



WK2/DAY .04

ARCH 2330 BUILDING TECH III

AGENDA: Zoning and Building Code Introduction

Today's Class: *Oasisnyc.net, City planning Department, NYC Building Department, NYC Zoning Text, Use Groups, Districts, FAR, zoning envelope, Setbacks, sky exposure, street wall height, etc.*

Introduction to zoning, developing a zoning study and building codes. For the purpose of study the class will work together on developing a zoning study for the college's new academic complex. Secondly each individual team will develop a zoning study of their own site. We will review the proper setup of team based AutoCAD drawings.

Graded In Class Freehand Site Sketches

Agenda & Attendance

Activity 1 (Review of Freehand Site Sketches)

- Graded sketches must be posted as PDF the day before on team websites or will be marked late.

Activity 1 (Introduction to Zoning)

- Review of NYC Zoning Guide ZD1 (Reference)
- Zoning Analysis Steps (Tutorial)
- Zoning Definitions Lecture
- OasisNYC.net (Tutorial)

Activity 2

- NYC Building Code Links – Introduction to Use Groups and Egress

Activity 3

- Zoning Research – Begin to read the zoning text
- Begin creation of Zoning Sheets (Zoning Diagrams & Zoning Code Text)

Activity 4 (AutoCAD Drawing)

- Introduction to the Template
- AutoCAD 3d Massing Commands & the "Flatshot" command to create isometric drawings
- Setup of project based AutoCAD Drawings. (Xrefs (Overlay/Attach, Blocks, Titleblocks)
- AutoCAD drawing standards (Color by layer, layer system, introduction to template file)

Assignment Review

- (#4) Post weekly progress photographs of a local construction project in downtown Brooklyn
- (#11) Continue development of project Site Inventory & Analysis – post on team OpenLab
- (#12) Post zoning research and questions on shared project zoning on class website.
- (#13) Post zoning research related to project site on team website.

Wrap-Up and Deadlines

- Due prior to next class – post preliminary class and team zoning research
- Due for class – show current status of project drawings in AutoCAD