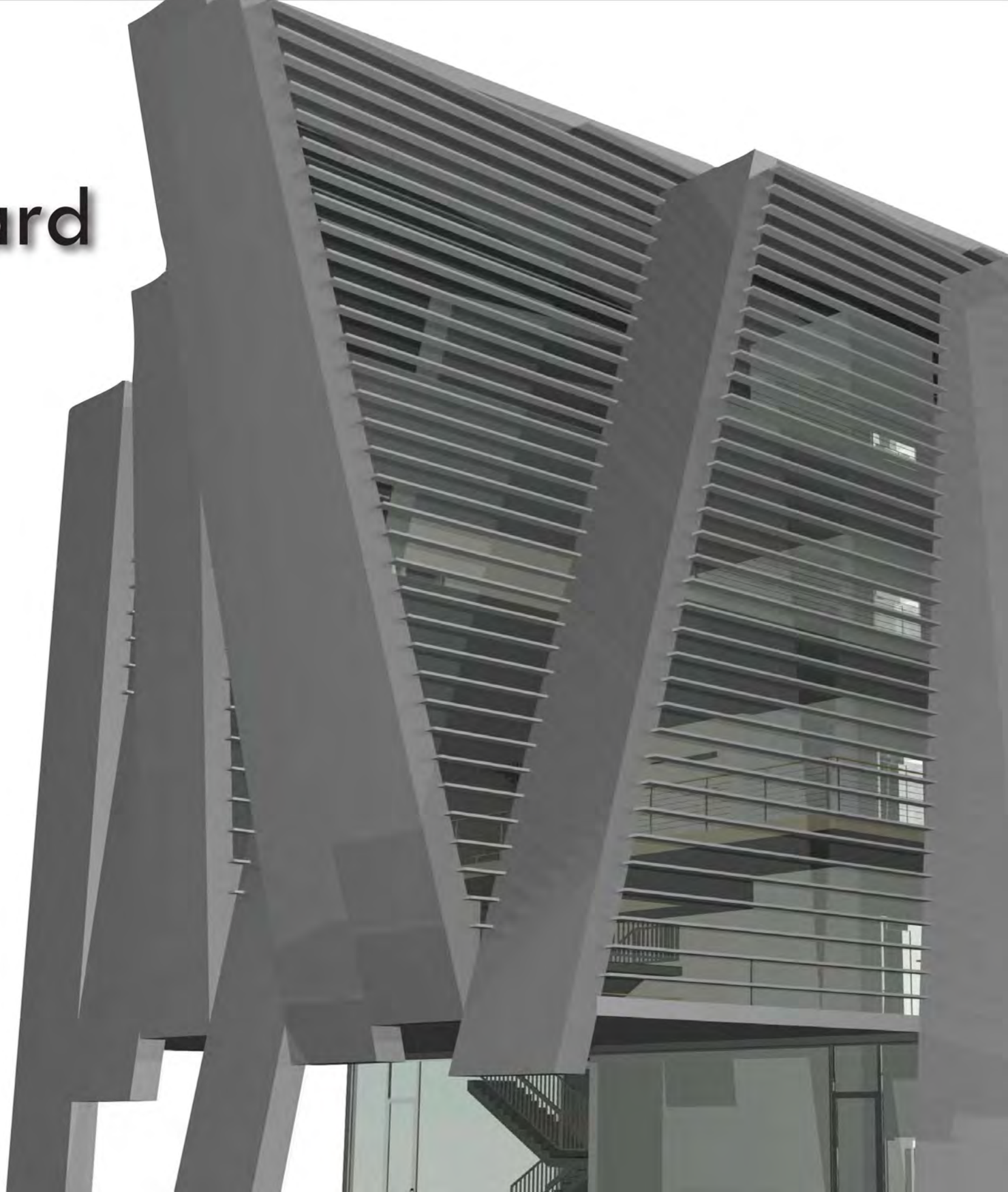
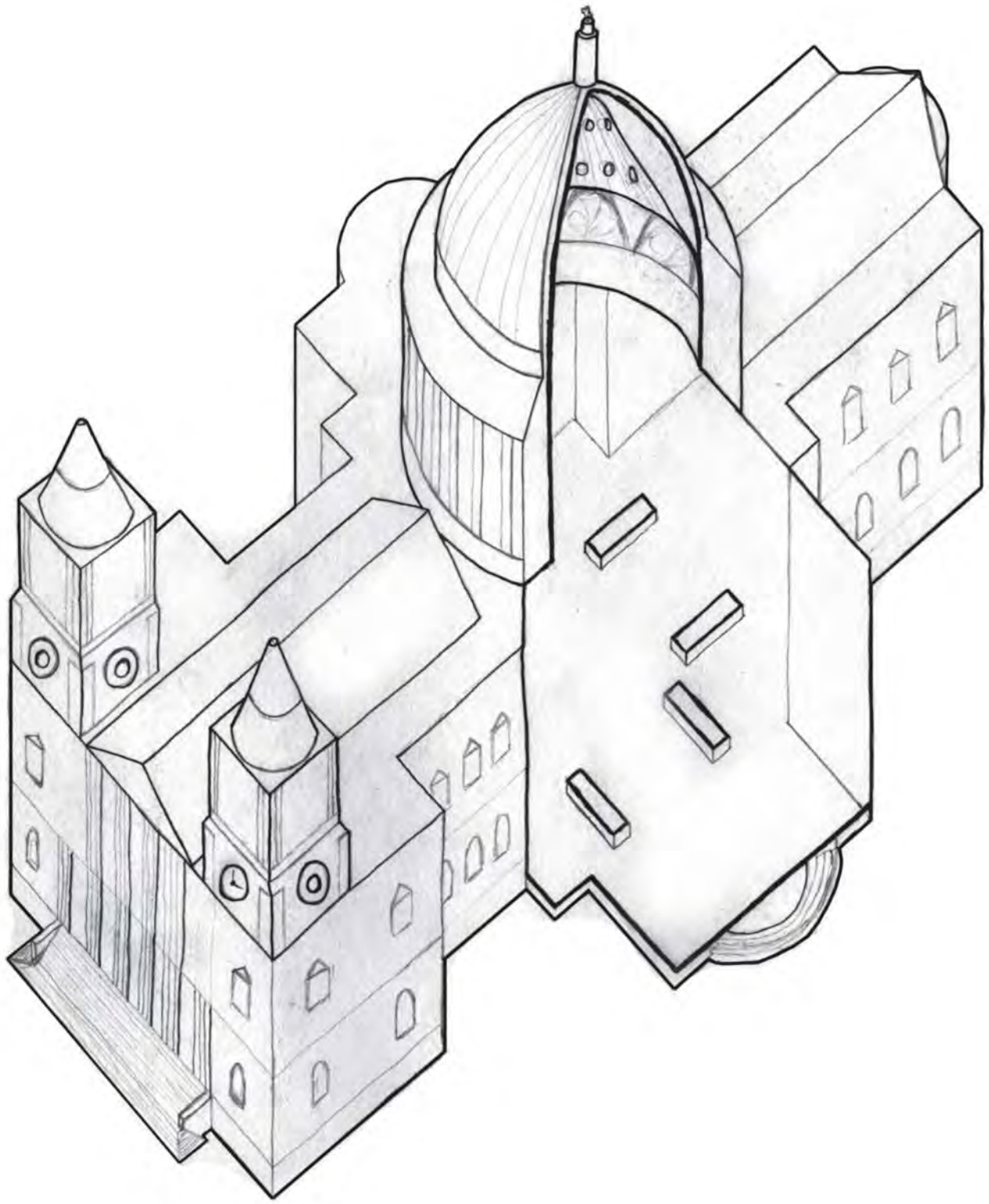
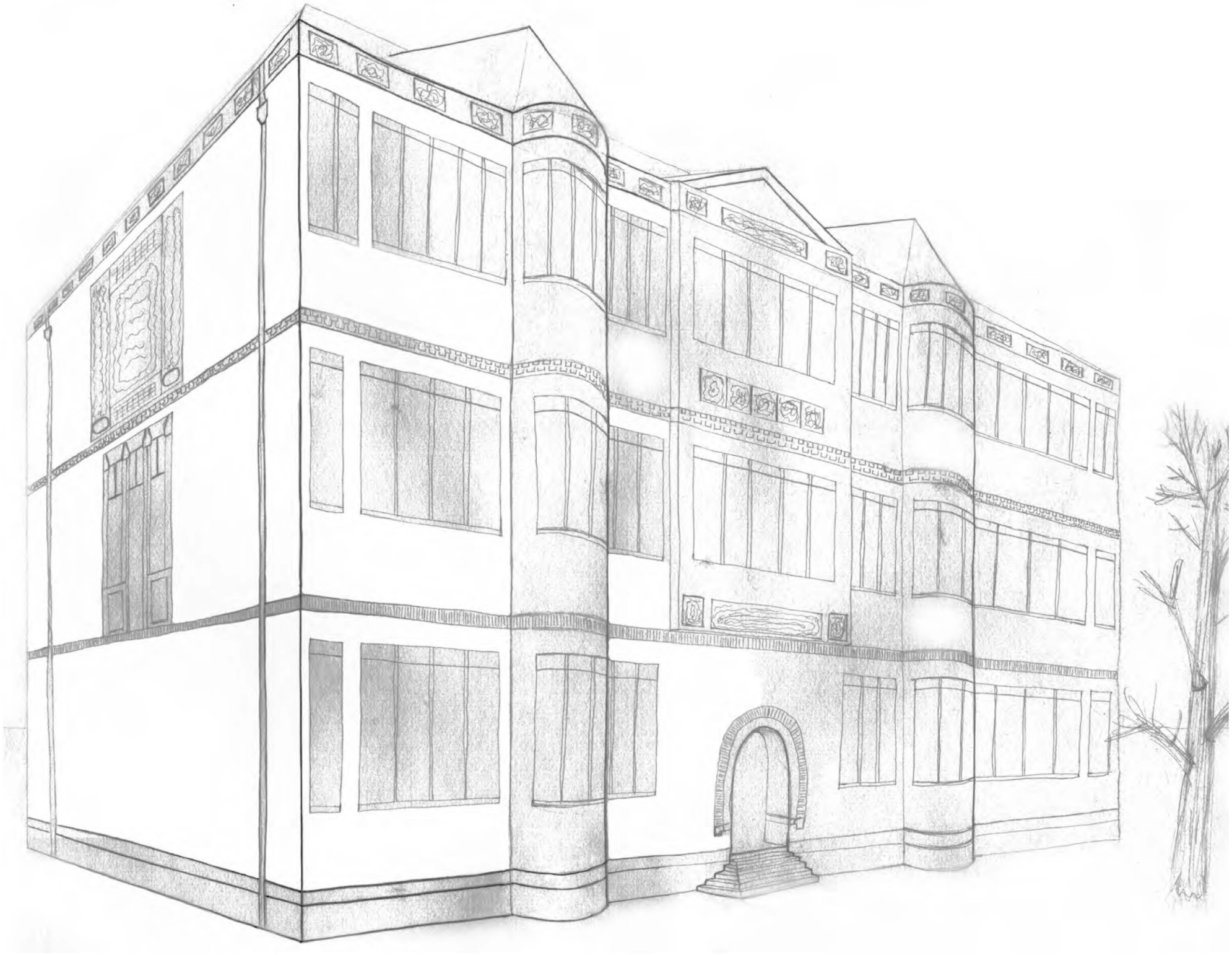
Ian Maynard
Architect





