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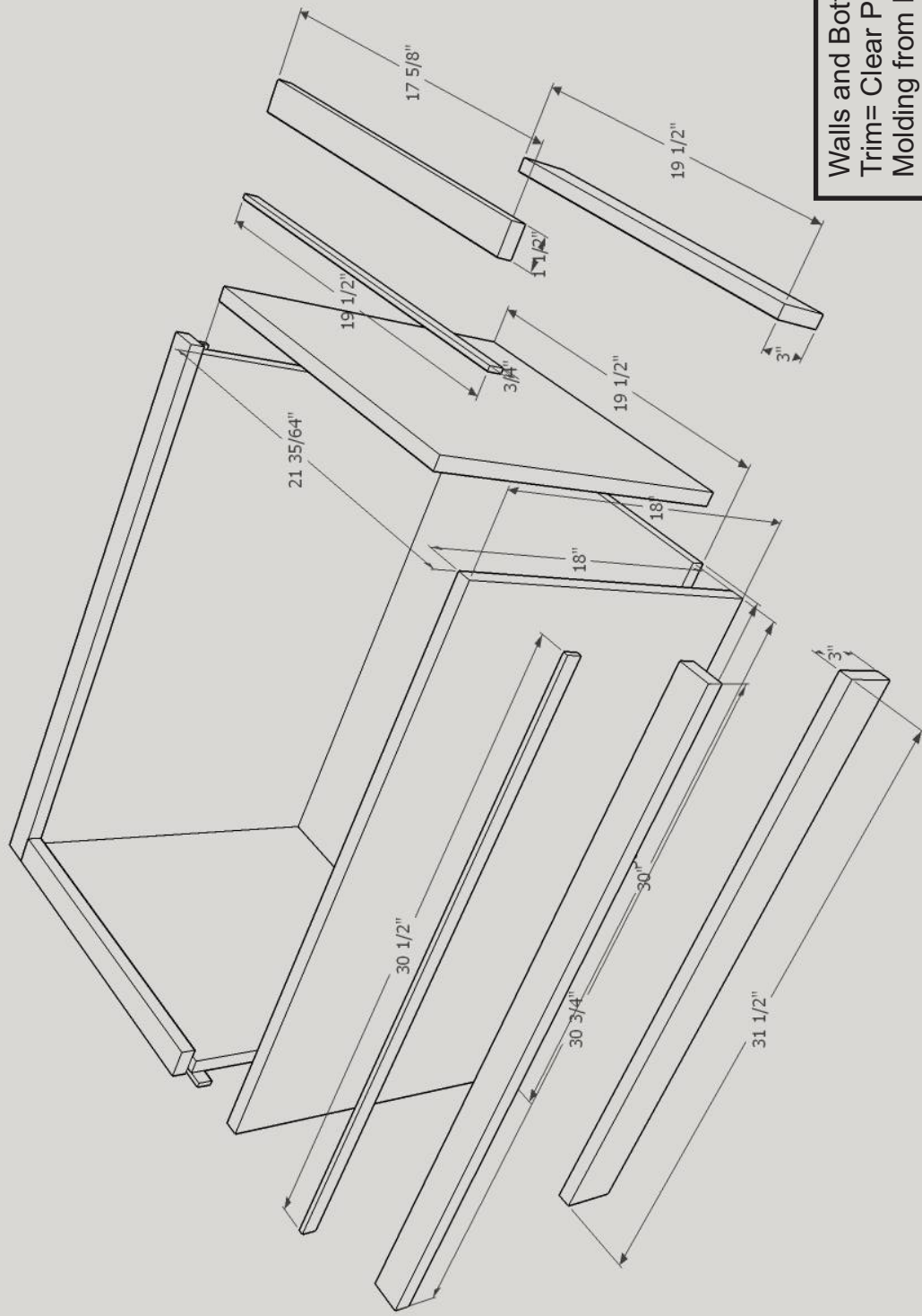
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These are rough plans describing my latest toy box build.

Here is a short build animation link on YouTube

Walls and Bottom= MDF
Trim= Clear Pine
Molding from Home Depot
Assembled with Pocket
screws. All 3/4" Thick

17 5/8"

19 1/2"

1 1/2"

19 1/2"

3"

19 1/2"

3/4"

19 1/2"

21 35/64"

18"

18"

18"

30 1/2"

30"

30 3/4"

31 1/2"

3"

