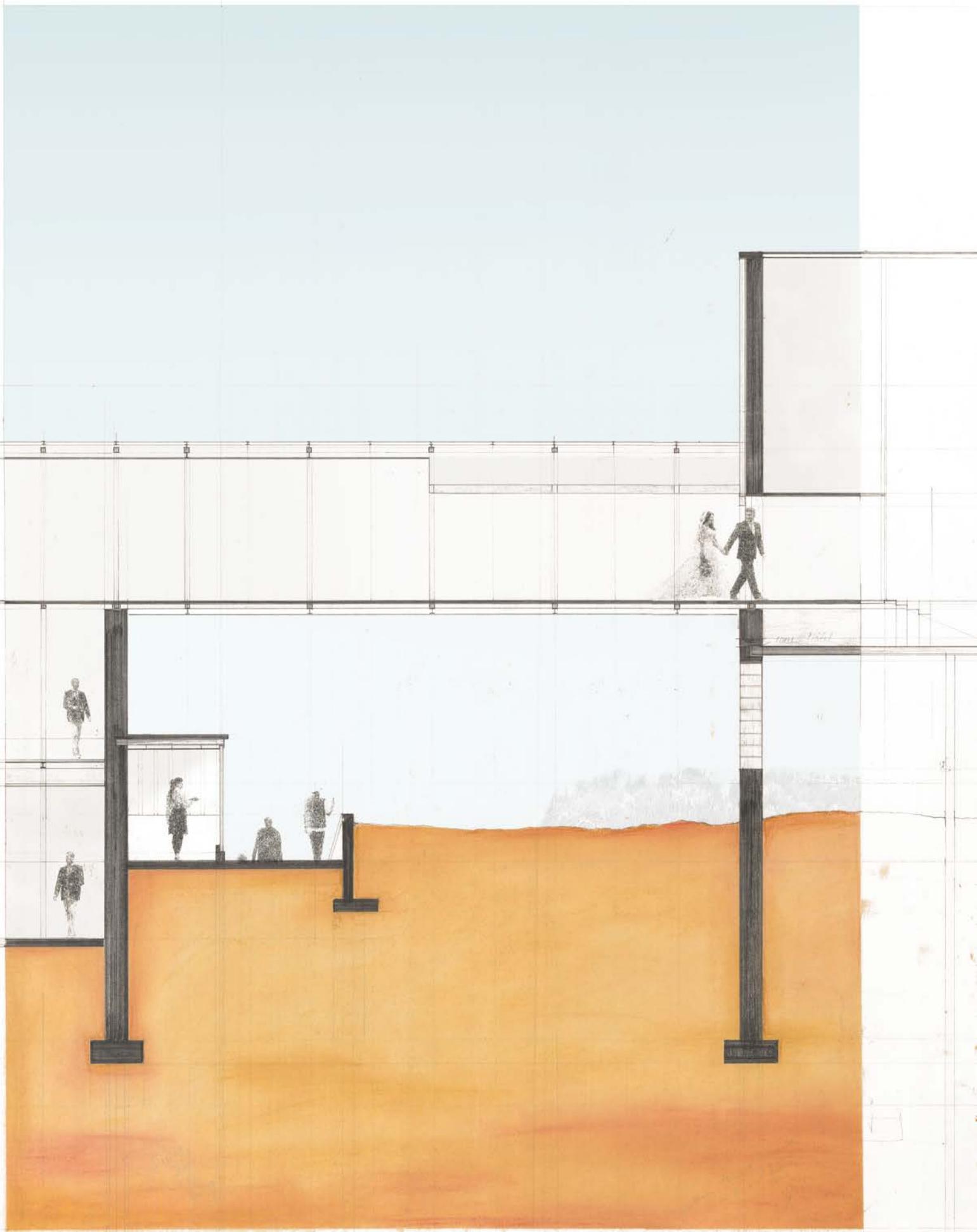


John Chamberlain
Undergraduate Portfolio
2015-2019



John Chamberlain

email

phone

address

Contents

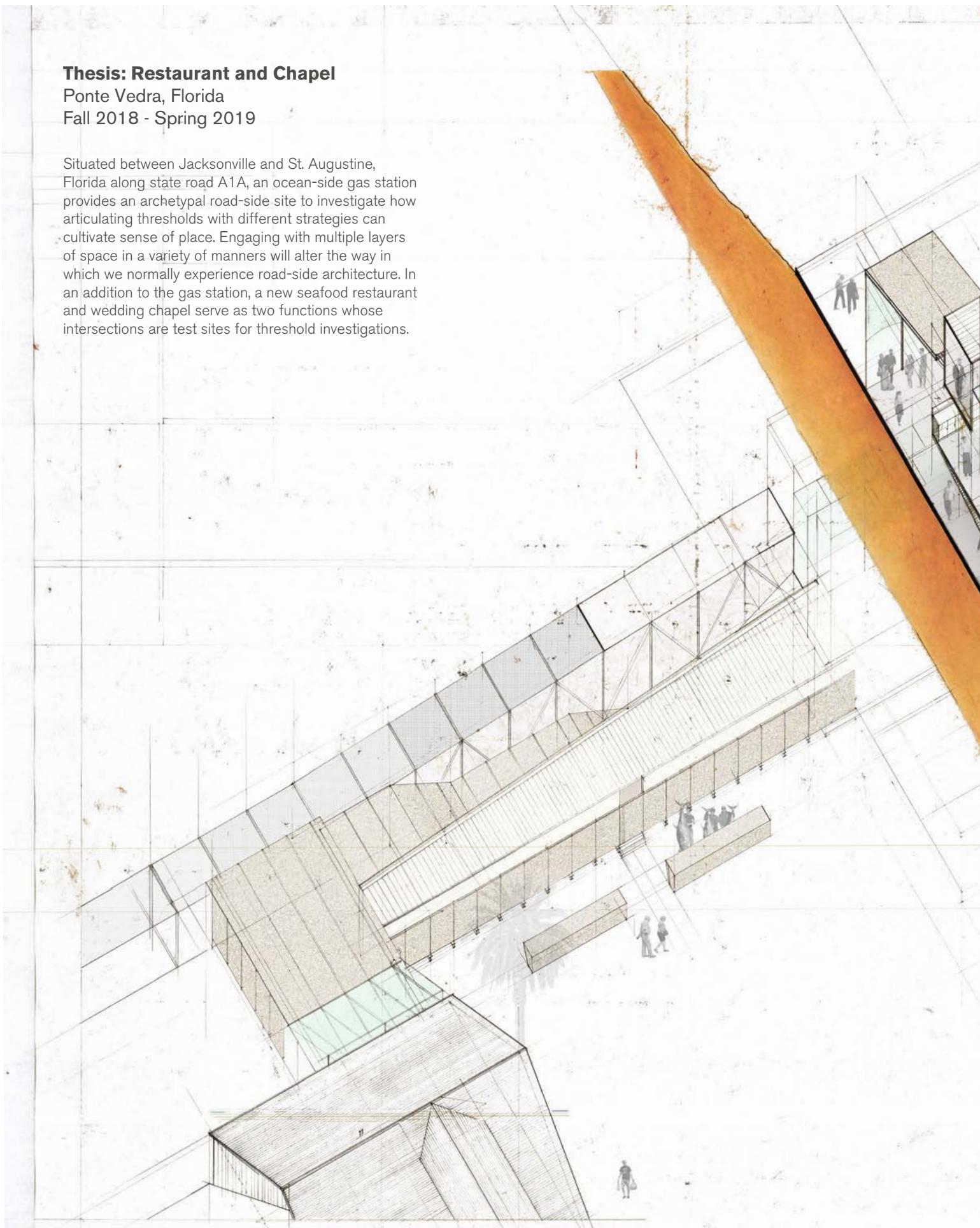
4-9	Thesis: Restaurant and Chapel
10-15	Hotel and Restaurant
16-21	Residential Tower and Master Plan
22-27	Waterfront Center for the Arts
28-33	Bakery and Apartments
34-35	Window Study
36	Travel Sketches
37	Detail Composition
38-39	Tunnel Residence
40	Bookstore and Apartment
41	2nd Year Competition

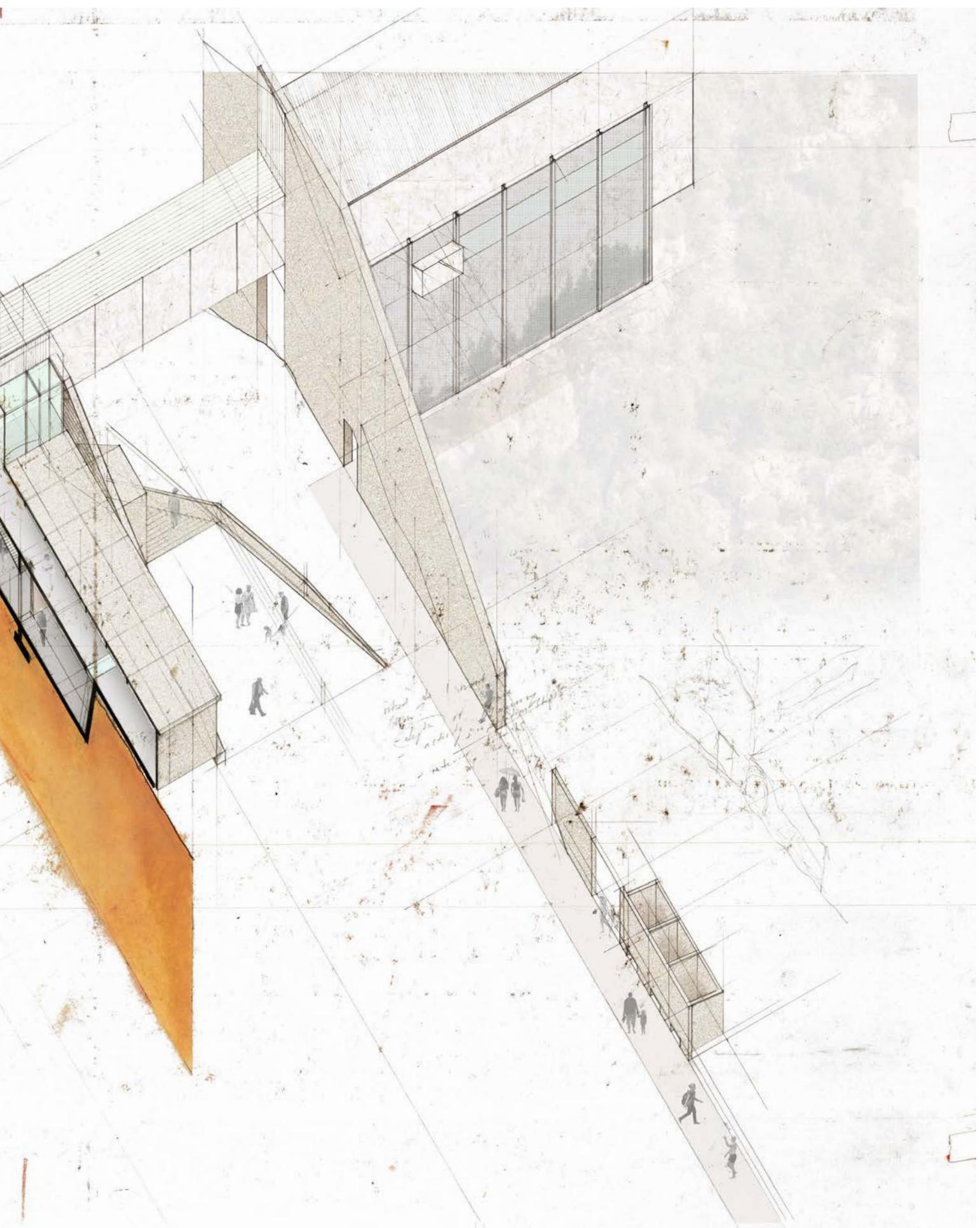
Thesis: Restaurant and Chapel

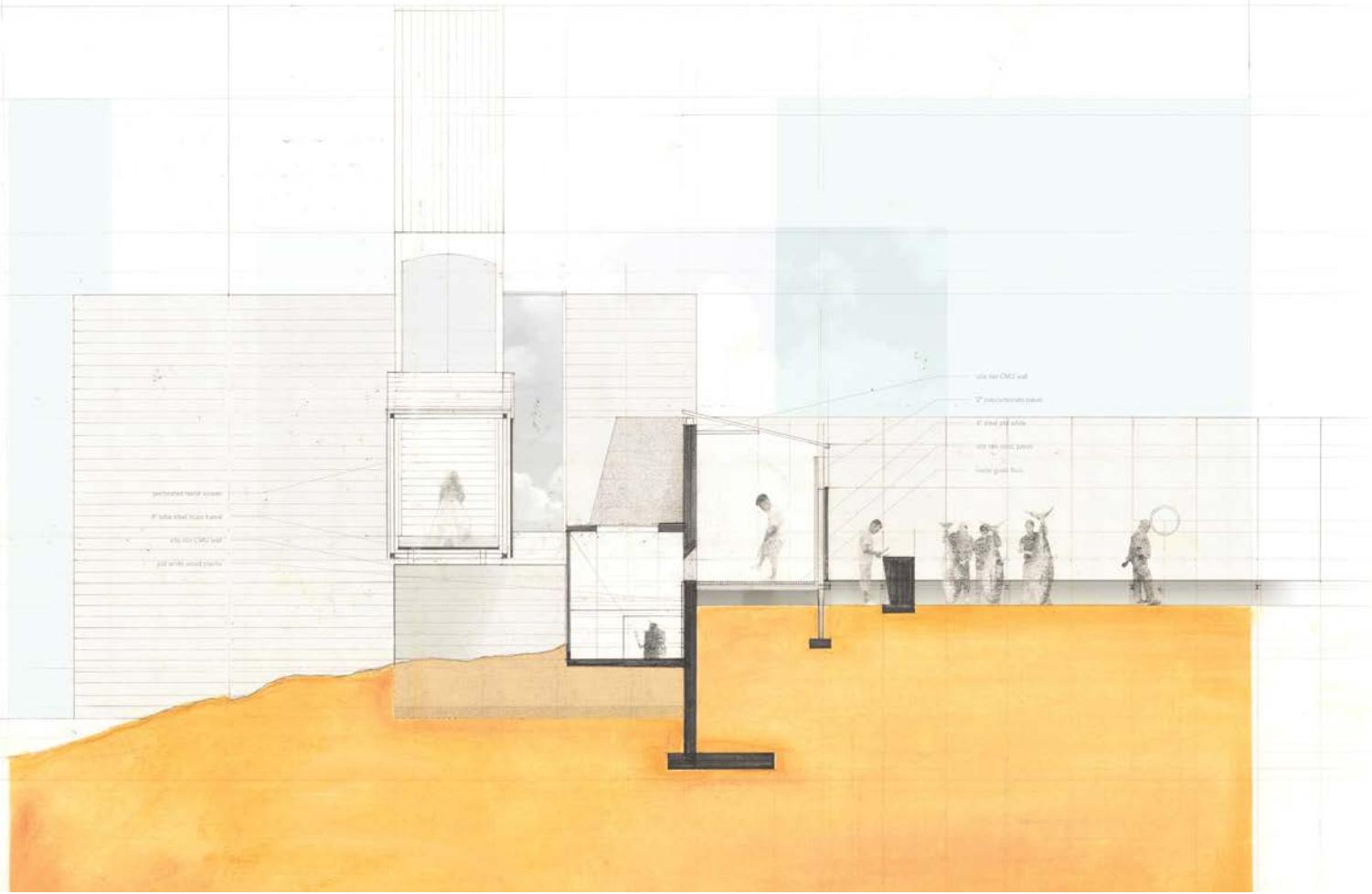
Ponte Vedra, Florida

Fall 2018 - Spring 2019

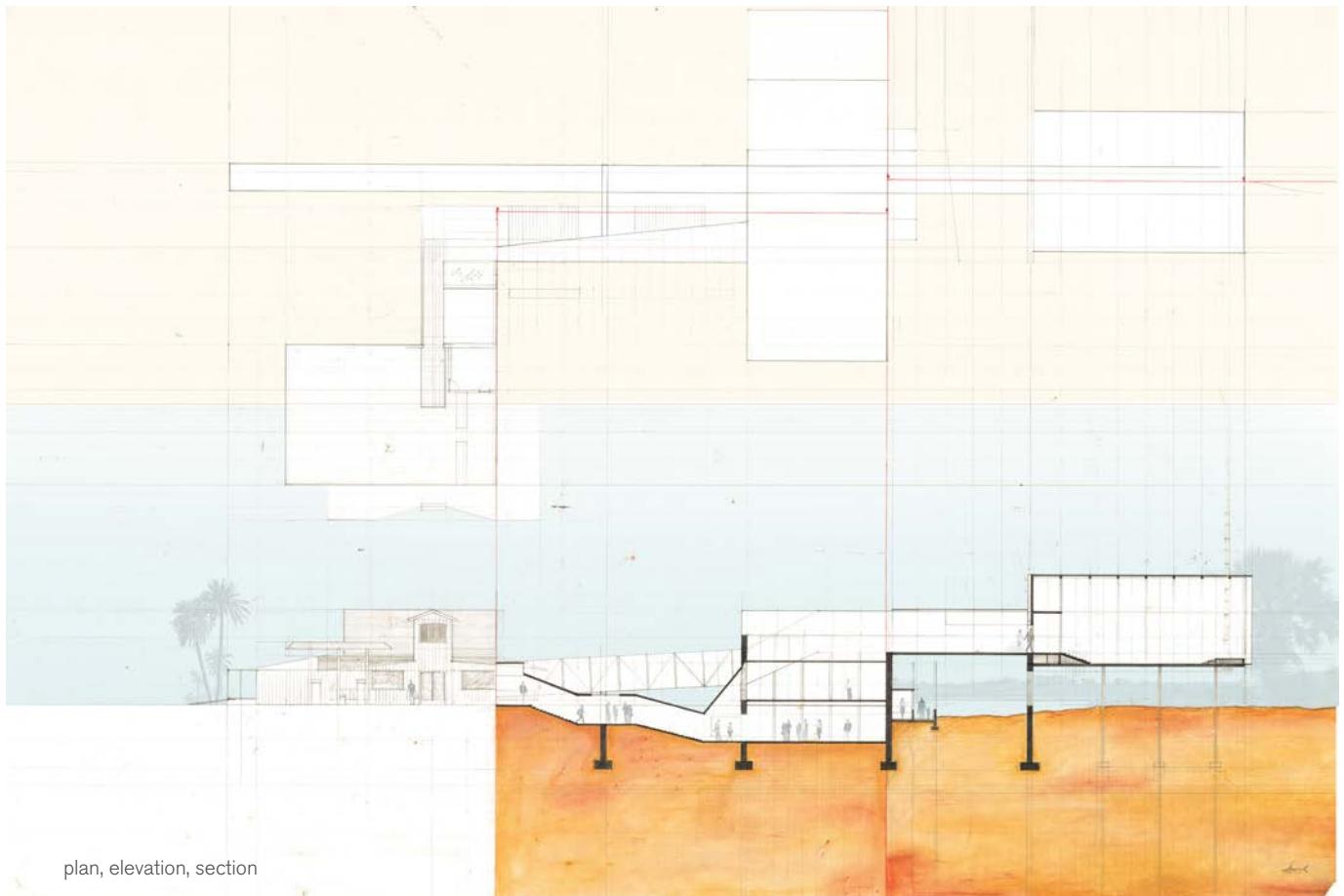
Situated between Jacksonville and St. Augustine, Florida along state road A1A, an ocean-side gas station provides an archetypal road-side site to investigate how articulating thresholds with different strategies can cultivate sense of place. Engaging with multiple layers of space in a variety of manners 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.





