



STEPHEN CORRELL

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EDUCATION

- | | |
|---|--------------------------------|
| University of Maryland, College Park, MD
Master of Architecture, December 2011
• Cumulative GPA 3.56 / 4.0 | September 2008 - December 2011 |
| Anne Arundel Community College, Arnold, MD
CAD Operator's Certificate, May 2008
• Cumulative GPA 3.96 / 4.0 | January 2006 - May 2008 |
| University of Pennsylvania, Philadelphia, PA
B.A. History of Art, May 2004
• Cumulative GPA 3.43 / 4.0 | September 2000 - May 2004 |

RELEVANT EXPERIENCE

- | | |
|---|--------------------------|
| Spire Architecture, Annapolis MD
<i>Freelance Consultant</i>
• Created Digital Models
• Rendered Presentation-Quality Sections and Perspectives from Digital models | September 2013 - Present |
| Architecture Plus, Fort Collins, CO
<i>Temporary Employee</i>
• Rendered Revit Drawings and Created Diagrams
• Developed AIA Awards presentation PowerPoint | August 2013 |
| Torti Gallas and Partners, Inc., Silver Spring, MD
<i>Temporary Employee</i>
• Built complicated model on tight deadline | May 2012 |
| Grimm+Parker/University of Maryland
<i>Topical Studio ARCH 601 with Local Firm</i>
• Created Feasibility Study for University Bioengineering Dept.
• Conducted Meetings and Presentations to Clients
• Worked Collaboratively with Firm, Client, and Classmates | January 2011 - May 2011 |

PROFESSIONAL GOALS

My longterm goal in Architecture is to obtain licensure and to open my own practice. In order to meet those goals, I need to complete my IDP hours and to complete the ARE. A related goal is to earn the LEED AP BD+C accreditation.

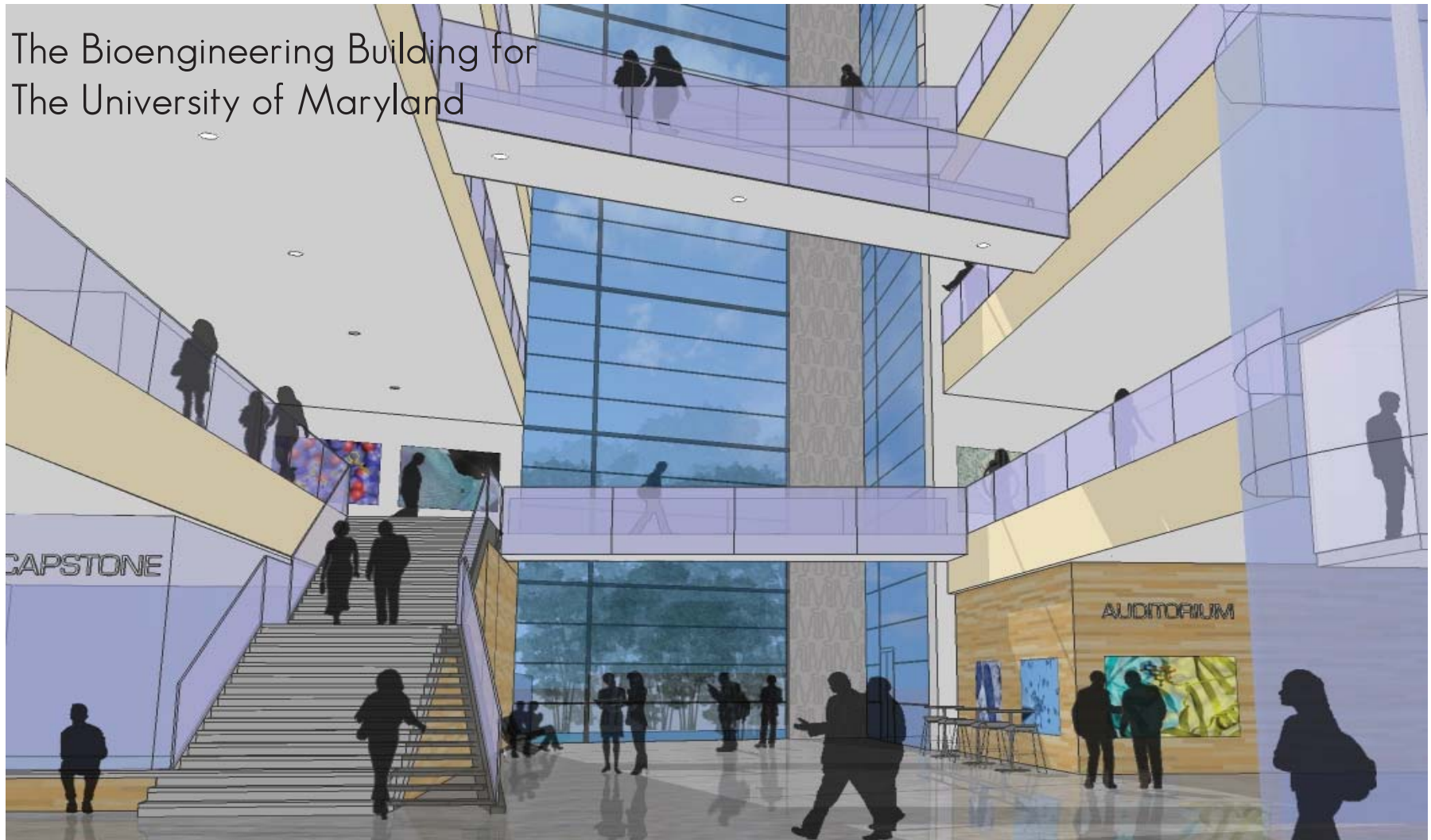
I am looking to bring my academic experience into the work place and obtain the necessary professional experience both to realize my long term professional goals and to become a better designer.

RELEVANT SKILLS

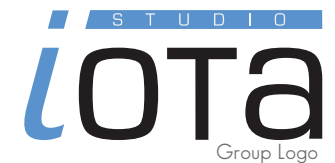
Proficient in :	AutoCAD	Adobe Photoshop
	Google Sketchup	Adobe Illustrator
	Microsoft Office	Adobe InDesign
Familiar with:	Autodesk Revit, Adobe Dreamweaver Web Design, Autodesk 3DS Max.	

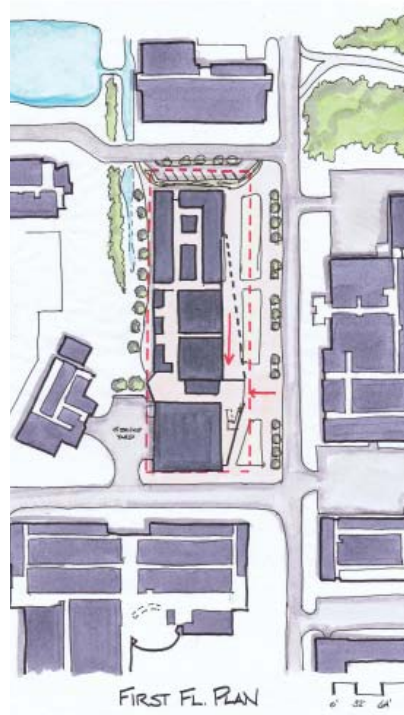
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Bioengineering Building College Park, MD	03
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Thesis Project: Contemporary Bath in Holy Rood Cemetery Washington DC	17
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The Bioengineering Building for The University of Maryland

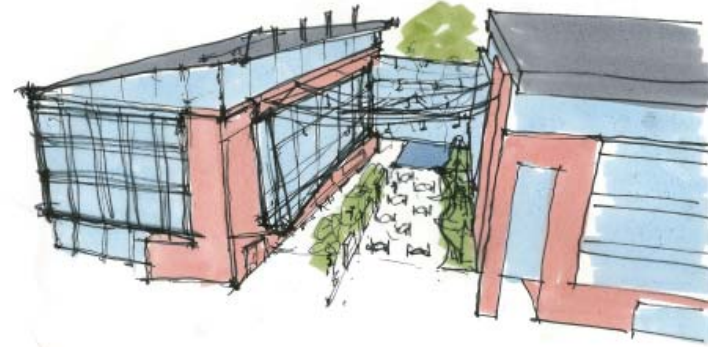


The design process was meant to mimic the process of working in an office and involved the collaboration of four students working in tandem with a local architecture firm to create a viable feasibility study for the department. This process included a series of meetings with the stakeholders to establish the program and report progress. Students ran the meetings and were responsible for the final product.

