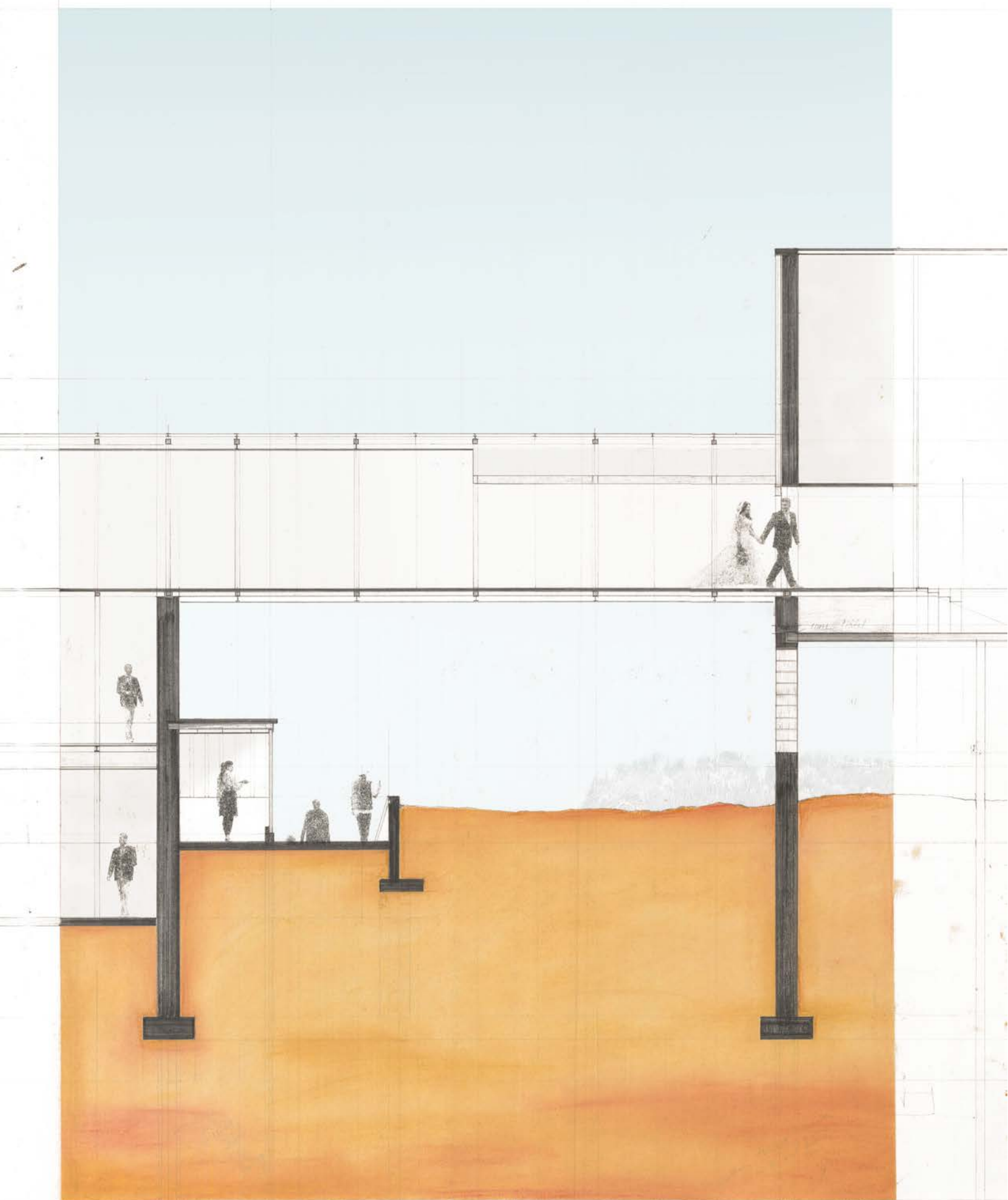


John Chamberlain

Undergraduate Portfolio
2015-2019



John Chamberlain

email
phone
address

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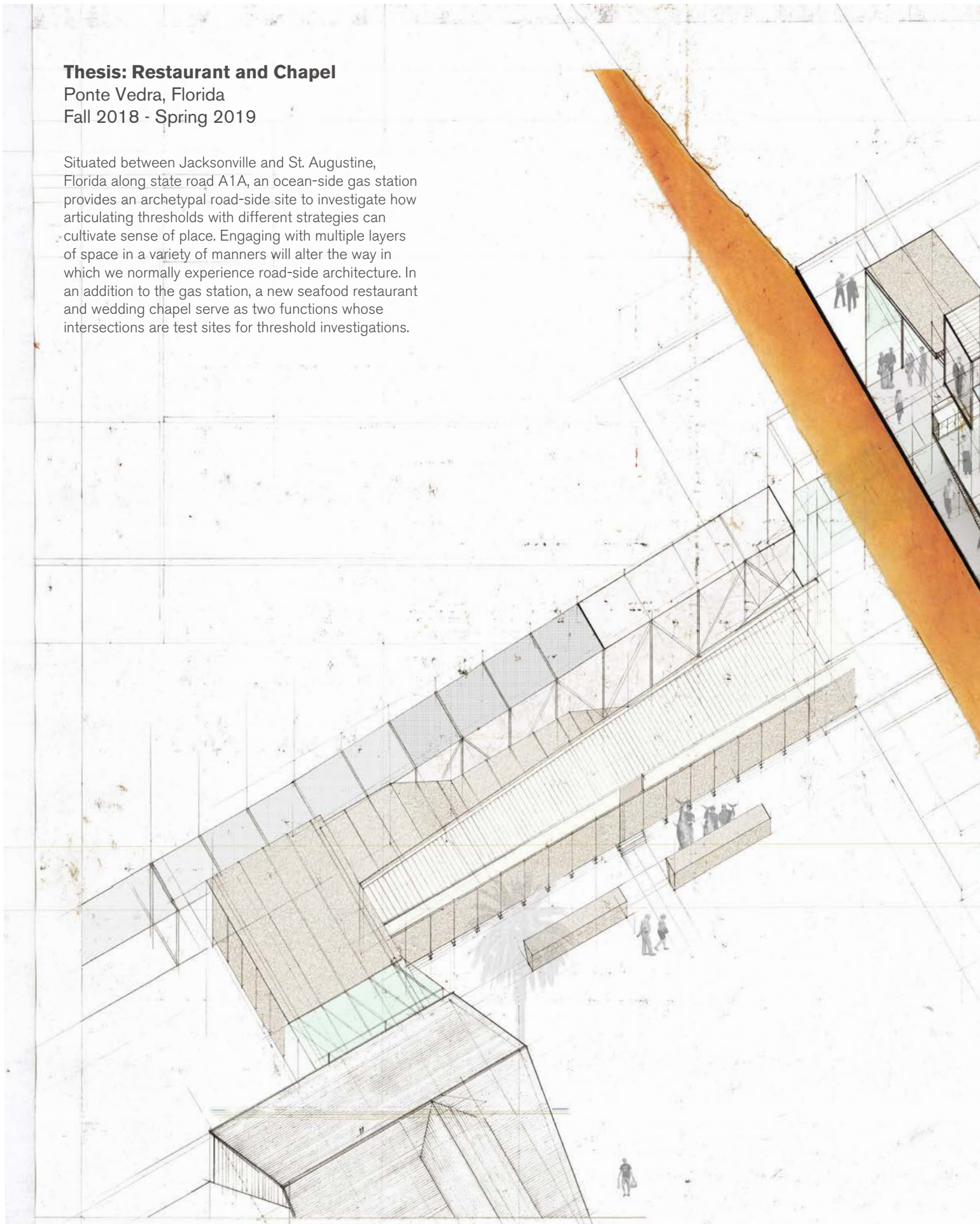
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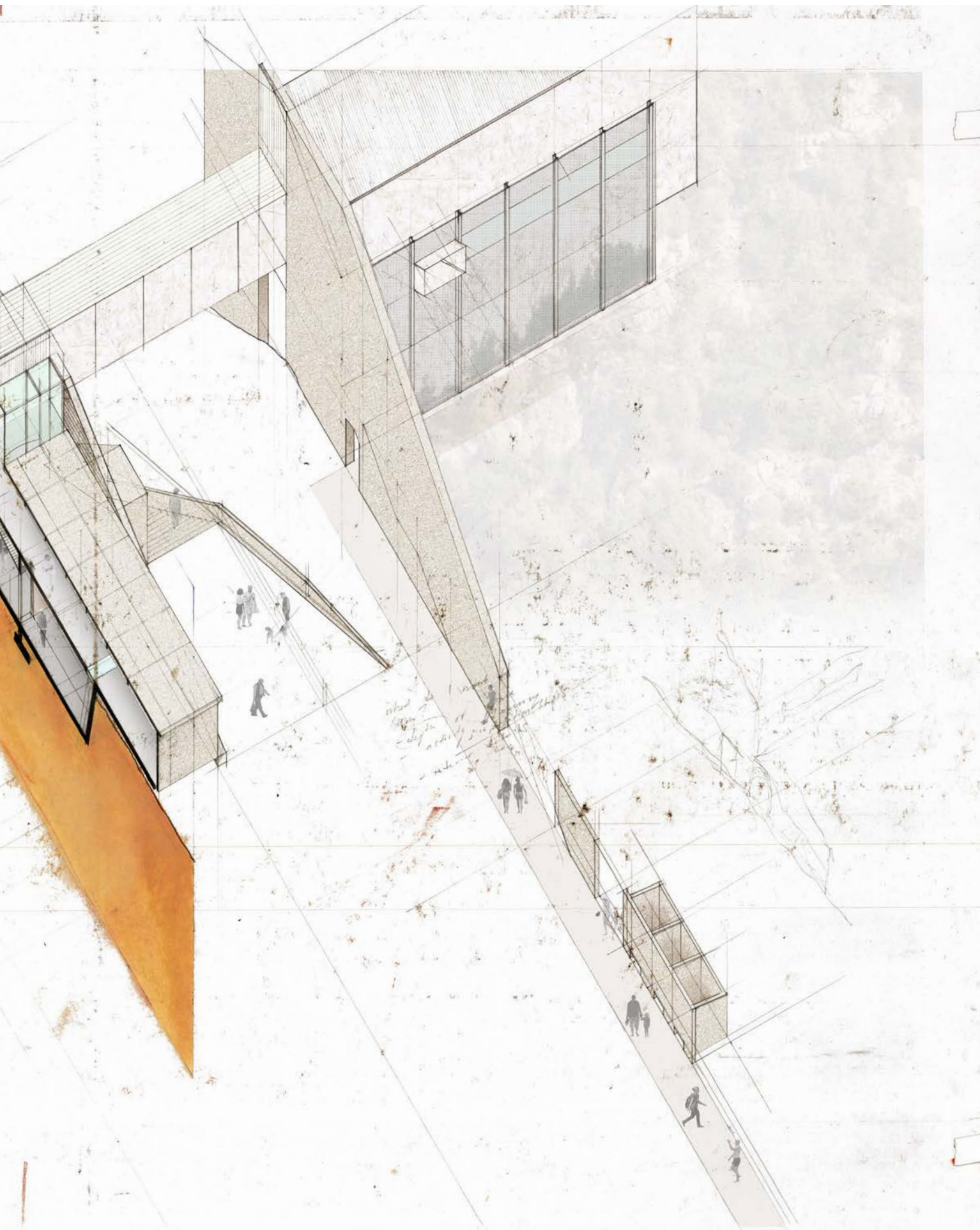
Thesis: Restaurant and Chapel

Ponte Vedra, Florida

Fall 2018 - Spring 2019

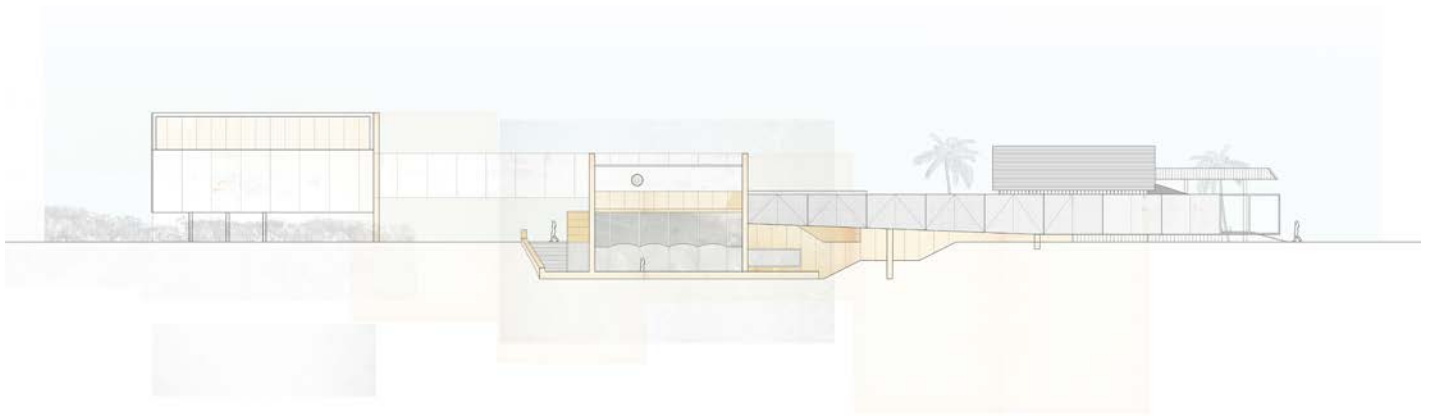
Situated between Jacksonville and St. Augustine, Florida along state road A1A, an ocean-side gas station provides an archetypal road-side site to investigate how articulating thresholds with different strategies can cultivate sense of place. Engaging with multiple layers of space in a variety of manners will alter the way in which we normally experience road-side architecture. In an addition to the gas station, a new seafood restaurant and wedding chapel serve as two functions whose intersections are test sites for threshold investigations.







