

Academic Studio Work

Master of Architecture, 2017 - 2020
Columbia University GSAPP

Bachelor of Science in Architecture, 2013 - 2017
Washington University in St. Louis

Architecture / Urban Design, Winter / Spring
Santa Reparata International School of Art 2016

Professional Work

Junior Architect, Summer / Fall
Bates Masi + Architects 2020

Architectural Intern, Summer 2019
OLI Architecture, PLLC

Productions Assistant, Summer / Fall
Latent Productions / DEATH-Lab 2018

Architectural Intern, Summer 2016
PGAV Destinations

Architectural Intern, Summer / Fall /
Studio | Durham, Architects Winter 2015

Freelance Work

Design Competition, Fall 2019
Iceland Thermal Springs Guest House

Fabrications Assistant, Summer 2018
Columbia GSAPP / Making Studio

Design Consultant, Summer 2017
Residential Luxury Pool

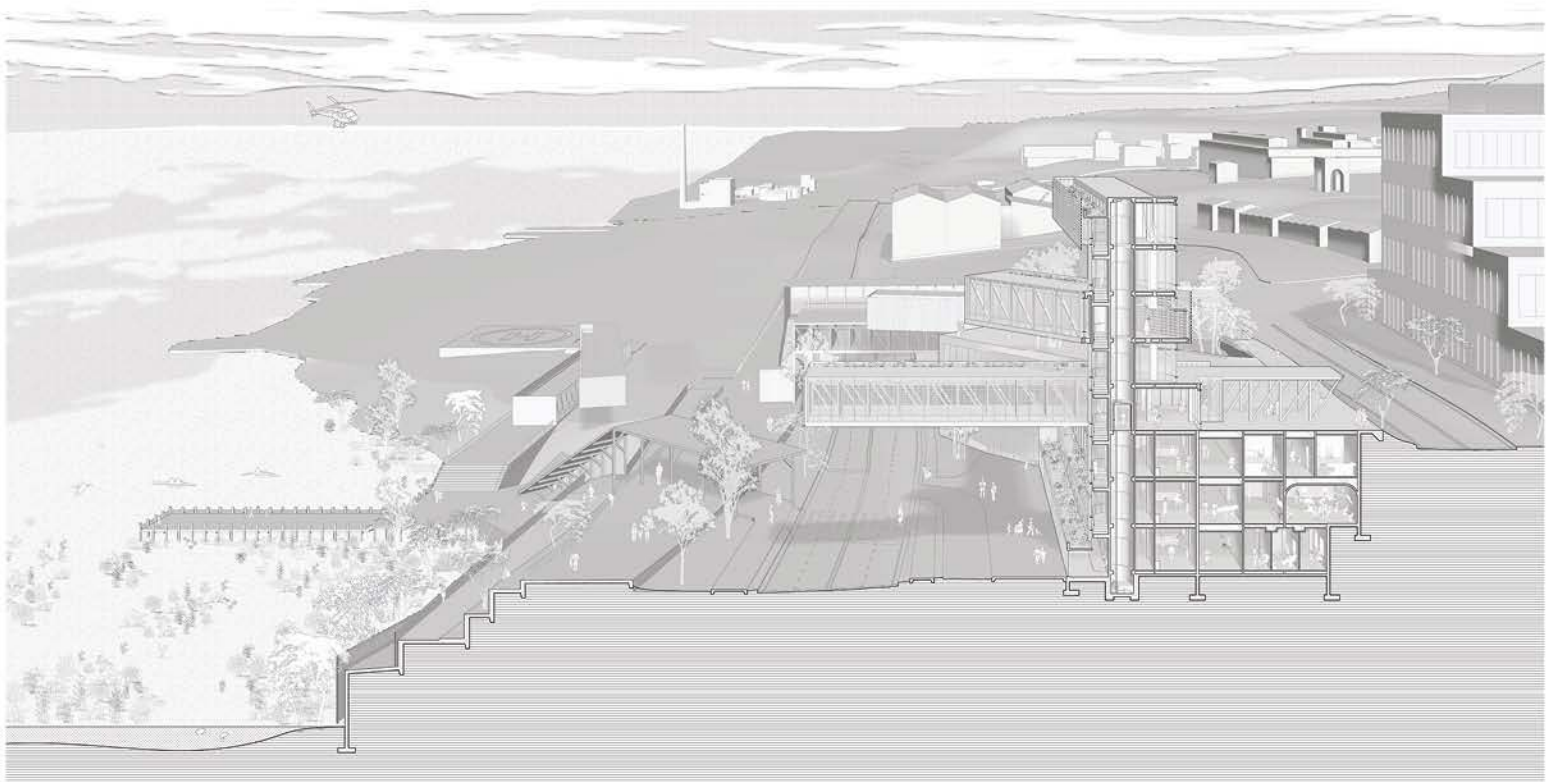
Design Competition, Spring 2016
Parco di il Prato

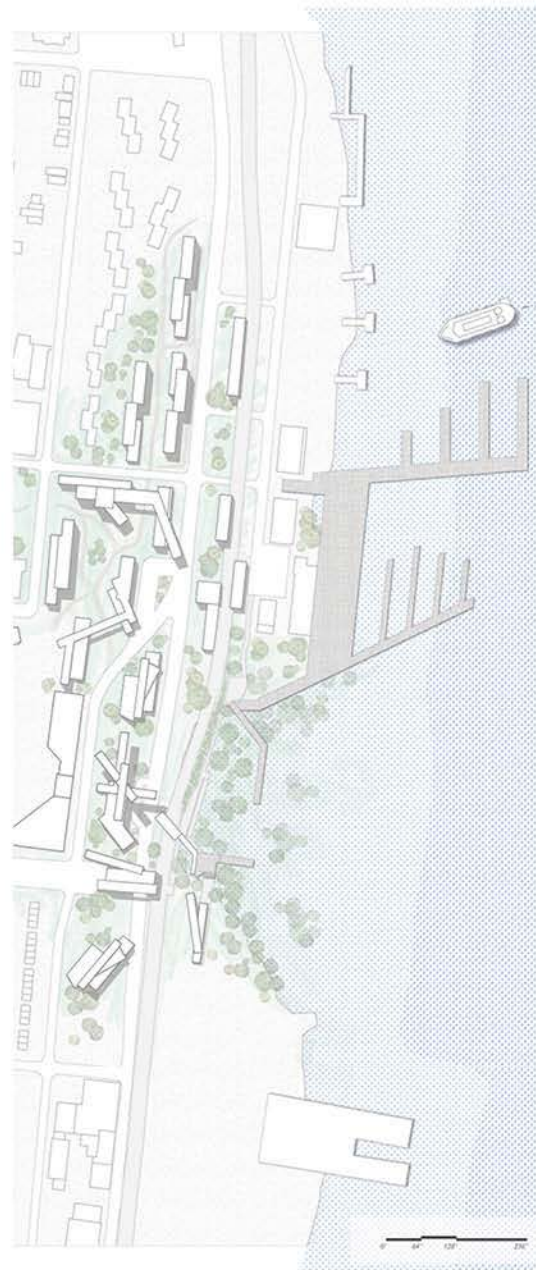
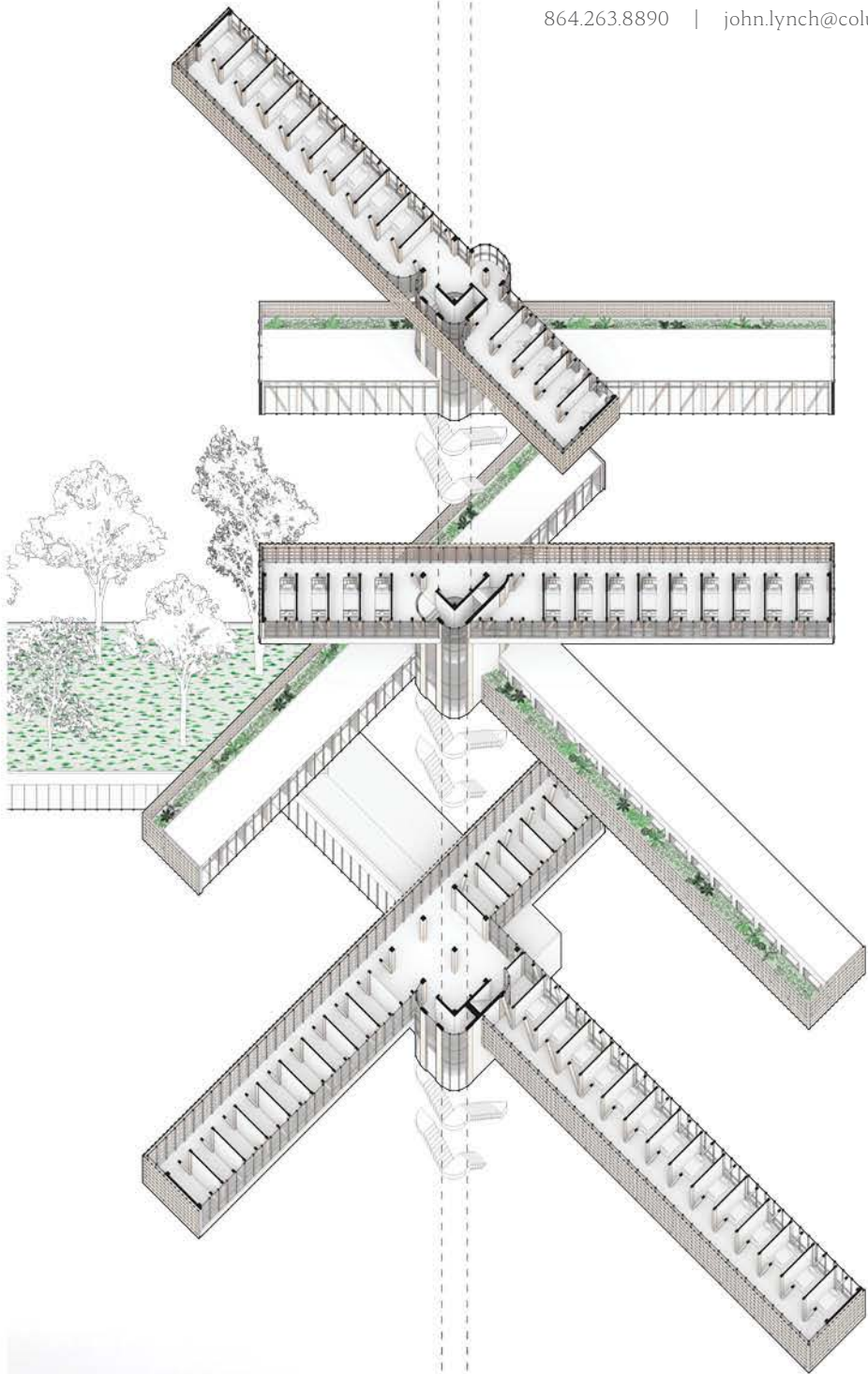
Business / Finance Proposal, 2014 - 2015
Olin Sustainability Case Competition

Wellness House,

*an oncology center + medical campus
prof. adam frampton, spring 2019*

This urban development master-plan project sees a potential future for Newburgh, NY to become a thriving medical center in the Hudson Valley area. Taking inspiration from Alvar Aalto's Sanatorium and exploding it into an array of formal gestures that activate a difficult riverfront site, this future Medical Campus aims to bring together urban and ecological systems in a healthy way. In-stay patients located in wards that weightlessly hover over the riverfront wetland landscape and surrounding tree-tops are invited to embrace the scenic beauty of the Hudson River. This new hospital typology pushes the limits of our understanding of how architecture can subvert existing medical connotations to establish healing spaces of human wellness.





Copula Hall,

*visualizing redundancy in fictional sovereignties
in collaboration with morgan parrish
prof stephen cassell + annie barrett, spring 2020*

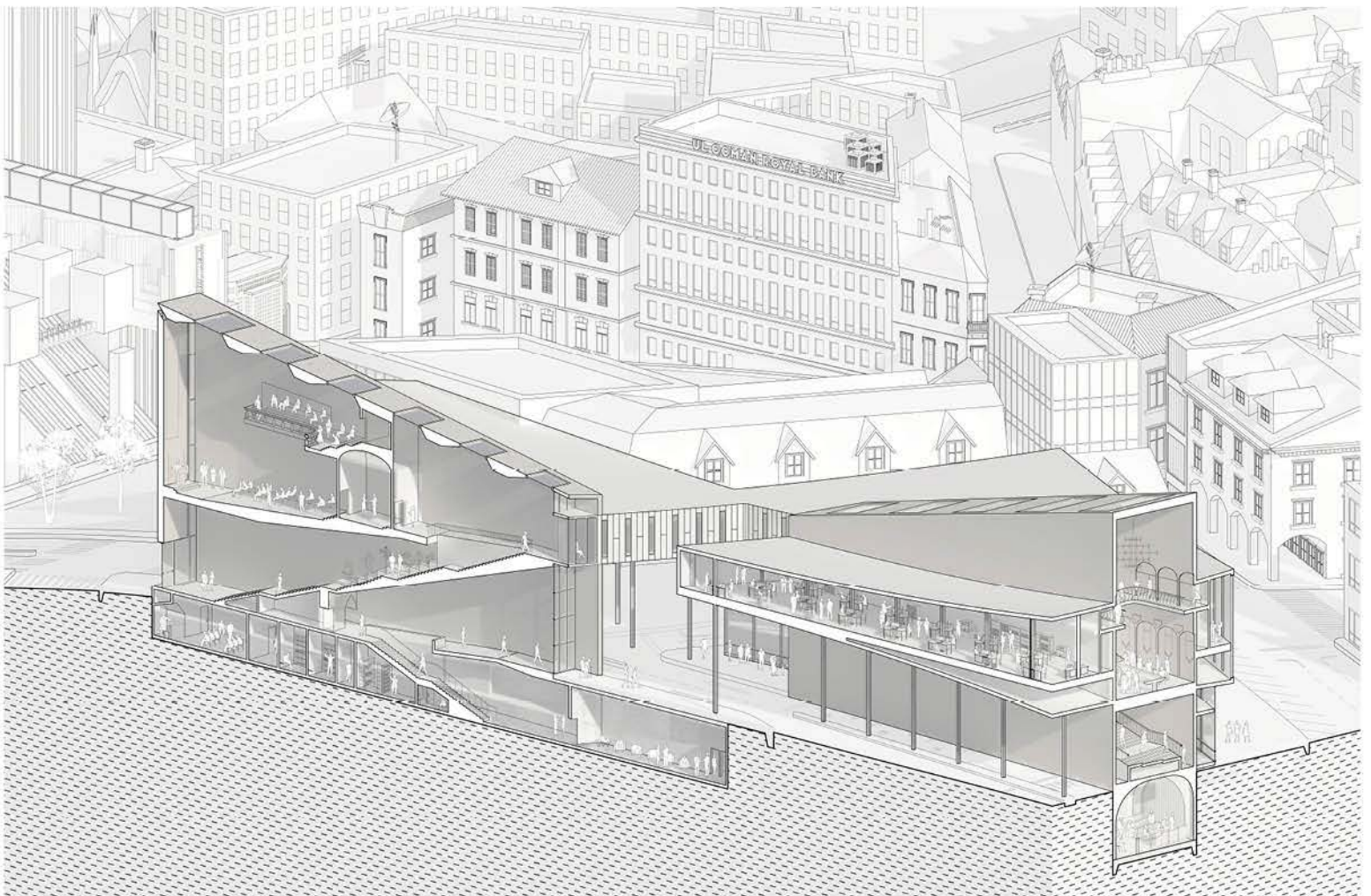
The design for Copula Hall seeks to formally play up the duality and redundancy of space and government in China Meville's novel, *The City & The City*. Two large volumes are mirrored across the East-West axis - customs' main thoroughfare - to create the focal points of each city's domestic governments. Viewed from the side, the two mirrored volumes are joined by crosshatched forms containing office spaces and international programs. Belonging to neither city, these volumes instead address the sameness of the cities - equality in duality - and create an intense yet chaotic bureaucracy totally shared by both cities. Ultimately Copula Hall exists not just as a government building, but as a symbol of both cities amidst their separation.

