



VALERIA HERNANDEZ
TECHNICAL DESIGNER
SELECTED WORKS 2017 - 2019

VALERIA HERNANDEZ

TECHNICAL DESIGNER
AIA ASSOCIATE | A.R.E. ELIGIBLE

 Houston, TX 77064
 (832) 322-3218
 valhdz@icloud.com

EXPERIENCE

TECHNICAL DESIGNER | HUITT-ZOLLARS

Houston, TX | July 2022 - May 2024

TxDOT As-Built

3,000 SF-55,000 SF | Various Districts across Texas | TxDOT

- Developed as-built documents utilizing laser scanning for Texas Department of Transportation (TxDOT) projects. Projects were located in various districts across Texas, Amarillo, Austin, Beaumont, Bryan, Childress, Corpus Christi, El Paso, Houston, Laredo, Lubbock, Lufkin, Odessa, San Antonio, Tyler, Waco, Wichita Falls, and Yoakum. Buildings included shops, maintenance facilities, administrative offices, laboratories, and warehouses who's square footage varied between 3,000 - 55,000.
- Generated detailed Building Information Modeling (BIM) models, site plans, floor plans, RCPs, sections, and interior/exterior elevations.
- Utilized point clouds and recap software to create accurate representations.

Altura Residences Renovation

195,091 SF | Houston, TX | Dos Lagos Asset LLC.

- An adaptive re-use of existing Hilton Hotel building into multi-family apartment property in Houston, TX. The project split into two phases, involving development of 172 new apartment units and additional amenities.
- Collaborated on unit plans ranging from 330 to 1,060 SF and designed six types of kitchenettes for the units.
- Created elevations for bathrooms, kitchenettes, closets, interior plan details, RCPs, and common space interior elevations, unit FHA plans.

Employee Morale and Event Planning

- Spearheaded internal events to boost employee morale and foster a positive work culture.
- Organized events including employee breakfast, holiday themed in office competitions.
- Planned and executed annual Corporate Holiday party for 2023, ensuring engaging and memorable experiences for employees.
- Participated in company event competitions such as Alley Theater Christmas Tree Decoration, Furniture Flip, Sandcastle, and Canstruction.
- Managed event logistics, secured sponsors, handled budgets, and delegated tasks for successful outcomes.
- Organized and coordinated an annual toy drive event for BEARing Gifts to benefit underprivileged children during the holiday season.

BOOKKEEPER | THE HOME DEPOT

Houston, TX | February 2012-July 2022

ASDS BACKUP (HR)

Bookkeeper

PASA (Pro Accountant Sales Associate)

Service Desk Associate

Bay Inventory Associate

Cashier

PROFESSIONAL SUMMARY

I am a detail-oriented and organized technical designer with nearly two years of experience in architectural design and drafting, focused on precision and efficiency. Proficient in Revit and familiar with BIM workflows, I thrive in collaborative environments where I contribute to technical drawing production and project coordination. I am eligible for the Architect Registration Examination, with 2,063.5 hours completed towards the Architectural Experience Program (AXP).

EDUCATION

University of Houston

Bachelor of Architecture

Minor in Business Foundations

Pan-American Study Abroad

[France, Italy, and Spain]

SKILLS

SOFTWARE

REVIT

RHINO

BLUEBEAM

ADOBE CREATIVE SUITE

PHOTOSHOP

ILLUSTRATOR

INDESIGN

OFFICE 365

WORD

EXCEL

POWERPOINT

LANGUAGES

ENGLISH [Fluent]

SPANISH [Native]

FRENCH [Elementary/Basic]

1

ALTURA RESIDENCIES

HUITT-ZOLLARS

2

CASA HOUSTON

STUDY ABROAD

3

HOLMAN COMMONS

5TH YEAR ARCHITECTURE PROJECT

4

EVENT PLANNING

HUITT-ZOLLARS EMPLOYEE MORALE

ALTURA RESIDENCES RENOVATION

HUITT-ZOLLARS | 2023 - 2024

Project Description:

Adaptive Re-Use of Hilton Hotel into Multi-Family Apartment Property

Location: 6780 Southwest Freeway, Houston, Texas 77074

Building Overview:

Original Construction: 1979

Interior Space: Approximately 195,091 square feet

Current Use: Hilton Hotel with 292 hotel keys

Parking: paved surface parking

Site Area: 5.26 acres

Building Levels: 13

Building Height: 135.8 feet

Building Gross Areas (Approximate):

Level 1: 44,261 square feet

Levels 2-13: Approximately 12,560 square feet per level

Total Gross Area: 195,091 square feet

Project Scope:

This adaptive re-use project aims to transform an existing Hilton Hotel building into a vibrant, multi-family apartment community. The project will retain the original structure's architectural integrity while modernizing the interiors to meet current residential standards and adding new amenities for the residents. The phased development approach ensures that the transformation is thorough and strategically planned to maximize functionality and aesthetic appeal.

Project Goals:

- To provide high-quality, modern living spaces in a previously underutilized building.
- To enhance the community with new amenities and facilities.
- To preserve and improve existing features like the pool and pavilion.
- To ensure a smooth transition from hotel to residential use, maintaining safety and comfort for all future residents.

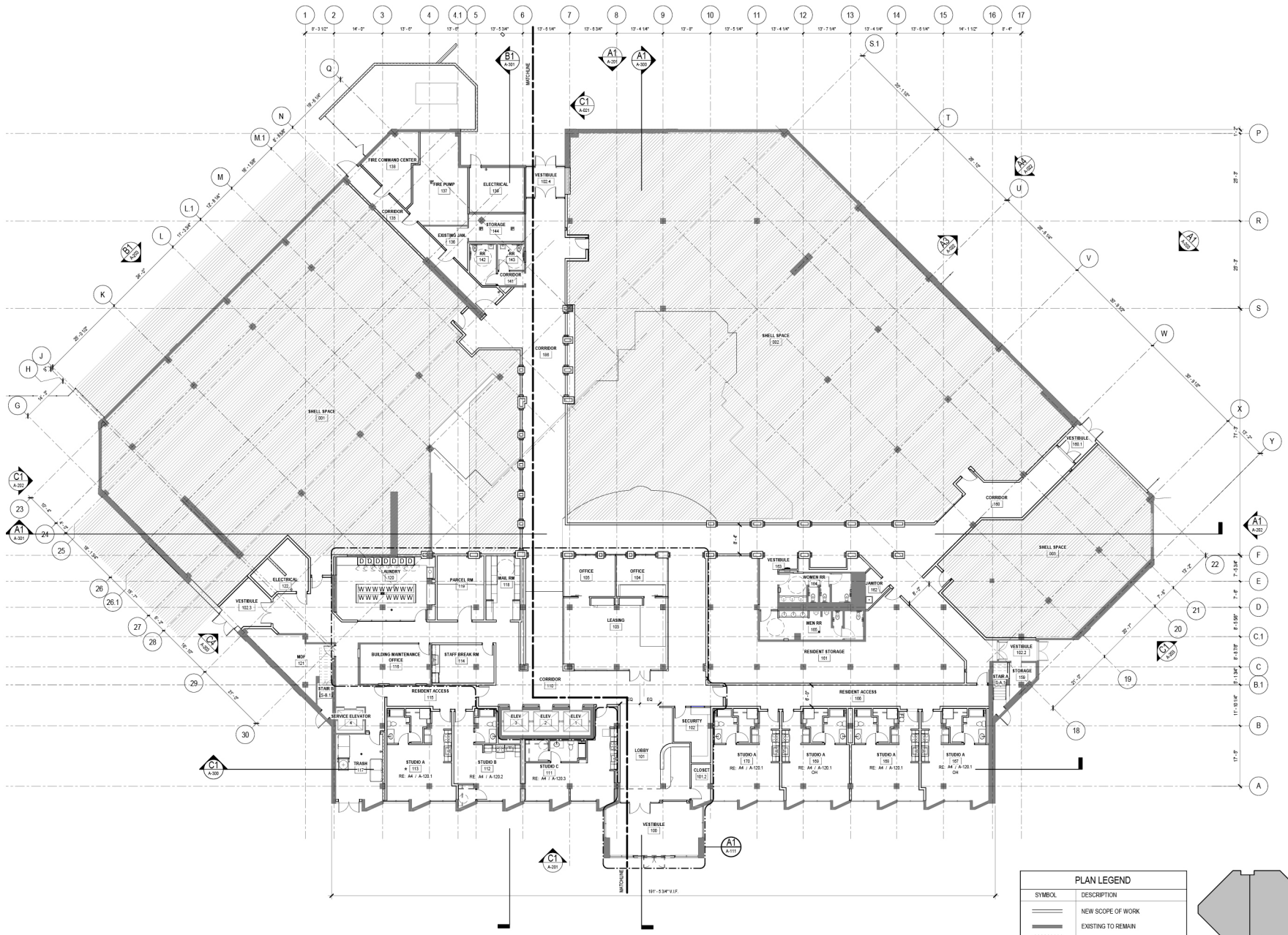
Community Impact:

The project will rejuvenate the area by providing new housing options, supporting local businesses through increased residency, and creating a more vibrant and attractive neighborhood. The adaptive re-use strategy is environmentally sustainable, minimizing the need for new construction and efficiently using existing resources.

INTERIOR RENDER BY GRACE WALL EDITED BY ME

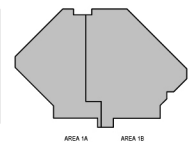


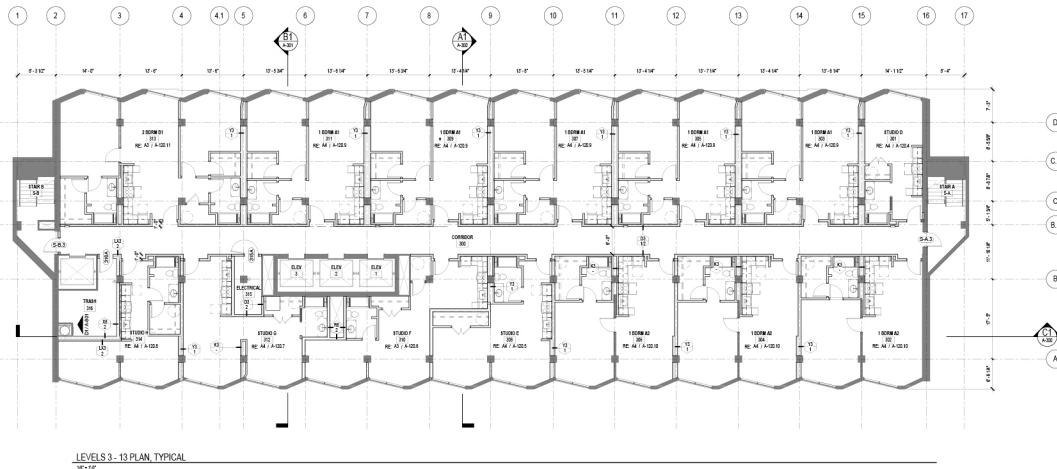




MASTER FLOOR PLAN LEVEL 1
3/27 - 1/18

PLAN LEGEND	
SYMBOL	DESCRIPTION
	NEW SCOPE OF WORK
	EXISTING TO REMAIN
	NOT IN SCOPE OF WORK





Phase 1 (Base Bid):

New Apartment Units: The existing hotel rooms are converted into 172 modern apartment units.

New Facilities:

- Management/Leasing Office
- Resident Laundry Room
- Resident Storage and Mail Package Delivery Areas
- Resident Fitness and Lounge Amenity
- Resident Entry on the North Side
- Service and Loading Area: Creation of a limited loading/service area near the existing service elevator, which will remain in use.

Amenities to Remain: Existing pool and pavilion.

Phase 2 (Alternate):

Additional Apartment Units: Development of 25 new apartment units.

