

## Introduction to Integrated Design

4.191

Fall 2006

Lecturer: Angela Watson

### Guest Pavilion for Ash Street House

#### *Assignment #2*

The owners of Ash Street House are both professors. Through their work at the University, they welcome international scholars into their home and need to add a pavilion to the existing house that could accommodate one person for a very short stay. Visitors will use the space to sleep and work, but will share meals with their hosts. They will be able to use the common bathroom inside the main house.

The space should include a space to sleep as well as a small sitting area with a desk that the visitors could work on their laptop or on a paper. The pavilion can be freestanding or attached to the existing structure. It needs to remain within the property and may not exceed 15' in height. Assume a floor area of 100 sf.

#### Part 1

By Monday, October 2<sup>nd</sup>, be prepared to discuss initial design ideas with either a sketch model at  $\frac{1}{4}''=1'-0''$  or a SketchUp model.

You should think about siting of the structure on the property and its relationship to the existing house and the surrounding neighborhood. Visit the site to get a sense of the street and the houses surrounding it. (You will not be able to enter the house or the courtyard or to look over the fence) Consider use of materials that complement or contrast the existing structure. Finally, consider how to provide connection and privacy to and from the main house and its inhabitants. You will use this exploration as a starting point for your final model.

#### Part 2

By Wednesday, October 4<sup>th</sup>, you should have a draft of the following drawings:

- plan at  $\frac{1}{4}''=1'-0''$ , showing the existing house with the addition
- detail plan at  $\frac{1}{2}''=1'-0''$
- a section and an elevation at  $\frac{1}{2}''=1'-0''$

#### Part 3

For the final review on Wednesday, October 11<sup>th</sup> you should be prepared to present the following:

- final plan at  $\frac{1}{4}''=1'-0''$ , showing the existing house with the addition
- final detail plan at  $\frac{1}{2}''=1'-0''$
- final section at  $\frac{1}{2}''=1'-0''$
- two final elevation at  $\frac{1}{2}''=1'-0''$
- either the sketch model or the SketchUp model from Part 1 of the assignment.