first year: assignment eight

A cube of space

Issued	Wednesday, October 3, 2007 @ 4.00 p.m.
Objective	Design a cube of space defined by means of five planes. Organize the planes so as to develop a series of openings which mutually equilibrate the dominate spatial direction of the openings produced by the missing sixth plane. The objective of this design problem is to understand fundamental principles of spatial definition and generate organizational ideas that go beyond mere definition of cubic space.
Method / Process	• No plane shall exceed nine square inches with a minimum dimension of one square inch. • Planes must be simple rectangles with all edges parallel to the side of the cube. • Planes cannot extend beyond the surface of the cube. • By varying the plane sizes, proportions and relationships of one to the other, study various combinations of the planes through sketches and study models due for class on October 5th and a new series of study models and a drafted vellum drawing for class on October 8th.
Design Process	Wood pencils Tracing paper (12” x 12” sheets) Vellum sheet 23” x 29” Chipboard Elmer's glue
Presentation Requirements	Presentation quality model; white Strathmore, 4 ply: cold pressed Presentation quality drawing including three sectional views and one 30º x 60º axonometric. Drawing to be at full scale and drafted in pencil on a horizontally oriented sheet of 23” x 29” Strathmore 500 Series Bristol Board, 2 ply (the watermark should be on the left hand side). Lead holder(s) with 3 suggested leads: 2H (light:construction), H or F (light/ medium: contours/ elevation), HB (dark:edges & section cuts)
Due	Wednesday, October 10, 2007 @ 1.30 p.m.