



NEW YORK CITY COLLEGE OF TECHNOLOGY

THE CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF ARCHITECTURAL TECHNOLOGY

ARCH 2330

BUILDING TECHNOLOGY IV

March 2013

SK 2, steel detail

Location: various (a local steel structure)

Media:

Pencil (2B or similar) or black thin tip pen on 11"x17" paper, with your title block

Assessment:

Each individual student will go into the neighborhood and sketch a steel structure connection detail. The detail should show how steel pieces hold themselves together. Included in the drawing lines that show where the parts are connect and what fastens them together.

For this details sketches assignment, bridges, ramps, car garages and subway stations may offer easier reviews of connections to access. Structures/buildings that are under construction are sketching opportunities. These structures/buildings may allow you to see inside the assemblies and draw the connection fasteners more completely.

Include the address of the structure/building you are drawing.

Considerations:

The purpose of the sketch is to examine how these steel components connect together. Look for the views where it is most easy to see these connections. Find examples that are dramatic connections, such as column to bearing wall, freestanding column, and bridge trusses.

Extra credit:

This should only be done after the regular assignment is finished. Complete additional drawings showing the overall structure and how this detail is used throughout the overall structure. This would be a large massing sketch(s) showing where your connection detail occurs throughout the structure. Include photographs that describe the connection and the overall structure.

Submittals:

All submittals need to be posted up to the blackboard site before their due date as outlined in the syllabus schedule. Use the naming conventions. This assignment is due in one week.