Hand Drawings

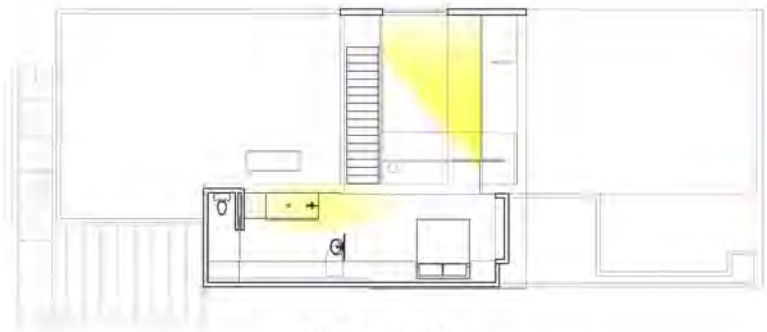
Drawing by hand is an essential part of the process to creating noteworthy architectural drawings. These images display a sectional axonometric of St. Paul's Cathedral in London, England, and a two point perspective of Sever Hall at Harvard University in Cambridge, Massachusetts.



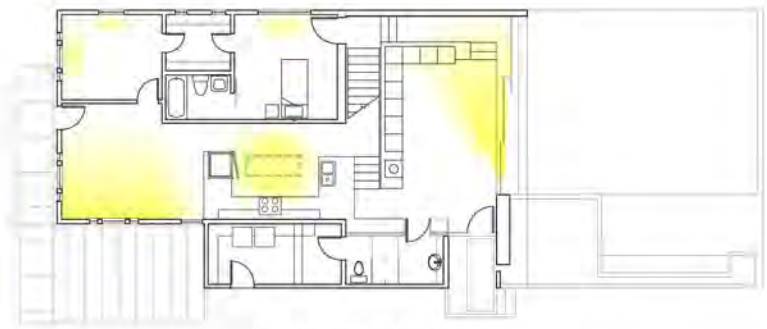
Ian Maynard

Solar Umbrella House

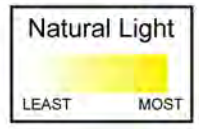
Lawrence Scarpa
Angela Brooks

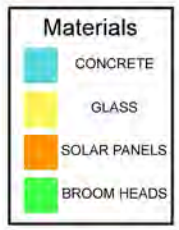


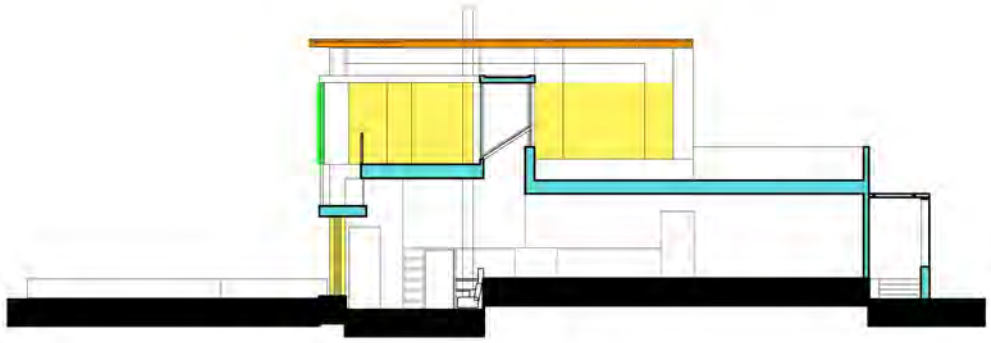
First Floor Plan



Ground Floor Plan







North Section

Precedent Study

Solar Umbrella House
Pugh + Scarpa Architects
Venice, California

Diagrammatic analysis of a pre-existing building in Venice, California led me to study natural lighting, materiality, privacy, circulation, and structural elements of the Solar Umbrella House. Built by Lawrence Scarpa and Angela Brooks, this residence is 100% energy neutral through the use of both passive and active solar design methods.