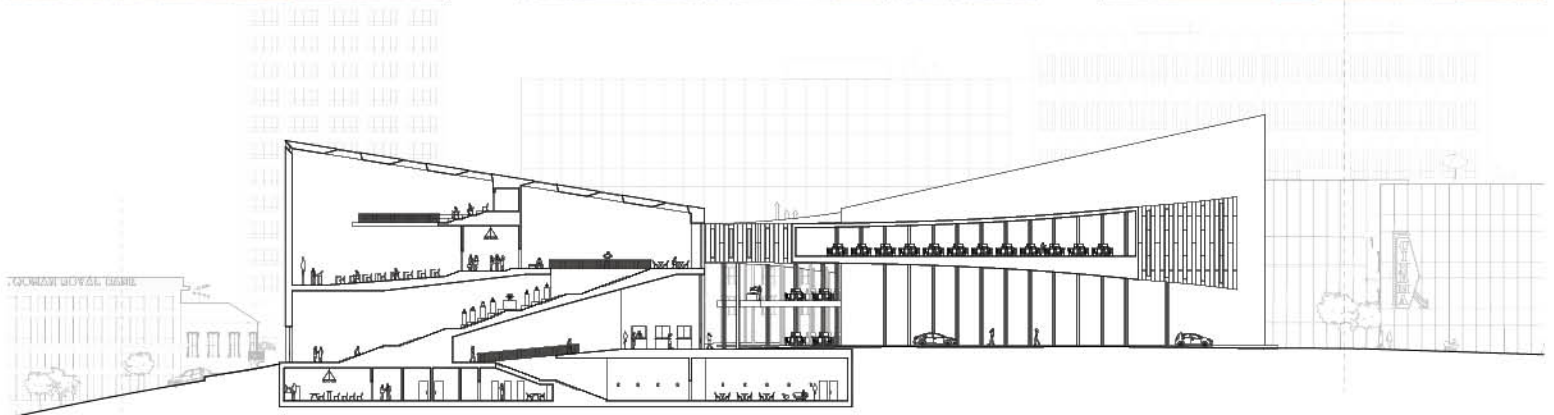
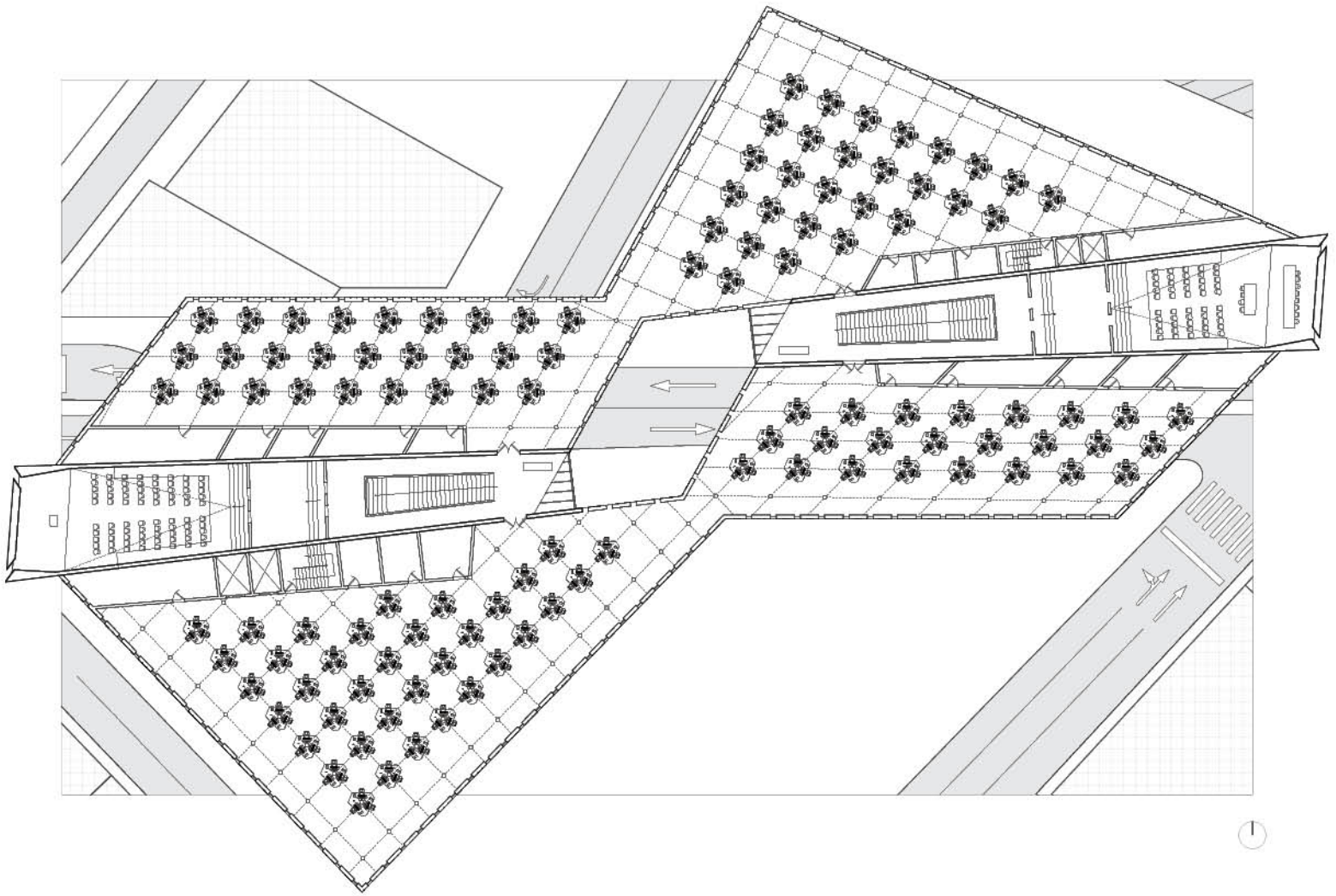


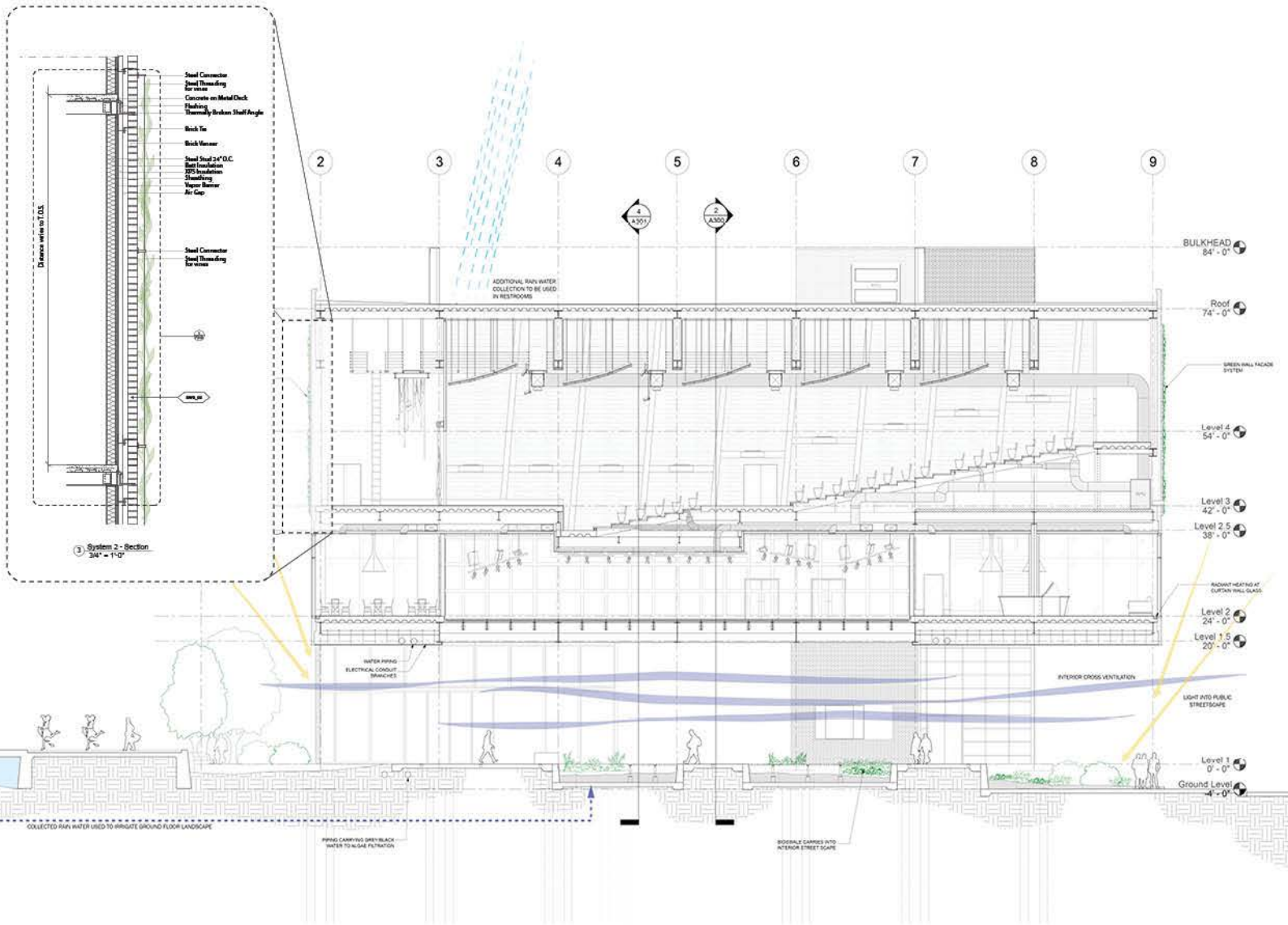
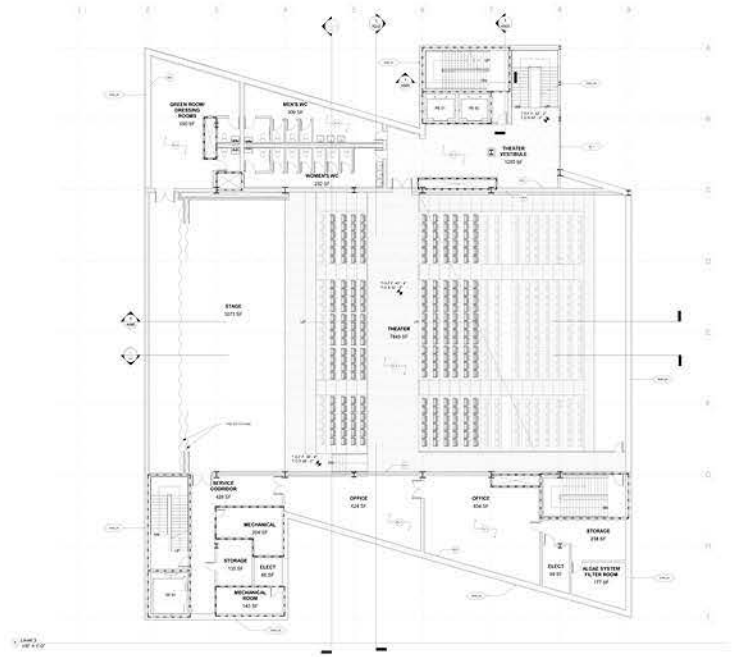
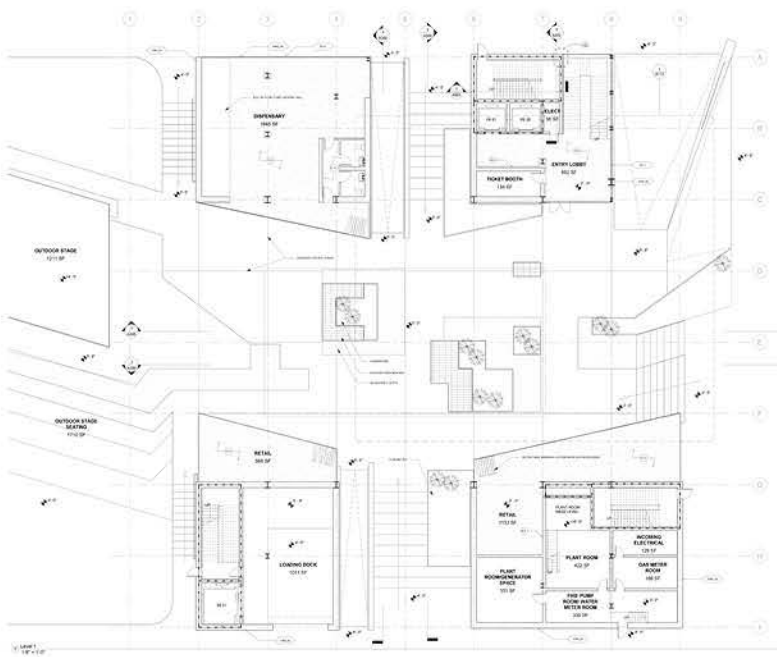
West Entry, UI Qoma



