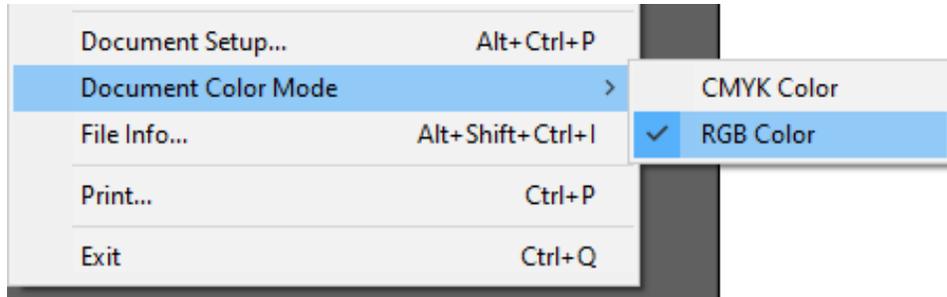
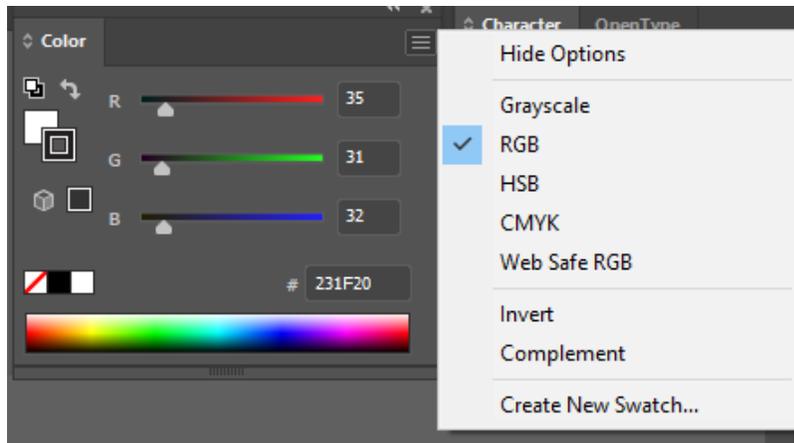


Using the Laser Cutter from Adobe Illustrator

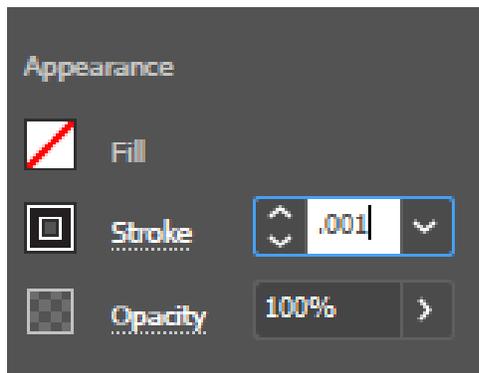
- Set up an Illustrator file in inches
- Artboard should be the same size as your material
- Document color mode should be set to RGB



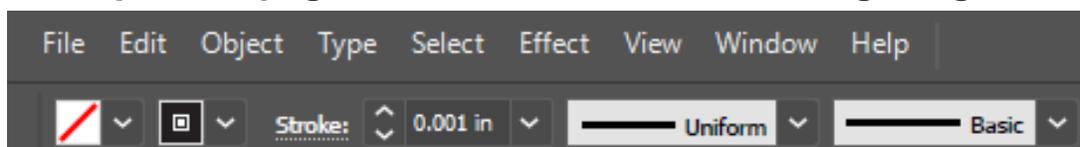
- Color Window should be set to RGB as well



- Vector Lines **Red** (cut through lines) Color Hex Code: FF0000 / Stroke set to .001
- Vector Lines **Blue** (vector etch lines) Color Hex Code 0000FF / Stroke set to .001