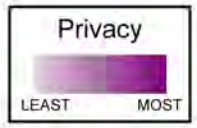
Ian Maynard

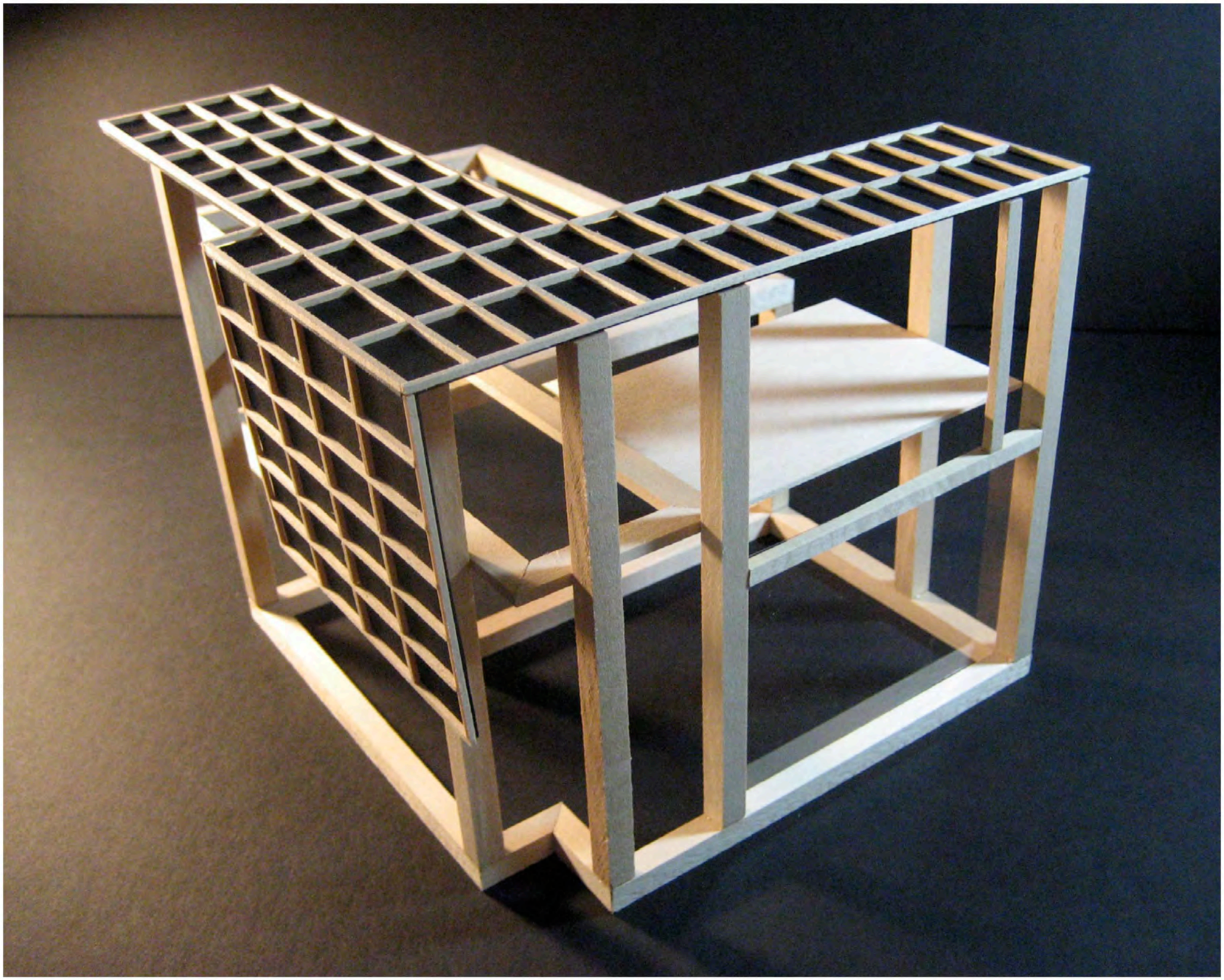
Solar Umbrella House

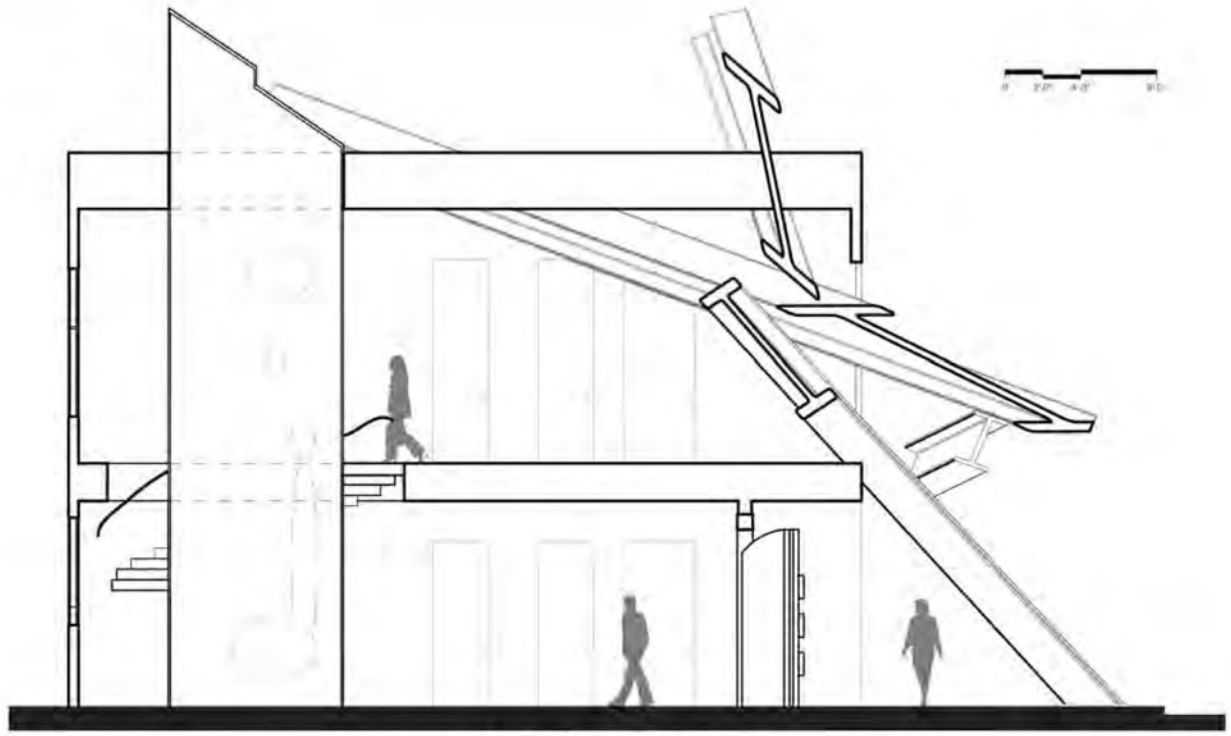
Lawrence Scarpa
Angela Brooks

First Floor Plan

Ground Floor Plan





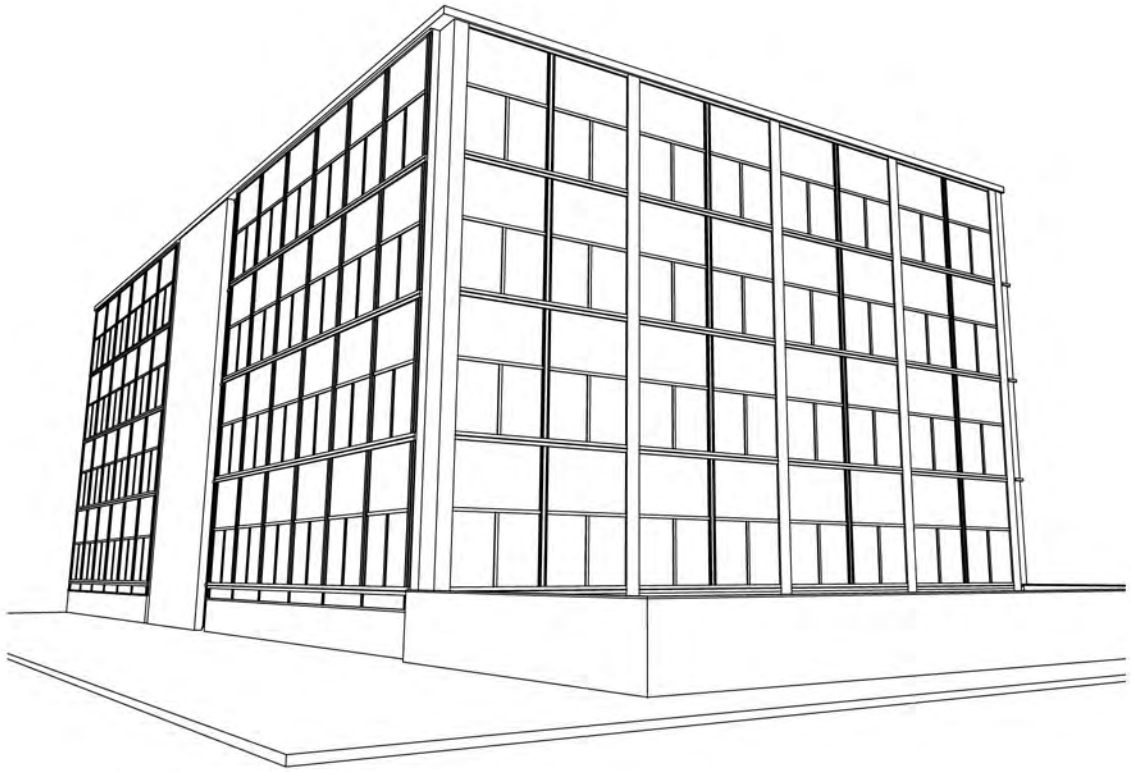


Left Side Section

Thresholds

Newbury Street

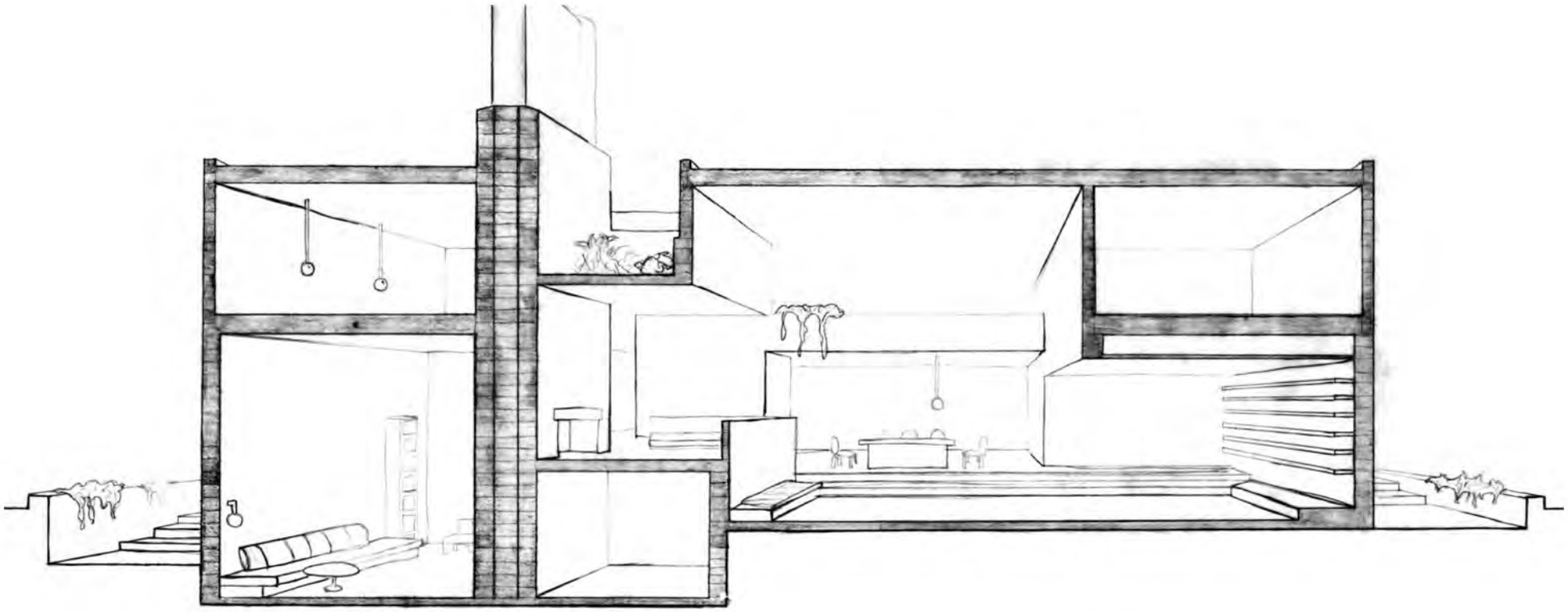
In an investigation of thresholds, both vertical and horizontal transitions were taken into consideration. The relationship between interior and exterior space and the connection between floors were the main focuses of this structure. Oriented to be a live/work space for a metal crafter, the thresholds were specifically tailored to fit his style.



Case Study

Yale University Art Gallery
Louis Kahn
New Haven, Connecticut

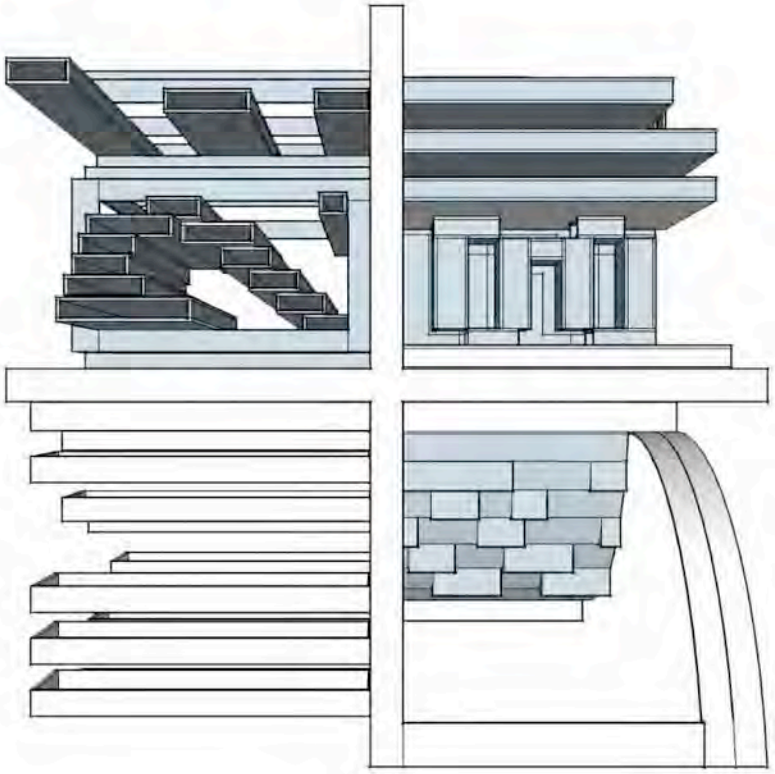
In an examination of one of Kahn's early designs at Yale University, I looked at some of his key architectural components. My main focus was his concept of materials and their use throughout the building.

