KENNETH MELVIN

Architectural
Student/Intern





CV

WORK EXPERIENCE

• Architectural Intern
Abramson Architects, Inc. 2023-2024
Architectural Intern
Wilson Architecture 2022-2022
• Calibration Technician
Zest Dental Solutions LLC 2019-2020
• Calibration Technician
United States Marine Corps 2014-2019

EDUCATION

• BA in Architecture & Visual Arts,
2021-Present, University of San Diego
• Architecture & Architectural History Courses
2020-2020, San Diego Mesa College
• Architectural Course
2022-2022, Rome, Italy University of San Diego



STUDENT WORK: MULTI-MODAL TRANSPORTATION HUB IN BARRIO LOGAN



Increasing Sustainibility and Empowering Communities Through Transportation

Transportation is a crucial aspect of modern society, enabling people to travel for work, school, leisure and other important activities. Transportation has a significant impact on sustainbility with transportation-related greenhouse gas emissions accounting for a large portion of the world's carbon footprint. Public transportation is a vital part of the solutioon to this problem as it provides people with more sustainble and affordable options to get around. Public transportation can help reduce traffic congestion, air quality and improve accesibility to multiple services and activities for communities. The last point is important to consider since transportation has also been used as a tool in the past to segregate and dismantle some communities, like Barrio Logan for example.

Barrio Logan is a community that has historically been underserved and mistreated by the government and public transportation, seizing land and leaving thousands of people displaced and a community broken. But from these challenges, the community came together and became stronger and fought back, leading to the creation of their historical Chicano Park. Barrio Logan is a culturally rich neighborhood with a thriving art scene and small business community but they still continue to be underserved by their city. As public transportation becomes a bigger staple in peoples' lives and this sustainbility effort, the Barrio Logan trolley station becomes one more way this community is let down. For my thesis, I am proposing a multimodal transportation hub that connects the trolley lines to other forms of public and passive transportation through bus stops, bike/scooter storage but also acts as a way to empower and give the community voice through its multiuse public space and art gallery facilities. Also this facility is an example of how we can evolve these environments around public transportation by also providing accomodations like lockers and showers to provide people opportunities to make their commutes more convenient and allowing these public buildings to be a tool to help connect this community with the rest of the city and vice versa.