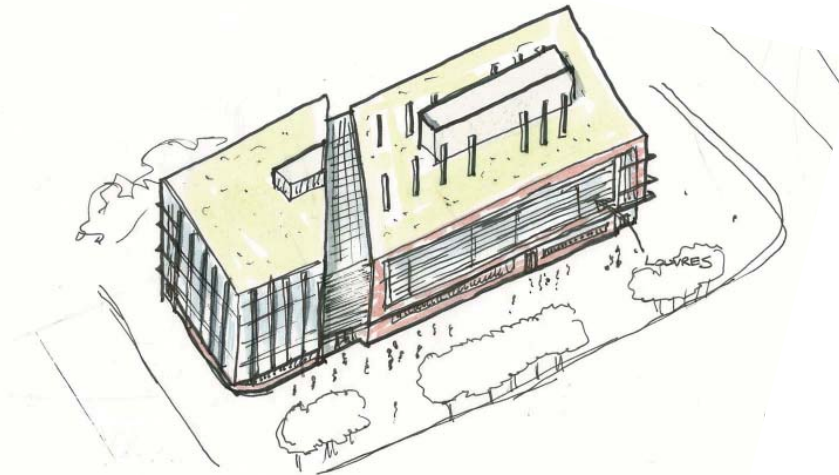




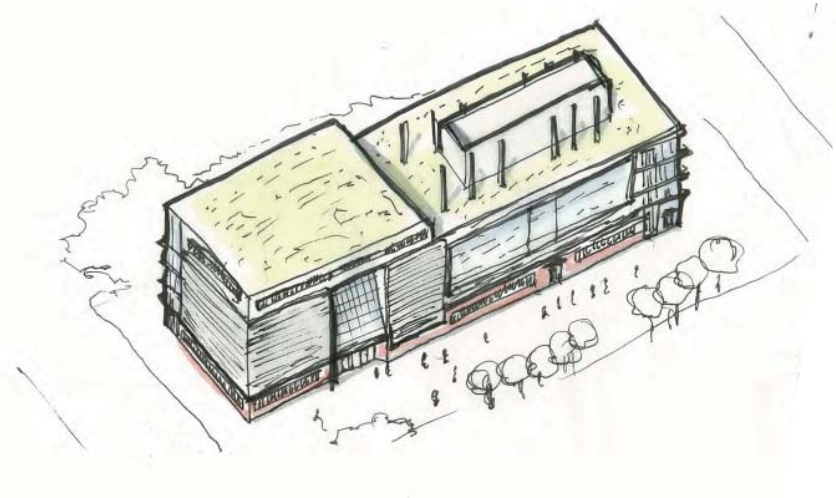
Site Study

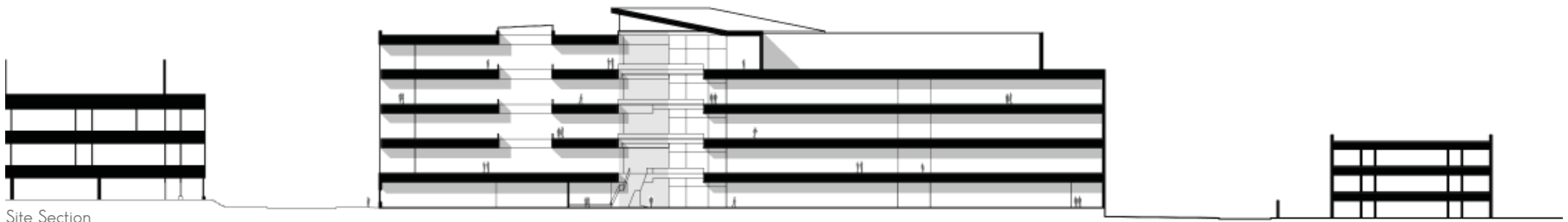


Courtyard Study



Massing Studies

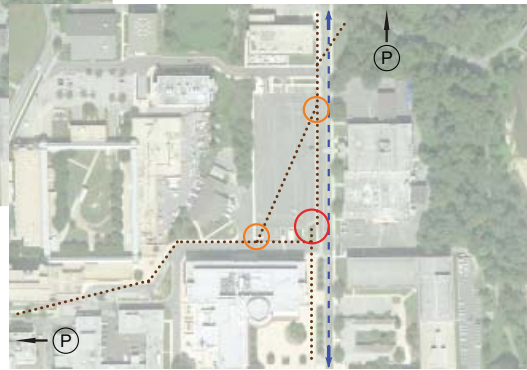




Site Section



Building Entrance Diagram



Circulation Diagram

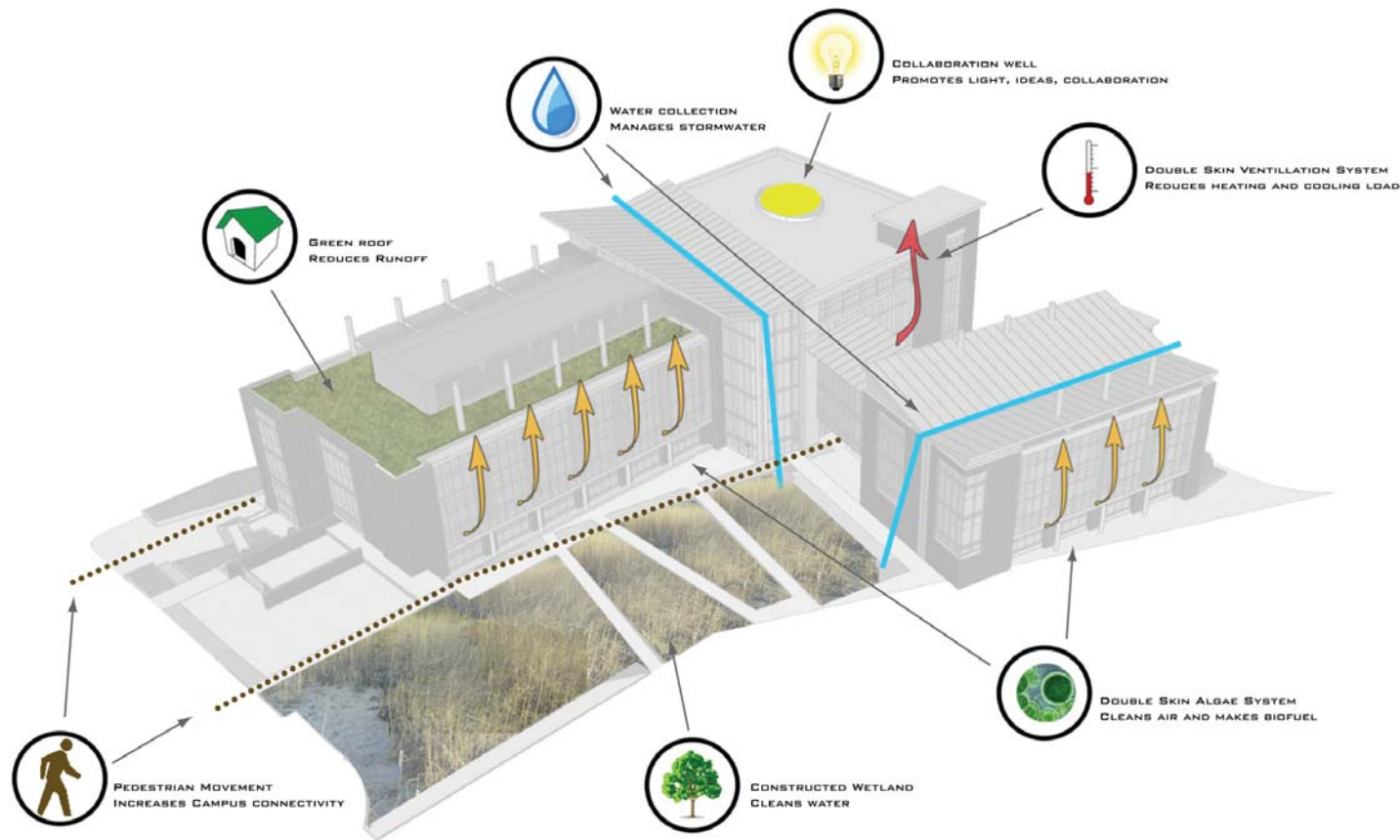


Courtyard Perspective



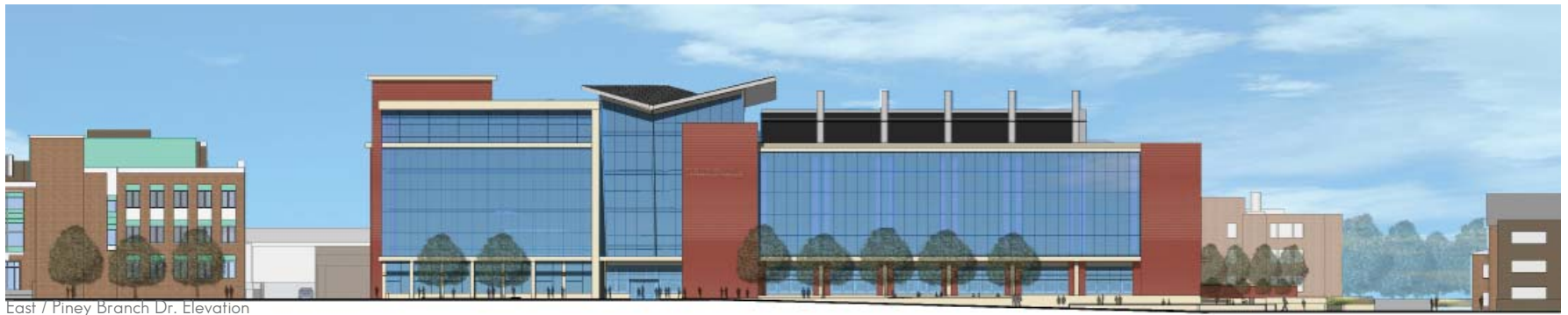
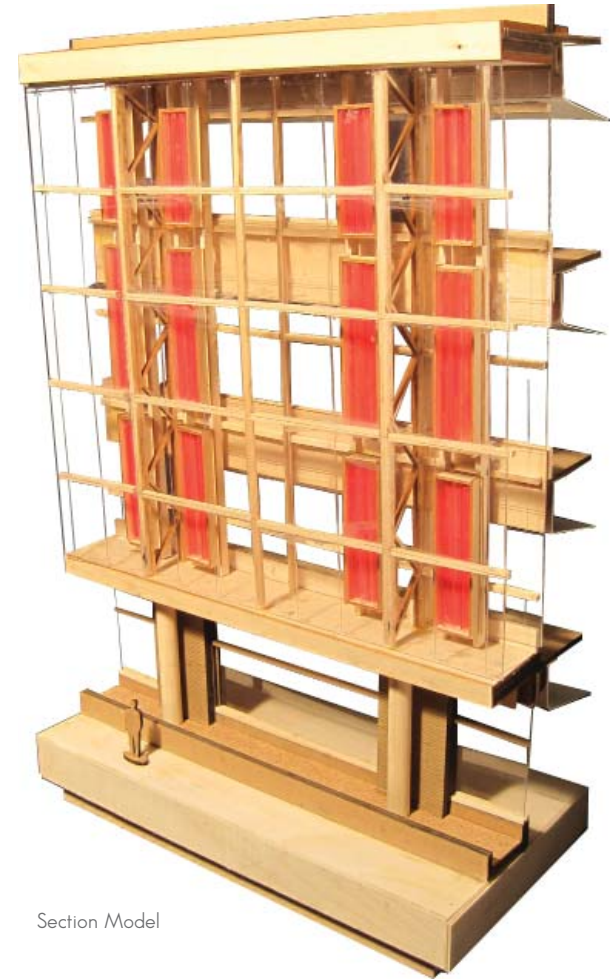
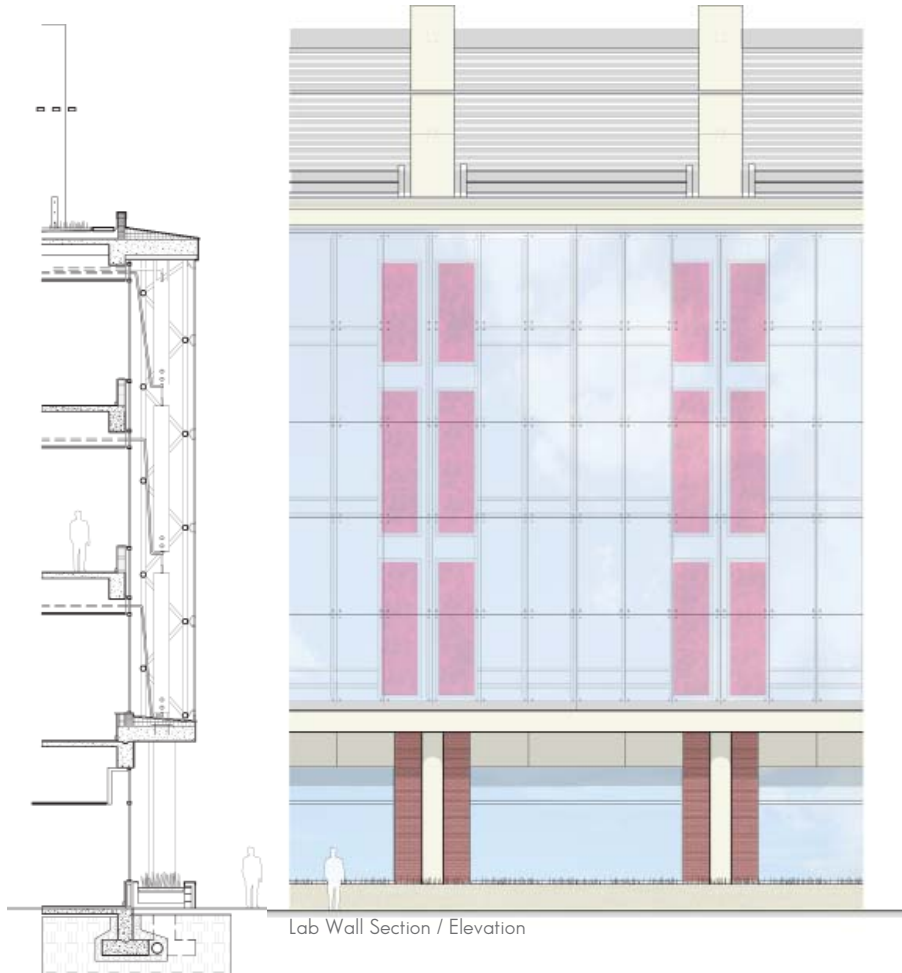
Site Elevation

