

Form•Z: Final Project

Final Project Description

Using Form•Z, construct a detailed 3D model of the building you profiled for the mid-term project. The purpose of this final is to clearly demonstrate your skill level using Form•Z.

Presentation Submission

All information is to be organized into one presentation that is plotted at 24" x 36" and mounted on foamcore. Your presentation should include all pertinent information like architect and building name. Be sure to include **your** name. Label all images and analysis where appropriate.

In addition to the presentation board also submit a CD-ROM with all of your computer models, images, documentation and scans. Submit your final Form•Z models and jpeg images with the same naming convention we have been using all semester with your initials at the beginning of the file name.

YOUR PRESENTATION & CD-ROM WILL NOT BE RETURNED.

Due Date: 6/17/07 – 1:00 PM (My Office N-151)

Submission received after due date and time are late and will be penalized 10% of final grade.

Evaluation

The projects will be evaluating on the following:

- Modeling Skills
- Texture Application
- Rendering Techniques
- Lighting Techniques including utilization of shades & shadows

Requirements

Virtual 3D Model

As a **minimum** the following representational drawings and renderings are required incorporating the skills listed above:

- One Complete Form•Z Model of the building you profiled for the mid-term
- One Axonometric Rendering
- Two Perspective Renderings
- Floor Plans and Elevations – Hidden Line or Rendered
- Site plan or Top View with Shadows
- Two Rendered Sections through the project (Transverse & Longitudinal). These can be included with your project analysis

Research

Include a brief narrative (one to two paragraphs) describing the architectural significance of the project. Provide basic information such as architect, location, date, and architectural style. This narrative is to be written in your own words. Do not plagiarize. *If pleased with your mid-term narrative you may reuse it here.*

Building Analysis (3D)

You are required to produce **three** analytical diagrams of your building, documented with **three-dimensional** drawings in Form•Z. One must be structural analysis that investigates the structural system and enclosure of the building. The other two are of your choice from the list below:

- functional zoning (horizontal and vertical)
- zoning in degrees of privacy
- circulation (horizontal and vertical)
- site conditions and context
- spatial hierarchy and relationships
- geometric proportions
- lighting conditions (natural and artificial) – a section perspective showing lighting would be an excellent way to document this analysis