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1.040 Project Management
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Civil Engineering – Project Management
Media Lab – Construction Project Issue Resolution
LEC # 13 @ Project Site

Goal:

The purpose of this exercise is to learn about project issue resolution processes and methods during construction by way of a real experience.

Roles:

Students will be assigned to one of the following three role groups.

1. Designer
2. Contractor and subcontractors
3. Owner

Each role group will include an advisor who has the corresponding role on the Media Lab project, i.e. the architect will participate with the designer group, the contractor will participate with the contractor and subcontractor group, and MIT's project manager will participate with the owner group.

Scenario:

A steel beam was procured and installed; however, architectural drawings do not show the need for a beam.

Deliverables:

Each role group is to:

1. Evaluate given and acquired information and render an opinion about possible cause and responsibility.
2. Present a summary of findings to the other groups in a comprehensive debriefing session.

Preparation:

1. Students shall be assigned to role groups (roughly 1/3 of the class in each).
2. Select a spokesperson to represent each role group.
3. The spokesperson is to discuss the exercise with the group advisor.