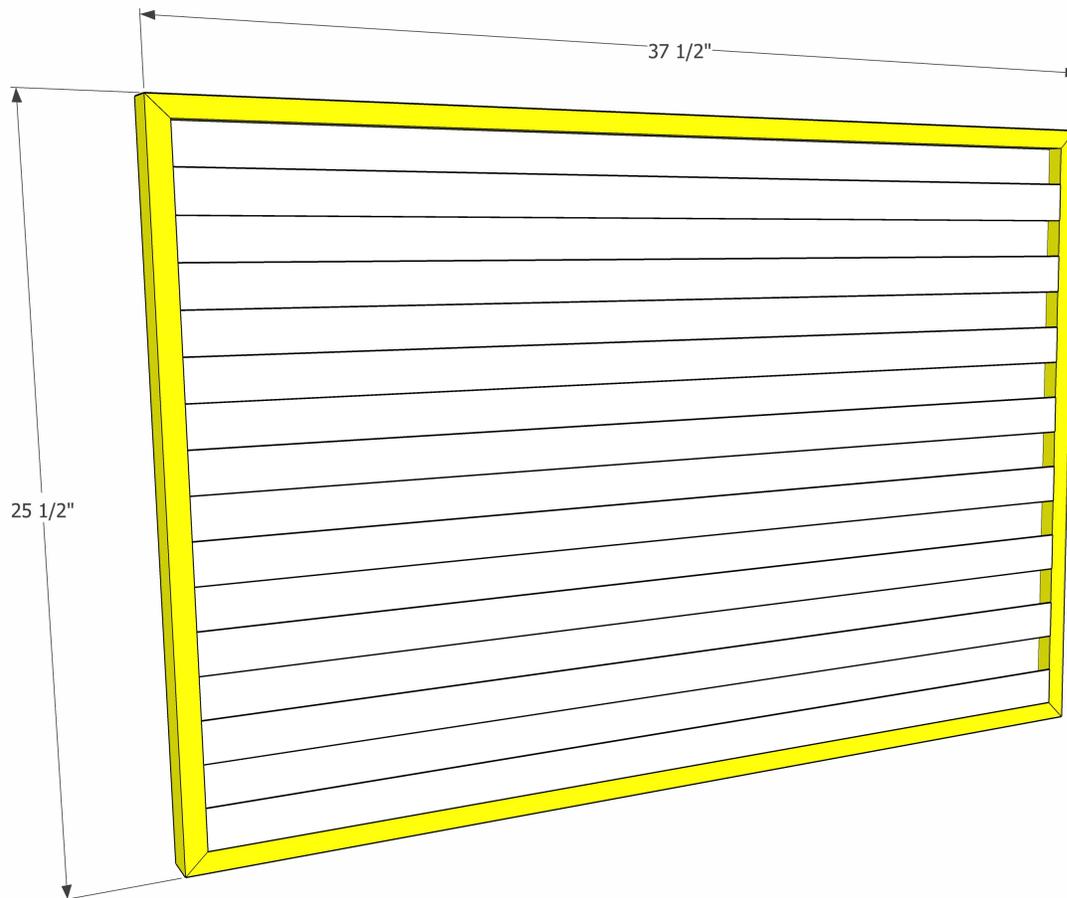
## *Attach The Cleats*



Attach the first cleat flush with the bottom of the plywood backer using wood glue and either 1 1/4" brad nails or pin nails. Use a scrap 1x2 as a spacer between the cleats as they are attached one by one, using wood glue and nails.

# Step Four:

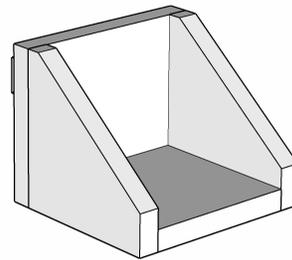
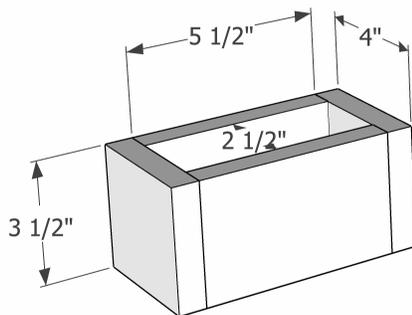
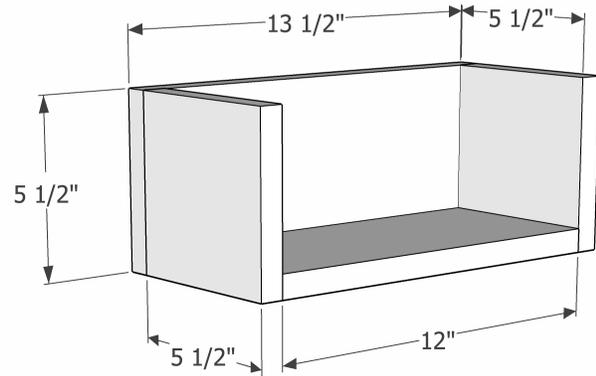
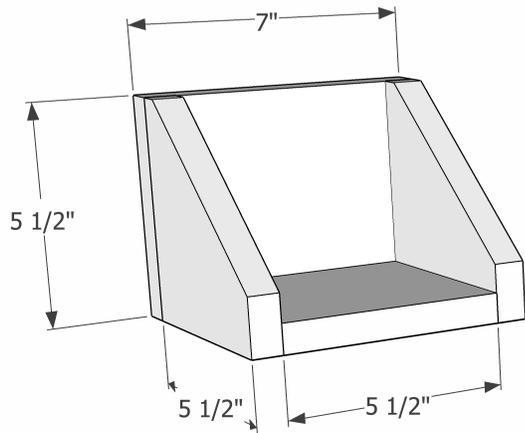
## *Attach The Frame*



