

WAVE OF CONVICTION

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CONCEPT & DESIGN



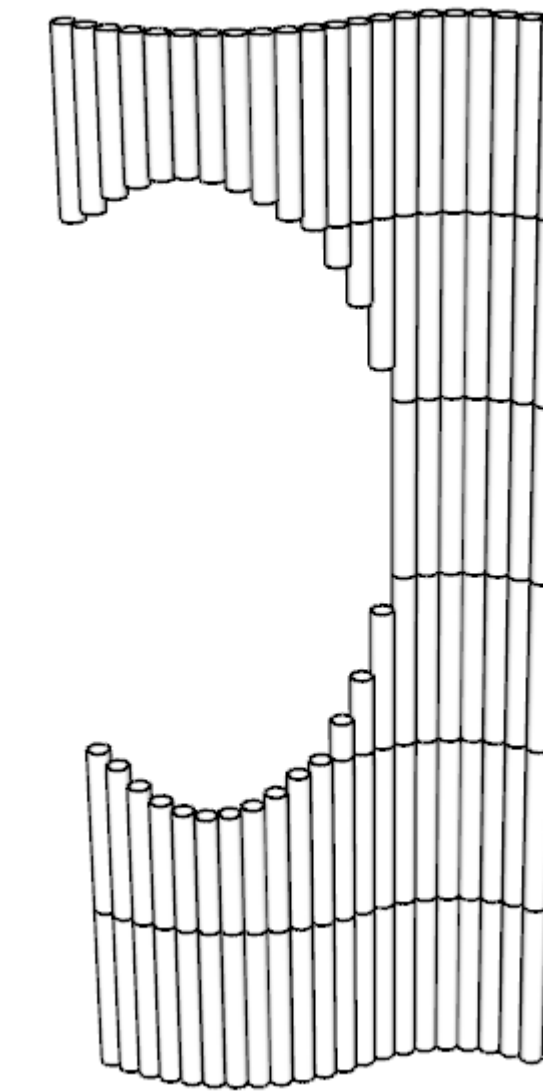
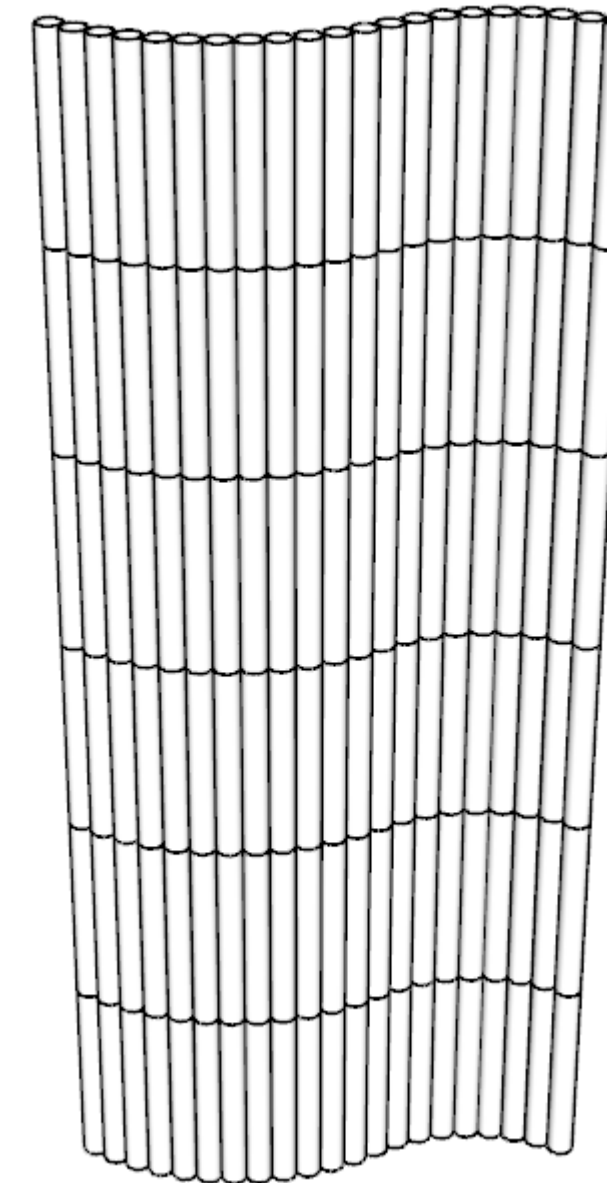
Everything starts at these two picture of craft rolls. The cylinder shape of craft rolls provide strong forms which can be uses as the structure of certain furniture.