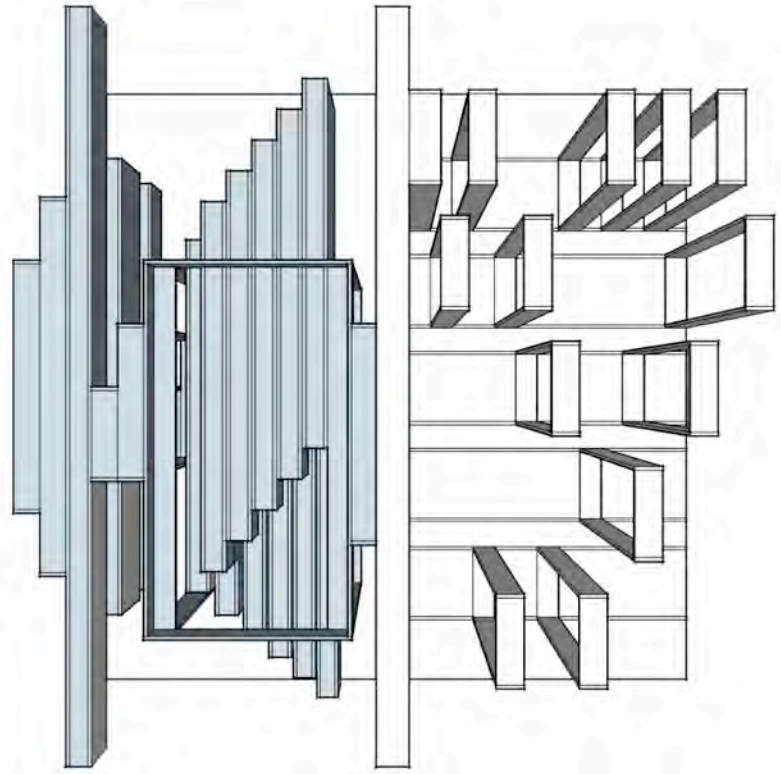


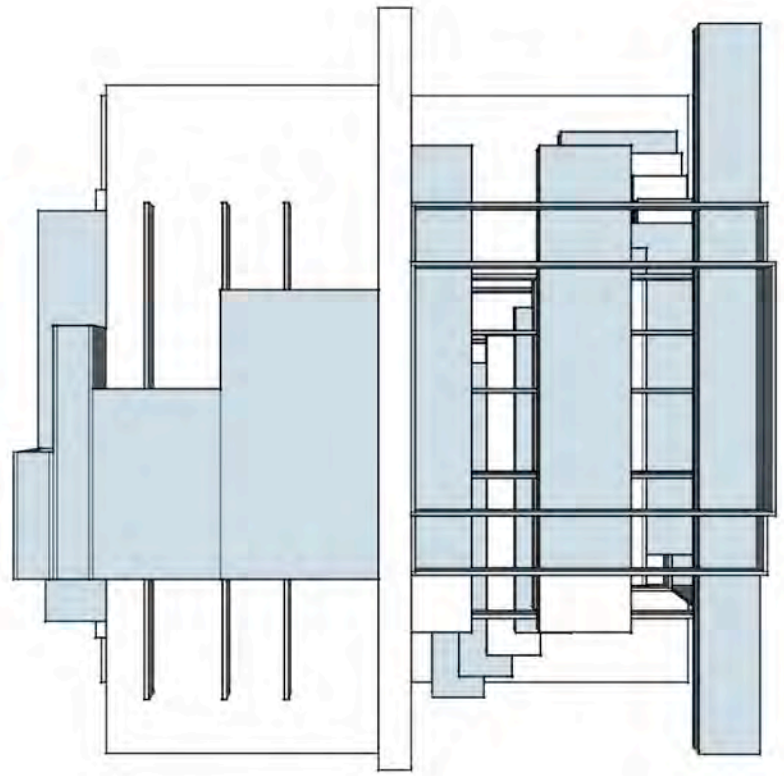
Precedent Study

Milam Residence
Paul Rudolf
Ponte Vedra, Florida

Through an analysis of a structure by Paul Rudolf in Florida, I was able to develop a deeper understanding of the building. The principal scheme of the Milam Residence is the idea of spatial organization between the interior and exterior forms. A sectional perspective helps to illustrate that idea.

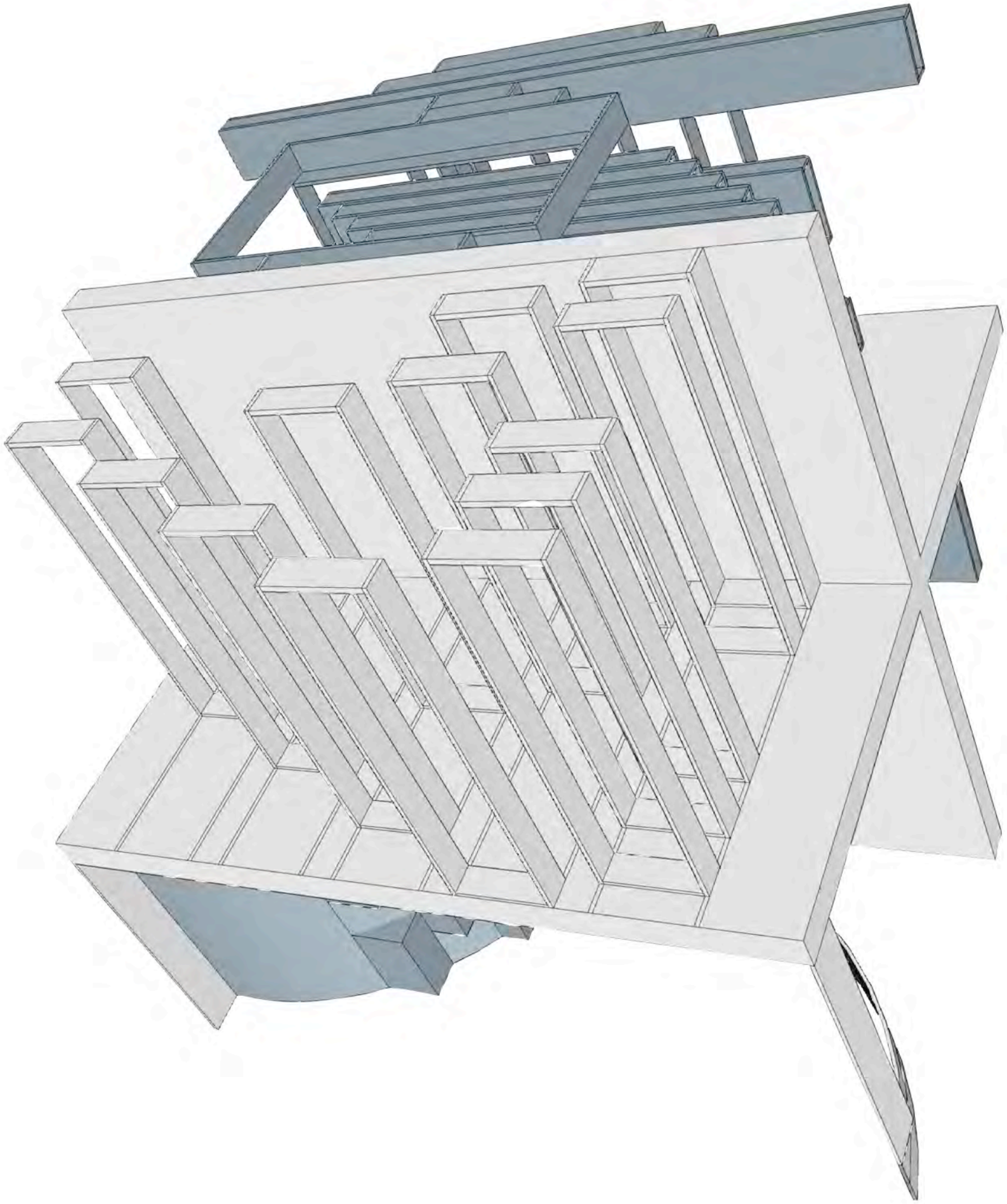


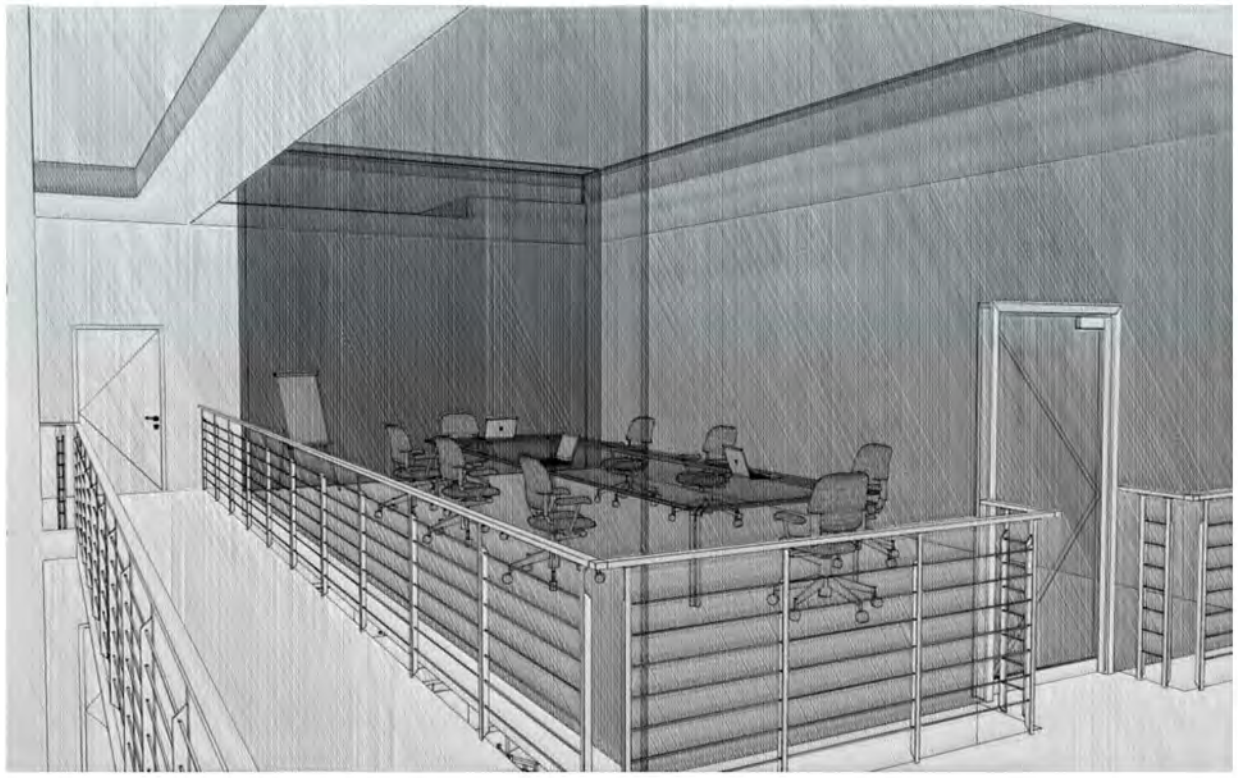




Gees Bend Quilt

Initially given a photograph of an intricately hand-stitched quilt, I was tasked with finding the structure hidden beneath its planar surface. I made sure to pull the quilt into the third dimension while still maintaining its original overhead pattern and overall design qualities.

