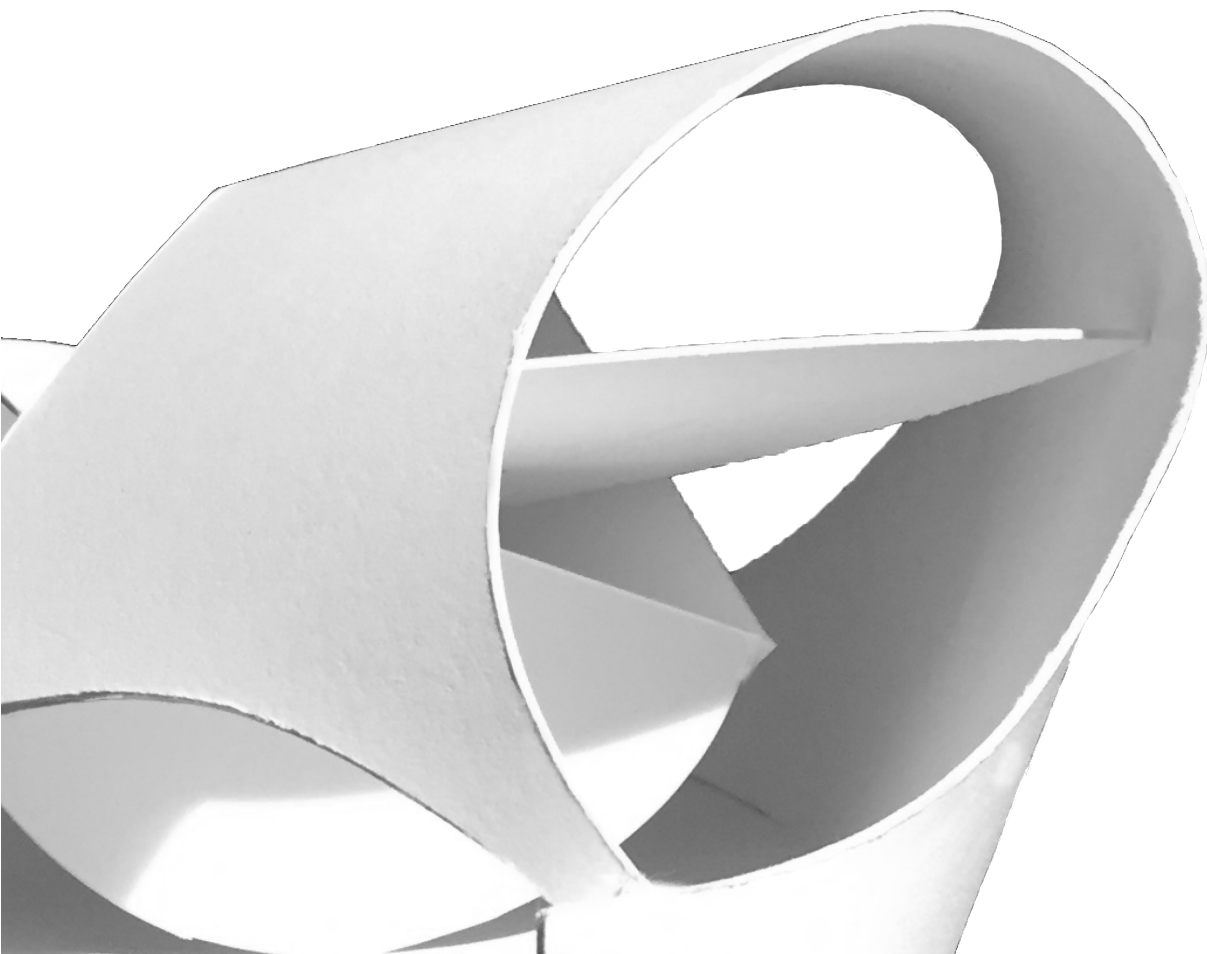


MATTHEW ROCKTASHEL

ARCHITECTURE PORTFOLIO

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4: CONTRACT

8: INTERNSHIP

10: ACADEMIC

14: MIXED MEDIA



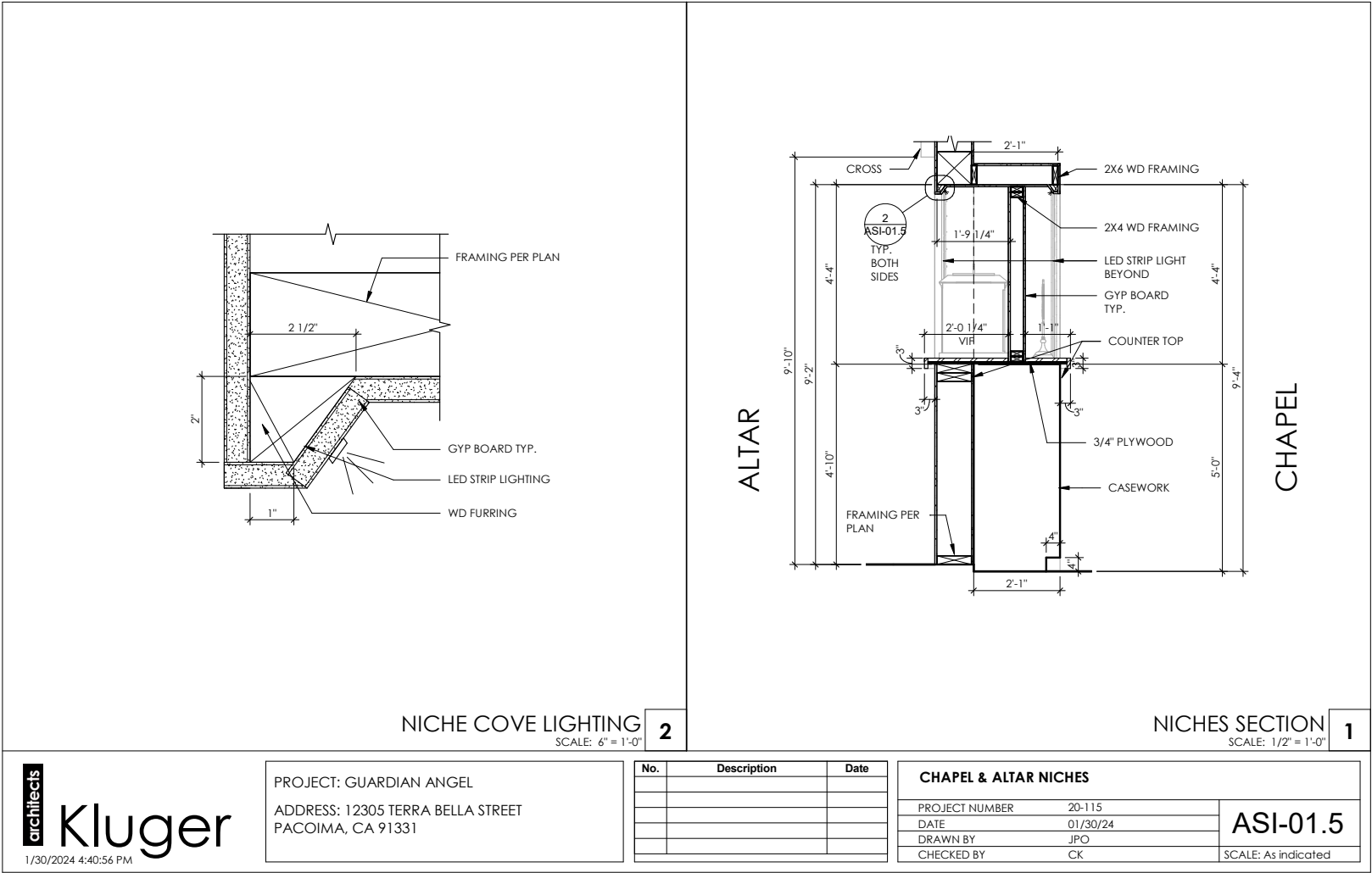
This Virtual Reality Frame is a combination of three projects. The Feral Figure Study, The Residential Transformation and an animation for a class in experiments in immersive design.

