ARCH211 Digital Drawing

Assignment 1.3: Quick Draw

SOFTWARE: Rhinoceros 4.0

Drawing, whether by pencil or pixel, is not a passive activity. Drawing is a means of thinking, a way of figuring out. This assignment will ask you to figure (out) your case study house through a series of conventional orthographic projections; moving beyond simply looking at your case study through the quick scan, the quick draw requires that you analyze with a sense of measure and scale. As such, rather than tracing your scanned images you are required to construct measured plans, sections, and elevations. Through this act of construction you should seek to investigate the tectonic, compositional, and programmatic logics of your case study house.

Note: It is essential to carefully edit information in this assignment. Your drawings should fully represent major structural, and space defining elements (ie walls, floors, openings, etc), but might not incorporate smaller scale details at this time (ie door swings, finish carpentry, etc).

Requirements:
Relevant Plan(s) (1 per floor)
Sections (at least one across the longitudinal and transverse axis)
Elevations (North, South, East, West)

PROCESS:
Import Scanned Images of scaled drawings of Your Case Study House
Scale an element in the image to a known dimension
Construct accurate, measured (use your judgement in the absense of a known dimension) orthographic projections of your Case Study House.
Create a layout in rhino with scaled drawings and appropriate line weights

SUBMISSION REQUIREMENTS
1. your drawings: 1_3_uniquename.pdf

GRADING:
Grading will be based on creating legible and accurate drawings: correct use of osnaps; consistent thicknesses and openings; correct alignments and intersections; appropriate line weights, type, color; known architectural scale; annotation.