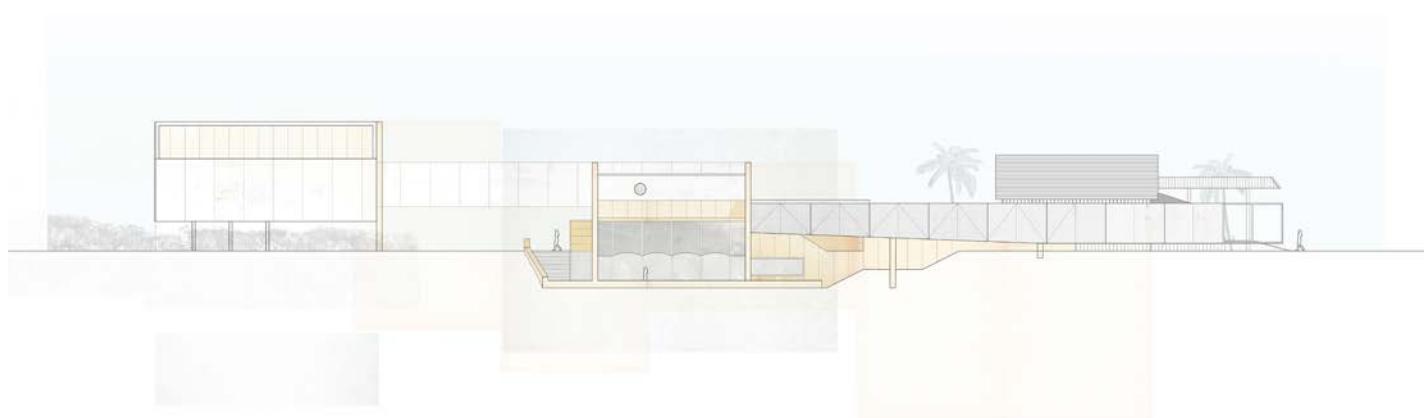


circulation section

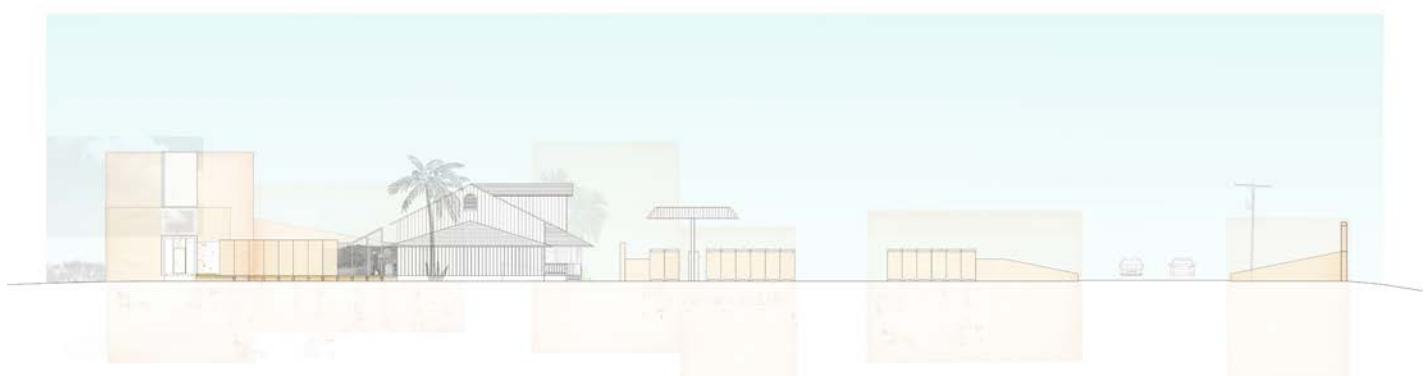




east elevation



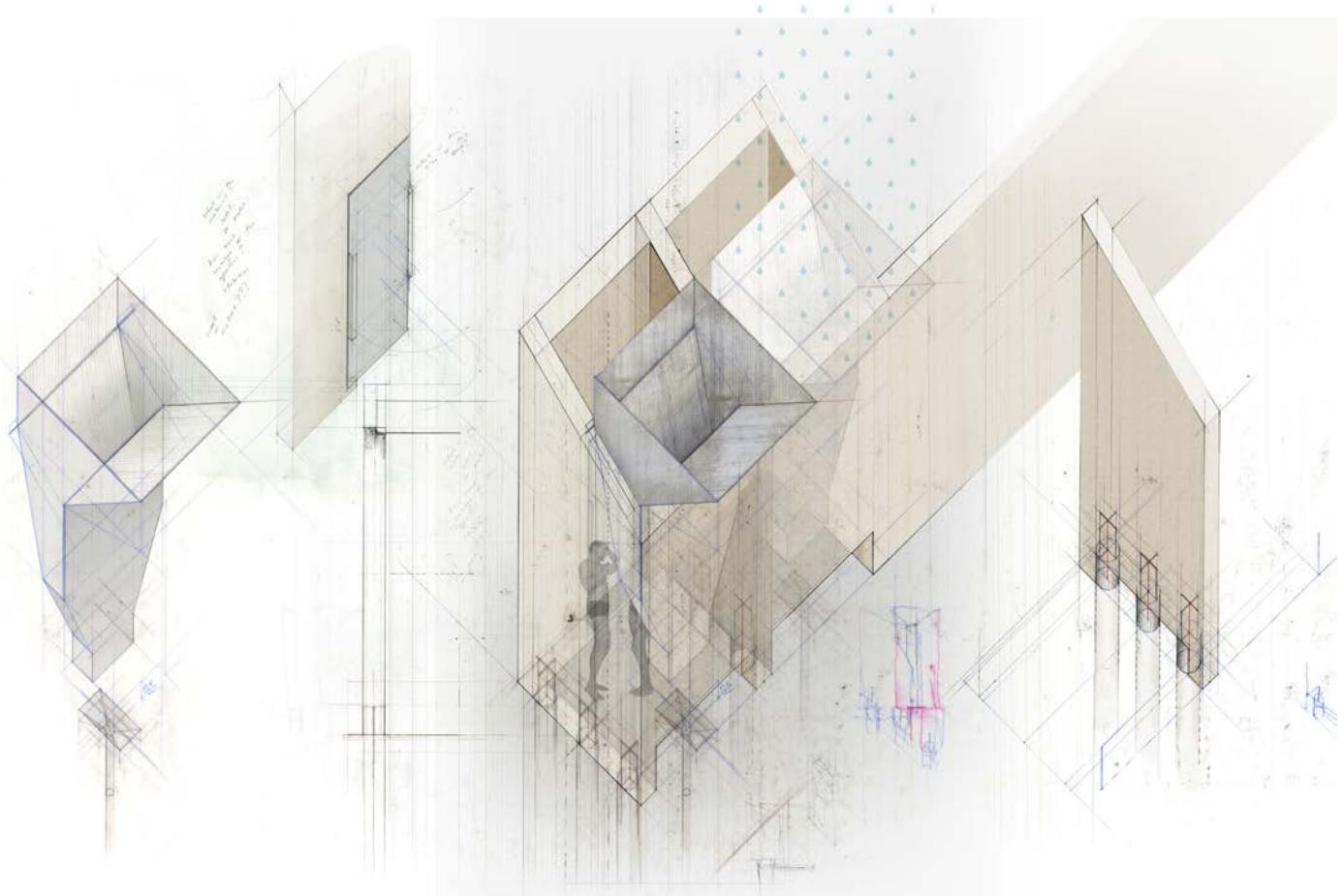
west elevation



south elevation



north elevation

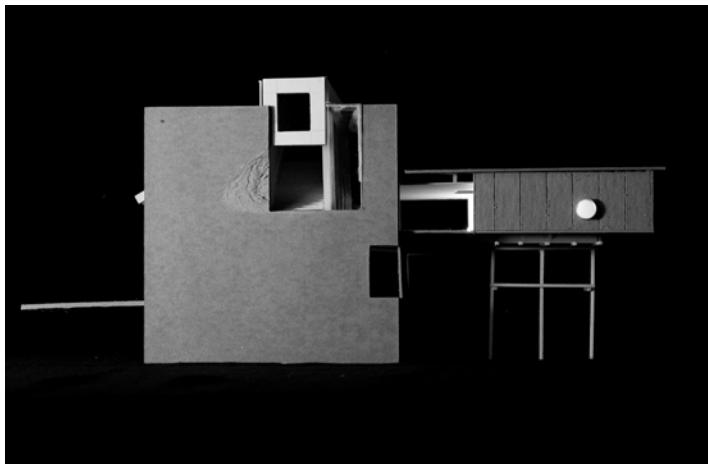
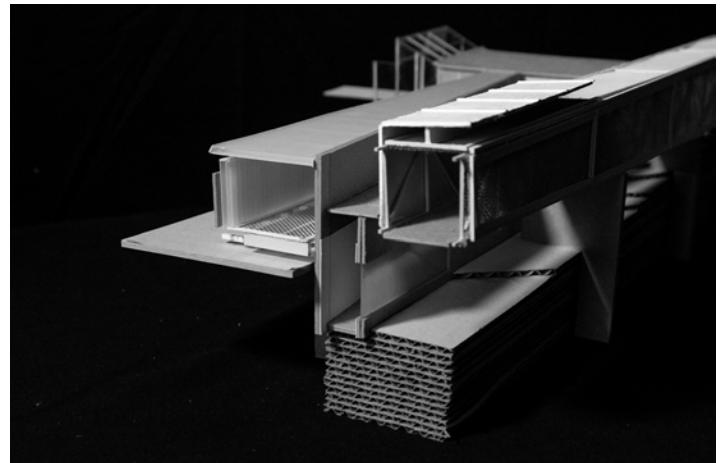
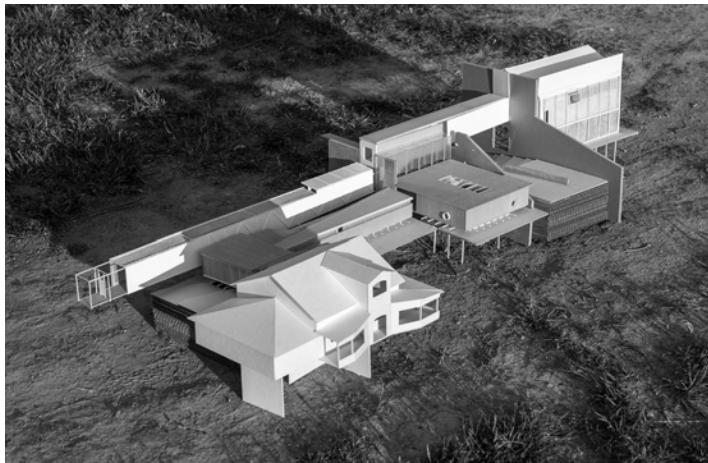
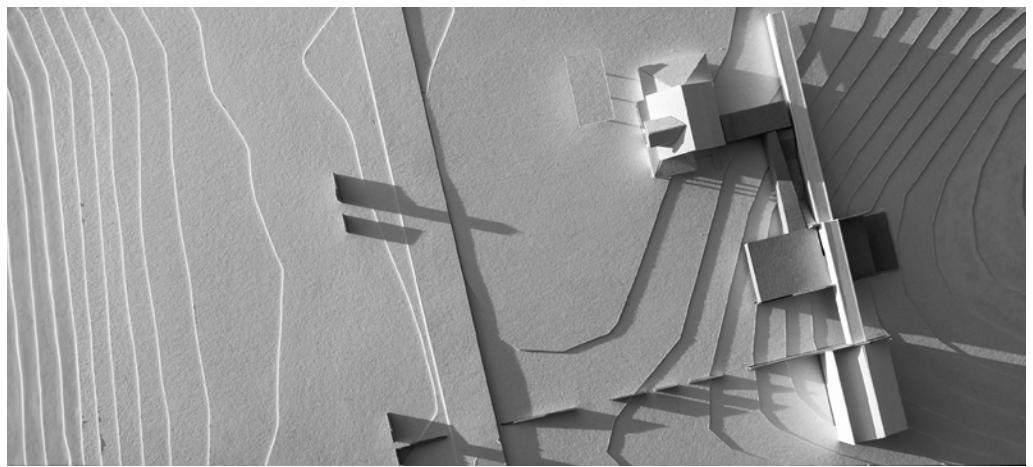
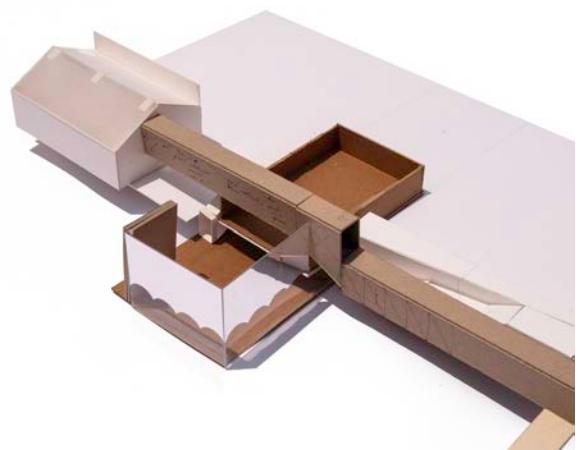
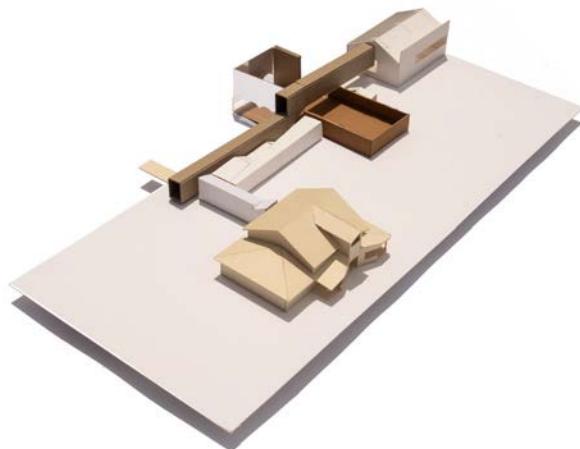