east elevation



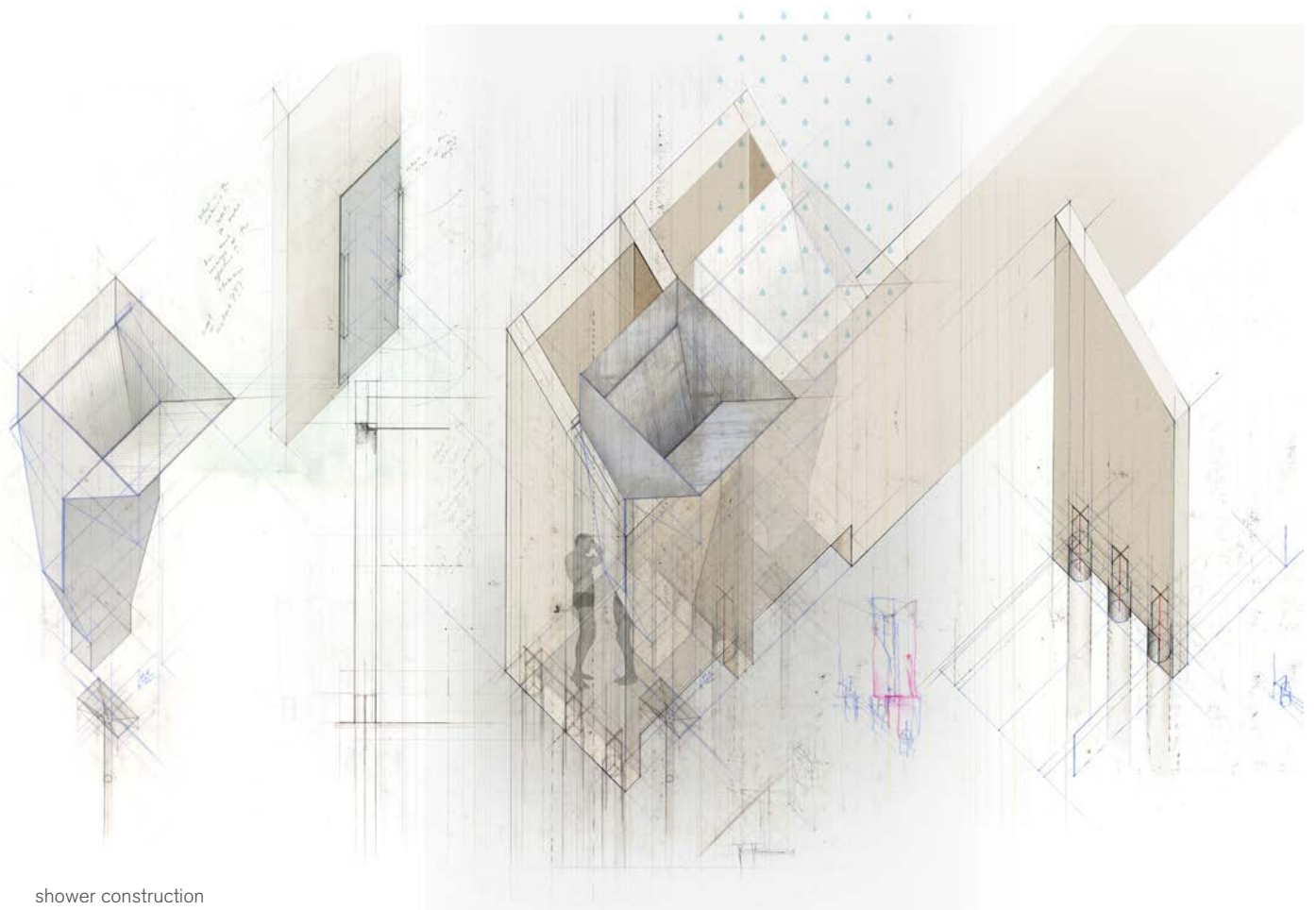
west elevation



south elevation



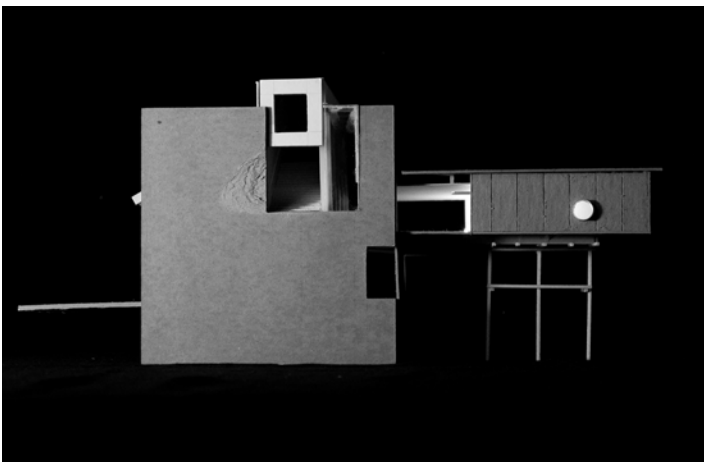
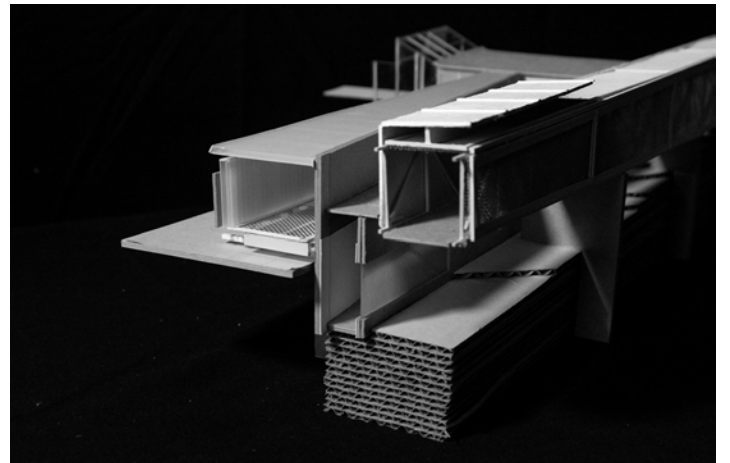
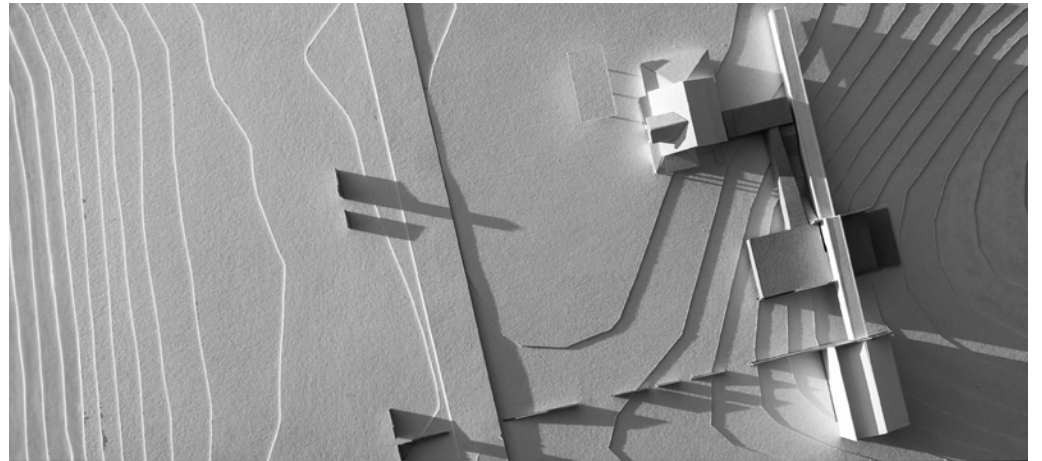
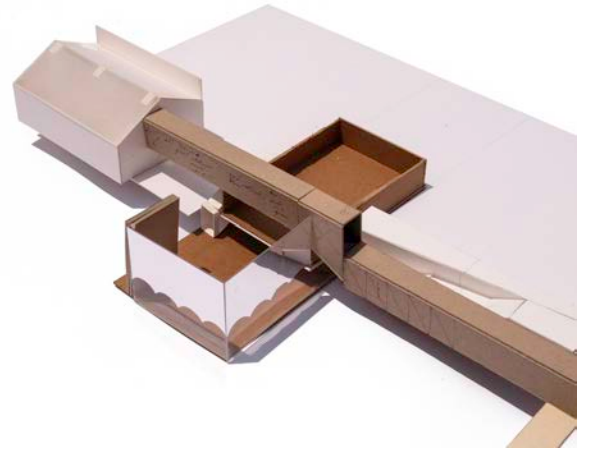
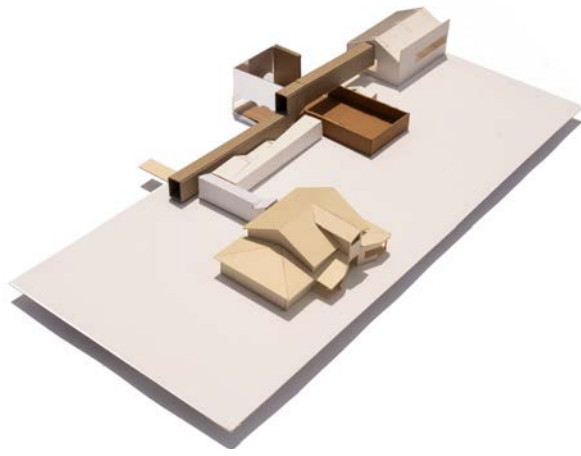
north elevation



shower construction



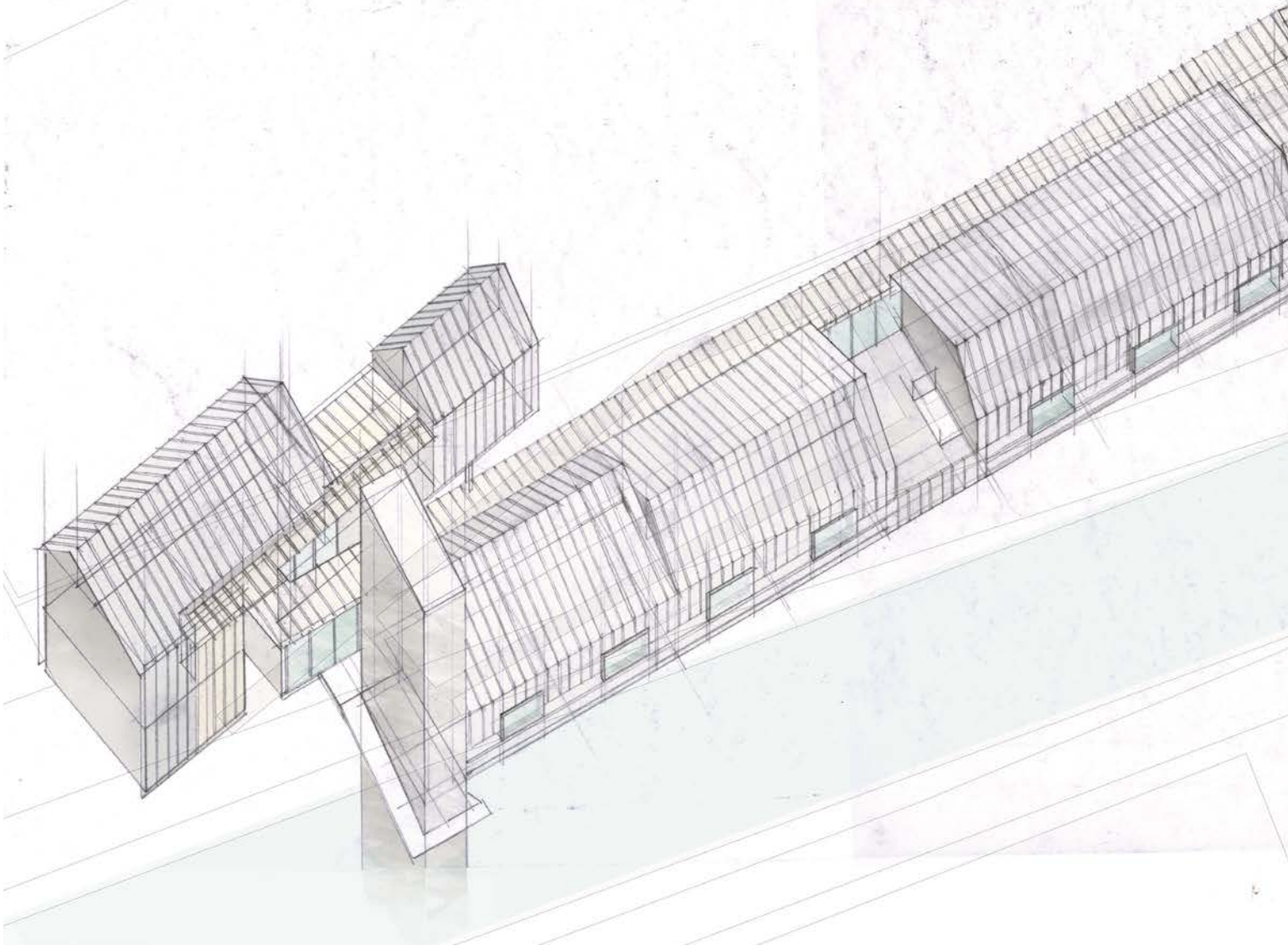
early site plan iteration and imposed oblique

