



ARCH 2430

BUILDING TECHNOLOGY IV

August 2014

Assignment Number: 2 Site Plan

Site plans are a means of documenting a project site. These drawings indicate proposed improvements to a given lot. A site plan typically indicates:

- Building Footprint
- Building Adjacencies
- Pedestrian / Vehicular Traffic Flow
- Drainage
- Landscaping (hardscape / soft-scape)
- Topography

Site plans verify building codes, zoning regulations, and historic preservation guidelines are being met. Each student will sketch and document the location of their semester long project. The goal of the assignment is to document the existing conditions and situate their proposed building on the site.

Related topics

Topics to consider are:

1. Existing Conditions.
2. Trees, Mass Transit (bus, subway).
3. Adjacent buildings.
4. Neighborhood usage (residential, retail, commercial).
5. Use of aerial photography
6. Use of sandbon maps(<http://www.nyc.gov/html/dcp/html/zone/zmf.shtml> / http://www.nyc.gov/html/dcp/html/zone/zh_zmactable.shtml)
7. True North

Submittals

After sketching the site students will have to document the site using in the form of a Building Information Model.

The submission will be posted to the Gteam site and will be evaluated for the level of accuracy, completeness and clarity in documentation.

This project is due before the next class after the assignment is handed out.