East Entry, Beszel



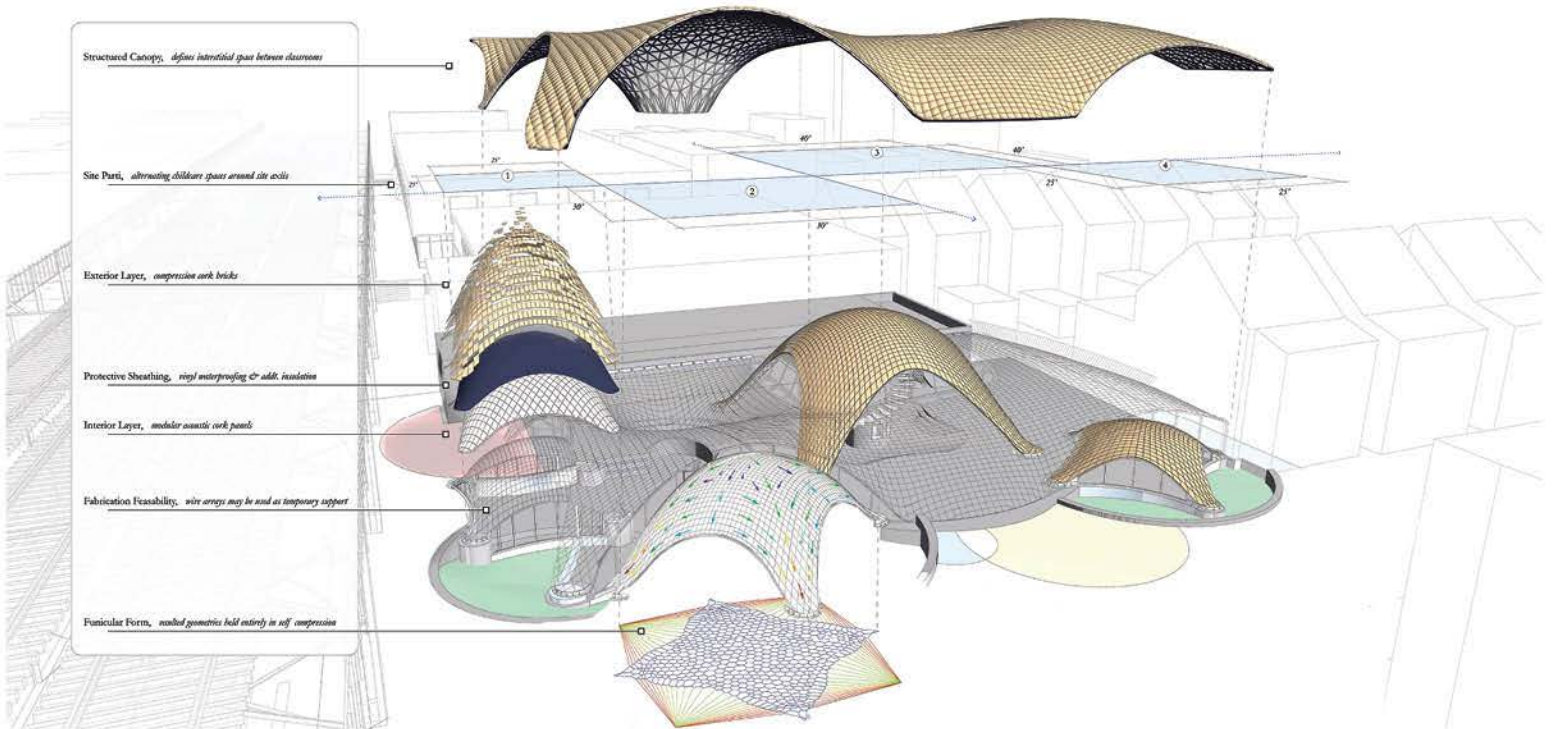


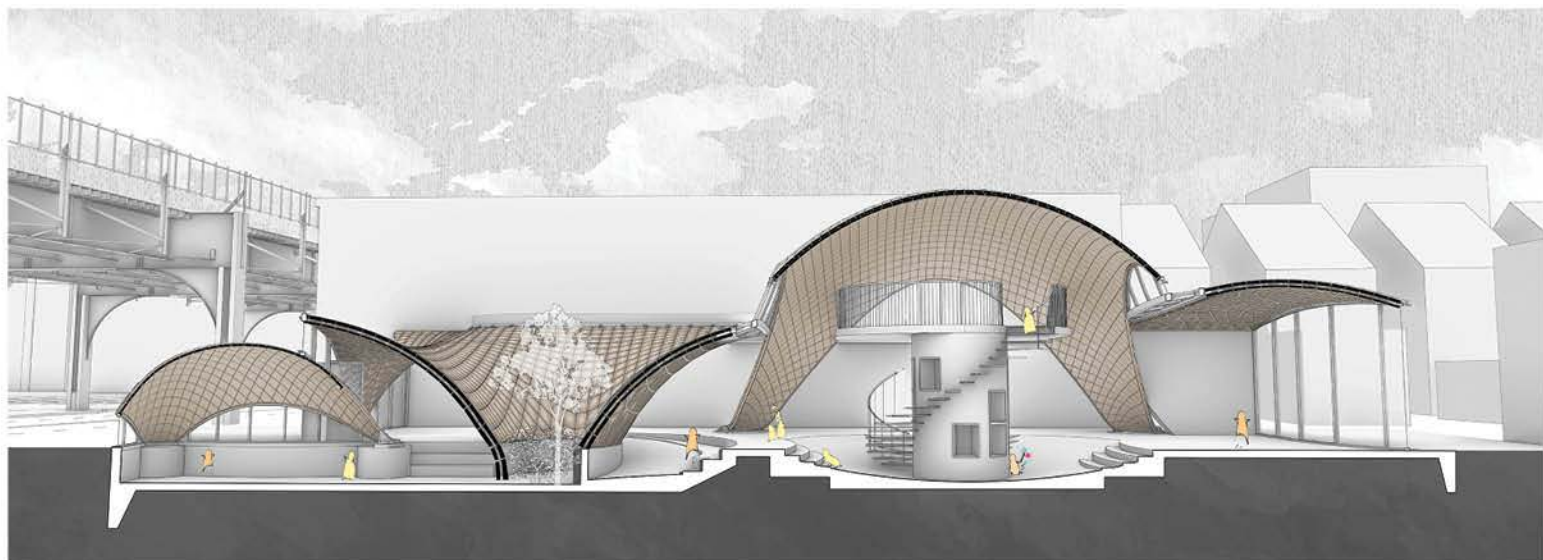
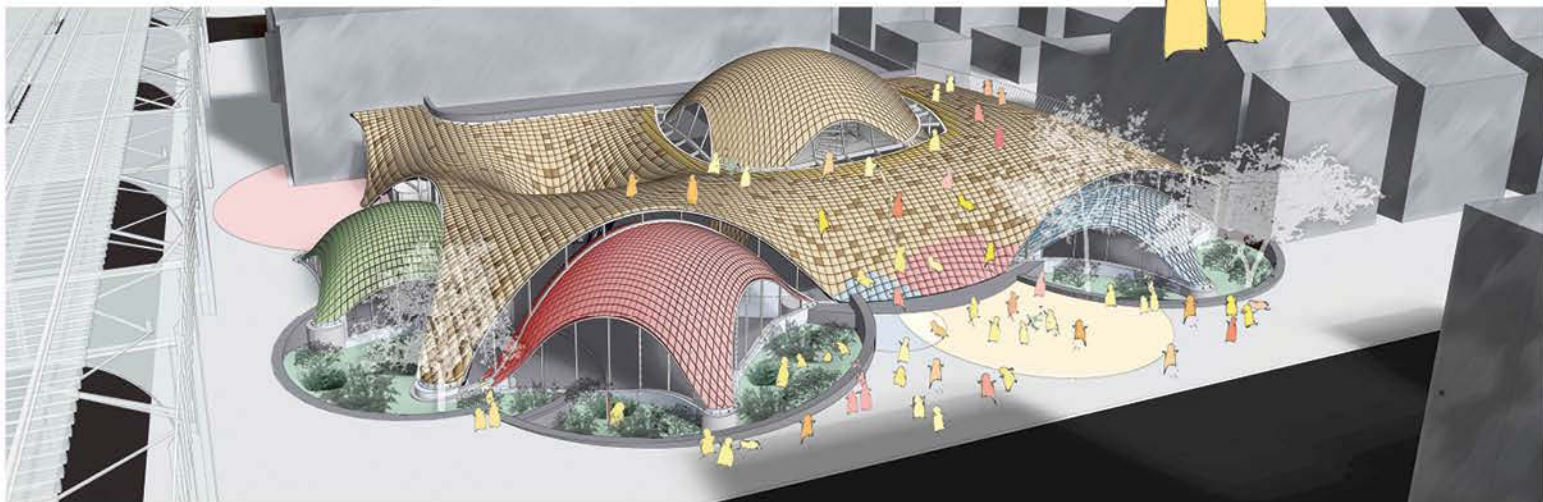


Play House,

*an ethical childcare facility
prof. bryony roberts, fall 2019*

This new childcare facility manifested itself with a design focus on materiality as the backbone of the project, underscored by the foundational question: "how can the ethics of care be achieved holistically in design?" The facility is comprised almost entirely of cork, a miracle construction material with acoustic properties to shield children from the noises of passing overhead subway trains and vibrant Jacksonville, Queens street life. Moreover, the compression qualities of this playful, non-toxic, water-resistant medium greatly influenced a building typology entirely funicular in its structural form. The result is a series of self-sustained compression vaults and undulating cork-paneled surfaces that weave together classrooms and additional childcare programs across interior and exterior spaces to establish areas of both play and protection.

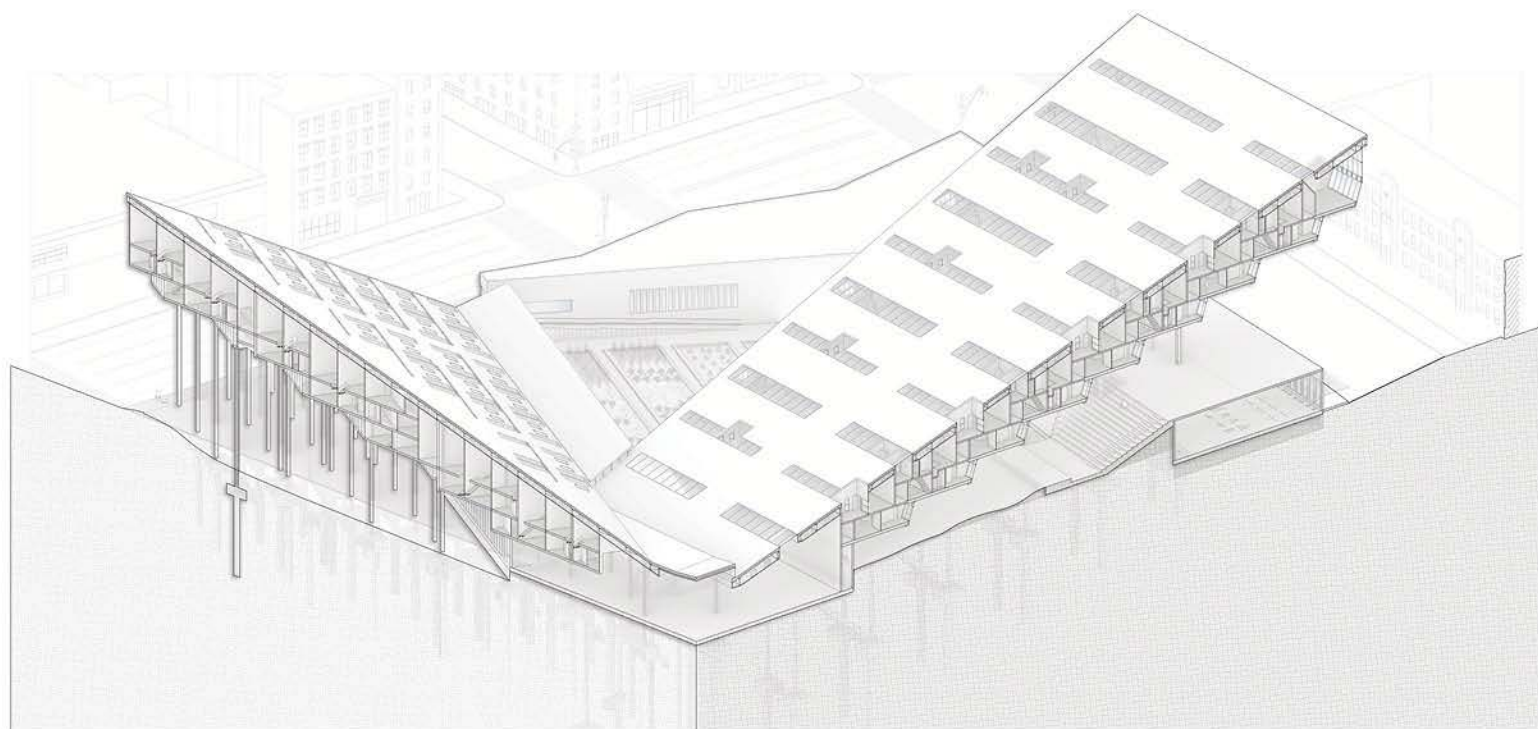
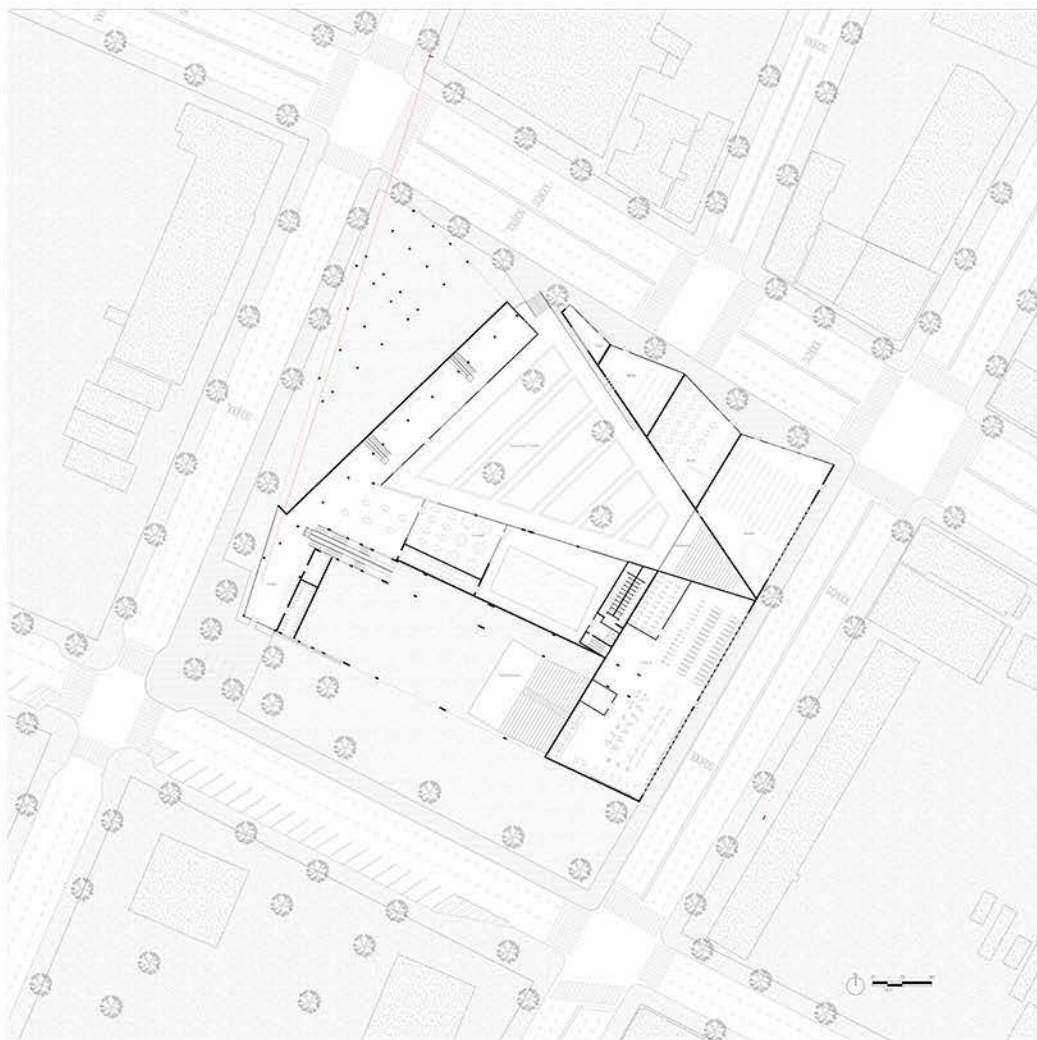


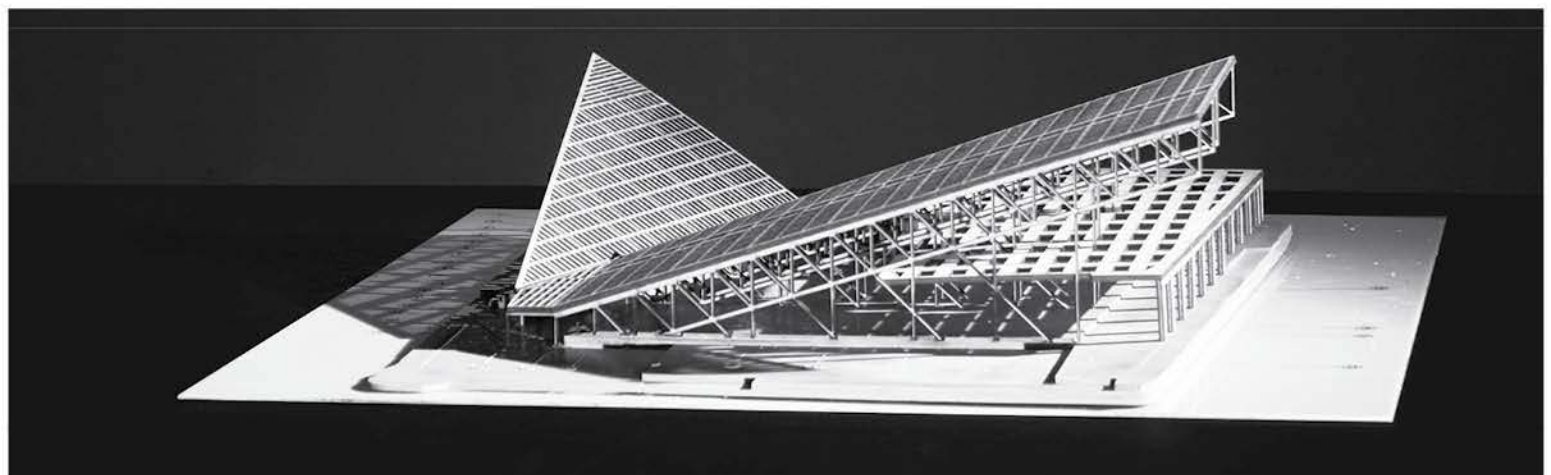
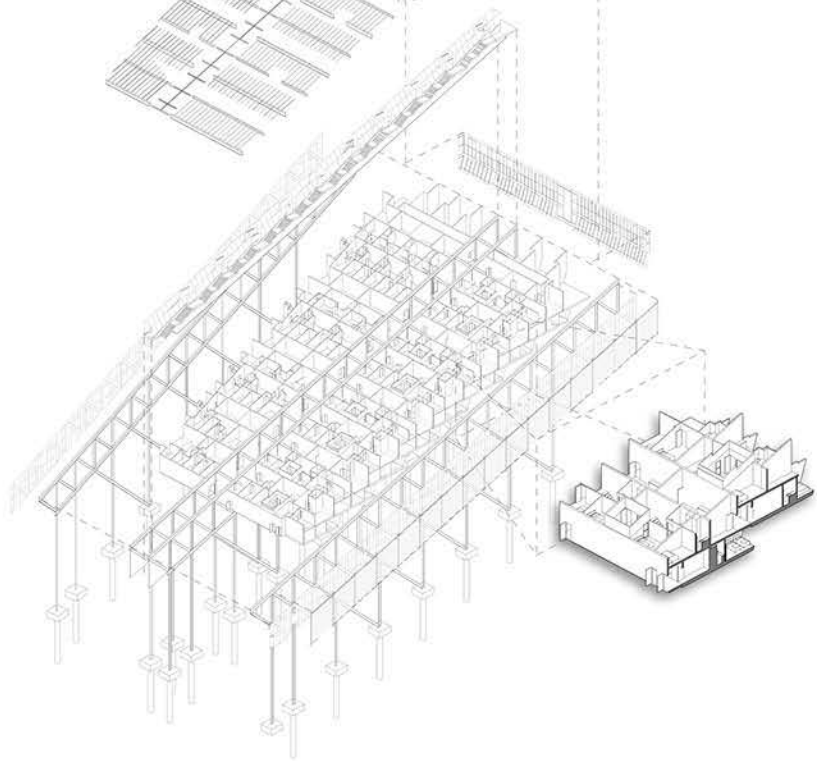
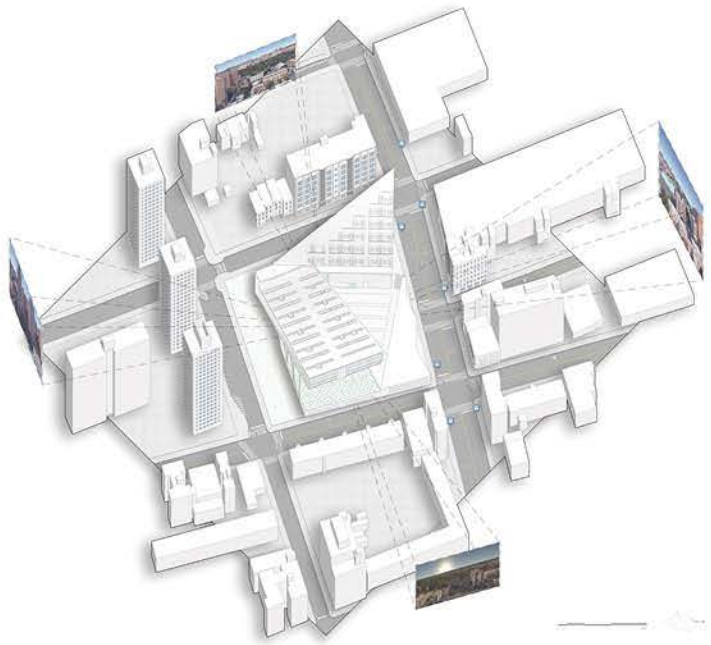
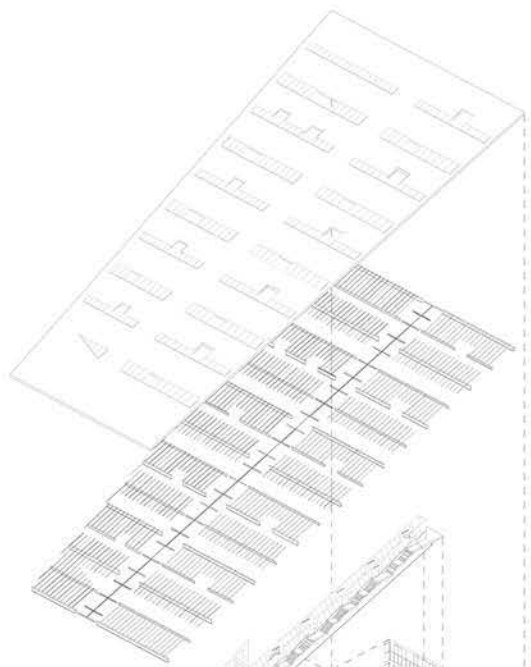
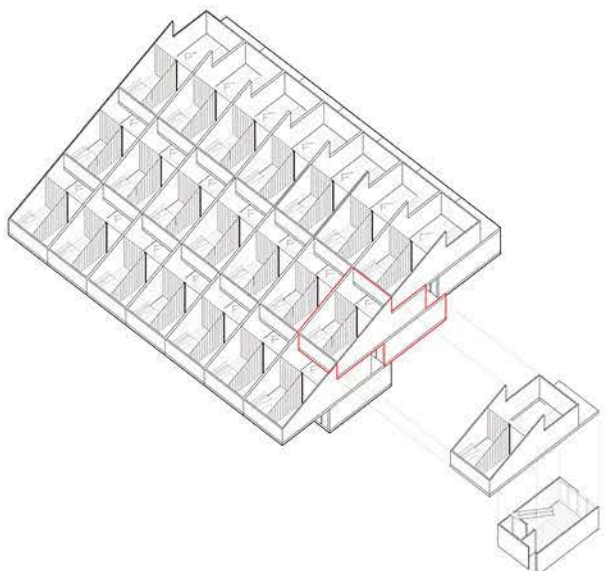