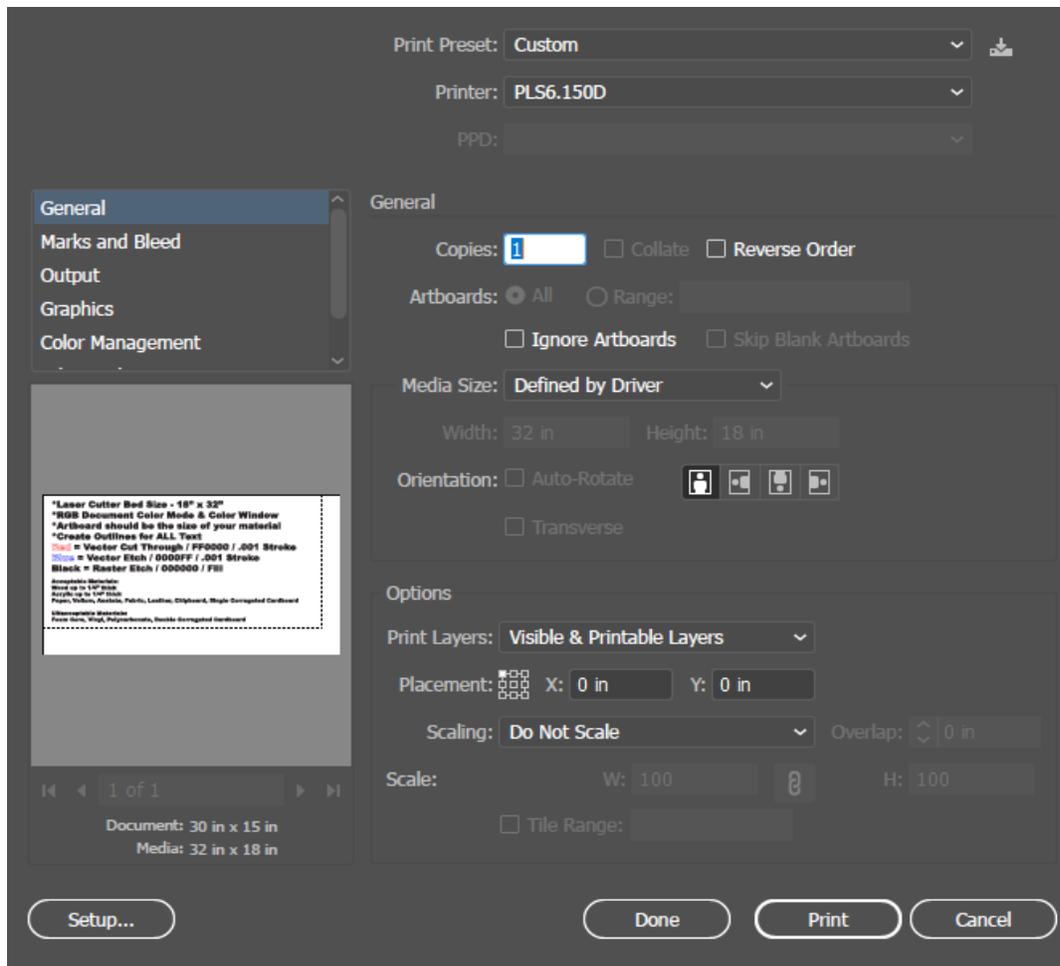


- The top of the page should look like the following image for all Vector Lines



- Raster Etch Black (Areas of black Fill) Color Hex Code: 000000 / Fill

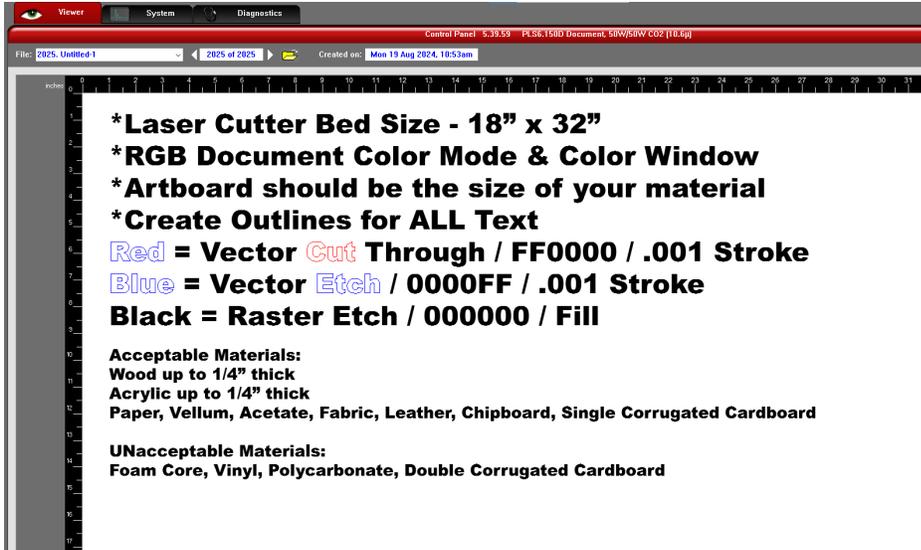
- When ready to “Print” setup should look like the following image



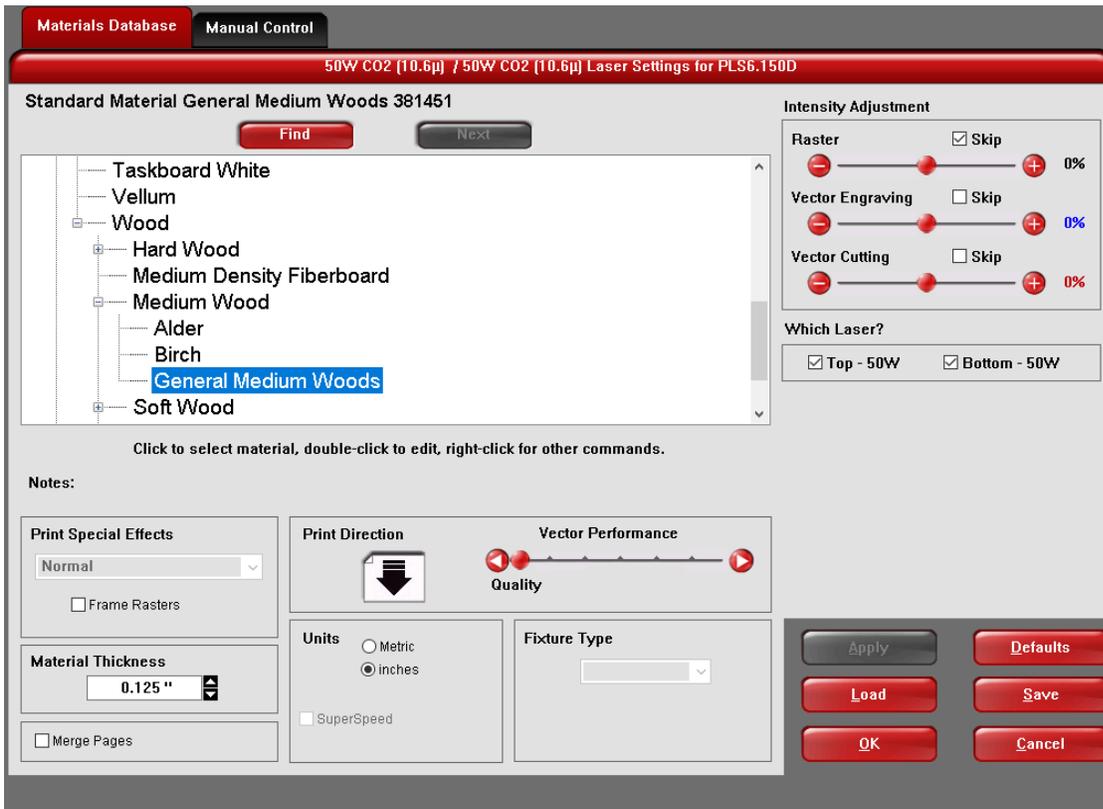
- Printer should be set to PLS6.150D
- Media Size should be set to Defined by Driver
 - *Width must be: 32” / Height must be: 18”
 - *Placement must be in the upper left-hand corner
- Open laser cutter and place material in the upper left-hand corner of the laser cutter bed
- Open Laser Cutter Software
 - *red box icon at the end



