

Foamcore Dice Tower Assembly Instructions

Designs by Matt Drake of VixenTor Games - Free for Personal Use

Materials:

1 Sheet of foamcore
Box of straight pins (usually used for sewing)
Hot glue gun and plenty of glue sticks
Spray Mount or Rubber Cement
Craft Knife (I used an Exacto)
Metal Ruler or other metal-edged straight edge
Empty ziploc bag
Scotch tape

Disclaimer - Don't be stupid. Exacto knives are wicked sharp, and it is an especially bad idea to use spray mount inside. If you get sick or cut yourself, sue your parents for not giving you more active brain cells. Don't sue me.

1. Print this file. If you have a design program, you can use the last four pages (overlay pages) to create your design overlays. These last four pages are optional - if you want, you can make an undecorated tower and hand-paint it, or whatever.

2. Mount the first four cut sheets onto the foamcore. There are two ways to do this, depending on your preferred mounting glue. Rubber cement should be applied liberally to the entire back of each sheet and allowed to dry before you cut. If you use spray mount - which I highly recommend if you are good at it - spray the back and try to line up the sheets so you can cut square with the edge of the foamcore sheet.

3. Cut out all cut pieces before continuing, even the tray. Use the metal ruler to make sure you're cutting straight lines.

4. Cut out overlays. You still have not glued anything - some overlays need to be mounted now, some later, and you don't want anything glued right now.

5. Mount interior floor overlays and tray floor overlay now. I recommend using rubber cement for mounting overlays, as the rubber cement (if adequately coated) will be slippery enough to let you position overlays.

6. Cut the curtain from the plastic bag. This needs to hang across the entire opening, all the way to the

bottom of the tower. There is no diagram for the curtain - just cut it so it fits across the opening and all the way to the floor, with about 1/8" space on left and right. Test fit it in place, then glue the curtain to the back of the front panel with hot glue.

7. Assemble the back of the dice tower and one side. Put the two floors in that fit into the back. You may need to trim out the slots in the back to make sure the floors fit. You still have not glued anything.

8. Use straight pins to hold the side and back, then put in the other floor and the opposite side, saving the front for last. Use straight pins to hold the other side in place, then put the front in place, with the top of the front level with all the other panels. The top of the entire tower should be level.

9. Start with one joint. Pull it out about 1/4" and squirt the glue into the joint, then push it back together. Do this for each joint until your entire tower is glued. Then pull out the pins.

10. Mount the tower overlays now, if you want them. Again, rubber cement is probably best, since it will slide a little.

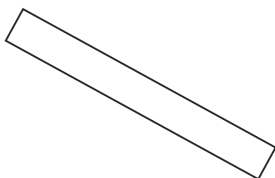
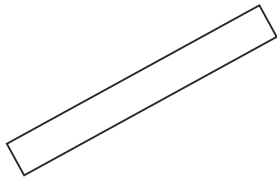
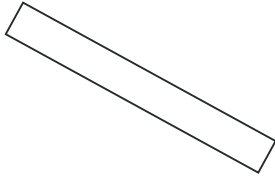
11. Test fit the tray and assemble it. Unless you're a total spaz with hot glue, you probably don't need to pin this part. Glue the tray sides to the tray front, then slide the tray floor into place and glue that.

12. Glue the tower onto the tray. Put the glue around the bottom of the tower and press it into place. You may want to glue the tray sides to the tower, too, to make sure they don't stick out and look funny.

