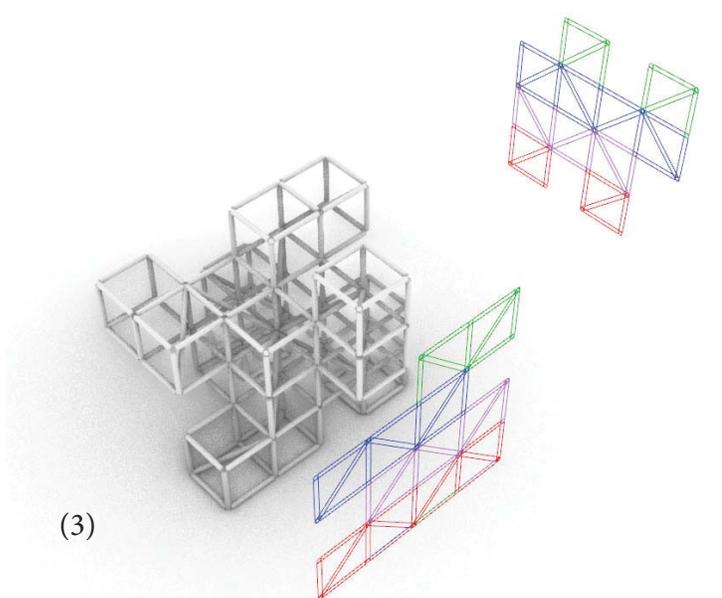
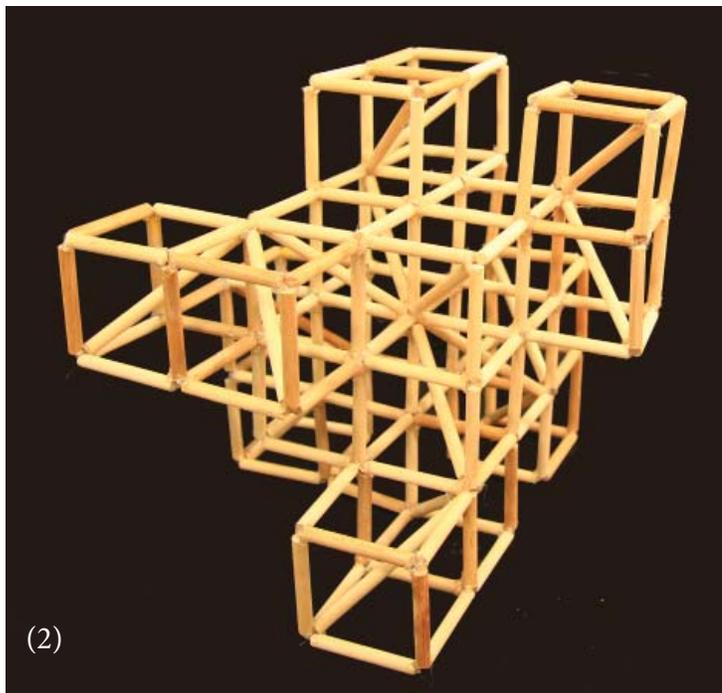
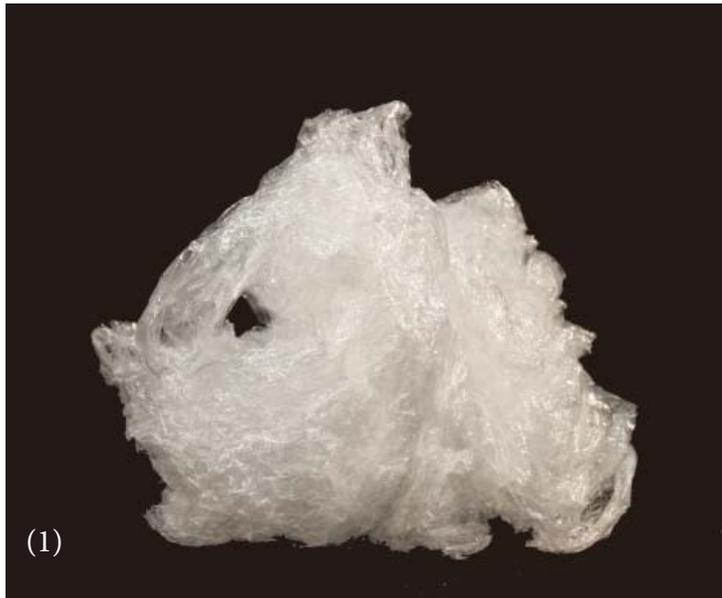