Projected Living,

*a curation of visual queues in housing forms
in collaboration with jacob gulinson
prof. mario gooden, fall 2018*

A public housing concept that drives the question of what it means to both see and be seen as a resident of the South Bronx. The project plays host to approximately 225 units following a modular taxonomy of 8 unit modules interspersed between the two largest vista masses, the north and south towers. Both towers rely on an intricate interplay between units and their larger truss structures, seamlessly creating impressive architectural moves that canopy the flatter portions of the site. Community programs such as a neighborhood YMCA, a fresh-foods grocers market, and day-care centers occupy these undulating sidewalk facades, ultimately pushing and pulling the perspectives of the street-scape for all residents of the community.

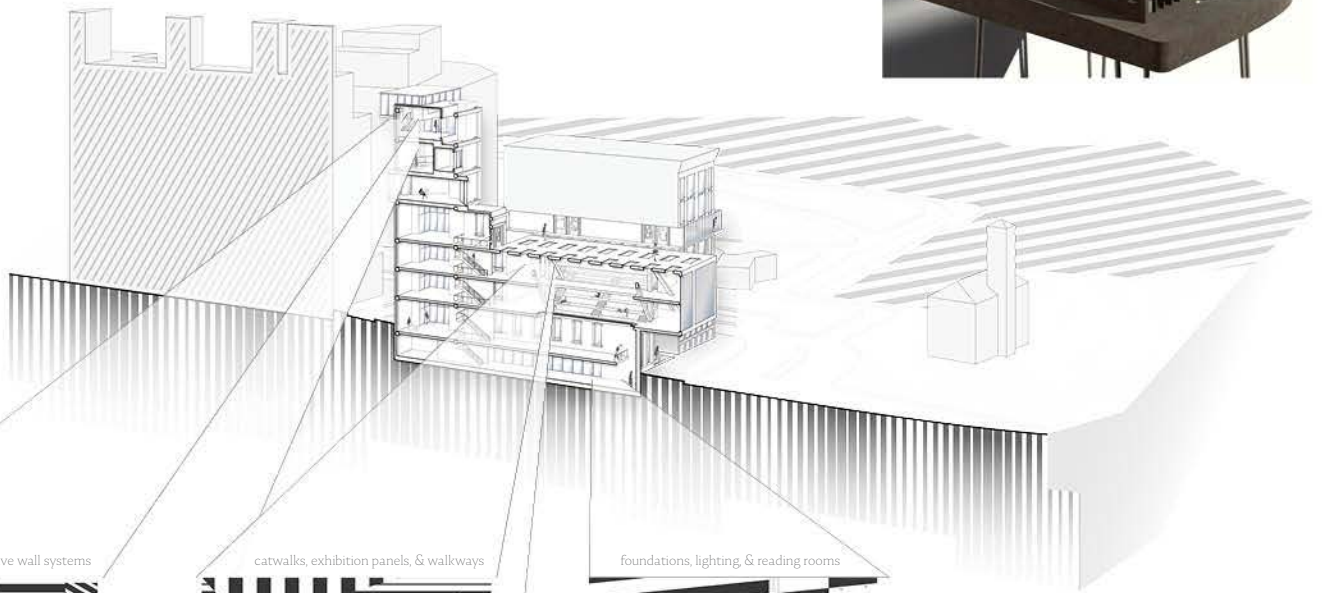
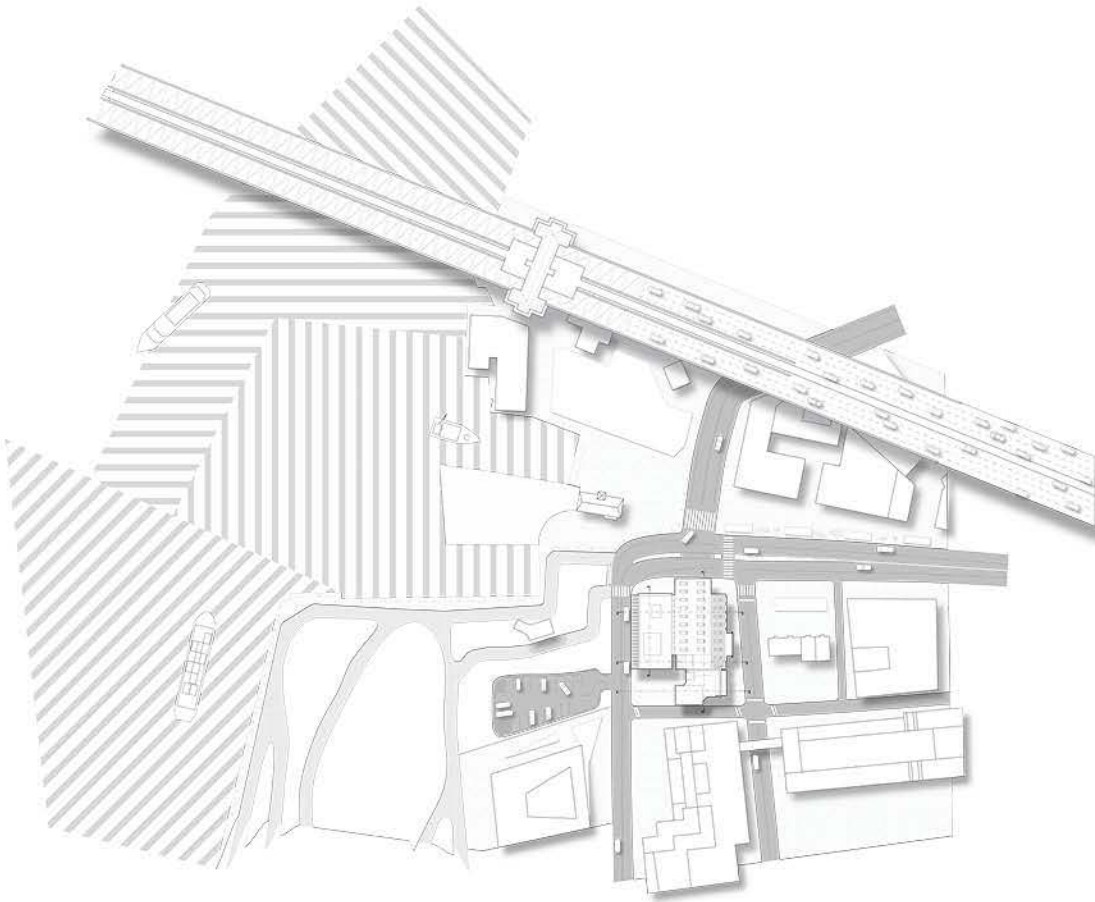




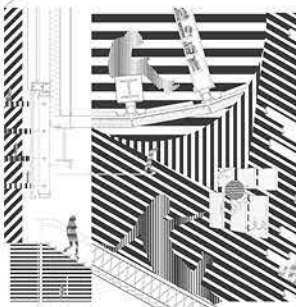
Memory House,

*a library for mental illiteracy
prof christoph kumpusch, spring 2018*

A library devoted to the collection of memory and neurological science, the site of DUMBO, Brooklyn was continuously toyed with in a playful manner. Stepping back as a designer and recognizing the local memory of the existing contexts created a flexible amalgamation of nearby facade, window, ornamental, and structural systems that could be reinterpreted into a block-mass building capable of skewing the perceptions of visitors who may or may not have memories associated with the site. Formally, the interconnecting block system allows for spaces to coexist in multiplicity. Exterior walls break up interior spaces; common windows are adapted to act as ceilings and floors, and reading levels twist and break apart as the library breaks above the skyline.



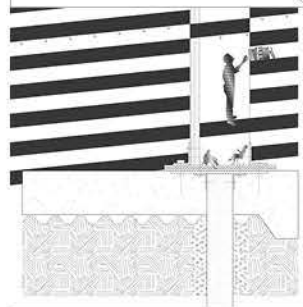
tower stairs, stacks, & interactive wall systems

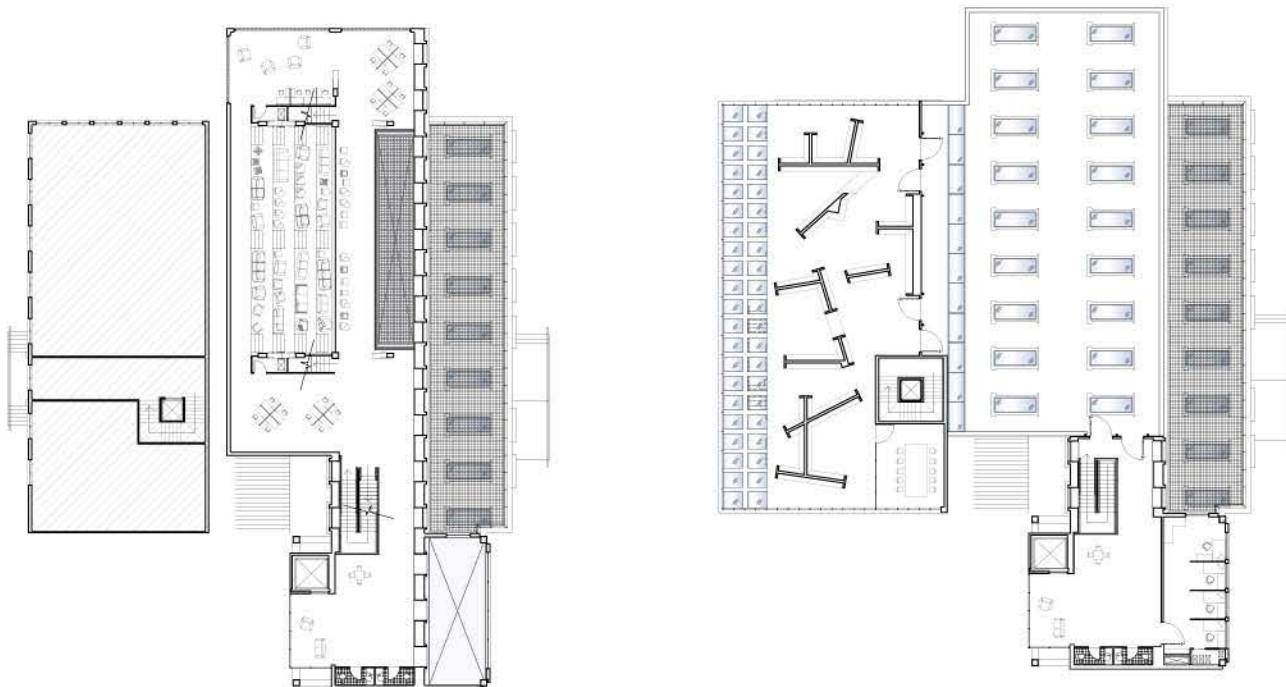


catwalks, exhibition panels, & walkways



foundations, lighting, & reading rooms

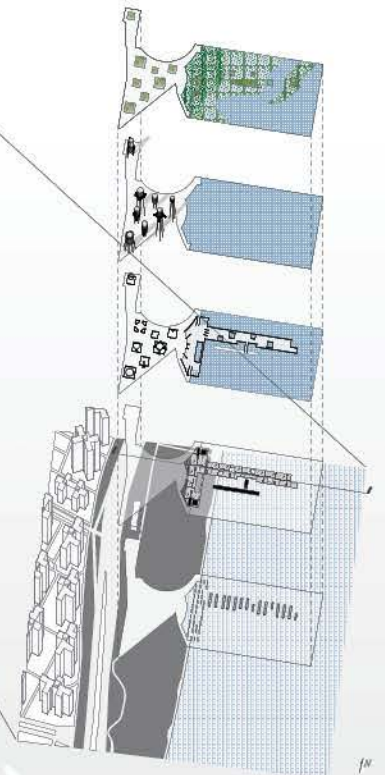
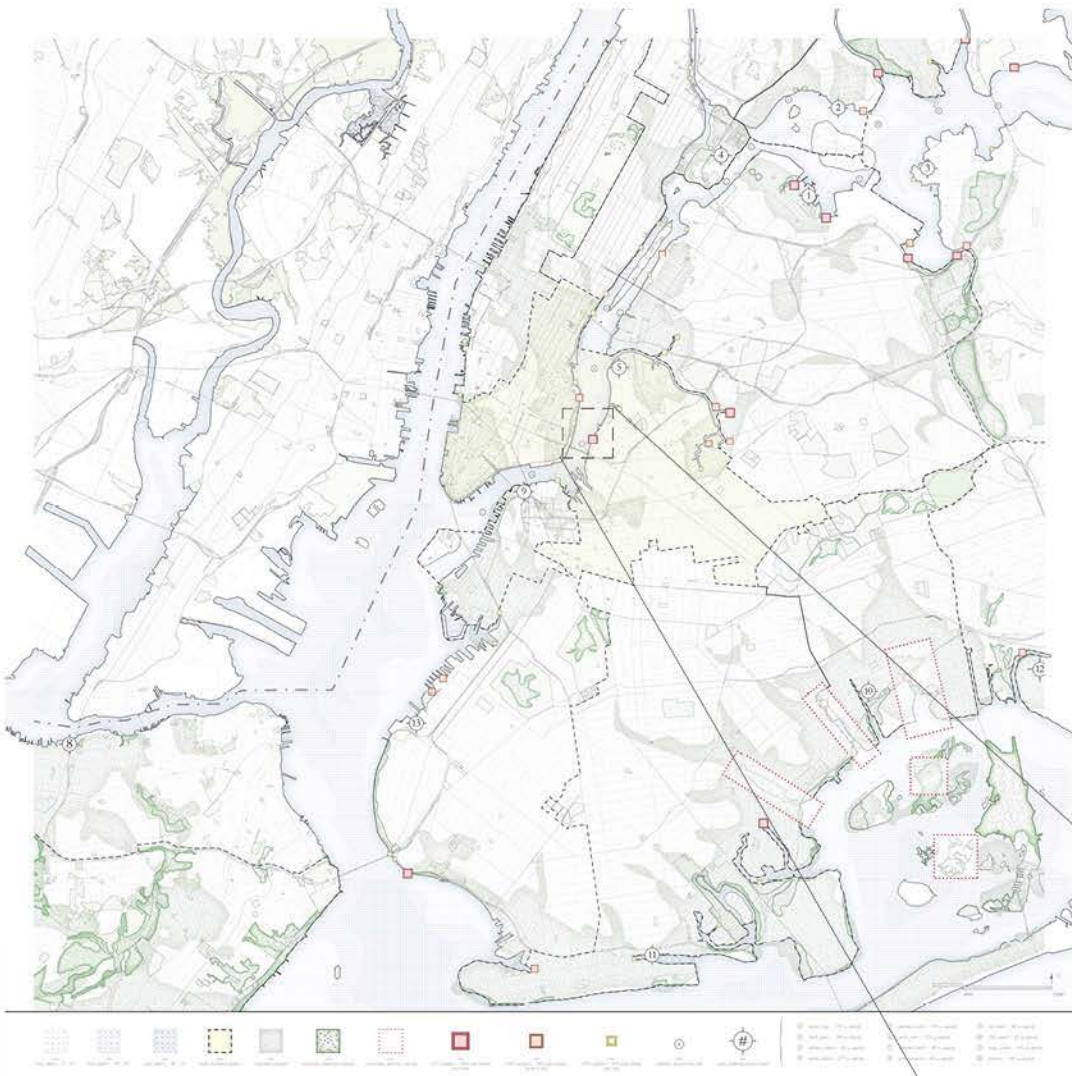




Simple Pier,

a reconstructed wetlands exhibit
prof. inaqi carnicero, fall 2017

Located off 6th St., *Simple Pier* is a low-level boardwalk along the East River that intersects the various growth stages of a long-term reconstructed wetlands plan. The pier exhibits close environmental encounters via apertures along the walk. Additionally, the bank of the pier operates in tandem with the walk. While the pier prominently puts brackish flora on display, isolated aquarium tanks organized within an open plaza exhibit the fish and fauna species that thrive in the local tidal marsh. The aquatic tanks are envisioned as recycled water cisterns, an immediate icon of the relationship between New York City and water. Moreover, the display aquariums would similarly be connected to the wetland's wastewater pipeline infrastructure, thus keeping with an adaptable and re-usable cycle.