Hello! Thank you for taking a look at my portfolio. Here one will find all of the projects and deliverables that I have had the privilege to be apart of. The documents is organized chronologically, with the most recent projects from the professional world at the beginning and older projects from the academic setting in the end. I am confident that the projects will accurately depict my experiences gained and represent what I can offer to an office. My goal first and foremost is to become the best asset possible.

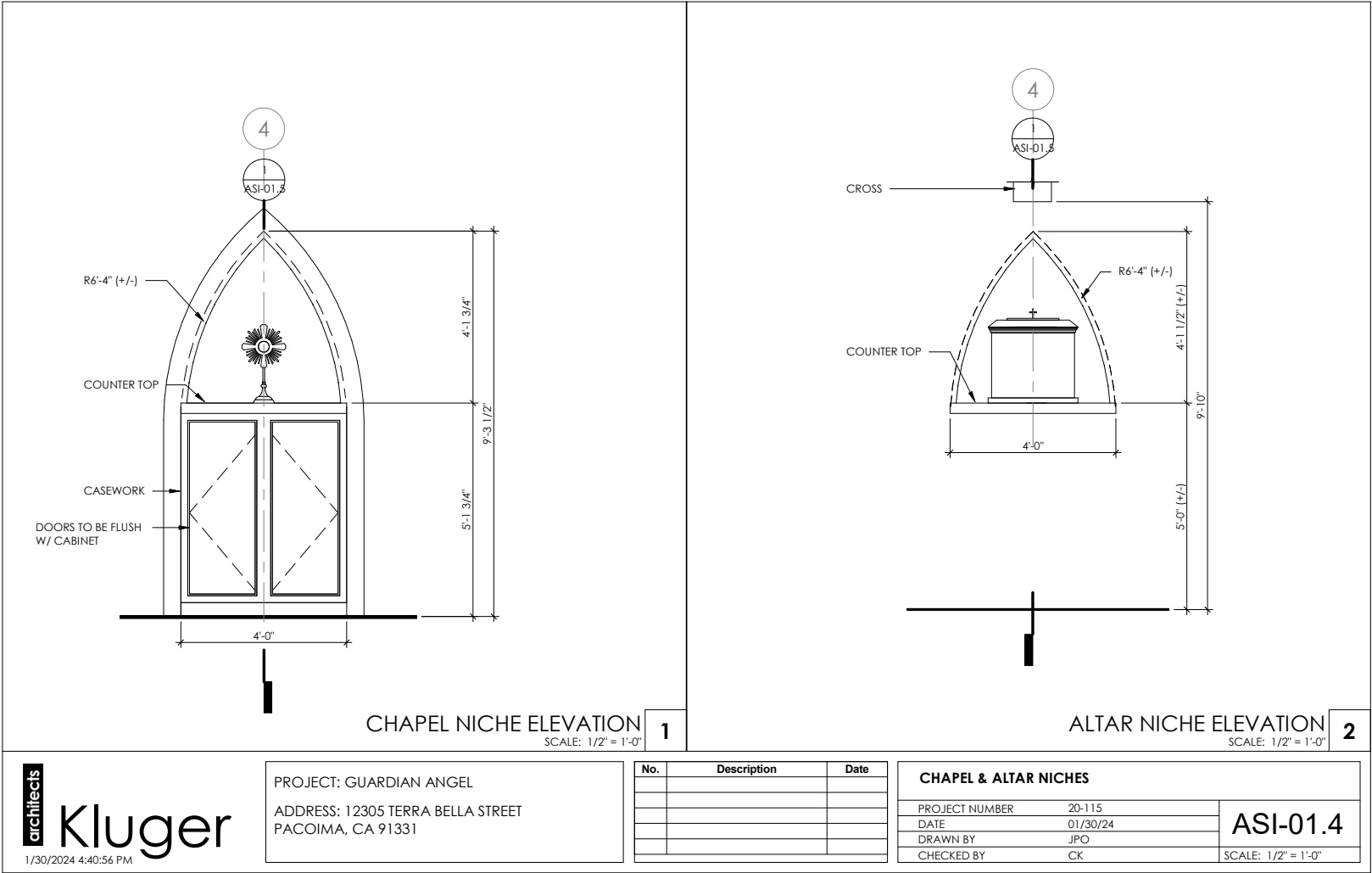


I had the opportunity to assist with construction administration for the Guardian Angels church in Pacoima, California. This included regular site visits and responding to RFI's and Submittals. The depicted altar and niche are part of a presentation set used for a design revision of the entire altar arrangement.

As a project lead for Urban Dwell Architects, my role mainly consisted of seeing Starbucks stores through to construction. This included new stores and major rennovations of existing stores. A great deal of the job entailed meeting submittal deadlines and getting the project permitted in a timely manner. In addition to coordinating with Starbucks construction managers and administration, I helped produce shell models, construction documents and prepare for schematic design meetings.



2 [Guardian Angels Altar and Niche] Construction Admin.



The following drawings provide specifications and dimensions to assist with installation of design features within a framing system that has already been framed.

5 [Guardian Angels Altar and Niche] Construction Admin.

