

Architecture Studio: 1st Year Spring

Spring 2012, CMU, Arch #48-105, M/W/F 1:30-4:20
Class Website: www.andrew.cmu.edu/course/48-105

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Off. Hr: M/W/F 12:30-1:00pm & by appt. in MM302

(2/17/12)

Project 2e: BUILDING ANALYSIS

Assignment 2e (for Monday Feb. 20, 1:30)

Having identified and analyzed the (most?) significant “architectural element” in your building, carefully compose three 18"x24" sheets that work together to communicate your analysis, as outlined below. Make your ideas graphically explicit and clear: avoid all words, except a small ID (architect, building name, date, your name) in the lower right of each sheet.

Sheet 1) Plotted on bond paper. Arrange in grid-format a carefully selected sequence of analytical diagrams that explain and reveal the architectural essence of your building. Culminate with a focus on your architectural element. The set of images should form a carefully scripted message from top-left to bottom right that demonstrates an analysis process. Work from overview to detail, from more “found” images of the real building (photos and drawings), to ever more abstract diagrammatic images that accentuate ideas, rather than the “real” building. You should have a good balance of hand-drawn, computer-drawn, and hybrid work. Avoid repetitive images, or images that are not distinct enough. Consider redrawing earlier work to a uniform standard. Be sure your page is dense with information and reveals a week of intense research, yet remains clear and readable.

Sheet 2) Hand-drafted, pencil on vellum. Construct a 3D paraline drawing that builds on the analysis in the first sheet, and describes the specific parameters and real relationships of your architectural element to the larger context of surrounding space, building, and site. Draw at a scale where the element details are understood within their context. Include geometric and other revealing analytical information through subsidiary lines. Consider “exploding” your drawing to reveal how pieces inter-connect and assemble. Draw several drafts before beginning the final. Consider carefully the view angle and how the drawing sits on the page.

Sheet 3) Any medium, on any paper. This is to be a beautiful, thoughtfully composed, carefully crafted, poetic, and wonderfully expressive drawing of the essence of your architectural element and how it links to the larger building context. It should be based on the specifics discovered and described in the second sheet, but should expand and explore how your element and its associated geometries, materials, and other qualities are experienced, either statically or over time. Reveal latent ideas and feelings. Go beyond the fact of the real building: speculate, (re-)interpret, accentuate, abstract. Hint at how the system and idea could grow, become, or create. This should be a multi-layered drawing, that can be a creative combination of ideas about plan, section, elevation, detail and 3D experience, but does NOT contain evidence of the “real building” or the “found” drawings and photos that started this process. Compose carefully how the drawing sits on the page.

Submit all three sheets with filename **Lastname_analysisset.pdf**, to the server at:
[\\archpcserver\Studios\S12_48-105\05 Analysis Many Diagrams](http://\archpcserver\Studios\S12_48-105\05 Analysis Many Diagrams)

