

Architecture Studio: 2nd Year

Fall 2010, CMU, Arch #48-200, M/W/F 1:30-4:20
Class Website: www.andrew.cmu.edu/course/48-200

Coordinator: Kai Gutschow
Email: gutschow@andrew.cmu.edu
Off. Hr: M/W 12:30-1:30pm & by appt. in MM302

(10/6/10)

BUILDING ANALYSIS – LIBRARIES, Pt.2

MINDSET Having collected basic architectural information on a large array of libraries for the studio, we will focus the rest of the semester on a few of the more well-known libraries, so that we can engage in more in-depth research and understanding of these buildings. The goal is to understand the “species” of all libraries, as well as the particularities of an “individual” example. We will investigate both on the level of making an effective library, and what makes a memorable building and experience that tackles fundamental issues of architecture and composition. This is a research project related to design.

WORK PROCESS:

For Mon. Oct. 11, 1:30

1) Pick a library you will study for the rest of the semester: either the one you have been assigned already, OR one of the following libraries from the original list, and already studied by one of your peers:

- | | |
|--|--------------------------------------|
| 1. Mt. Angel Library - Aalto; | 7. Zurich Law Library - Calatrava |
| 2. FU Philology Library - Foster; | 8. Ballard Branch Library - BCJ |
| 3. History Library Cambridge - Stirling; | 9. Utrecht Univ, Library - Arets |
| 4. Delft University Library - Mecanoo; | 10. Idea Store - Adjaye |
| 5. Peckham Library - Alsop | 11. Beinicke Rare Book Library - SOM |
| 6. Munster City Library - Bolles-Wilson | 12. San Antoni Oliver Library - RCR |

Be sure that no more than one person is doing the same library within each studio group, and no more than 5 overall in the whole class

2) Find all the other people studying the same library, contact the person who first researched the library (see original chart), and work to gather all possible resources on the library, especially plans and sections, but also diagrams, sketches, construction details, views of models (analog & digital), photos, articles, books, theory essays, etc. Investigate other work by the firm, as well as the city context in which it was built.

3) Using digital tools, increase the size of primary plans and sections you find in the course of your research so that each plan and section is on a separate 11x17 sheet. Be sure to include a graphic scale and north arrow.

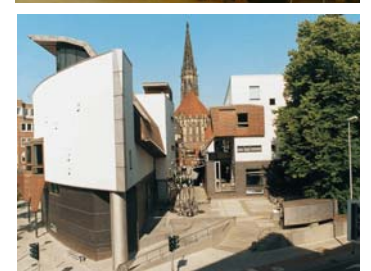
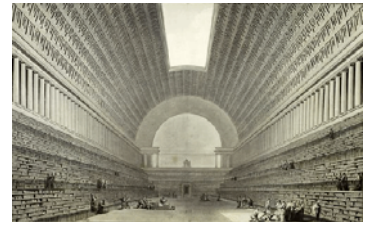
4) Based on your group discussion about the project, as well as individual research and understanding of your chosen library, each student should select what they consider to be the most important, interesting, or typical floor plan, and the most important or interesting building section that ought to be drawn to communicate the main architectural ideas of the building.

5) After discussing with your instructor and coordinator, please place a pdf of the “most important” plan and section on the server for coordinator review.

For Monday Oct. 18, 1:30

6) Hand draft onto vellum at 1/4" scale the most important floor plan, and onto another sheet the most interesting section. Use the best drafting standards of 48-100: line weight counts. If your building is too big to fit on a whole page (24"x36" max), then choose the most significant piece of the plan/section that communicates the “big idea” of your library.

Much as you did with your Le Corbusier building in 48-100, you should do more than trace the simplified plan in the magazines: create an accurate and detailed plan and section. They must be at 1/4" scale. Add a 1" diameter north arrow, graphic scale, and NO lettering. See Ching's Arch'I Graphics for details (or ask a 1st year). Be sure the drawings you produce reinforce your understanding of the main spatial organization of your library.



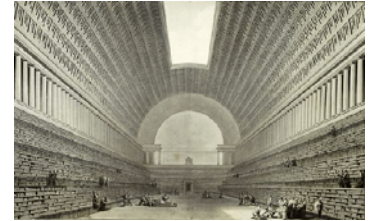
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BUILDING ANALYSIS – LIBRARIES



Please fill out this form regarding the library you have chosen to study this semester:

YOUR NAME: _____

LIBRARY NAME: _____ DATE: _____

LOCATION: _____ ARCHITECT: _____

VISION / CONCEPT / SIGNIFICANCE OF LIBRARY: _____

Sketch the most important **PLAN** of your library, and in a heavy dotted line, outline the part that you plan to draft onto a 24"x36" paper at 1/4"=1'-0"

Sketch the most important **SECTION** of your library, and in a heavy dotted line, outline the part that you plan to draft onto a 24"x36" paper at 1/4"=1'-0"