shower construction



early site plan iteration and imposed oblique

IMAGE

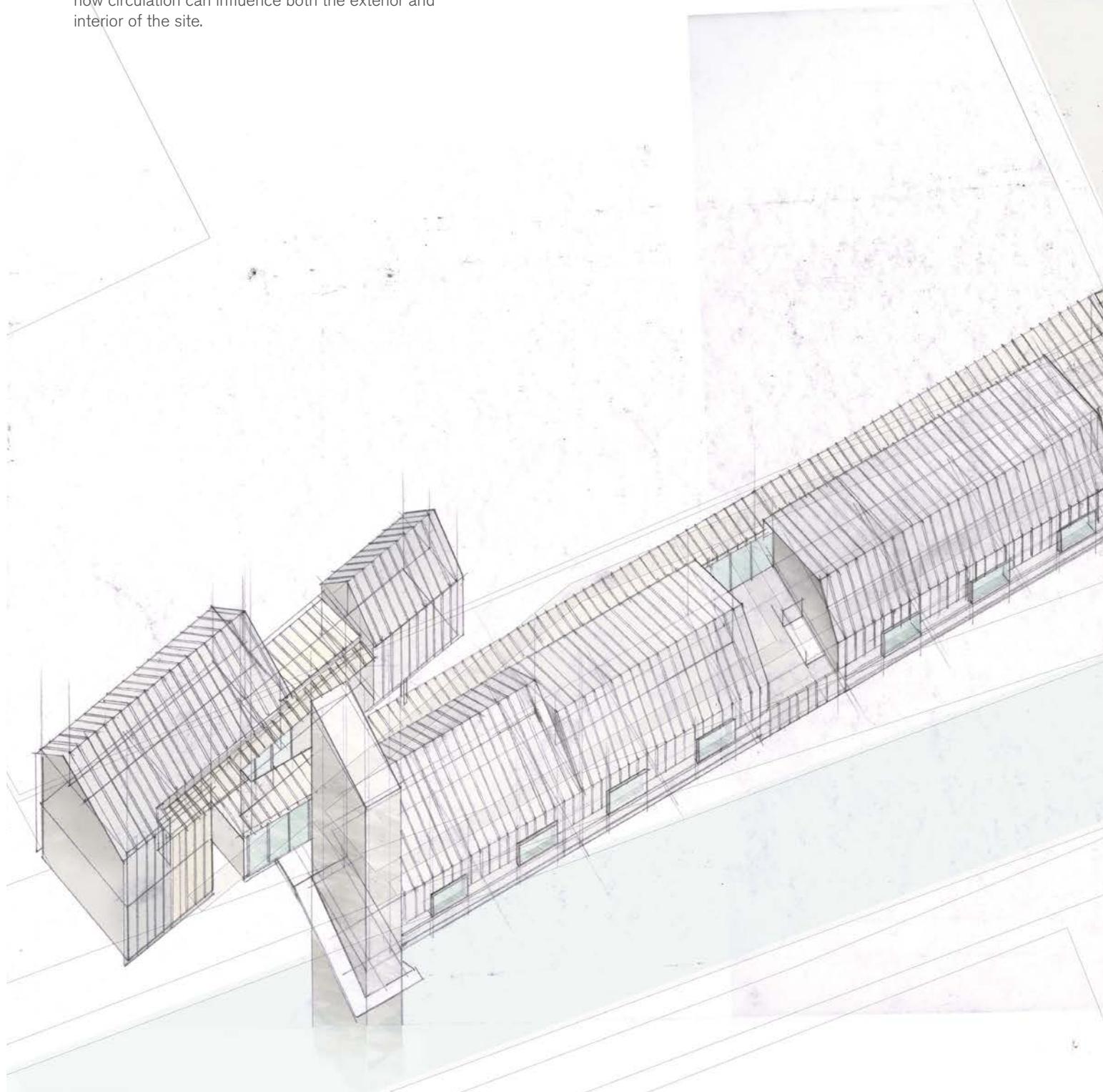


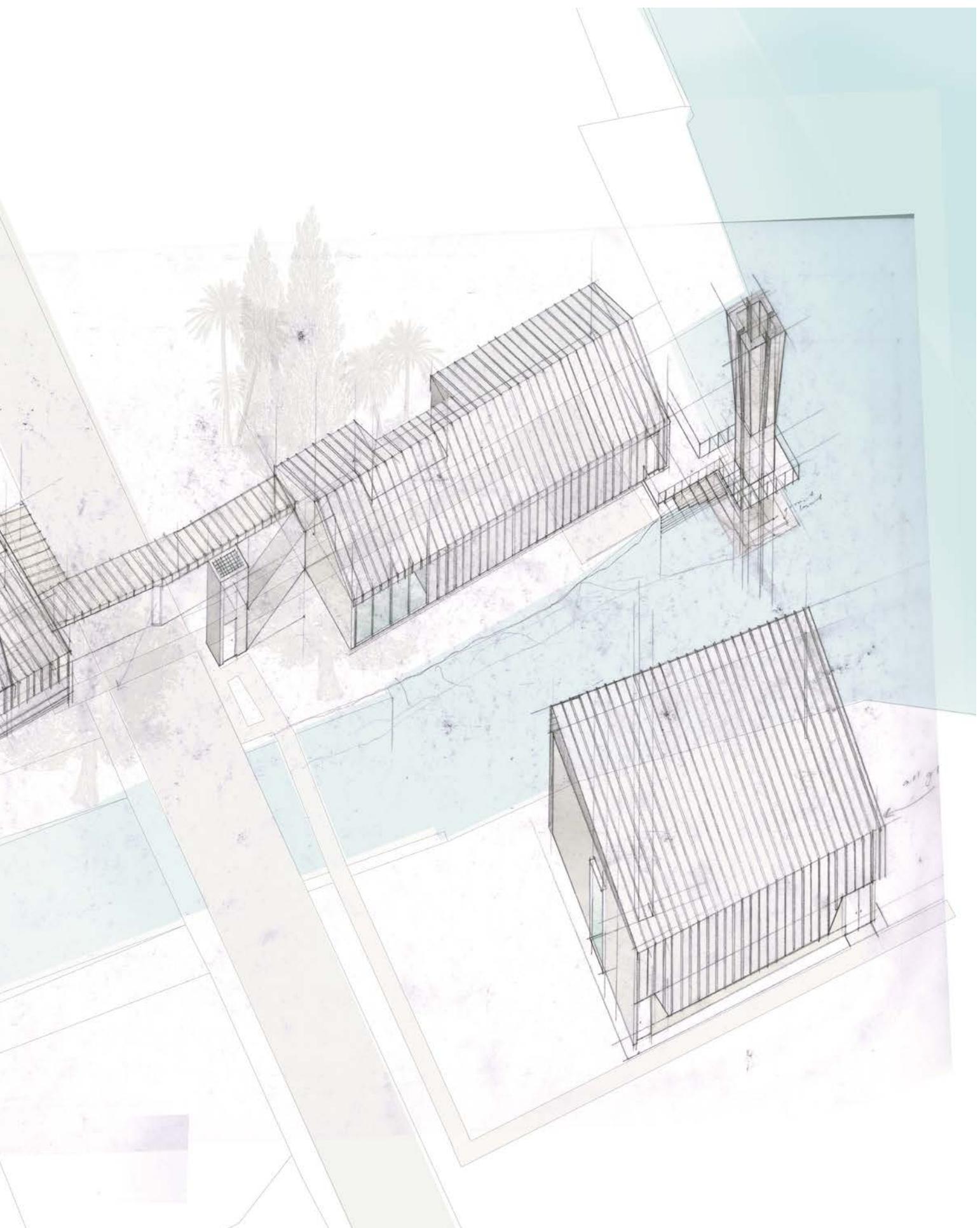
Hostel & Restaurant

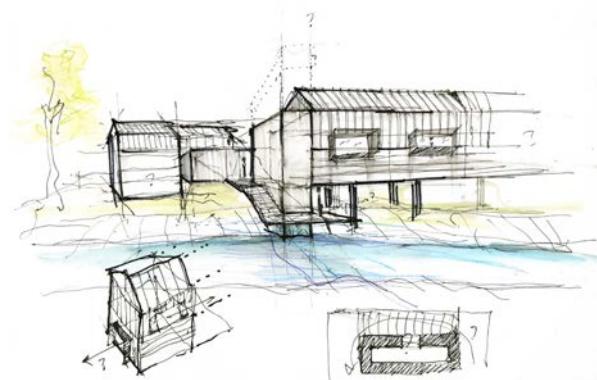
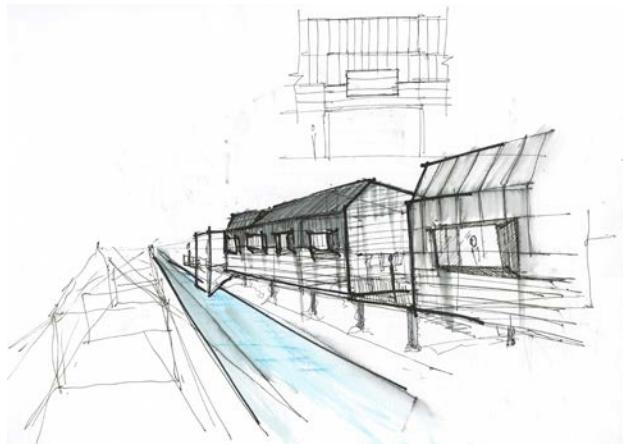
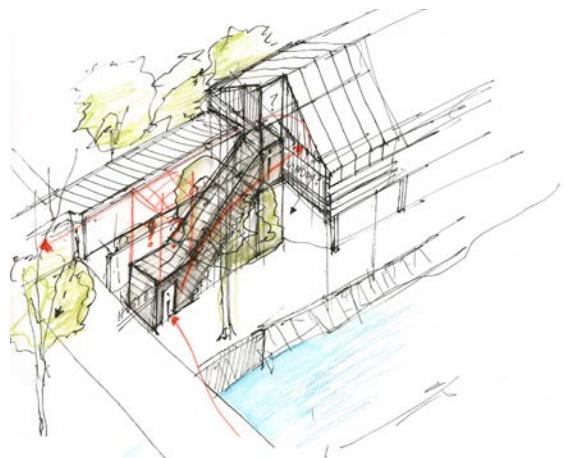
Riva San Vitale, Switzerland

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.



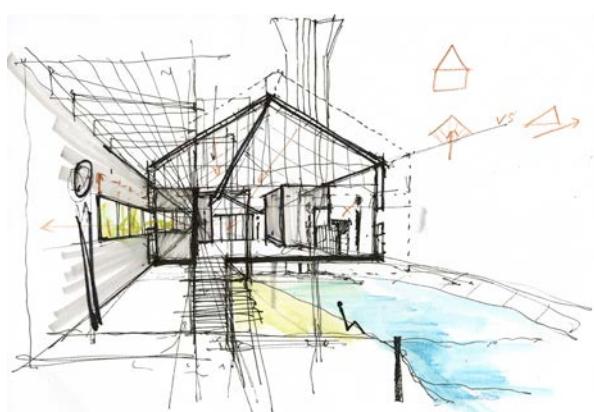
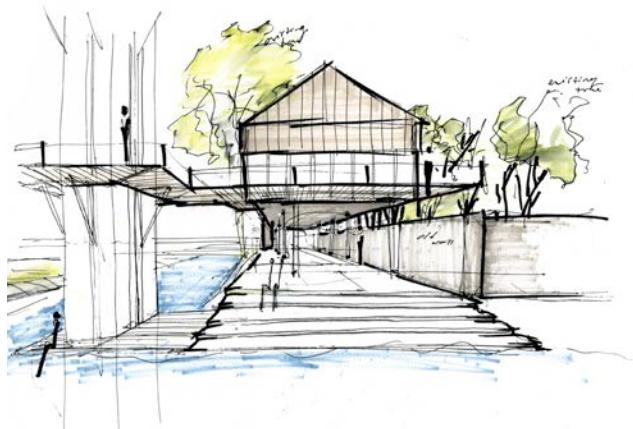