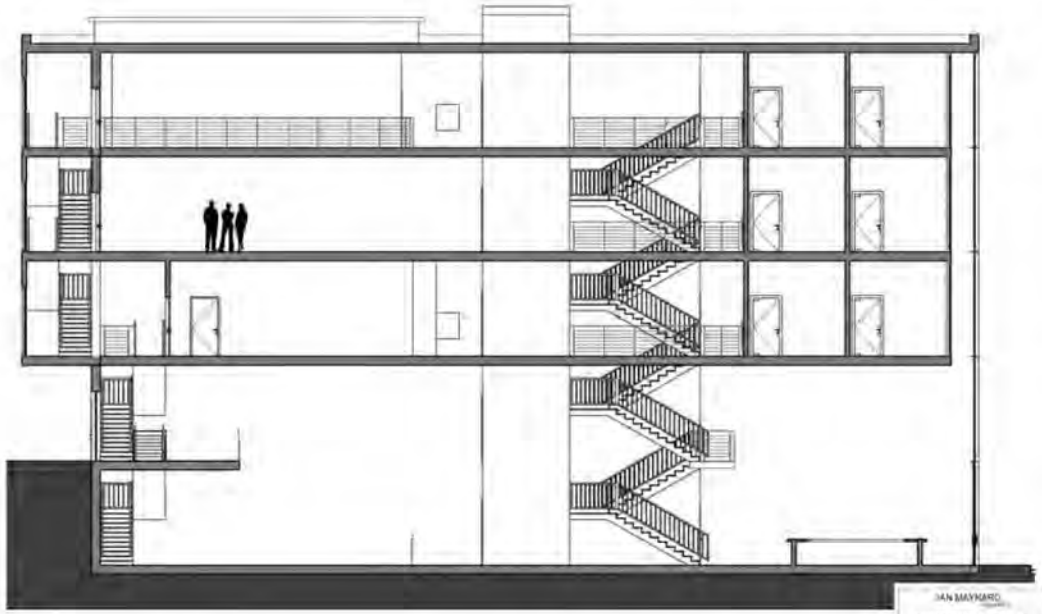




IDEO Work Space

Newbury Street

Charged with creating a workspace for leading industrial design company, IDEO, I was able to generate an architectural piece that would best suit their needs, as well as encourage interaction between designers. The workspace reflects the company's creative culture through its unique spaces and playful design.



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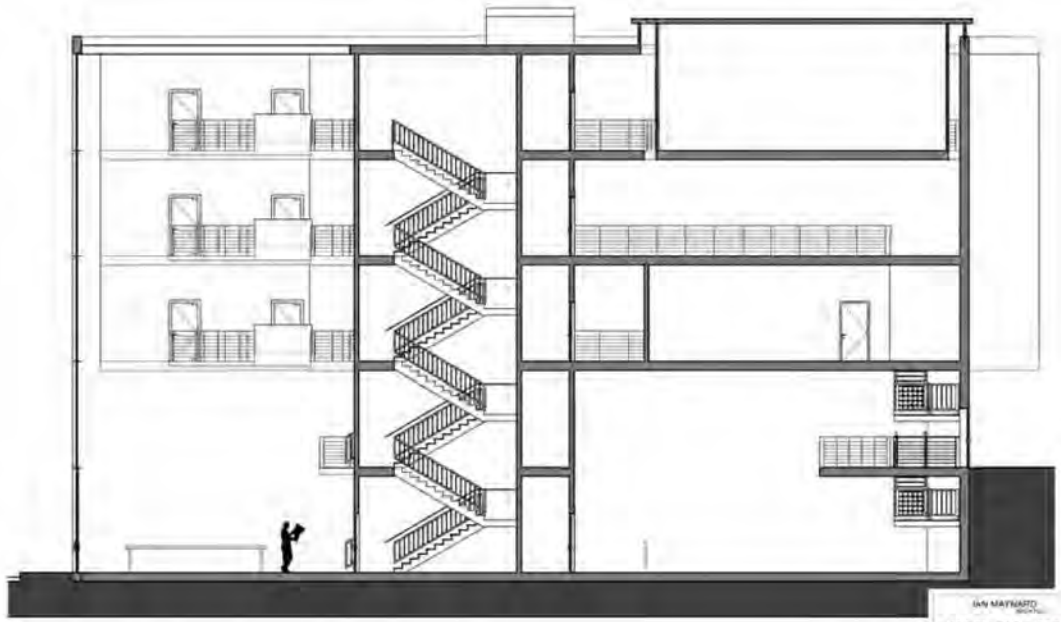
A-304
EAST - WEST SECTION
SCALE: 1/8" = 1'-0"