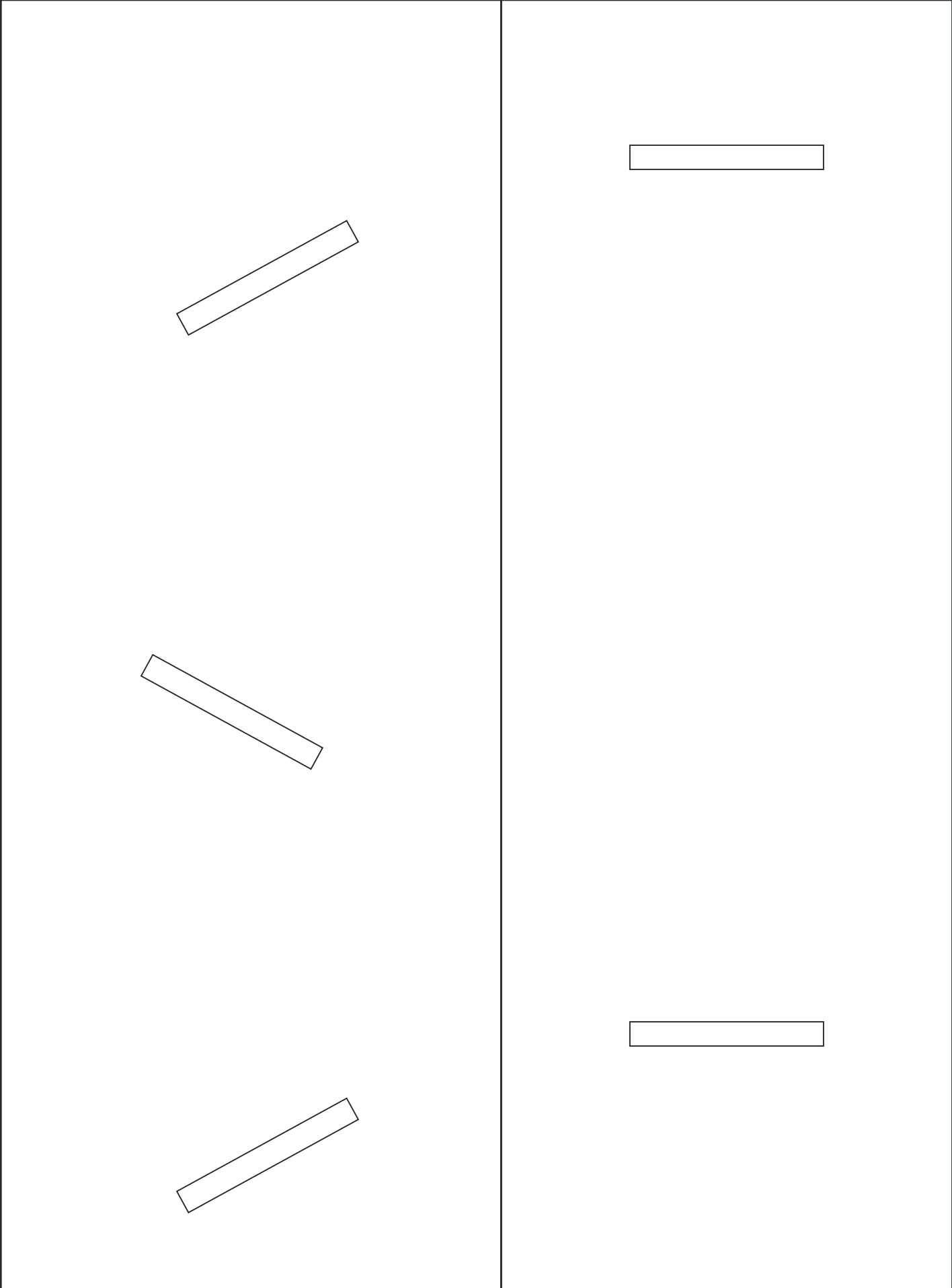
13. Mount the side and front tray overlays.

14. Cut long strips of scotch tape and place them on the joints of the tower from top to bottom, to prevent the overlays from peeling up. Do the same to the tray panels. A single piece of tape goes from the top to the bottom of each joint, covering a little of each overlay.

