

Studio Damiani
CMU, Arch #48-205
Spring 2006, 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 03.20.06

Part two (6 freehand studies) of this exercise are to be prepared by 03.24.06

Part two (draft of the axonometric) of this exercise is to be prepared by 03.31.06

Part two (draft of the model) of this exercise is to be prepared by 04.07.06



Maison de Verre, designed by Pierre Chareau, Paris, 1930