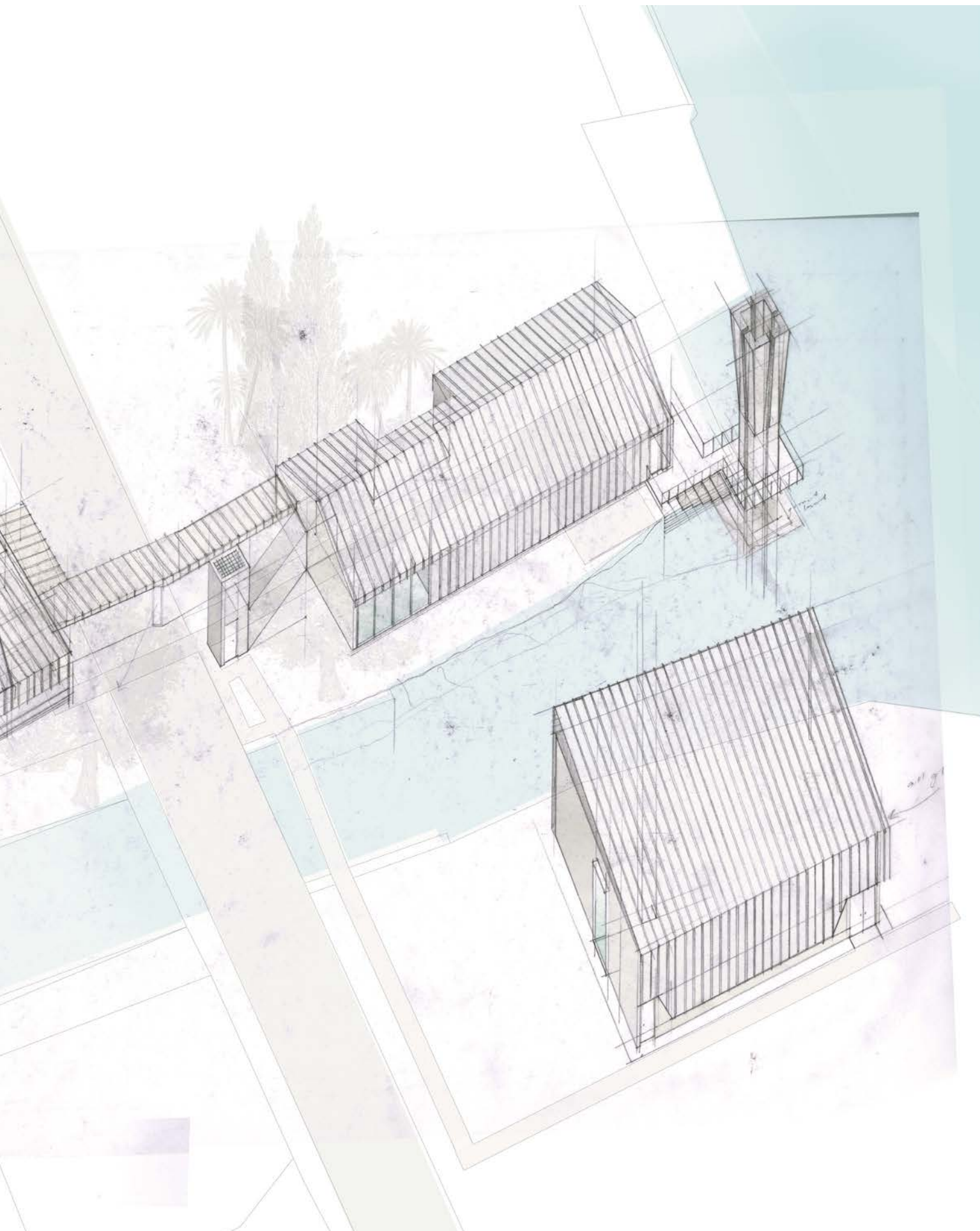


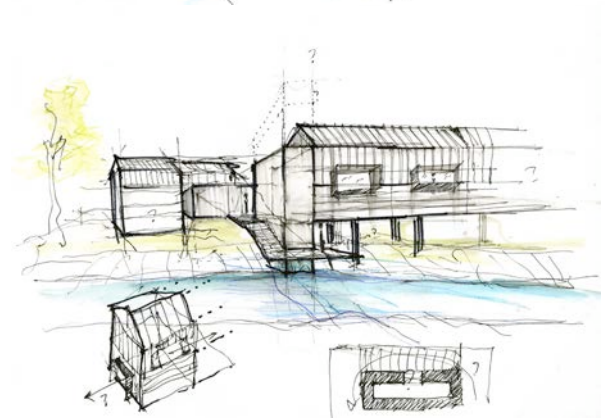
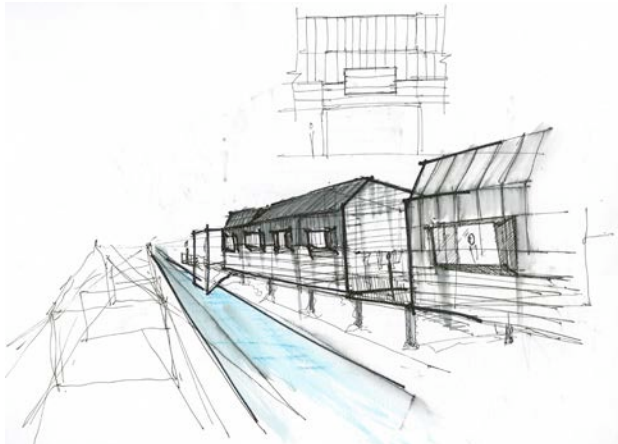
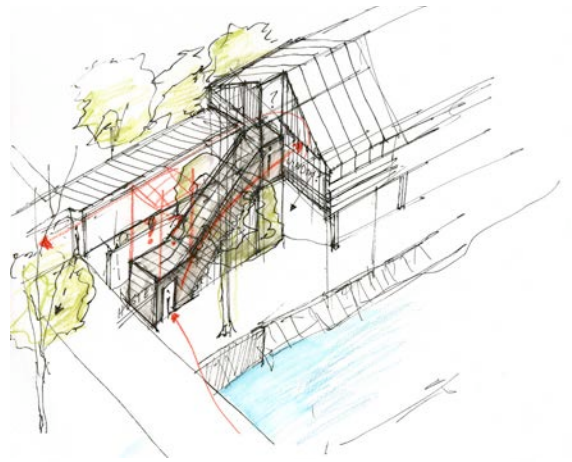
Hostel & Restaurant

Riva San Vitale, Switzerland
Spring 2018

A semester-long travel abroad program included this studio project sited in Riva San Vitale, Switzerland. The project investigates how a building can respond to its site elements and context. Building to ground relationship is a major focus of the project, as well as how circulation can influence both the exterior and interior of the site.



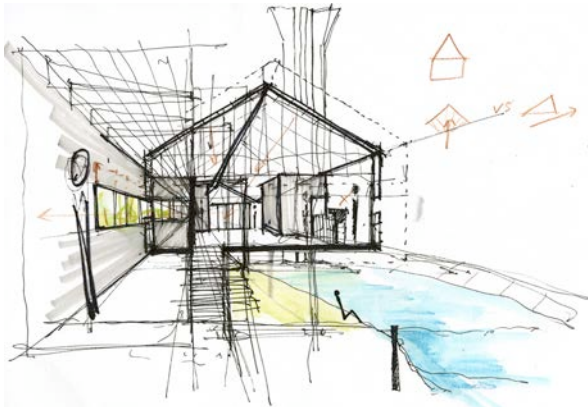
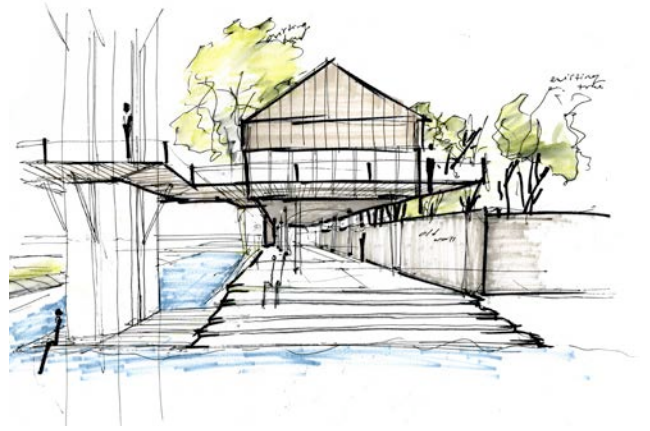
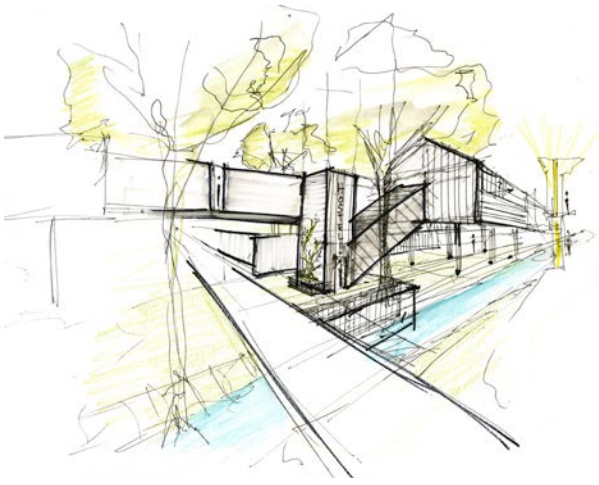




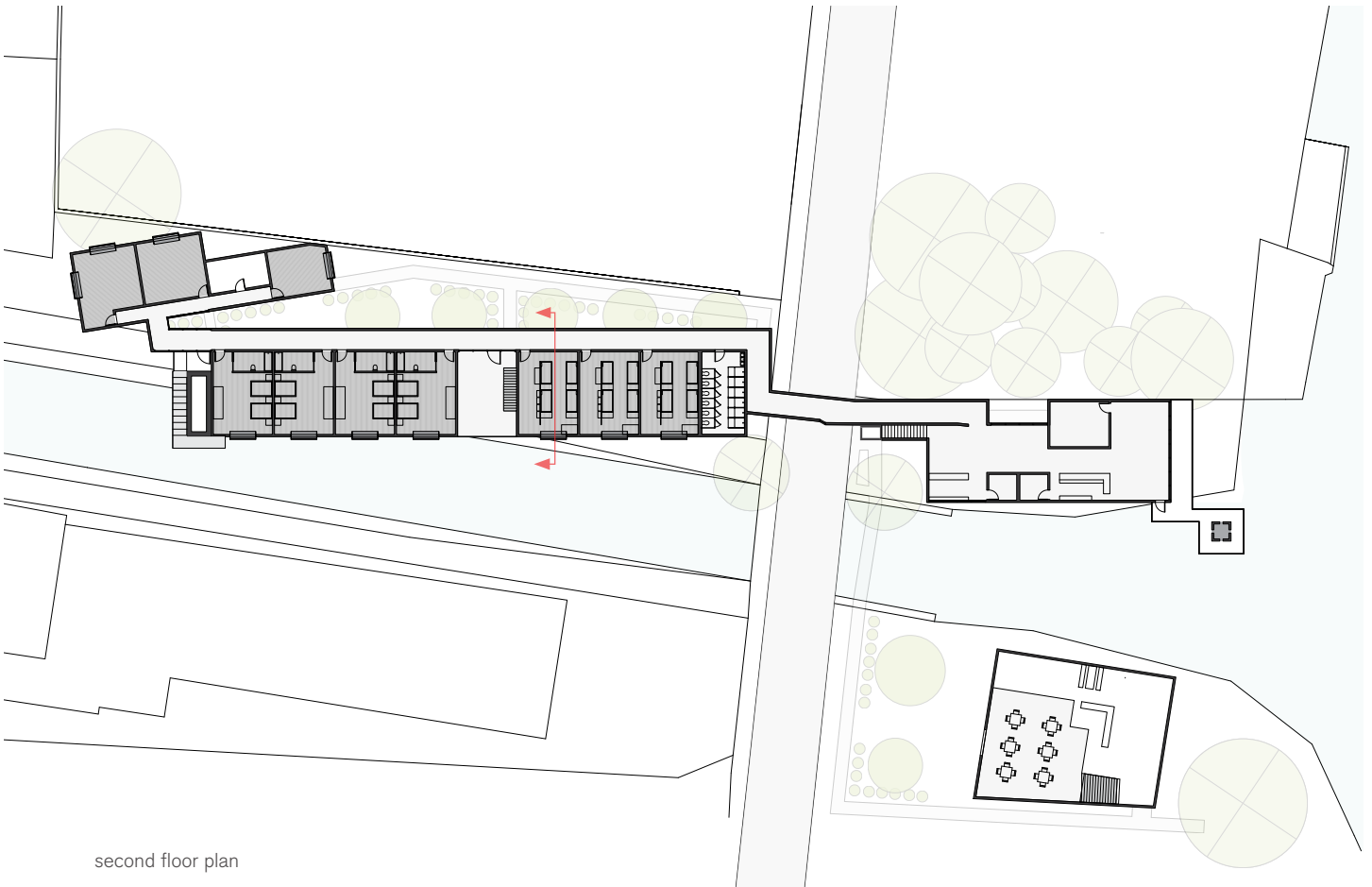
sketch views



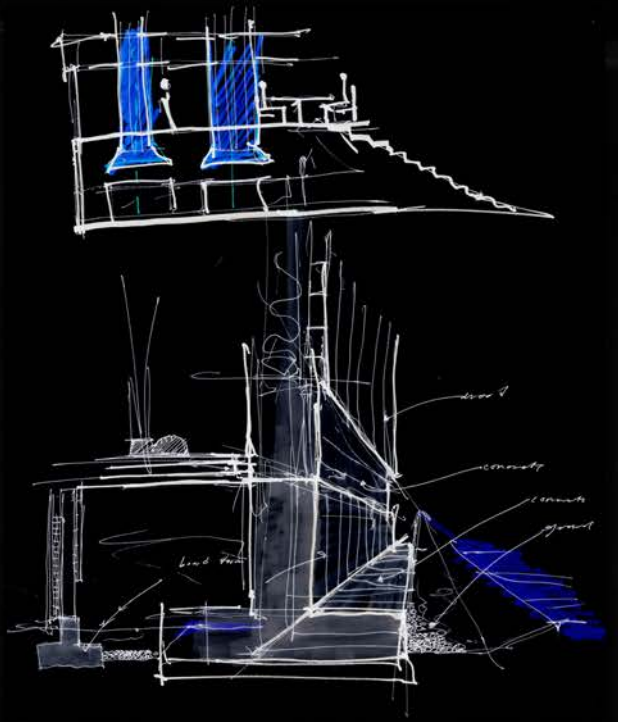
section through hostel unit



sketch views



second floor plan

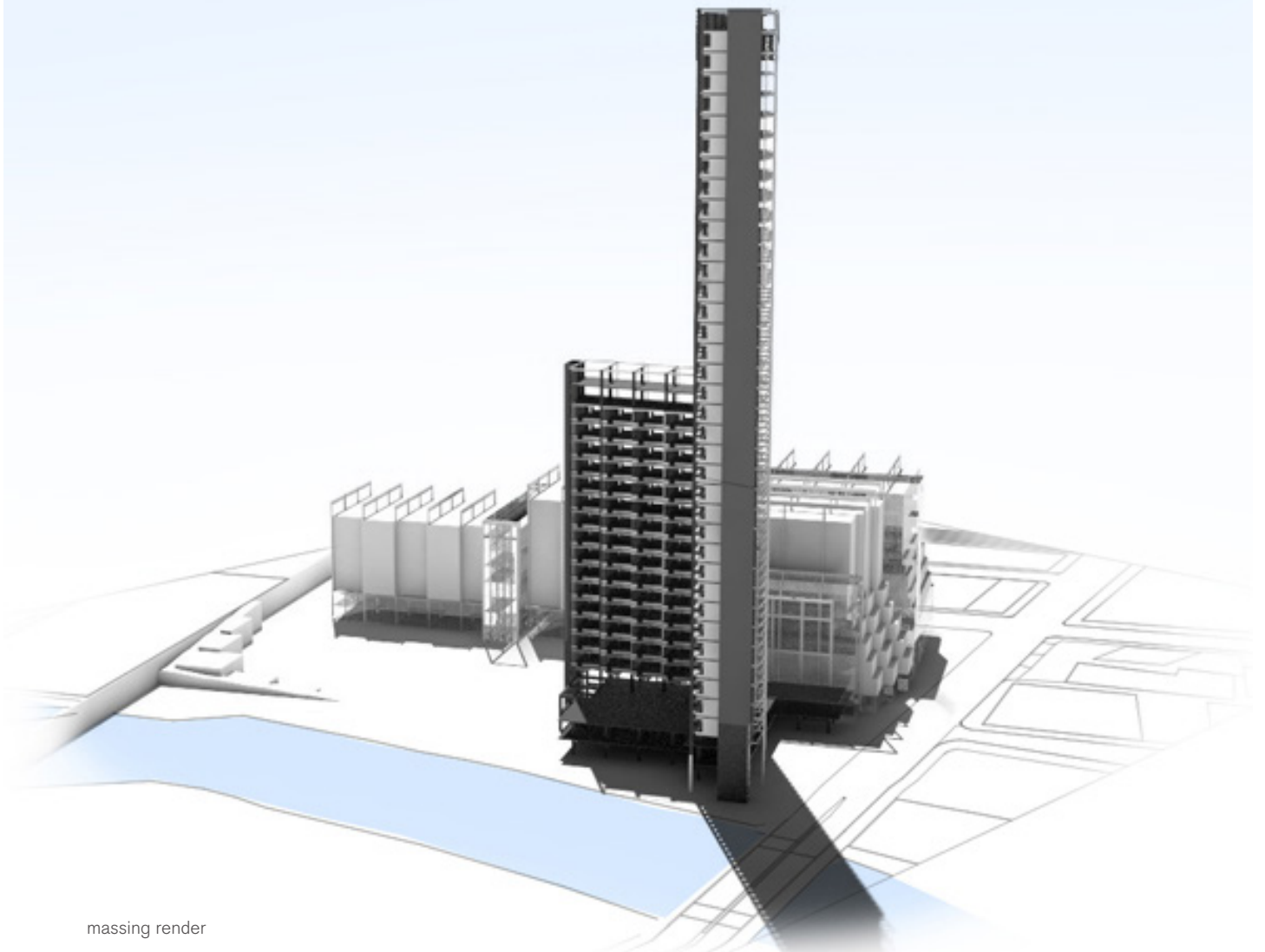


section model through restaurant envelope

Residential Tower

1859 North Elston St., Chicago, IL
Fall 2017

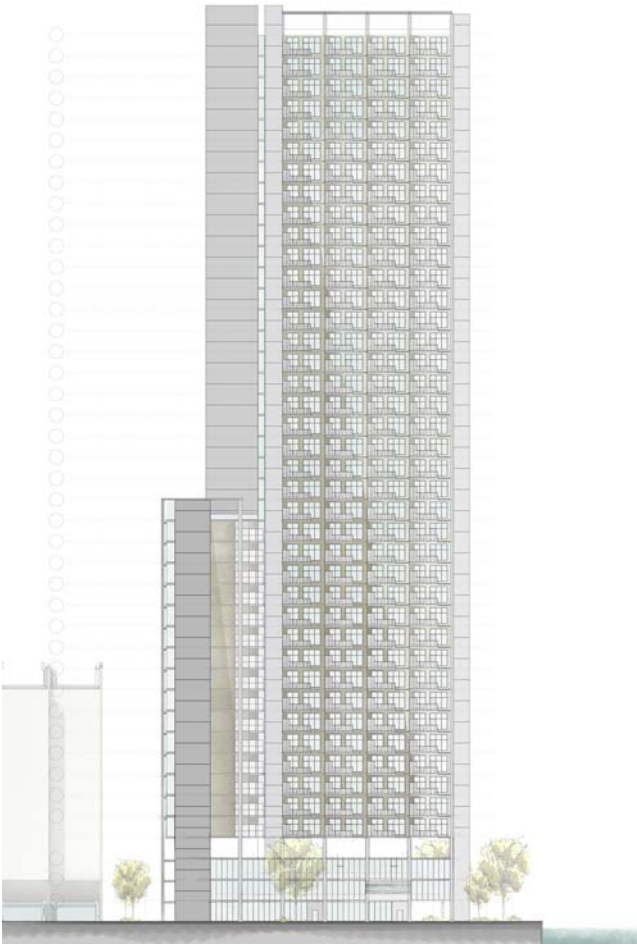
A one semester project completed in pairs while studying in Chicago. (Partner: Micajah Tucker) A 200,000 square foot residential requirement was to be considered, as well as planning an additional 6-800,000 square feet of retail and commercial space. 35% of the site was to remain open. Final requirements included structural drawings, MEP drawings, plans, sections, and a physical model. Our final design featured a tower with a V-shaped plan which opened views towards downtown while staggering residential units to emphasize individuality within the mass of housing.