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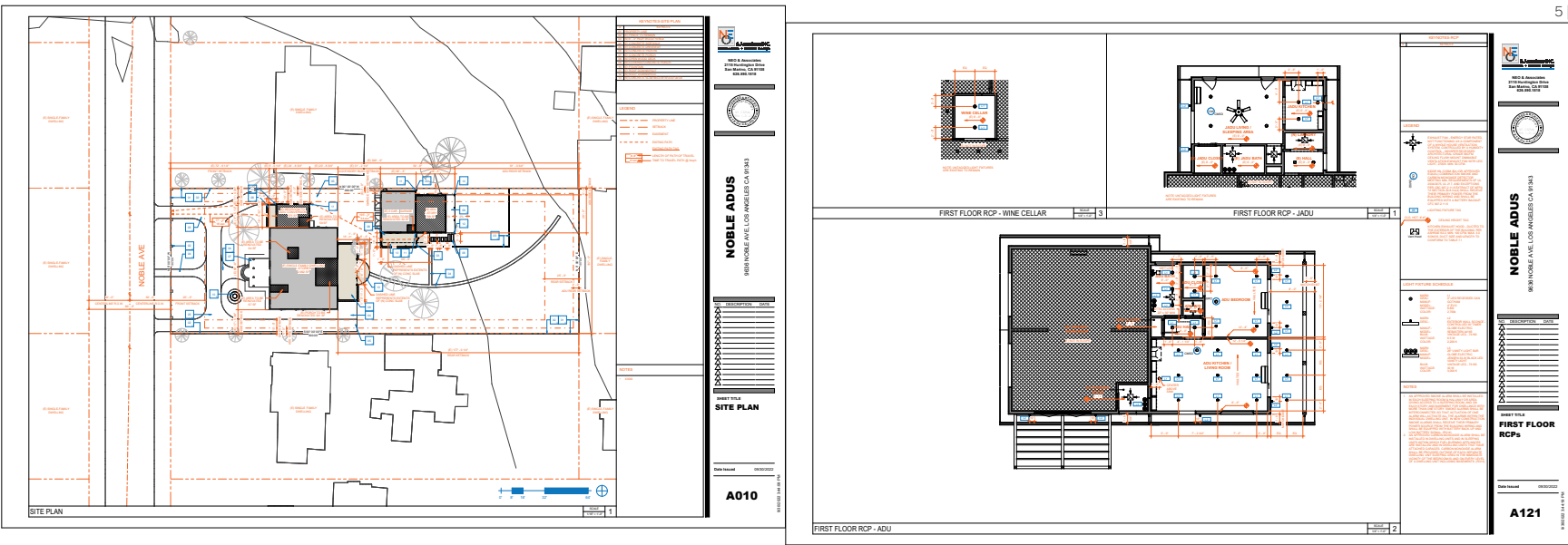
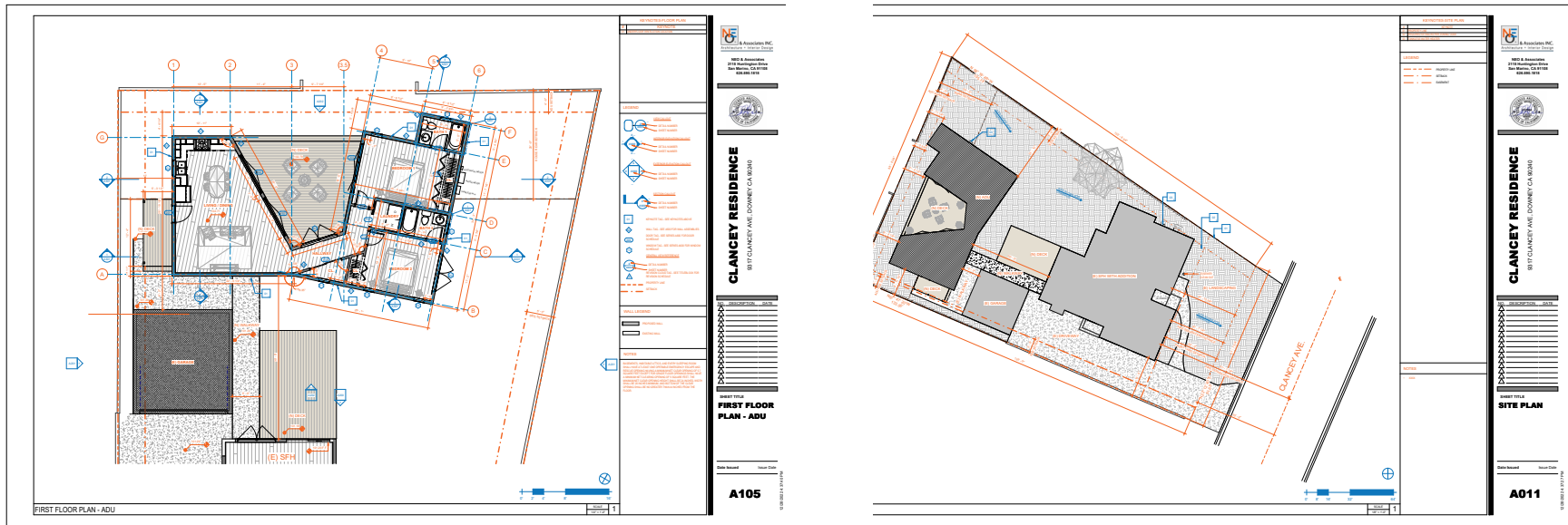
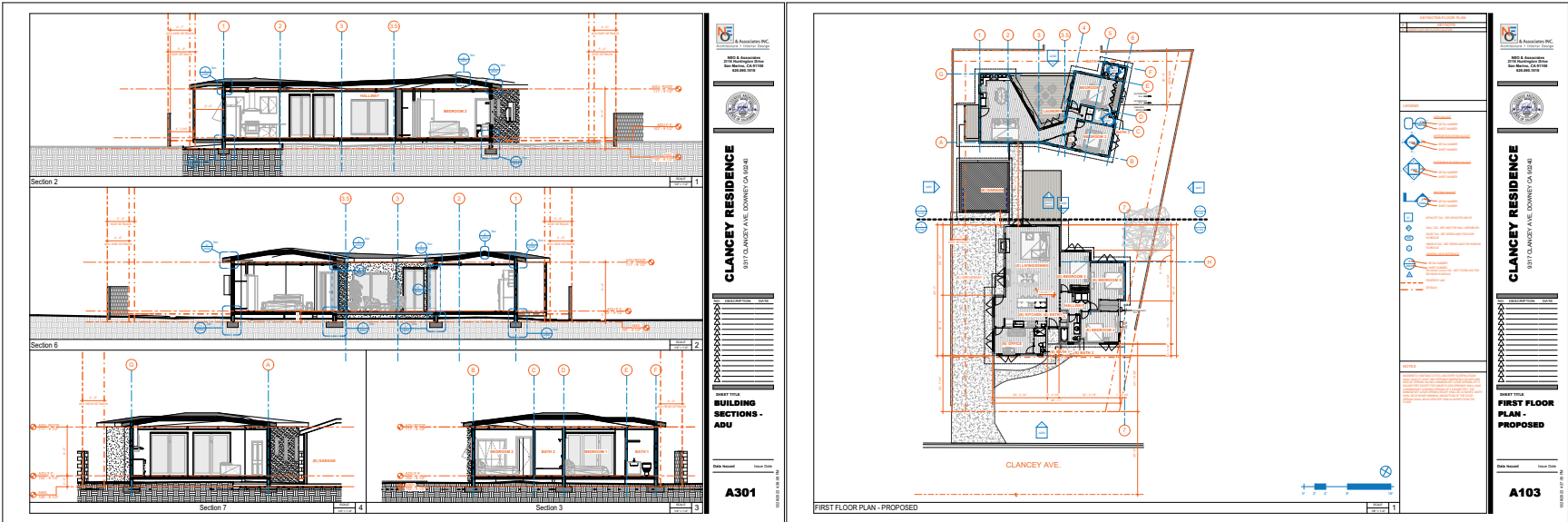
My main project while working at SWA Architects was a competition commissioned by LA County. The scoping documents outlined the planning and construction of a 2 story building consisting of a Mental Health Urgent Care Clinic on the first floor and a Residential Withdrawal Management Facility on the second floor. The site is part of a campus with other expanding entities and new construction. Abott Construction and Erlich Yanai Rhee Chaney architects also were part of the team. I created the Revit model used to produce these renderings.

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While working at NEO & Associates, I helped generate drawings for the construction document submittal. The project consisted of a rennovation of a single family and the construction of a new ADU attached to the existing garage. This project provid-ed exposure to county codes and law such as setbacks, tree preservation, parking requirements and height limits.