A Device for a Research Campus



The second half of the semester was used to transform the group design into a unique design. Each student was given the same footprint and general floor plan and asked to design a facade treatment that would enhance the goals of the project.

The building was envisioned as a metaphorical bioengineering 'device' within the body of the campus. This device could then regulate and modulate systems such as pedestrian traffic and water runoff. This project investigated the new technology of algae cultivation for biofuel via a system of tubes of red algae in a double skin facade. These tubes served both as sun shades and as a means of scrubbing the exhaust from fume hoods - thus using the natural system of photosynthesis to enhance the campus environment.

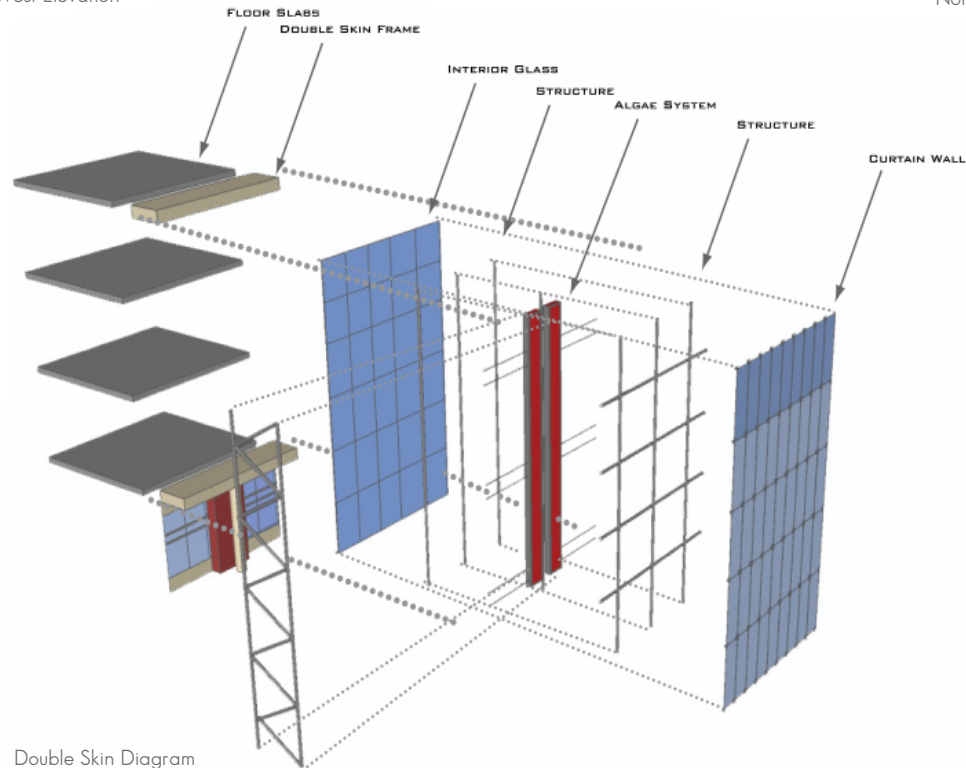




West Elevation



North Elevation



Double Skin Diagram



Southeast Entrance Perspective

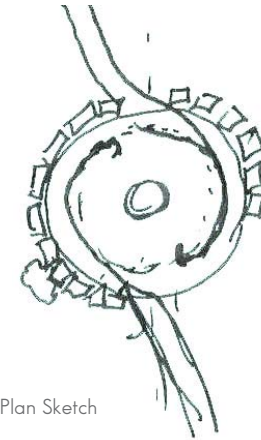
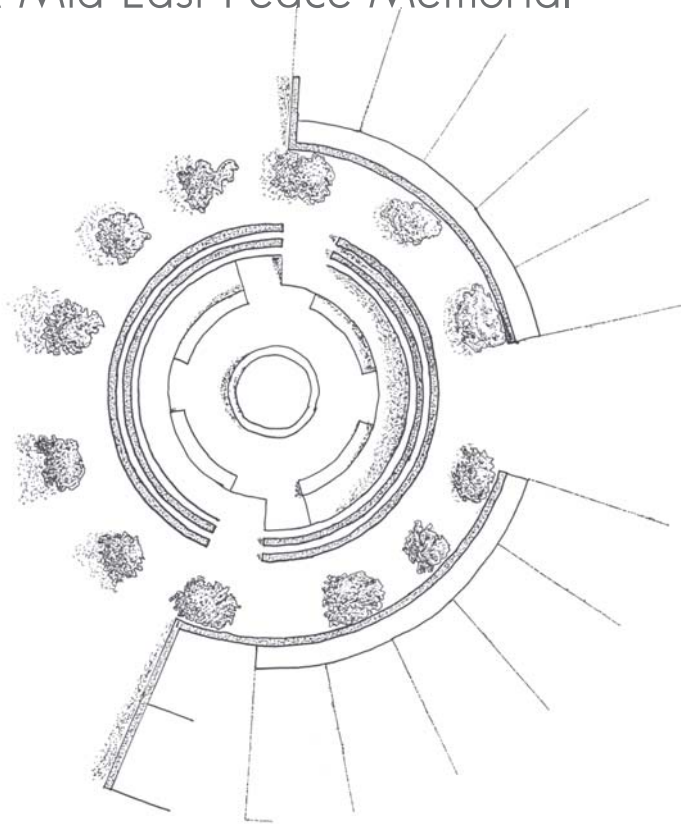