Measure and cut to size the 1x2 pieces that make up the frame. They should be approximately 25 1/2" long and 37 1/2" long. Glue and nail the frame pieces in place with 1 1/4" brad nails or pin nails.

# Step Five:

## *Build the Organizers*



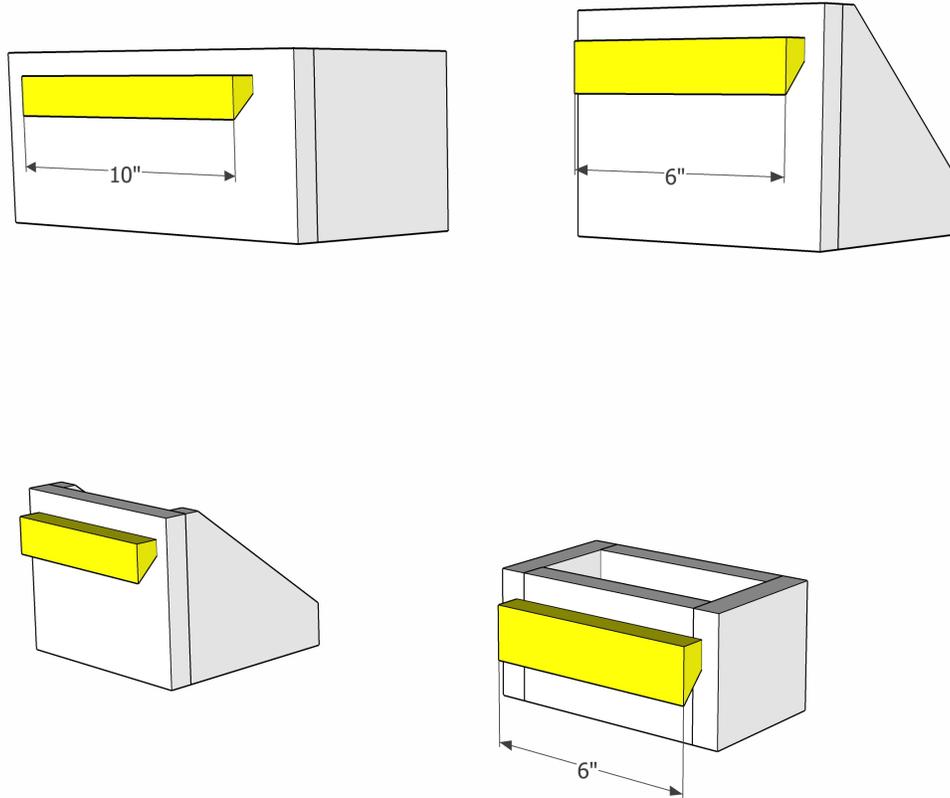
To build the organizers shown in this project, follow the diagram above for the cut list. For the ledge style organizers with a 45 degree bevel, use a 1x6 and cut the pieces down to size. Attach all of the pieces using wood glue and 1 1/4" nails.

For the longer organizer, use a 1x6, cut to size per the diagram. Attach the pieces together using wood glue and 1 1/4" nails.

For the small organizer, cut a 1x4 to size using the diagram above. If a 1x3 piece of scrap wood is available, cut it to 5 1/2" long to make up the bottom of the organizer. If a 1x3 scrap is not available, use a 1x4 piece for the bottom and adjust the length of the side pieces as necessary.

# Step Six:

## *Attach The Cleats To The Organizers*



Cut cleats for the backs of the organizers to various lengths, as shown. Attach using wood glue and 1 1/4" nails.

Finish the wall unit and organizers as desired using paint or stain. Attach D ring hooks to the back of the wall unit and hang on the wall using screws and anchors (if going into only drywall).