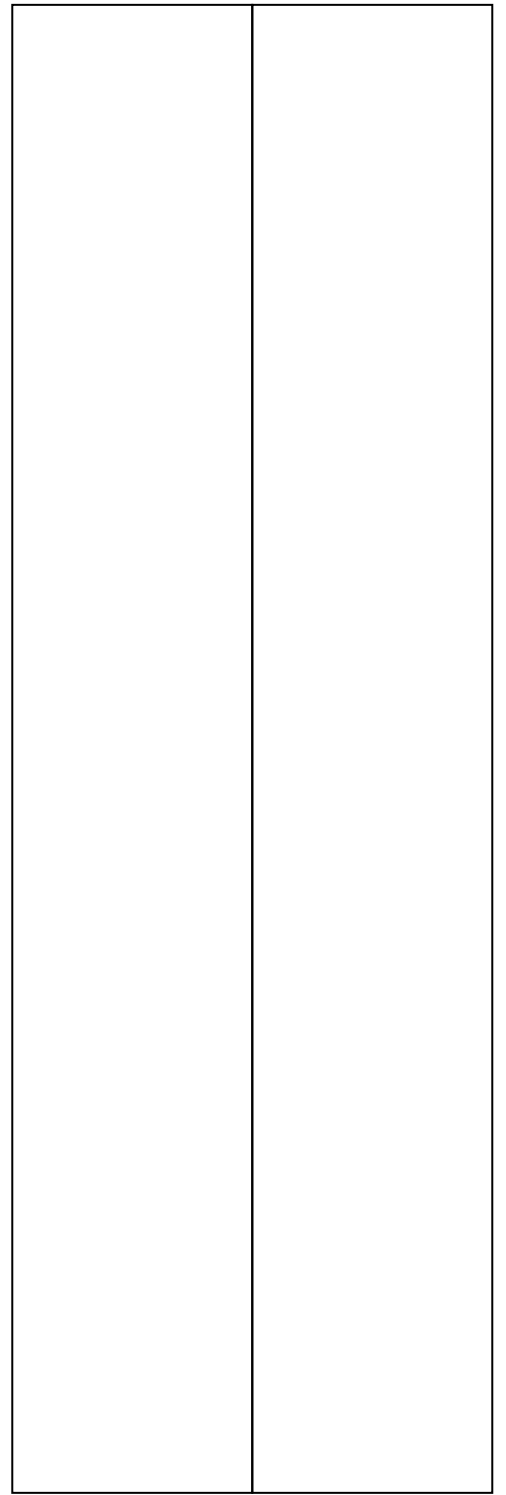
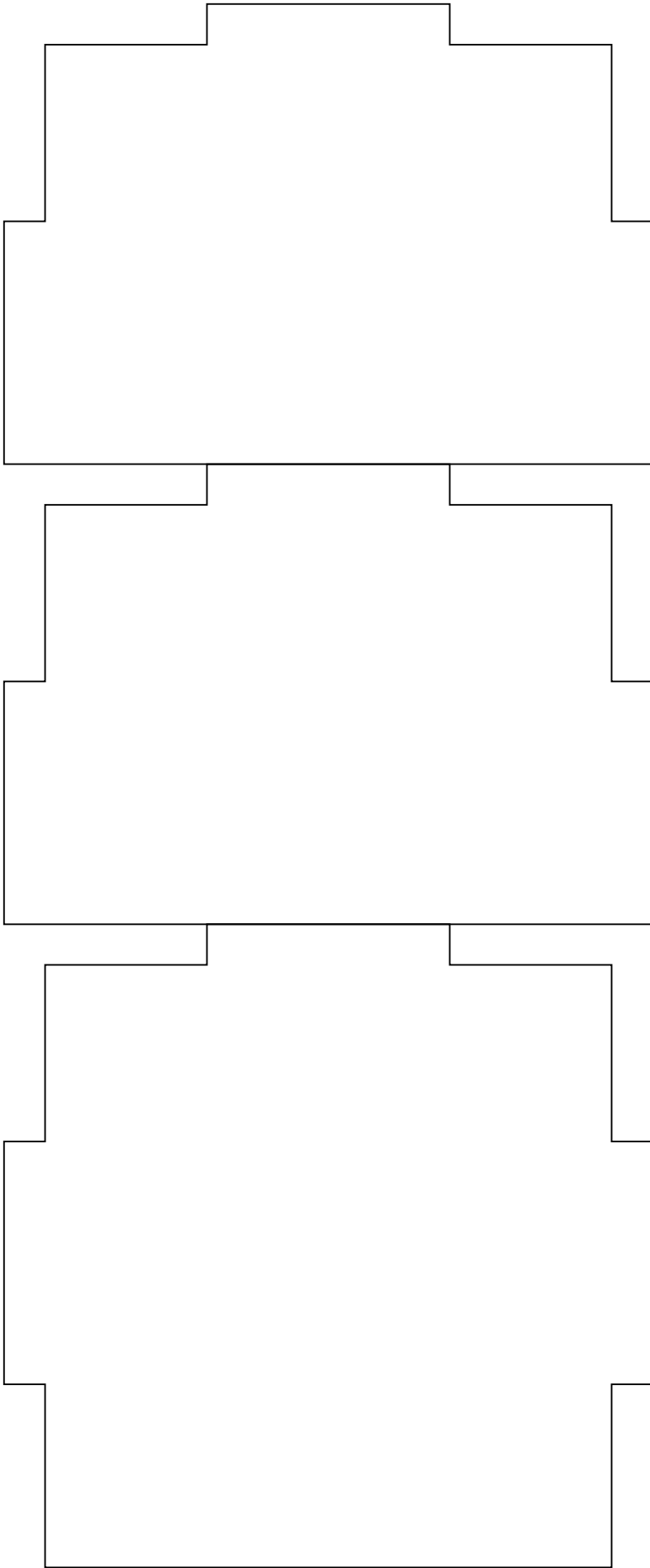
15. Roll dice. Brag to friends.