Bottom 30" X 19.5"
Front and Back 30" X 18"
Left and Right 18" X 18"
Bottom Front and Back Trim 31.5" X 3"
Bottom Left and right Trim 19.5" X 3"
Top Front and Back Trim 30.75" X 1.5"
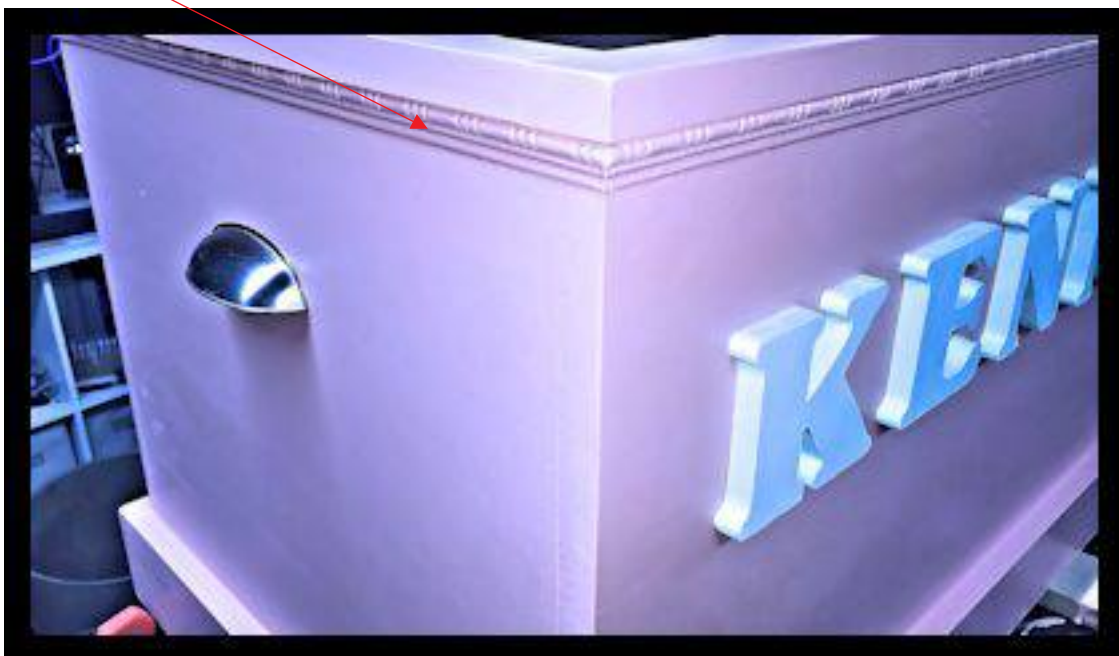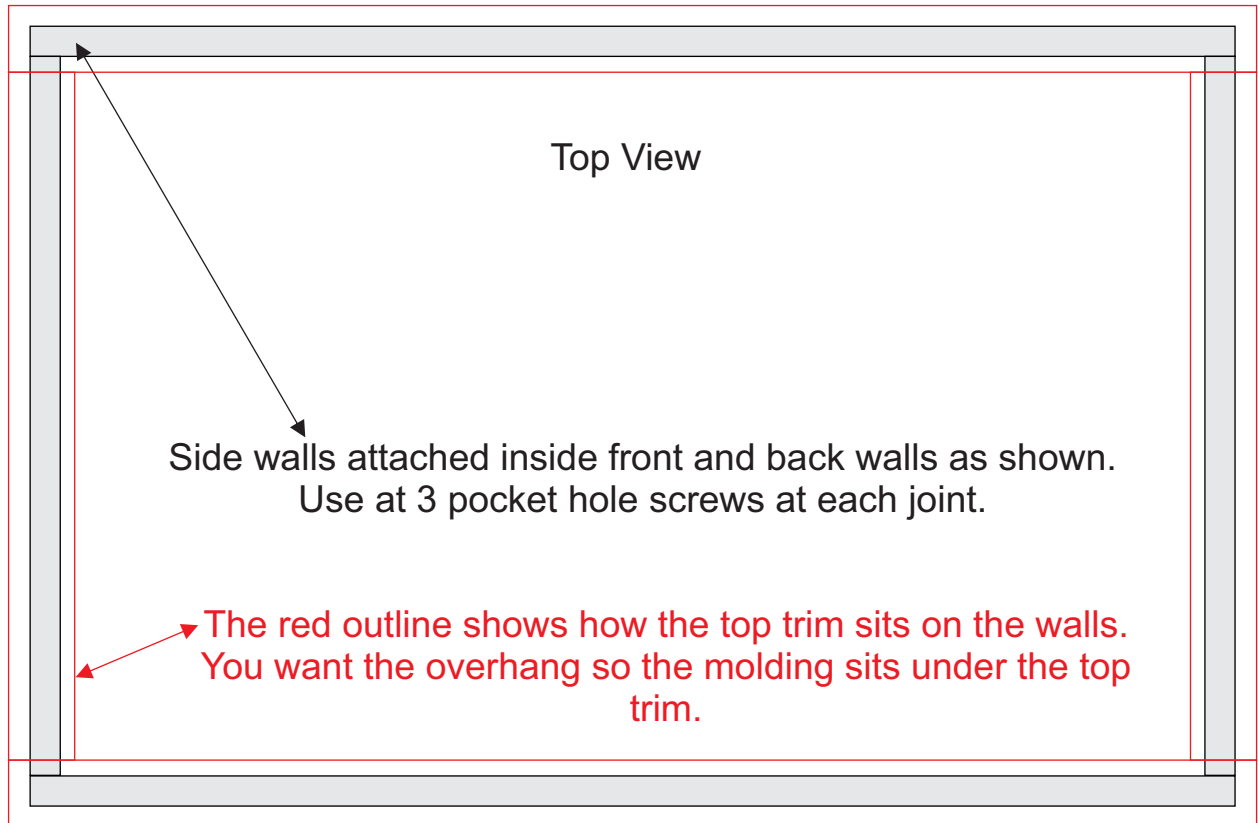Cut and miter molding to fit under top trim.

When I build a project like this I start with the walls. I cut them to the designed size. All the other parts are cut to fit as they are made. This allows me to make the parts fit even if I have been off in the box construction. I cut to a close rough size then sneak up on the cut after a test fit. This can be a very precise way to make things fit.

The top trim is a frame that sits on top of the box. I used pocket screws and glue to assemble the frame. I then used glue and brad nails to attach it to the top of the box.

I used the Kreg pocket hole jig to assemble the four walls. The trim was glued and I used a few brad nails to hole until the glue dried.

The molding was purchased at Home Depot. I did miter the molding as I cut it to fit.

Top View

Side walls attached inside front and back walls as shown.
Use at 3 pocket hole screws at each joint.

The red outline shows how the top trim sits on the walls.
You want the overhang so the molding sits under the top
trim.

Bottom

The bottom fits under the walls. It will be hidden by
the bottom trim so it does not need to fit inside the box.

Attach the bottom with pocket screws drilled into the bottom
of the walls. 3 across the front and back. 2 across both sides.