Lake House,

*a bespoke residential retreat
prof. phillip crupi + joseph brennan, fall 2019*

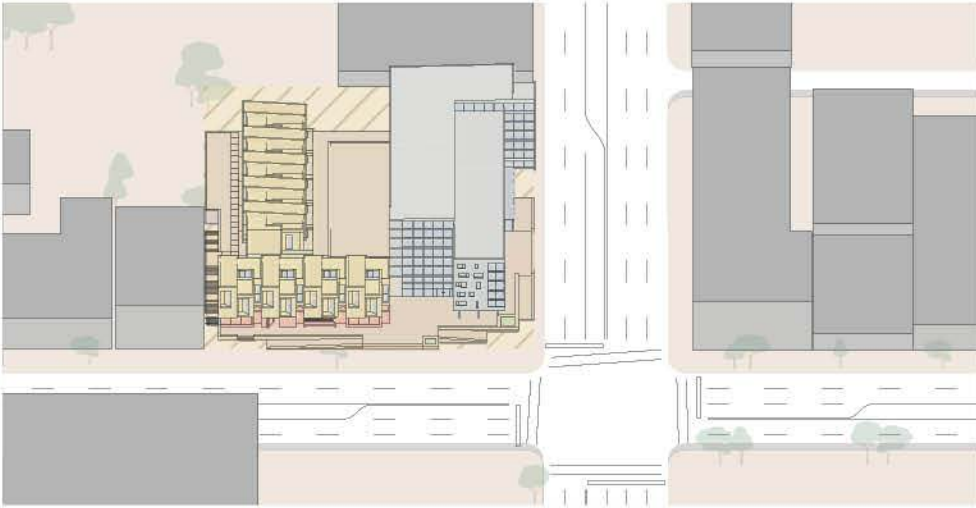
A retreat lake house located in the Catskills, this 2 bedroom residence was designed in tandem with the rocky shoreline. The house is intended to be constructed around an existing monolithic granite boulder that would be cut and polished into the shared kitchen and living space's main feature: a polished, one-of-a-kind counter-top bar. The bedrooms, shared bath, and study are all kept isolated within a second internal space to highlight the procession from the entryway to the living space and exterior dock overlooking the lake vista.

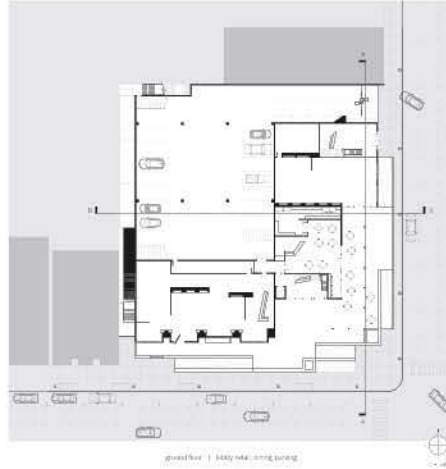
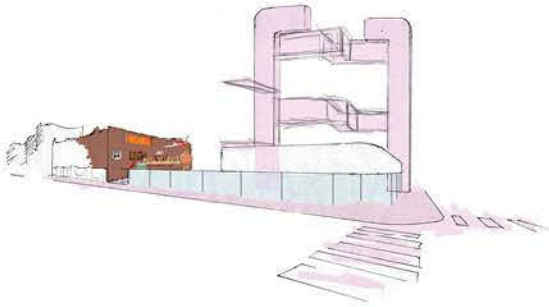


URBN-plex,

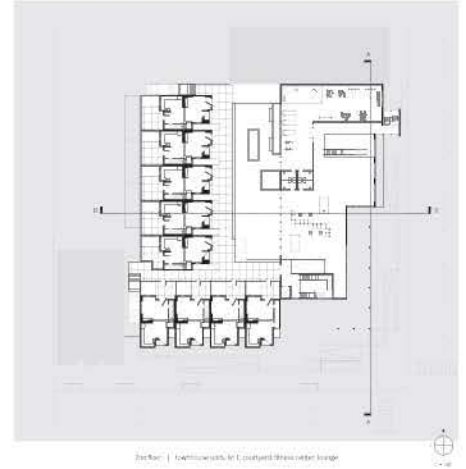
*nostalgic luxury living
prof. don koster, spring 2017*

In part an exploration of postmodern architecture and design ideologies, this housing project located along the historic Delmar Loop street in St. Louis, MO caters to mixed-income residents of various backgrounds and sizes. It's formal design attributes draw heavily upon notions of signage, monuments, & nostalgia. The exterior vs interior relationship is one that propagates yet fights the wide-eyed, near "kitsch" atmosphere pushed by developers in the area over recent years. The goal was to appease the attraction value of the site whilst offering true and meaningful housing options to displaced residents.

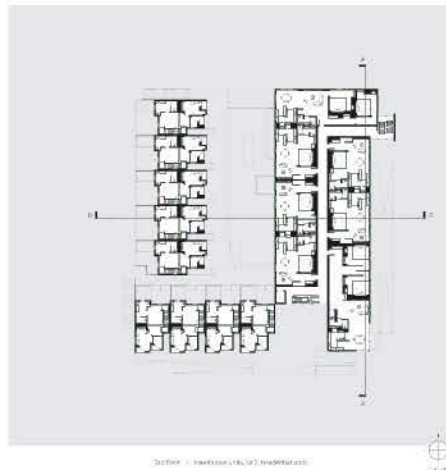
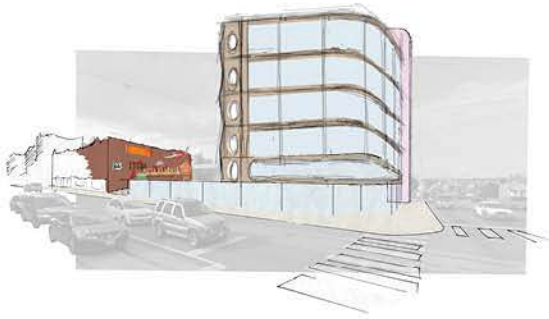




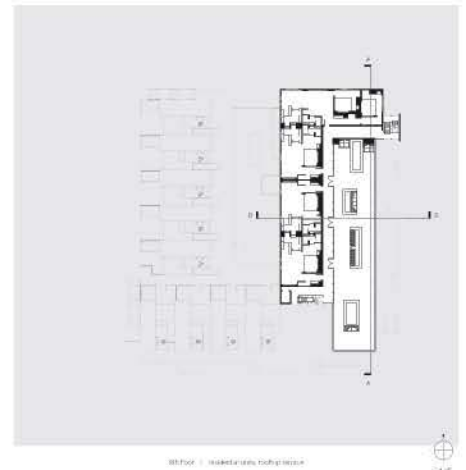
ground floor | 3400 sq. ft. (including parking)



2nd floor | 2nd floor consists of 2,000 sq. ft. (including parking)



3rd floor | 2,000 sq. ft. (including parking)



4th floor | 2,000 sq. ft. (including parking)



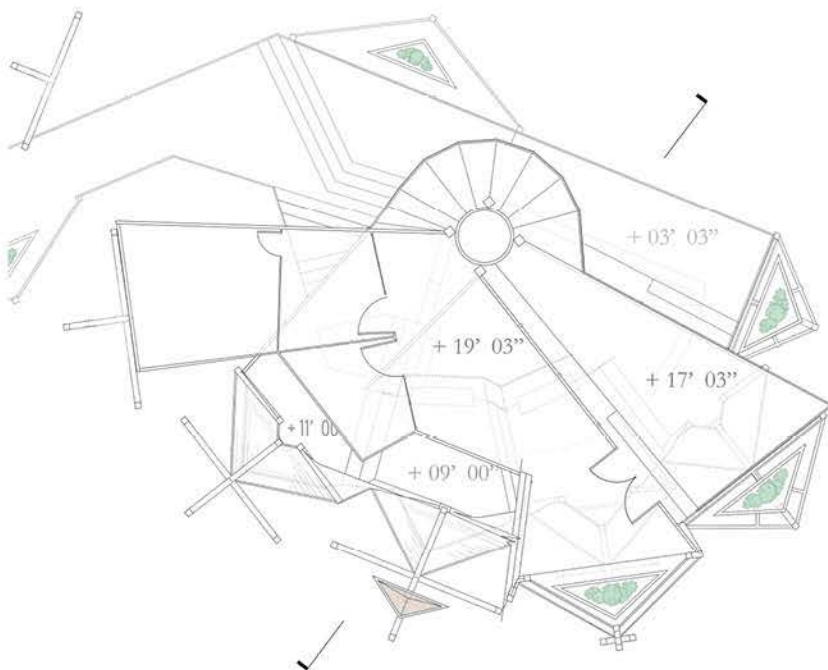
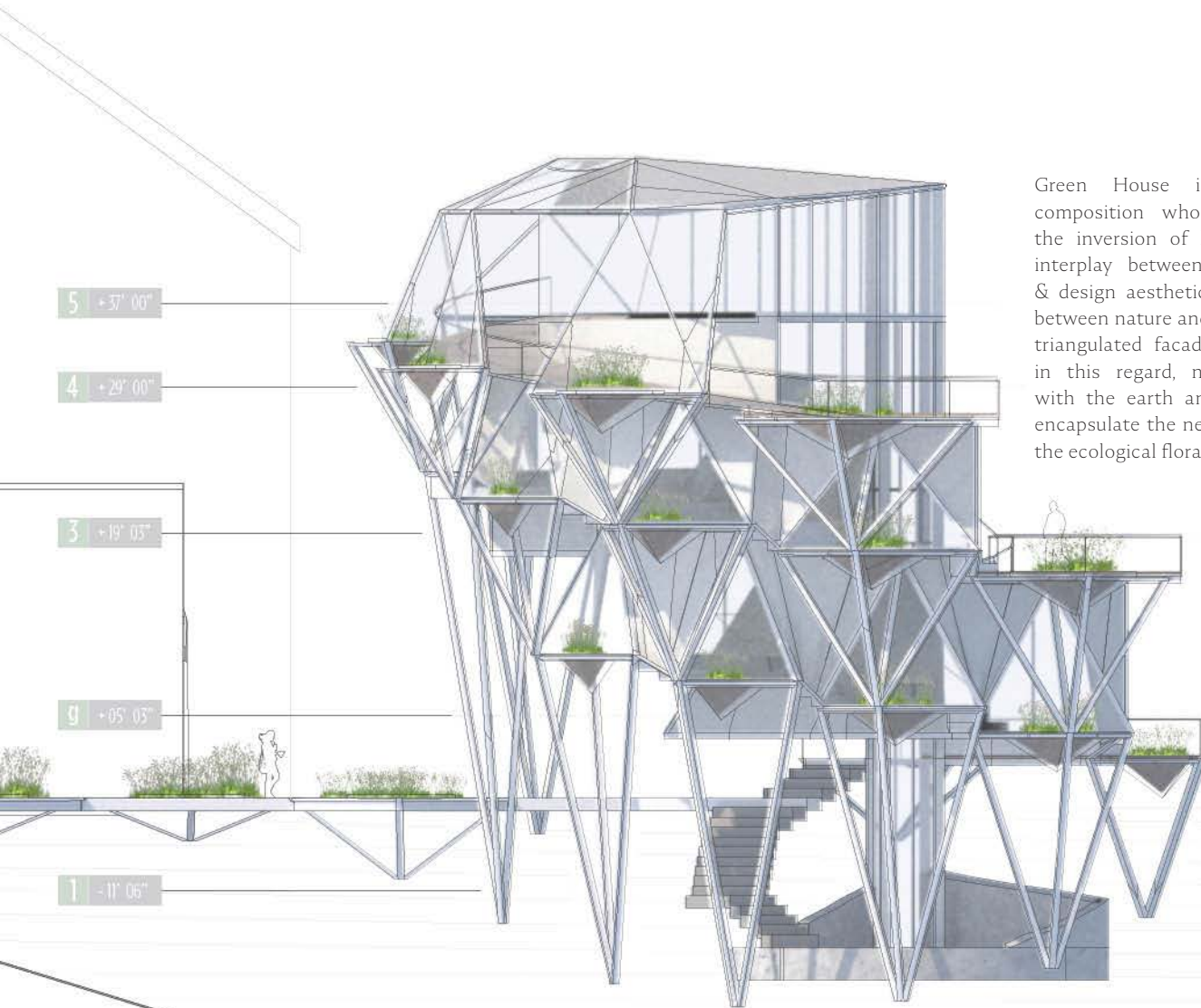
de'mar blvd

north elevation

Green House,

*preserving urban ecology
prof elisa kim, spring 2015*

Green House is a twisting vertical composition whose form emphasizes: 1) the inversion of height & growth, 2) the interplay between functional construction & design aesthetics, and 3) the interaction between nature and urban development. The triangulated facade is structurally relevant in this regard, narrowing in its contact with the earth and expanding upwards to encapsulate the necessary living systems for the ecological flora the structure houses.