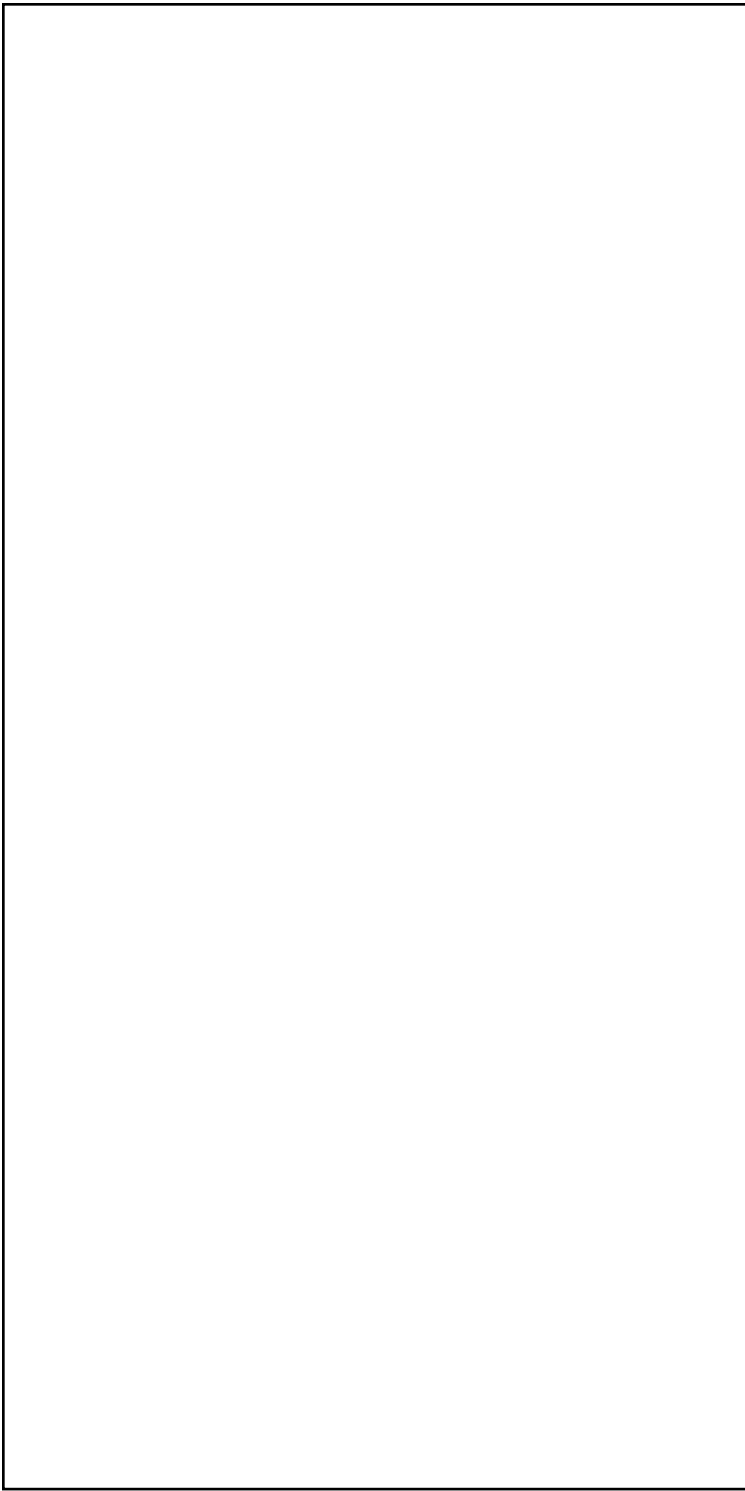
Front and Left Side



back and right side



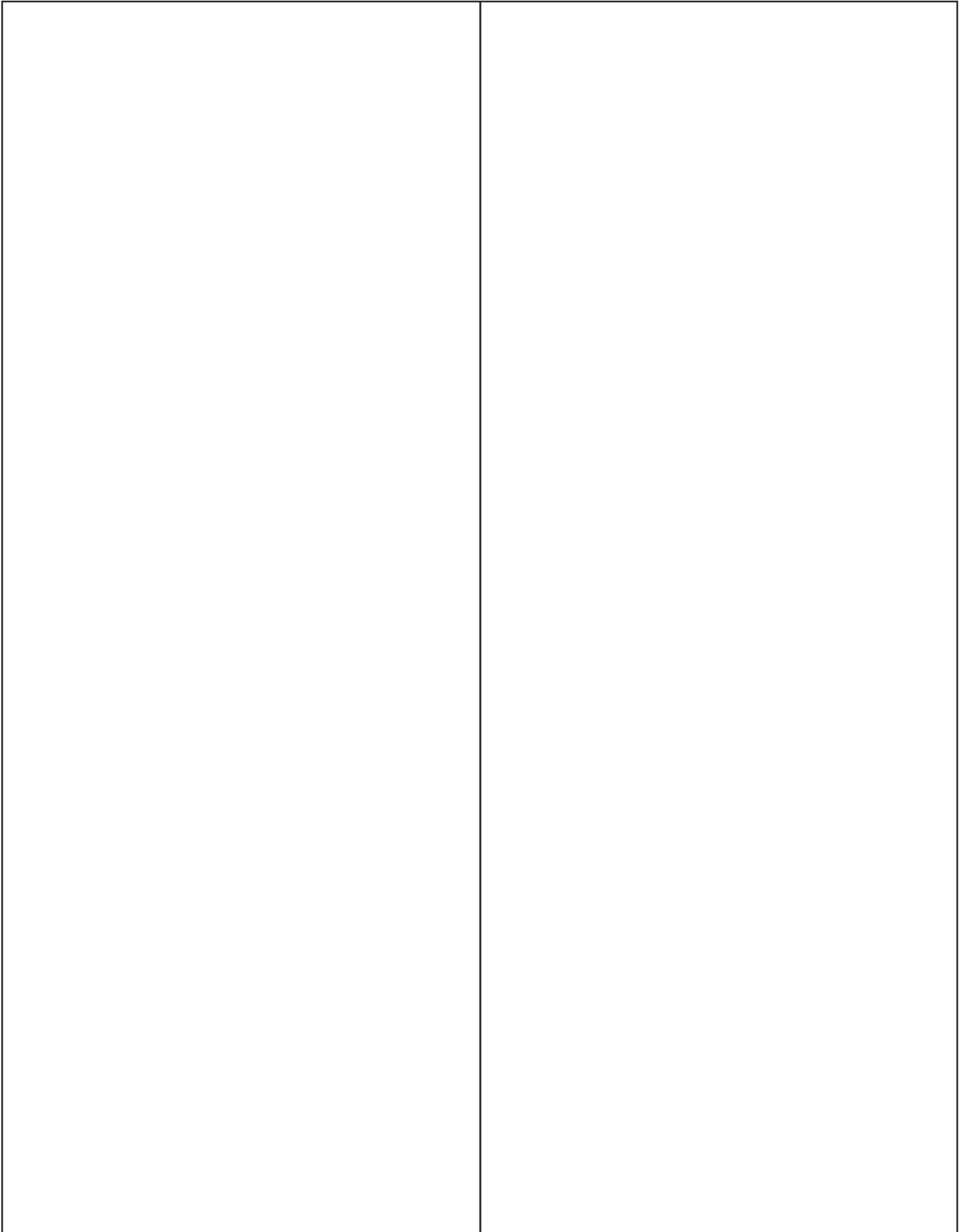