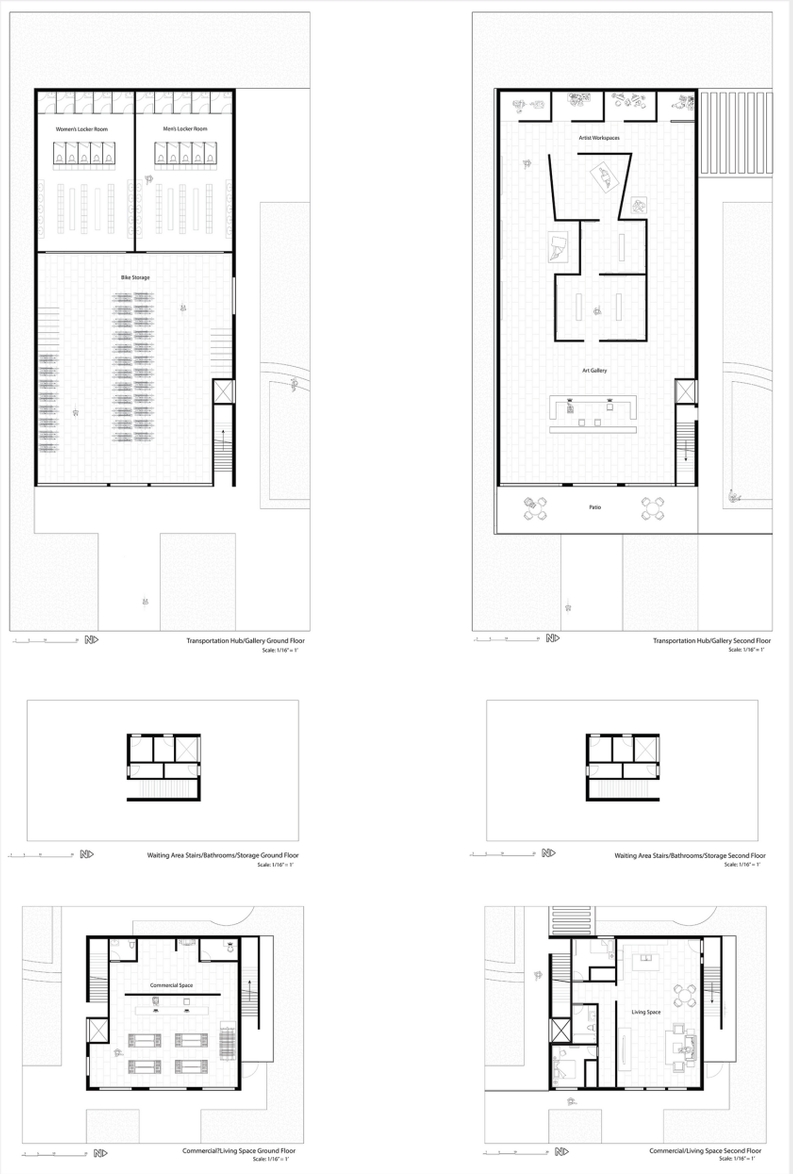


As public and passive transportation become more and more prevalent in our future sustainability efforts it is important to make sure that all communities are provided with appropriate accessibility and amenities to support these efforts. Software used: Rhino 3D, Adobe Photoshop, Adobe Illustrator, Enscape

STUDENT WORK: MULTI-MODAL TRANSPORTATION HUB IN BARRIO LOGAN







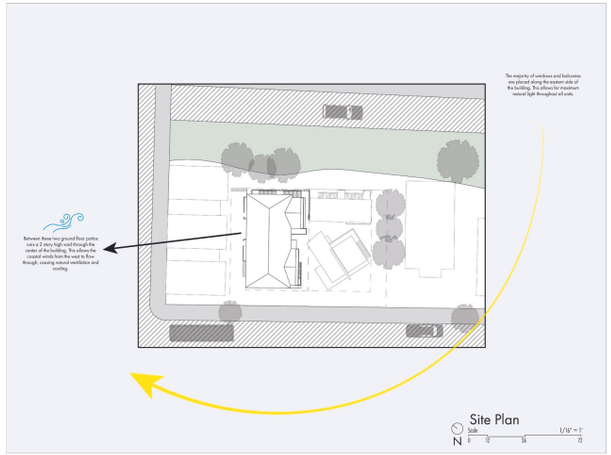
STUDENT WORK: VERTICAL STUDIO

La Luna

Kenneth Melvin

La Luna is a mixed use property that sits adjacent to the I-5 freeway in the heart of the Barrio Logan. The name La Luna comes from the building's modular crescent shape around a centralized void, as well as many windows that look like craters all along the white, plaster facade. This complex features one studio apartment, one live/work unit, two 1 bedroom units and a very large 3 bedroom unit on the top floor. Along the Logan Ave side of La Luna, there are also two commercial units which include a bodega and a paletas stand. La Luna sits directly next to the I-5 freeway and is exposed to lots of noise pollution from traffic. In order to reduce that noise, I kept to a rectangular style floor plan with the shorter side facing the freeway. This smaller surface area combined with a wooden slat wall along the back stairway helps in reducing noise levels. La Luna is a building that serves its residents and its community.