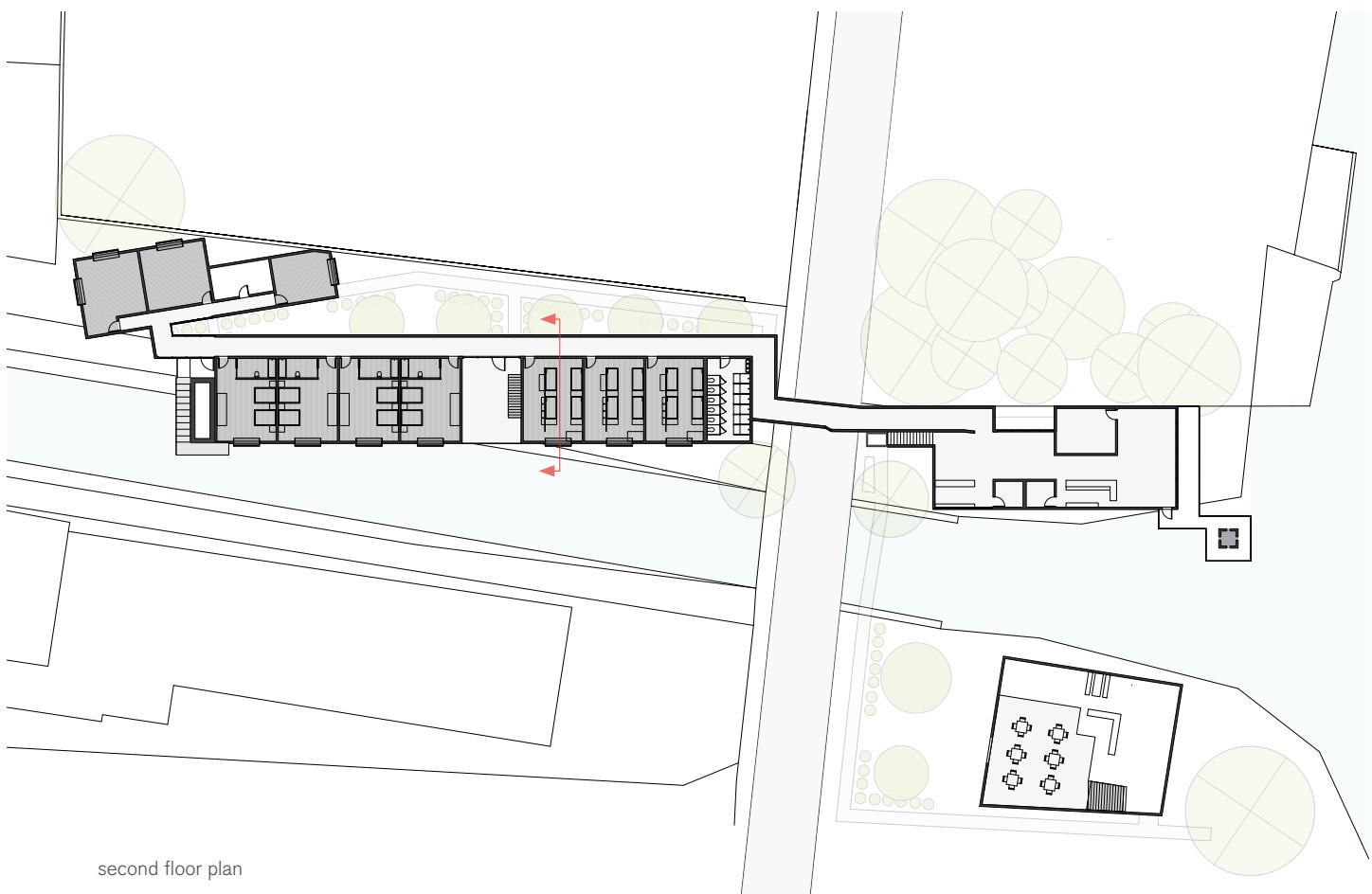
sketch views



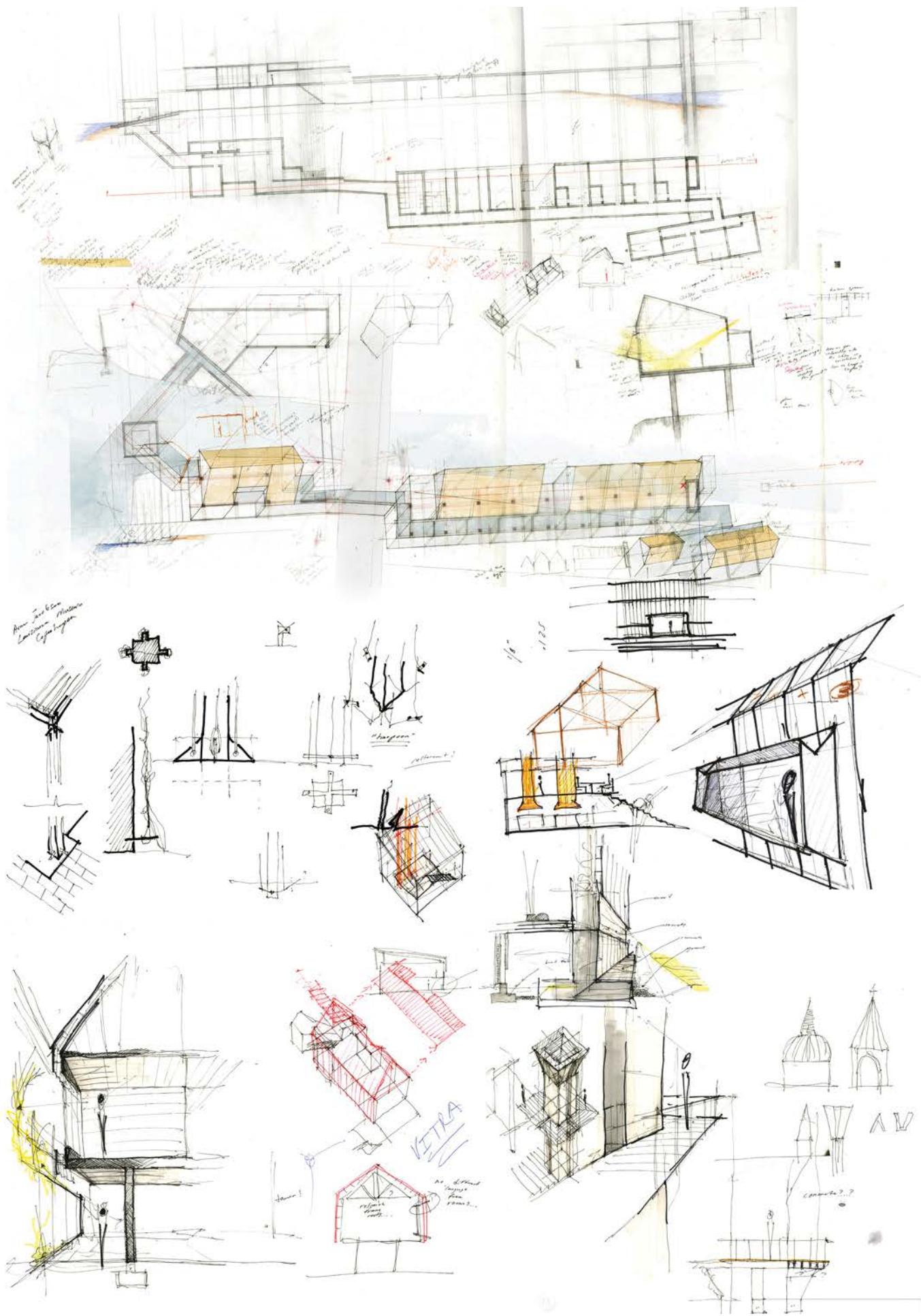
section through hostel unit

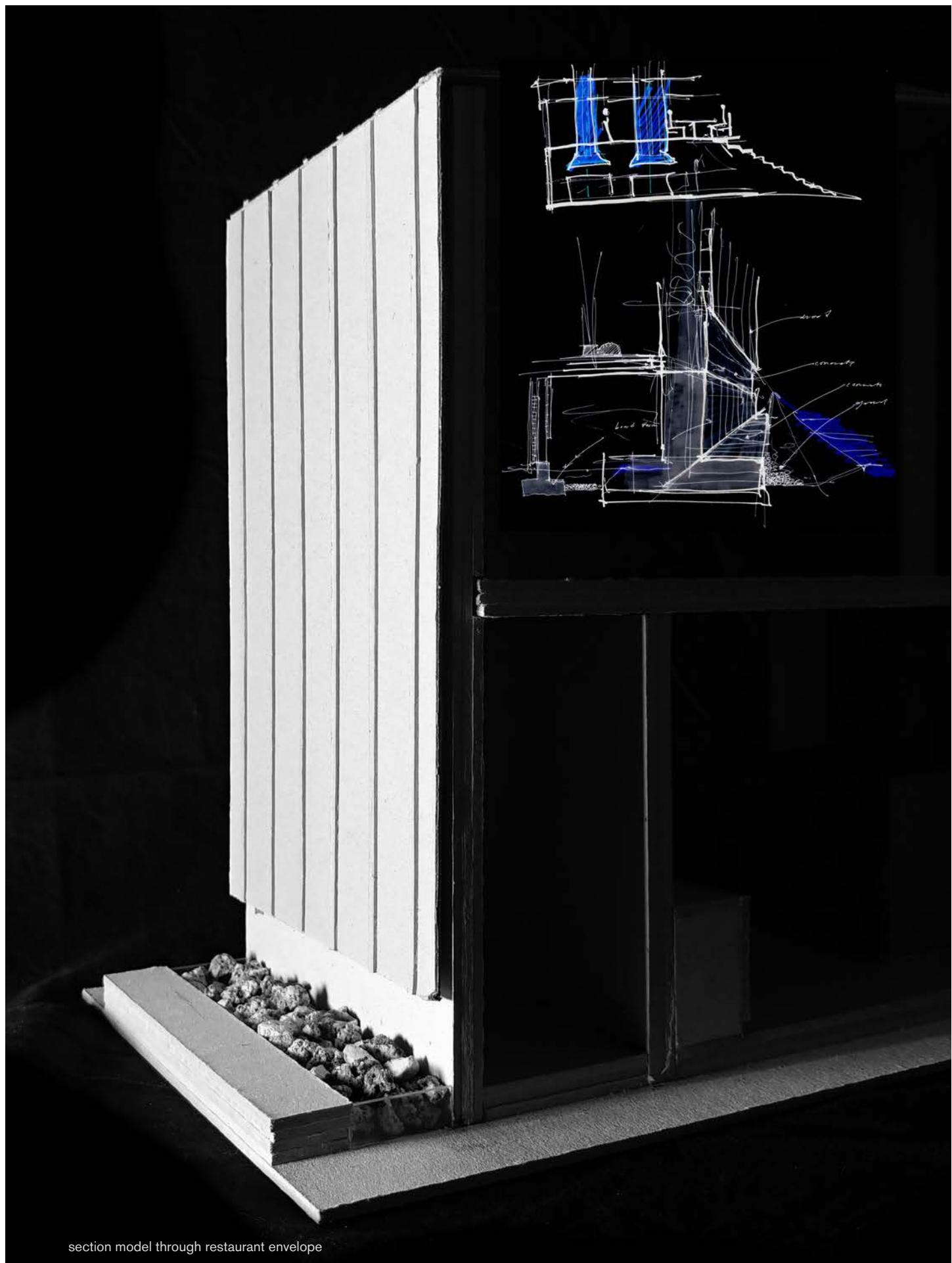


sketch views



second floor plan





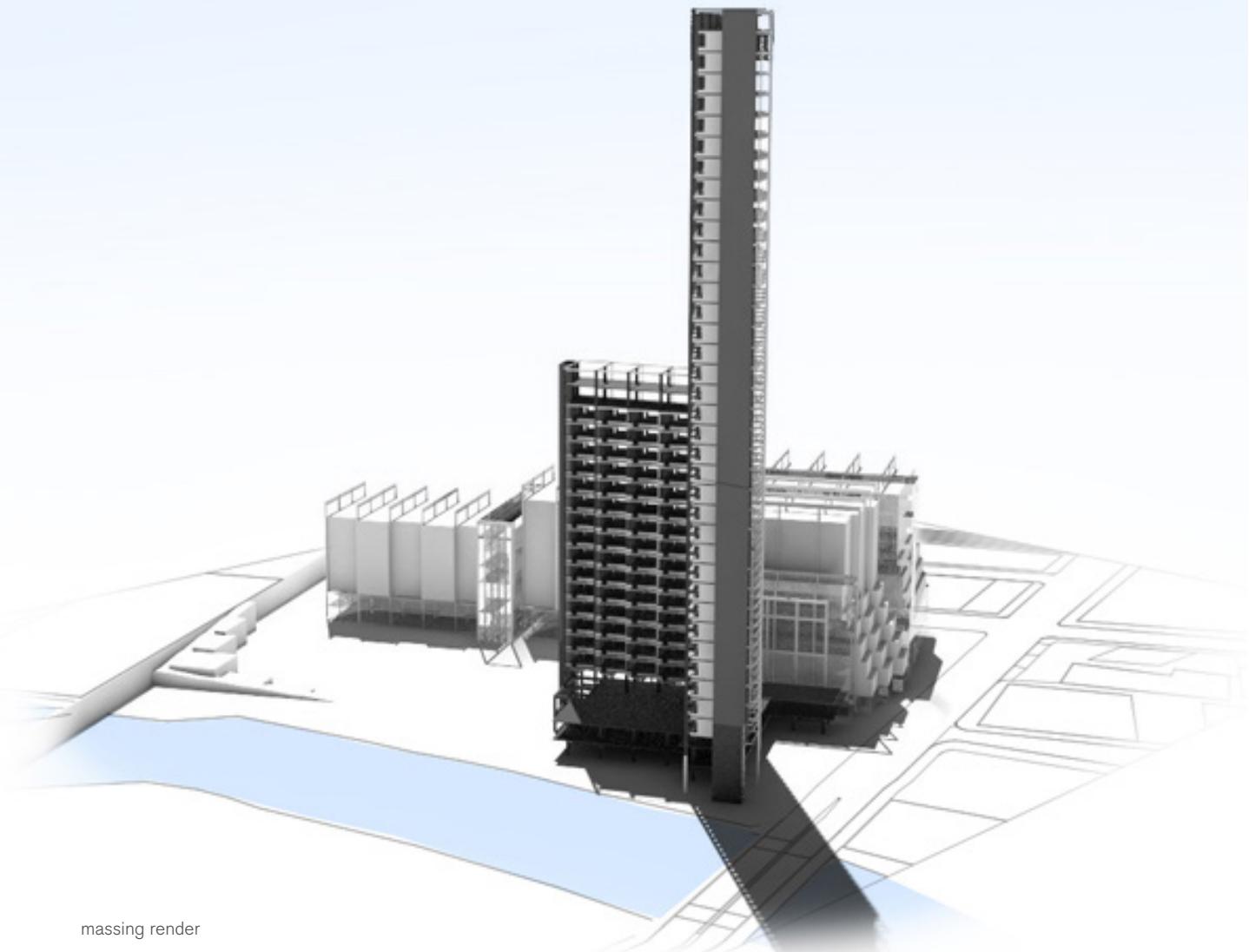
section model through restaurant envelope

Residential Tower

1859 North Elston St., Chicago, IL

Fall 2017

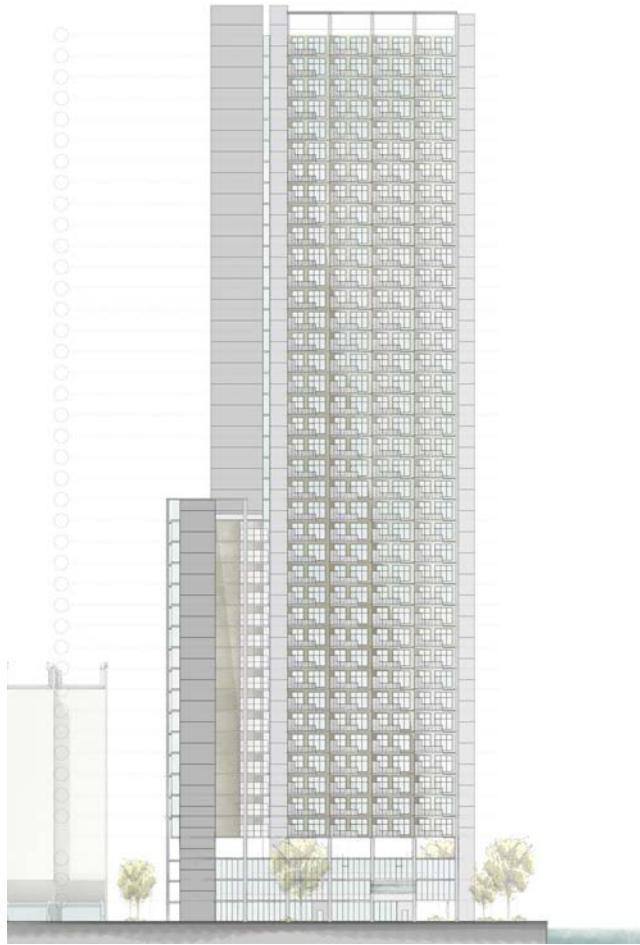
A one semester project completed in pairs while studying in Chicago. (Partner: Micajah Tucker) A 200,000 square foot residential requirement was to be considered, as well as planning an additional 6-800,000 square feet of retail and commercial space. 35% of the site was to remain open. Final requirements 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.



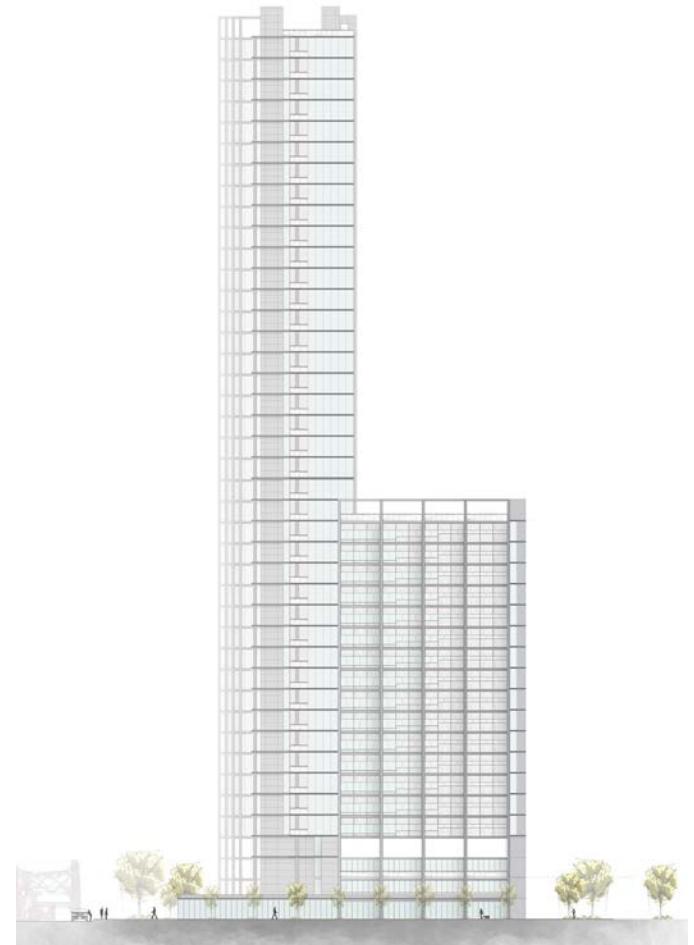
massing render



section through unit kitchen and circulation

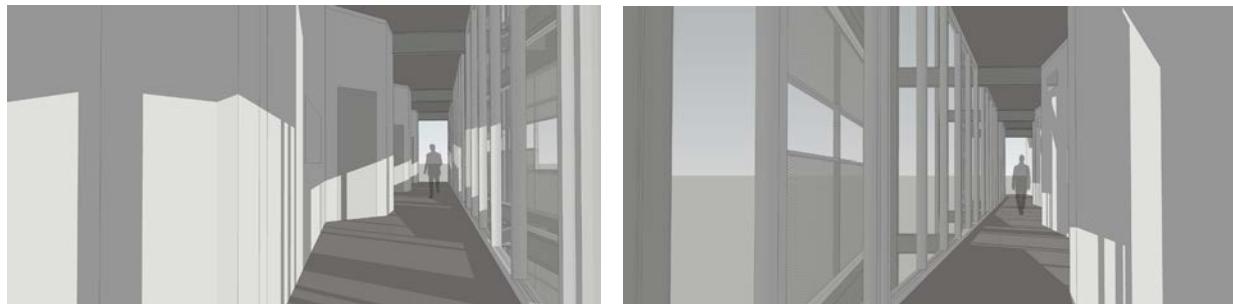
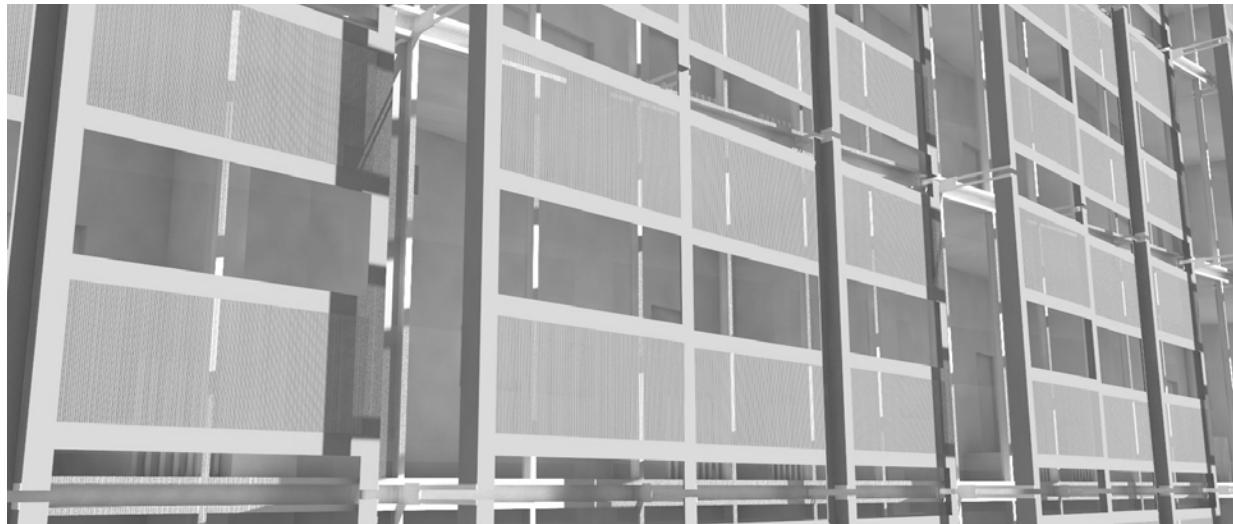


river elevation

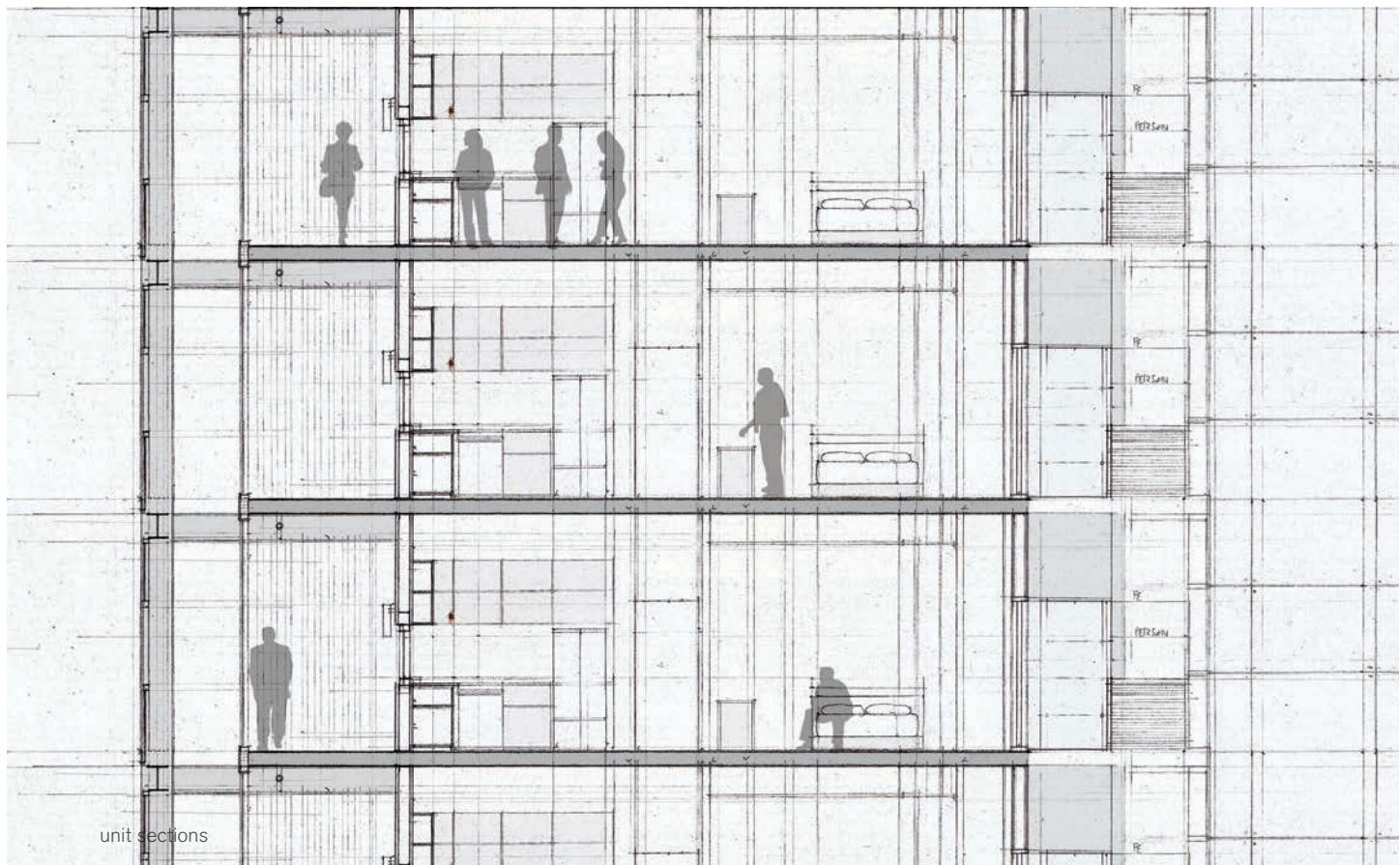


W Cortland street elevation

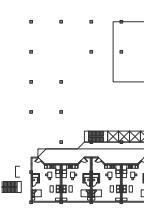
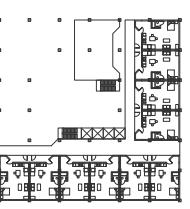
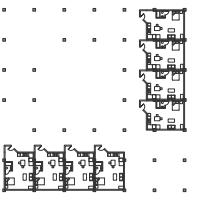
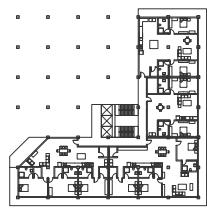
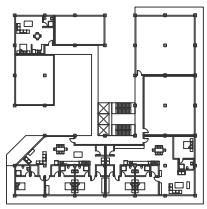
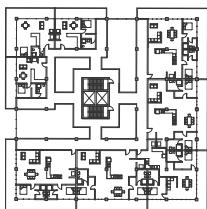




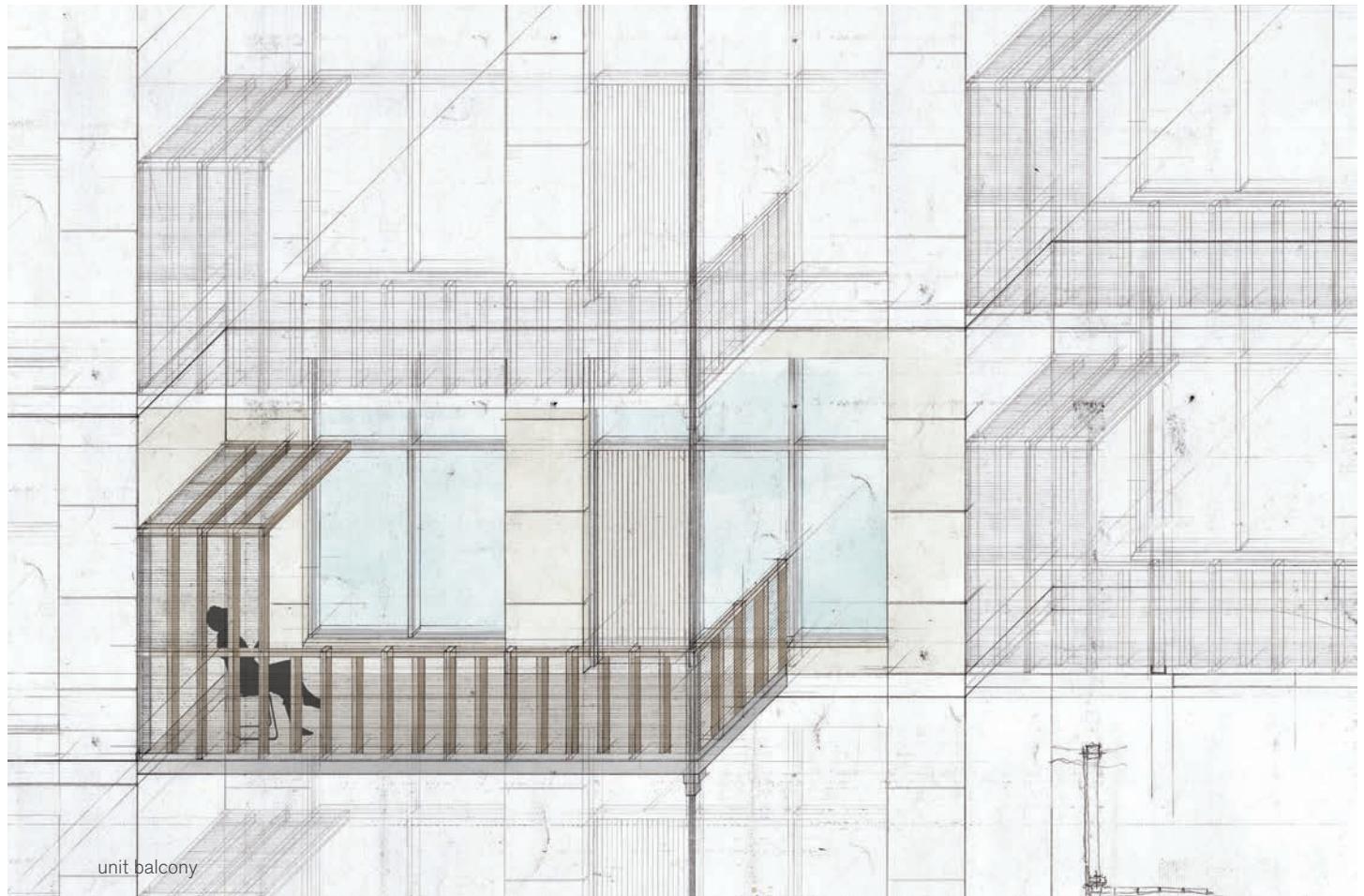
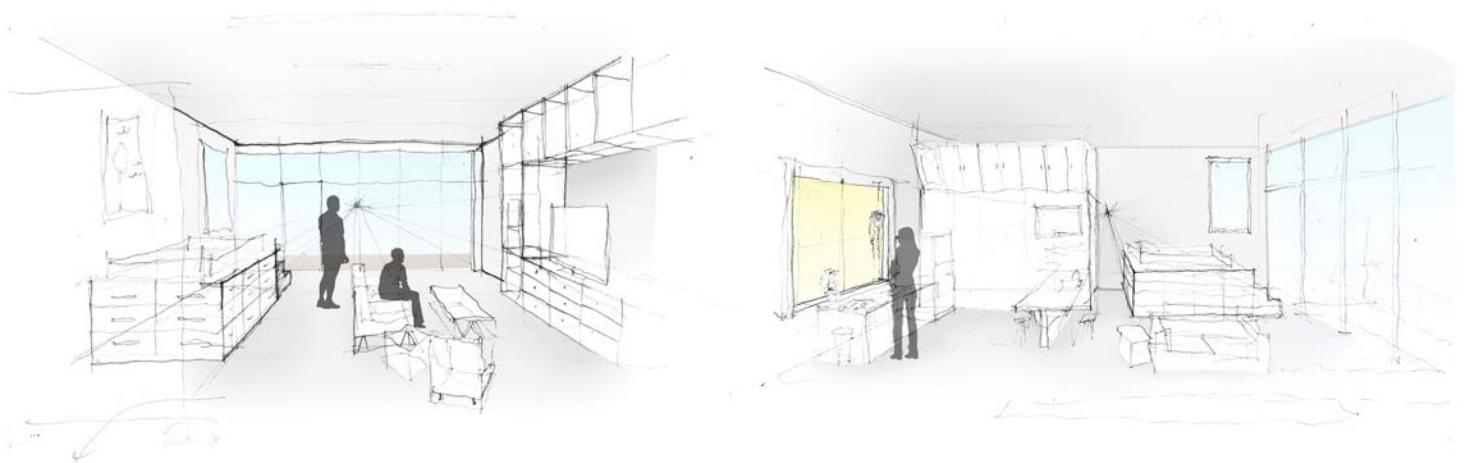
circulation space renders