Series of craft rolls can form "walls" which can create curve room dividers which leads me to change my project to create a decent size divider screen.

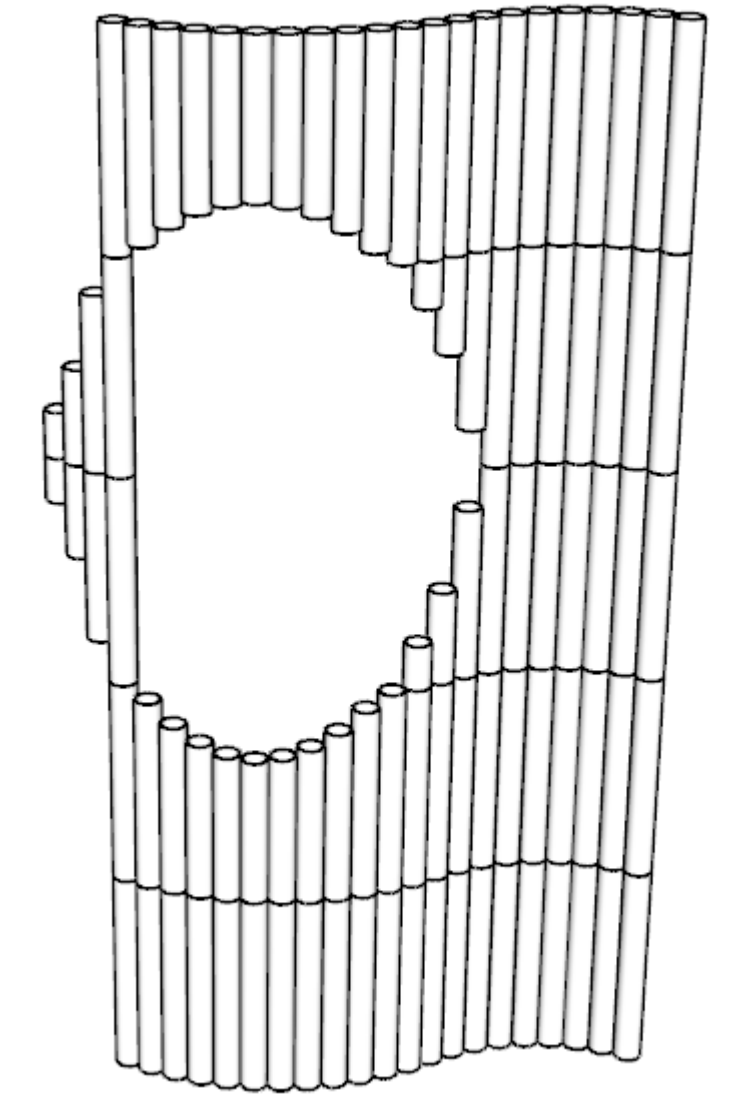
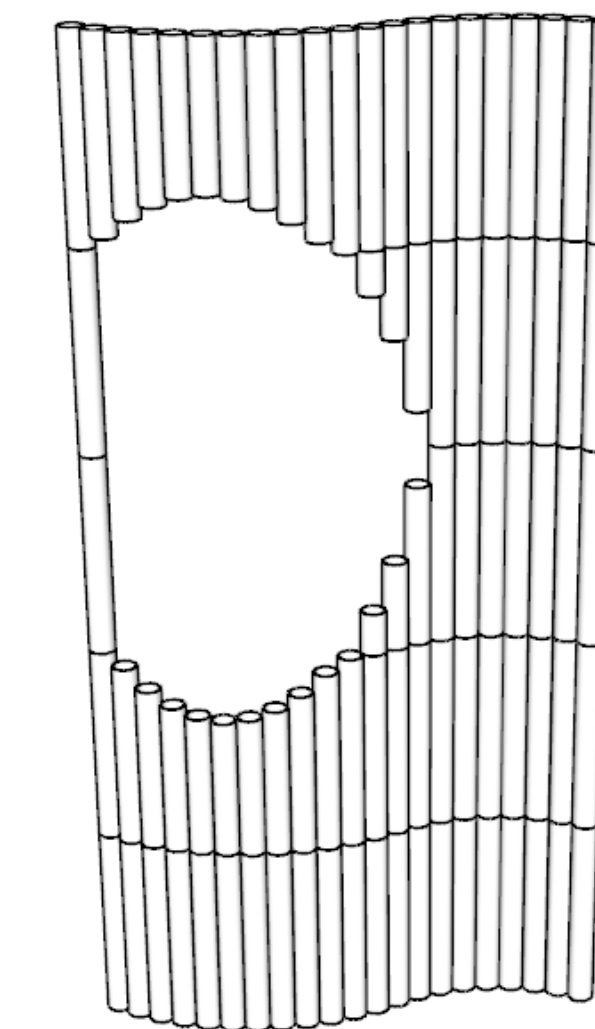