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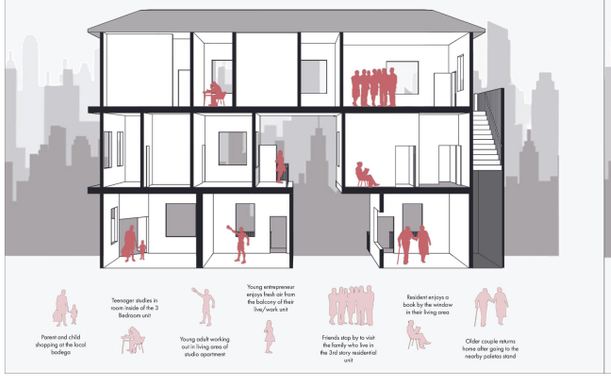

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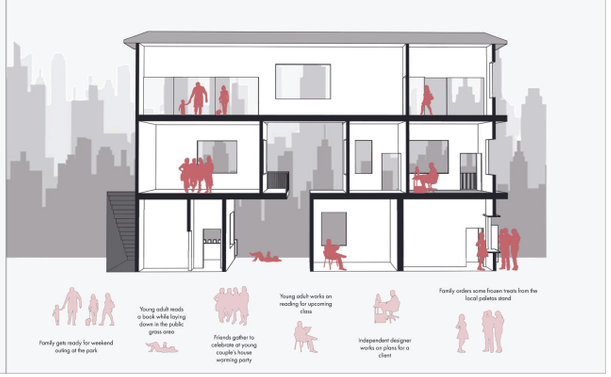
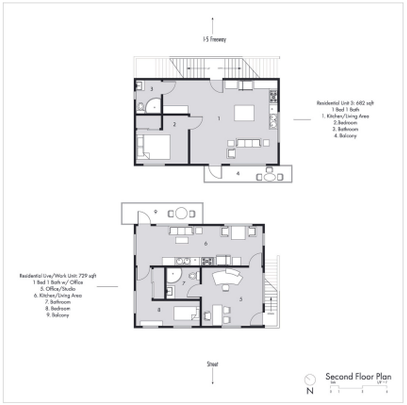
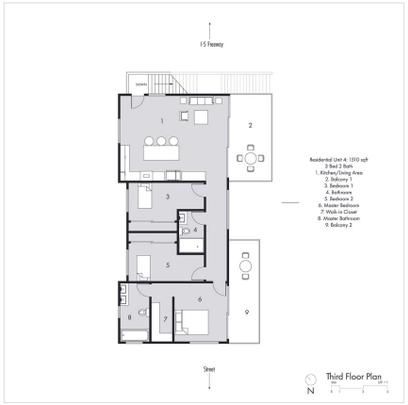