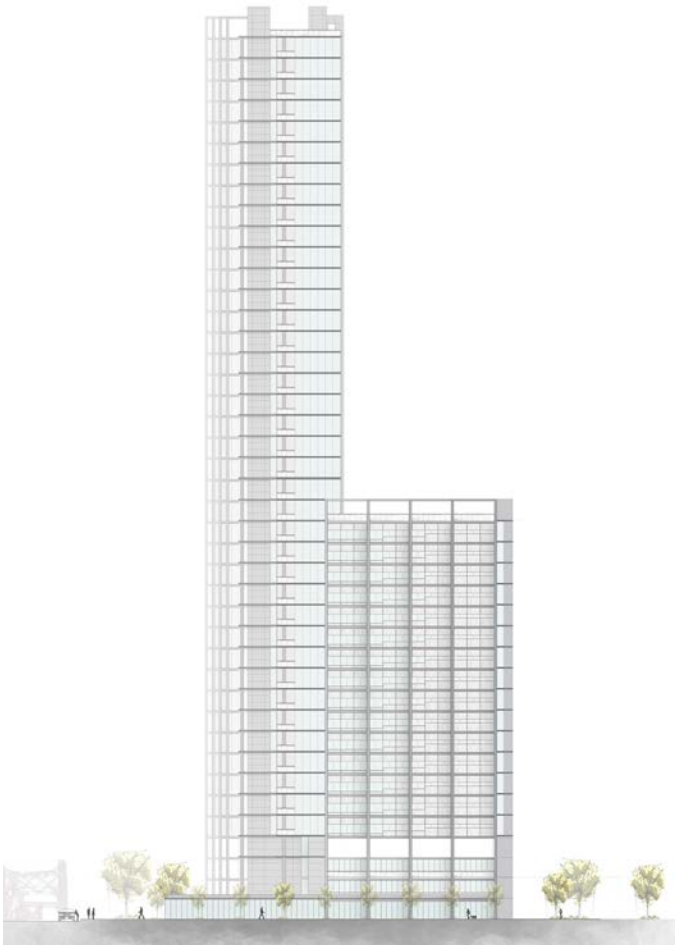
massing render



section through unit kitchen and circulation



river elevation



W Cortland street elevation



site plan

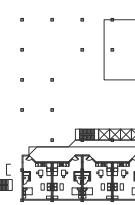
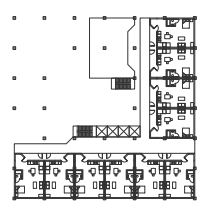
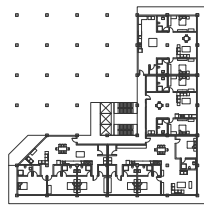
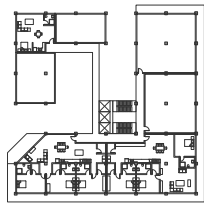
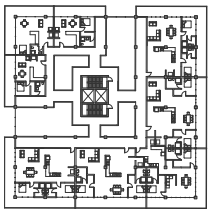
Site Plan (roof plan)
1/32"=1'



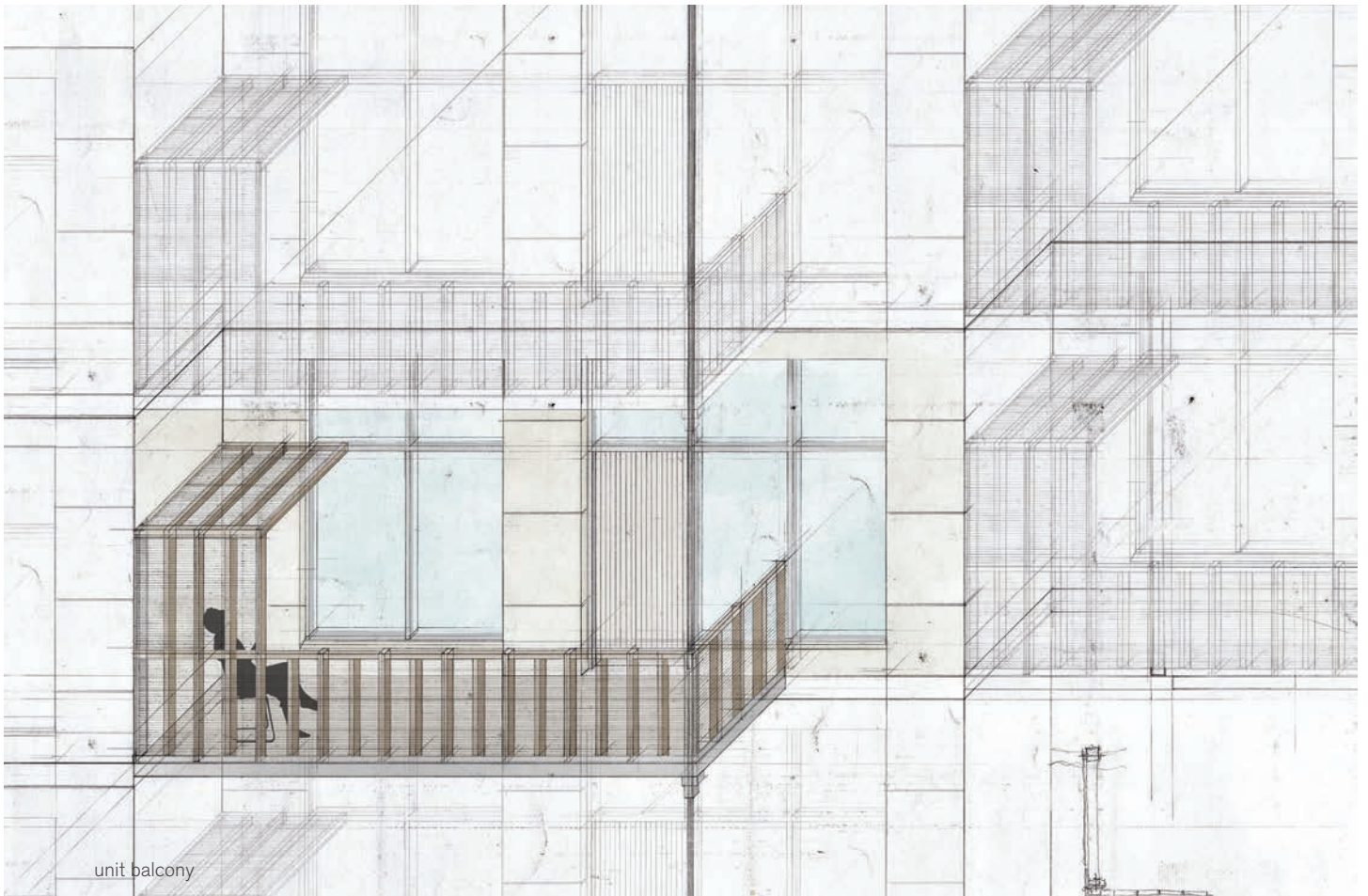
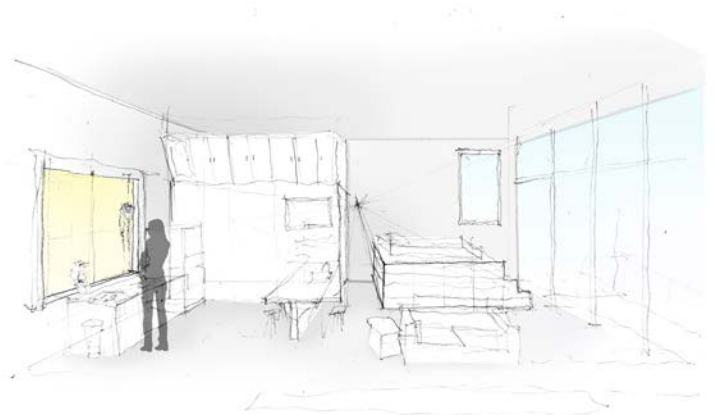
circulation space renders



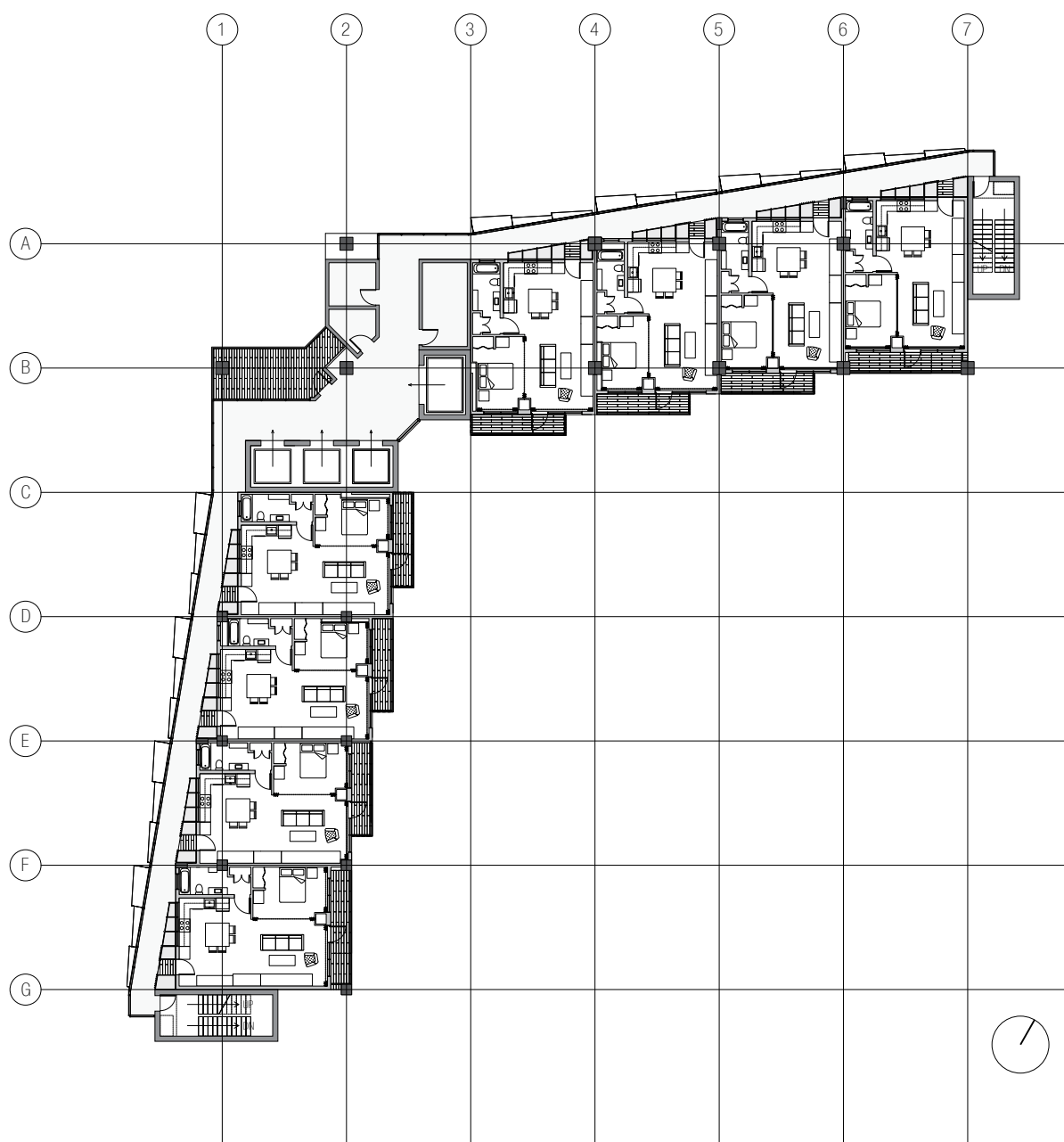
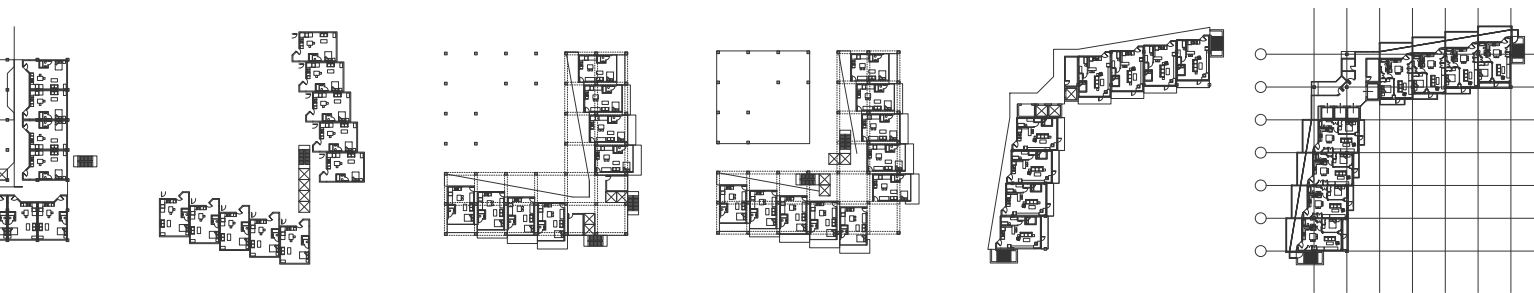
unit sections



