

SCHOOL OF ARCHITECTURE

DESIGN 1.1  
PROJECT #4 - ARCHITECTURAL SPACE

E. Hagan Studio  
Fall, 1987

"CONTEMPLATIONS ON A CUBE"

The assignment is to design an unfolding cube environment as a "place for contemplation." The three week project will involve sketch drawings, rough design models, and a finished presentation quality model and drawing.

The unfolding cube environment is to be 16 feet high, 16 feet wide, and 16 feet deep in its folded format. The cube design is to be imagined as constructed of painted white plywood which comes in a standard 4'X 8' module.

You are to design a "place for contemplation" that will foster speculation, enhance contemplation, and provoke soul-searching thoughts by the individual inhabitant (s) of your environment. This is by no means to be a "house" in the typical sense of the word, but more of a "stage set" for the individual and their thoughts. Think of sequences of experiences and how they might be brought about by: framed views, spatial variety, spaces within spaces, level changes, private spaces, exposed spaces, dark vs light spaces, ramps vs steps, approach, looking down, looking up, spaces to sit, stand or lie down, etc.

The environment for contemplation is to be habitable only when in the unfolded format; when folded, the cube shall be secure with all openings, if any, in a closed position.

- Design concept sketches  $\frac{1}{4}$ " = 1'-0"  
(3-D and 2-D drawings of conceptual ideas explored)
- Rough design model (s) at  $\frac{1}{4}$ " = 1'-0"  
(think of these models as design tools)
  - \*unfolds or pieces together with pins or tape
  - \*any material that is easily constructed, manipulated, torn apart and redone, and cheap.  
(cardboard, posterboard, folders or paper plates cut up, thin chipboard, etc)

FINAL PRESENTATION

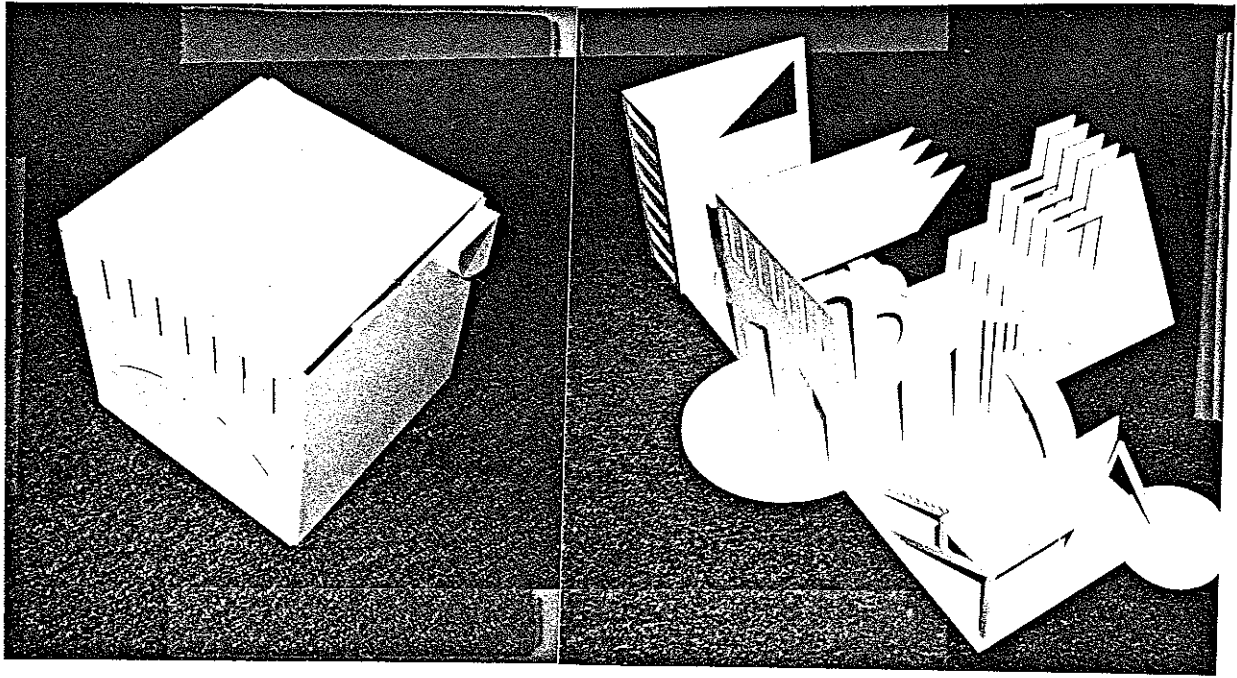
PRESENTATION DRAWINGS:

- scaled to  $\frac{1}{4}''=1'-0''$
- white sheets or board (s) size: 20"X30" horizontal format
- black ink or black and white reproduction from high quality pencil drawings
- title and name "contemplations on a cube"
- required drawings:  
ALL LABELED

