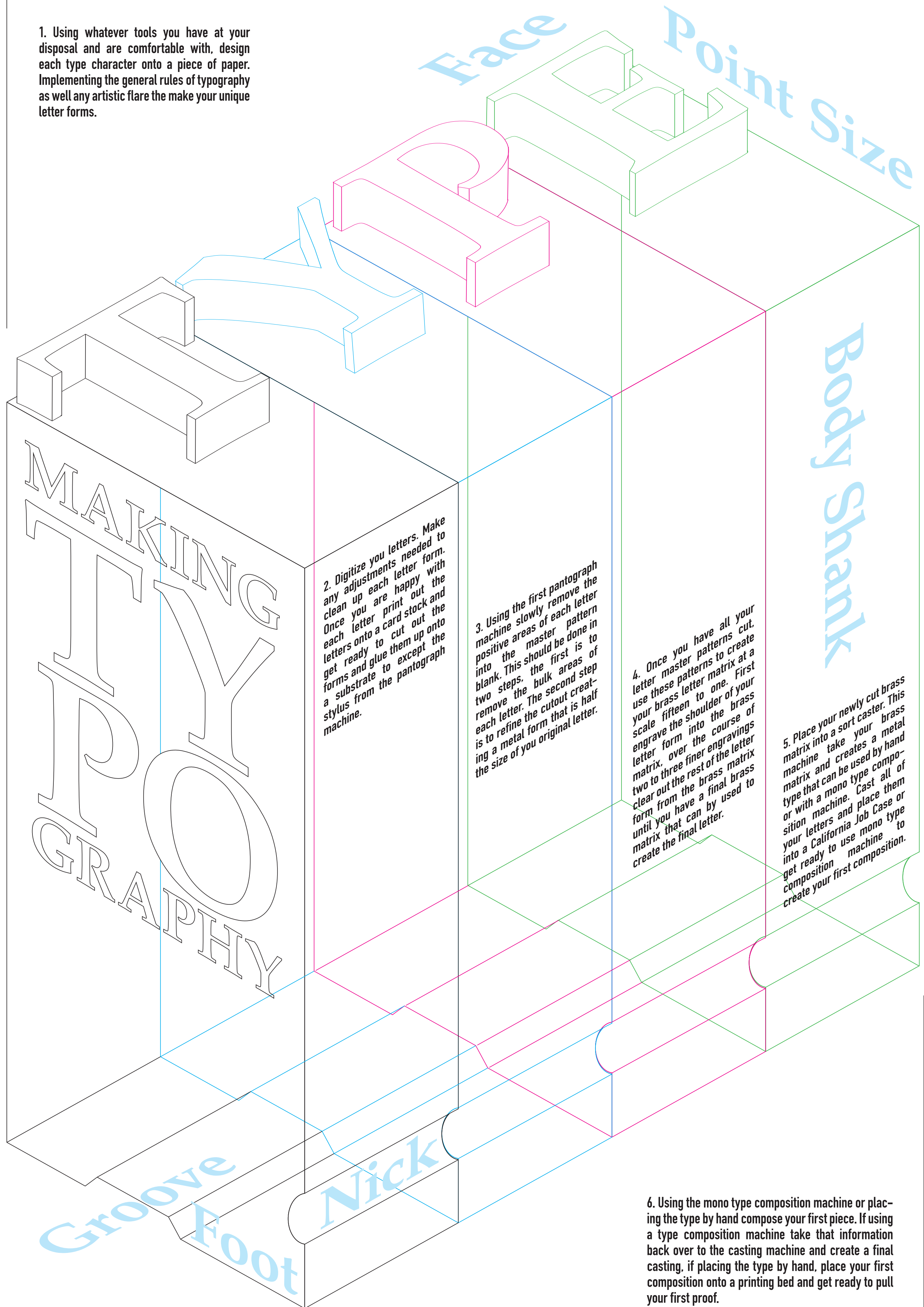


1. Using whatever tools you have at your disposal and are comfortable with, design each type character onto a piece of paper. Implementing the general rules of typography as well as any artistic flare the make your unique letter forms.



2. Digitize your letters. Make any adjustments needed to clean up each letter form. Once you are happy with each letter print out the letters onto a card stock and get ready to cut out the forms and glue them up onto a substrate to except the stylus from the pantograph machine.

3. Using the first pantograph machine slowly remove the positive areas of each letter into the master pattern blank. This should be done in two steps, the first is to remove the bulk areas of each letter. The second step is to refine the cutout creating a metal form that is half the size of your original letter.

4. Once you have all your letter master patterns cut, use these patterns to create your brass letter matrix at a scale fifteen to one. First engrave the shoulder of your letter form into the brass matrix, over the course of two to three finer engravings clear out the rest of the letter form from the brass matrix until you have a final brass matrix that can be used to create the final letter.

5. Place your newly cut brass matrix into a sort caster. This machine take your brass matrix and creates a metal type that can be used by hand or with a mono type composition machine. Cast all of your letters and place them into a California Job Case or get ready to use mono type composition machine to create your first composition.

6. Using the mono type composition machine or placing the type by hand compose your first piece. If using a type composition machine take that information back over to the casting machine and create a final casting, if placing the type by hand, place your first composition onto a printing bed and get ready to pull your first proof.