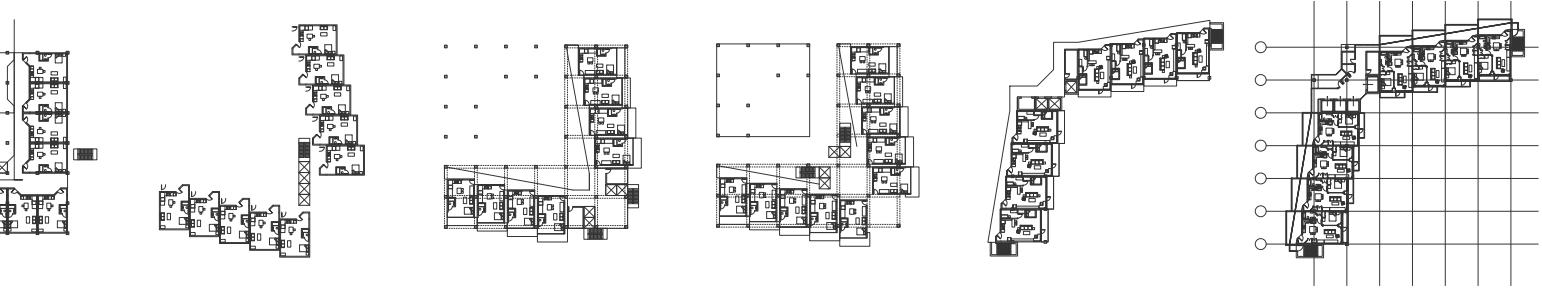
unit sections



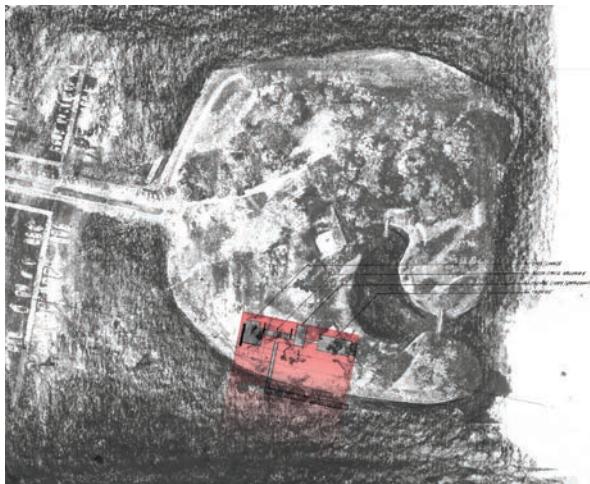
evolution of plan



unit balcony



typical unit floor plan



Tversarri Island



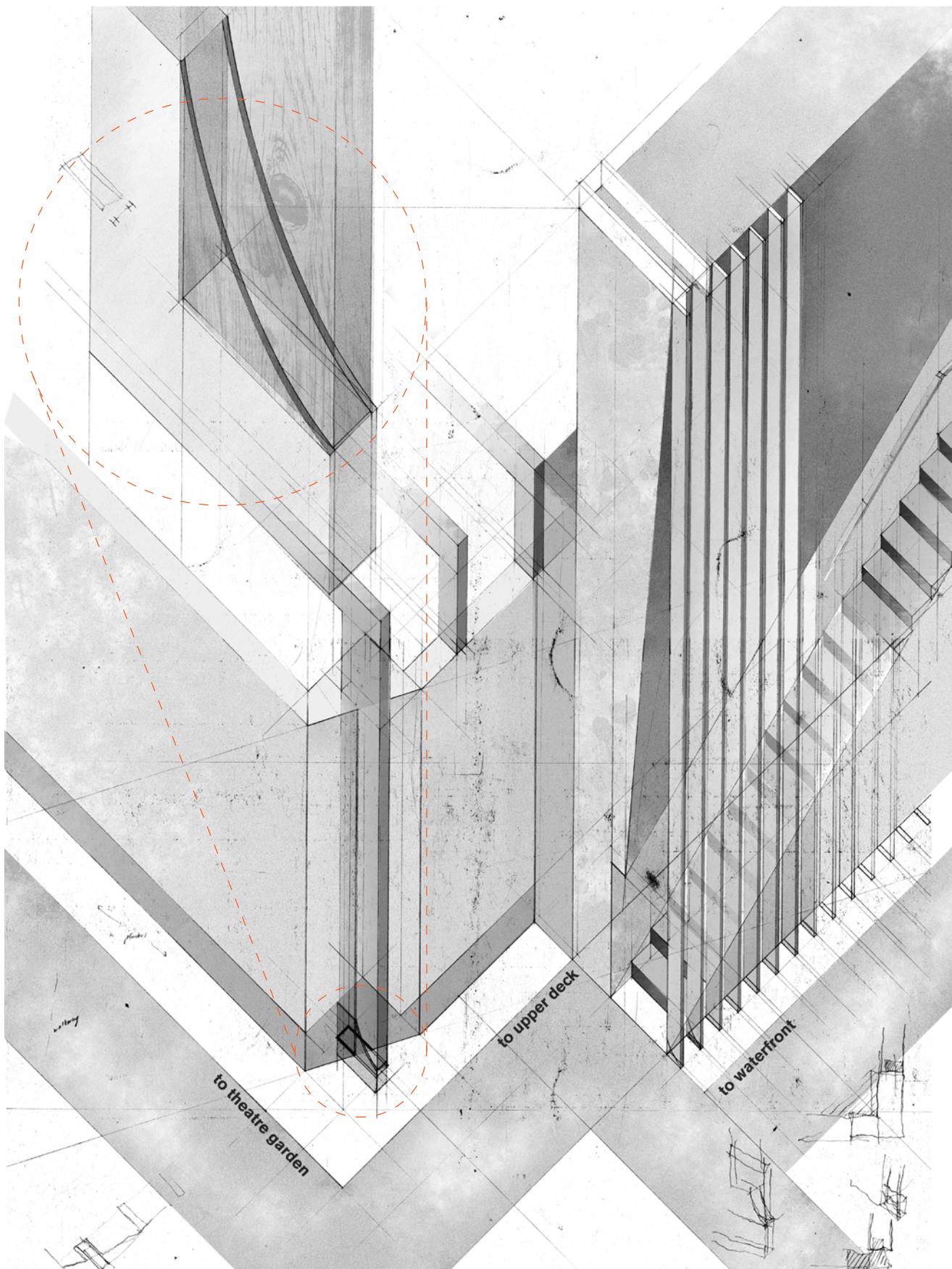
Waterfront Center for the Arts

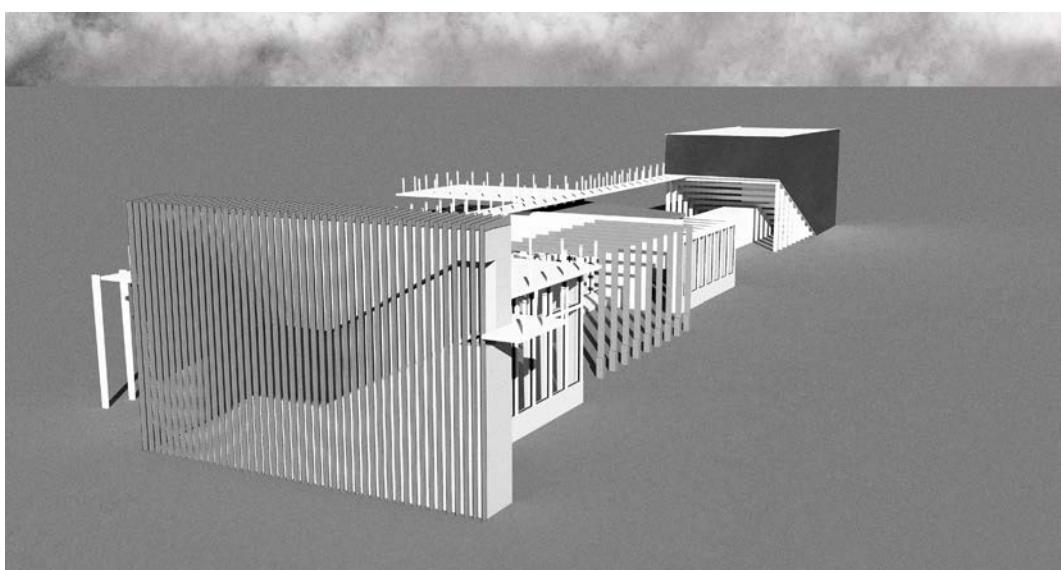
Helsinki, Finland

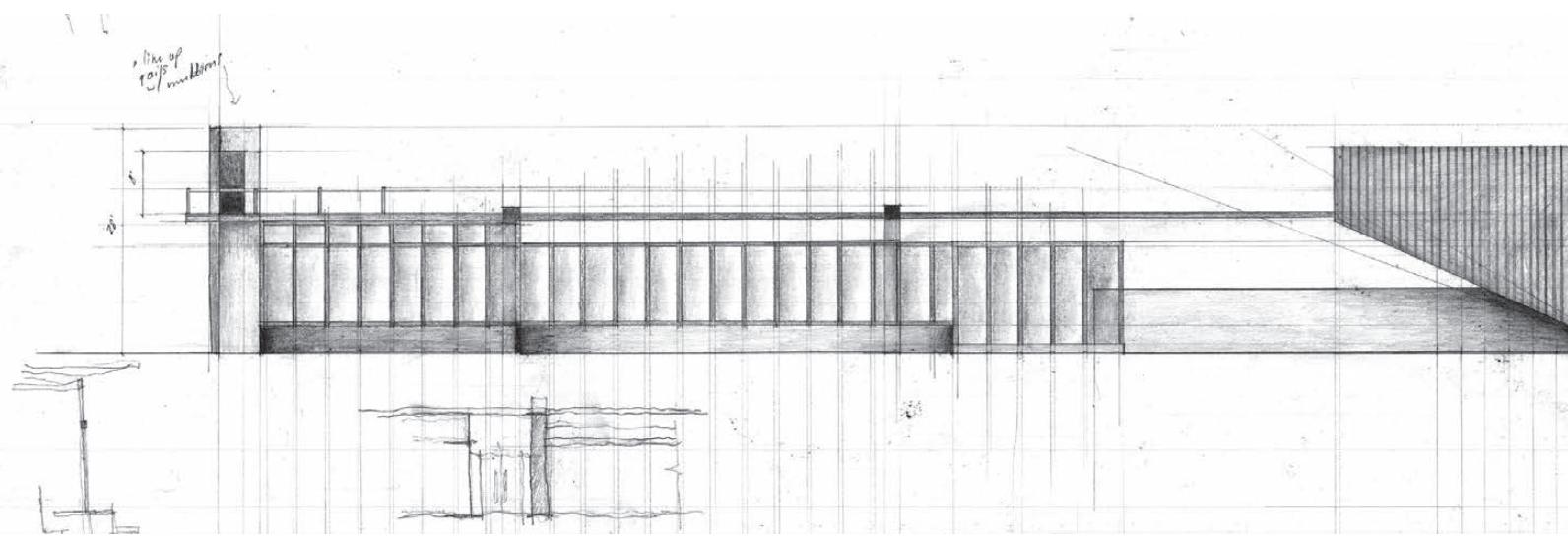
Spring 2017

A theatre and cafe situated on the coast of Tervesarri 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.