East Courtyard Elevation

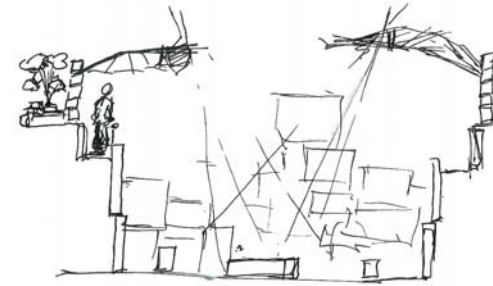


South Elevation

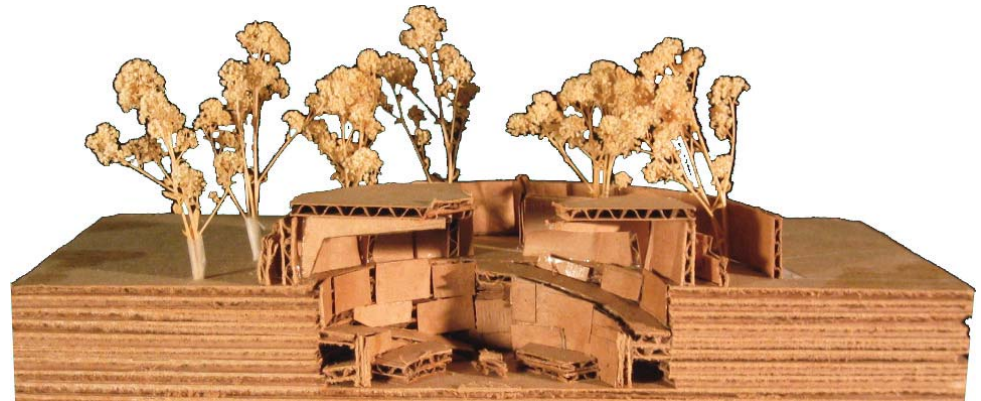
A Mid-East Peace Memorial



Plan Sketch



Section Sketch



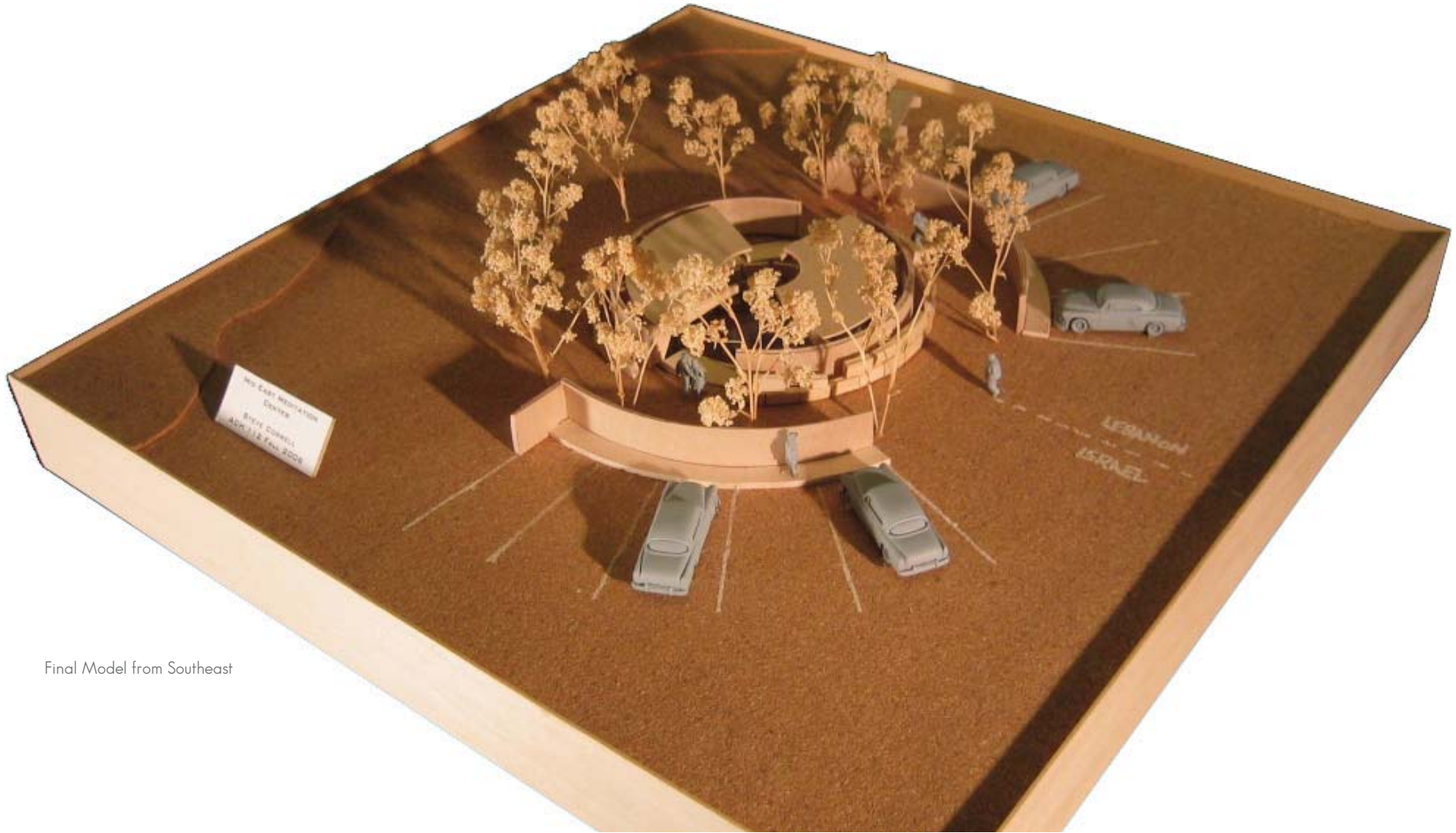
Section Study Model

A project to unite two warring middle eastern countries along the shared border. The site was an ambiguously defined area in the arid area near the Golan Heights - the center of the conflict.

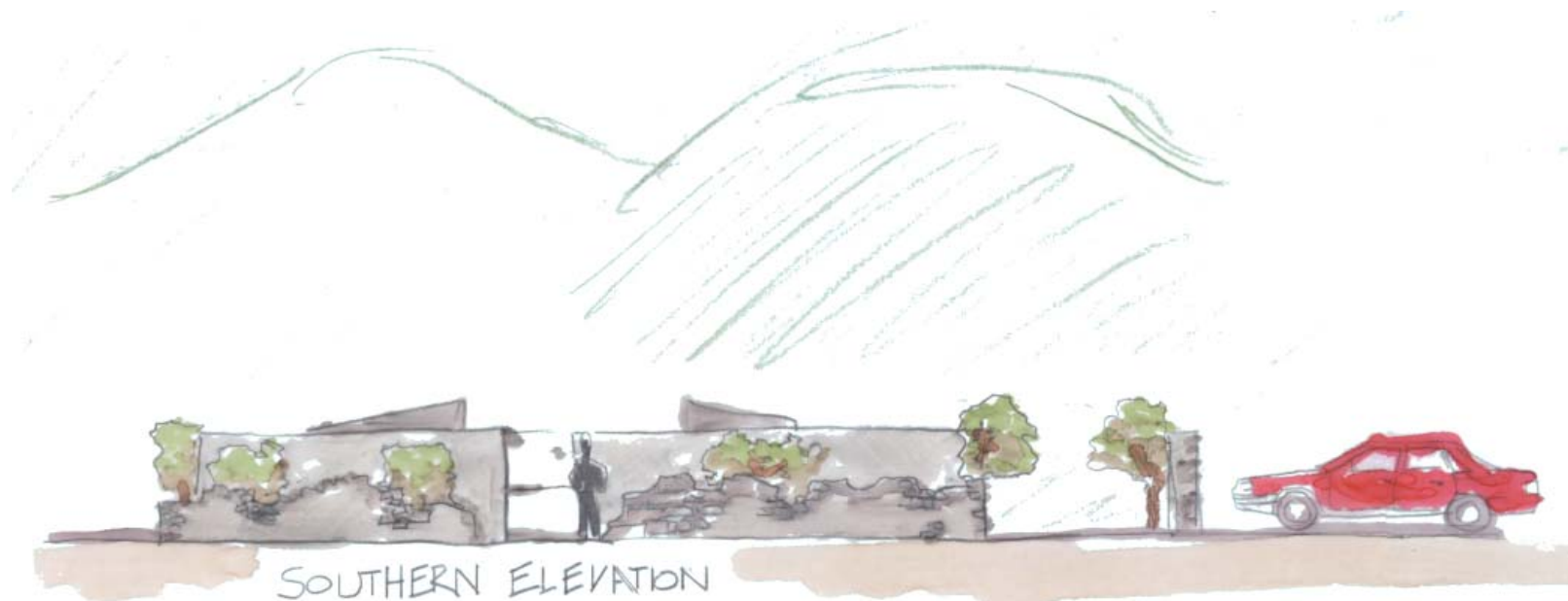
The building represents the aftermath of a missile attack. The metaphorical crater is a remnant of a missile blast but also, more practically, a way to escape the heat of the day. The circular form straddles the border, favoring neither side. The approach from both countries is egalitarian and visitors must work their way through from the parking lot, through the grove of olive trees and down the ramps where a reflecting pool adorns a place for quiet contemplation and reconciliation. The broken aesthetic of the exterior leads to the smooth finish of the interior, as the ruins of war can ultimately lead to the reconstruction of peace.

