

Passive and Daylighting Design

Assignment #2—Site Analysis

Due: October 3rd, 9:00 am

"Who does not know that this city was founded only after taking the divinations, that everything in war and in peace, at home and abroad, was done only after taking the divinations?" Livy



Project Site

In 2011 it seems that students, the profession and the public generally assume that the architect creates form by divine inspiration, and a successful building is the result of genius, rather than hard work. The quotation from Livy reminds us and this course seeks to demonstrate that good projects are the result of a careful reading of the context, and that provocative building forms are shaped by a strong response to these conditions.

This week your job is to prepare an analytical drawing (on one A2 sheet) of the project site. On this drawing you are to identify all relevant information including the physical context (roads and adjacent buildings), the topography, information on climate (solar direction at different times of year, wind direction, etc), pedestrian and vehicle traffic flows, etc etc. In other words anything you think is important.

Deliverables:

1. One A2 site plan, drafted by hand (no computers allowed)
2. At least 6 sketchbook pages of sketch drawings made on site, scanned and transferred to a second A2 sheet

Reading for next week (to be completed by October 3rd)

Chapter 8, "Daylight in Architecture" from Experiencing Architecture by Steen Eiler Rasmussen