

# Architecture Studio: 2<sup>nd</sup> Year, F'11

Fall 2010, CMU, Arch #48-200, M/W/F 1:30-4:20

Class Website: [www.andrew.cmu.edu/course/48-200](http://www.andrew.cmu.edu/course/48-200)

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

(12/1/11)

## Project 4: PUBLIC LIBRARY

### FIGURE-GROUND DIAGRAM (Due Thu. Dec. 1, 8:00pm)

Create a diagram for the PLAN of your library, and a diagram for the SECTION of your library using only black and white in a figure-ground relationship.

- Be sure these two diagrams express (in abstracted form) the main spatial intent of your library in section and plan.
- The diagrams should be more than logos or silhouettes, they should help reviewers understand what the more complex drawings and models also do
- Think about the expanded notions of diagram introduced in the lecture as well as in the diagram readings in Blackboard.
- Create a diagram that is both analytical and generative, that can explain your design, but also help clarify the design process in front of you this week.
- Do not just miniaturize your plan or section.
- Instead, create a new diagram from scratch that explores the primary spatial idea in plan, and the primary spatial experience in section.
- Diagrams must be to scale, so they reflect the actual shapes of your spaces
- Avoid linework and merely solid shapes
- Be bold, be radically abstract, create distinct hierarchy. It should read clearly even as a tiny diagram (“half the size of a postage stamp”)
- Recall the Noll plan from 48-100; and the knot-cave inversion from 48-105
- Be sure your plan acknowledges the infill nature of the site (it should be bounded by a black bar on both sides, so that your site begins as a void between two solids).
- What solids do you add to the site?
- Be sure your ground appears as a solid; your building is planted into a ground
- Think carefully about the nature of the café in your scheme: solid or void?
- How do your plan and section relate, formally, as a single idea?

So that the diagrams can be compared, please adhere to the following:

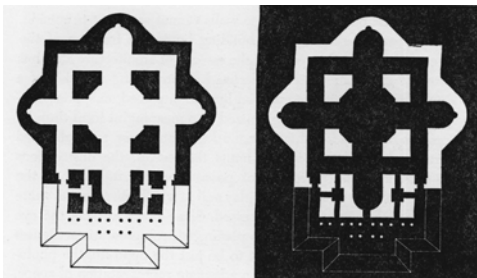
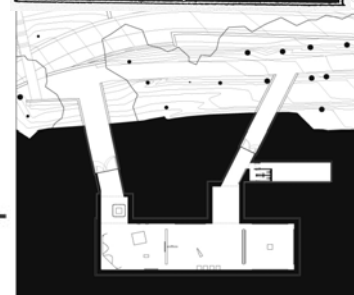
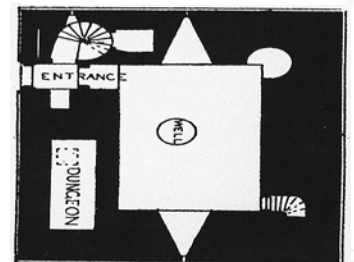
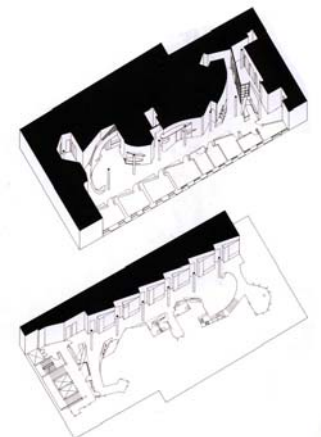
- Orient your plan diagram horizontally, so that Butler St. is on the right.
- Make each diagram no larger than 3" wide.
- Place both diagrams side-by-side on a portrait-oriented, letter-size page
- Filename: lastname\_libdiagram.pdf - use last name, NOT andrewID!
- Submit as a PDF file to the archpcserver, in folder #24

### RECORD & UPLOAD YOUR WORK (ongoing)

Record your process work, scan sketches and photograph study models.

Upload your work to the archpcserver and Flickr site to share as follows:

- All students should curate an individual “Set” for Proj.4 Library on Flickr to document ALL your own process and design work on the library so far, and through the end of the project, including any contributions to group work such as the interviews of clients, the analysis...



Koolhaas, Seattle Public Library