IAN MAYNARD
ARCHITECT
ASSIGNMENT 4: IDEO
East - West Section 1
A3.4



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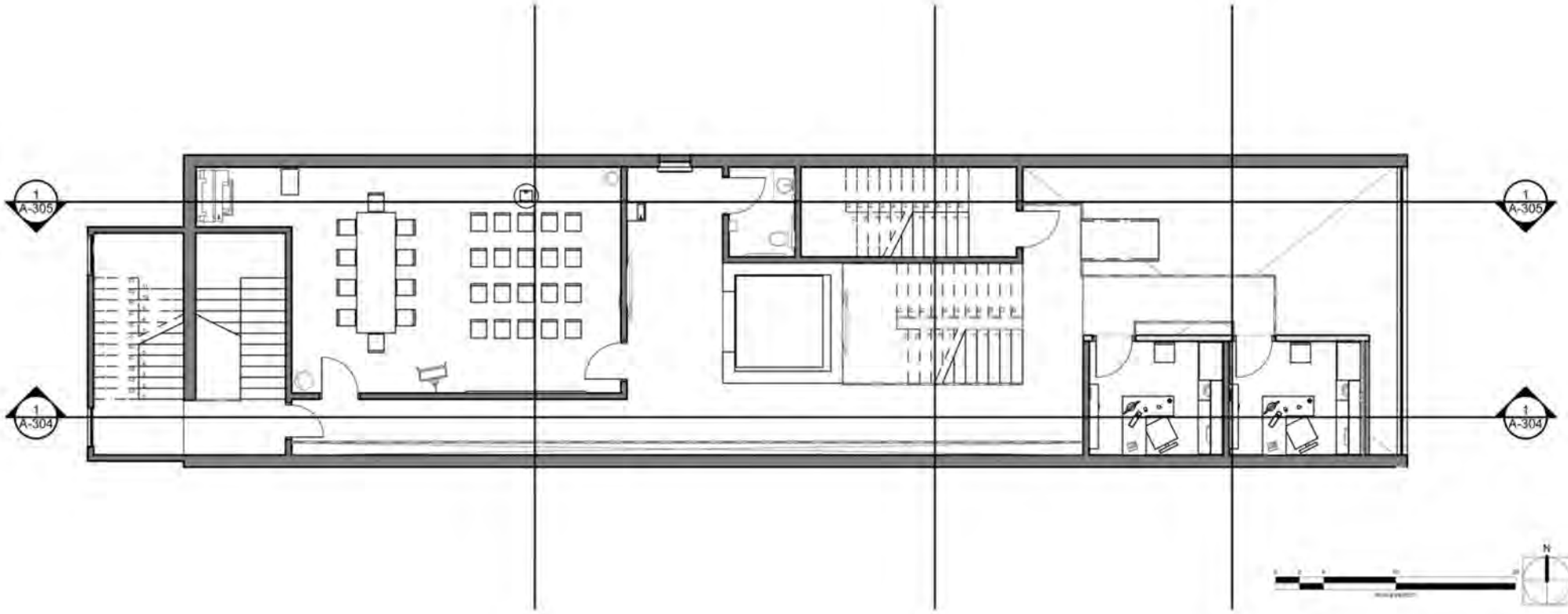
IAN MAYNARD
ARCHITECT
ASSIGNMENT 4: IDEO
East - West Section 2
A3.5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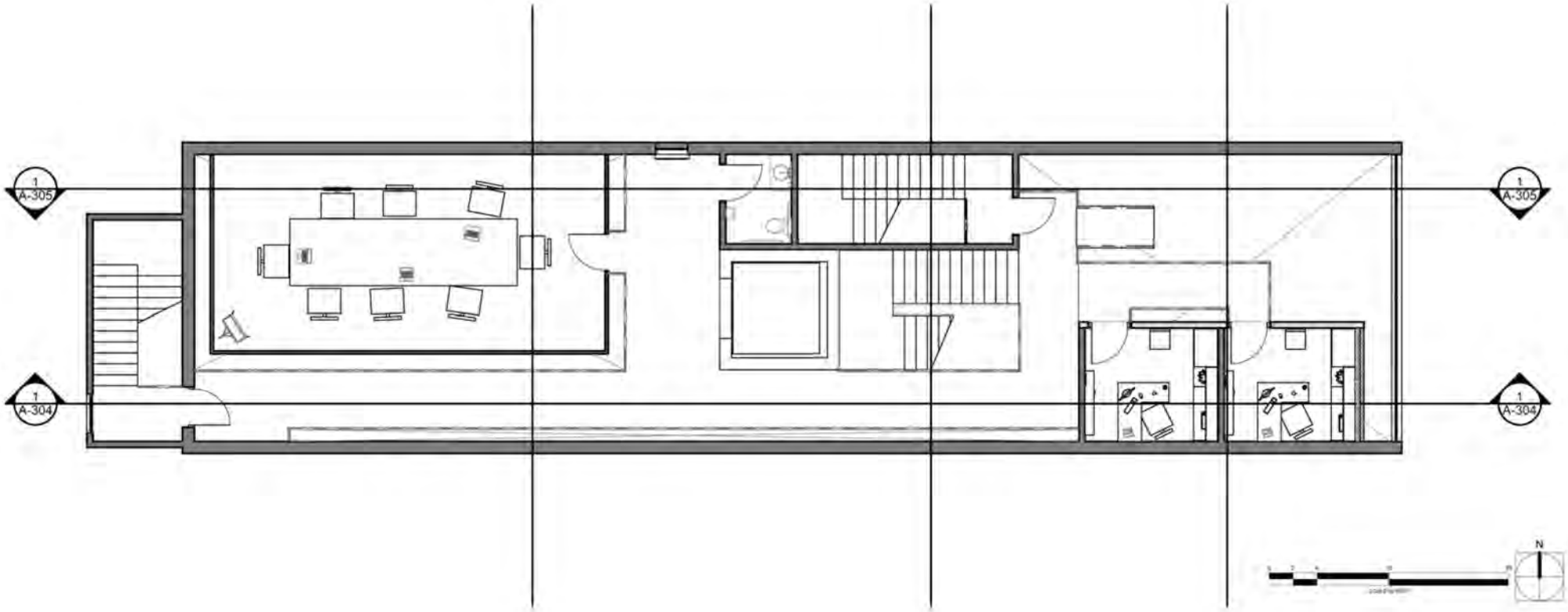
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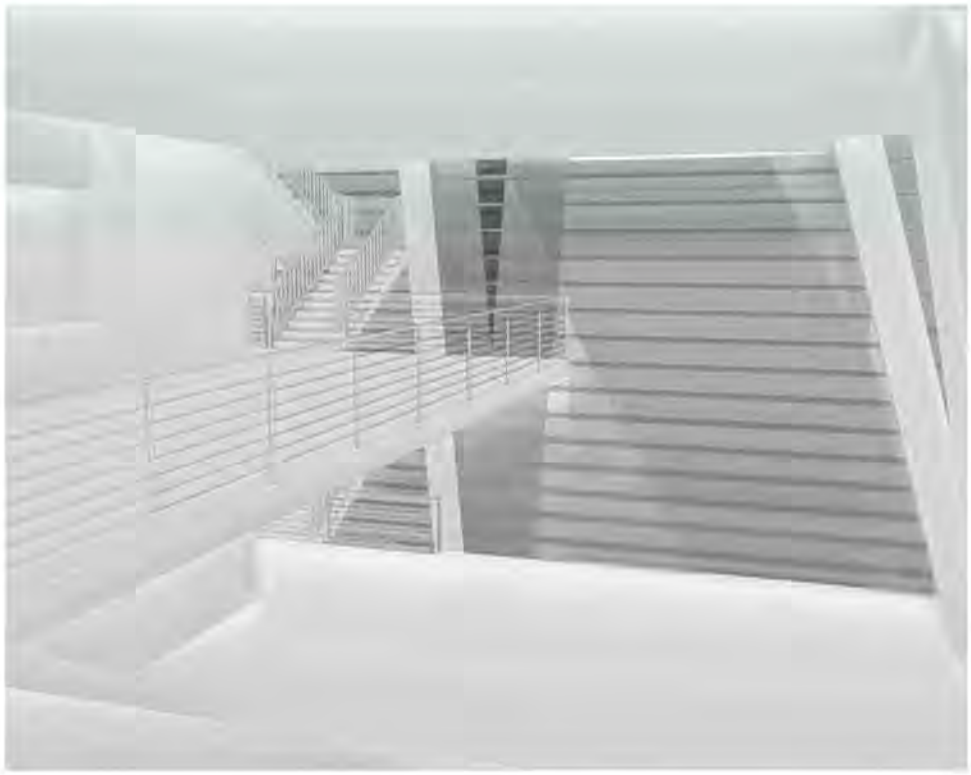
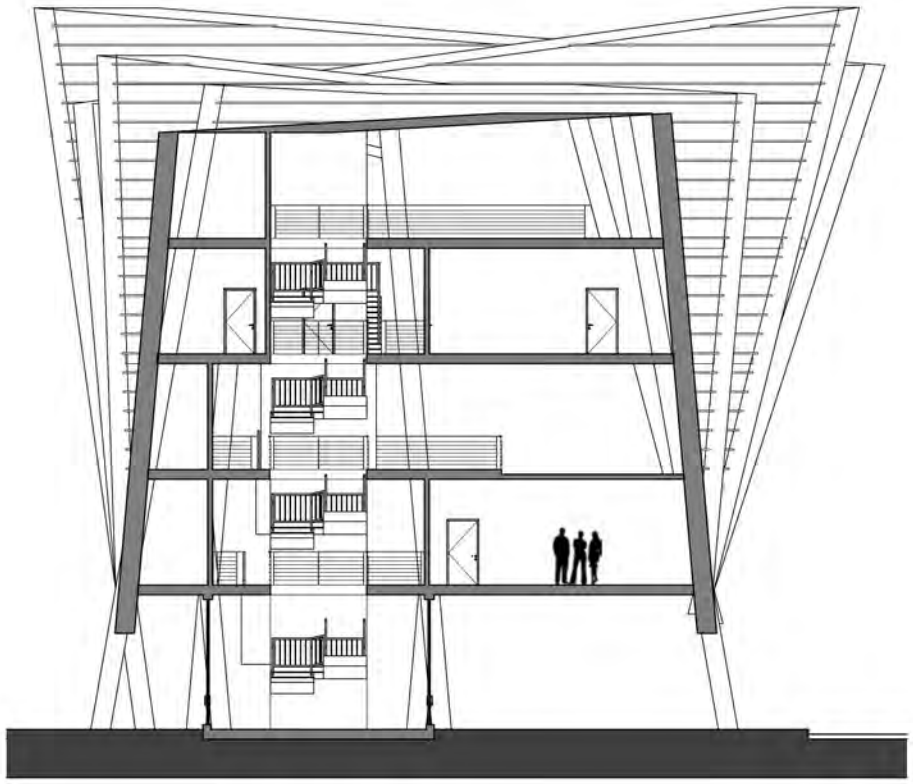
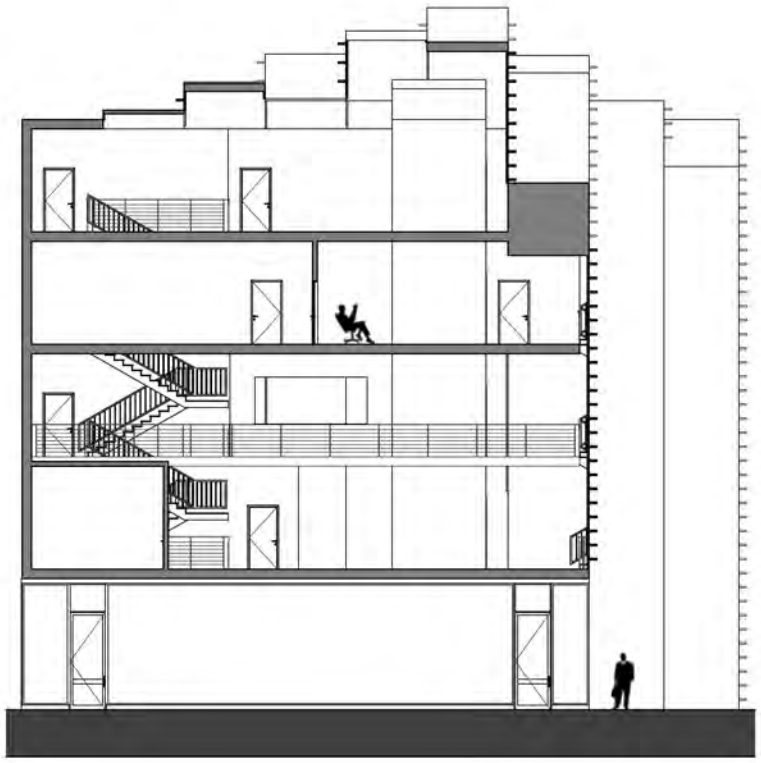