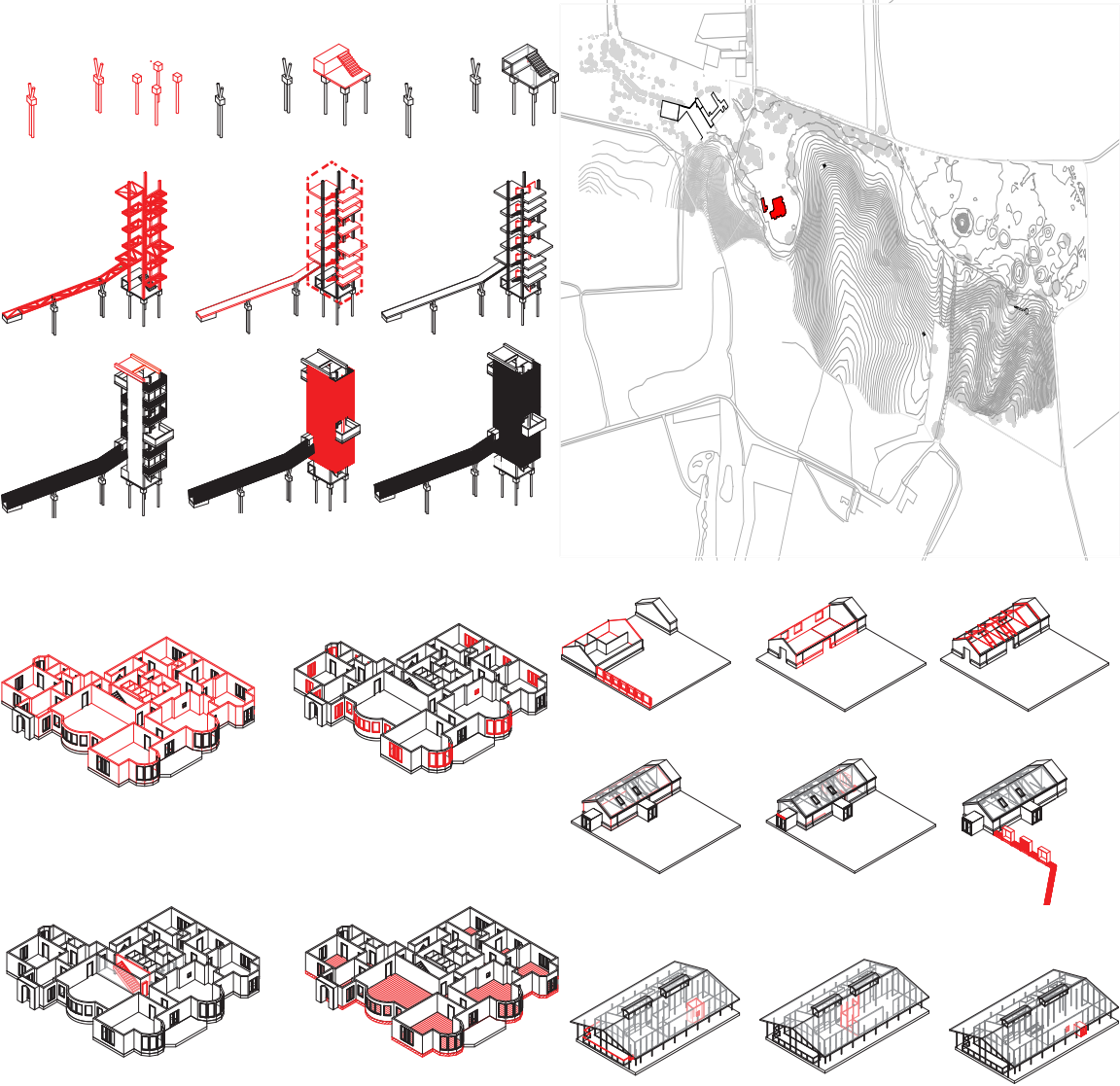


While working at NEO & Associates, I served as an architectural designer to produce drawings for the rennovation of a single family residence, a junior ADU and the construction of an additional detached ADU.

5 |Clancey ADU| contract

9 |Noble ADU| contract

While working at Empty S.L I had the privilege of assisting with a competition entry for the Sutton Hoo ship burial site. Although Empty did not recieve the contract, the experience allowed me to practice my parametric design and presentation skills.



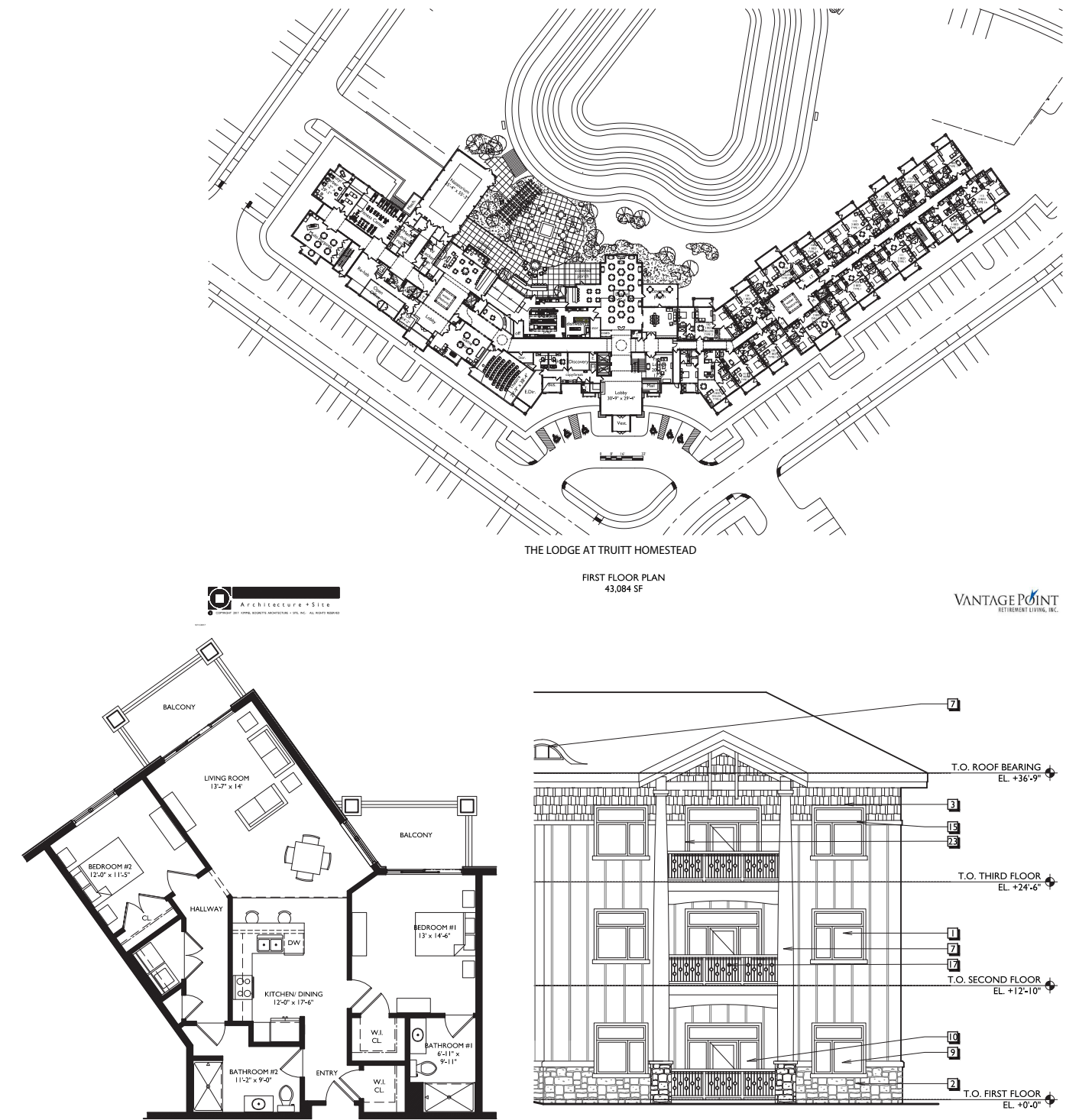
10| sutton hoo | competition



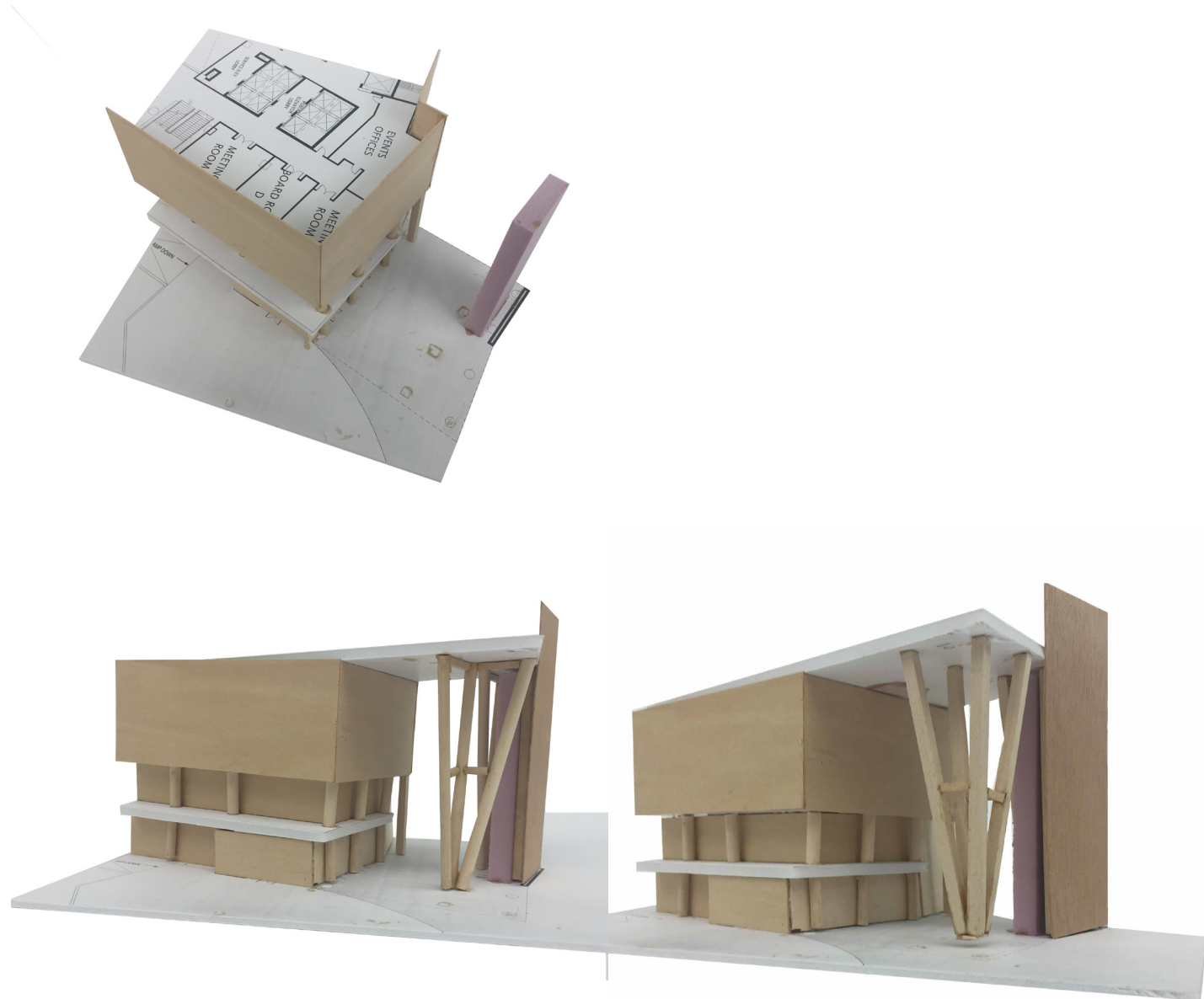
Also while working at Empty S.L, I was part of a job contracted by Mark Quinn and Foster+Partners Architects. I am primarily responsible for the 3D model of New York Public Library used in this rendering.

