## MATERIALS + ENCLOSURES



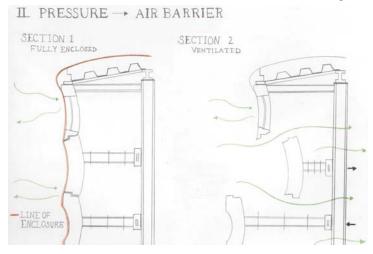
I. FLUID - WEATHER BARRIER

SECTION PLAN

- LINE OF ENCLOSURE

Weather Barrier Diagrams

Air Barrier Diagrams

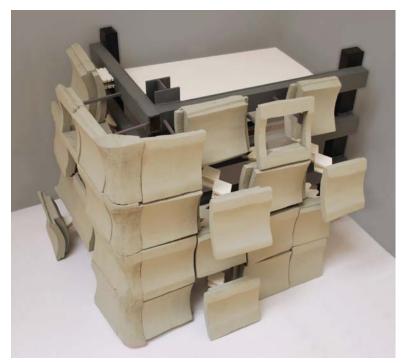


Model View - Panel Section Detail

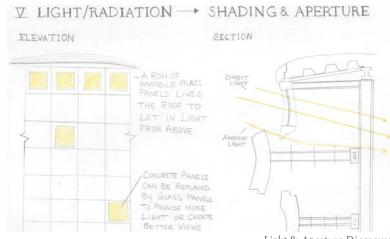
SPRING '09

## **Exterior Variable Facade System**

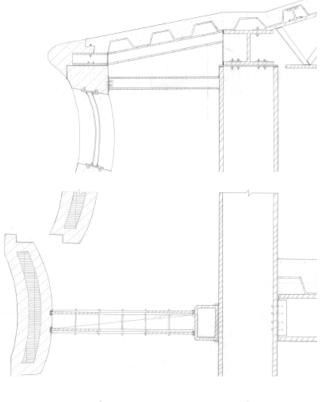
San Diego, California Professors Demetrios Comodromos & Reese Campbell Project with Adam Bruce & Elizabeth Maus

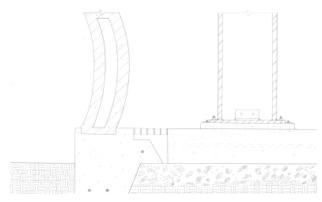


Model View - Exterior Facade System



Light & Aperture Diagrams





Wall Section - Original Scale 1:1

The focus of this variable facade system was to allow maximum natural ventilation through a recreation center in the temperate climate of San Diego. A system of concrete panels attached to a network of pistons allow for various ventilation conditions based on the desires of the buildings' inhabitants. A full-scale wall section and detailed diagrams were all required to be hand-drawn for this exercise, along with the production of a 1:12 scale model.