

# Scroll Saw Nameplate Pattern Directions

- 1) Use Microsoft Word to Type out your name.
- 2a) Use a font that has thick lines and no letters go below the line such as Arial Black, Cooper Black, Eras Bold, Franklin Gothic Heavy, Gil Sans Ultra Bold, Impact, etc. **It must have thick letters.**
- 2b) Type in all **capital** letters and use a font size of at 120 pts or larger. Lower case letters can be used if done correctly. No part of the letter can go below the line.
- 3) Make sure to turn the paper to landscape and make the margins .25" in the Page setup section. Print out the name.
- 4) Place a line under the letters with a sharpie and a ruler. All of the letters must touch this line. See below.

**MR PAGE**



- 5) Measure 1/4" below the line drawn in step 4 and draw a parallel line.

**MR PAGE**

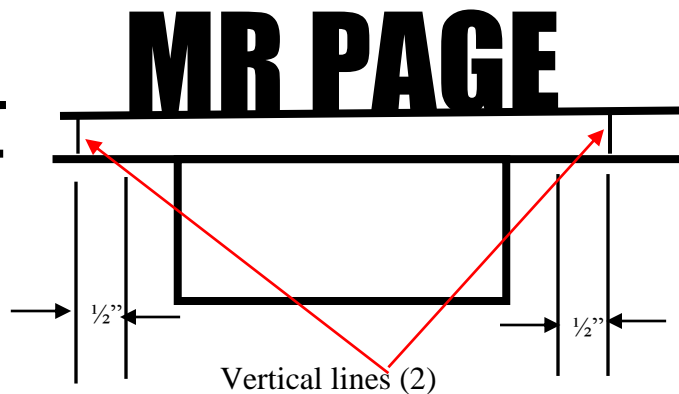
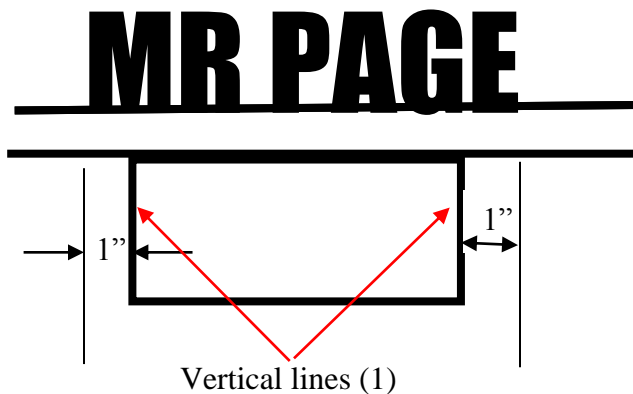


6. Measure 3/4" below the line drawn in step 5 and draw a parallel line.

**MR PAGE**



- 7) (1) Measure 1" inward from the beginning and end of the name and draw vertical lines. (2) Measure outward from the beginning and end of name 1/2" and draw vertical lines.



- 8) Check with Mr. Page \_\_\_\_\_

9. Using a scissors cut along the line drawn in step 6 on the pattern directions with a scissors. Make a straight cut.
10. Use spray glue to glue the paper to the piece of wood. **Remember to put down cardboard & newspaper and not get it on the table (cover the entire table with newspaper). Also remember to turn the can of spray glue upside down and spray until the glue stops coming out.**
11. Drill all holes for inside cuts using a minimum of 5/32" (bigger is ok) drill bit on the drill press or hand drill.
12. Cut out the inside cuts of the letters on the project. Next make the outside cut. Make sure to leave ½" tails on the nameplate. In other words don't end the cut at the end of the letters.



13. Use Mineral Spirits (paint thinner) on a paper towel to wet the paper pattern. Wait a minute and the pattern should pull off. Use mineral spirits to remove any excess stickiness left on the wood.
14. Sand and File cut edges until smooth.

## **BASE**

14. Measure your nameplate including tails and cut the base a total of 1" longer than the total length of the nameplate.
  15. Layout the shape of the nameplate tongue on the top of the base (as demonstrated in class). Make sure to have it centered in all directions.
- Check with Mr. Page\_\_\_\_\_**
16. Use the router and holding jig to cut a mortise in the base.
  17. Use the router table to add a 45 degree taper to the top edges of the base.
  18. Sand down the base and nameplate.
  19. Stamp your name in the bottom of the base.
  20. Glue the tongue into the groove. If the groove is too large shim and glue with small pieces of wood. Wipe off all excess glue with a wet paper towel.
  21. Clean up any excess dried glue and sand those spots. Tape off the areas not to receive wood putty and use wood putty to fill in any space in the tongue and groove assembly. Wait until the next day to sand the excess putty off.

22. Take to the spray booth and paint with spray paint. **Remember many light coats with dry time in between. If you paint continually until it looks good the paint will run.**

23. Submit for grade.