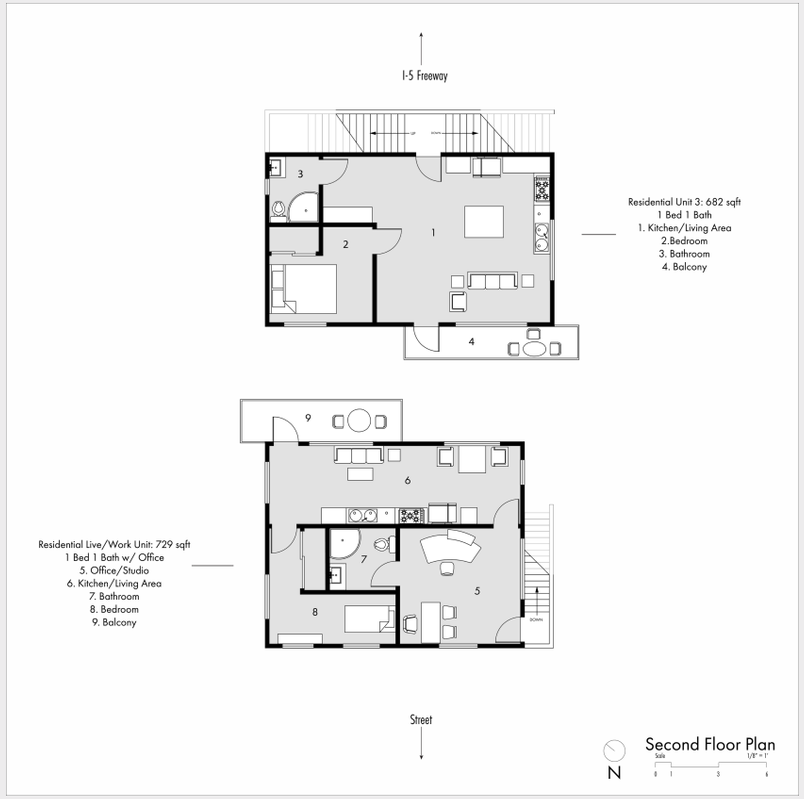


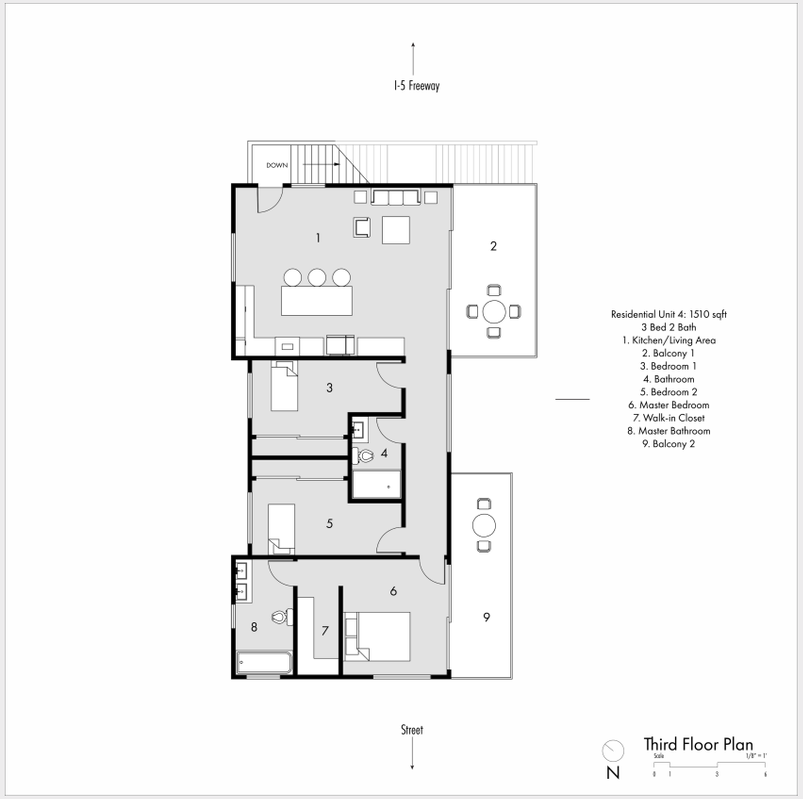


Mixed-use development with 2 commercial spaces and 5 residential units in Barrio Logan neighborhood, San Diego, CA. Software used: Rhino 3D, Adobe Photoshop, Adobe Illustrator

STUDENT WORK: (FLOOR PLANS)