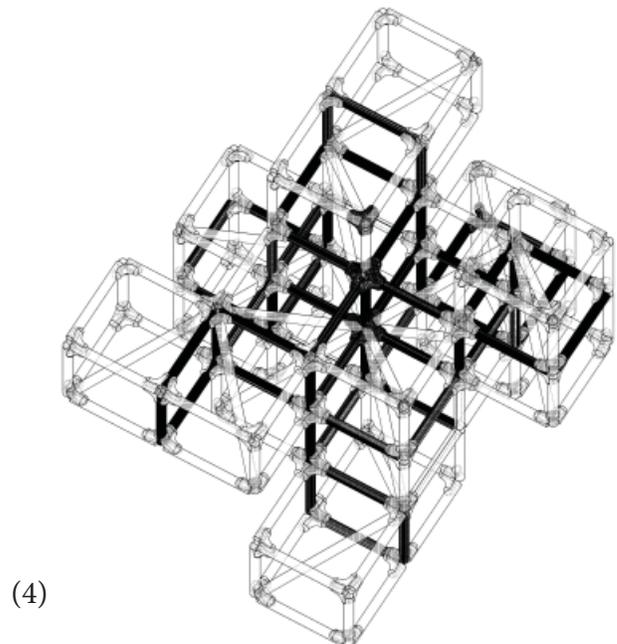
Sean Culligan

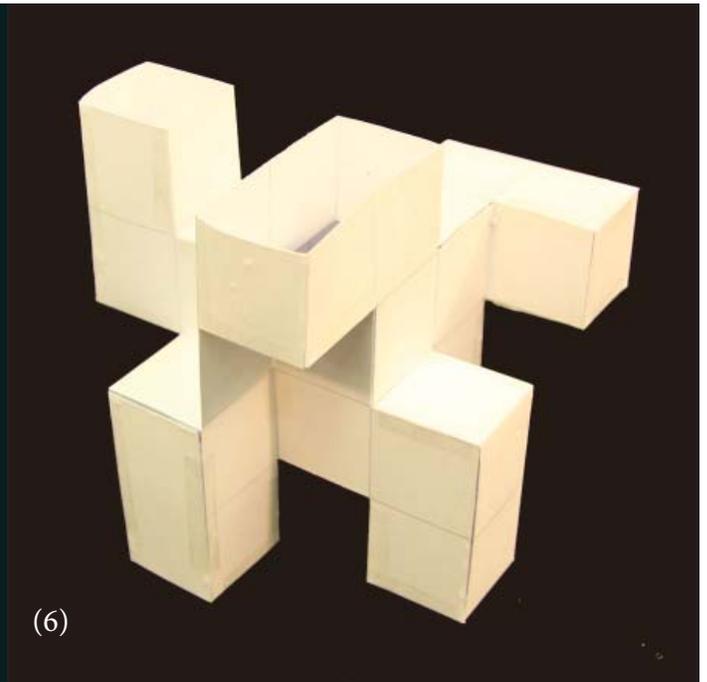
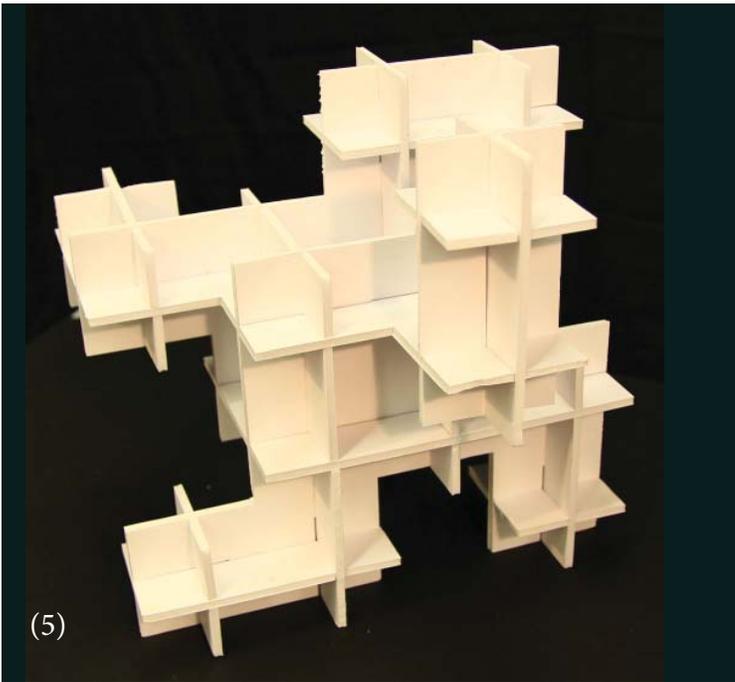