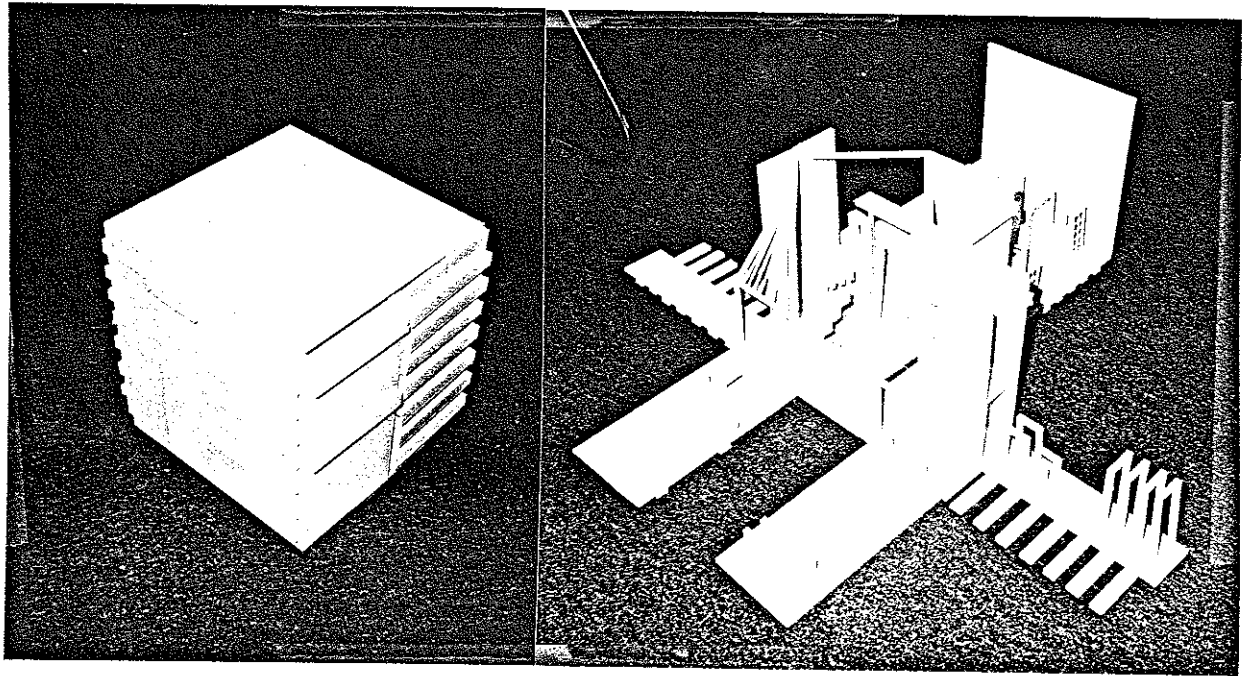
- A. Folded Format  
4 Elevations  
1 Roof Plan
- OR
- [ 1 Axonometric  
2 Elevations
- B. Unfolded Format  
1 Plan  
4 Elevations  
1 Section
- OR
- [ 1 Axonometric  
1 Plan  
1 Elevations  
1 Section Longitudinal

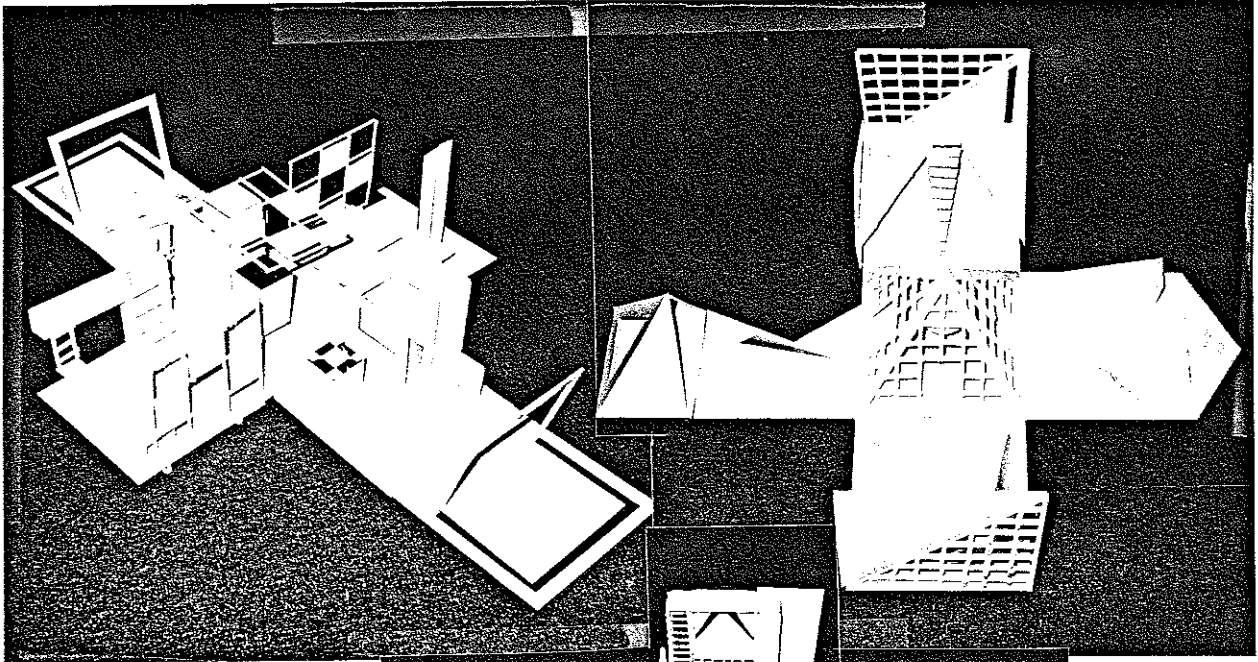
PRESENTATION MODEL

- \* Scale  $\frac{1}{2}''=1'-0''$
- \* White materials: White mat board, white bristol board,  
thin foam board (materials checked with instructor)  
accessory materials: balsa wood, wood dowels, wire
- \* High quality, neatness, craftsmanship important requirement
- \* Capable of being presented in folded format then unfolded by student during presentation.



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