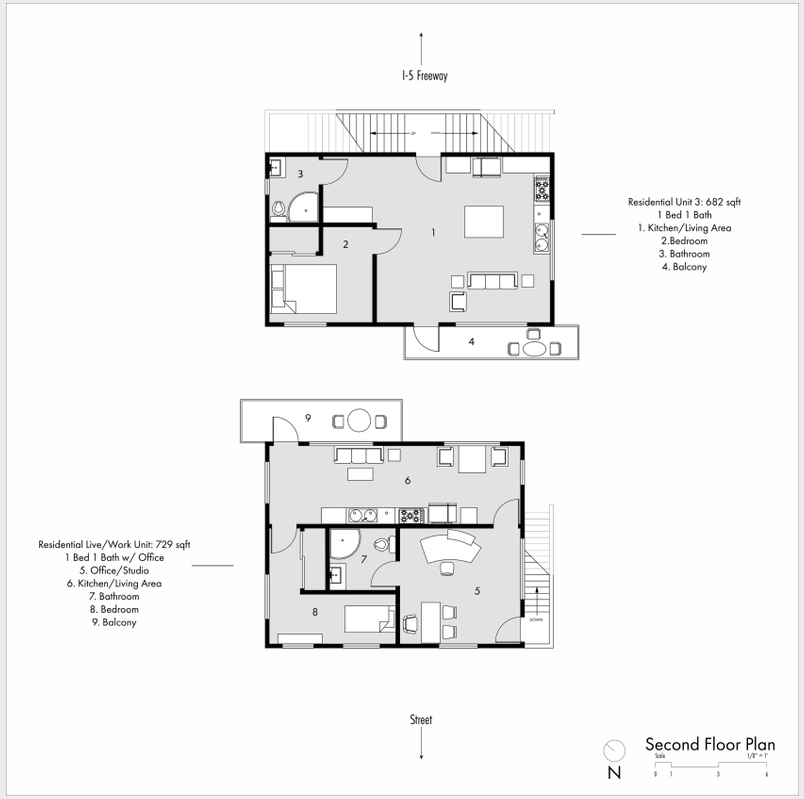


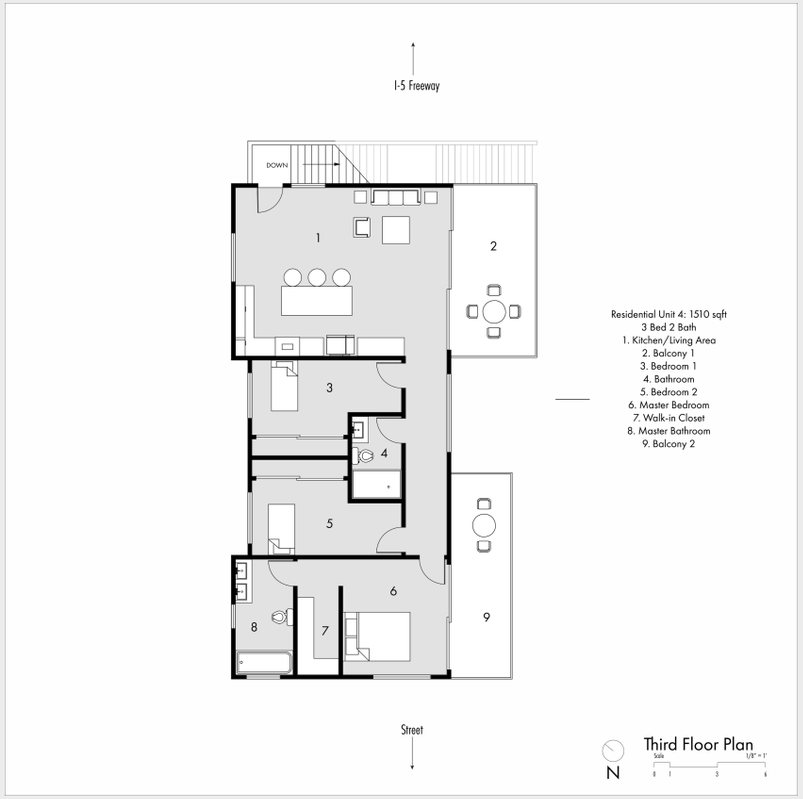




