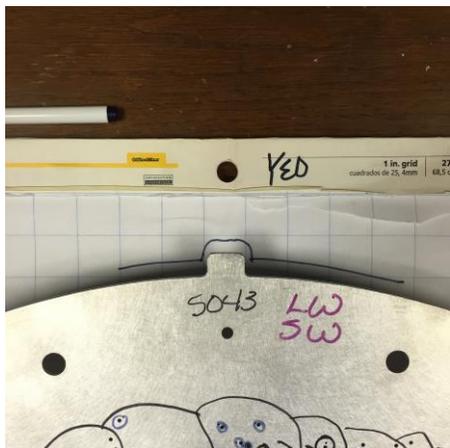


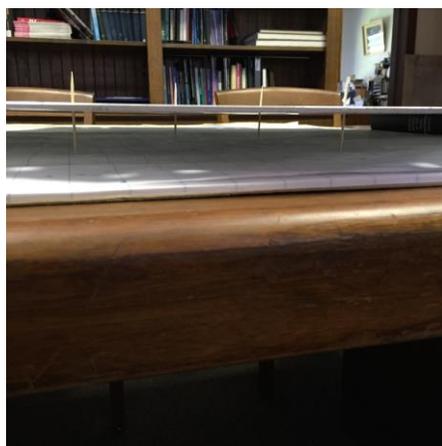
## POSSIBLE METHODS FOR FINDING DRILL HOLES FOR SPECIFIC OBJECTS

### Method 1: Toothpicks (simpler)

1. Line up the tabs on the plate and image poster. Make a gap between them by setting the plate on a couple books or something similar. Locate the object on the image poster that you are interested in.



2. With the plate resting above the image poster, slide toothpicks into the holes near the object you want until you find the hole that matches that object. Due to slight irregularities in size and shape, about  $\frac{2}{3}$  of regular toothpicks will fit through the holes.



3. When you have found the hole that matches the object, put some sort of marking on the plate for future reference (if so desired).

Method 2: laser pointer (can be more accurate, but may be difficult to do so)

1. Find either a T-square or L-square and (optionally) a couple small blocks. With this method, the plate can be separated from the poster by resting it on books, or for a larger gap, resting it on chairs. Again, make sure the plate and poster are properly aligned.



2. Attach a laser pointer to the top end of the T/L-square using rubber bands or something similar. The laser pointer should be attached so there is ample space between it and the plate. The small blocks can optionally be clamped on to the sides of the T/L-square so that it stays straight up-and-down.



3. When the laser pointer is turned on, it should be pointing straight down towards the plate. This should ensure that if it points through one of the holes, it must be going straight through rather than at an angle.
4. Now you can test different holes around the object you are interested in to figure out which drill hole matches the object.