E Pluribus Unum

The opening section of the overall study was about exploring and representing the behavior of matter. The first study model (1) explored the representation of the atom itself through the clear plastic representing the electron cloud. The delicacy of the material as an individual layer being evocative of the Heisenberg Uncertainty Principle, while at the same time creating a distinct overall form. Individual layers react to the slightest touch while the mass as a whole creates substance.

The second model (2-4) takes a step back and starts to explore the interaction of the atoms, specifically exploring the metallurgical structure of steel. It's cubic structure does not have rigidity without the carbon atoms acting as braces.

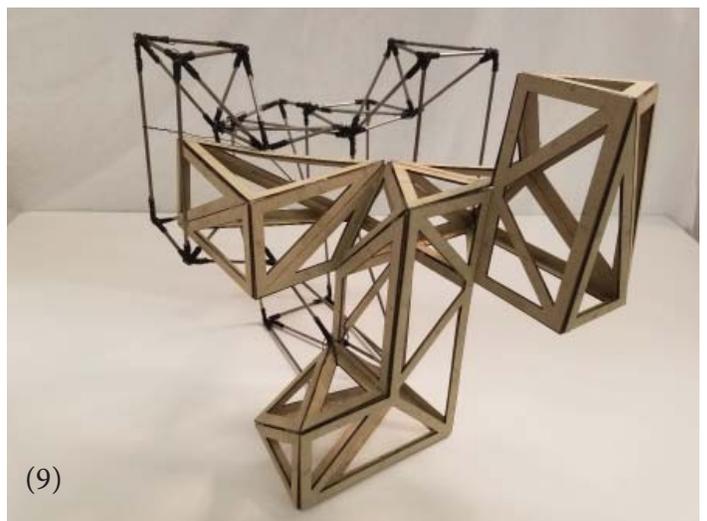


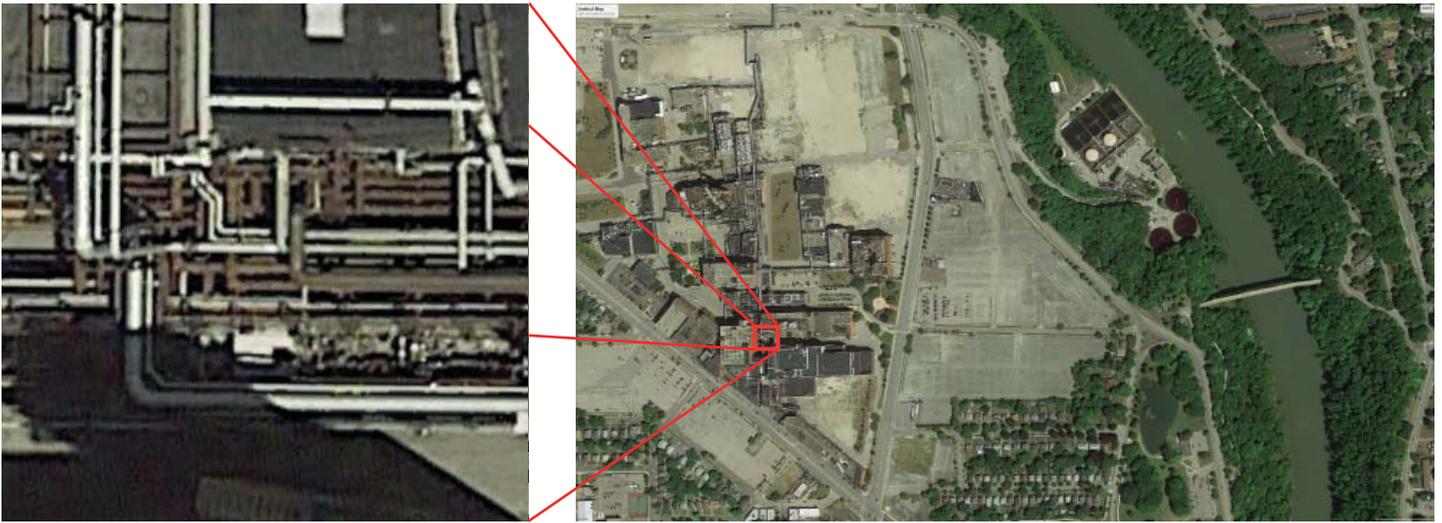


Theme and Variations

The third model (5) takes the volume implied by the cubic structure and inverts it to X, Y, & Z axis; exploring the relationships of the cubic volumes and which units hold others. Overall, Section 1 evolved from exploring units to the forms created from their interaction (6).

Section 2 started to explore material interaction and what such contrast starts to communicate. Starting with breaking the overall volume (6) into two contrasting materials (7), the spatial interaction of the two forms could now be explored with greater diversity, leading to variations and suggestions of the cubic volumes (8), and material choices and forms influencing each other (9).