Course: ARCH 601

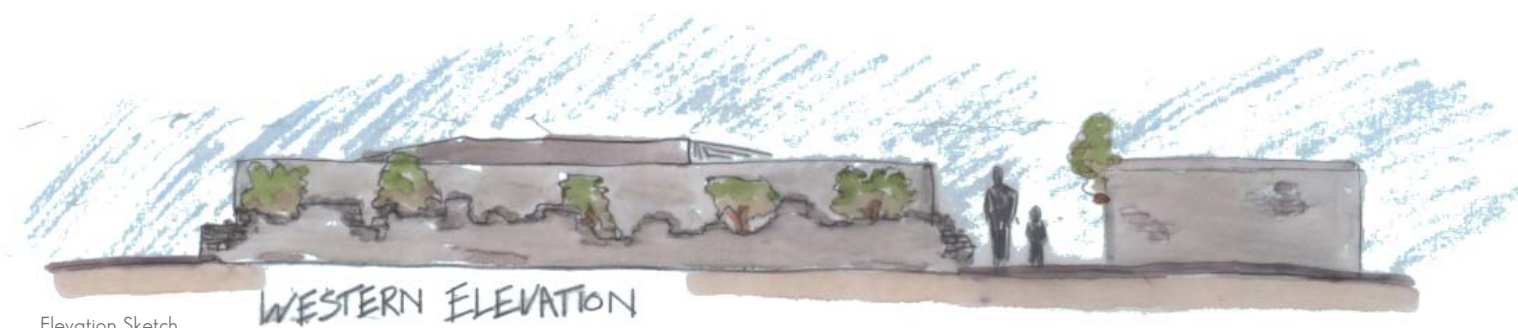
Faculty: Richard Luxemburg



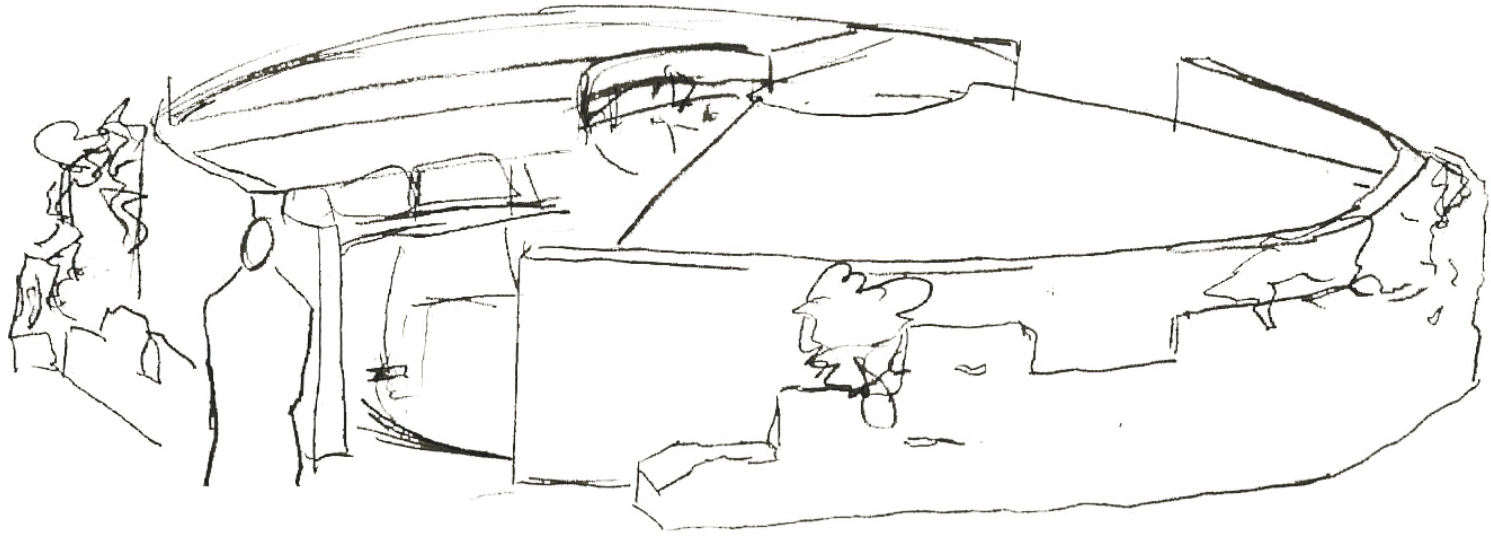
Final Model from Southeast



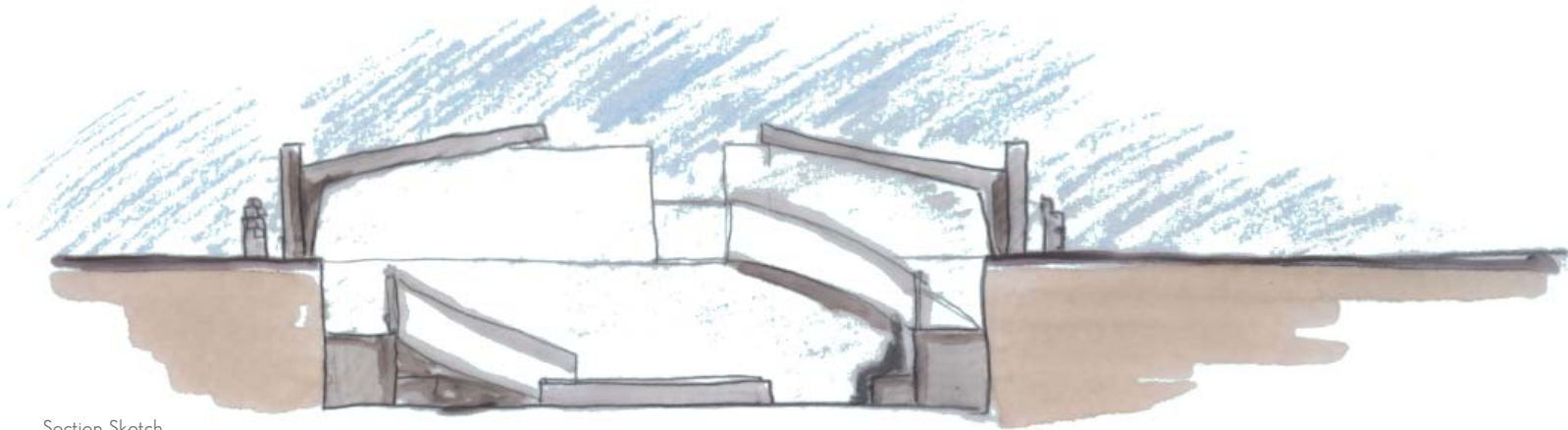
Elevation Sketch



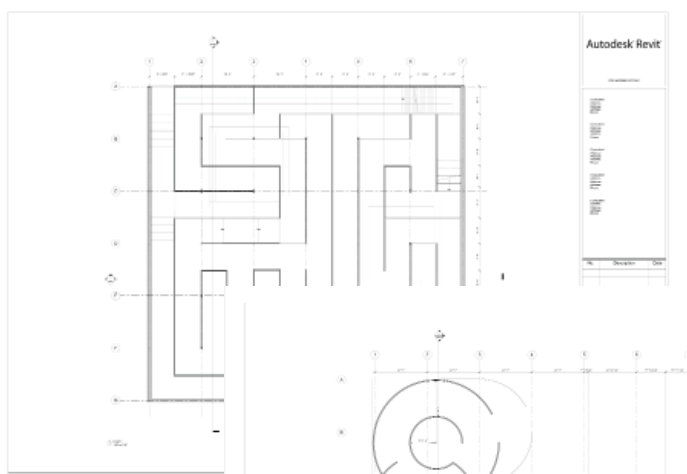
Elevation Sketch



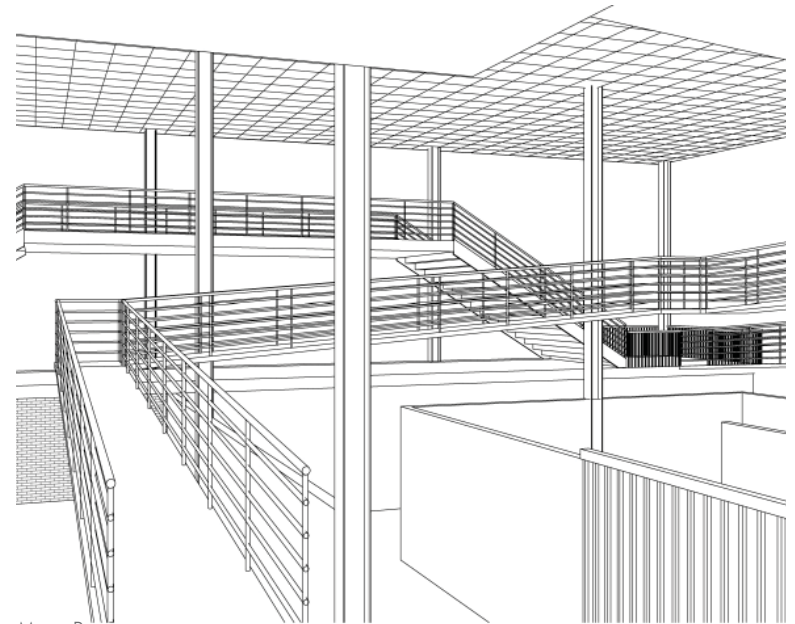
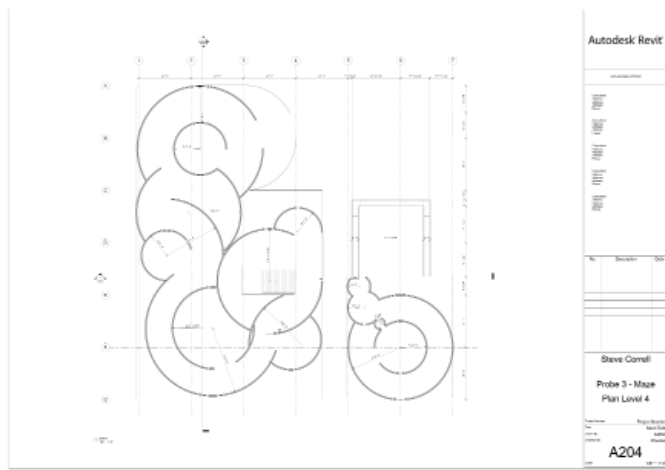
Perspective Sketch