Additional Interior Facilities:

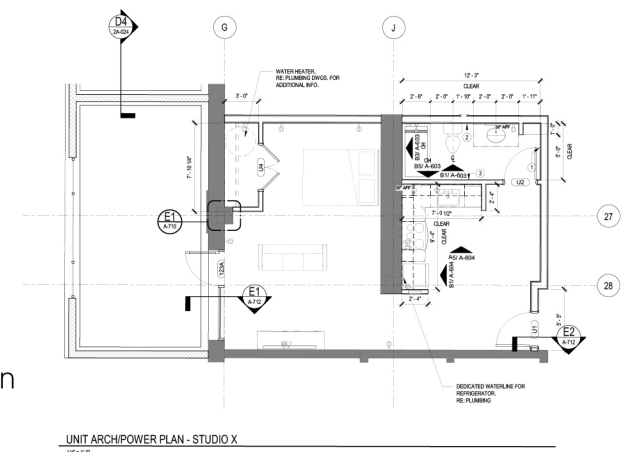
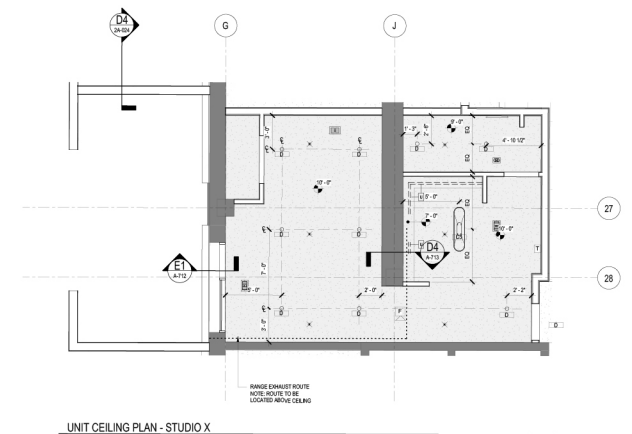
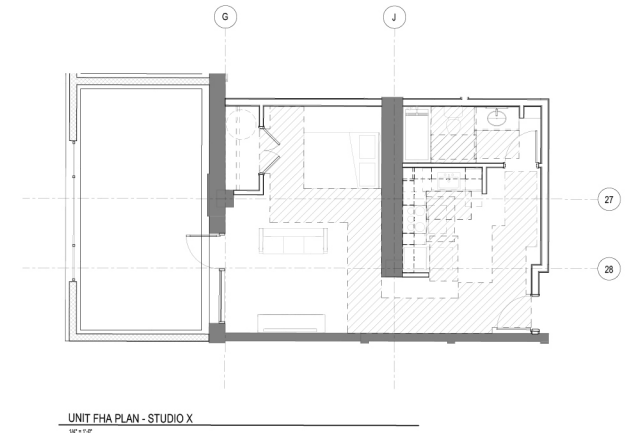
- Interior Fitness Area
- Interior Common Area/Co-Workspace
- Expanded Exterior Landscape and Amenity Spaces:
- Dog Run/Dog Wash
- Pavilion
- Pickleball Court
- Basketball Half-Court
- Sports Lawn (to be determined)
- Greenspace Lawn

Floor Plans and Reflected Ceiling Plans (RCPs)

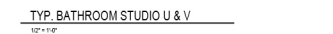
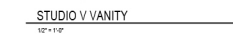
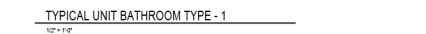
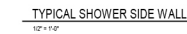
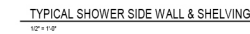
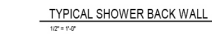
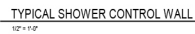
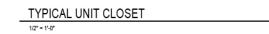
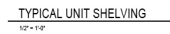
I Worked on overall floor plans and RCPs, ensuring consistency across units and completeness of details, including over dimensions and tags for both phases of the project.

Unit Plans

Developed FHA-compliant plans for 24 unique unit types. Collaborated on architectural and RCP plans to include comprehensive details such as dimensions, elevation tags, column plan details, and lighting tags.

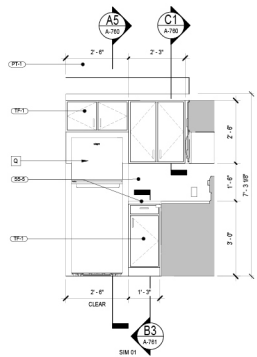


I assisted in developing four types of unit bathrooms and two closet types, creating detailed elevations, dimensioning, tags, and annotations.