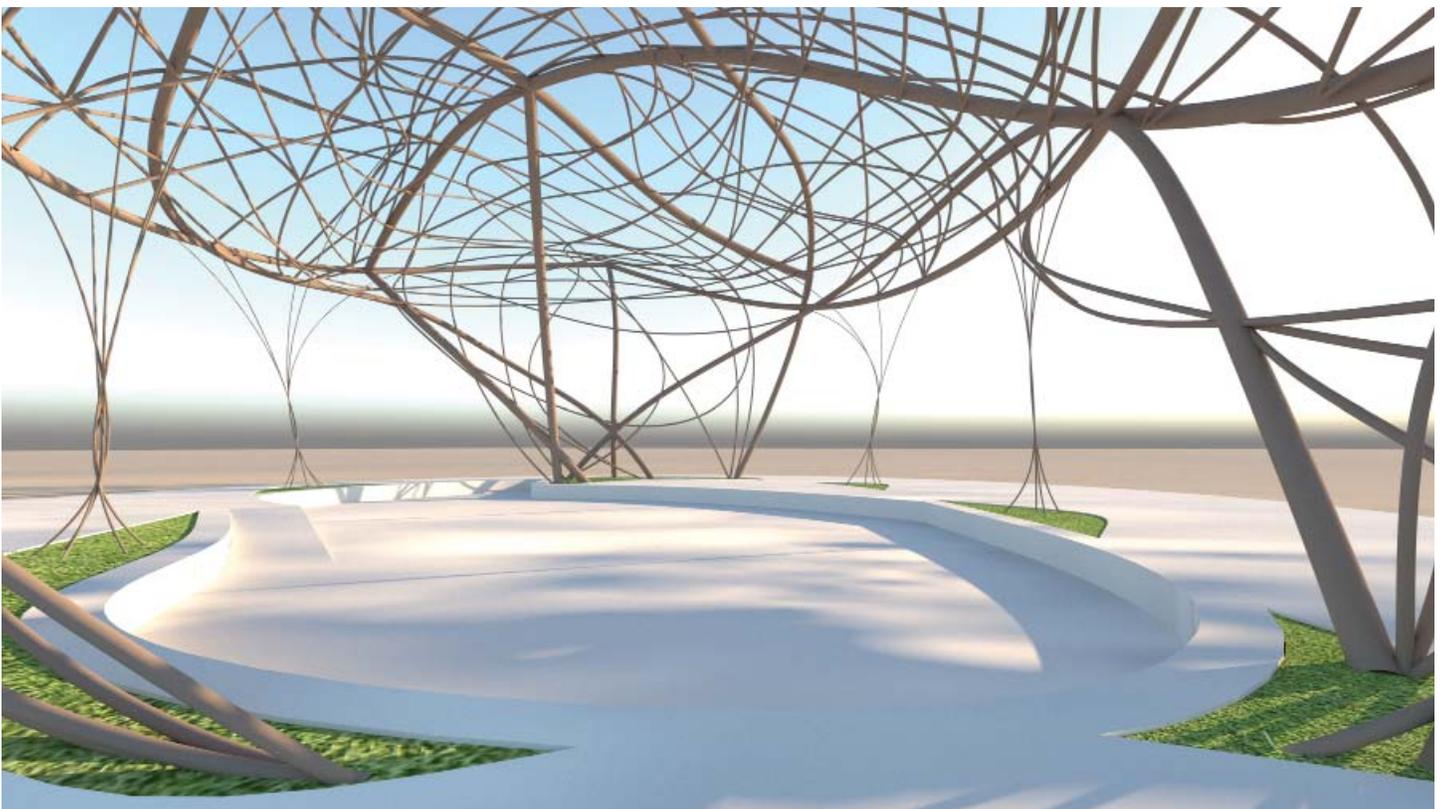




Both Natural and Unnatural

The final design of the study pulled from the industrial history of the a site study of the Kodak Complex in Rochester, NY and the natural park and habitat that is adjacent as the Genesee Rier valley, creating a focal point of gathering for both.

The steel piping that comprises the structure creates an artificiality from the material, with steel cable run along the lengths to allow the ivy to grow up the structure. Its bends and turns evoke the natural growth of the trees, creating a sense of organicism within the artificial structure.