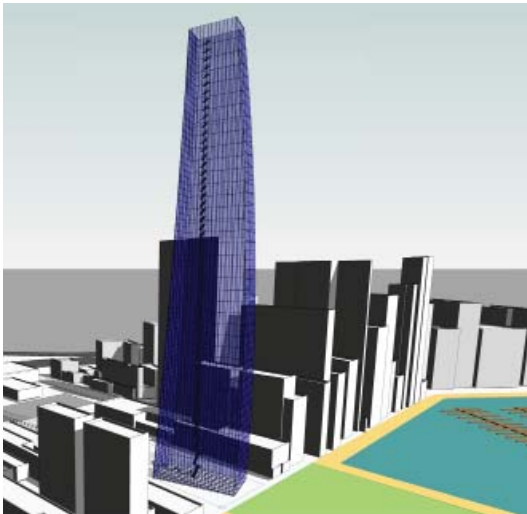
Section Sketch



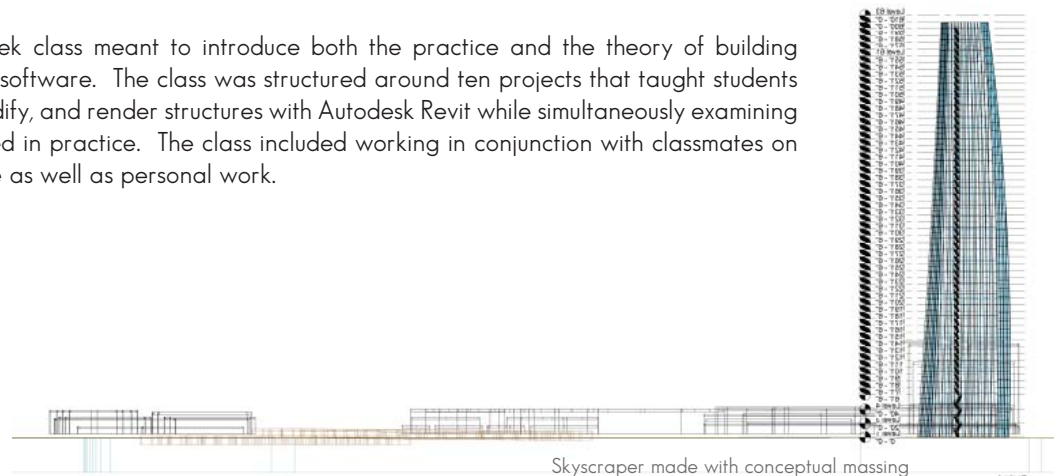
Maze Plans



Maze Perspectives



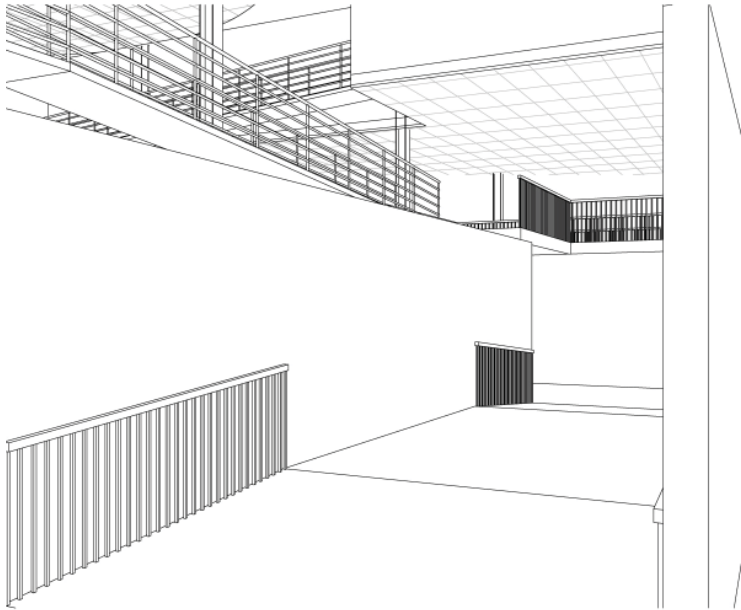
A three week class meant to introduce both the practice and the theory of building information software. The class was structured around ten projects that taught students to build, modify, and render structures with Autodesk Revit while simultaneously examining how it is used in practice. The class included working in conjunction with classmates on a shared file as well as personal work.



Skyscraper made with conceptual massing

Faculty: Kristen Fry

Course: ARCH 678I



Maze Perspectives



Maze Perspectives



Maze renderings



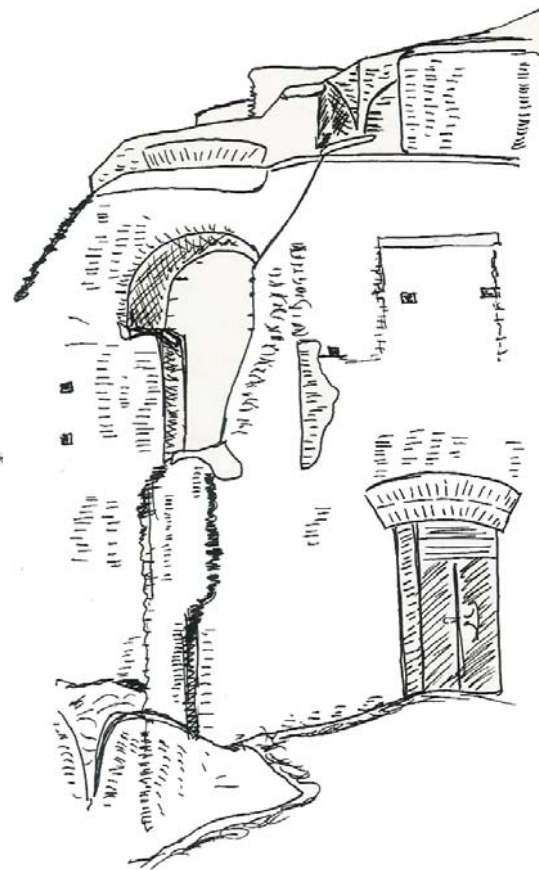
Faculty: Brandi Shepard



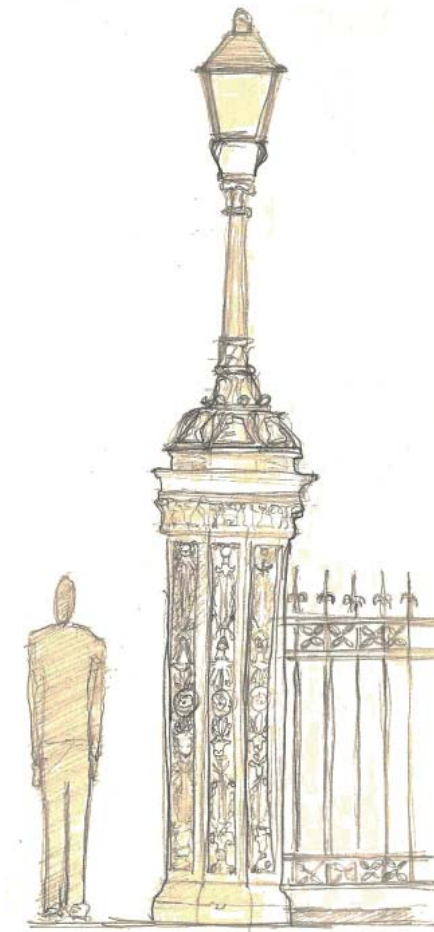
Blue mosque, Istanbul



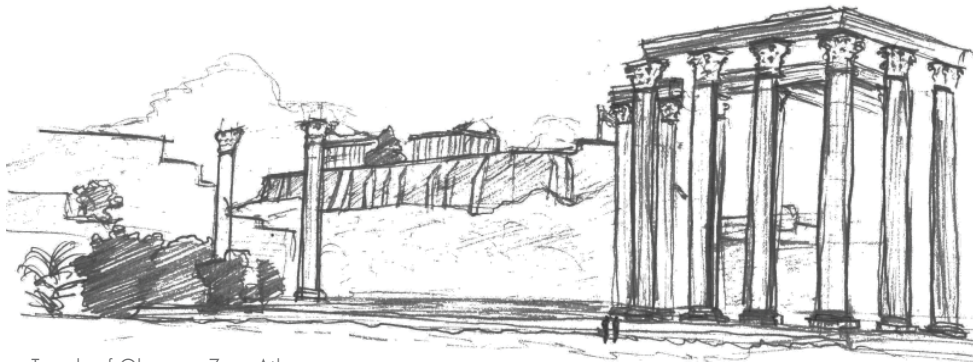
Cave Temple, Dambulla



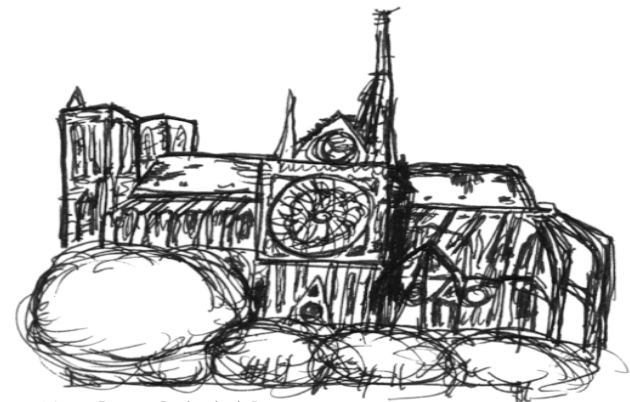
Palatine Hill, Rome



Jackson Square Park, New Orleans



Temple of Olympian Zeus, Athens



Notre Dame Cathedral, Paris

Reanimating the Urban Cemetery: The waters at Holy Rood



The American urban cemetery is an anachronism both as a typology and as an ideal. Between the decay of the physical cemetery infrastructure and that of the ideal of the American cemetery the typology is ripe for revitalization. The potential exists to take the site of the urban cemetery and reanimate it with people and activity while creating a place of reverence and respect.

Water proves to be a powerful element with which to create a series of experiential spaces that can frame the site and prepare the visitor for the reinvigorated cemetery beyond.

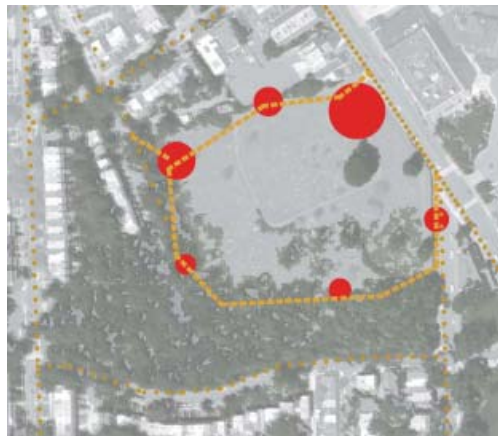
By invigorating the site with new meaning, one can simultaneously repair a blighted urban space, the memories of the forgotten souls therein.



