

DETAIL ASSIGNMENT

7	16 Feb—HOLIDAY No Class	18 Feb—Pin-up Revisions Begin Detail Design	20 Feb—Individual Crits
8	23 Feb—Individual Crits Drawings & Mock-up Model Due	25 Feb—Individual Crits	27 Feb—Desk Crit REVIEW Drawings & Final Model Due

Assignment Overview

This assignment focuses on the interface between the existing structure and the new one. You should develop tectonics that maintain the historical integrity of the fire station, while expressing a specific concept about attaching to a historic structure (e.g., contrast, blend, foil, use a joint, etc.). You will develop a large-scale, representative model of one (or two) structural bays of your project, showing the full height of the building from foundation to roof and indicating any change in elevation between the interior finished floor and the surrounding landscape.

In-Progress Requirements

- Reference Materials: You should have on your desk photocopies of at least two building precedents that reflect the tectonic character you wish to achieve. You should also have photocopies of applicable details from one of the texts listed below (or some other text of your choosing).
- Journal: You should work out various details contained within the wall section, including sizes, materials, joinery.

Desk Crit Review Requirements

- Drawings and Model: You should have a location plan to show where the bay is situated; a plan, elevations, and sections of the bay; and a real-life model at 1/4" = 1'-0." You should use modeling materials (basswood, cardboard, chipboard, colored matte-board, etc) that indicate actual materials. Issues to consider are:
 1. Symbolic character (e.g., how new construction relates to old).
 2. Tectonic character (i.e., the attitude toward joining materials, expressing structure, post and beam versus panels, etc.) .
 3. Ecological sustainability of the section (e.g., how the section responds to its orientation).
 4. Systems integration (i.e., how building services, lighting, signage, etc. are accommodated).
- The Review: Team 37 and 38 will comprise one group, with Team 6 comprising second. Each group will simultaneously have desk crits with one-two outside reviewers. Each student will have 15-20 minutes of feedback with other group members observing. Then the groups will switch reviewers and repeat the sequence. Ultimately, everyone will have

35-40 minutes of feedback from three-four reviewers. You should have materials available so reviewers can sketch during the crits.

Construction References

Allen, Edward (1999). *Fundamentals of Building Construction, Materials, and Methods*. New York: Wiley and Sons.

Allen, Edward (1993). *Architectural Detailing: Function, Constructability, Aesthetics*. New York: Wiley and Sons.

Ford, Edward (1990-1996). *Details of Modern Architecture*, Vol. 1 and Vol. 2. Cambridge, MA: MIT Press.

Ramsey and Sleeper (Latest edition). *Architectural Graphic Standards*.

Detail <<http://www.detail.de/index.e.html>>

[or any other text you may have used previously]

Historic Preservation/Aesthetics References

Highfield, David (1991). *The Construction of New Buildings Behind Historic Facades*. New York: E & FN Spon, pp. 29-58, 127-138.

Hildebrand, Grant (1999). *Origins of Architectural Pleasure*. Berkeley: University of California Press, 91-131.

<http://www.cecer.army.mil/EARUpdate/NLFiles/2002/SustainabilityHistoricBldgs.cfm>