Interior floors and tray sides



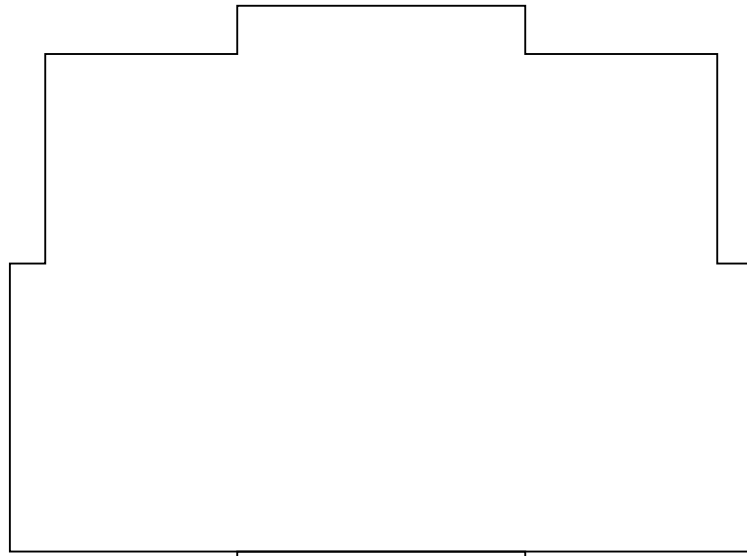
Tray floor and
tray front panel