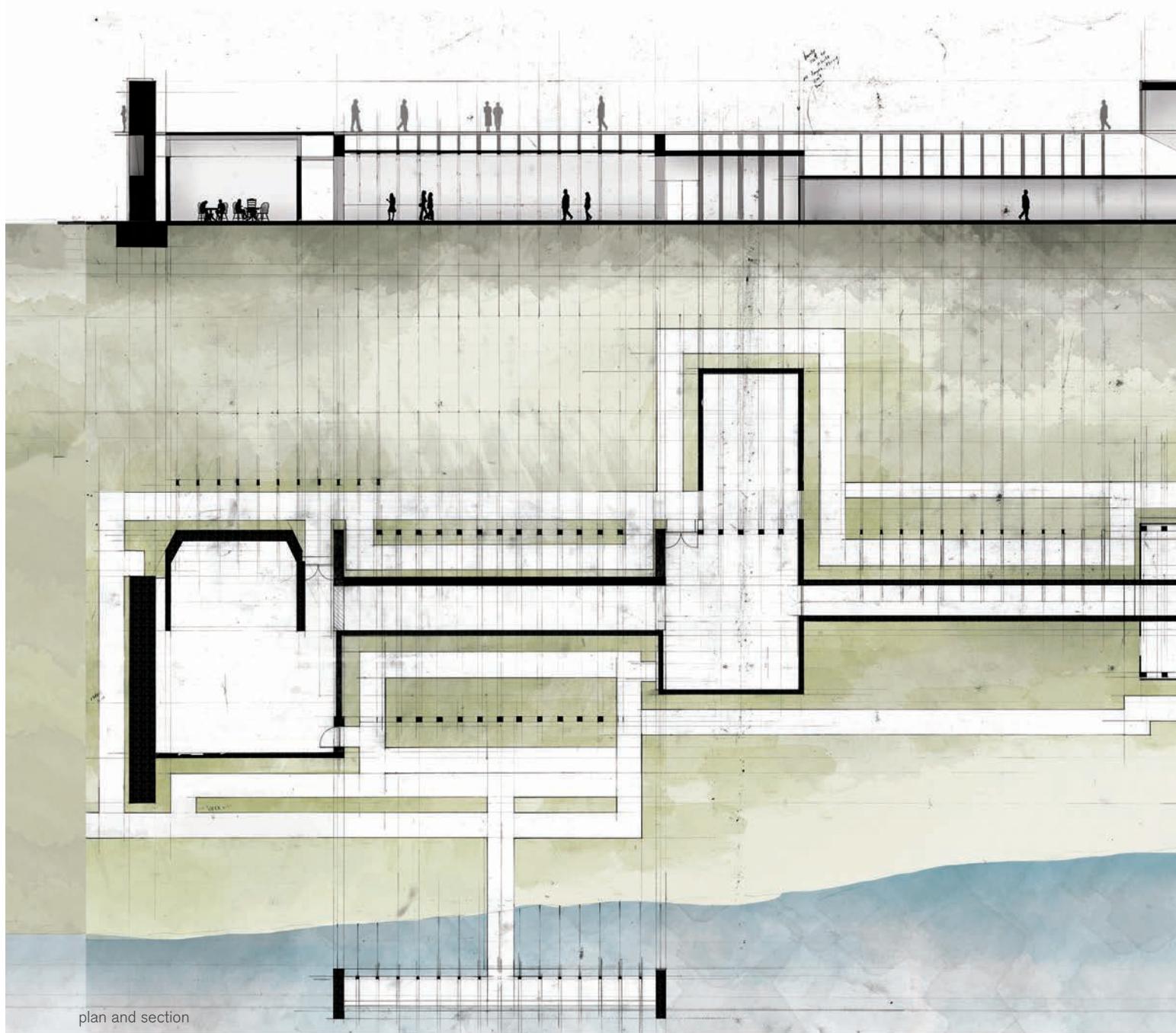




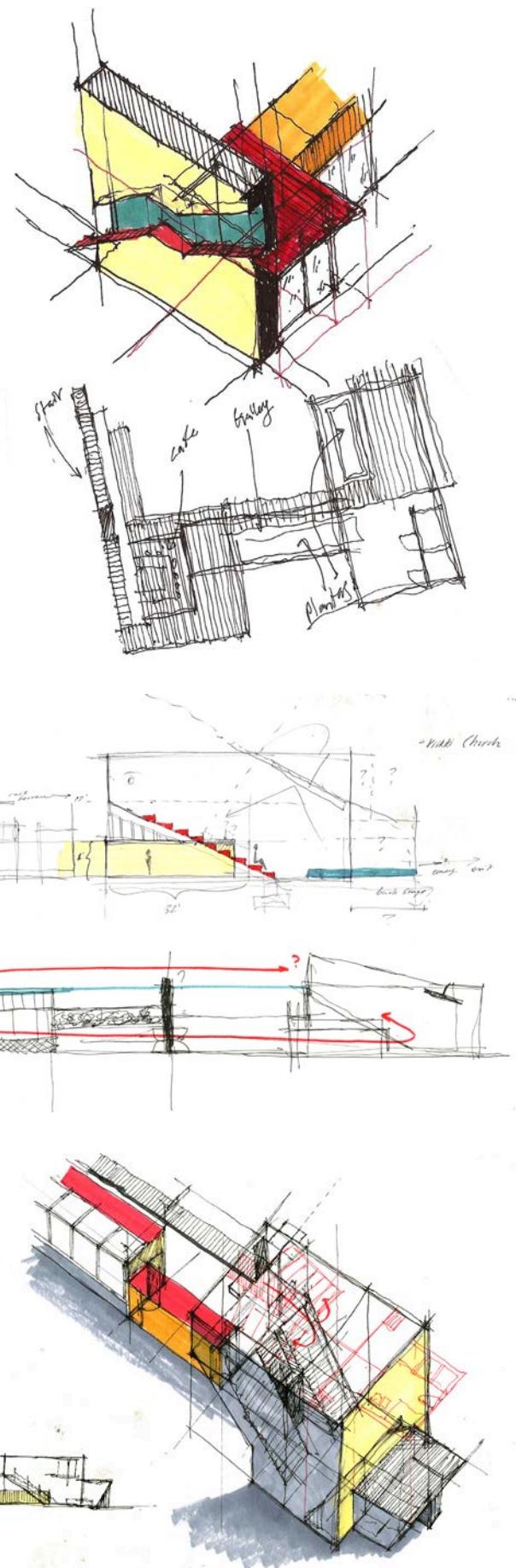
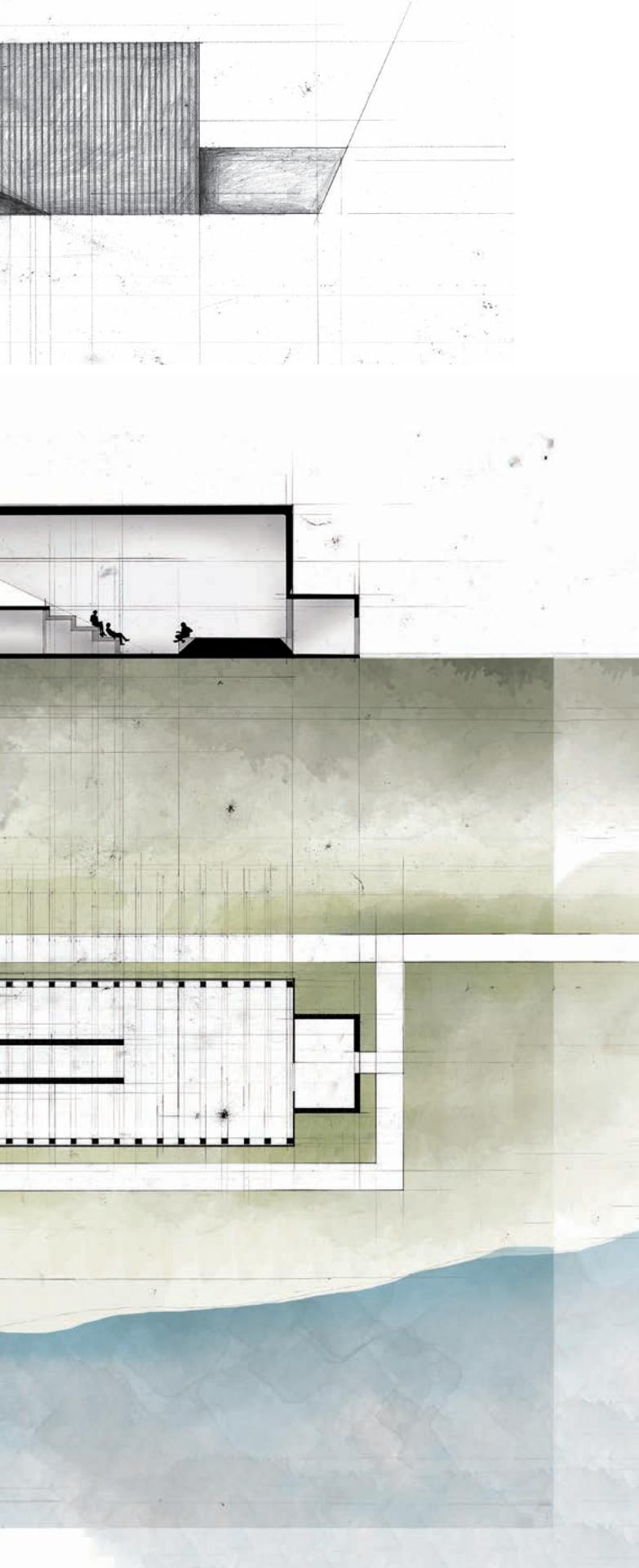




early elevation iteration



plan and section

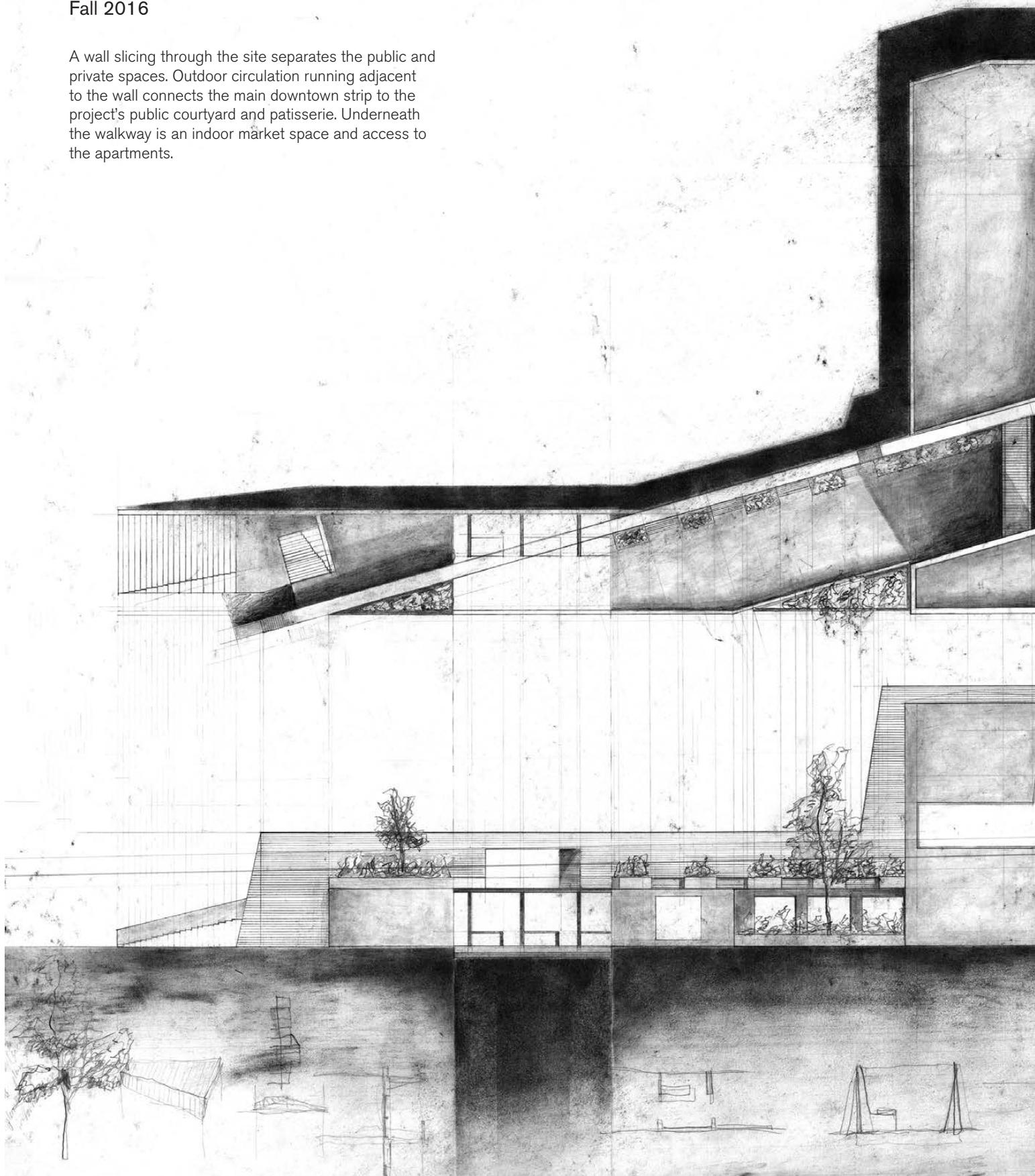


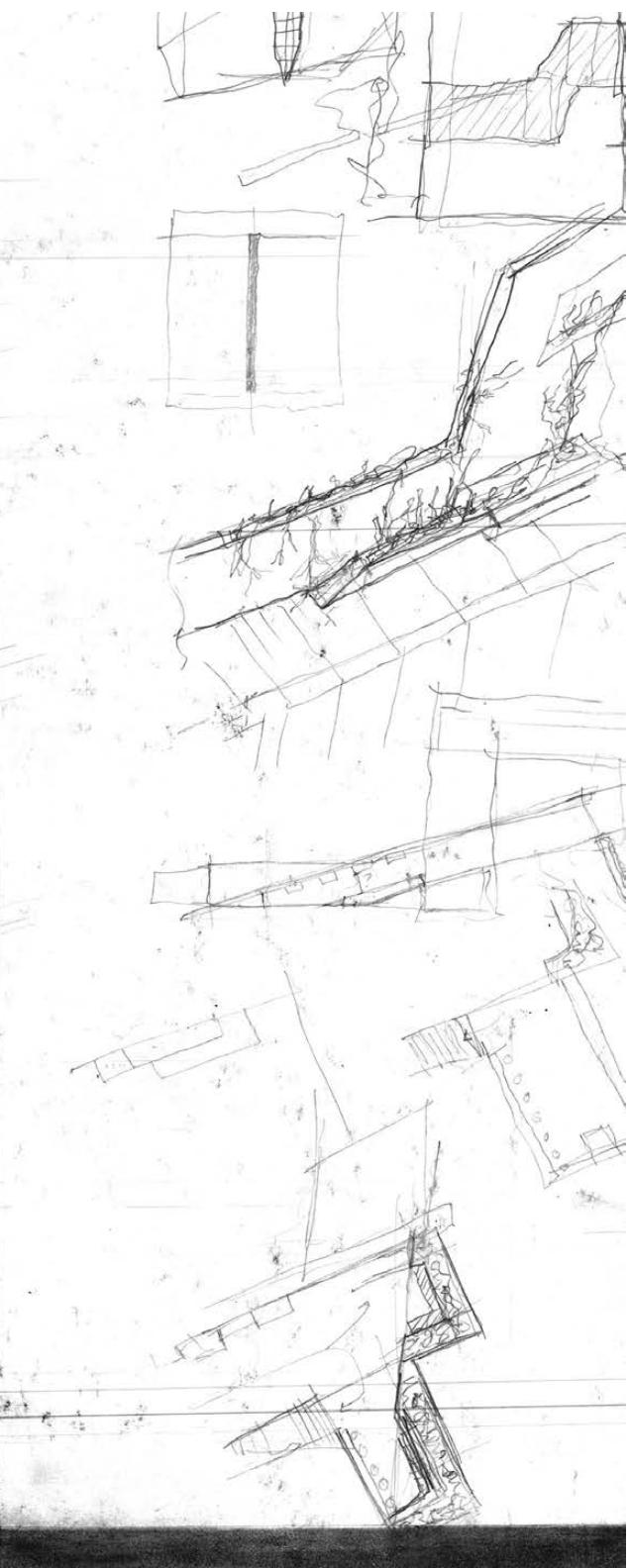
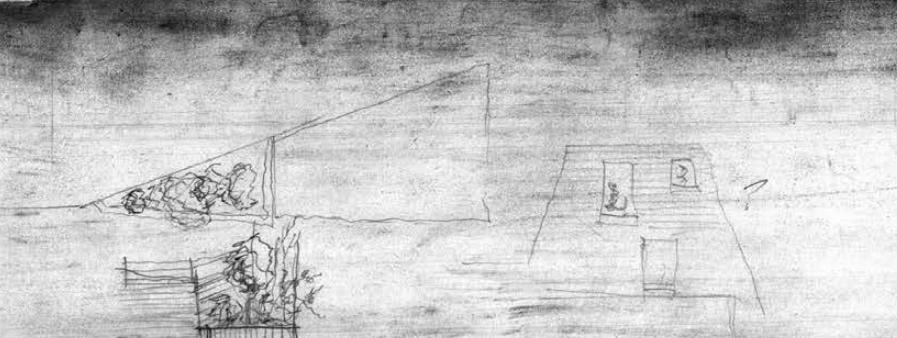
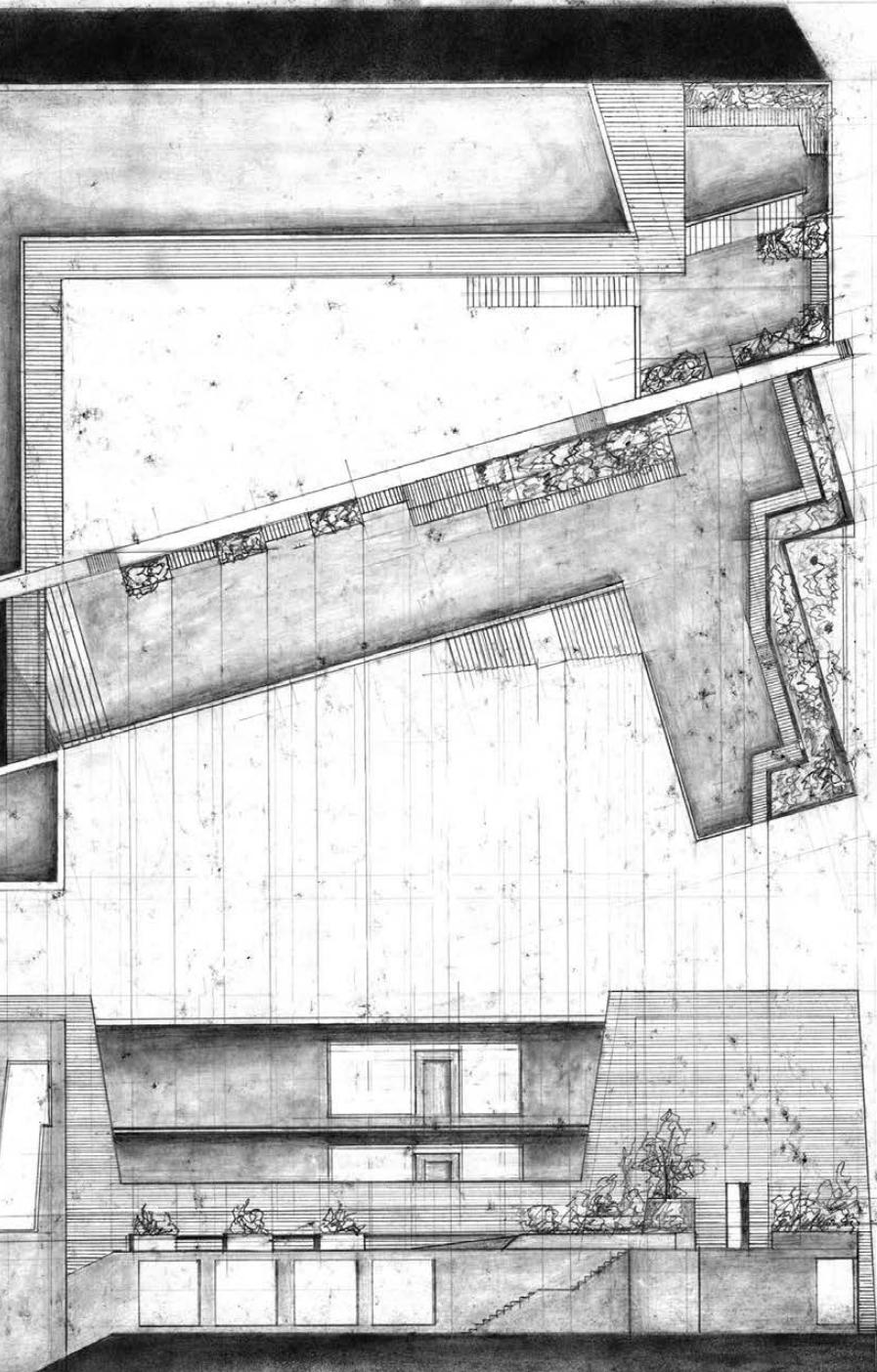
Bakery and Apartments