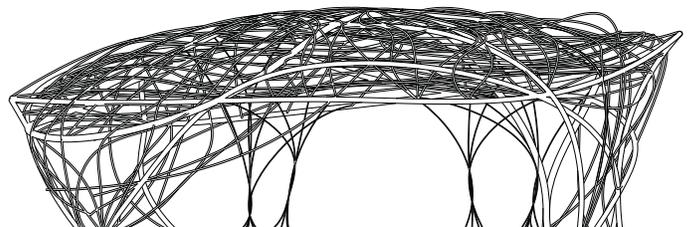
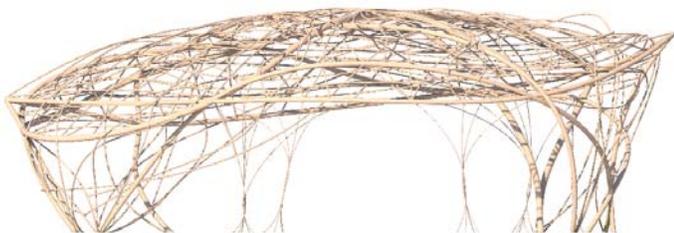
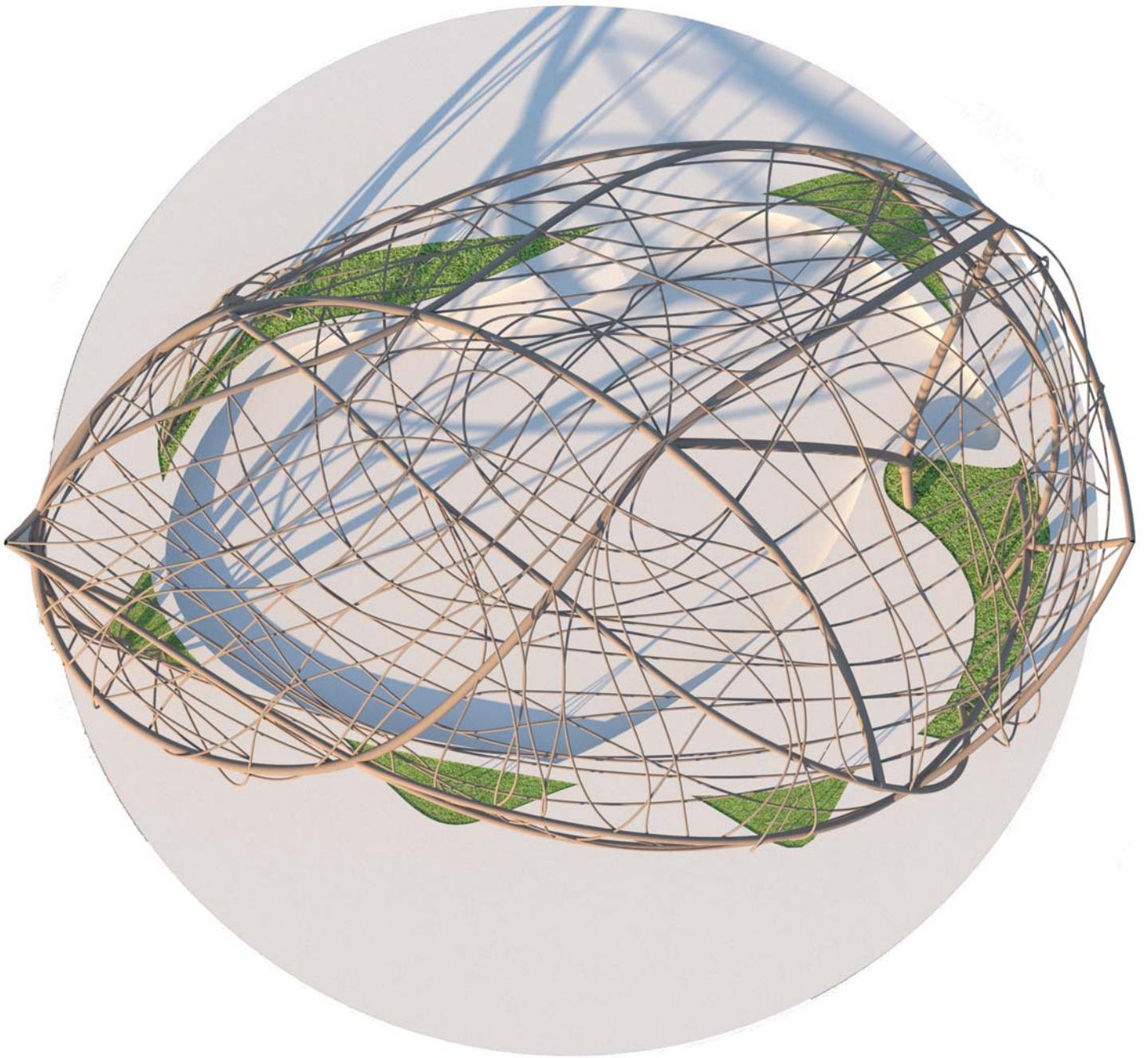




The ivy creates an “enclosure” while still allowing a sense of naturalism within the structure. The pathways of the steel help to guide rainfall down to the planter boxes, from which both the structure and ivy have grown. Instead of an artificial installation destroying the environment around it, it creates a habitat that is both natural and unnatural in form and material.