- The preview in the laser cutter software should look like your Illustrator file



- Settings in Material Database Tab should look like the following image



***DISREGARD checked Skip box in the image above**

***Caliper the thickness of your material and enter thickness in the box under Material Thickness - Be as accurate as possible! DO NOT LIE - this is how the laser focuses and cuts**

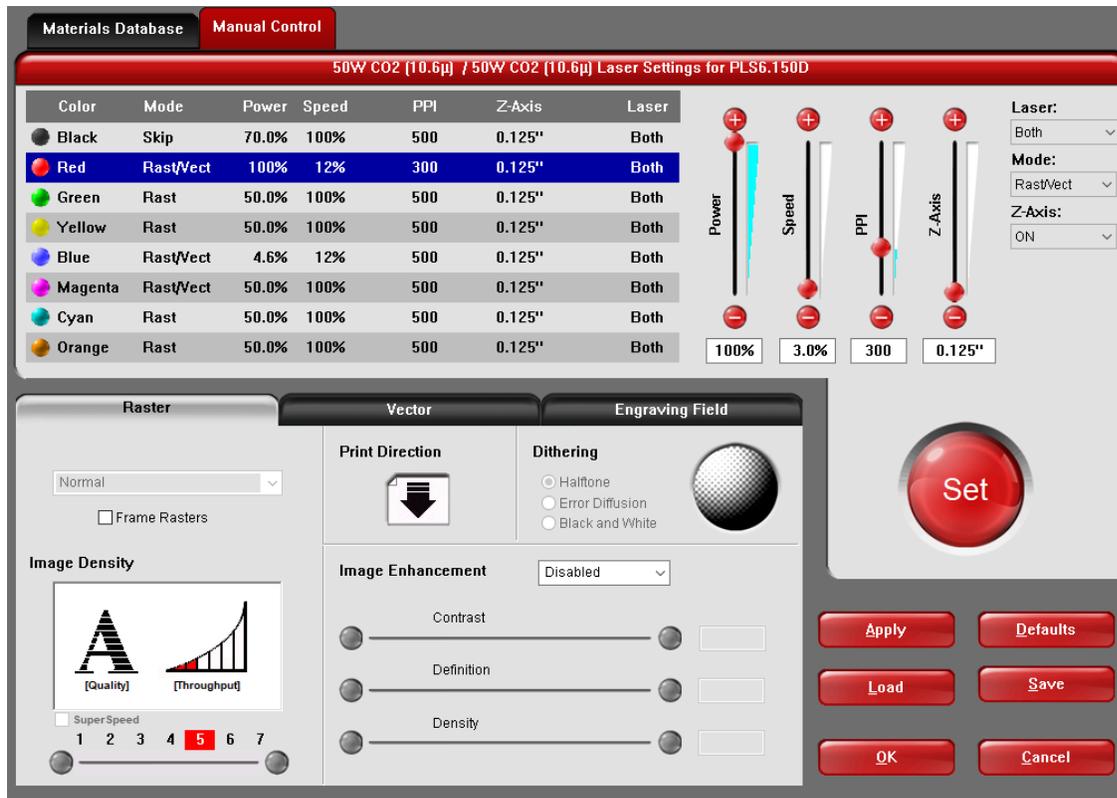
***Move red dot of Vector Performance to Quality**

***CLICK APPLY once you're done entering settings**

- **NEXT CLICK ON MANUAL CONTROL TAB**

***Setting should look like the following**

***To ensure that wood is cut all the way through CLICK ON Red
Power should be 100%, Speed should be 3%, PPL should be 300, and
Z-Axis should be ON with material thickness shown in box**



- **CLICK SET, APPLY, and OKAY**

- **The window should close and the PLAY button should be GREEN**

- **CLICK green PLAY button to start the laser cutter**

****BE SURE TO PLACE MOUSE ON MOUSE JIGGLER SO THAT THE
COMPUTER DOES NOT FALL ASLEEP DURING YOUR CUT**