



WK1/DAY .02

ARCH 2330 BUILDING TECH III

AGENDA: Project & Site Selection

Today's Class: *Analyze structure, mechanical systems, circulation, code compliance, façade, construction materials & detailing. Site inventory & Analysis. Begin AutoCAD*

Preliminary project selection & presentations of existing drawings. Discussions of how to best analyze projects and lessons on analyzing structure, mechanical systems, etc. Understanding the process of design development and construction documents and detailing. Teams begin process of detailed project and site analysis for presentation during next class. Teams to discuss critical path of teamwork.

Agenda & Attendance

Lesson / Discussion

- What criteria shall we use to review the projects?
- What criteria affects the build-ability of the project?

Activity 1 (Team Project Pinup & Discussions)

- Pinup existing project drawings with analysis at start of class
- Begin building analysis: Identify issues and possible solutions to evaluate

Lesson / Discussion

- Strategies for evaluating site, structure, mechanical, circulation & egress, core development, space analysis & program, façade, materials, other factors?
- The 5 phases of Architecture – with a focus on Design Development & Construction Documents.

Activity 2 (Team Project Work)

- Teams to begin detailed project analysis and develop graded presentation for next class
- Teams meeting and discussion of critical path and division of work.
- Desk Critiques as time allows.

Assignment Review

- (#4) Post weekly progress photographs of a local construction project in downtown Brooklyn
- (#5) Project Selection Analysis posted on website prior to next class meeting
- (#6) Division of Team assignments and responsibilities – posted on team website
- (#7) Site Visit and Start of Site Documentation. (Photos, Sketches, Site Drawings)
- (#8) Detailed Project Analysis
- (#9) Critical path and division of work assignments

Wrap-Up and Deadlines

- Post Assignments #4, #5, #6 prior to next class
- Due for next class – Team Presentation of Site and Project Analysis & Critical Path (#7, #8 & #9)
- Begin drawing project in AutoCAD as means of study & analysis for presentation
- Completed presentations must be posted on team website the night before next class.

WARNING!

You will only be able to present what the team posted by 10 pm the night before.