The first sketch is to test how much craft rolls I need for a small size screen. In this 2'6" X 6' screen, it requires 126 rolls. However, it is boring.



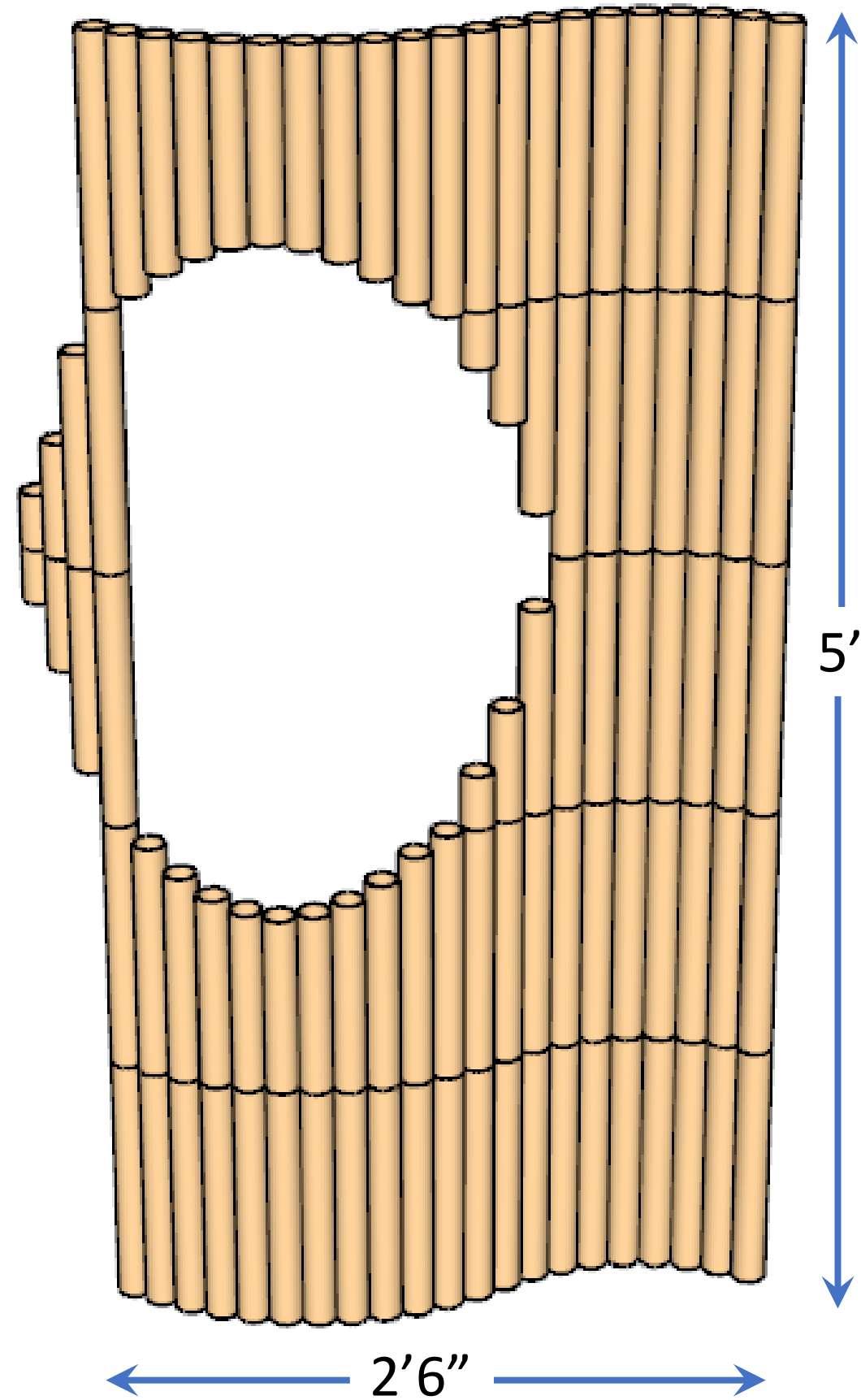
Then, I tried to create a negative space in it to make it more interesting. And it comes out much better with less rolls. However, the structure is less durable, and I don't believe it will stand.