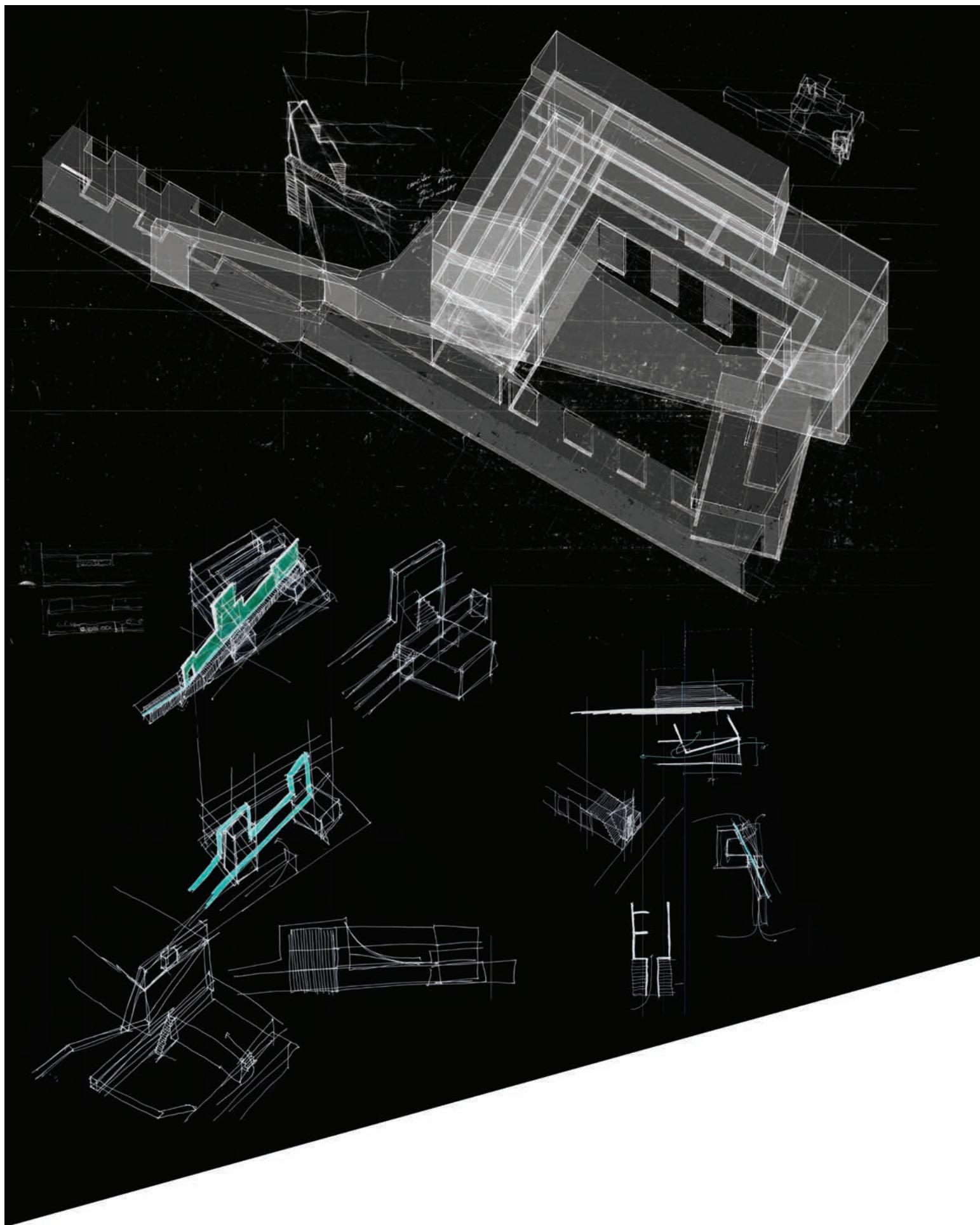
Blacksburg, Virginia

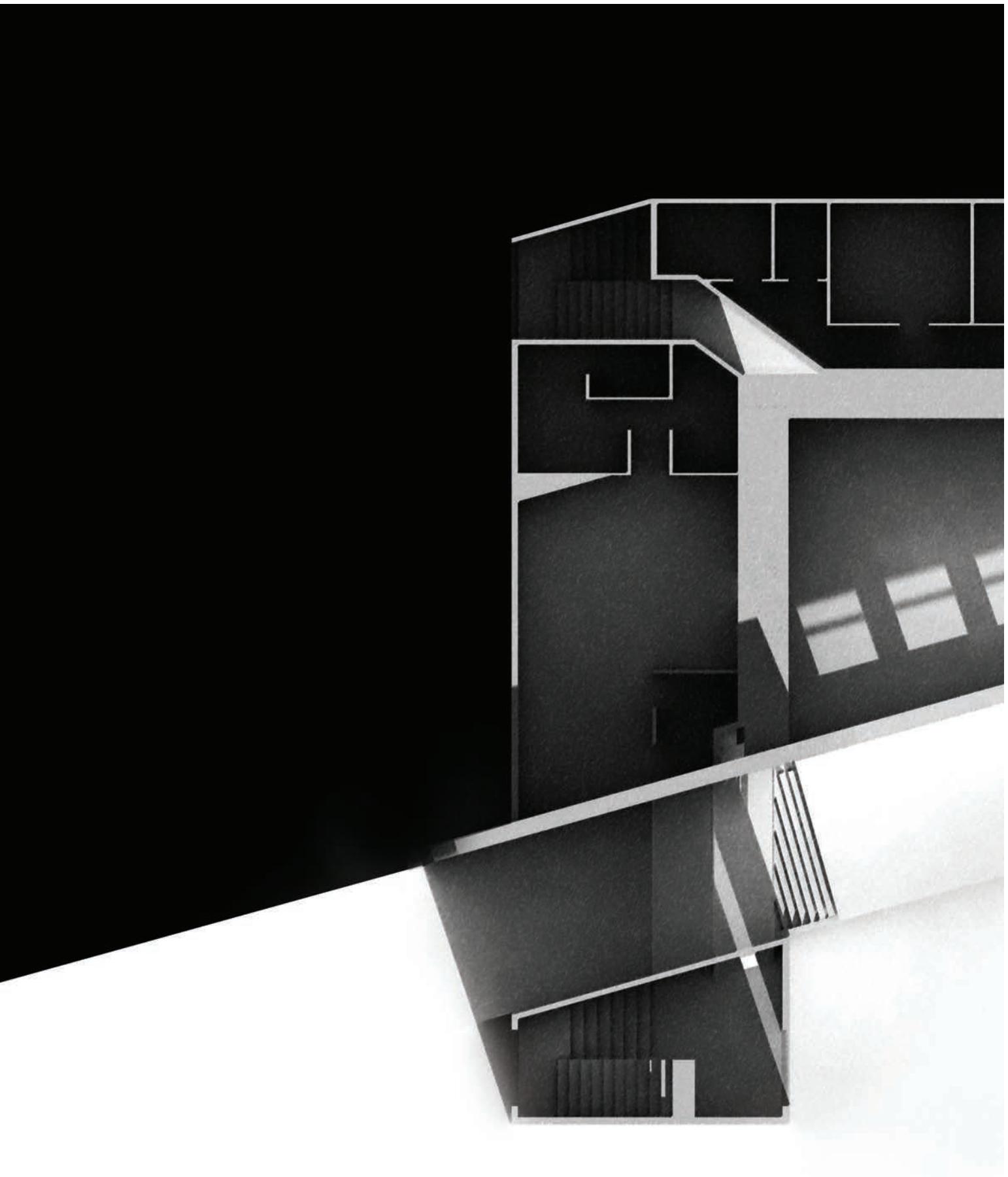
Fall 2016

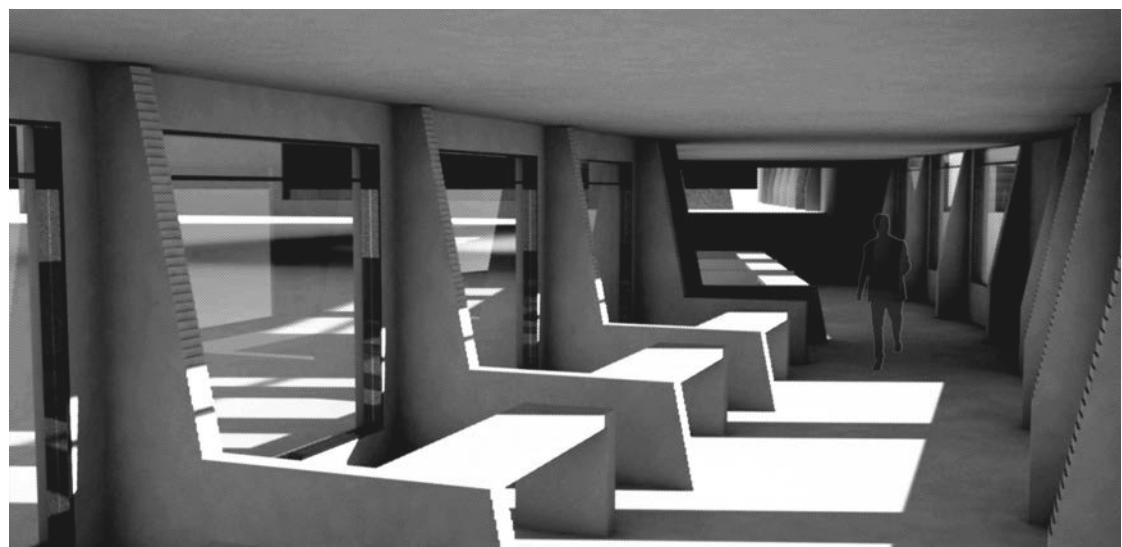
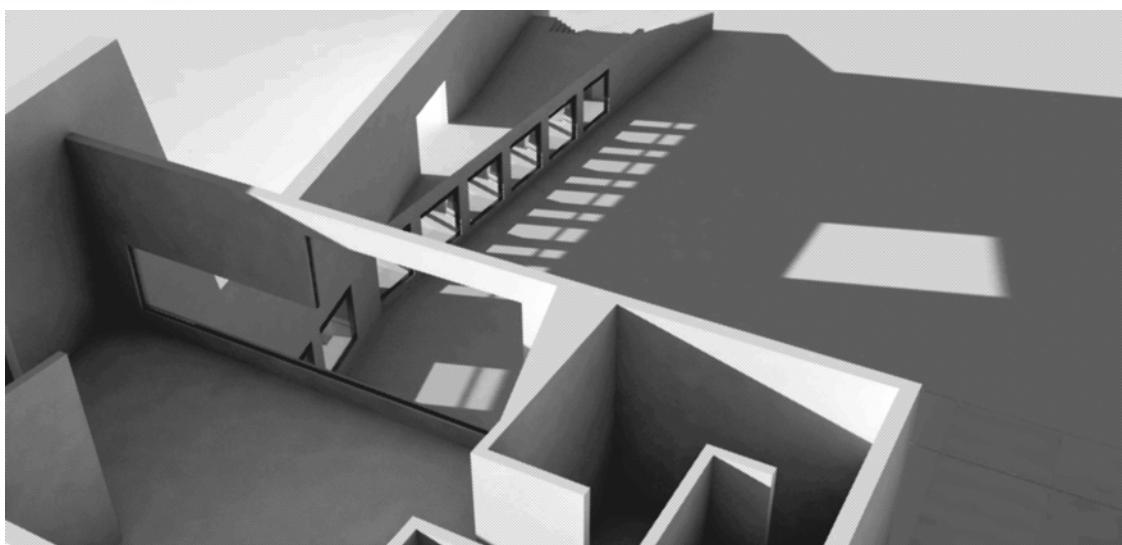
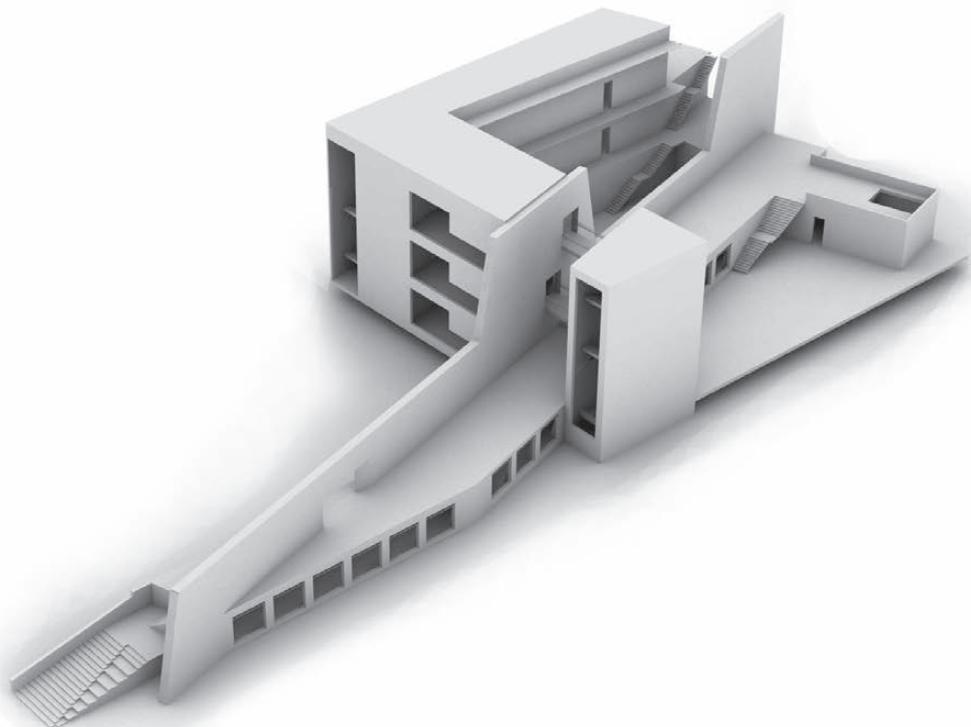
A wall slicing through the site separates the public and private spaces. Outdoor circulation running adjacent to the wall connects the main downtown strip to the project's public courtyard and patisserie. Underneath the walkway is an indoor market space and access to the apartments.

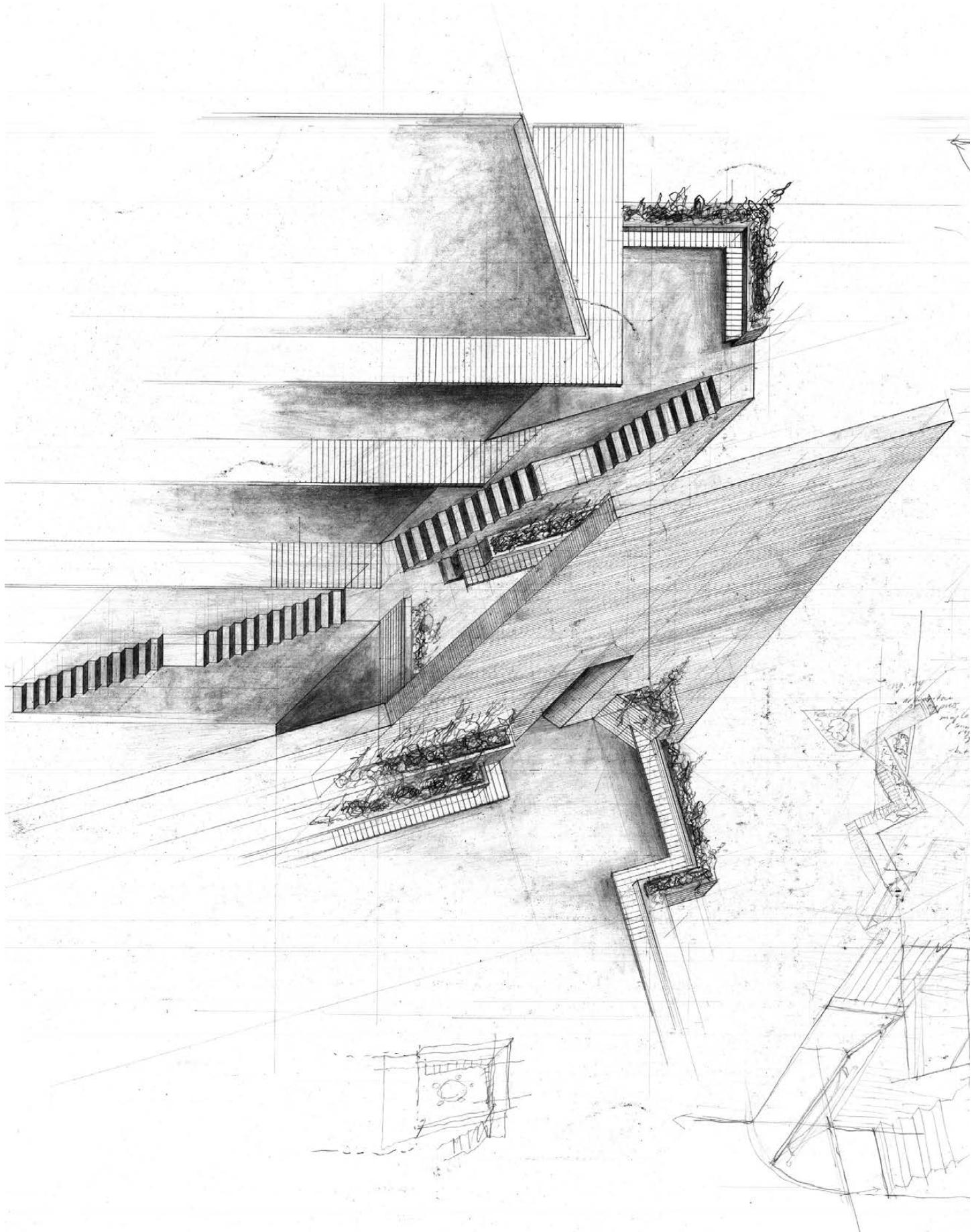










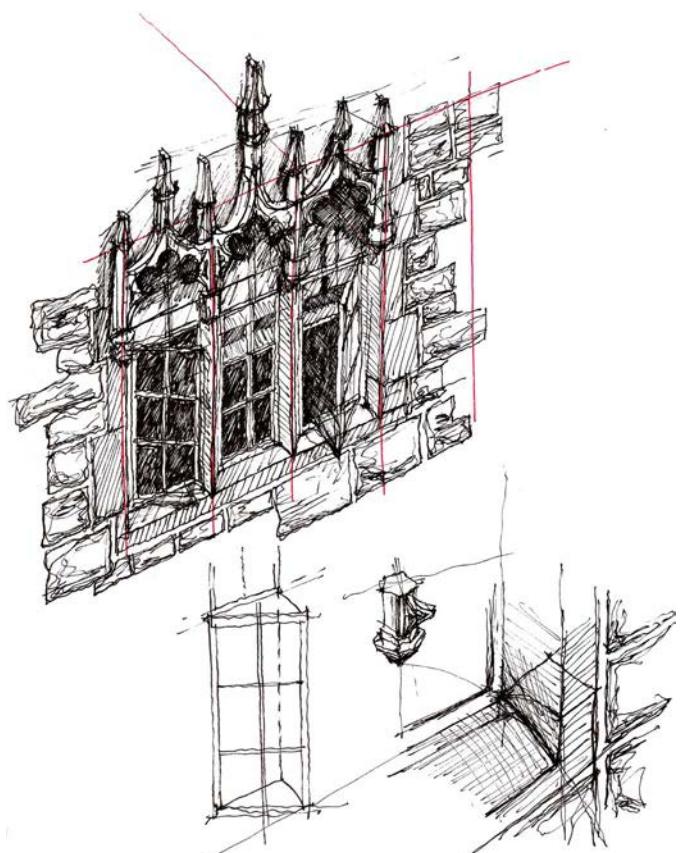


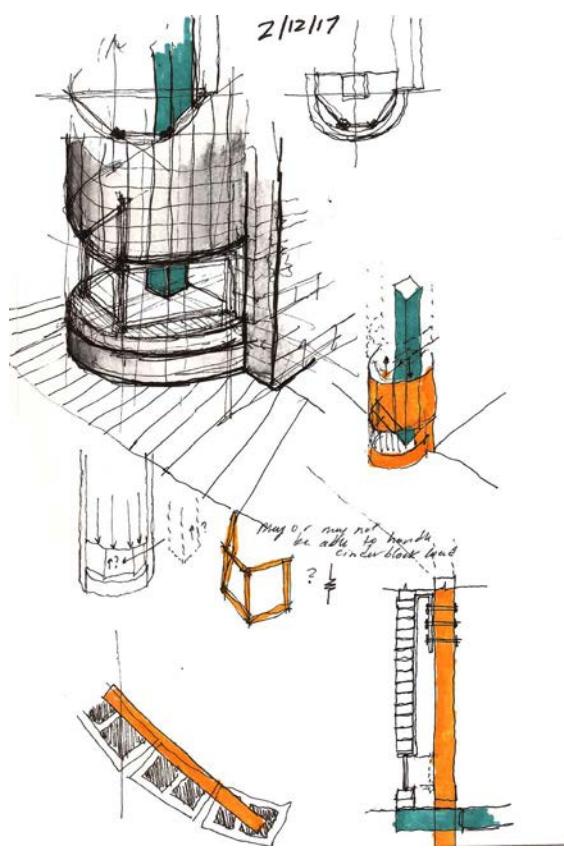
Window Independent Study

Blacksburg, Virginia

Spring 2017

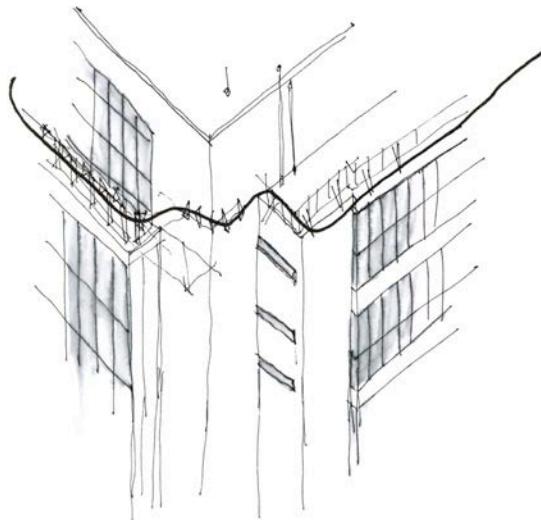
A one semester independent study completed in spring 2017. Through drawing and photography, conditions of windows were studied to understand the effect of aging, transparency, reflection, and material intersection. An exhibit of 50 drawings and 50 photographs in the lobby of Cowgil Hall at Virginia Tech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