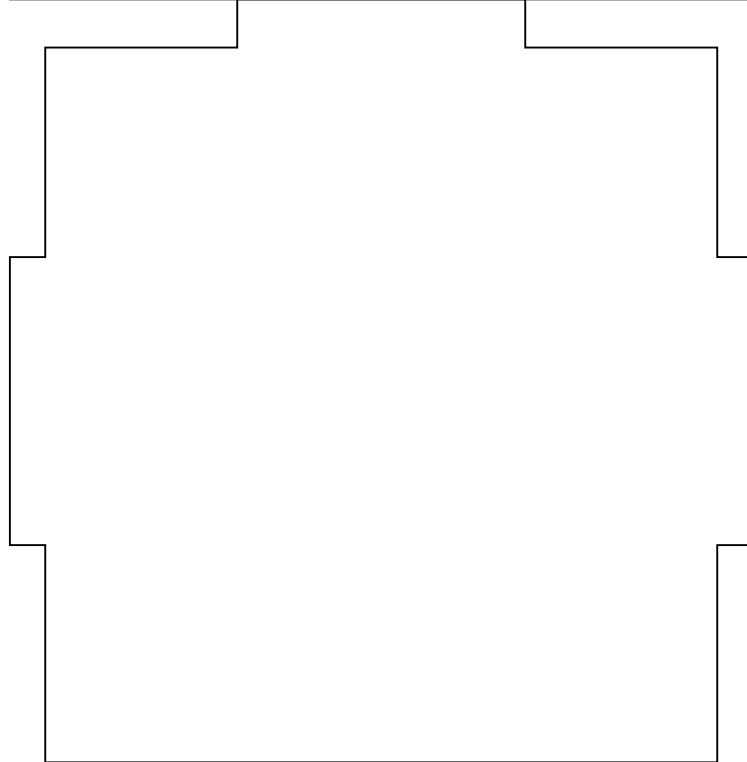
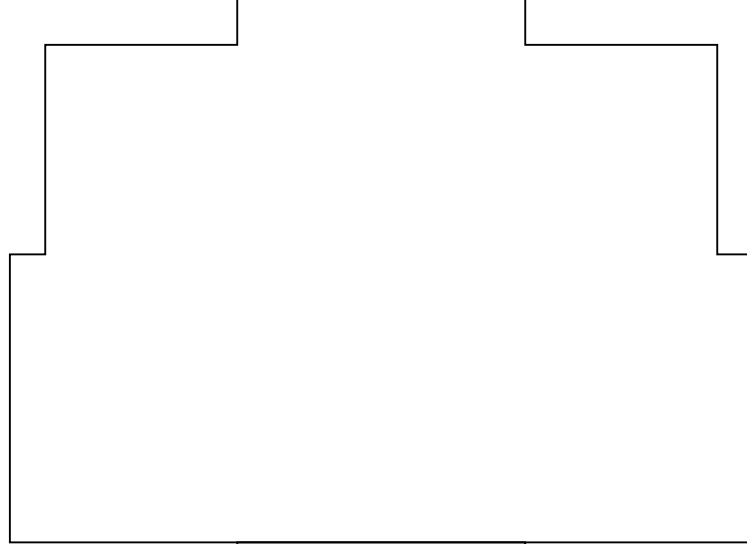
Left Side and Front Panel-
Art Overlay

