



NEW YORK CITY COLLEGE OF TECHNOLOGY

THE CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF ARCHITECTURAL TECHNOLOGY

ARCH 2330

BUILDING TECHNOLOGY III

January 2013

Assignment Number/Name: 1 - Cover Sheet & Environs Plan

Computer Program(s): AutoCAD, Revit, Web Browser and Blackboard

Student Learning Objectives:

Upon successful completion of this assignment, the student will:

1. Construct cover sheet including drawings list, abbreviations list and graphic symbol keys.
2. Construct/draw site plan showing environs.

Student Skills Learning Objectives: (AutoCAD)

Upon successful completion, in addition to skills required by previous lessons the student will:

1. Be able to externally reference files and images
2. Be able to add annotation and dimensions

Assessment:

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

1. Evaluate the student's cover sheet and drawings list
2. Evaluate the student's environs plan.
3. Evaluate the student's abbreviations list and graphic symbols.
4. Drawing will be evaluated on its own and as part of the AutoCAD drawing set submission.

Project Description:

The cover sheet will be part of the final submission of a set of AutoCAD based drawings that includes the following:

1. Zoning Analysis
2. ADA Accessibility
3. Partitions Types
4. Stair Core Studies
5. Elevator Core & Service Entry Studies

Process:

1. Create a cover sheet listing
2. Create scaled environs drawing.
3. Develop Titleblock with your company logo and corporate contact information.
4. Add abbreviations list
5. Add graphics symbol and hatching keys.
6. Post completed sheet as a pdf and as a drawing file by the assigned deadline & add description.

References:

1. <http://www.nationalcadstandard.org/ncs5/content.php>