Project Make Group Tower Project

We're going to make a tower built with square layers cut out of cardboard. Each person will make their own layer in Inkscape, cut it out, and then add their layer to the growing tower.

Specifications: Your "layer" of the tower will be four slotted pieces of cardboard, all 1 inch tall and the dimensions you get from the attached "slotted cardboard sizes, 2021.pdf" document (The sizes range from 6 inches wide to 12 inches wide.) The following shows one part for a 6 inch wide piece:

The slots should be 0.12 inches by .6 inches and should slightly extend below the edge of the larger pieces as shown. The slots should be near the ends, about as far away from the ends as they are thick. See above. **Do not do a Path>Difference**, just leave the boxes as shown in the image above. You're going to make one of these, then duplicate it four times. Put your width dimension and your name in black on one of the pieces like this:

Make your name and the size info black, .1 mm, no fill, and the rest red, 255, .1 mm.

Before you email your project to the laser, make sure the following is true:

- All lines are .1 mm. All fill is off.
- All of the rectangles are 255 red and the writing is 0 black.
- Your name and the size are only on one piece.
- The small rectangles aren't too close to the ends; they should be about as far from each end as they are wide. Look at the example images above.
- Everything fits on your document. You may have to set the document to landscape mode or make it a larger window to fit your pieces. (You can change the document size in Document Properties under the File menu.)
- Your layer file is named with your full name followed by the word "layer", so if your name is Kanye West you would save the file as : Kanye West layer.svg.
- You have turned your Inkscape file in to the Google Classroom.

After I cut out your pieces, assemble them, show your creation to Mr. Hays for sign-off, then when appropriate put it onto the growing tower.