

Studio Damiani
CMU, Arch #48-205
Spring 2007, M/W/F 1:30-4:20 Office Hours: By appointment

Instructor: G. Damiani

Building Study: This graphic and modeling assignment will focus on two important issues pertaining to the making of architecture. The first is to understand how designers use structure/ materials to inform space or, at times, use space to inform structure. The second aspect of this assignment is to study how details can be used to create a thematic whole to the building of which they are apart.

Part Two:

Construction: Now that we as a studio understand the basic principles of each of the buildings that are part of the building study, determining how to re-represent these ideas is to be explored. While a certain level of abstraction is always necessary in making a drawing or model, an attempt must be made to maintain the essence and accuracy of the building.

Assignment: Explore through no less than 6 freehand studies (no smaller than 12" x 18") followed by a developed three dimensional exploded axonometric (computer or drafted) and chipboard model of any two of the following observations:

1. Structure: Primary and Secondary
2. Structure: Structural System 1 & 2, # etc.
3. Enclosure: Skin/ envelope
4. Components: How the assembly of small parts lead to form and space
5. Material: How primary building materials lead to form and space
6. Material: How the ground or roof plane is manipulated
7. The relationship of circulation to structure
8. Loadbearing to non-loadbearing

Reading: *The Architecture of the Well-Tempered Environment* by Reyner Banham

Chapters:

4. Kit of parts: Heat and Light
5. Environments of Large Buildings
6. The well-tempered home

Calender/ deadlines:

The assigned readings are to be completed by 03.05.07

Part two A (6 freehand studies) of this exercise are to be prepared by 02.23.07

Part two B (draft of the axonometric) of this exercise is to be prepared by 03.02.07

Part two C (draft of the model) of this exercise is to be prepared by 03.23.07



Postsparkasse, designed by Otto Wagner, Vienna, 1906