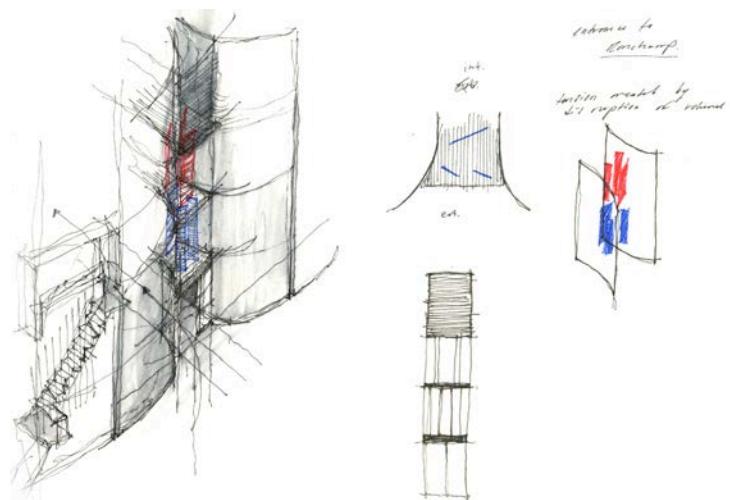


Europe Travel Sketches

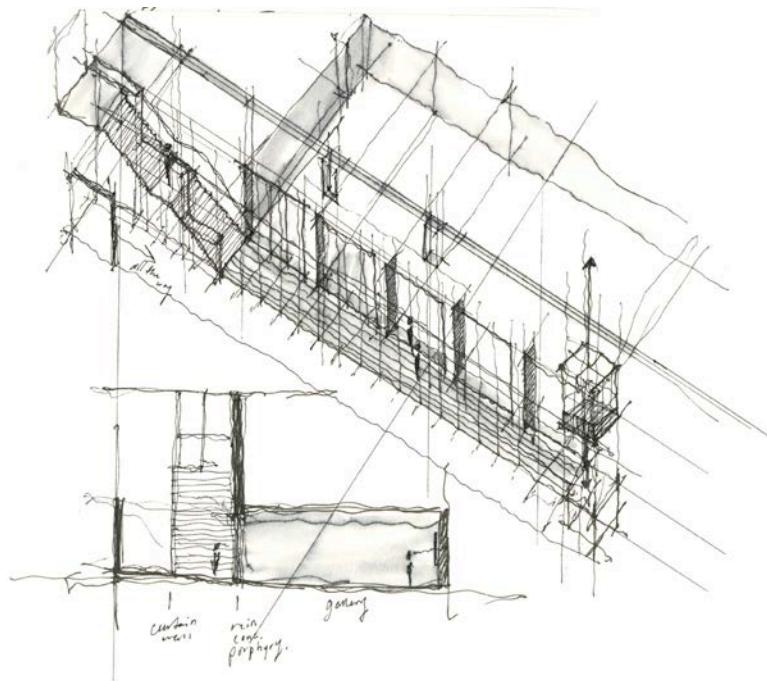
Europe
Spring, 2018



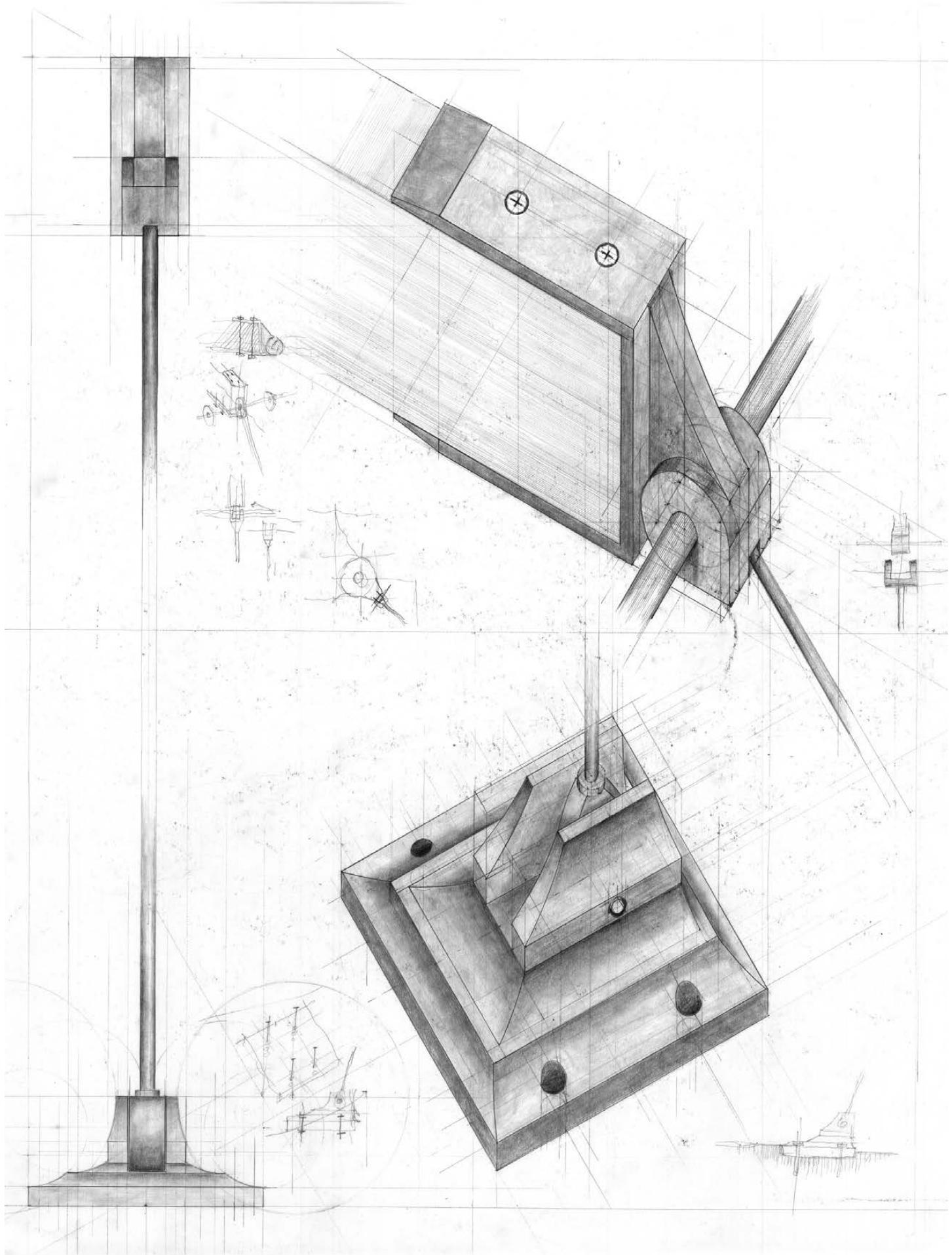
Van Nelle Factory, Rotterdam



back entrance to Ronchamp, France

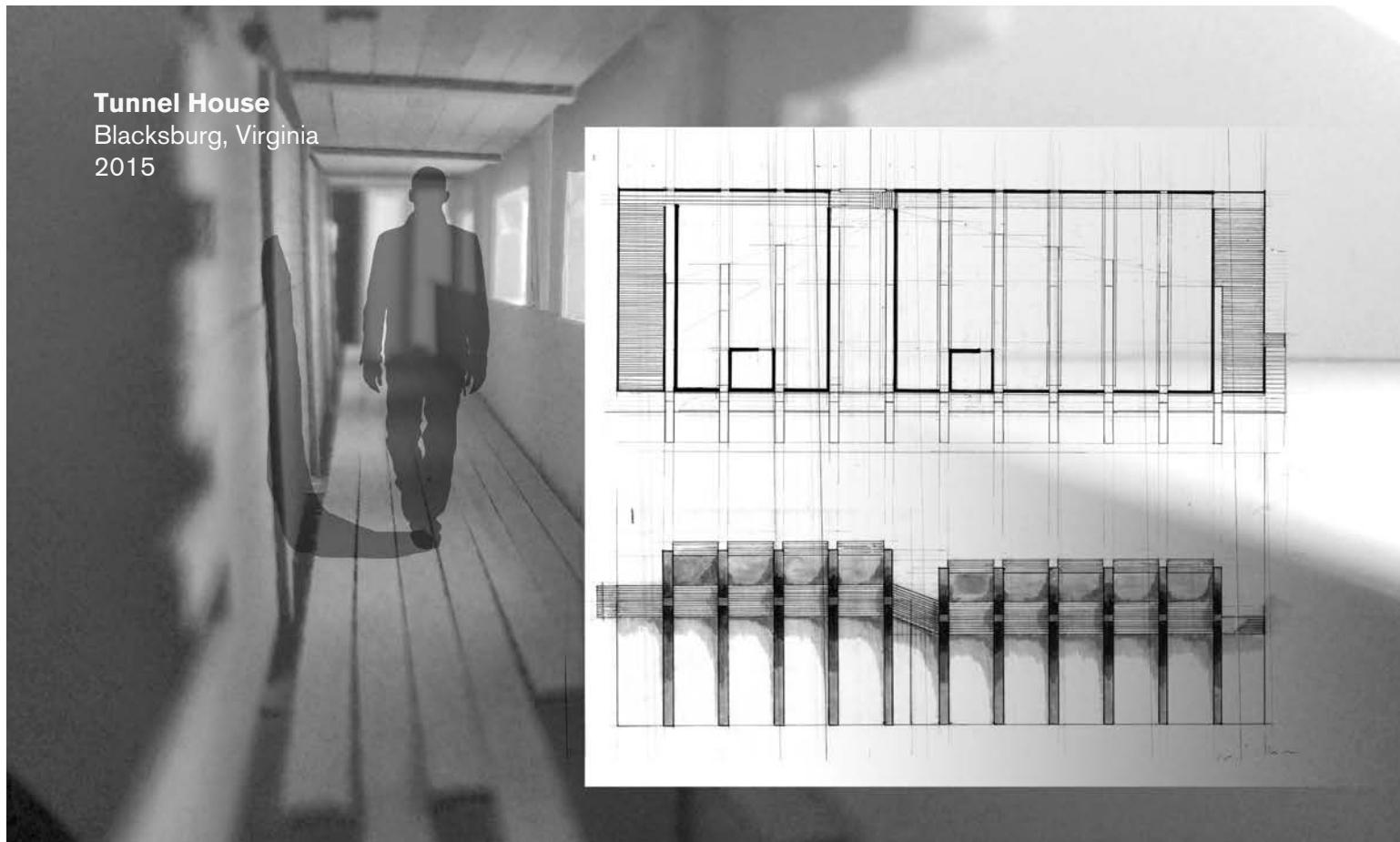


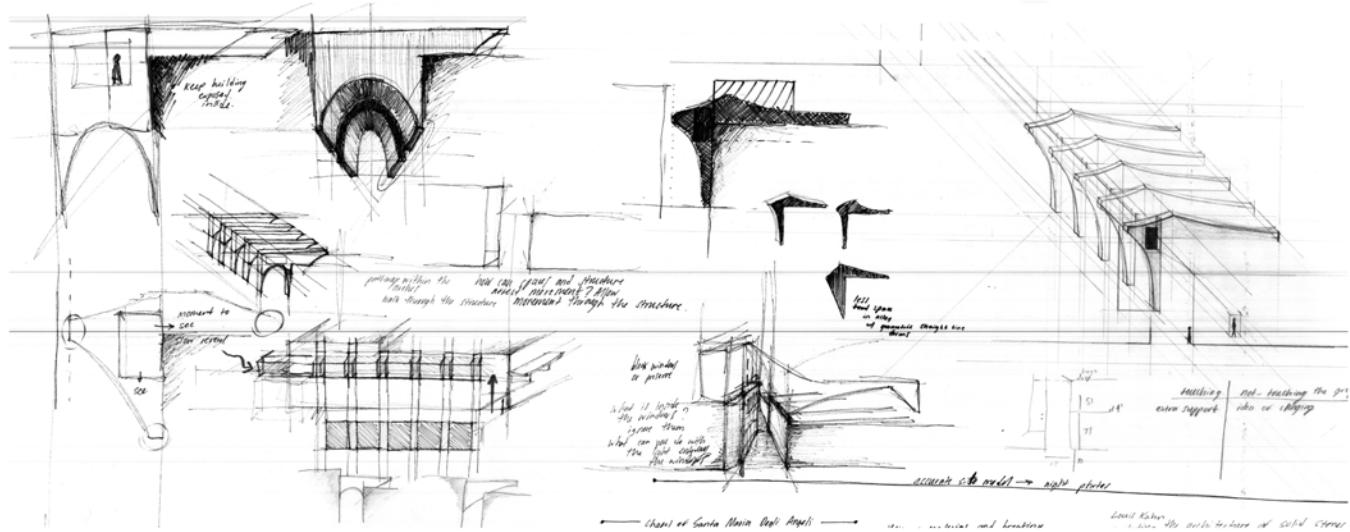
Fondation Beyeler, Switzerland



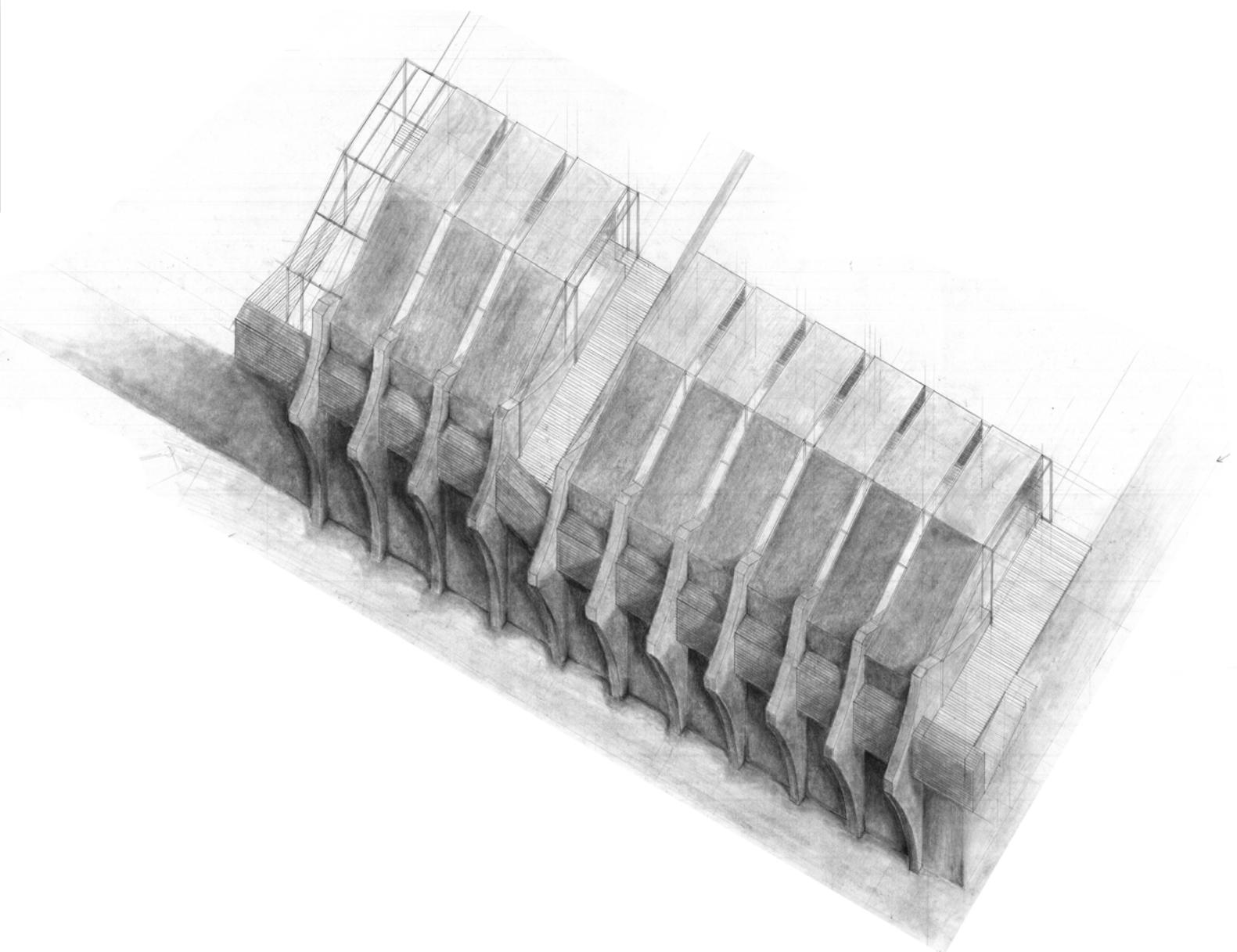
Tunnel House

Blacksburg, Virginia
2015





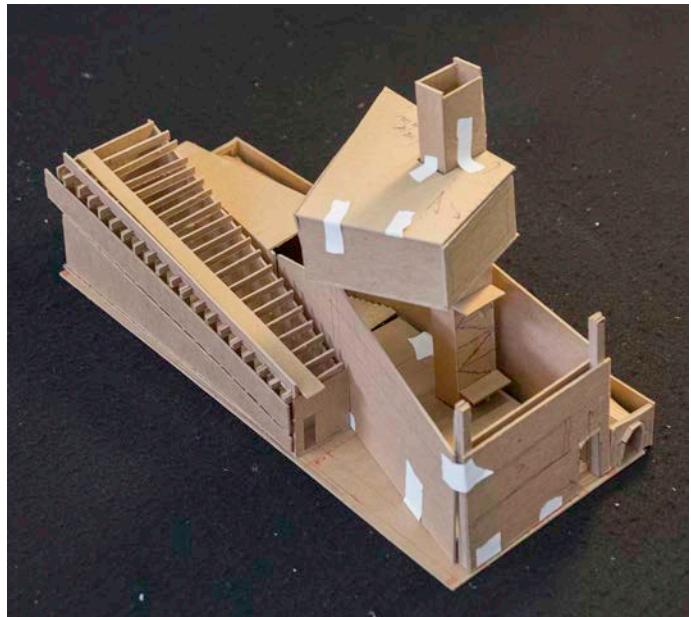
Lowell Rabine
www.thesolidmodel.com



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.