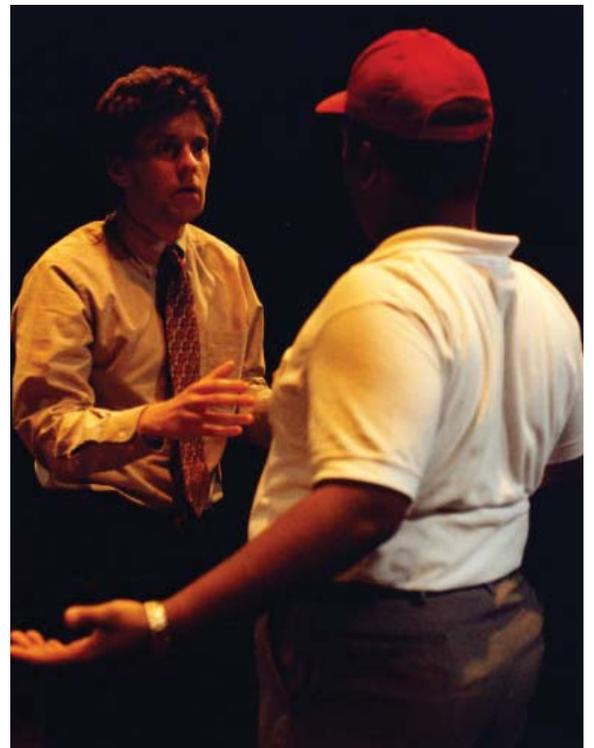




Lighting Design



Simple Man by Chris Mazza





Desdemona: A Play About a Handkerchief
by: Paula Vogel

Directed by: Joan Willard
Lighting Design: Jay Amon
Costume Design: Kitty Macey

Scenic Design: Sean Culligan

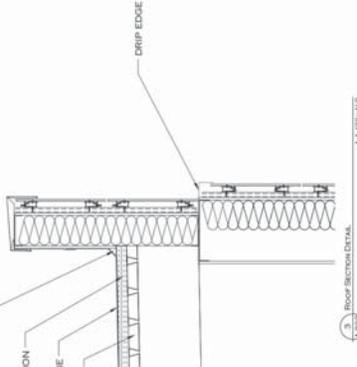
Criteria:

- Travel from New York to Edinburgh