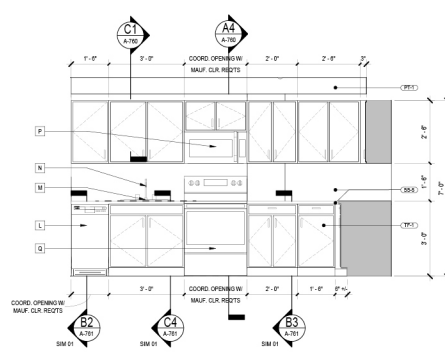


Kitchen Design

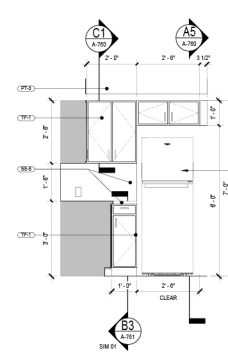
Contributed to creating six types of unit kitchens, producing detailed elevations, dimensions, and tags.



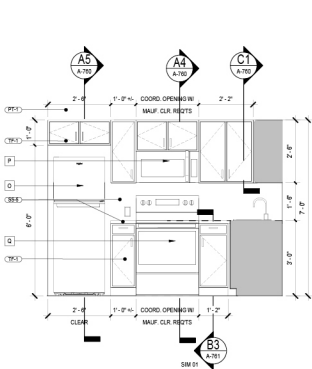
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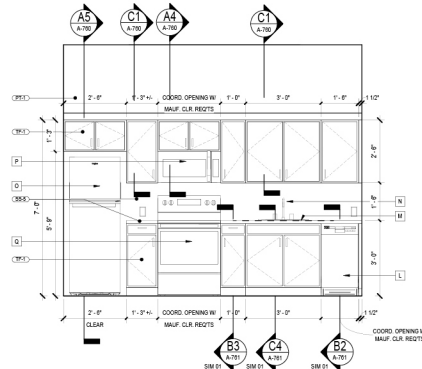
UNIT KITCHENETTE TYPE - 6 SINK WALL
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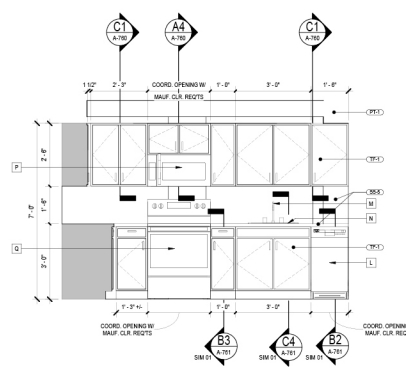
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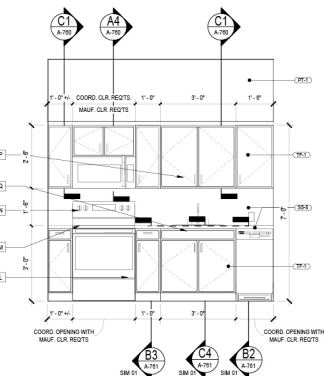
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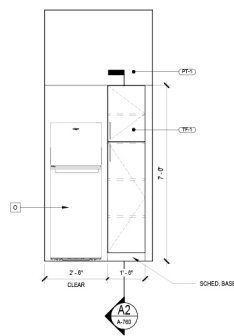
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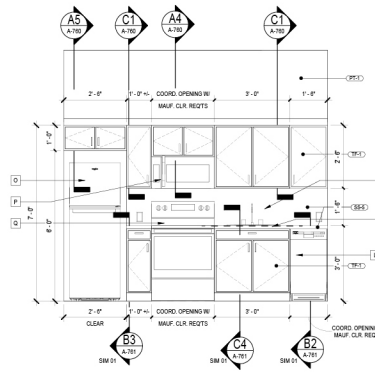