10| NYPL | internship

While working for Kimmel Bogrette I assisted with plans, elevations and detail drawings for senior living facilities. This job also exposed me to surveys and client meetings.



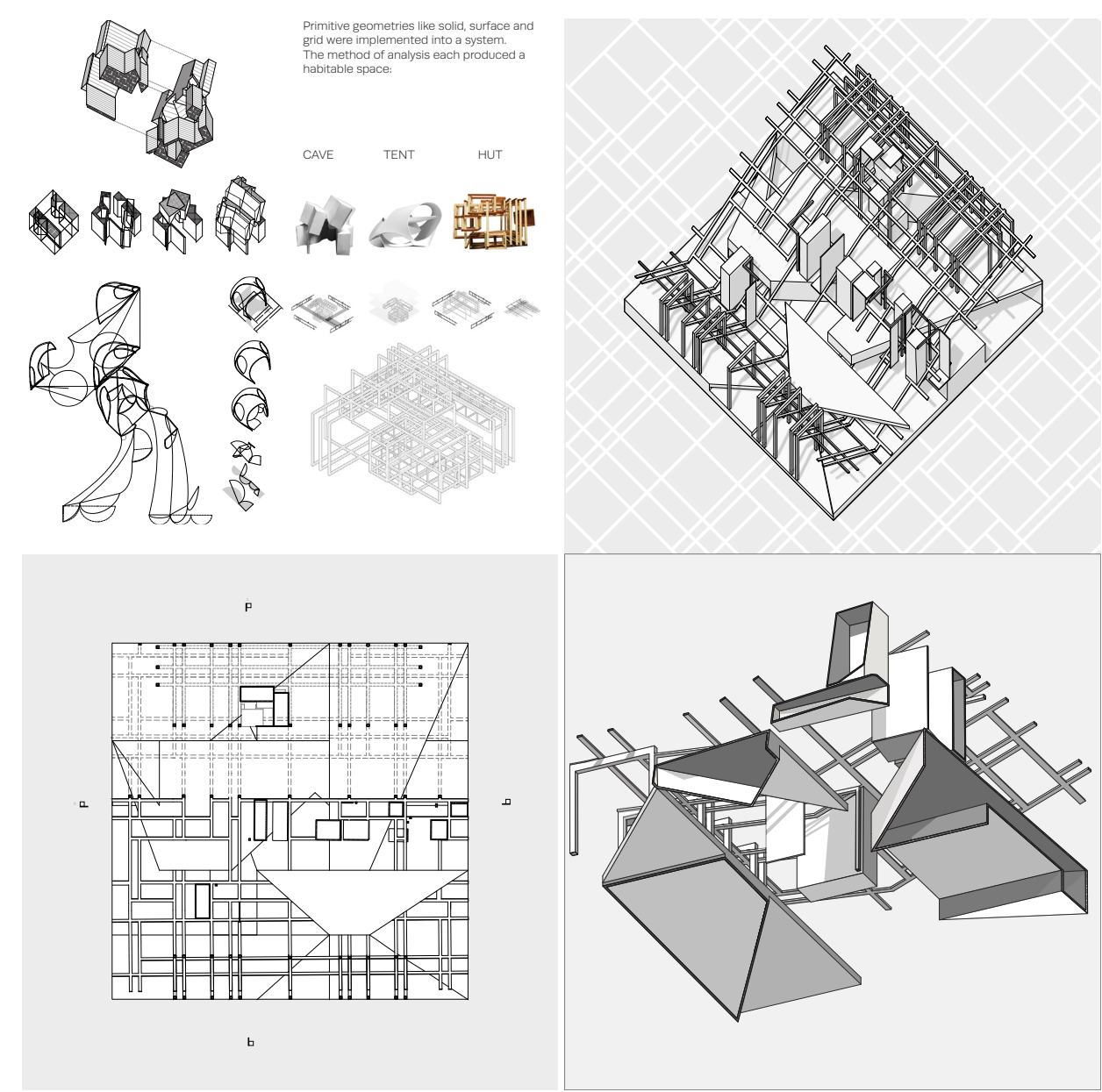
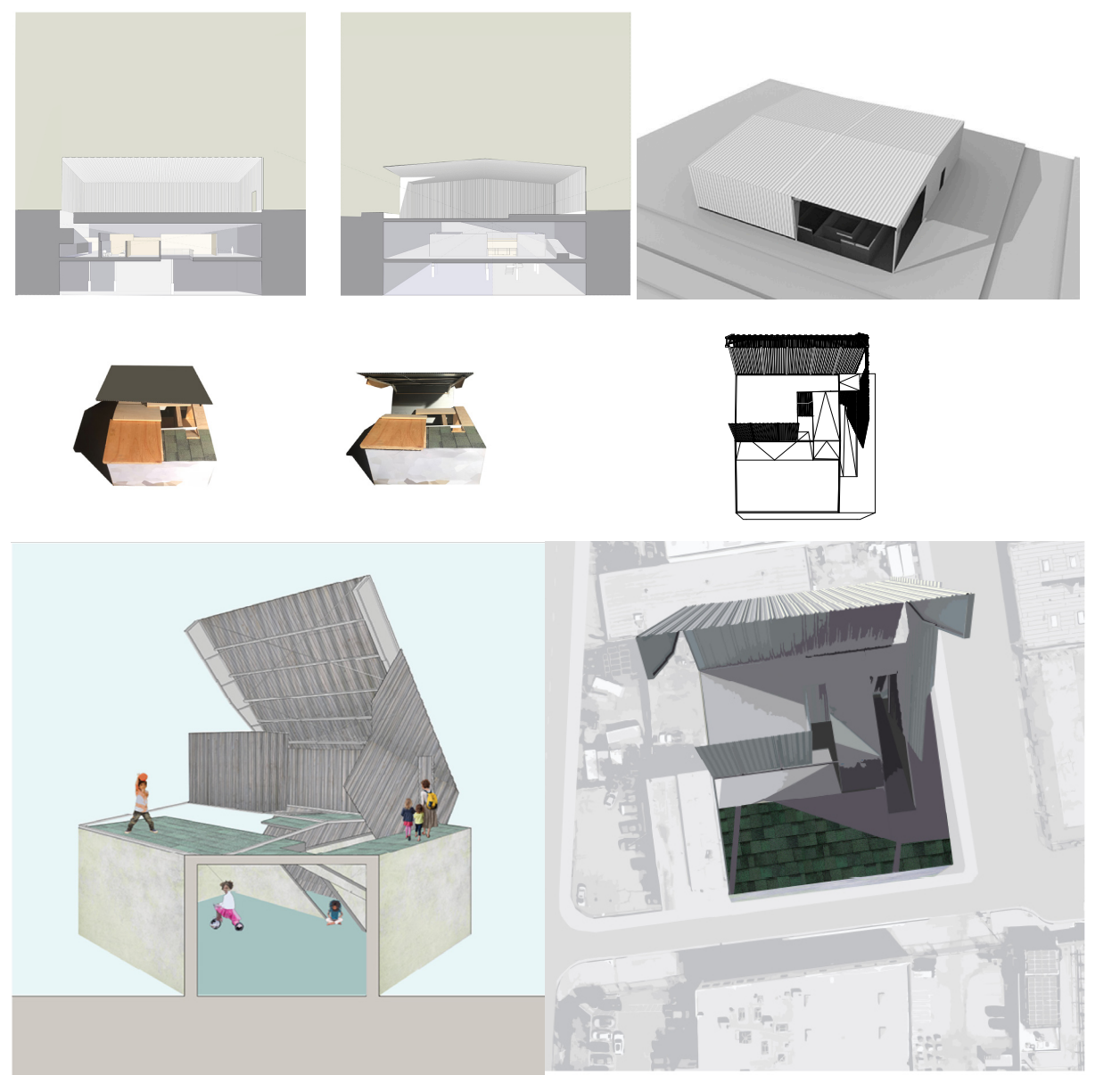
7 | Senior Living Center| internship



While working for Gensler at the Washington D.C office, I constructed structural scheme models for a hotel renovation in Bogota, Colombia.

