



Introduction & Attendance

- Agenda Overview
- Attendance

Activity 1

- Student Presentation of Longs Span Structures:
- Presentation was a general overview and not building specific.

Activity 2

- Review of existing set of drawings of Cornell Biotech Facility. Worked with students to decipher logic of building layout including structural grid naming and spacing (based on lab module). Use of absolute coordinate system for locating columns and 9 possible "hold" point locations for concrete columns.
- Also discussed logic of grids for Hudson River Park Project
- Related discussion to our building

Activity 3

- Continuation of project from last class
 - Reviewed foundations and footings
 - Created Slabs on Grade
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- Next Semester Notes:
 - Move creation of Concrete Beams and First Floor Slabs to this lesson
 - Make next week focused solely on Steel Structure

Wrap-Up - Assignments and Deadlines

- Current Assignment(s) & Due Dates –
 - Complete Structural Beams and Level 1 slabs as per tutorial
 - Individual Case Studies Due Day 16 (Wednesday April 3)
 - Case study to include an Atrium and a GYM requiring long span structures. Can be the same or two separate buildings.
 - Include location, date of construction, architect, engineer, client.
 - Identify Structural Systems, Mechanical Systems, Lighting & materials.