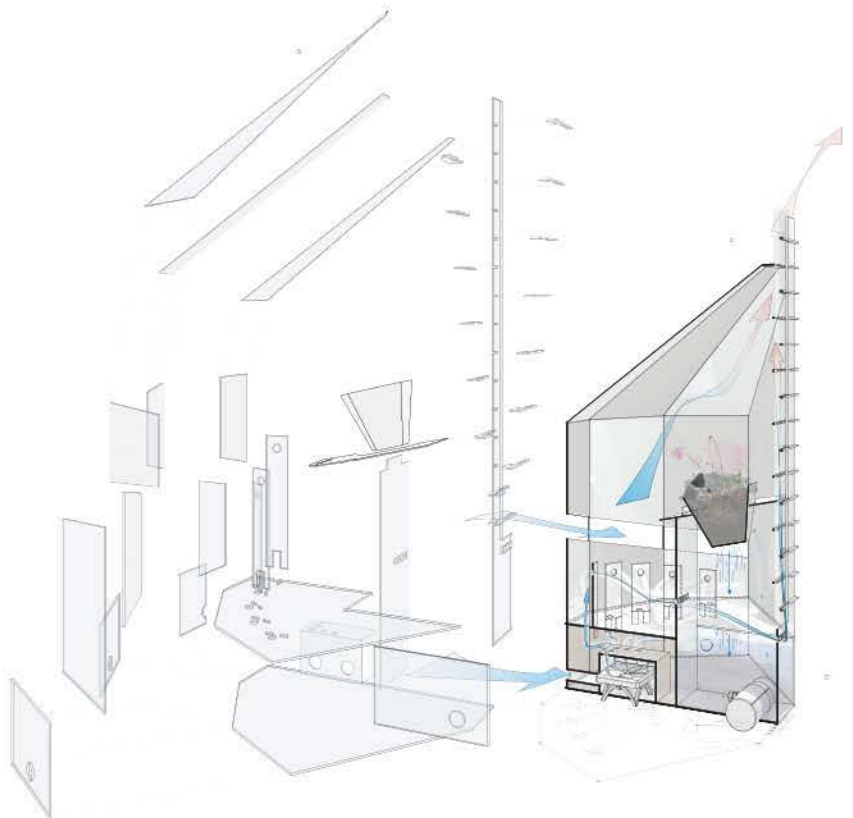




dappled shade
 to create a dappled shade effect for the plant, an alternating panel greenhouse surrounds the interior space, allowing for total sun exposure in certain areas over time

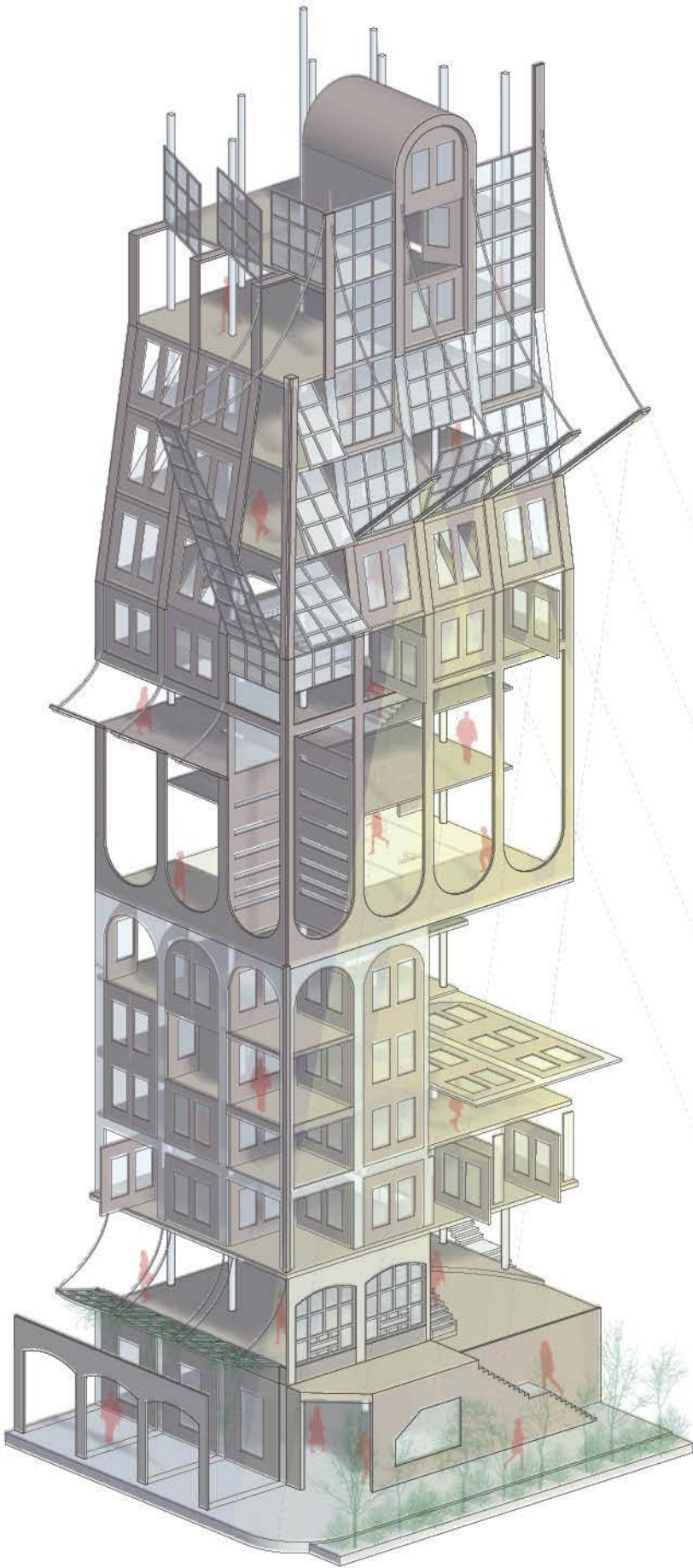
cooling ventilation
 air brought in by tubes running through the base is cooled by the surrounding pond, and circulated upward via a radiator fan. additional air enters the structure through a skirt in the panels, and the combination of the tubing provides an avenue for warm air to rise and escape the enclosure

drip irrigation
 a network of water cooled by the surrounding pond is pumped upwards via a larger set of tubes that circulate and provide timed drip irrigation for the plant. excess water falls back down to the reservoir to be reused later

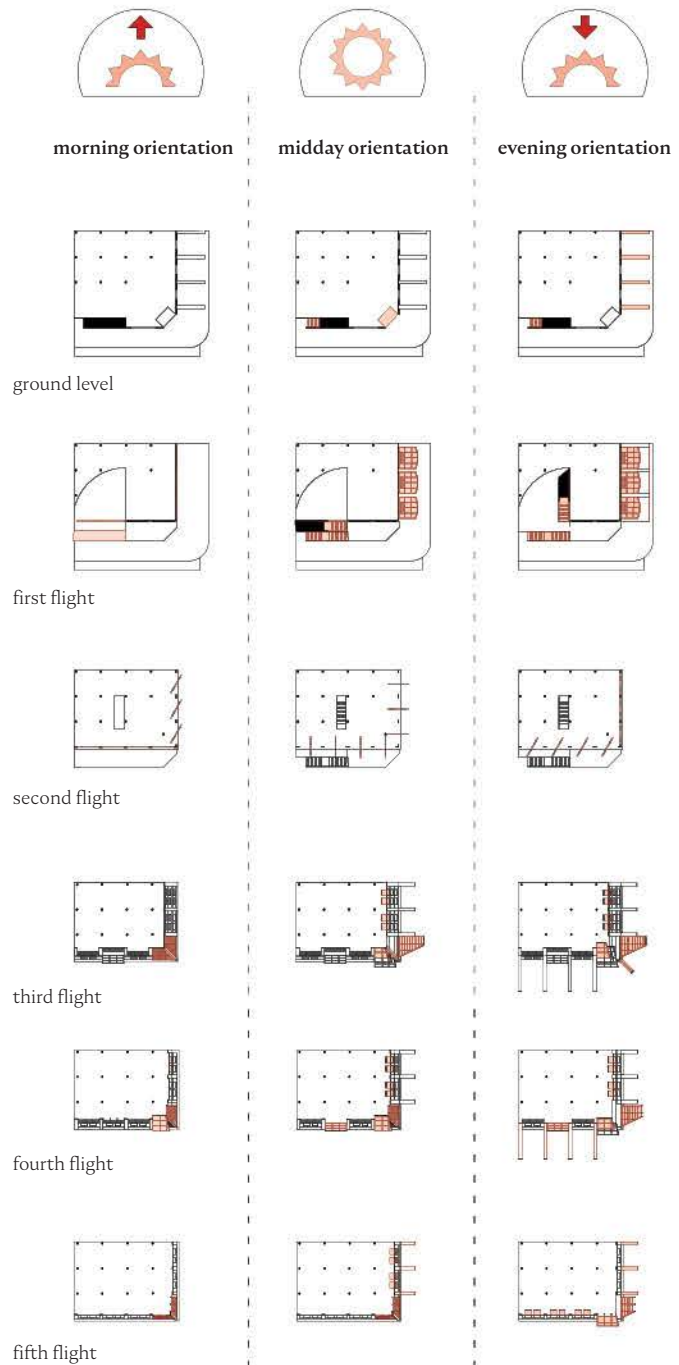


Corner House,

*transforming urban infrastructures
prof. inaqi carnicero, fall 2017*



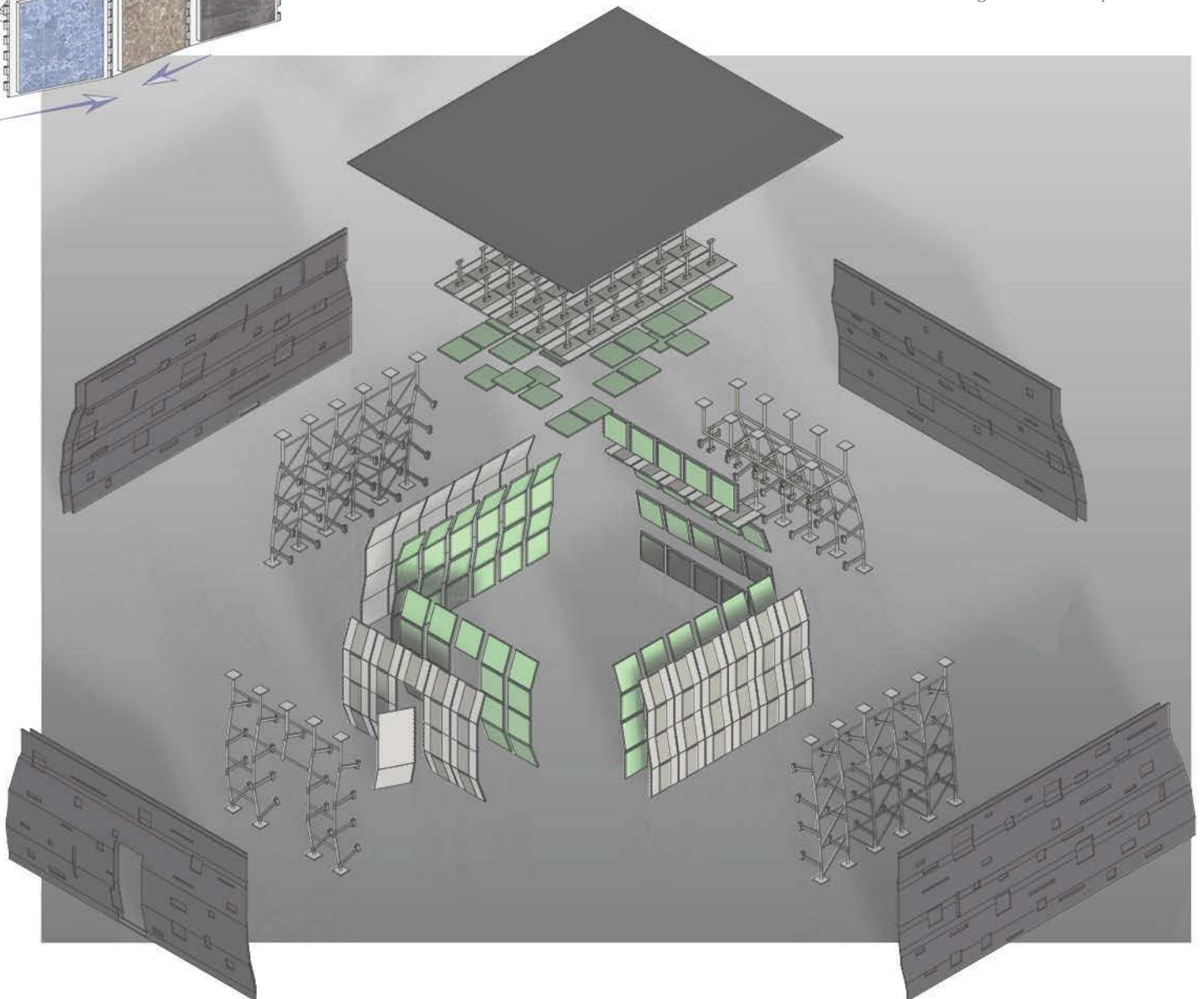
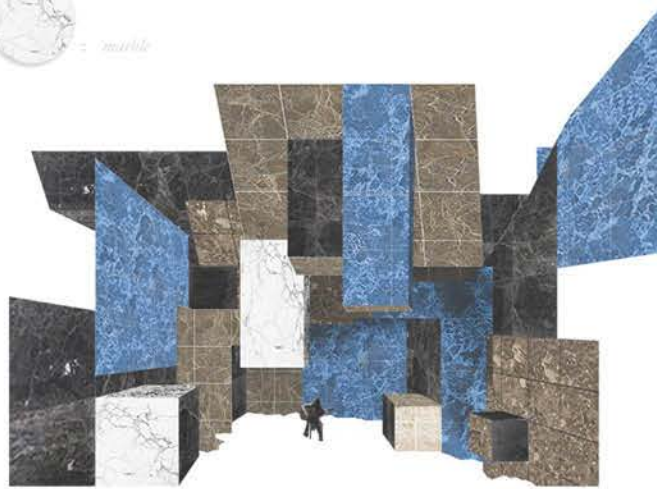
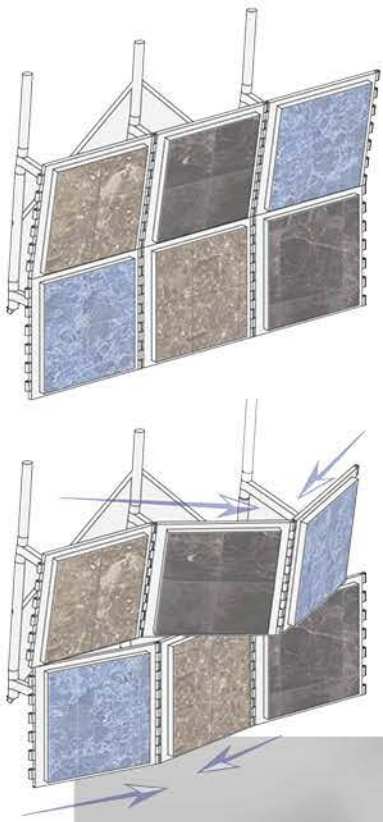
At the intersection of 14th St. + 2nd Ave. is a simple 7 story, pre-war apartment building. In an effort to maintain the efficacy of this building's simplicity, similar simple rotation movements of folding hinges and pivot rotations were added and caressed into the existing facade. Windows, bays, channels that define the ornament of the building shift and rotate so that over the course of a 24-hour day, various public + private spaces are activated within and beyond the realm of the building. The iterations, in their complete ensemble, cater towards 1 of 3 time periods: morning, midday, + evening.



Echo Box,

*a pop-up acoustic installation
prof. raj patel, fall 2017*

A modular, temporary structure of just over 3,500 sqft, the portable installation is specifically designed to create a continuous echo chamber for recording stylized sounds that are often dismissed or not prioritized in the music recording industry and thereby allow musicians to broaden their acoustical horizons. The box's unique interior of adjustable marble and granite panels is specifically engineered to mimic the renowned Cumberland Caverns concert and performance venue in rural Tennessee for a variety of instruments so that on-site recording locations might be brought in to the city.



inthecity,

showcasing digital urban intersections
prof zeuler lima, spring 2016

Framing a view for the city of Florence, Italy via the lens of social media, inthecity explores how people, tourists and inhabitants alike, experience and share perceptions of their surrounding urban contexts. We see that as users upload photos to a greater global communications network, the interstitial spaces within city are broken down, abstracted, and adapted into new ideas of understanding and participation for all.

north america

asia

piazza degli uffici

jwl_in_Firenze
Via Guelfa

25 likes
jwl_in_Firenze why
#filter:ludwig #the
katrina_farris have
jlee10 they're the
over several times
leighsima they ro
al.morel-on flickr
jwl_in_Firenze alv

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Pia

28 likes
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come back!!
robertklaz yo
interesting!
jwlynch8 @r

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e chess ~:d
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Jwlynch8
Piazza della Signoria