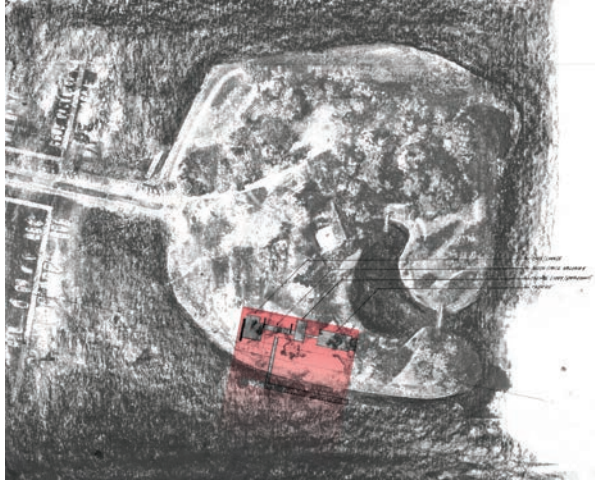
evolution of plan



unit balcony



typical unit floor plan



Terversarri Island



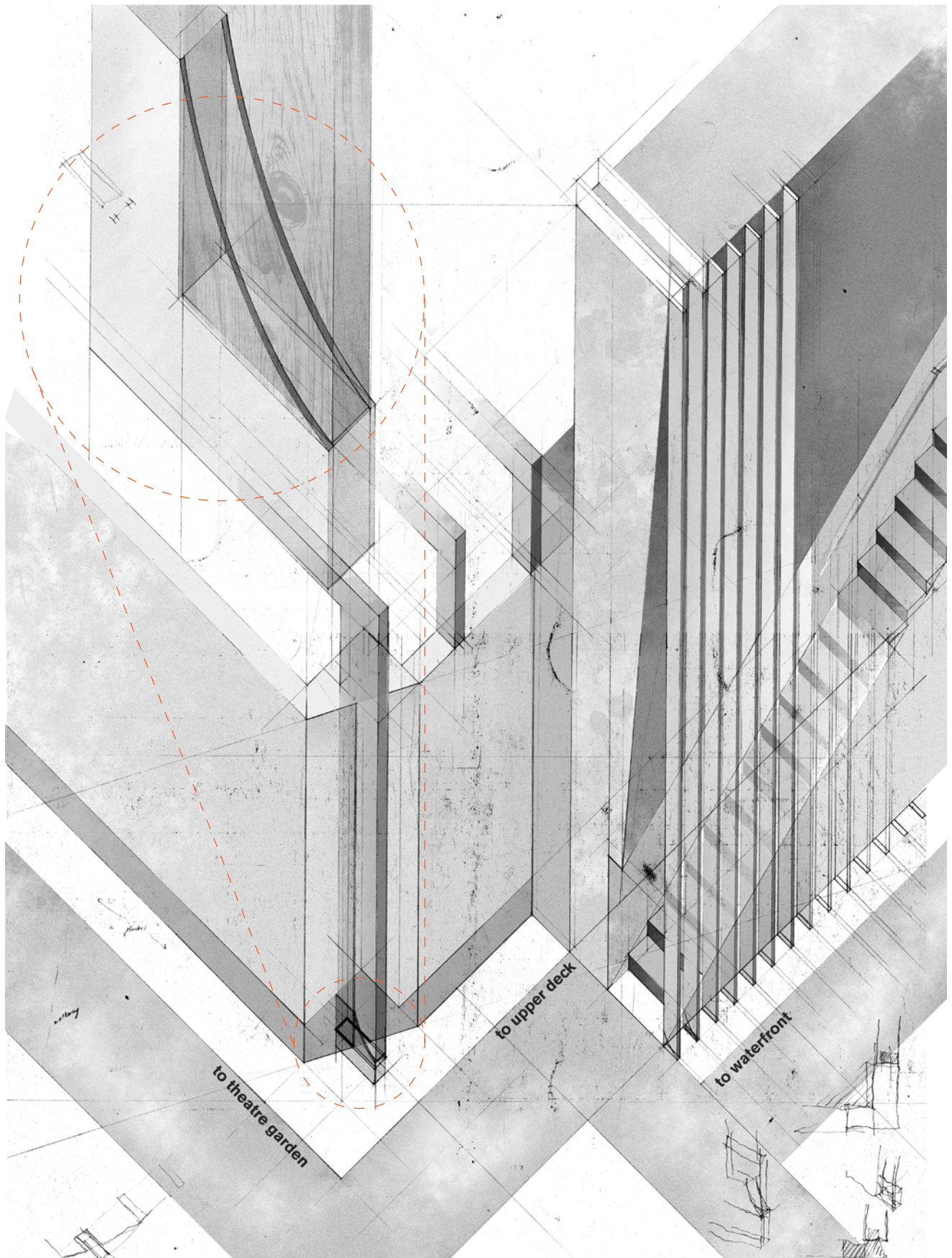
Waterfront Center for the Arts

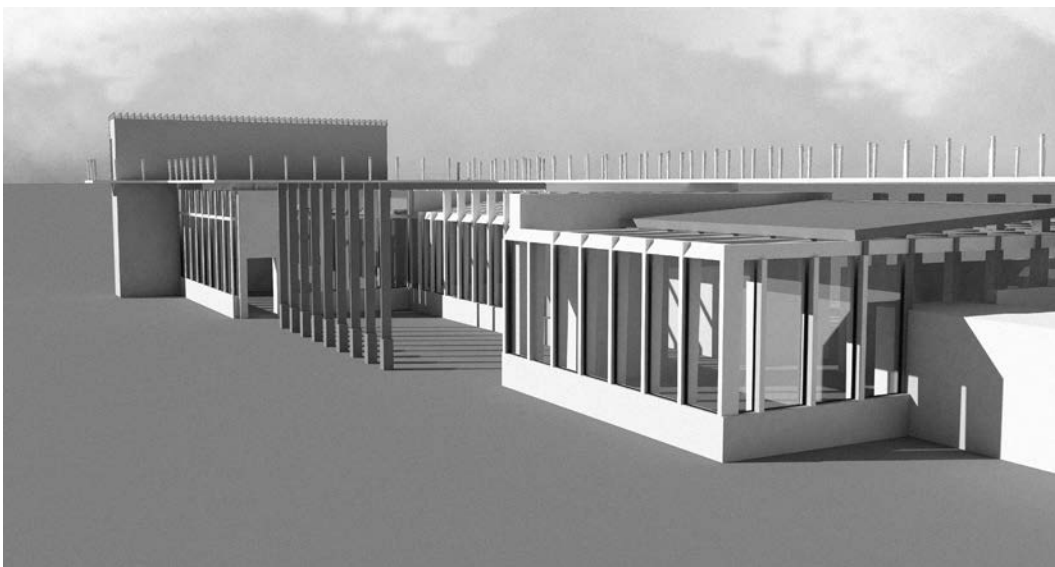
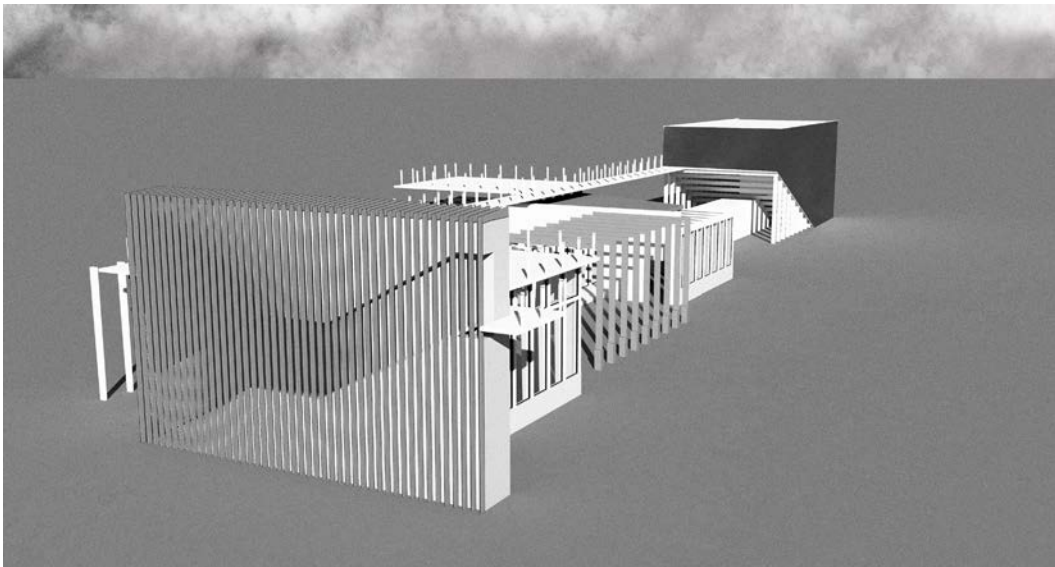
Helsinki, Finland

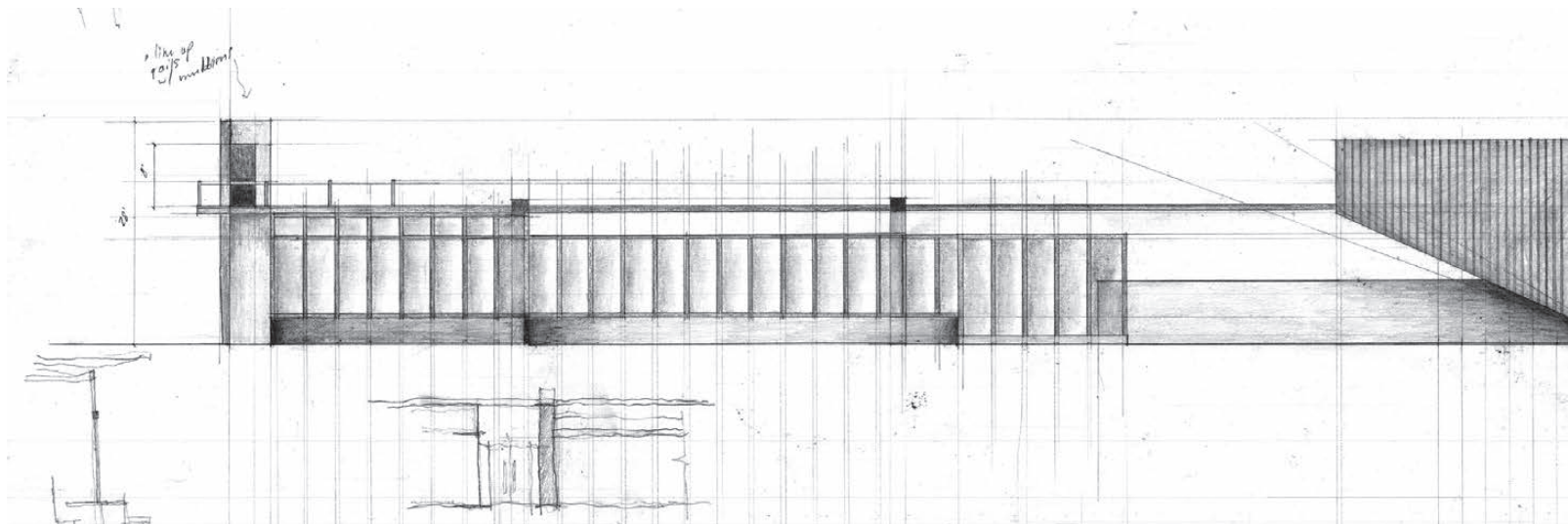
Spring 2017

A theatre and cafe situated on the coast of Tervsarri Island in Helsinki. Focus was placed on the experience of site approach, and the procession through the site. The entry to the site is marked by a large stair with wooden fins, it provides three choices to proceed: left, right, or to ascend.