To further ensure the screen will structurally stable, I lower the height of the screen form 6' to 5' and add another connect point.



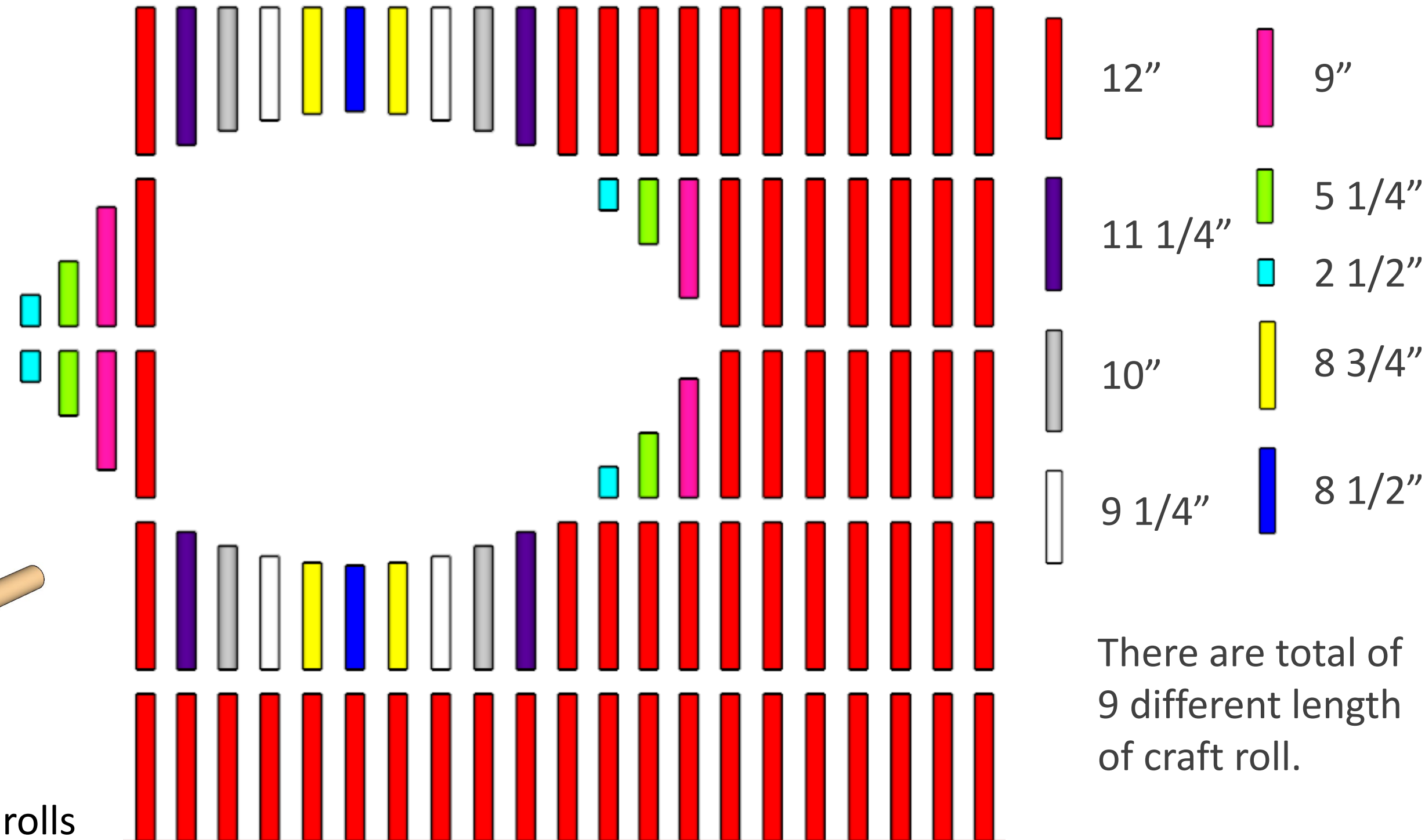
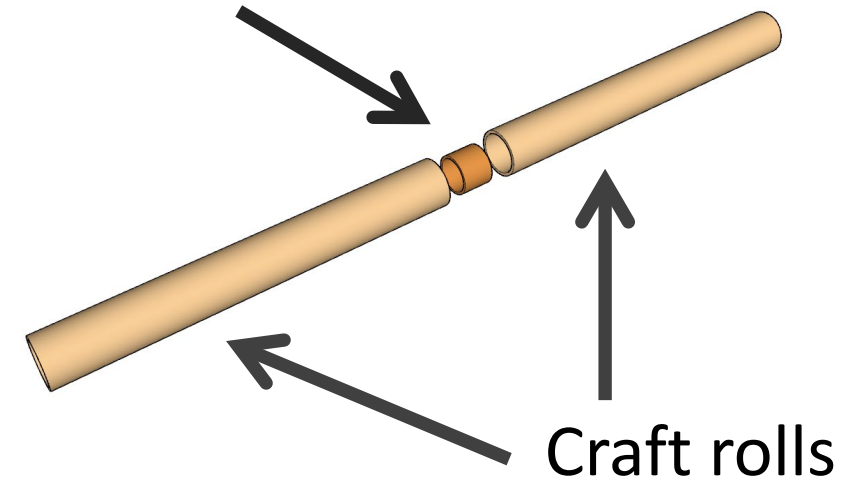
Finally, with the help of Deb, I create another negative space outside of the screen and complete the ellipse. As the final sketch shows, it requires 91 rolls.

MAKING & STRUGGLES



This is how I connect craft rolls vertically by using a smaller \emptyset roll to glue them together which provides stronger connection.

Connection roll $\emptyset 5/8$ and 1" long



There are total of 9 different length of craft roll.

The most difficult part of this project is how to connect each 5' roll together and make it moveable since the screen is in a curve form. The cheapest way I found is using strings. However, after I tried multiple way to connect them, they always fall apart. Due to the lack of materials I can access, I couldn't find a better solution even thou Deb gave me multiple suggestions and I have already tried several of them out.



MODELING

