

Architecture Studio: 1st Year Spring

Spring 2013, CMU, Arch #48-105, M/W/F 1:30-4:20
Class Website: www.andrew.cmu.edu/course/48-105

Coordinator: Kai Gutschow

Email: gutschow@andrew.cmu.edu

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

(2/22/13)

Project 2: BUILDING ANALYSIS

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

By now you have: 1) researched the “architectural facts” of your building; 2) analyzed your building with respect to several different parameters, at several different scales, and in a variety of media and representational modes; 3) identified an area of focus, especially a moment connected to the transition from inside to outside, and related to the “wall section” (especially important for large buildings).

This weekend you are to carefully compose three 17"x22" sheets that work together to communicate your overall 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. Begin with the larger context and site, and zoom in ever more. 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 analytical process. Work from overview to detail, from more “factual” images about the real building (including a few 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 or constructed perspective ANALYTICAL DRAWING that builds on the analysis in the first sheet, and focuses on a particular moment of transition from outside to inside. Although you are free to choose any drawing type, or a hybrid of drawing types, we recommend you explore sectional perspectives, exploded axon, or other drawings that carefully show both outside and inside experiences. Focus on the physical architectural elements, but see if you can render “atmosphere” with lines. Attempt to include both the context and details, revealing how the building fits into the landscape, and how pieces of construction inter-connect and assemble. Include geometric and other revealing analytical information through subsidiary lines. Consider carefully the view angle and how the drawing sits on the page: consider inventing a new drawing type to show all the different info you want to communicate. Draw several drafts before beginning the final. Make sure it is an ANALYSIS drawing!

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 building. It should be based on the specifics discovered and described in the second sheet, but should expand and explore how your element creates experiences and other qualities, either statically or over time. Reveal latent ideas, moods, and feelings; make it personal. Go beyond the fact of the real building: speculate, (re-) interpret, accentuate, abstract. This should be a multi-layered drawing, that can be a creative combination of ideas about plan, section, elevation, detail and 3D experience, and does NOT contain much evidence of the “real building” or the “found” drawings and photos that started this process. Design the layout and drawing; sketch out the ideas; do several drafts; compose carefully how the drawing sits on the page.

Submit all three sheets with filename **Lastname_analysisset.pdf**, to the server at:
[\\archpcserver\Studios\S13_48-105\05 Analysis Three 11x22 Drawings](http://\archpcserver\Studios\S13_48-105\05 Analysis Three 11x22 Drawings)