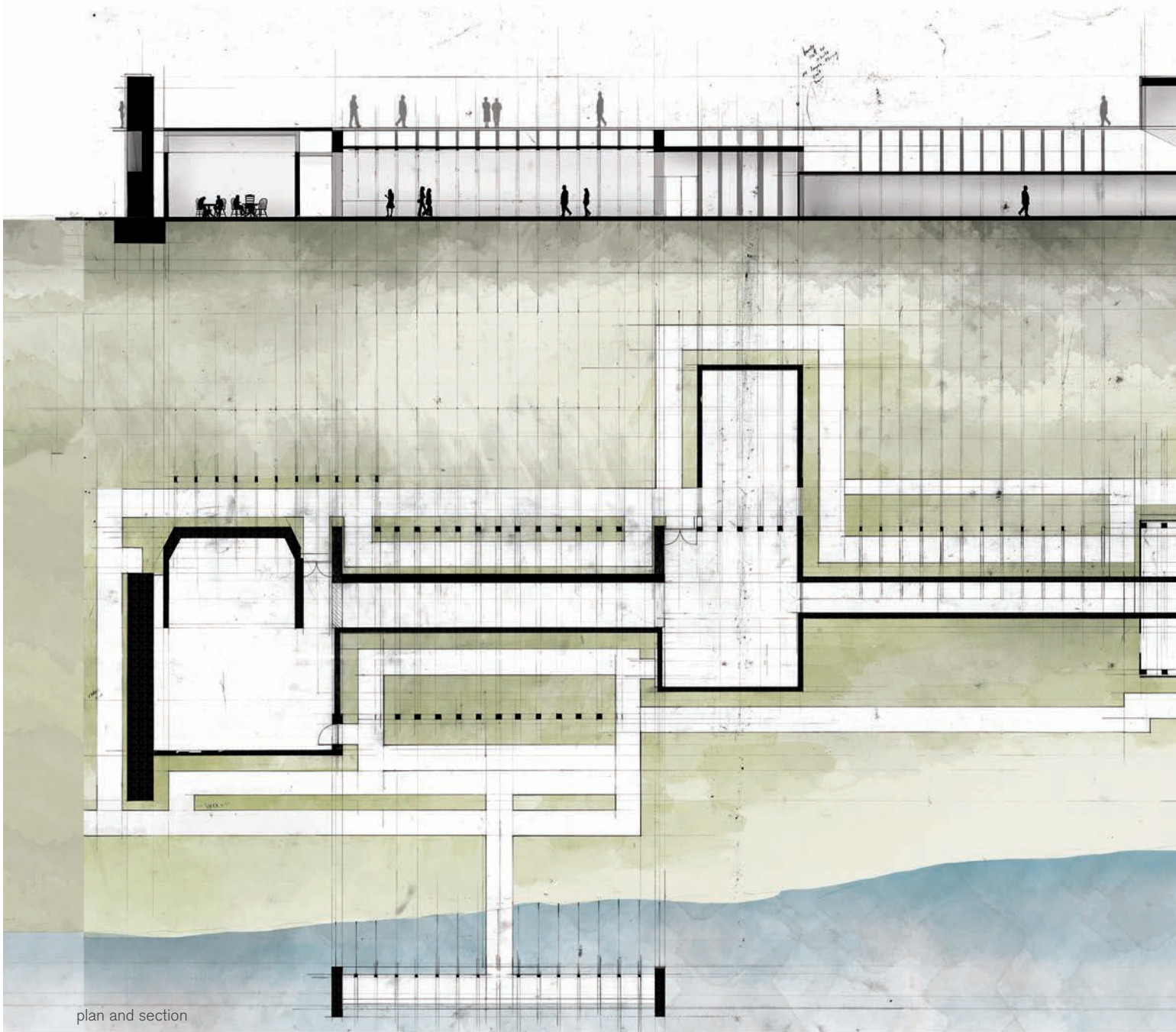




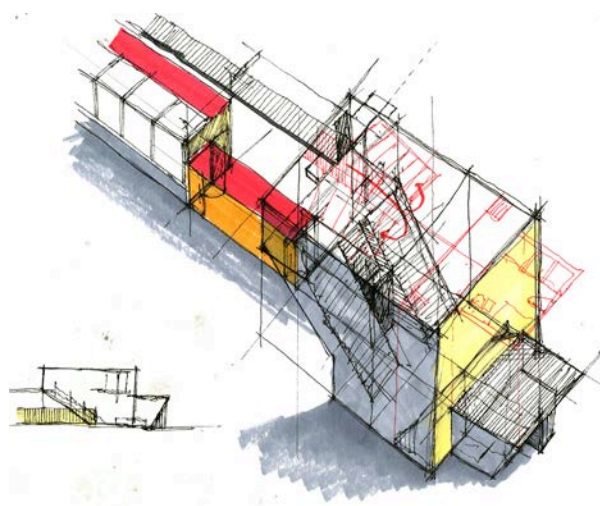
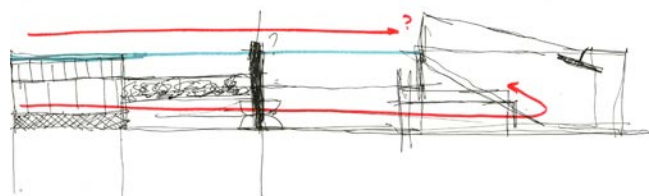
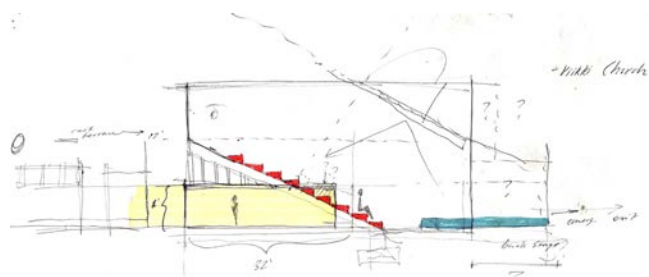
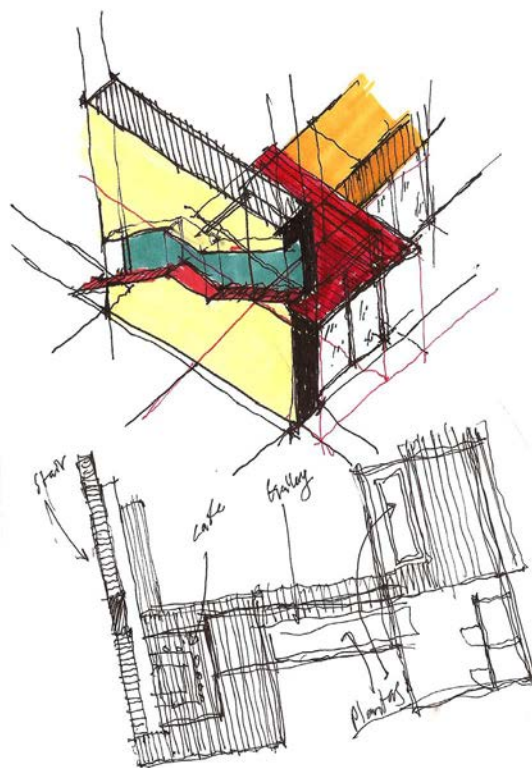
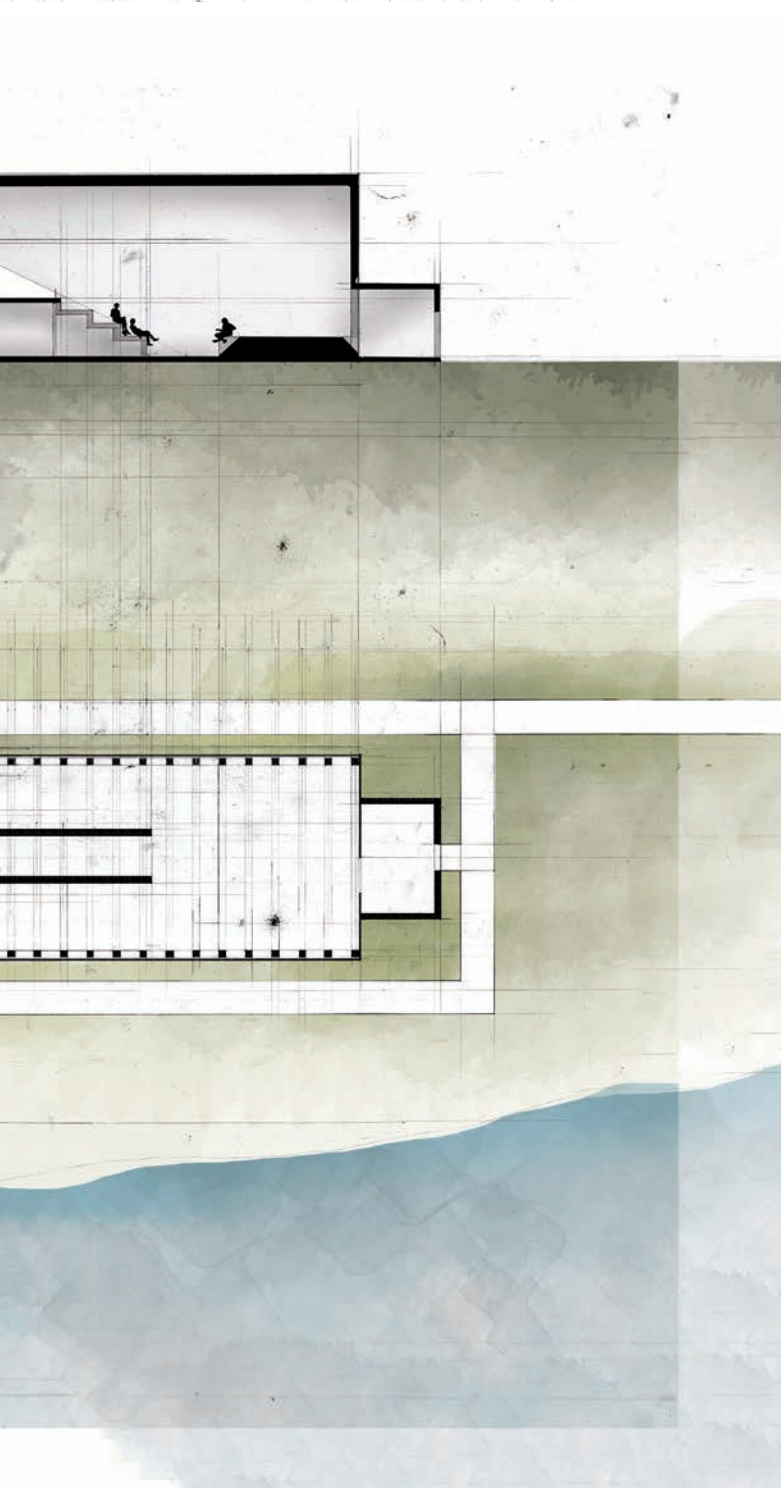
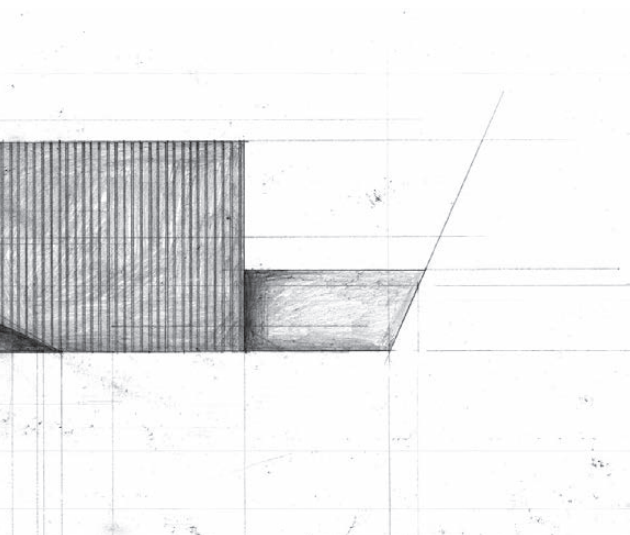