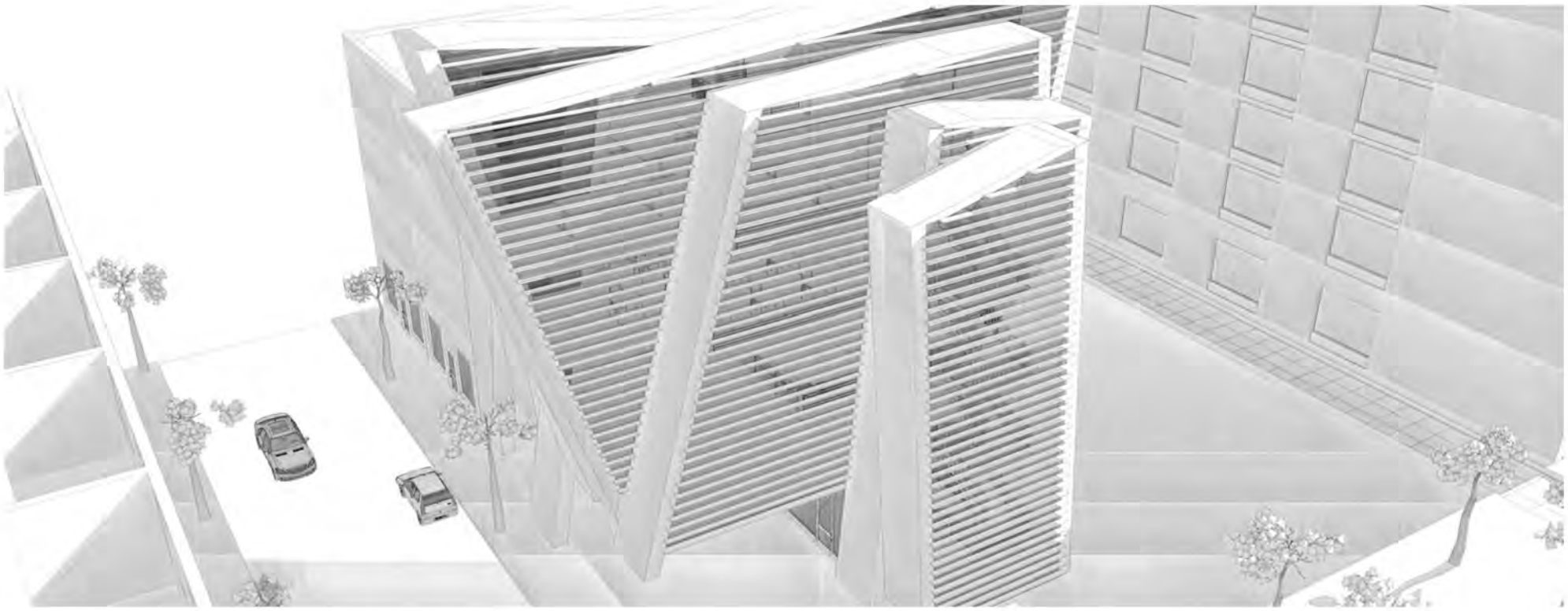


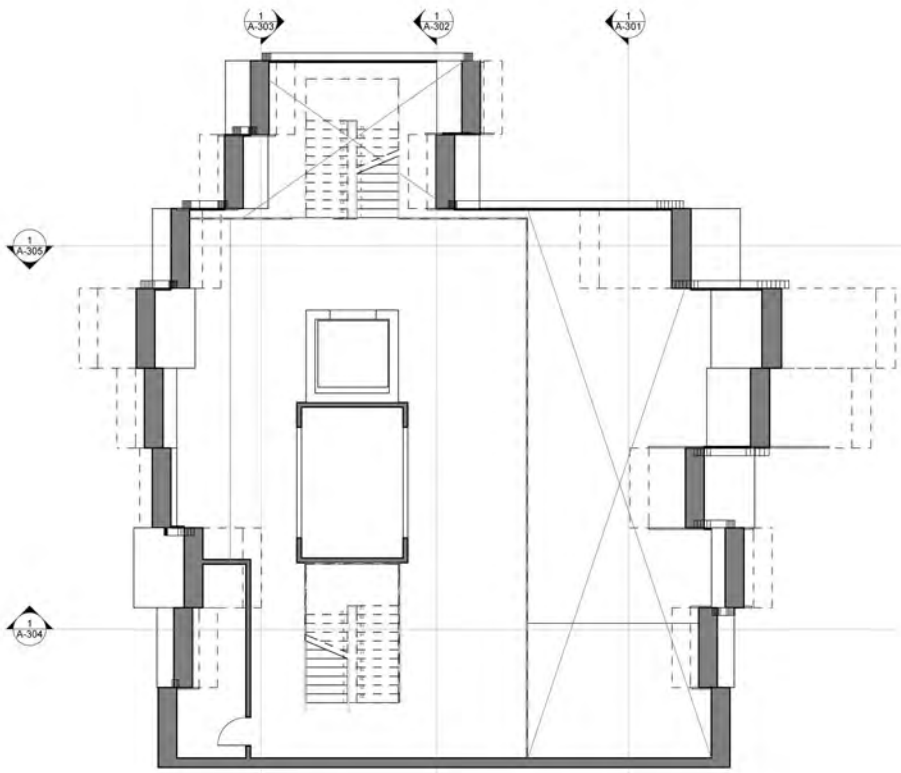


Maison Couture

Newbury Street

Conceived for the famous French fashion designer, Jean-Paul Gaultier, this piece was meant to serve as a retail store on the first floor, and work spaces on the floors above. Taking into account the corner site location, I was able to open up the northeast facade by using large amounts glass, which was perfect for people out on the street to catch a glimpse of the inner-workings of the building.

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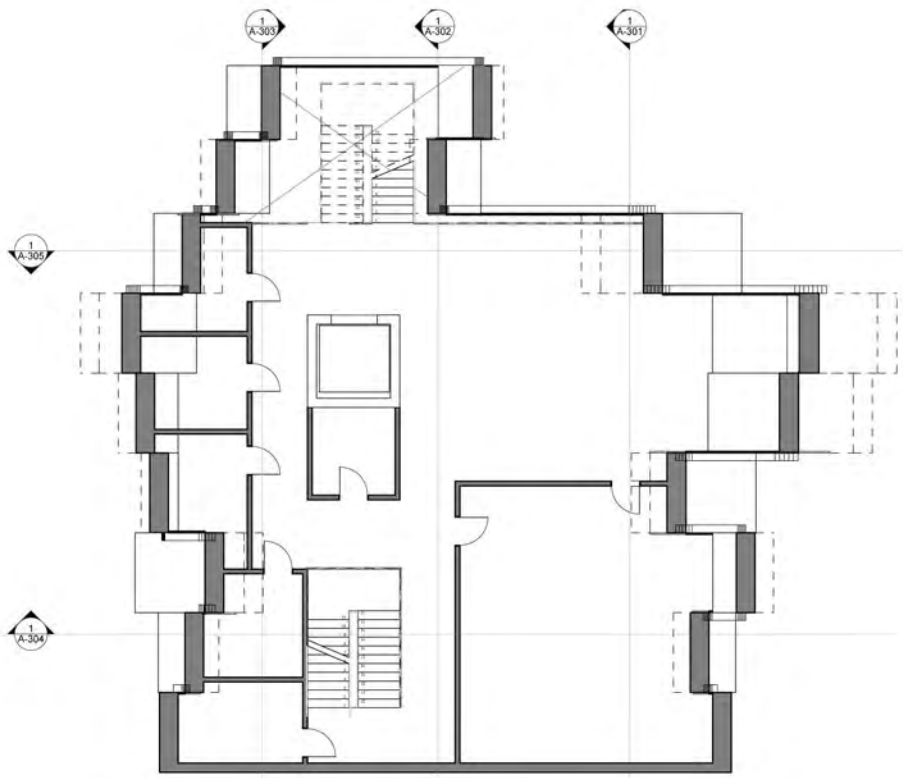
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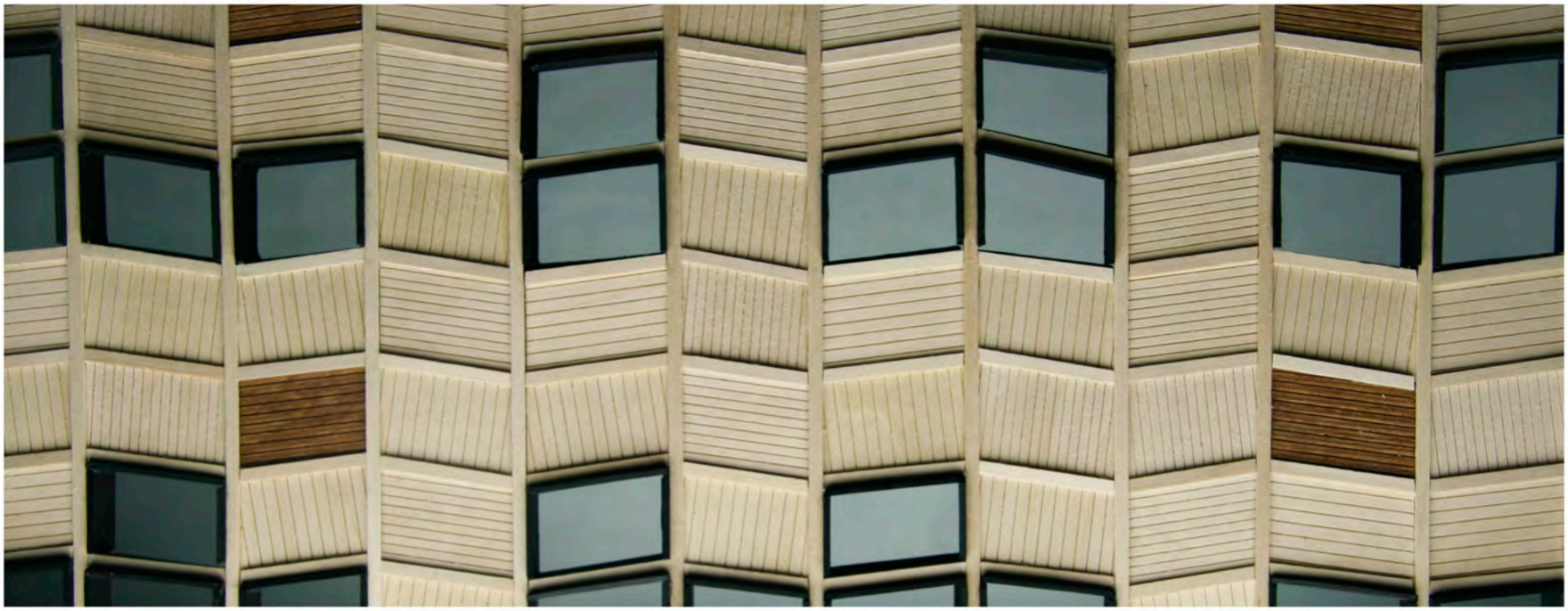
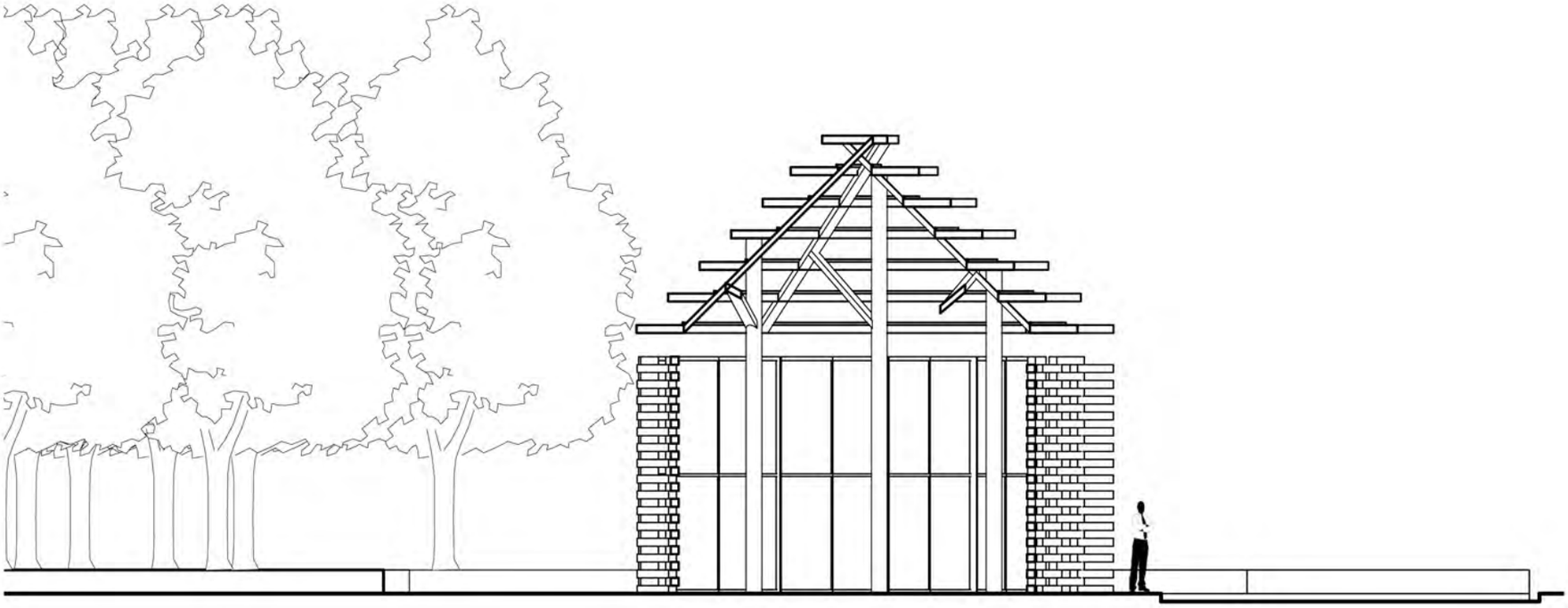
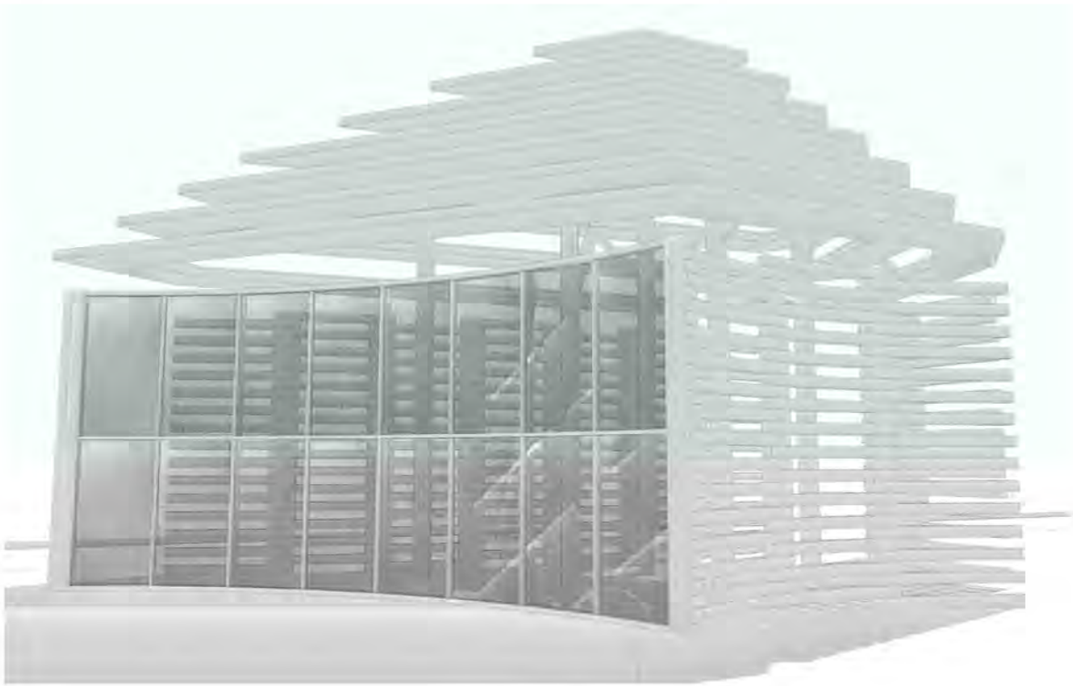