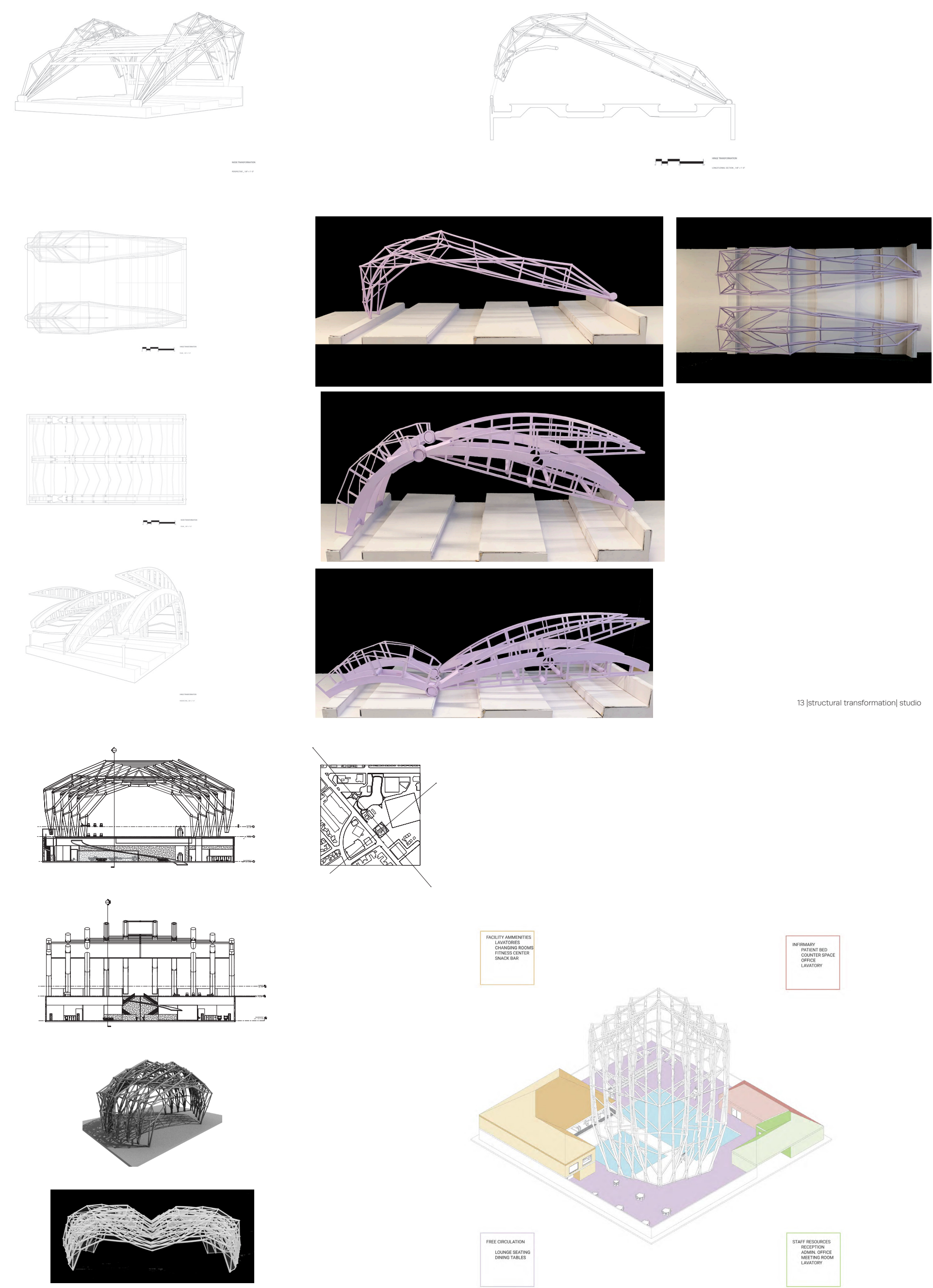
11 |hotel rennovstion| physical model

A simple single pitch roof was investigated for its capabilities to rotate and transform into a kindergarten.



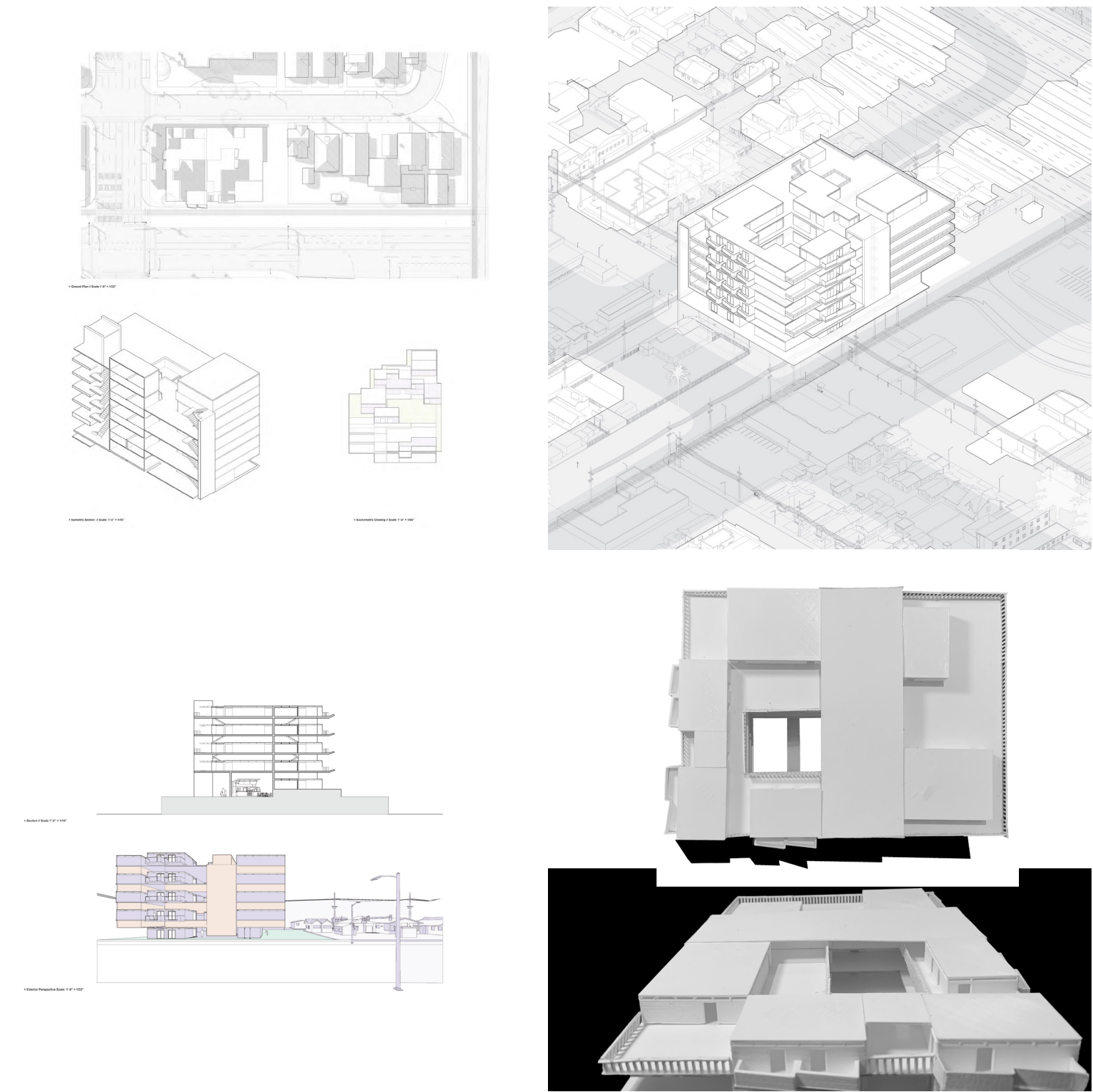
With an emphasis on SOLID, SURFACE AND GRID, each analysis was turned into a habitable space CAVE, TENT AND HUT, followed by an amalgamation of the three.