early elevation iteration



plan and section

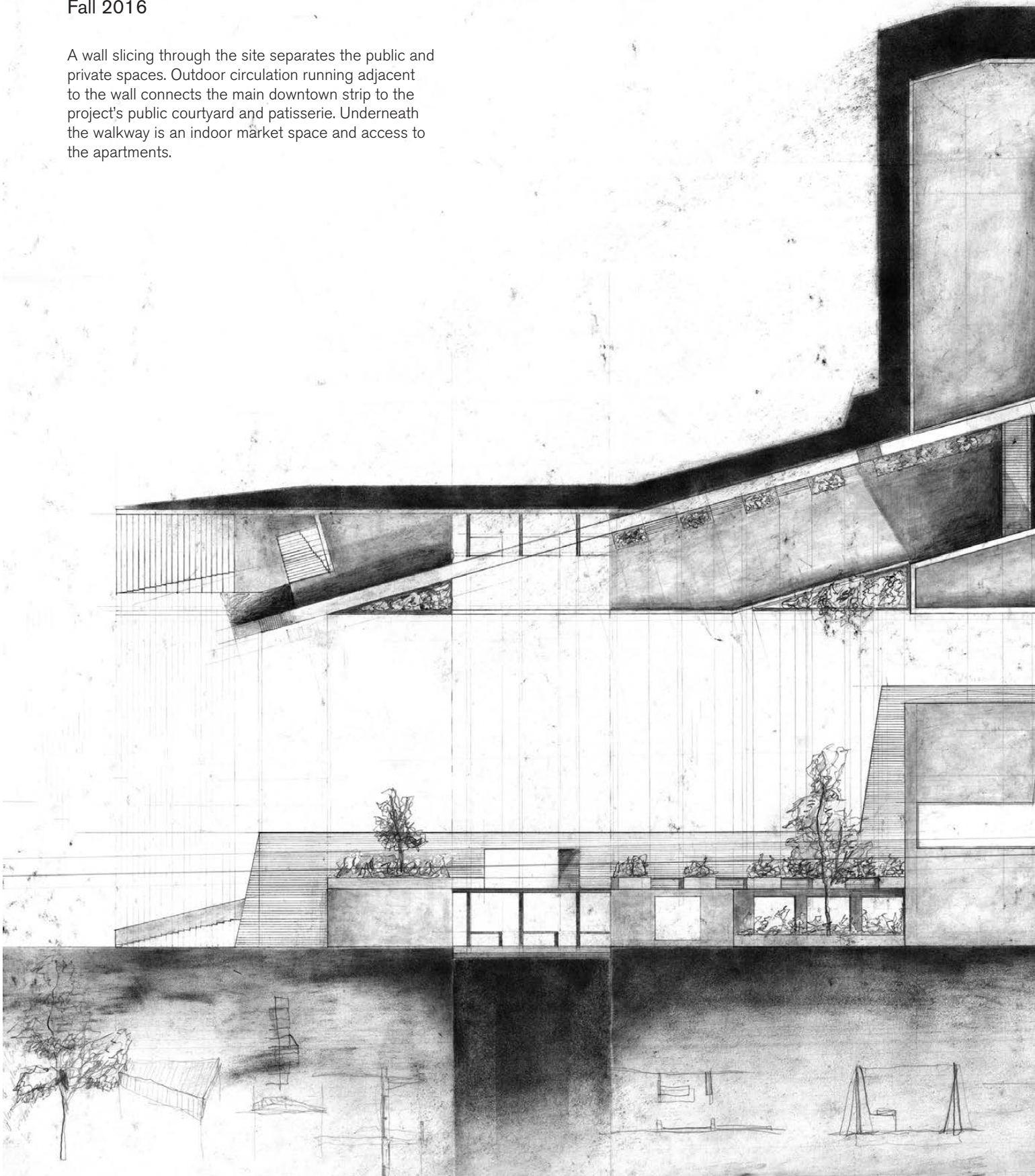


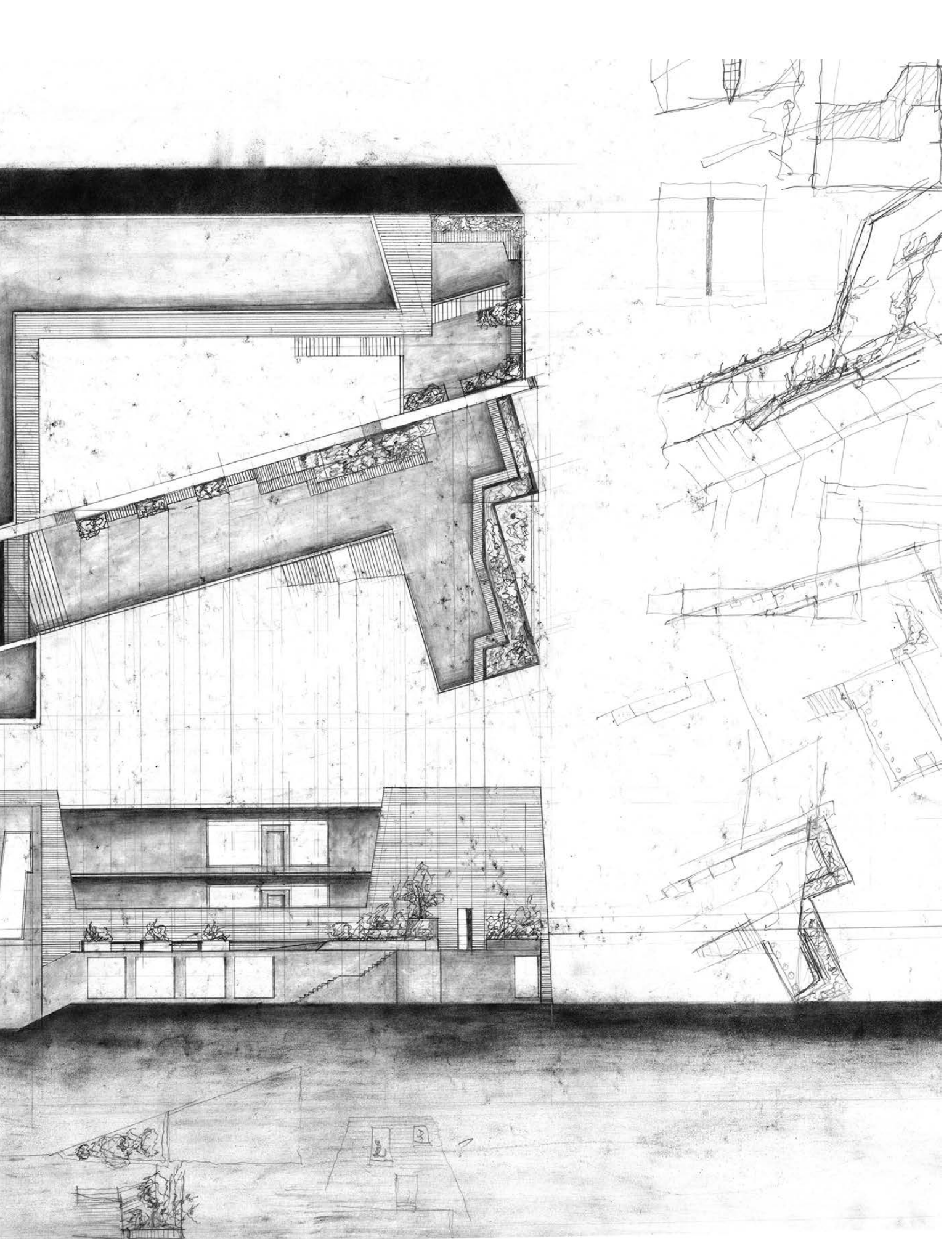
Bakery and Apartments

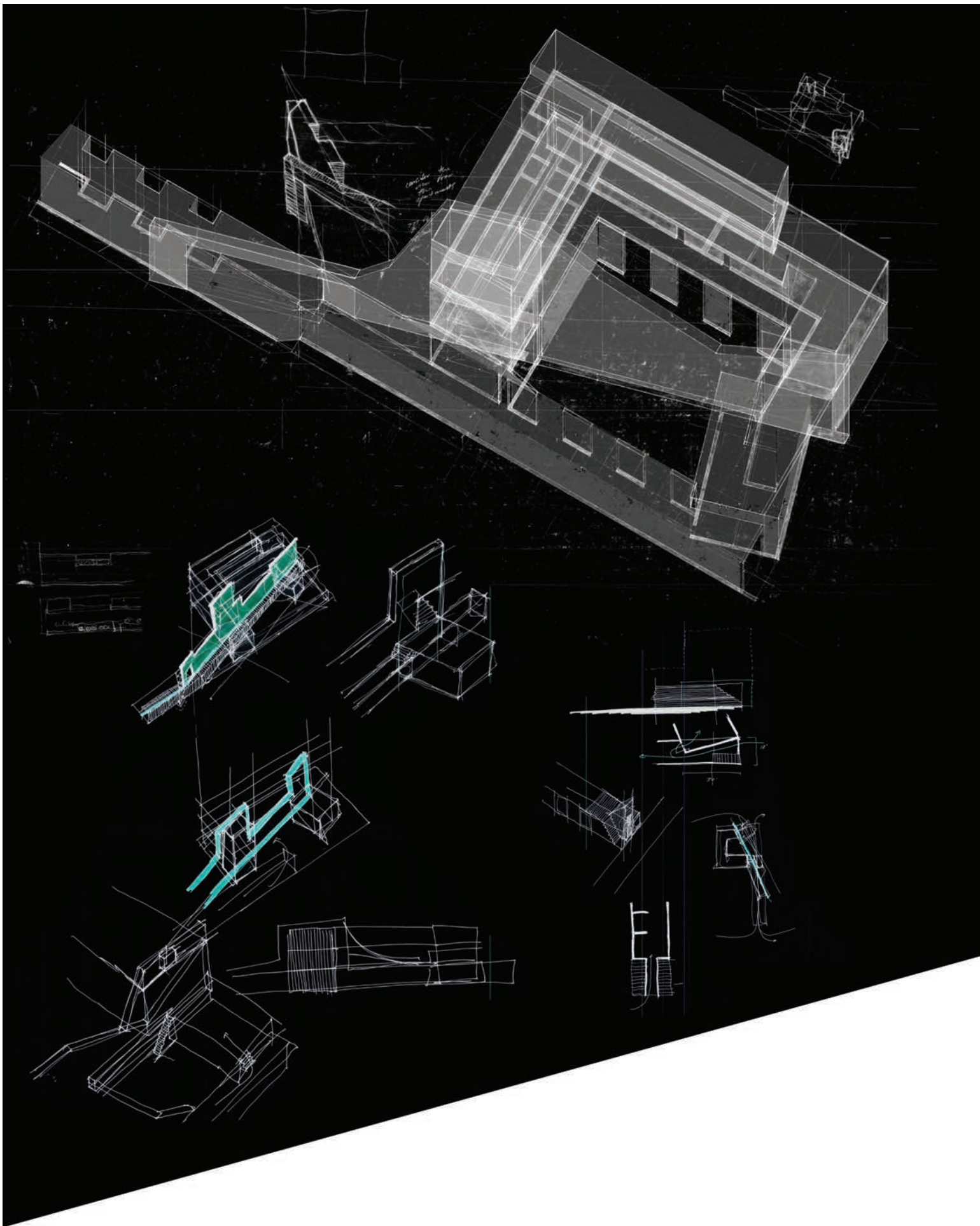
Blacksburg, Virginia

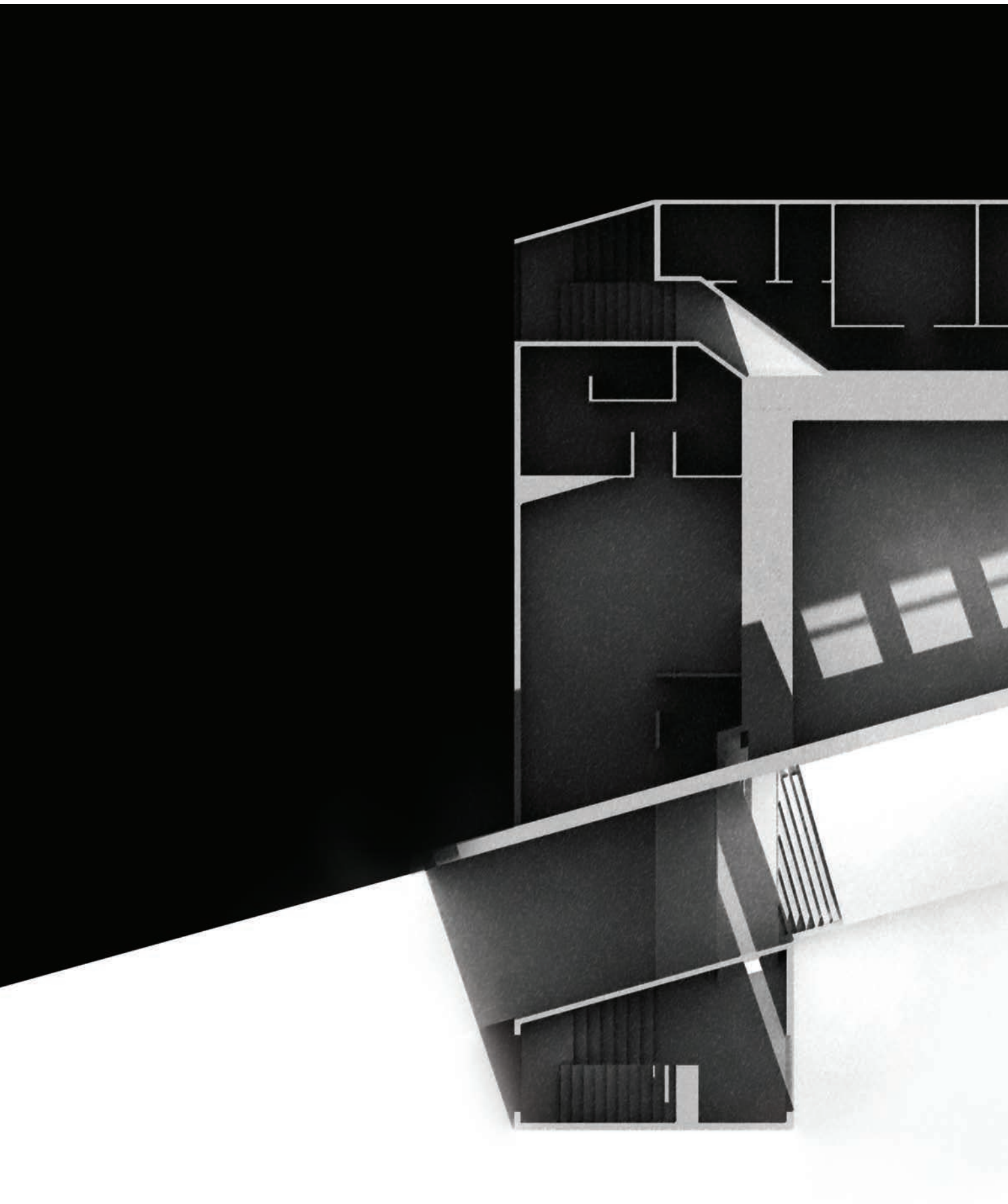
Fall 2016

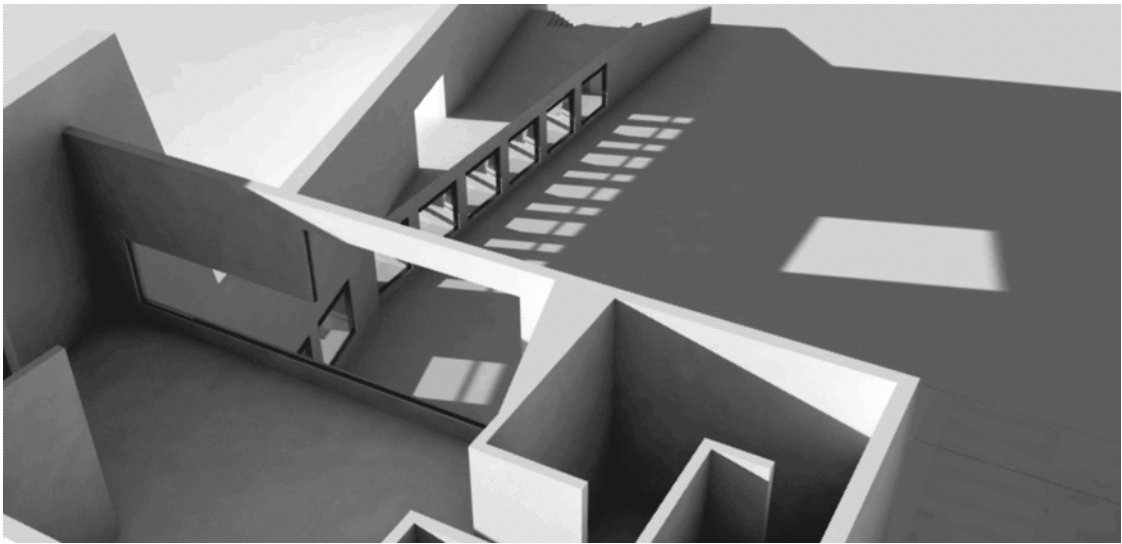
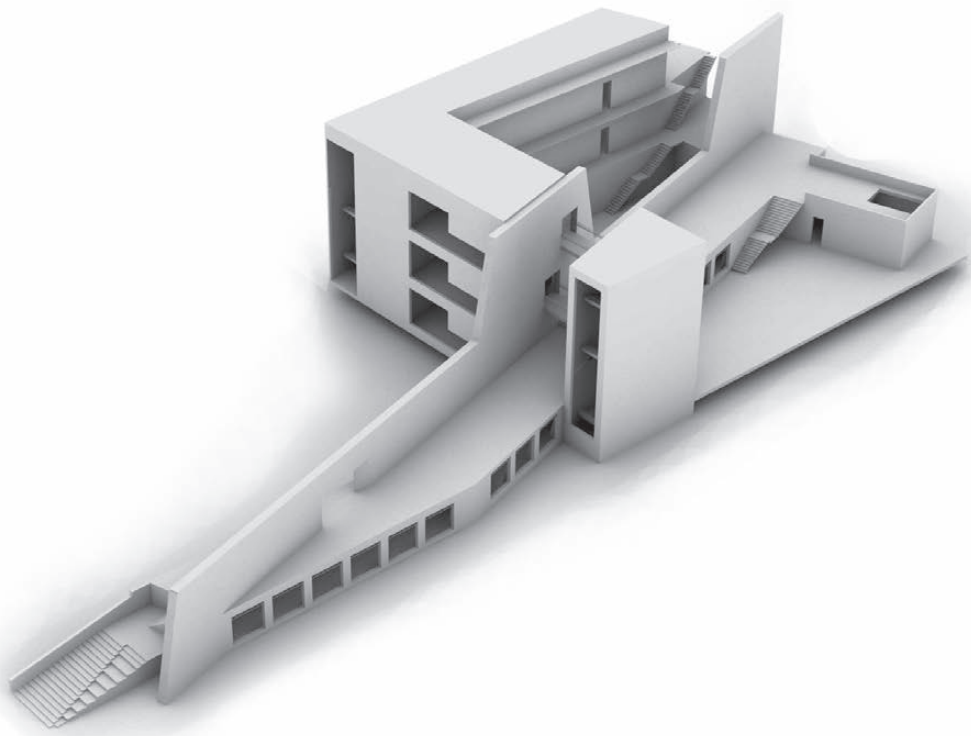
A wall slicing through the site separates the public and private spaces. Outdoor circulation running adjacent to the wall connects the main downtown strip to the project's public courtyard and patisserie. Underneath the walkway is an indoor market space and access to the apartments.