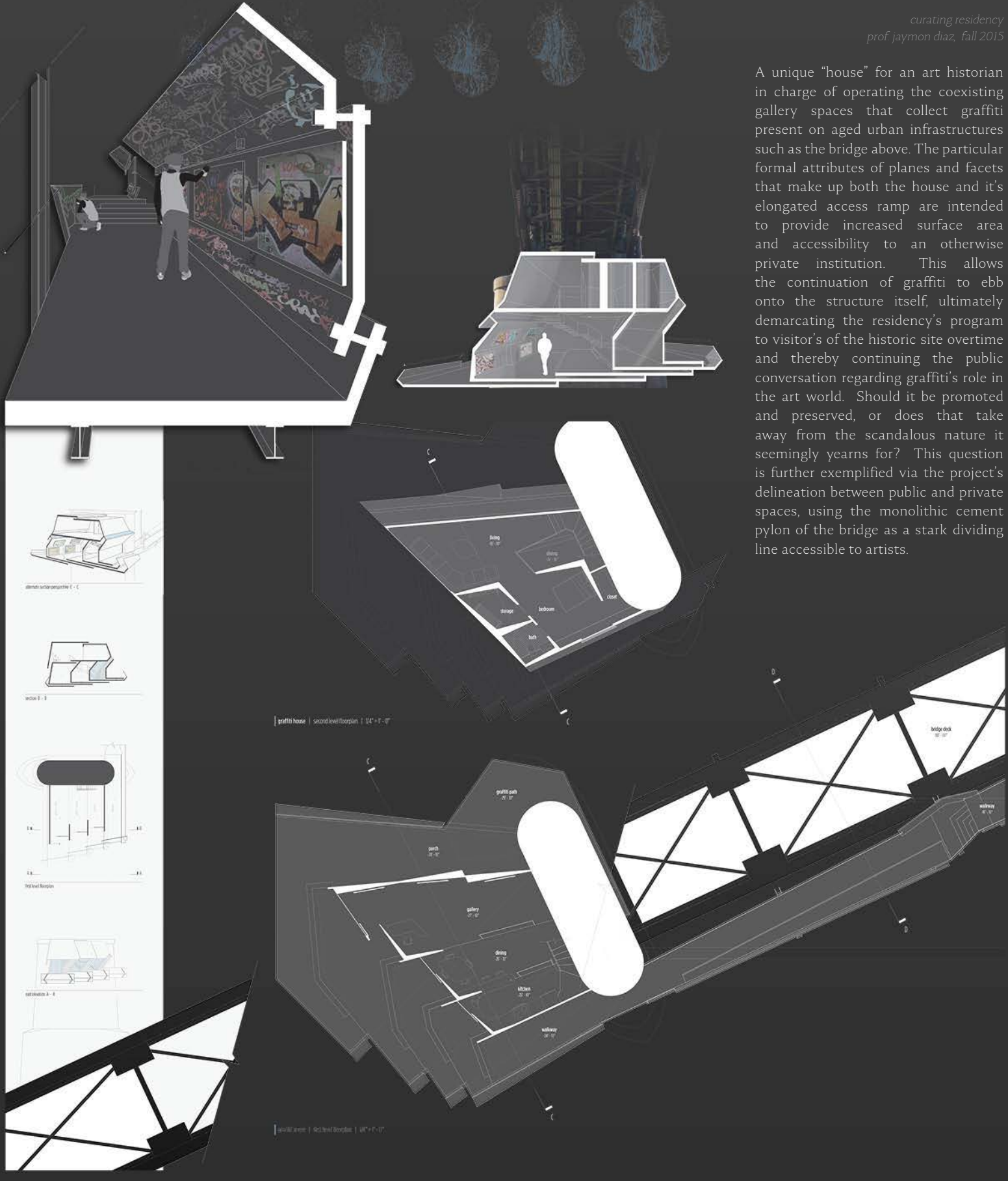
17 likes
jwlynch8 why give a shit about famous s
when the moss growing beneath them is
#filter:clarendon #wherethegreenmossgro
kiers10west rebel without a cause right h
andydart what's this under??
jwlynch8 @kiers10west my cause is anti
@andydart Perseus with the Head of Med
andydart I call bs
mlynch923 ...
mlynch923 but why?



Graffiti House,

*curating residency
prof. jaymon diaz, fall 2015*

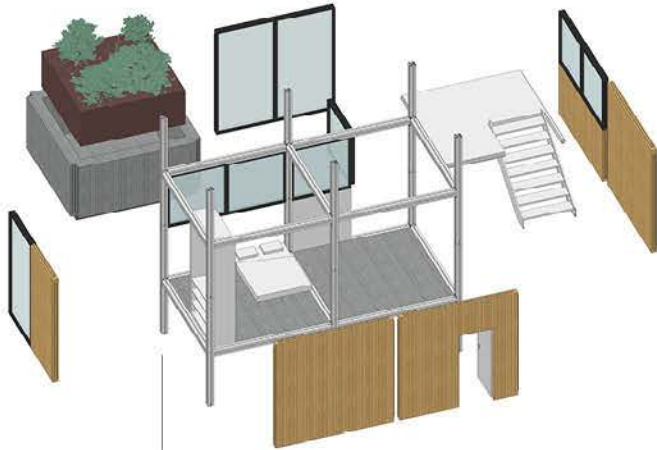
A unique "house" for an art historian in charge of operating the coexisting gallery spaces that collect graffiti present on aged urban infrastructures such as the bridge above. The particular formal attributes of planes and facets that make up both the house and its elongated access ramp are intended to provide increased surface area and accessibility to an otherwise private institution. This allows the continuation of graffiti to ebb onto the structure itself, ultimately demarcating the residency's program to visitor's of the historic site overtime and thereby continuing the public conversation regarding graffiti's role in the art world. Should it be promoted and preserved, or does that take away from the scandalous nature it seemingly yearns for? This question is further exemplified via the project's delineation between public and private spaces, using the monolithic cement pylon of the bridge as a stark dividing line accessible to artists.



room-set example:

bedroom, large
20' x 20'

- x7 wall panels
- x9 window units
- x3 floor panels
- x1 3-foot high planter



below:

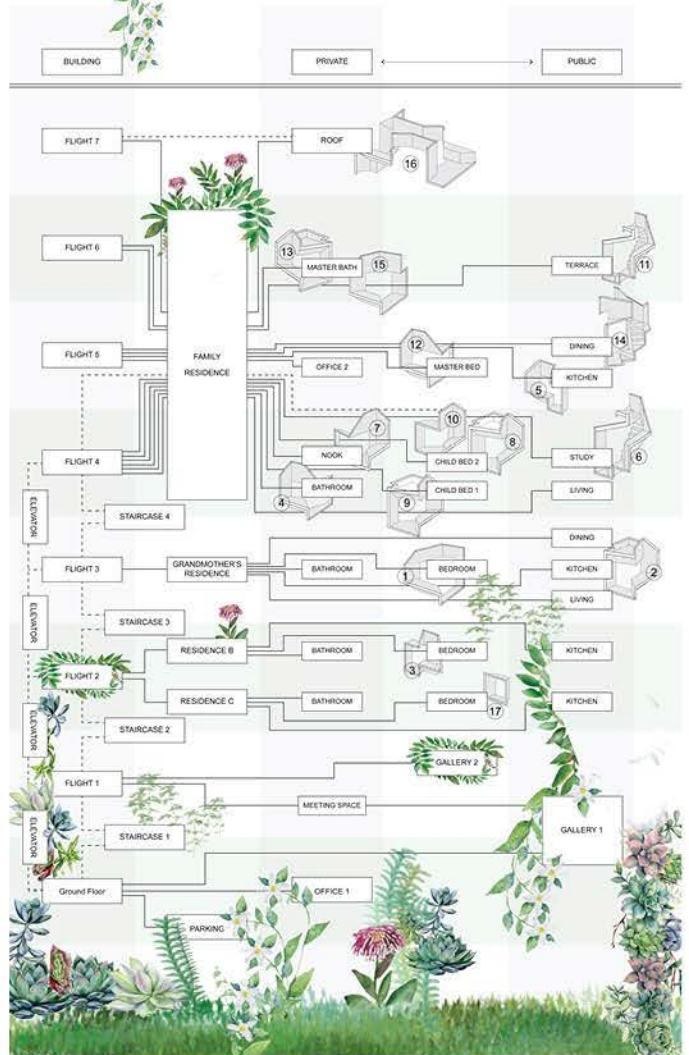
- x4 wall panels
- x6 half-wall panels
- x14 window units
- x6 floor panels
- x6 various planters
- x1 full stair unit
- x1 vegetated desk piece
- x26 Exo-Track build sets



Exo-Mod,

*pre-fabrication, housing, + trees
in collaboration with dalton baker
prof andreas tjeldflaat, spring 2020*

If pre-fabricated modules for residences could be as thoughtfully designed as an origami fold, then perhaps nature in our sustainable future can metamorphosize the construction and assembly of space. Better yet, over time folding away at how urban dwellers occupy the confines of their homes and interact with limited nature. The resultant modular housing project, *Exo-Mod*, is a system that explores and recognizes the opportunities to look at how planters and green spaces can be used in different apartment and lifestyle scenarios to create green shared spaces for a broader audience of dwellers.



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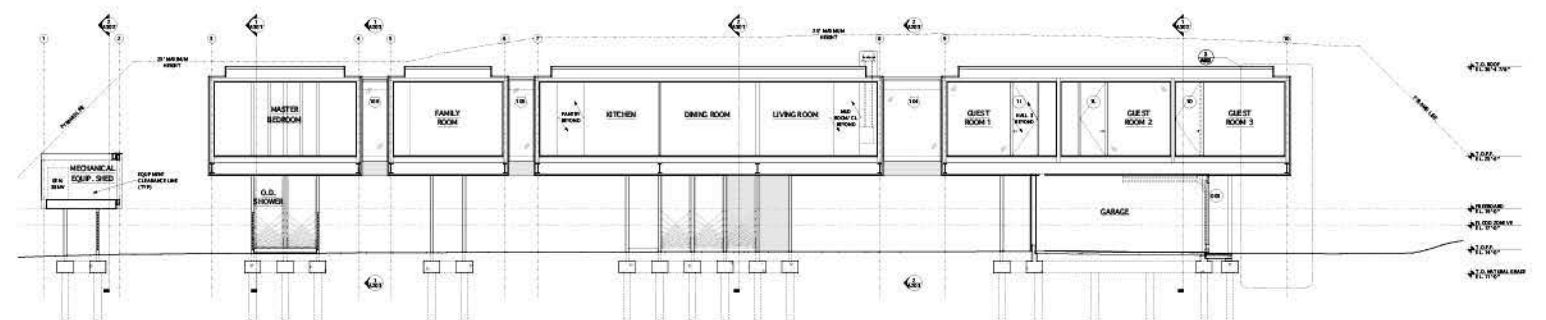
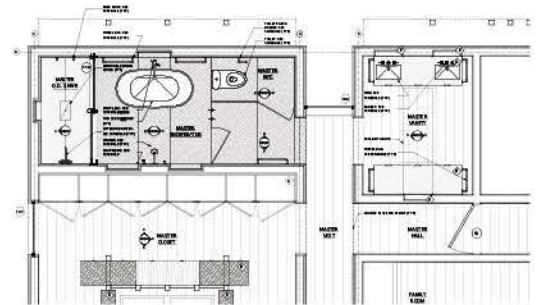
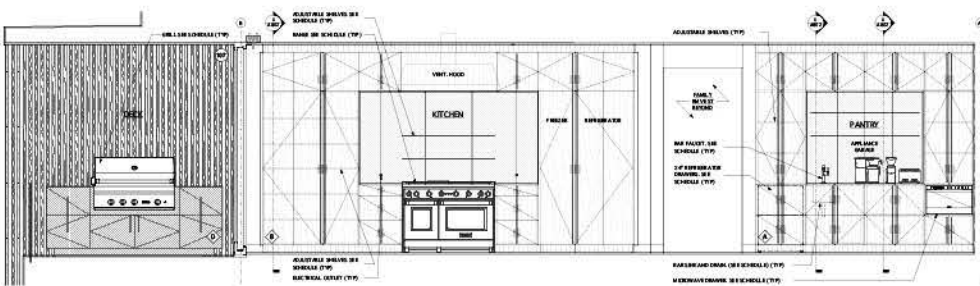
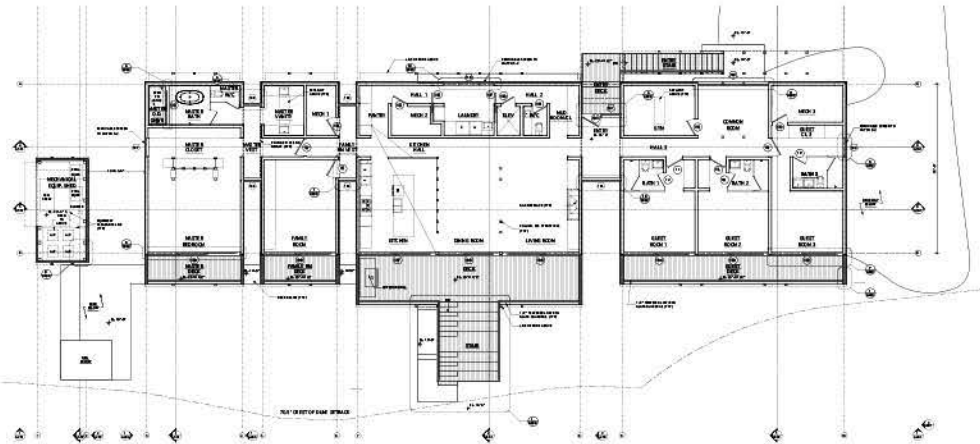
Business / Finance Proposal, 2014 - 2015
Olin Sustainability Case Competition



Amagansett Beach Residence,

*Bates Masi + Architects
summer / fall 2020*

This luxury Amagansett residence - located on a private dune of one of the Hampton's most prestigious beaches - carefully navigates environmental concerns with its raised plinth and appropriate setback from the ever-changing seaside dunes. Rather than employing the traditional raised construction methods, the house utilizes a dense grid of stainless steel piloti, assembled with functional ornate cross-bracing at various points that allow for necessary sand build up over time so that the beach dunes might slowly move in and become a stabilizing part of the house's underside. Moreover, each of the residence's lifted volumes fully embraces their subsequent programs, housing a master suite, a family suite, a large living suite, and a multi-occupant guest suite, each complete with a private deck and wall-to-ceiling windows featuring full and uninhibited views of the ocean.

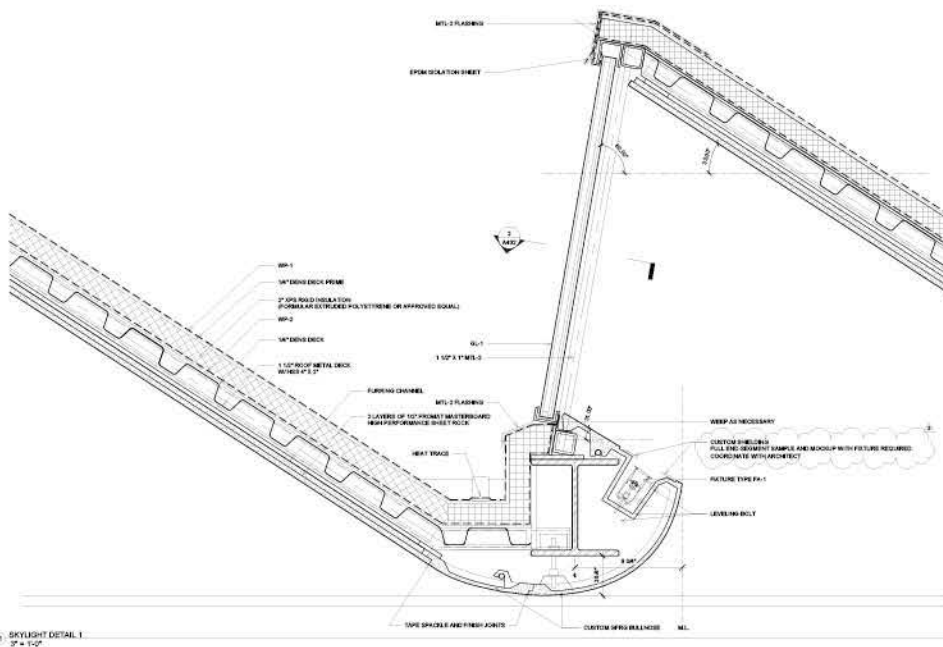
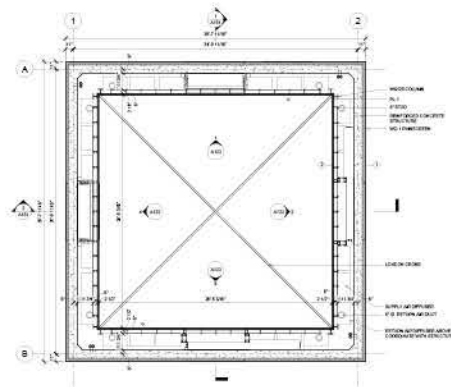
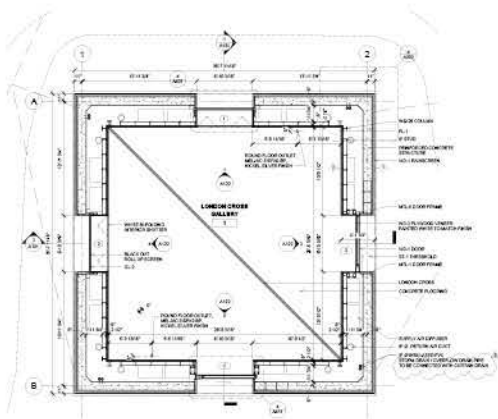


LX Pavilion,

OLI Architecture, PLLC
summer 2019



The LX Pavilion stands at the intersection of minimal and cerebral, of material and space: dualities emanating from the Richard Serra sculpture housed within. Unlike the temporary indoor gallery installation where the London Cross (2014) was first shown, the design was tasked to create a permanent home for Serra's sculpture composed of two fifteen-ton weathering-steel plates measuring 40' long, 7' tall and 2-1/2" thick. Balanced on its edge, the lower steel plate runs diagonally between two corners of the room, while its counterpart, perched atop with a point load at midpoint and running perpendicular to it, is held in place by the specially constructed hydrated-lime wall partition resisting only the plate's rail loads. The lower plate defines a plane that bisects the pavilion into two galleries, bringing an immediate awareness to the presence of the unseen side.



