



ARCH 2430

BUILDING TECHNOLOGY IV

August 2014

Assignment Number: 3 (project selection) [due next class]

Computer Program(s): varies

Student Learning Objectives:

Upon successful completion of this assignment, the student will:

1. Understand their team and develop a good working relationship
2. Develop skills of project analysis
3. Create a framework for project gross

Assessment:

To evaluate the student's achievement of the learning objectives, the professor will do the following:

1. Check that the required drawings or posted
2. Examine that the reference material on the project is available
3. Assess how the team evaluates and selects the project
4. Evaluate that the team choice for development

Project Description:

Individual must bring 2 architectural projects they have developed into class. One of these projects must be student's previous Building Technology III project. The main idea or massing of the project should be available in a form that can be posted on the wall. Additional files and descriptions should be available in the digital file for the teammates to discuss.

Eligible projects for the remaining required example are as follows;

Previous studio projects (Architectural Design II, III, IV, ect.), the studio projects need to be of a large-scale. This is so that the project can be revised to maximize the allowable floor area ratio used in the final project. The project also must have discrete sections of the building so that they can be developed separately.

These projects will be reviewed by your entire team on the second day of class. You'll need to select one of these projects to be the basis of your next Building Technology IV project.

Project evaluation criteria:

- The project is at the design level to create the conditions needed for research
- The project contains discrete parts that can be developed individually by the team
- The project contains collaborative parts that can be developed together by the team
- Revit model is sufficiently developed or the team is ready to invest in more work (optional)
- The quality of the base of your model is sufficient or the team is ready to invest in more work
- Most plans are completed or the team is ready to invest in more work
- The project is large enough roughly into 1/3 the maximum buildable area
- The project has a diverse façades that can be developed
- The project is sensitive to its context and can be adapted to work in the site
- The project can be connected and integrated into adjacent new projects