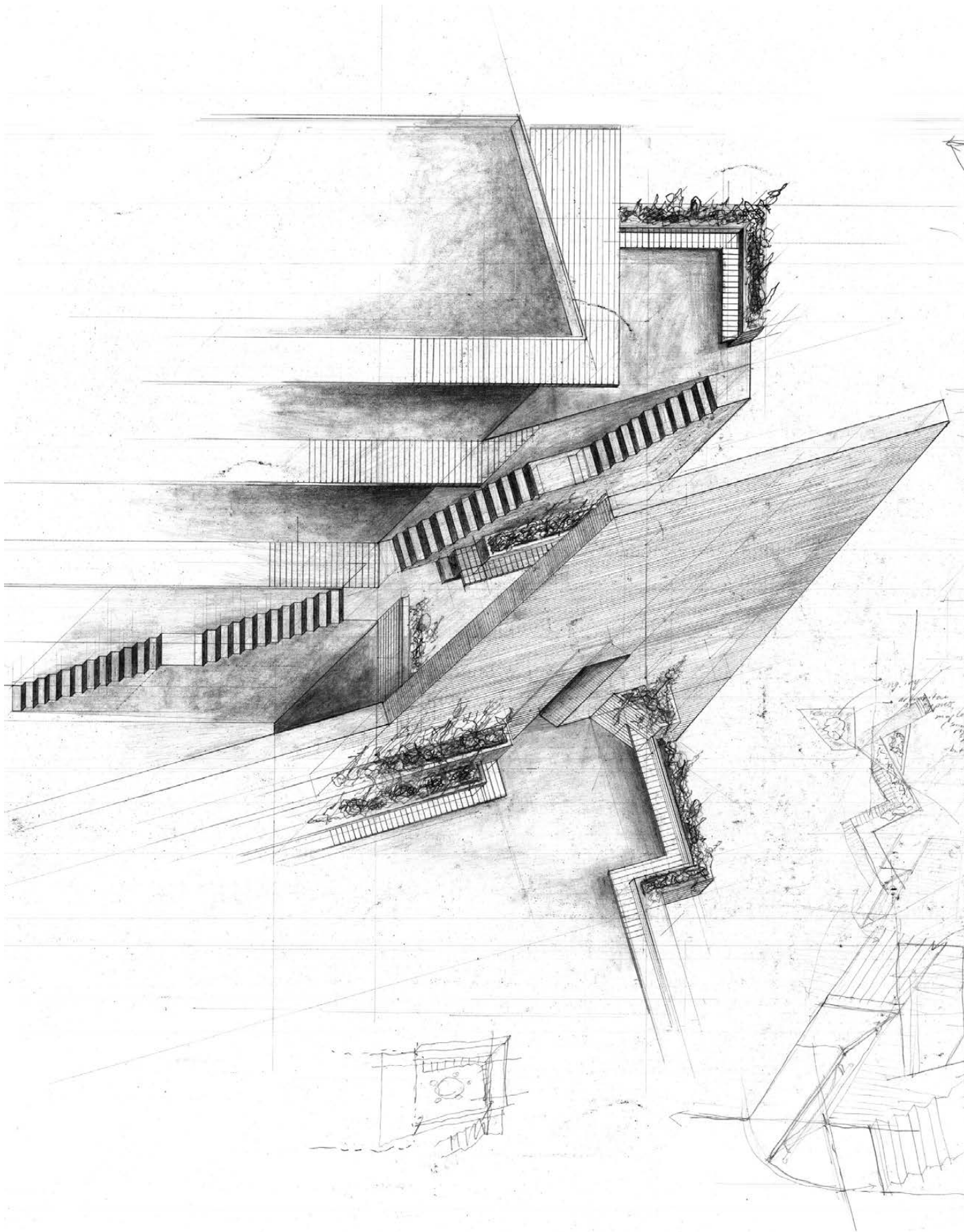










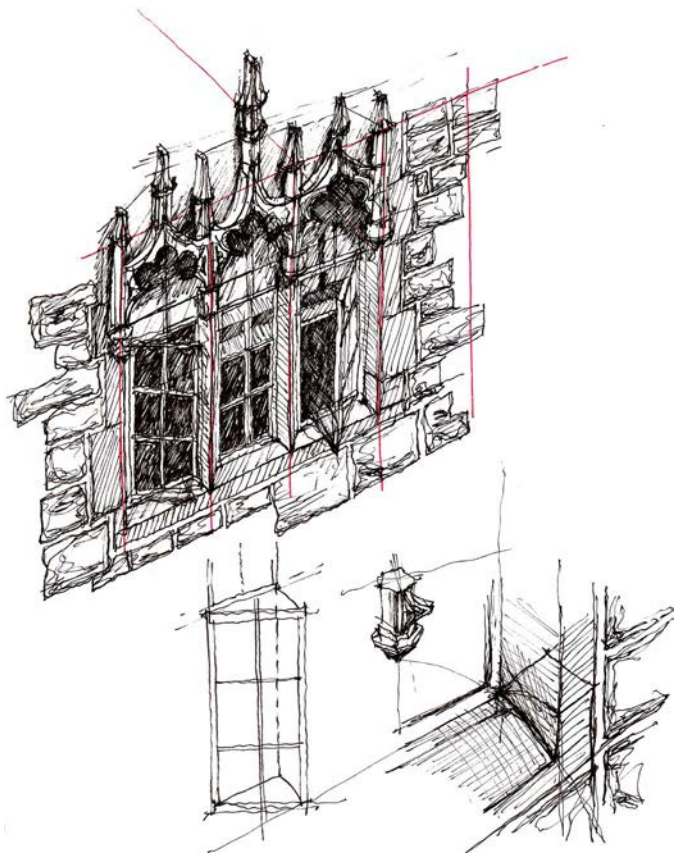


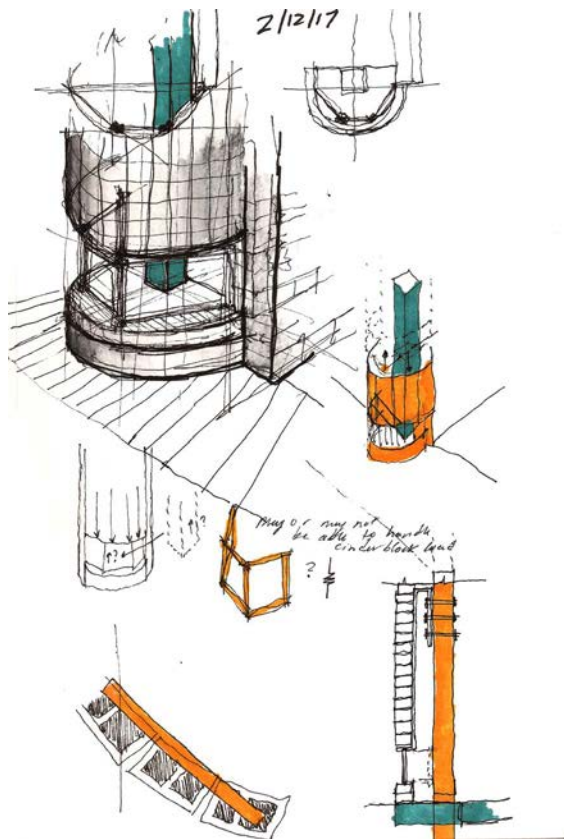
Window Independent Study

Blacksburg, Virginia

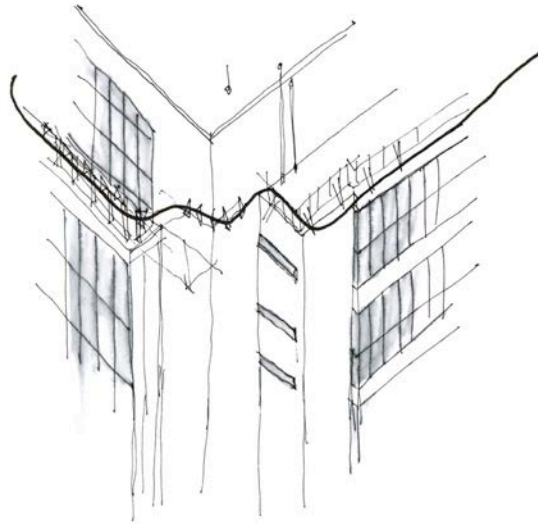
Spring 2017

A one semester independent study completed in spring 2017. Through drawing and photography, conditions of windows were studied to understand the effect of aging, transparency, reflection, and material intersection. An exhibit of 50 drawings and 50 photographs in the lobby of Cowgil Hall at Virginia Tech CAUS concluded the study.

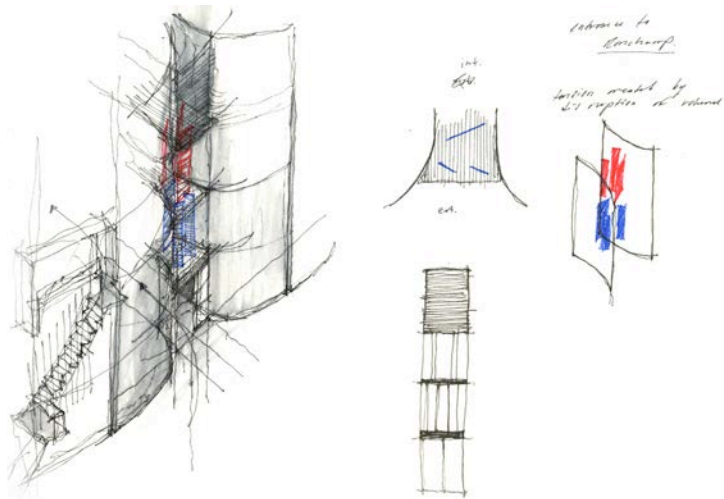




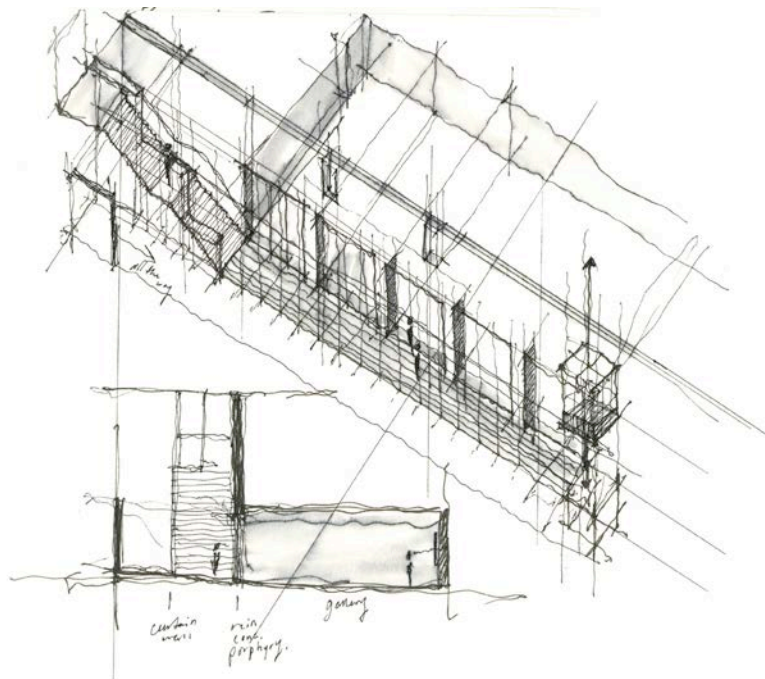
Europe Travel Sketches
Europe
Spring, 2018



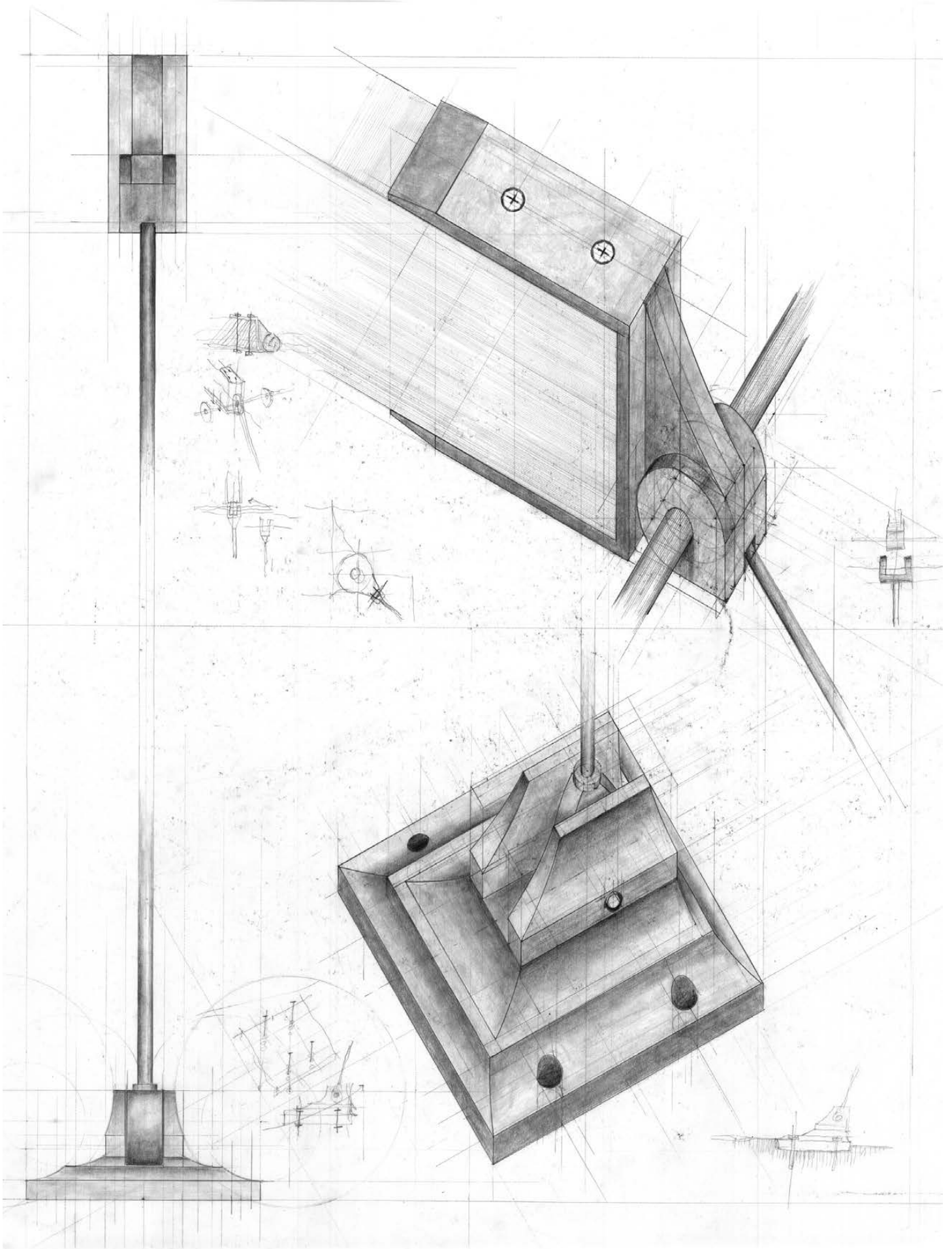
Van Nelle Factory, Rotterdam



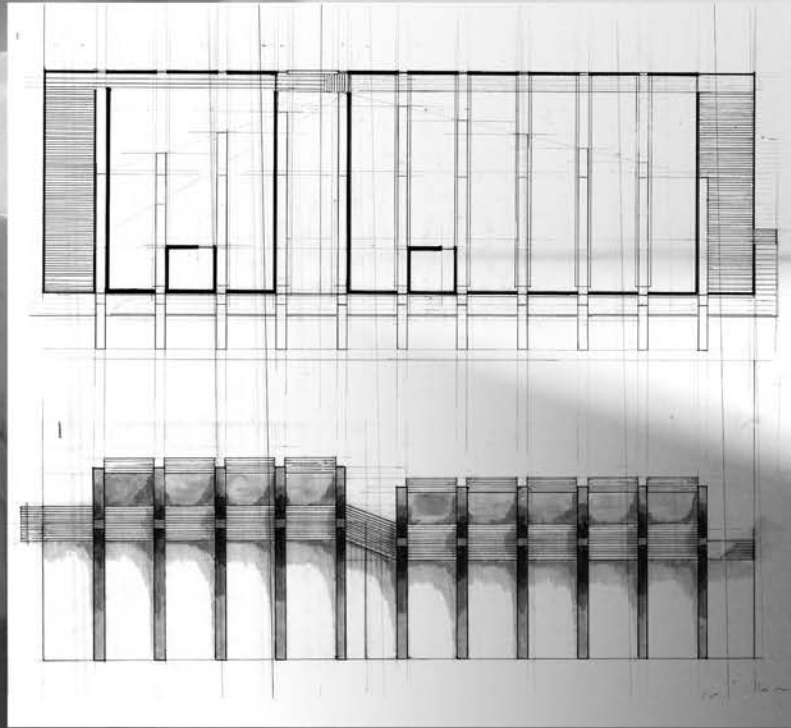
back entrance to Ronchamp, France



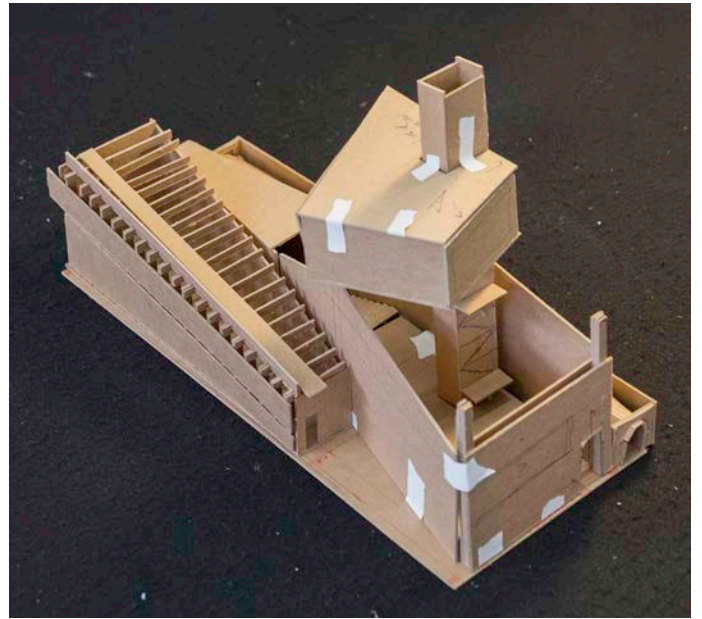
Fondation Beyeler, Switzerland



Tunnel House
Blacksburg, Virginia
2015



Bookstore & Apartment
Blacksburg, Virginia
2016



2nd Year Competition

Blacksburg, Virginia

2016 / 1-Week

A 1-week competition to design a mausoleum and contemplation space in the Blacksburg cemetery. A single staircase descends into the earth where a circular crypt receives lighting from above. Up the staircase is a viewing and contemplation space. Awarded 3rd place overall.