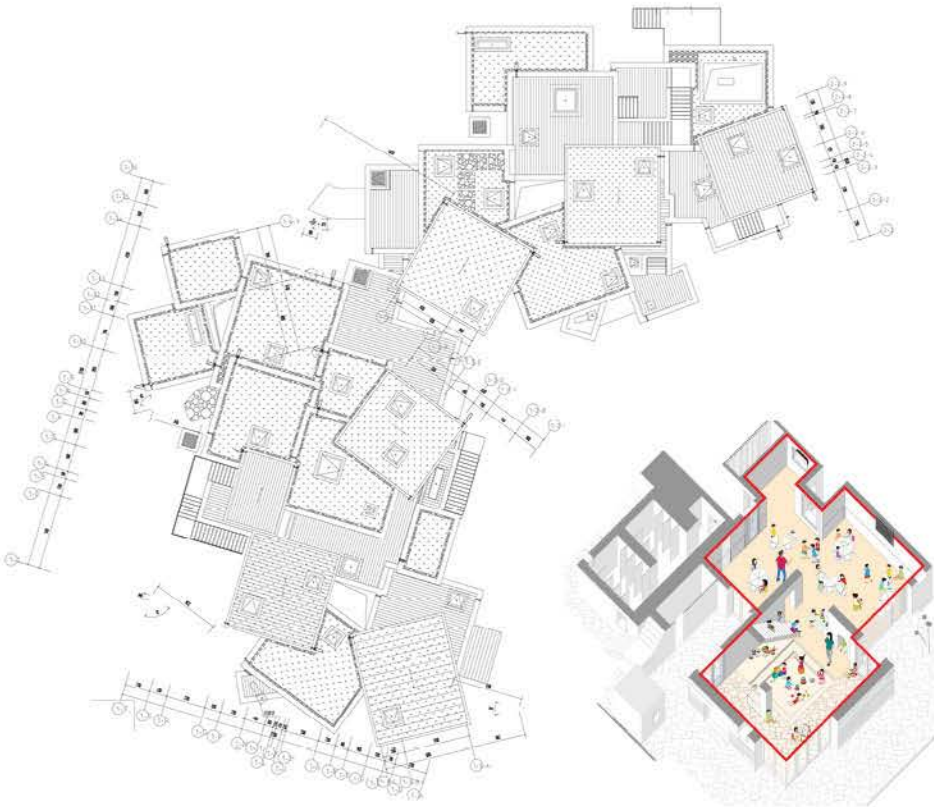
SKYLIGHT DETAIL 1
3" = 1'-0"



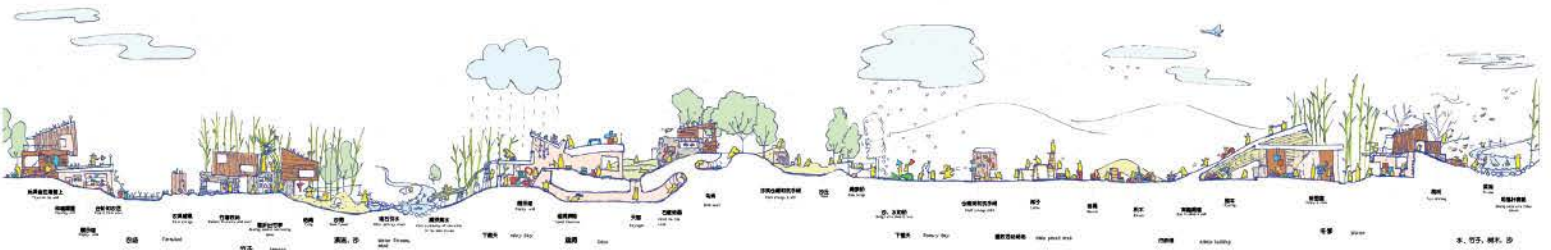
Anji Play Kindergarten Campus,

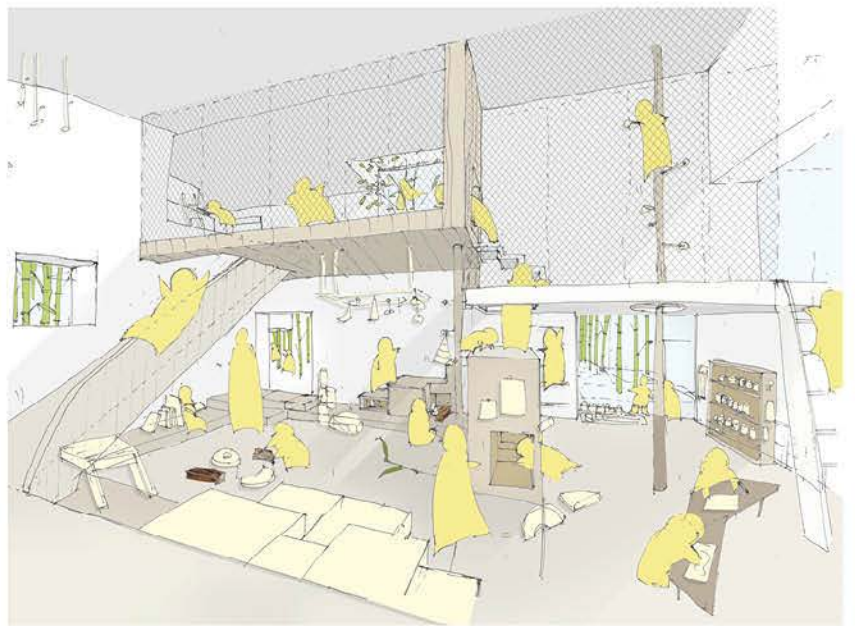
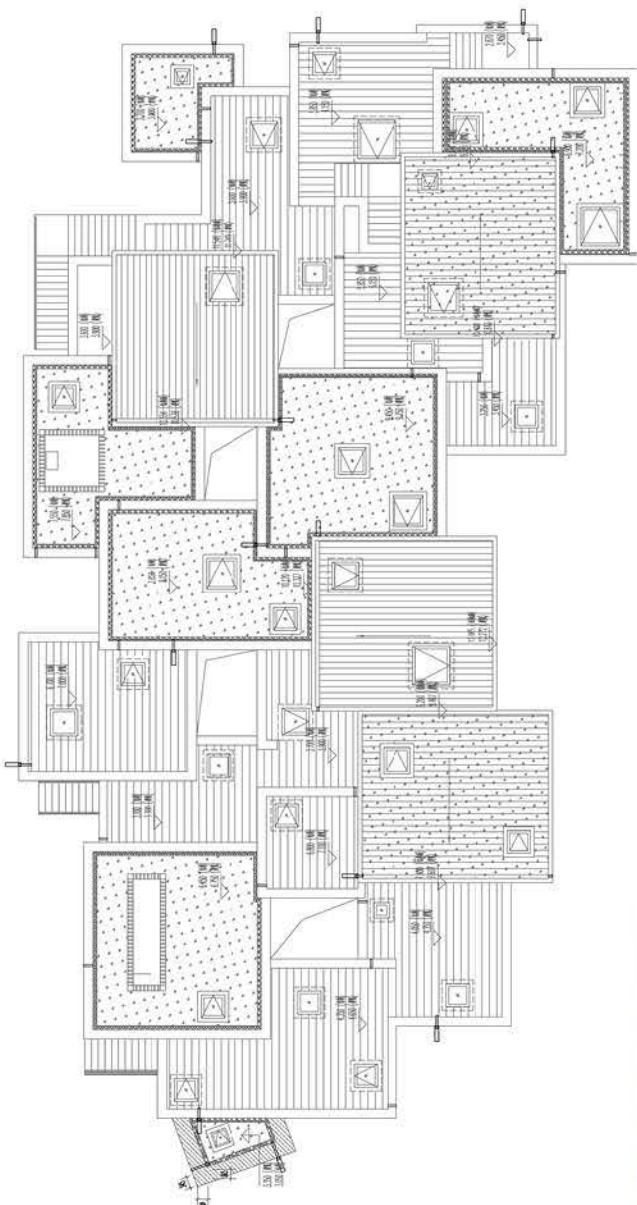
OLI Architecture, PLLC
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The Anji Campus design is the result of experimental play, following the manner of the 21st century early childhood education movement. In fulfillment of this successful experimentation is a neutral architecture with the ecology in the foreground, and a fluidity between the spaces. Located in Anji County in the Zhejiang province of China, the site is diverse in its topography and natural elements. Within the traditional context analysis arises a natural playscape of five clusters, with a ramp of Anji bamboo connecting. The five clusters dissolve into sixteen homerooms, sharing a common building block but remaining unique in form. Blurring the line between inside and outside through an avid interaction with the natural landscape, the homeroom becomes not only an uninhibited space to play and learn and grow, but a home to its children.



Homeroom Cluster C_03

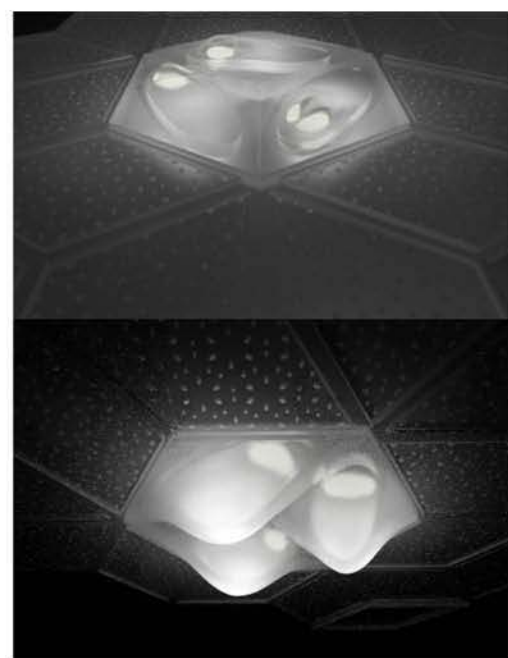




Constellation Park,

*Latent Productions / DEATH-Lab,
summer / fall 2018*

OnSite: Constellation Park presents a fragment of public infrastructure coupling science and the civic-sacred. This new urban cemetery transforms deceased biomass into an elegant constellation of light, illuminating our collective responsibility for the future. Given rapidly depleting cemetery space in cities, increasing urban populations, and the acute environmental toll of both burial and cremation, alternative funerary practices are inevitable, yet currently unresolved. Our cities require new mortuary options which respond to the constraints of ecology, time, and limited burial space. Constellation Park is a suspended public memorial, harnessing science while respecting spirituality. The system transforms our biomass into an elegant constellation of light, illuminating new civic space amidst underutilized existing urban infrastructures.

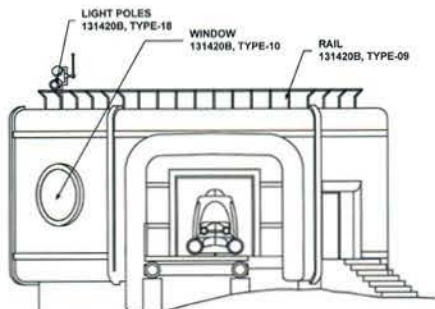
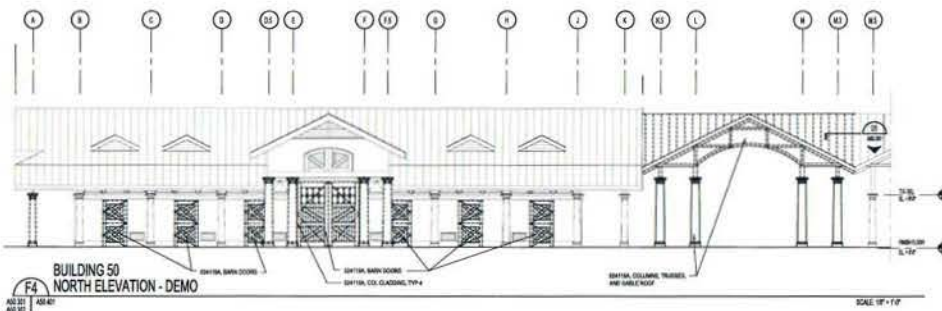


Seaworld Ocean Explorer Realm,

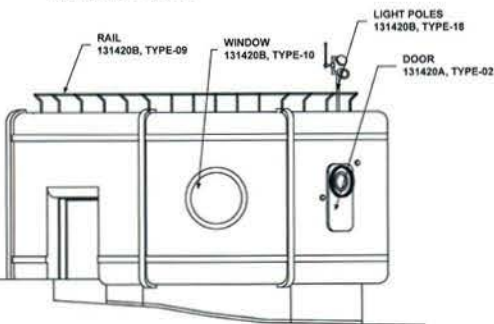
PGAV Destinations,
summer 2016

An all new deep-sea adventure realm located within SeaWorld San Diego park, this immersive and exploratory architectural experience combines multiple bespoke aquariums, rides and digital technologies aimed at providing guests with a sense of adventure while inspiring them to protect the oceans.

The Ocean Explorer realm consists of a series of undersea research bases housing aquariums and interactive activities displaying unique and elusive ocean animals, from the quick-camouflaging giant Pacific octopus to eerie moray eels to the massive Japanese spider crabs. Educational displays, technology and graphics are key components of each section and specifically designed as being integral to the architecture.



A THEMING - WEST ELEVATION
SCALE: 1/8" = 1'-0"
REFER TO ARCH: A40.401/A4



C THEMING - EAST ELEVATION
SCALE: 1/8" = 1'-0"
REFER TO ARCH: A40.401/D4





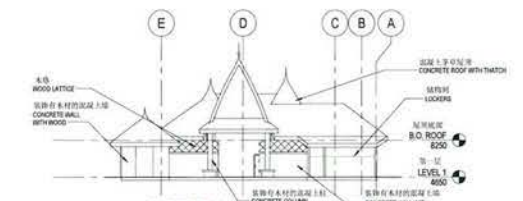
Evergrande Ocean Flower Island,

PGAV Destinations,
summer 2016

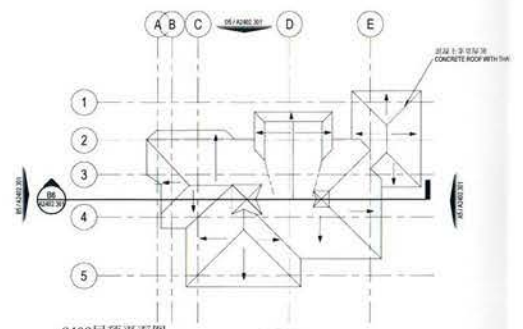
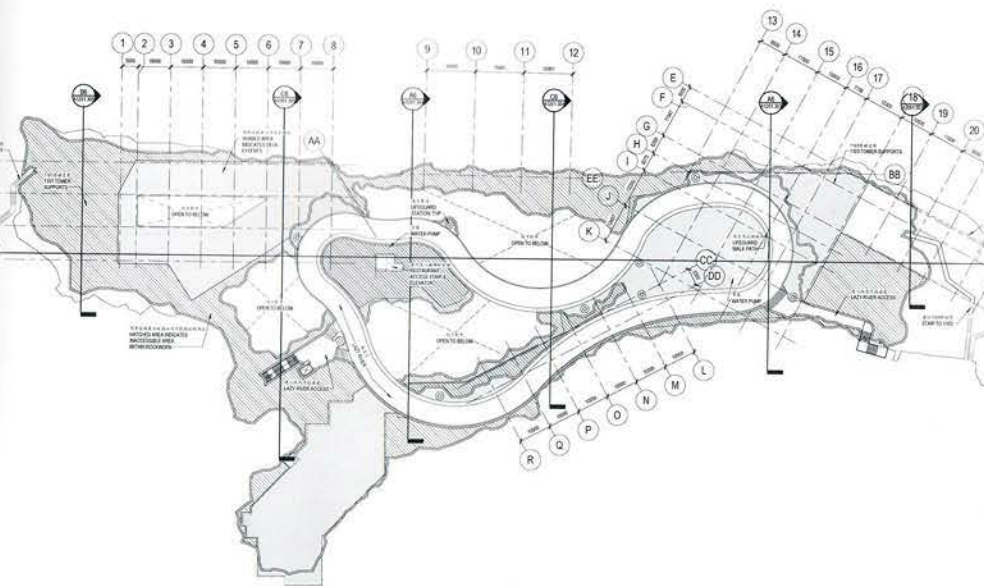
The arctic and tropics meet at this unique waterpark for Ocean Flower Island by the Evergrande Theme Park Group. This entertainment site will be home to state-of-the-art marine museums, fantasy dramas customized by world-famous directors, five-star resort hotels, duty-free shopping malls, theme parks centered on a fairy tale theme, marine interactive themes park, snow mountain themed water park, and much more.



2402主题立面图
D3 2402 THEMATIC ELEVATION
1:200



2402立面图北侧
D5 2402 NORTH ELEVATION
1:200
A2402.301



2402屋顶平面图
B3 2402 ROOF PLAN
1:200
A2402.301