The following a study I conducted in order to learn 3D printing. Using a combination of a Formlab resin printer and a Prusa PLA printer, I made preliminary models for a studio project that exposed me to an important developing technology.

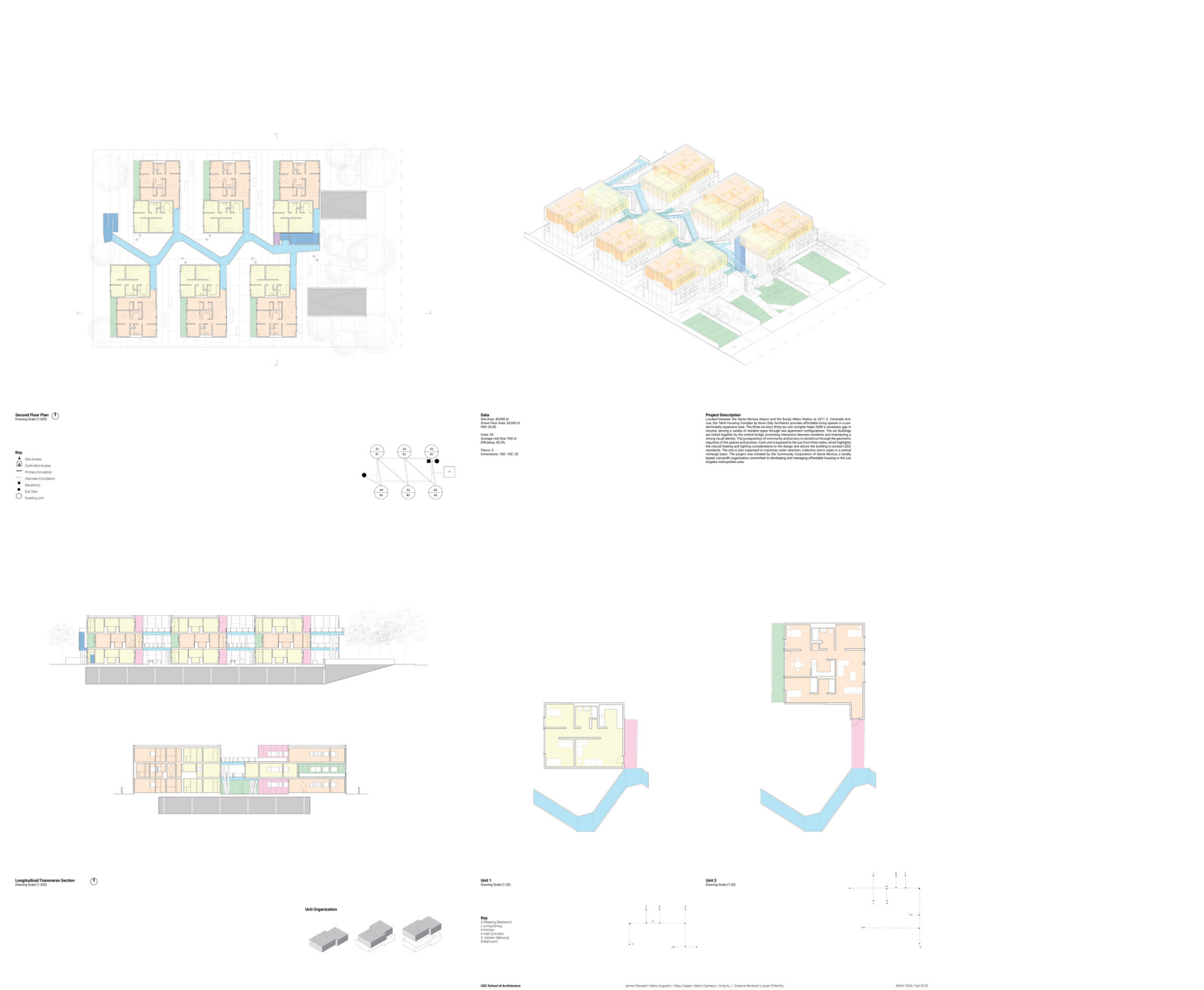


During my third year of architecture school, I worked on a comprehensive studio project designing a natatorium. The project implements the previous structure study, while addressing the challenges of building an indoor public pool on a site adjacent to Los Angeles International Airport.

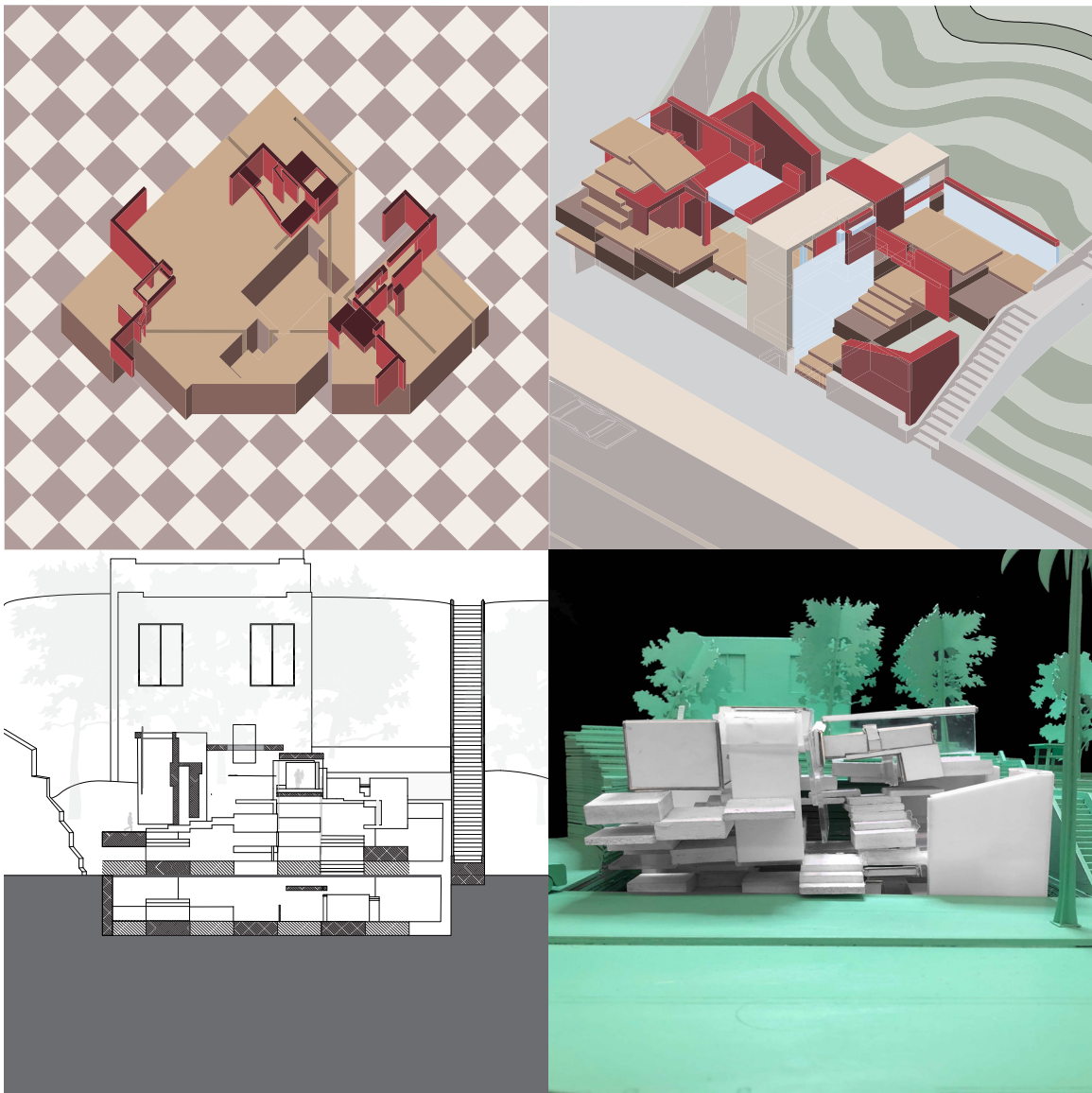
Using the knowledge learned about low income housing, this 50 unit housing complex could potentially provide affordable shelter to families needing one, two and three bedrooms.



