

# VINYL CUTTER FILE SETUP

## ORIENTATION REQUIRED FOR USE

### Setup

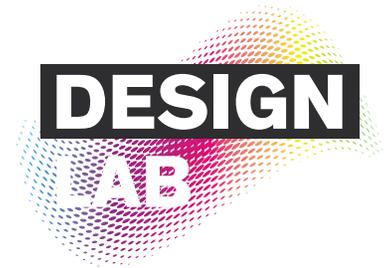
Create an Adobe Illustrator file with an artboard of 23 inches in width. This is the max cut width of our machine. If you are using a custom vinyl sheet not from the studio, please set the artboard to the size of your vinyl with 0.5 inch margins on all sides.

The max length you can cut on the machine is determined by how straight you place your vinyl onto the machine, so far the max we have cut is 6 ft in one go. Trying longer lengths may cause for a faulty cut.

The vinyl cutter follows any and all shapes in the Illustrator file. Your design must be a vector in order to cut.

The best view mode to see all the paths the machine will cut on is Outline view, which you can access by going to : View > Outline, or using Command+Y or Ctrl+Y

Set up your design as you intend to place them unless they are multiple small designs then fill as much as the artboard as you can. Keep spacing in mind.



### Orientations

for the Vinyl Cutter are at the *Design Lab*

Address :

2 West 13th Street, L1000

designlab@newschool.edu

The CD Studio sells vinyl in 3 inch increments of height of 24 inch wide adhesive vinyl at \$2 per increment.

Other things you can cut on the vinyl cutter beside adhesive vinyl

Heat transfer vinyl  
Heat transfer fabric  
Paper with backing  
Fabric with backing

### Near by Vendors

Blick -  
21 E 13th St.  
Between  
5th ave and University Pl.

Michaels -  
675 6th Ave on 22nd St.

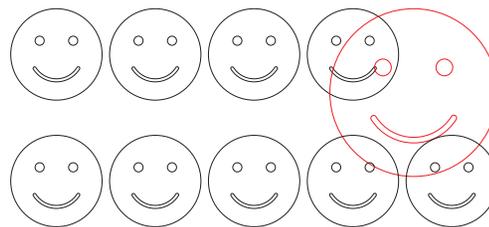
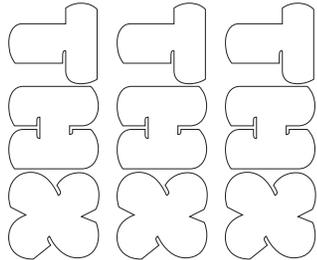
Canal Plastics -  
345 Canal St between  
Wooster and Green

Design in  
Place

min. 20pt type  
Text Outlined

Smaller Designs  
Bunched Up

3  
in



No Fill  
Stroke 0.25pt  
All Paths  
Avoid  
unintended  
overlaps  
Max L 72 in

Artboard  
Size

23 in

### Post Process

When making your design understand that small details and text are hard to weed and you may need to enlarge your design to achieve details and or for the machine to properly cut

Weeding is the process of removing the negative, the unnecessary portions of your design from the cut vinyl.

Even if you successfully weed a very detailed design it may not have enough surface area to adhere to surface properly which may result in a warped or broken final piece.