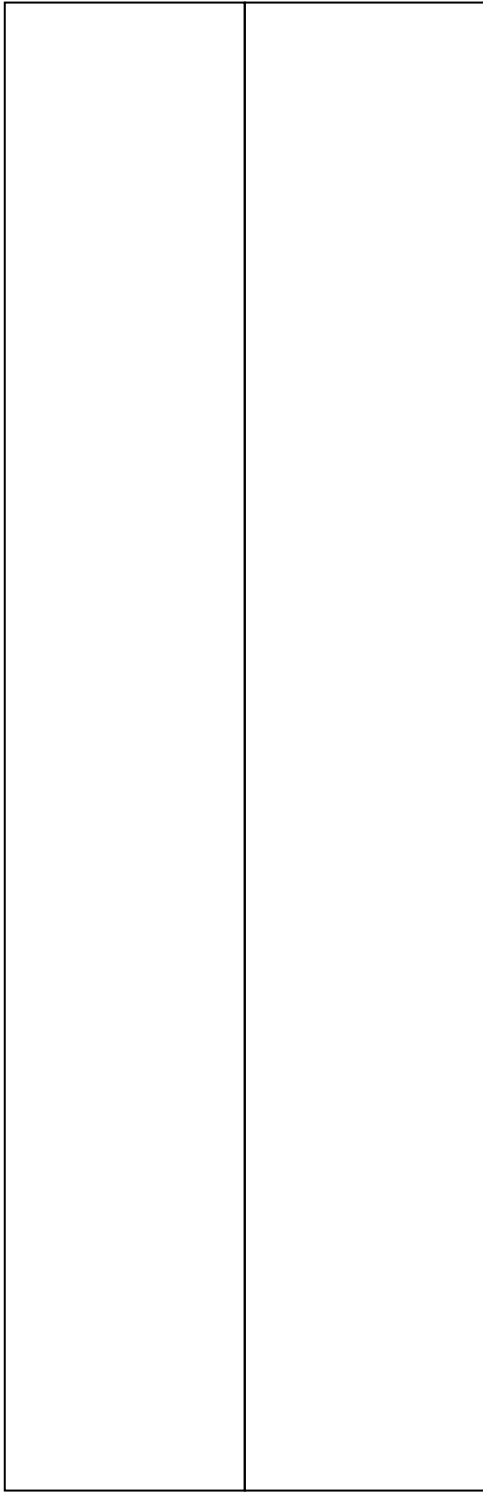
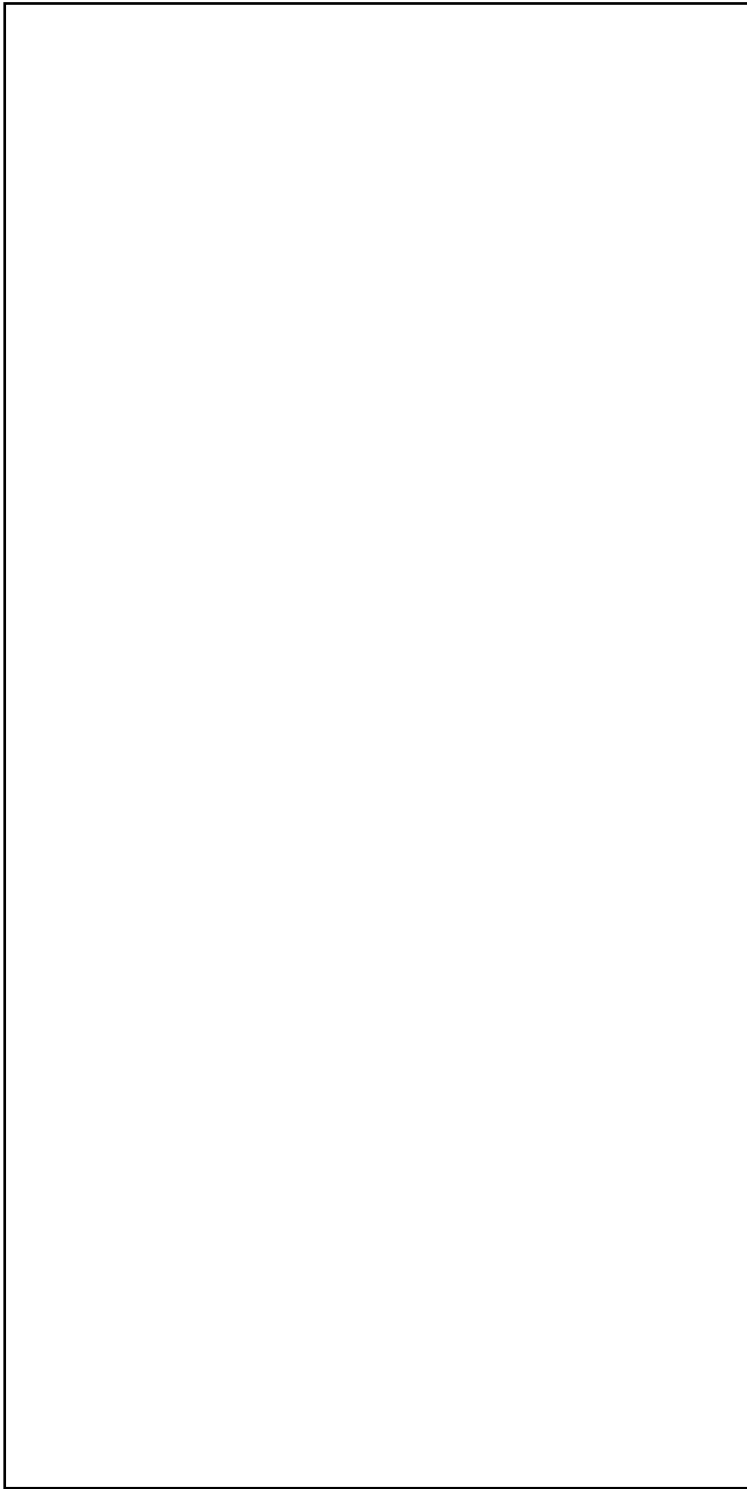


Right Side and Back - Overlay



Interior Floors-
Overlay





Tray floor and sides-
Overlay