- Fit in 3 large suitcases
- 4 hour set-up, 2 hour take-down

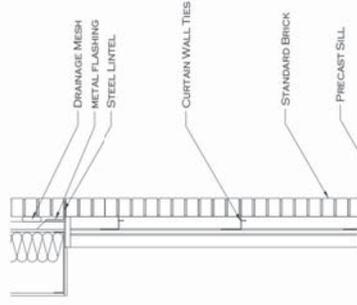




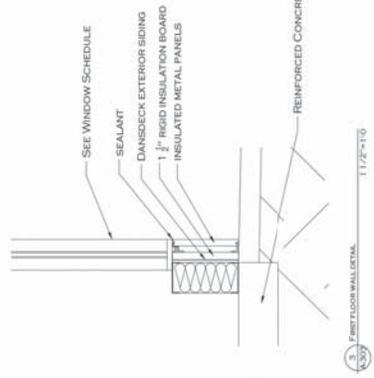
2x2 RIPPED TO 45 DEG.
 2" RIGID INSULATION
 PVC ROOF MEMBRANE
 VERSAGECK W/O CONCRETE



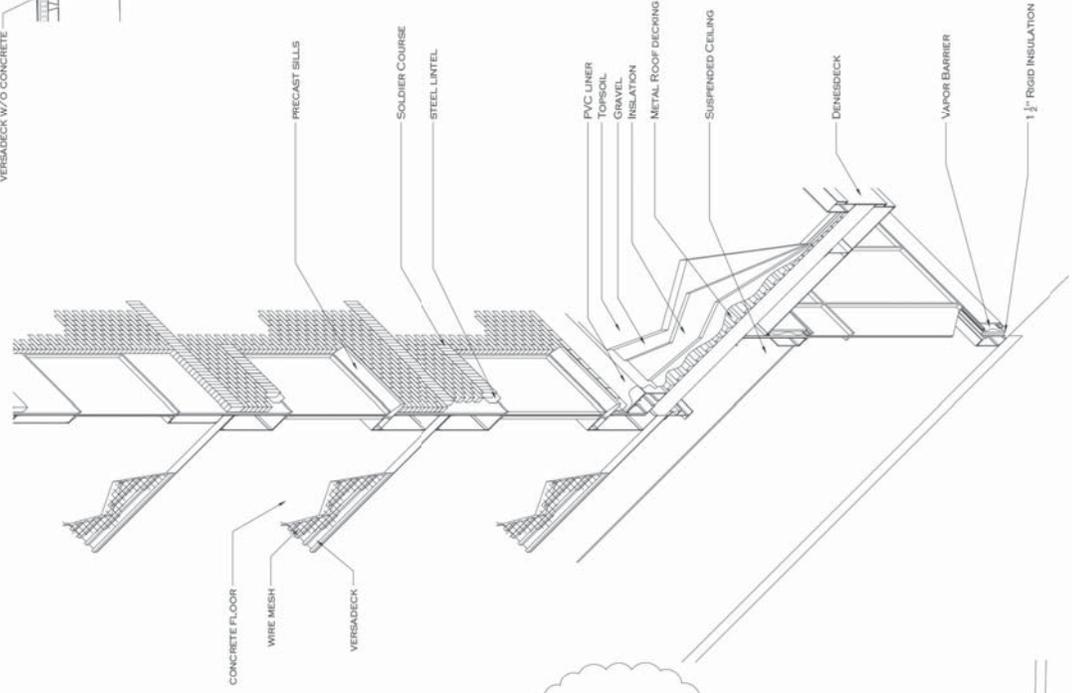
3. ROOF SECTION DETAIL
 1 1/2"=1'-0"