Buildable Area Diagram



Site Circulation Diagram



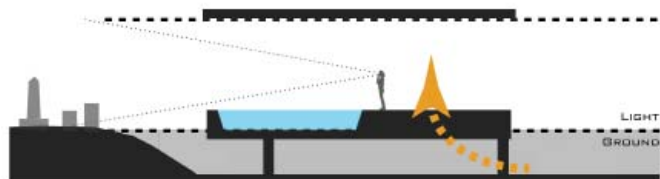
Site Circulation Diagram



Site Map



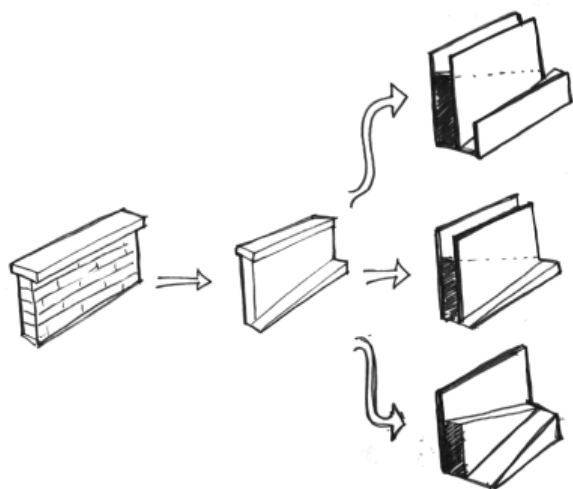
Wisconsin Ave Perspective



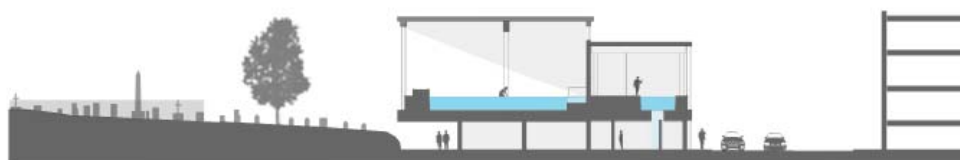
Dark to Light Circulation Diagram



Cross Section 1



Wall Carving Diagram

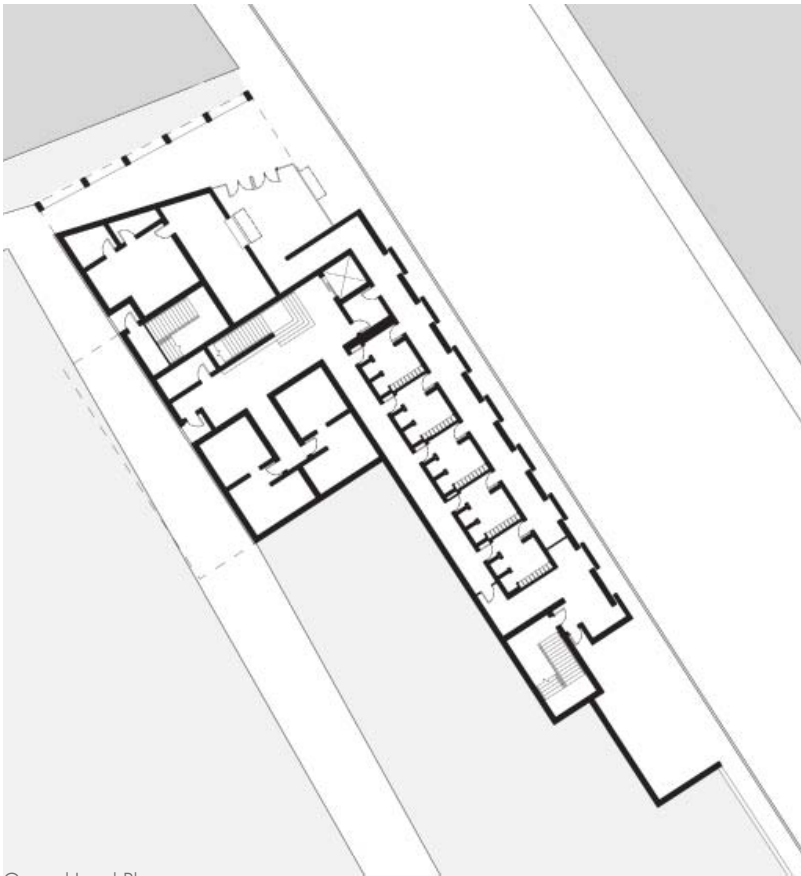


Cross Section 2

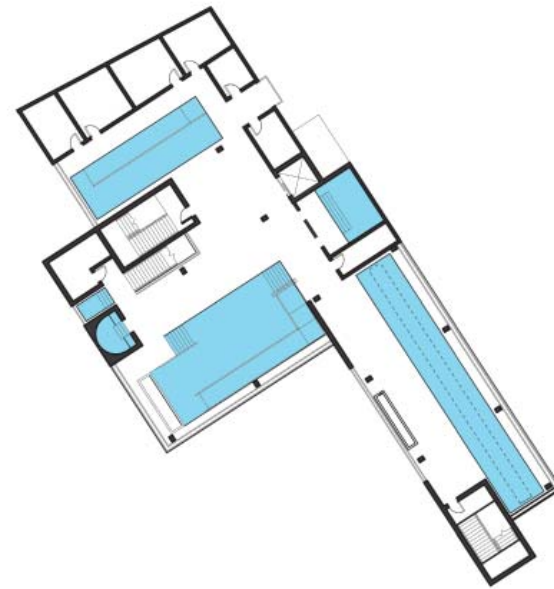


Longitudinal Section

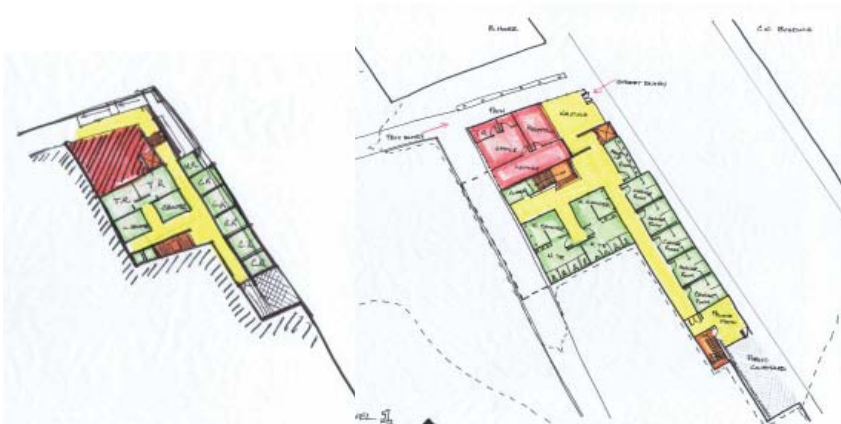