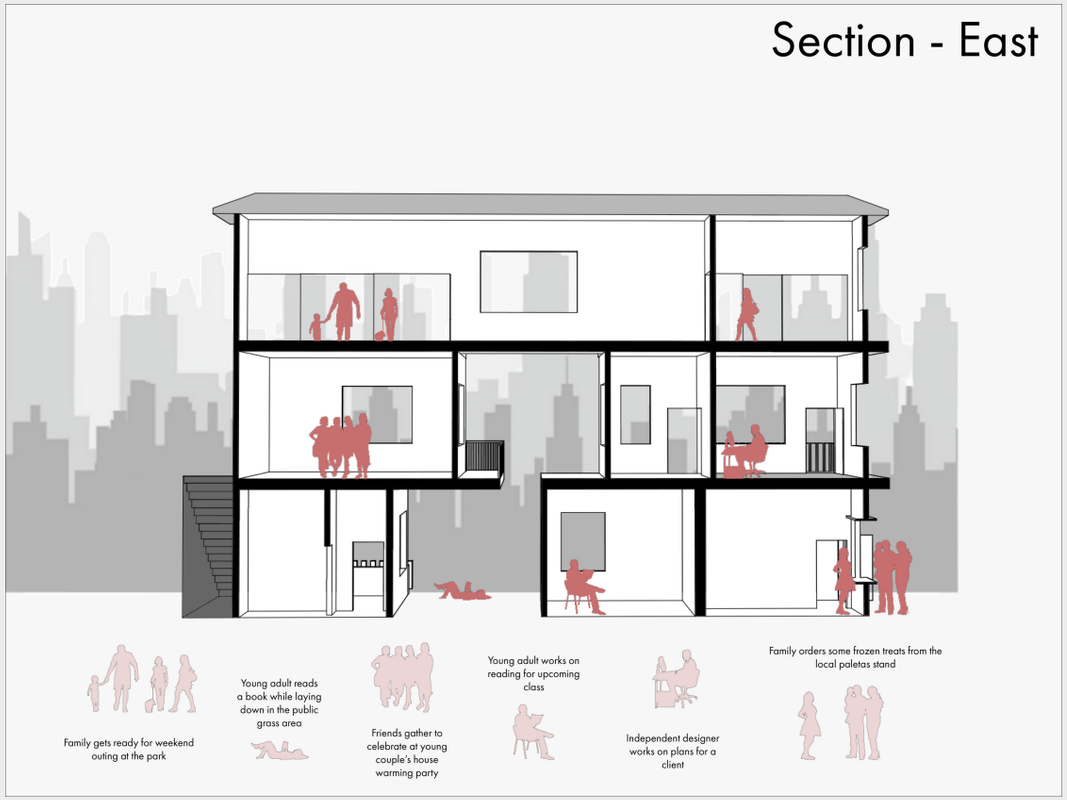
STUDENT WORK: (FLOOR PLANS)

