Architecture Studio: Foundation II / 1ˢᵗ Year Spring
Spring 2015, CMU, Arch #48-105, M/W/F 1:30-4:20
Studio Website: www.andrew.cmu.edu/course/48-105

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Off. Hr: by appt. in MM302

(3/2/15)

Project 2: LIBRARY ANALYSIS

MINDSET: The single most important source, and tool, for learning about architecture, is architecture. Building on your studies of iconic houses in 48-121 "Analog Media," as well as our field trips, we will now analyze LIBRARIES with the goal of applying lessons in Proj.3, an addition that transforms Hunt Library. Through research and personal investigation of libraries we seek to expose underlying orders, systems, compositions, constructions, and constraints, and how these relate to the experiences we have. By communicating these through abstract, analytical, and interpretative diagrams, we get at the architectural intent, concept, and principles used by the architect, and understand how architecture can express ideas, manipulate function, and create experiences at many levels. You should work to understand the library, and especially the "academic library" as a "building type" with certain common denominators and underlying assumptions (that can at times be challenged). We will also study Hunt Library as a "site" for Proj.3, with specific dimensions, solar orientations, histories, contexts, user groups, and associations. *This is an architecture project*.

Assignment #1: Poster (Due. Wed. Mar. 4, 1:30pm):

   1) READ excerpts from Pevsner's The History of Building Types (1976), and the intro and conclusion of Webb, Building Libraries for the 21ˢᵗ Century (2004) to begin to understand the "building type," and questions about the future of libraries.

   2) LIBRARIES ASSIGNED: Each student has been pre-assigned an important modern library on which to do focused research. *If you are unable to find enough sources on your library, contact the coordinator immediately to switch libraries.*

   3) RESEARCH: Gather as much documentary evidence about your building as possible, especially any other analysis work that has been done on your library. Most valuable are detailed plans & building sections, design process sketches, structural diagrams and drawings, and other drawings that reveal space & structure. If necessary, get help from Martin Aurand. All students must:
  - Check the 48-105 Library research guide: http://guides.library.cmu.edu/48-105
  - Follow instructions at http://guides.library.cmu.edu/buildings_architects
  - Access Avery Index for recent professional architecture journal articles
  - Use Interlibrary Loan to order all articles not found at CMU (incl. non-English)
  - Look for books / monographs on your architect, city, or libraries
  - Do web searches for images, plans, text, etc. Search by name of library, architect, city, etc. Don't forget to look for non-English sources: try the word *bibliothèque* (French); *Bibliothek* (German); *biblioteca* (Spanish/Italian), etc. ("Librarie" or "Libreria" often means book shop). Don't forget the firm's website for general philosophy or approach, as well as a bibliography of news and sources.
 - Try emailing or calling the firm, or the library, for extra documents!!

   4) POSTER: Compose a landscape-oriented 11x17 color poster that documents your library through photos, drawings, plans, sections, sketches and diagrams by others. Carefully compose ALL the necessary views and drawings on one page (provide LOTS of information). Also provide basic ID info (your name, library name, place, architect, dates, etc.), and a bibliography of 2-4 best sources of info where you gathered material (website, journals, or books).