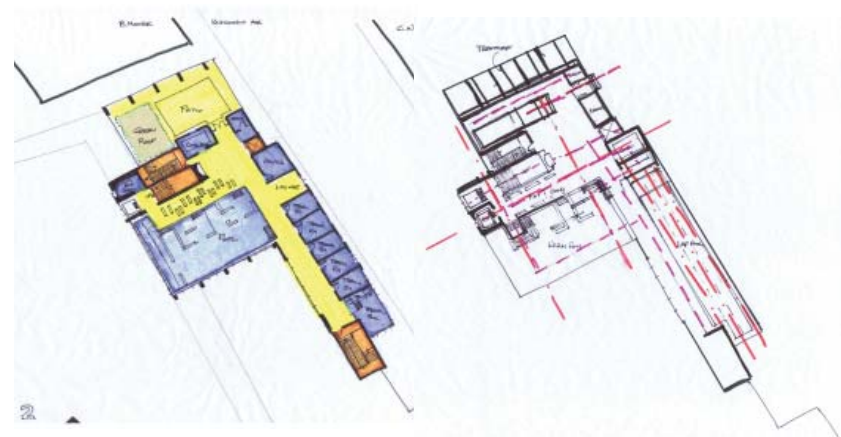
Ground Level Plan



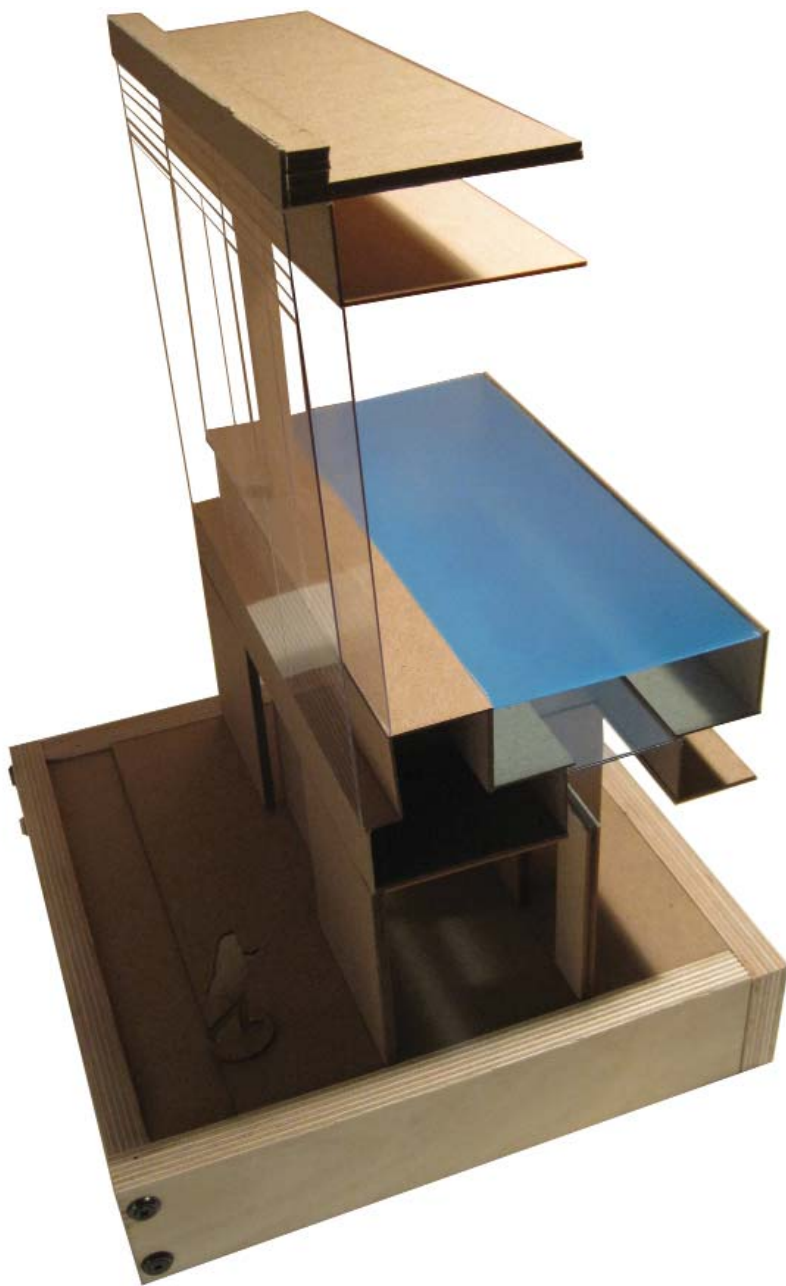
Pool Level Plan



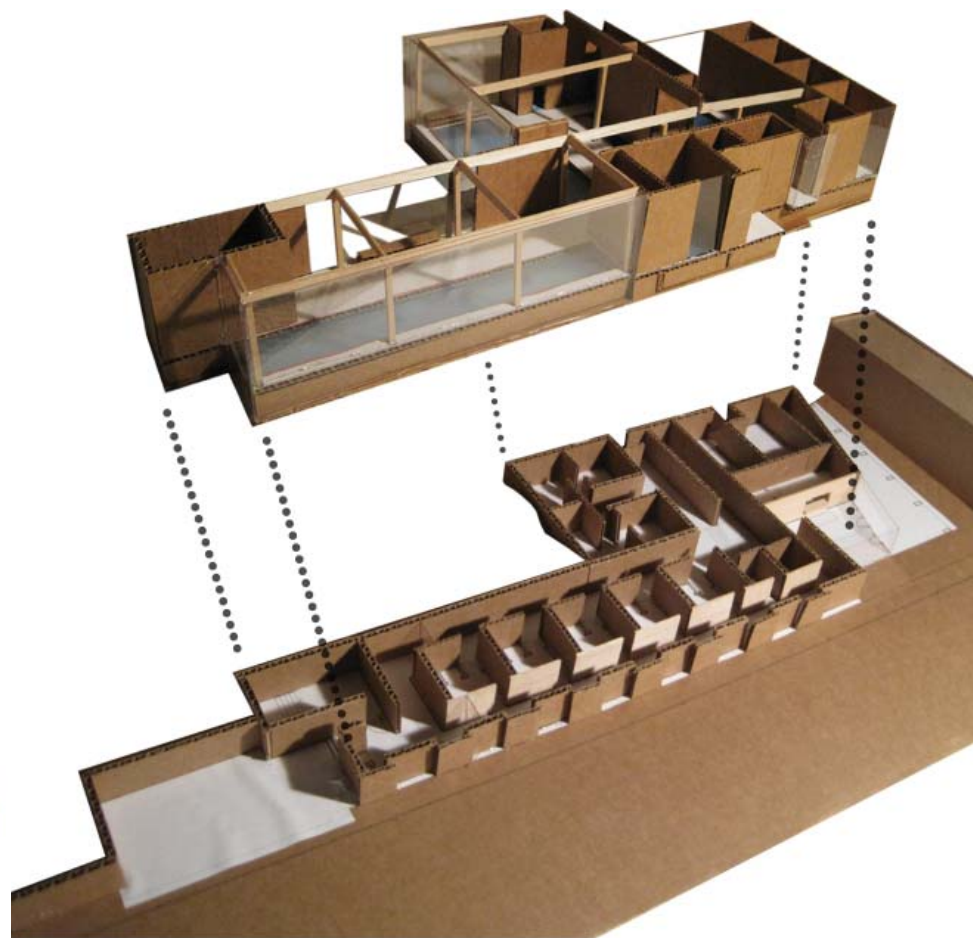
Ground Level Plan Studies



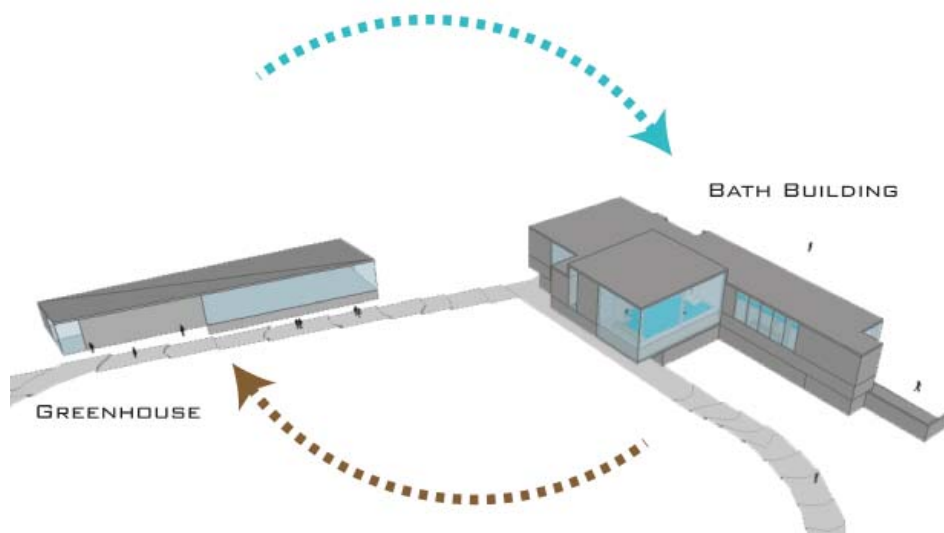
Pool Level Plan Studies



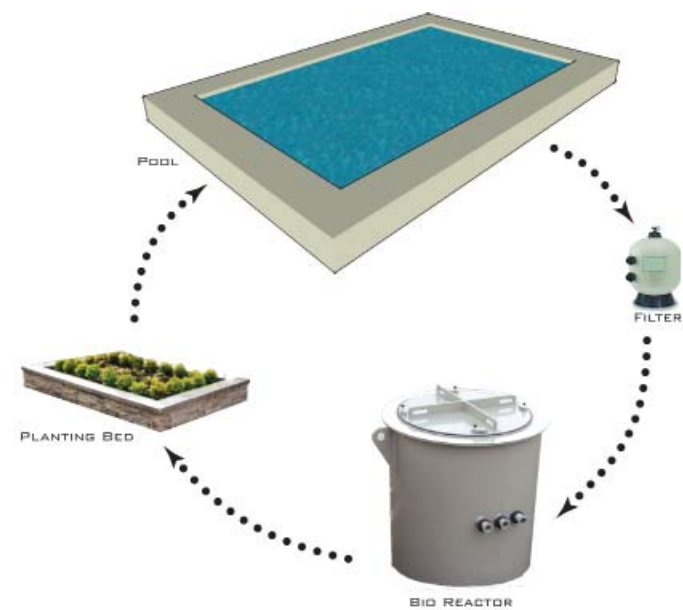
Wall Section Study Model



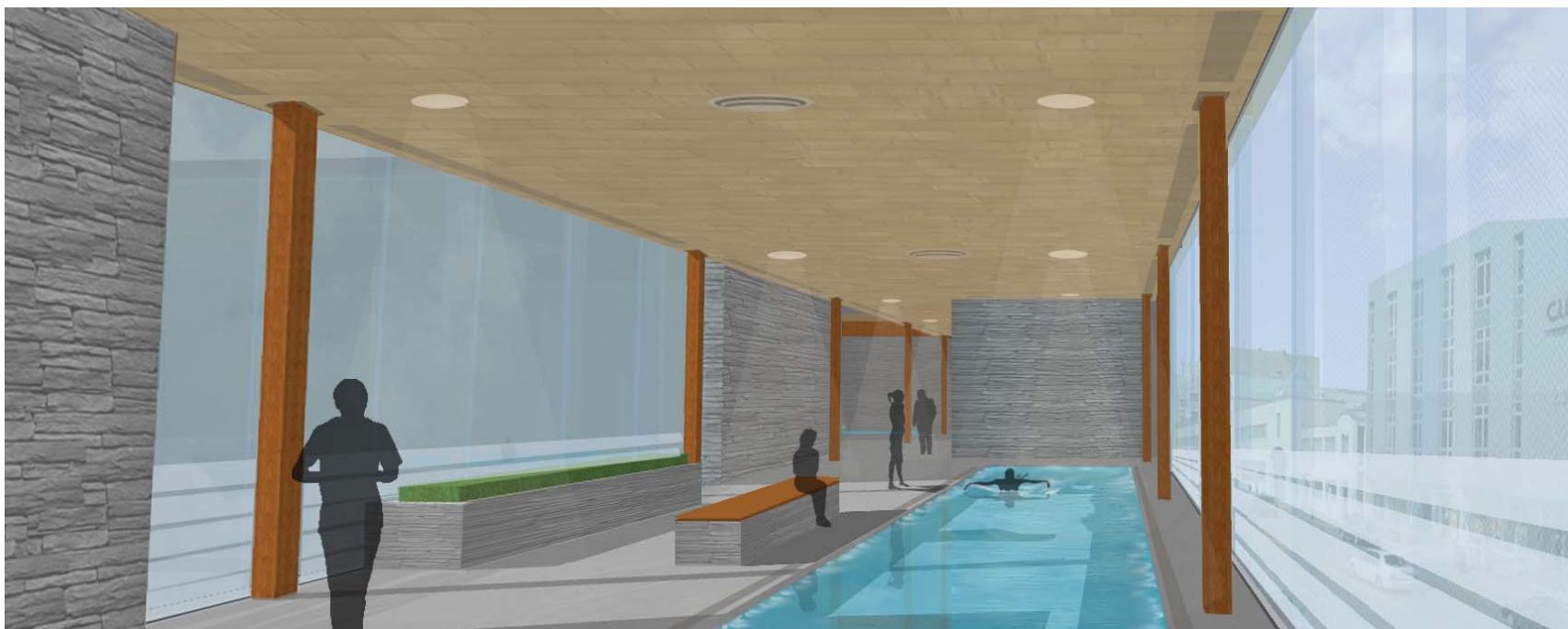
Bath Building Study Model



Water Recycling Diagram



Natural Pool Process Diagram



Lap Pool Perspective