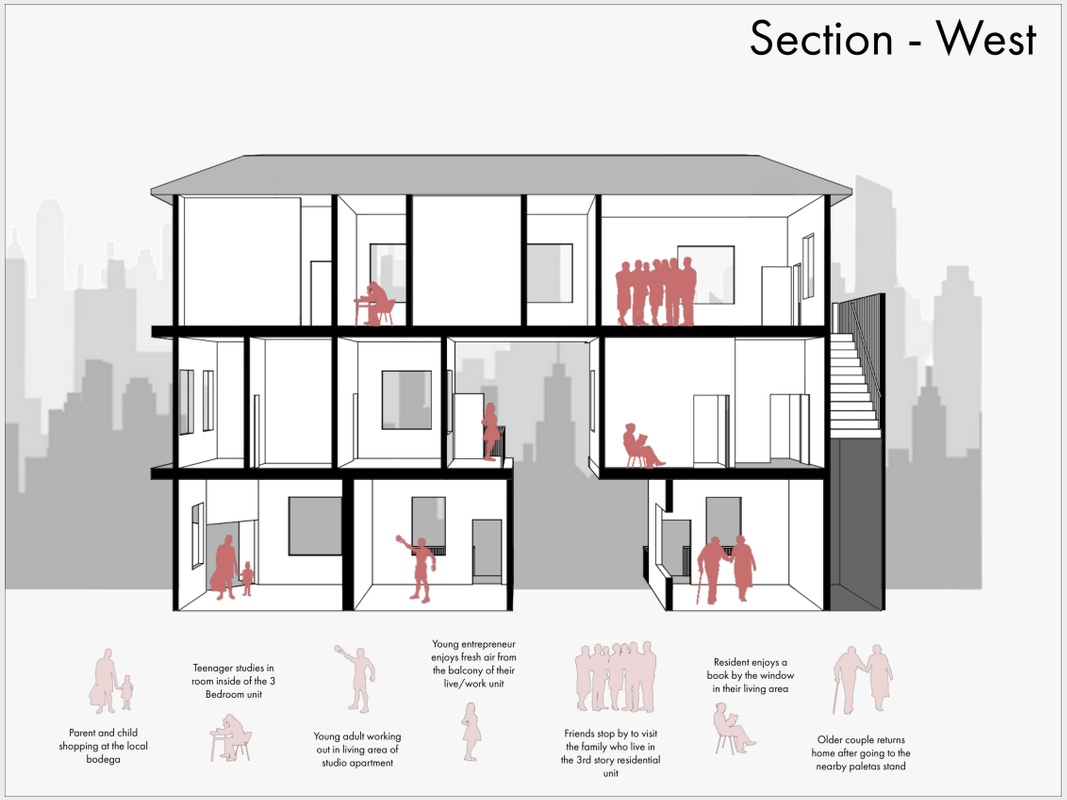




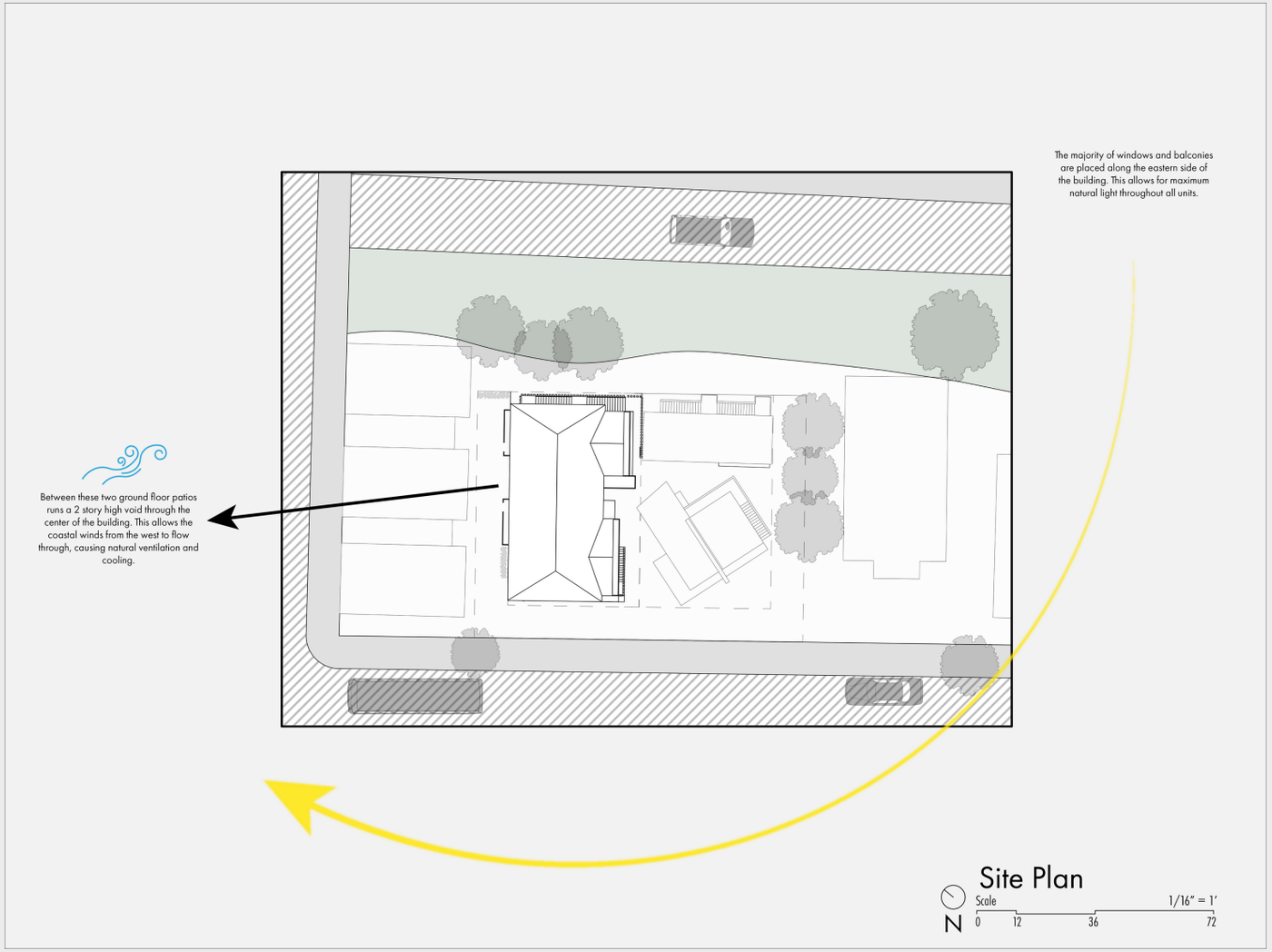


STUDENT WORK: (SECTIONS)





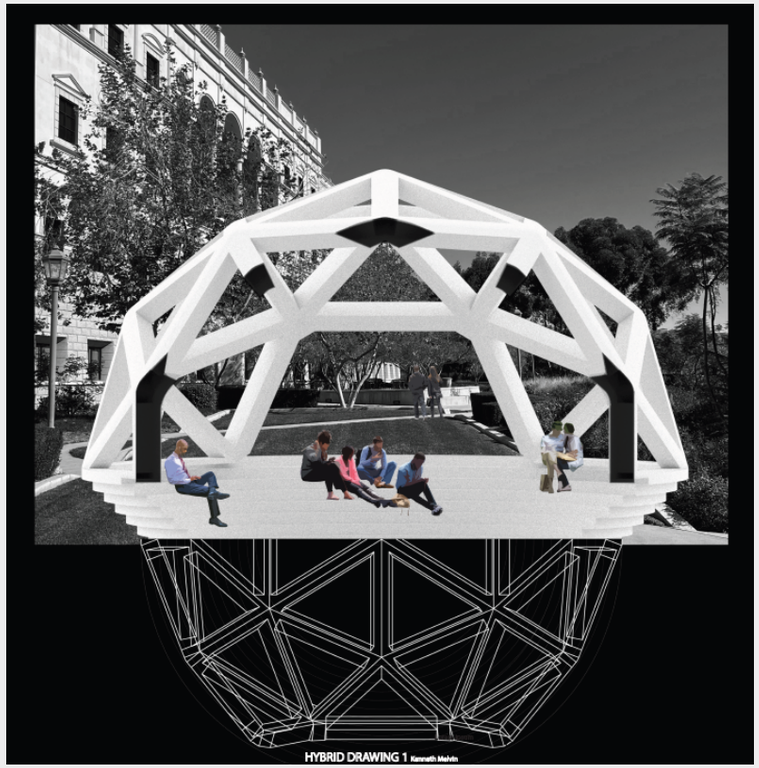
STUDENT WORK: (SITEPLAN & PERSPECTIVE DRAWINGS)







STUDENT WORK: HYBRID DRAWINGS



For this project, my class was assigned to study different architects from the Italian renaissance. My architect was Sebastiano Serlio. I based these three projects on his drawings of domes, arcades and hidden geometries/proportions of the Italian renaissance and its architecture.

Drawing 1 is based off of Serlio's drawings of the Duomo in Florence. This dome taking a more geodesic/modern approach. **Drawing 2** is in reference to the hidden geometries of the Italian renaissance's facades and their proportions. **Drawing 3** was inspired by the colonnades used across many buildings in Italy and most notably in the Vatican at St. Peter's Square.





I developed these 3 projects and then placed them within different settings across USD's campus on my renderings. In Italy there is a lot of public interaction within the basilicas and piazzas and I wanted to represent that with student interaction on campus. Software used: Rhino 3D, Adobe Photoshop, Adobe Illustrator





PHOTOGRAPHY

While studying architecture in Rome, I took lots of photos of the buildings and details. While doing so, I found a new passion for architectural photography. I feel like this has helped with my analytical skills and observing my environment and is a nice creative outlet.



Note: All photos used in this portfolio were taken by myself during my time studying in Rome.









GET IN TOUCH

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