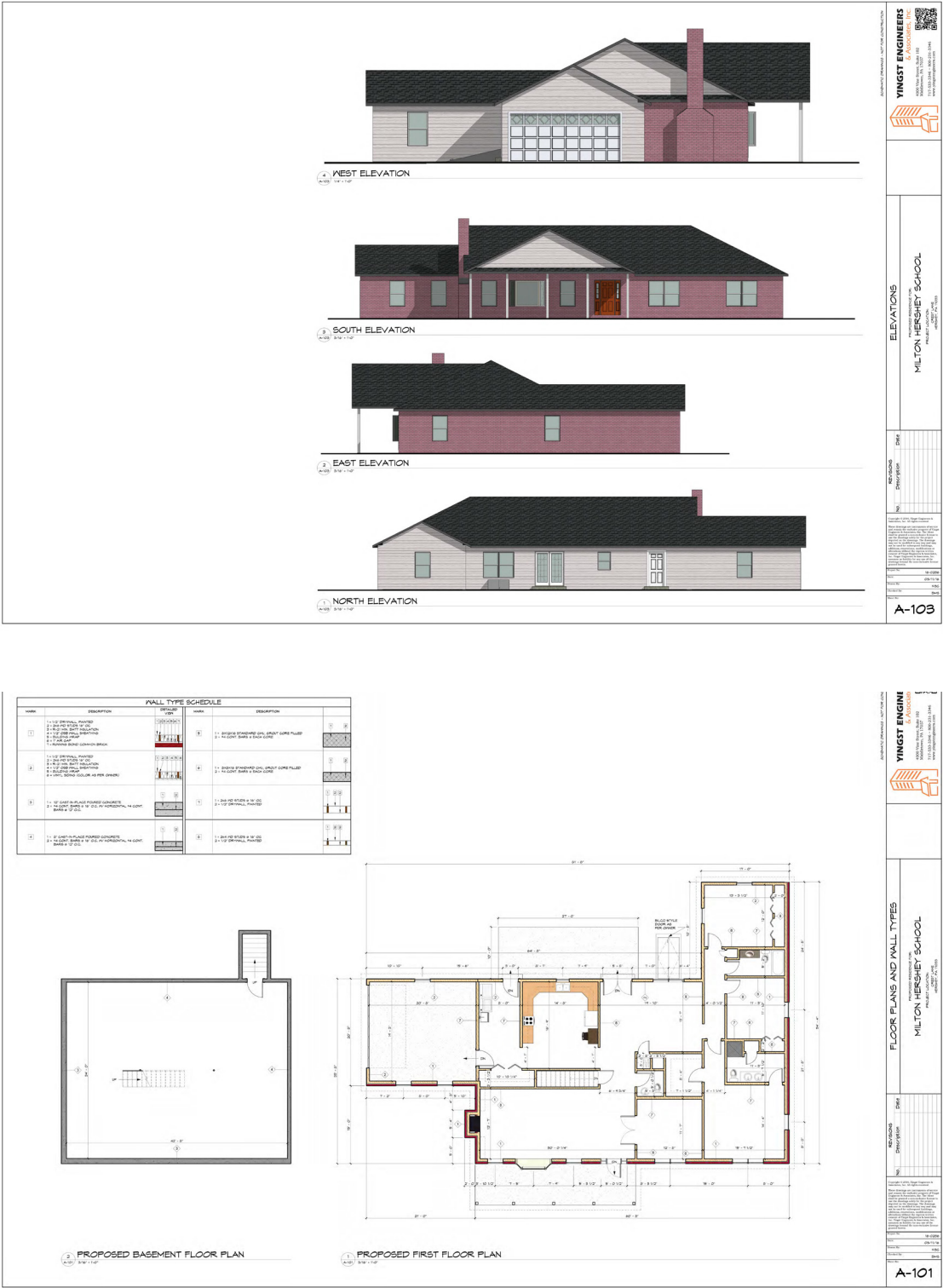
The Tahiti housing project by Kevin Daly in Los Angeles was used as a precedent to learn the program for low income housing.



My first year of Architecture school explored Banham's Ecologies of Los Angeles. A Spanish Revival residence was excavated for it's qualities related to chess, specifically how the corner conditions are replicated across a vertical grid in a foothill.



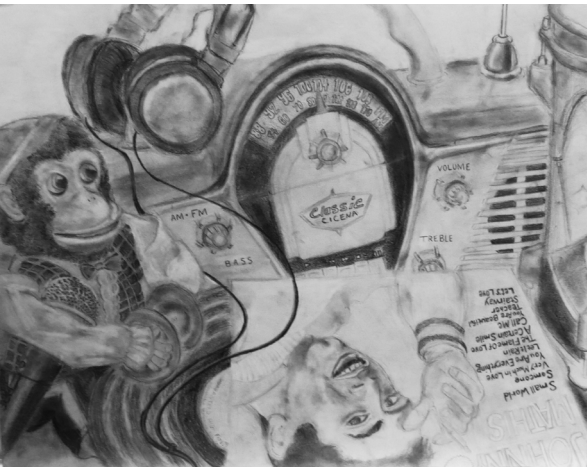
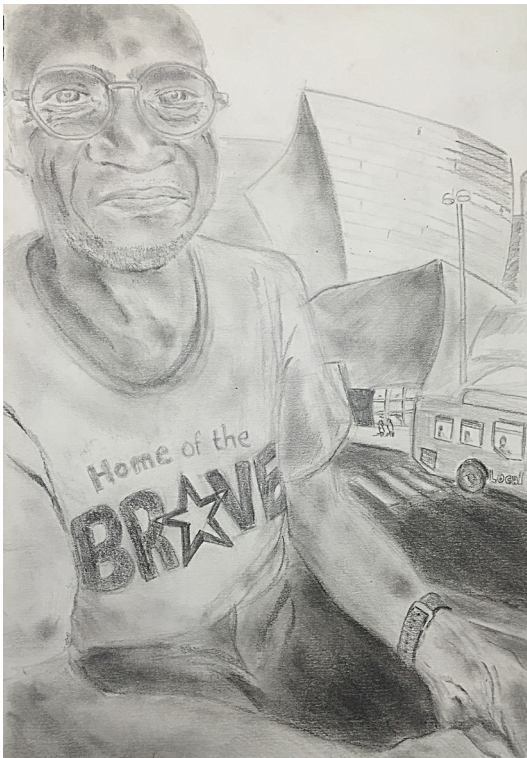
15 [residential transormation] studio



My Senior Year of High School I was chosen to participate in the design-build process of constructing a staff home. This allowed me to learn alongside and collaborate with Yingst Engineering.

15 [low income housing project] comprehensive

This spread shows my journey as a young artist. It represents my awareness and consideration to detail, but also my realization of ideas and use of color. The large sketch below is from my first day ever in Los Angeles, when I sketched a homeless man named Glen. He taught me Architecture is more than just planning interiors. The field has social implications that should be considered at all times.



The following project is an exercise I conducted in a parametric design class to learn Rhino. An Image is scanned for its color and turned into an animation by sorting blue values while scaling the x and y of in using different values. Ture by 2, and the X of False by 1/2, the y and z of False by 2. The pixels were then moved in the z dimension based on brightness and the boxes are capped to make into solid, which translates into a physical model