Precedent Study

RMIT Textile Facility
H20 Architects
Melbourne, Australia

This project is significant due to its use of timber panels as the façade material. The western red cedar façade creates an individual appearance that changes with varying light conditions reminiscent of the woven fabric produced by the textile building users. This study was meant to provide a deeper look into the tectonics and structure of the building.

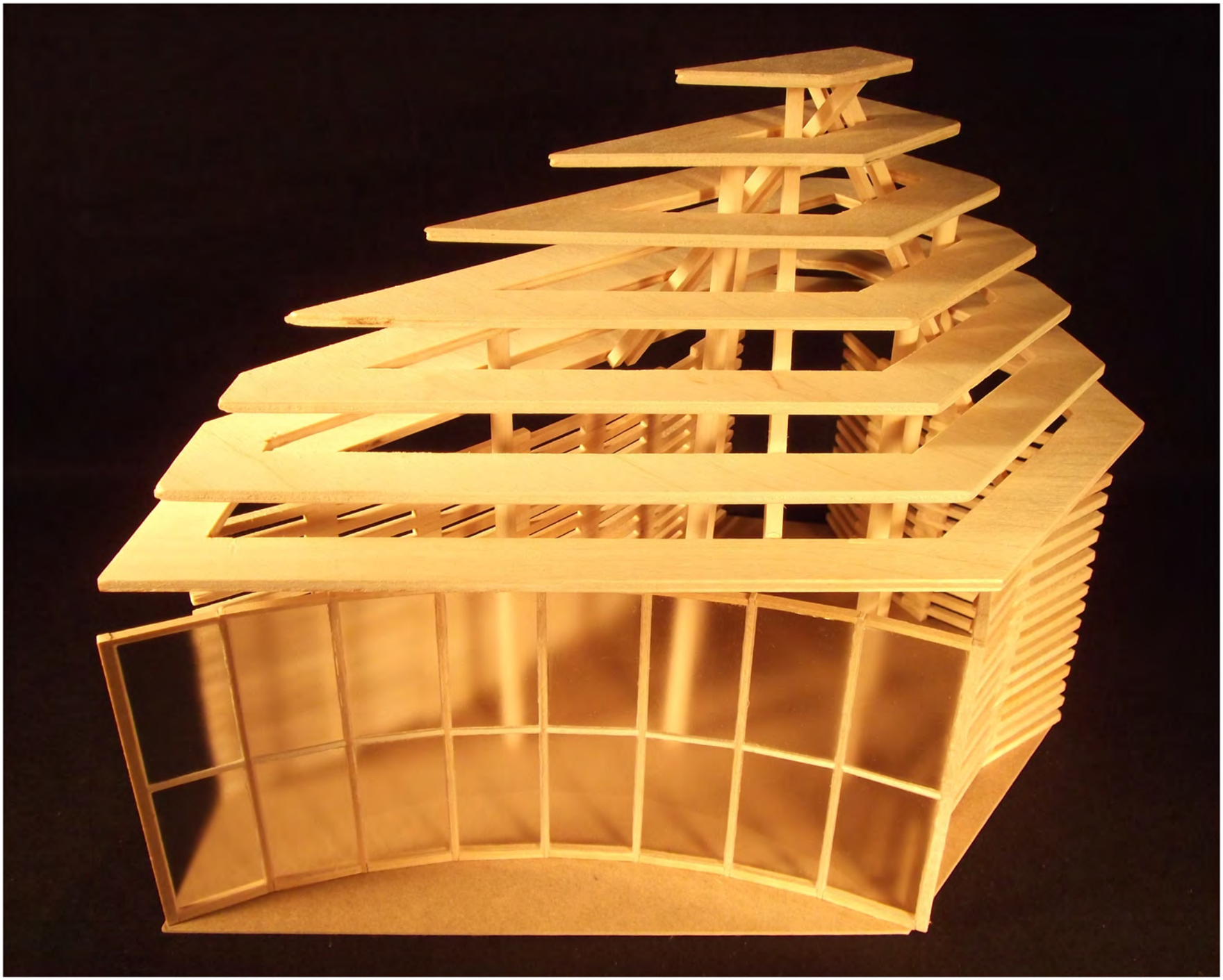


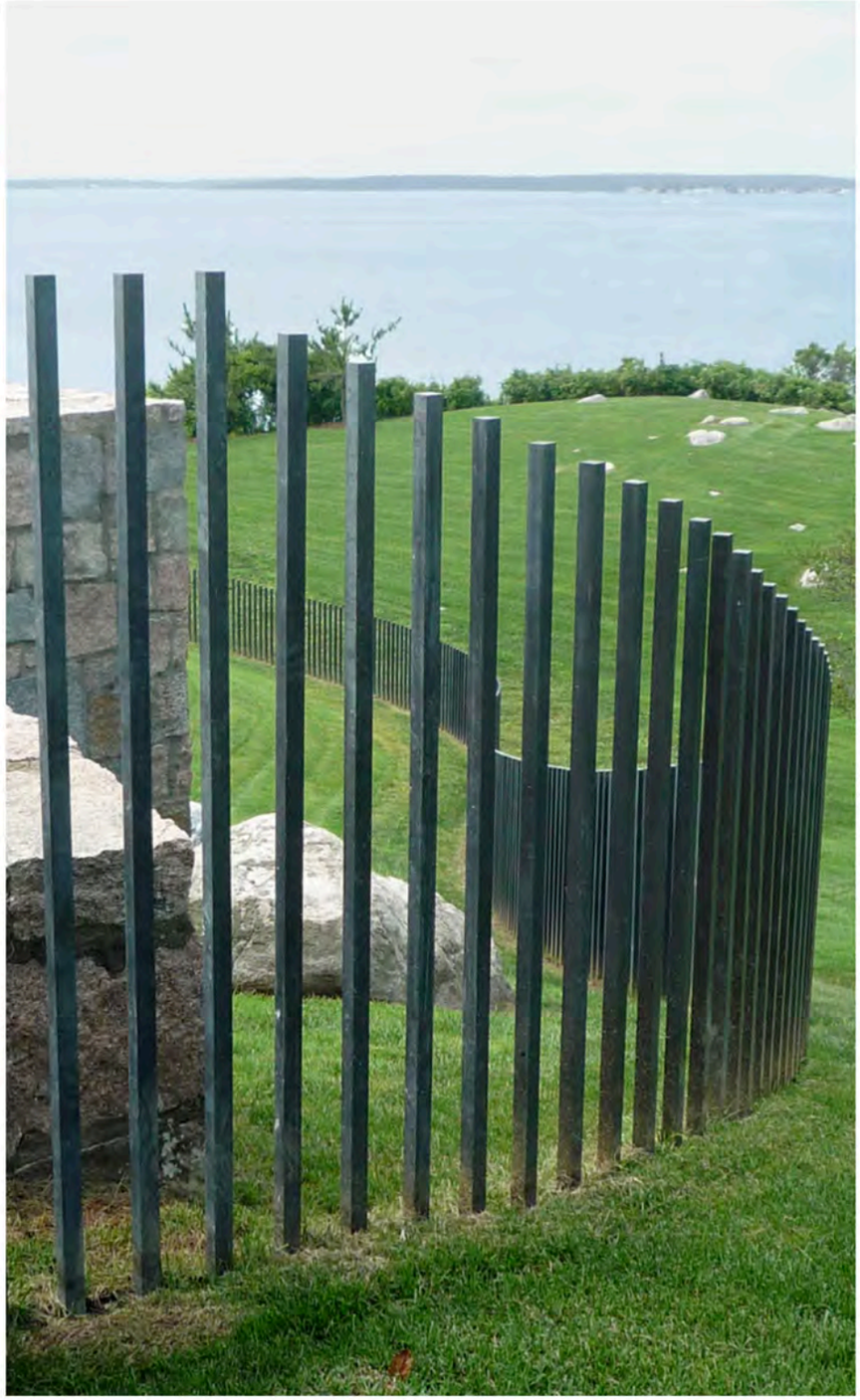


Point Park Bicycle Pavilion

Cambridge, Massachusetts

This project involved designing a public park pavilion that would serve as base of operations for a small bike rental shop. I focused heavily on site analysis, allowing the existing conditions to inform the design and structure of my building. With ties to the circular shape of the site, the surrounding trees, most used circulation paths, and site furniture, I was able to capture the true essence of a built space while adding a stand-out spectacular addition.





Pool Fence
Winner of AIA CT 2011 Design Award for Architecture: The Encompassing Art

Laura Kaehler Architects
Fishers Island, New York

During my internship at LKA, I was placed in charge of a project to create a fencing structure around a pool on the water's edge in Long Island. Working closely with Cape Cod Fabrications, we were able to come up with a unique system that would provide the protection afforded by a fence, while not diminishing from the views out over the Sound by blending into the landscape.

Ian Maynard

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