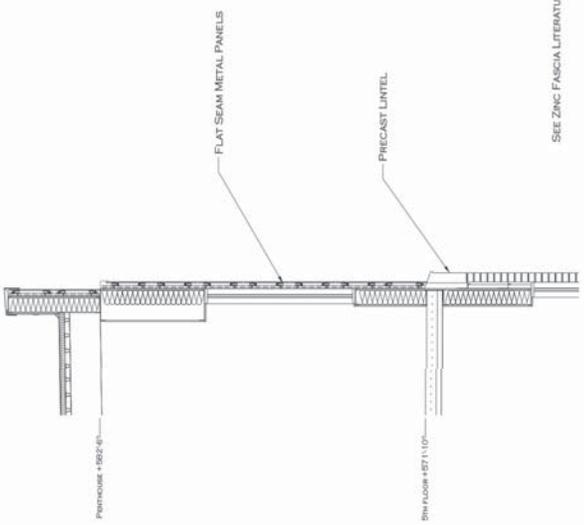
4. ROOF SECTION DETAIL
 1 1/2"=1'-0"



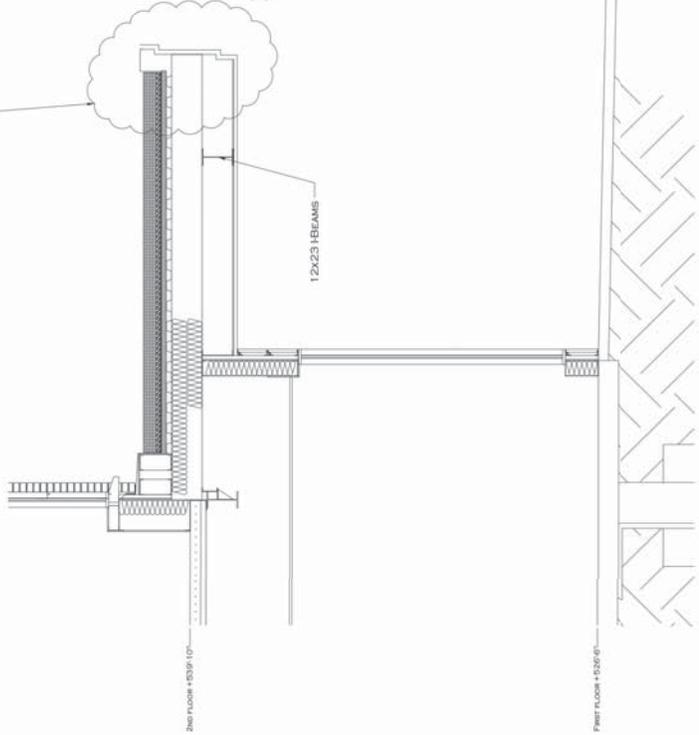
5. ROOF SECTION DETAIL
 1 1/2"=1'-0"



3. BUILDING SECTION 3
 3/4"=1'-0"



SEE ZINC FASCIA LITERATURE FOR DETAIL



2. BUILDING SECTION 2
 3/4"=1'-0"