

ENGINEERING DRAFTING

DRAFT A PAD

April 28, 2020

For this exercise, you will be able to apply the knowledge you have already learned earlier this semester related to architectural buildings and framing. Thinking back on our last unit of instruction (drawing up the floor plan of a small one-bedroom house/cabin, then building a scale model of it in the woodshop), you are going to now apply those skills to your own homes. How exciting!

Materials needed:

- A measuring tape
- Grid paper (preferably) or blank paper will work too.
- Straight edge, ruler, or something that would work for a straight line
- Your brain.....wow.....you do have one!

Your Mission:

- Option 1: draw and/or sketch the actual floor plan of your current domicile (a place of residence; abode; house or home). You will need to measure as accurately as possible each living space from inside→out, taking into account the thickness of walls both interior and exterior. (Hint: first do a preliminary sketch of the building/structure and then go measure.) Then using graph paper, try to accurately draw, using a straight edge and pencil, the floor plan. Include as many details as possible, labelling things (i.e. sink, door swings, refrigerator, dish washer, stairs up/down, etc.)
- Option 2: draw and/or sketch your dream domicile
Include the same details as listed above. Most importantly, accuracy and CREATIVITY are critical and will be rewarded handsomely.
- Option 3: draw and/or sketch your pet Dog, Cat, or Chicken dream domicile. As you all know I gravitate to pampering my cats and chickens, providing a wonderful living structure for these animals is important to their happiness, and mine too. Where do you fall regarding your favorite pets? If you live with farm animals and/or have horses, how would you design their perfect living arrangements, stables, etc.? Again, be specific and include as many details as possible.

Finally:

Submit your drawings to me in the form of a picture of your work with your name and signature to my email: dlake@kibesd.org. If more convenient, drop your work off at the HIGH SCHOOL commons area on the assignment pick-up table.

Have fun with this one!

Lake