**3-D Design FINAL PROJECT OVERVIEW**

Day #1: Friday, April 25th: Go through your house plans portfolio and identify the plans that will best help your design your final project. The project must include **AT LEAST:**

Two Levels (basement and main, or main and upstairs)

- First floor must support spans over 12' - Second floor must support roof (12' spans)

THREE Bedrooms

- Cannot open directly off living areas

- Must have outside access (windows)

Two full baths

- baths cannot open directly off a living area, but at least one bath MUST be available for "public" use.

Allow space for all fixtures

Two "living" areas (family, living room, den, study, library, media room, game room, etc.)

A FULL kitchen with dining space

- Counters at least 24" - all appliances. Walking space at least 3 feet.

Laundry/utility space (washer and dryer, HW heater, furnace)

All windows, doors, electrical (wiring diagram on plans.)

**TRACE YOUR GRAPH PAPER ROUGHS TO CREATE YOUR FINALS.**

**Finals for Plans:**

**FOOTING/FOUNDATION Plan (to support walls AND stairs; fireplace if included.)**

**TWO FLOOR (plans)**

**STAIR DETAIL (figure your height and tread - Tread should be at least 9"**

**- halls and stairs at least 3' (wider is better.)**

**- allow room for landings - upper and lower**

**PLAN SET (3) is DUE Tuesday, May 6th (Scored on this day - 90 minute block.)**

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**We will begin building our model houses on Tuesday, May 6th. YOU SHOULD USE YOUR ROUGHS TO CREATE YOUR MODEL. I will provide construction board and glue guns, or help you find cardboard if you prefer. I have a little foam board, but not enough for the class. If you WANT to use foam board, go buy some! The MODEL is due (with the plan set - we will compare the two) on MAY 15th. YOU MUST HAVE YOUR PLANS TO GET POINTS FOR YOUR MODEL!**

**We will spend one day in class reviewing perspective, then you will begin your final ELEVATION. THE ENTIRE PROJECT (ALL THREE SECTIONS) is due on TUESDAY, May 20th (final day for seniors.) YOU MUST HAVE PLAN SET and MODEL to get points for ELEVATION.**