

first year: assignment four

Spatial definition of a 2x4, part A

Issued	Monday, September 10, 2007 @ 4.00 p.m.
Objective	This project is an exploration of how a single building material can be used to define a volume. You will each be given a single 2x4 which will be used collectively by the studio. This 2x4 is to be used throughout the semester for this as well as another project. Do NOT lose it or modify it in any way during this assignment.
Method / Process	<p>It is important for an architect to understand materials; research is a significant component to an architect's process in understanding materials. Listed below is a series of questions about the 2x4. In order for us to be ecologically minded about materials, you are asked to find answers to the following questions.</p> <ol style="list-style-type: none">1. What is a 2x4?2. What are its dimensions?3. How is a 2x4 made?4. When did a 2x4 come into our building tradition?5. Why is a 2x4 an important element in making?6. How much embodied energy does it take to make a single 2x4?7. Compare the embodied energy of a 2x4 to some other item we all know.
Project & Presentation Requirements	<ol style="list-style-type: none">1. Prepare a minimum one page (typed) written statement which answers the above questions. Use the web to help research these questions.2. Disassemble Assignment 3 before Wednesday's class. Use great care in removing the tape from the floor, walls, etc. Do NOT peel the paint when removing the tape.
Due	Wednesday, September 12, 2007 @ 1.30 p.m.