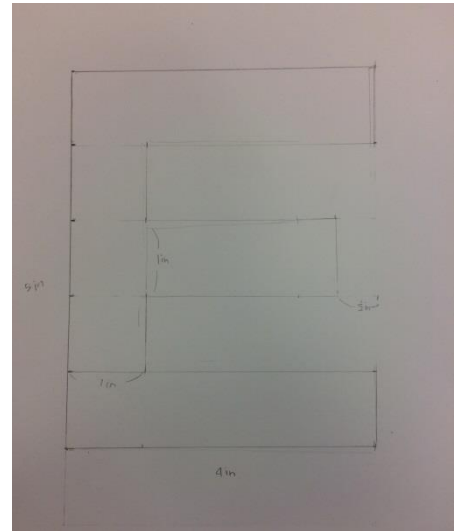


## Wednesday Challenge Form

Group Members: Sona, Lucas and Andrew

**Problem Statement:** Design a capital letter E made out of corrugated cardboard. A different team will receive different design made from a different team. Differences between the model on sketch up and the model made from the cardboard will be measured by the judges to determine the winner.

**Approach:** Our team first designed a sketch model drawn by pencil to estimate how it would be. We put the exact dimensions used to draw the E and modeled it on sketch up. The judges took the file and we received a different file from the other team that we will be working with. Before we started using box cutter, we drew the guidelines that would help to recognize where to cut. Then we cut out the excess cardboards to get the final product.



**Solution:** Chris's group won the challenge having the least amount of errors compared to the sketch up model they have received. Their solution was to measure the model accurately as possible for the guideline.

**Lessons Learned:** If I would to this challenge again, I would measure the dimensions of the E more accurately and cut them by holding the ruler tight so it would not budge around the cardboard. It is easier to use the box cutter when the straight edge is still.