

Course Number and Title: **ARCH 155 / Basic Architectural Drawing**

Instructor: Paul Schultz 215-531-2861

Course Website: [www.thedraftedline.com/teaching](http://www.thedraftedline.com/teaching)

### ASSIGNMENT 9: RE-DRAFT OF MAIN BUILDING PLAN AND SECTION/ELEVATION

**Assignment Objectives:** For the final assignment for Arch 155 you will redraft your 2-D Main Building plan and section/elevation drawing. This final draft will give you more practice with drafting plans section/elevations and their line weights and types.

**Using your drafted plans and section/elevation draft a final set of 1/8" scale drawings composed on one sheet of vellum.**

1. Make sure you have **ALL** of the survey information represented in your drawings. (Some of you had incomplete drawings. See emails with survey information attached.) The plan is to be drawn up to the centerline of the Main Building's main open space. The section cut is to include the archway and all of the floors above of the building entrance. The section is also to include the basic line-work of the elevated walls beyond. (Don't show brick patterns. That is too much detail for this 1/8" scale drawing)
2. Plan your final layout. Consider the orientation of the paper. (vertical / portrait or horizontal / landscape) You may choose to line up the section with the plan or you may want to orient the plan with north at the top.  
**Please Note: This drawing will be joined with the 2-pt perspective of the Main Building of Assignment 8. Your final composition of all three drawings should relate in size and line quality.**
3. Using your drafted plan and section/elevation as a reference, redraft the drawings on vellum. Start by drafting construction lines, major and minor axis with fine/light lines.
4. Fill in the construction-line framework with final line weights:
  - a. Distinguish Primary lines: object profiles, foreground elements
  - b. Distinguish Secondary lines: changes in plane, secondary elements, middle-ground elements
  - c. Distinguish Tertiary lines: fine details, closely-spaced lines, background elements
5. Using the Architectural "font" you developed in class, label the overall composition. (i.e. Drexel Main Building Entry Study) Label each drawing with a drawing title and scale. Include a drafted north arrow on the floor plan. Also label the location of the section cut in the plan. **(NOTE: GRADE REDUCTION IF DRAWING SCALE AND NORTH ARROW ARE NOT INCLUDED.)**

This drawing should be drafted with your leadholder using your drafting board and tools. Complete this drawing on a sheet of vellum from your kit. Do not submit final on trace paper.

**Assignment progress due (75% complete drawing): 12.01.09 / 12.03.09**

**Assignment due (100%, combined with 2-pt perspective): 12.08.09 / 12.10.09**

**Last Class By appointment: 12.08.09 / 12.10.09 / Have sketchbook and all assignments (1-10) available on this date for final grading.**