   5) VISIT: Visit as many libraries as you can, this week, and over spring break. Visit (at least) two local Pittsburgh libraries (see attached list, divide them up by studio, a close one, and a far one), as well as all three CMU libraries. Take graphic/visual notes on the specifics of each library, how they work, how they are set up, how they use light and technology, how they accommodate people and store data. Think about what they all have in common.
Bring hardcopy & upload pdf file of both pages to the archpcserver, in the folder:
     \\archpcserver\Studios\S15_48-105\07 Proj.2 Library Poster
Please be sure to use the file name: 48105_S15_lastname_Proj.2_Library_Poster
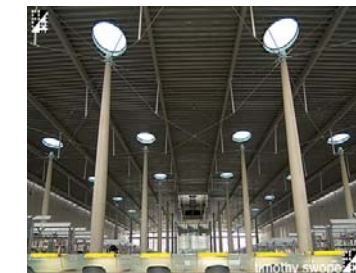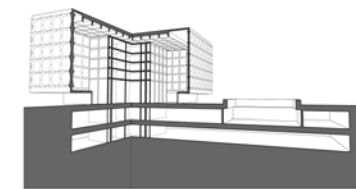
#	BUILDING NAME	PLACE	ARCHITECT	DATE	TYPE	STUDENT LAST	NOTES
1	Folkwang Univ. of Arts Library	Essen, Germany	Max Dudler	2012	Univ	ANAND	A
2	History Faculty Library, Cambridge	Cambridge, England	James Stirling	1964	Univ	AULD	A
3	Iwaki Picture Book Library/Museum	Fukushima, Japan	Tadao Ando	2005	Other	CHAIYAPATRANUN	A
4	Palo Verde Library & Maryville Comm.Ctr	Phoenix, AZ, USA	Wendell Burnette	2006	Branch	CHO	A
5	Rapson Hall Addition, Univ Minesota	Minneapolis, MN	Holl & VJAA	2002	Univ	CIZMECI	A
6	Musashino Art Univ. Museum & Library	Tokyo, Japan	Sou Fujimoto	2010	Univ	DONNELLY	A
7	Northgate Library & Community Center	Seattle, WA, USA	Miller Hull	2006	Branch	FOGEL	A
8	Biblioteca Pallafols/Miralles	Barcelona, Spain	Enric Miralles	1998-2007	Branch	GUTURU	A
9	Vasconcelos Library	Mexico City	Alberto Kalach	2006	Branch	JO	A
10	Eberswalde Tech. School Library	Eberswalde, Germany	Herzog & DeMeuron	1998	Univ	KIM	A
11	Mt. Angel Library	Oregon, USA	Alvar Aalto	1970	Univ	LAGVANKAR	A
12	Starr East Asian Library, Berkeley	Berkeley, CA, USA	Tsien/Williams	2008	Univ	LEE	A
13	Vennesla Library & Culture House	Vennesla, Norway	Helen & Hard	2011	Branch	LEE-PARK	A
14	Univ. Versailles Science Library	Versailles, France	Badia & Berger	2012	Univ	LI, K	A
15	Phillips Exeter School Library	Exeter, NH, USA	Louis Kahn	1966-72	Univ	LIANG	A
16	Seattle Public Main Library	Seattle, WA, USA	Koolhaas/OMA	1999-2004	Main	LIU	A
17	Hunt Library, NCSU	Raleigh, NC	Snohetta	2013	Univ	MAHLER	A
18	Seikei University Information Library	Tokyo, Japan	Shigeru Ban	2007	Univ	MARTINEZ	A
19	Lewis Science Library	Princeton, NJ	Gehry & Brard	2004	Univ	MELILLO	A
20	Julian Street Library, Princeton	Princeton, NJ	Joel Sanders	2012	Univ	RADICAN	A
21	Idea Store	Whitechapel, London, UK	David Adjaye	2005	Branch	SHIM	A
22	Biblioteca San Antoni-Joan Oliver	Barcelona	RCR	2008	Branch	THOTA	A
23	Munster City Library	Munster, Germany	Bolles-Wilson	1993	Main	YAN	A
24	University Library Deusto	Bilbao, Spain	Rafael Moneo	2008	Univ	YANG	A
25	Orkanen Library & School of Education	Malmo, Sweden	Diener & Diener	2005	Univ	BAKER	B
26	Utrecht University Library	Utrecht, Netherlands	Wiel Arets	1997-2004	Univ	BELL	B
27	Peckham Library	London, Peckham Sq, UK	Will Alsop	1999	Branch	BIRENBAUM	B
28	Biblioteca Sandro Penna	Perugia, Italy	Italo Rota	2004	Branch	CHEN	B
29	Open Air Library	Magdeburg, Germany	KARO	2009	Branch	DARREFF	B
30	Aveiro University Library	Aveiro, Portugal	Alvaro Siza	1994-2000	Univ	FORD	B
31	City Library in Seinäjoki Addition	Seinajoki, Finland	JKMM / Aalto	2012	Branch	FRANCE	B
32	Tama Art University Library	Tokyo, Japan	Toyo Ito	2007	Univ	FRIEDMAN	B
33	Library Delft Univ. of Technology	Delft, Netherlands	Mecanoo	1997	Univ	GAO	B
34	Grimm Center, Humboldt Univ. Library	Berlin, Germany	Max Dudler	2009	Univ	HAIDER	B
35	Cottbus University Library – IKMZ	Cottbus, Germany	Herzog & DeMeuron	1998-2004	Univ	ISLAM-HASHMI	B
36	Library & Learning Ctr, Univ. of Economics	Vienna, Austria	Zaha Hadid	2013	Univ	JU	B
37	Braunschweig University Arts Library	Braunschweig, Germany	Ricardo Legoretta	2002	Univ	KANODIA	B
38	Book Mountain	Spijkenisse, Netherlands	MVRDV	2009-12	Branch	KHALIFA	B
39	Stuttgart City Library	Stuttgart, Germany	Yi Architects	2011	Main	KOR	B
40	Mansueto Library, Univ. Chicago	Chicago, IL, USA	Murphy/Jahn	2011	Univ	LEVY	B
41	Black Diamond National Library	Copenhagen, Denmark	Schmidt, Hammer, Lassen	1999	National	LI, J	B
42	FU Philology Library	Berlin, Germany	Norman Foster	1998-2005	Univ	LIM	B
43	Sendai Mediatheque	Tokyo, Japan	Toyp Ito	1995-2001	Other	MARTINS	B
44	Phoenix Public Library Main	Phoenix, AZ, USA	Will Bruder	1989	Main	SOHN	B
45	Beinecke Rare Book Library	New Haven, CT, USA	S.O.M.	1963	Univ	SRIDHAR	B
46	University of Aberdeen Library	Aberdeen, Scotland	Schmidt, Hammer, Lassen	2012	Univ	WANG, D	B
47	Raheen Library, Australian Catholic Univ	Melbourne, Australia	Woods Bagot	2013	Univ	WANG, V	B
48	Viipuri Library	Viipuri/Vyborg, Russia	Alvar Aalto	1927-35	Branch	ZHENG	B
49	RWI Law Library	Zurich, Switzerland	Santiago Calatrava	2004	Univ	ZHU	B