

UNIVERSAL LASER CUTTING

GREENBERG (GREEN) & WINKLER (BLUE)

1. Find the Laser Cutter that you reserved.
2. Turn on filtration/extraction system. (Green switch by the door)
3. Turn on Universal Laser. (Bottom right side)
4. Open AutoCAD.
5. Load your desired file and corresponding template.
 - (Desktop > Laser Cutting Templates > Universal Laser Template_Metric) (mm)
 - (Desktop > Laser Cutting Templates > Universal Laser Template_Imperial) (inches)
6. Copy and paste files into template file. (Only geometry within inner border will be processed)
7. Match properties from template legend. (Cut / Etch / Raster)
8. Type PLOT into AutoCAD to send to Universal Laser Cutter.
 - A. Confirm that the plotter is set to PLS6.75.
 - B. Confirm that the paper size is USER-DEFINED LANDSCAPE.
 - C. Confirm that the plot scale is 1:1.
9. Plot to laser cutter.
10. Open PLS software. (Start menu bar > red box at the bottom right)
11. Set material parameters.
 - A. Select SETTINGS button. (Bottom Right)
 - B. Select MATERIAL DATABASE button. (Top Left)
 - C. Select MATERIAL FAMILY MENU. (Drop down menu)
 - D. Select MATERIAL. (Confirm material thickness)
 - E. Hit OK!
12. Open machine door and load material onto machine bed. (Justify to top right corner)
13. Press Play!
14. When finished processing sheet, remove/clean all parts and debris from laser bed.
15. Close machine door carefully.
16. Exit all programs on computer.