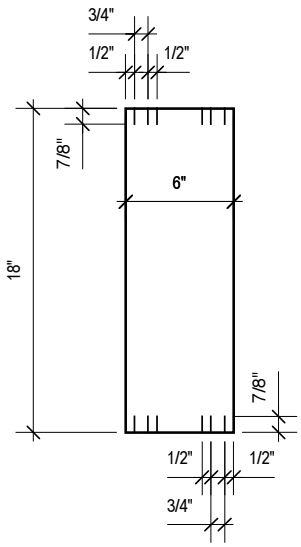
first year: Wood Fabrication Project

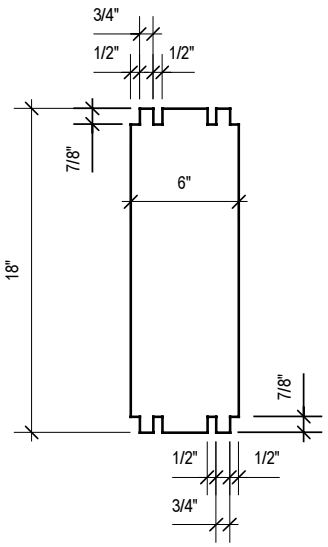
a volume of cubic space: Step One

Issued	Wednesday, September 10 2008
Objective	This semester's project will be directly linked to the studio concepts taught throughout the semester. Ideas such as volume, implied spatial definition, hierarchy, cartesian axes, primary/ secondary spaces, composition, proportion, consistency and articulation will be explored in the development of a cubic volume of space.
Working Process:	As part of your process you are to produce sketches, study models, and mock-ups of all your potential design elements before you will be able to work in the shop. Expect to provide adequate forms of representation to the shop directors and monitors before starting any part of the fabrication process. Each Wednesday you will show your studio instructors how you will develop your cubic volume of space. Each design decision will be based on the skills you are learning in the shop demonstrations as well as the studio projects you are working on in the studio. This project is meant to feed off of your studio learning. You will be asked to make a cubic volume using a number of shop supplied materials including the 2x4 made for project 4. These basic materials will evolve throughout the semester into a spatial cubic volume while also providing a series of interior spaces implied by cartesian planes, orthographic cuts, planar reliefs and circular subtractions.
Step One:	The first step in your process will be to fabricate a 18" x 18" x 6" frame (see the provided drawing attached). A new wood material will be provided for this frame. Conceptually you should consider this the physical context which all the actions that follow will rely on. Your later additions will respond to this context in a variety of ways. As you began to make decisions about your design, each step will further reinforce the spatiality of the cubic volume and the implied spaces within it.
Due	Wednesday, September 24, 2008 @ 1.30 p.m.



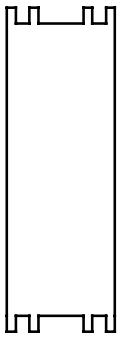
A: FIRST CUTS INTO PLANK

(2) REQUIRED



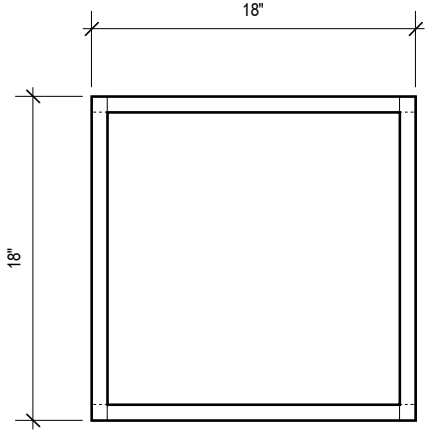
B: FIRST FINGER JOINT PATTERN

(2) REQUIRED



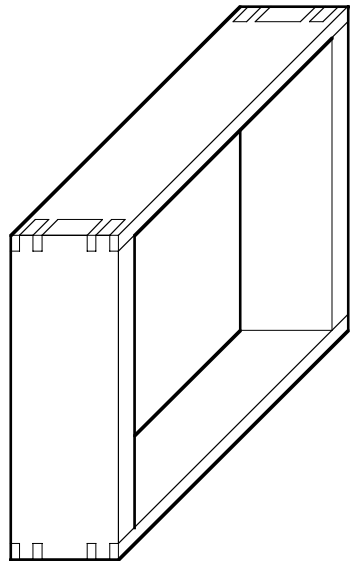
C: TRANSFER PART B ONTO THE OTHER TWO PIECES AND CUT

(2) REQUIRED



D: FRICTION FIT OF ALL (4) FOUR SURFACES

SIDE VIEW OR TOP VIEW



STEP ONE: PARALINE DRAWING OF THE COMPLETE ASSEMBLY