UNIT KITCHENETTE TYPE - 5 SINK WALL
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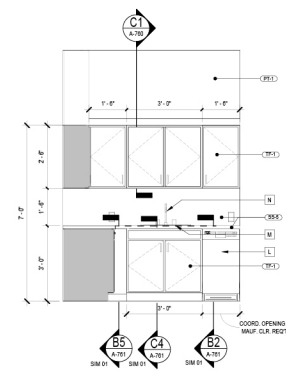
UNIT KITCHENETTE TYPE - 1 SINK WALL
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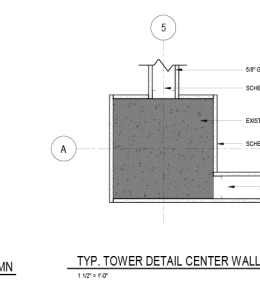
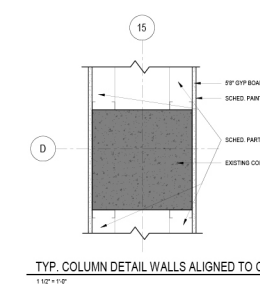
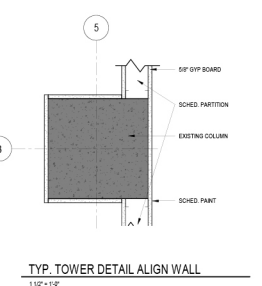
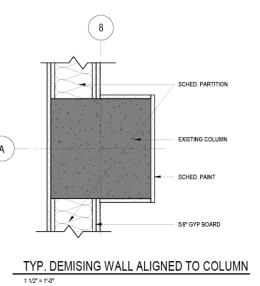
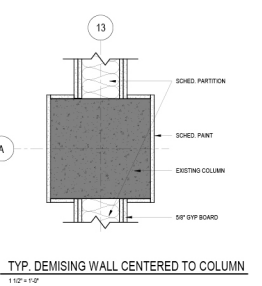
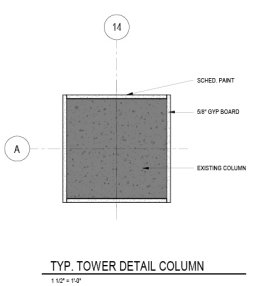
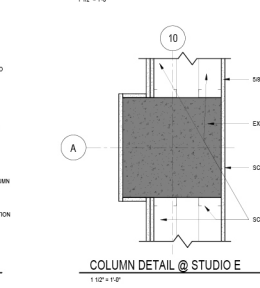
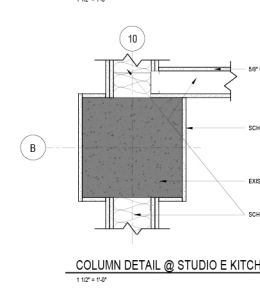
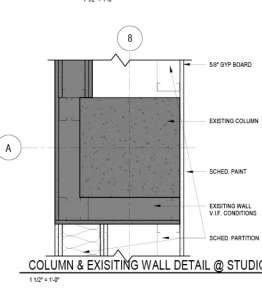
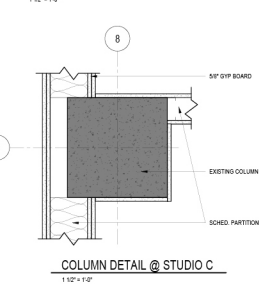
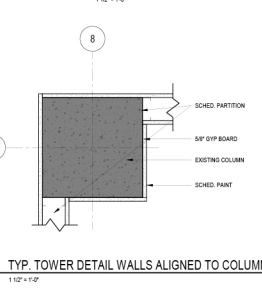
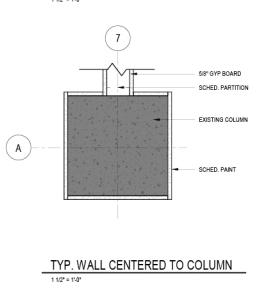
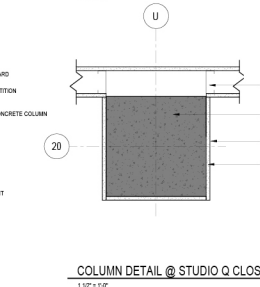
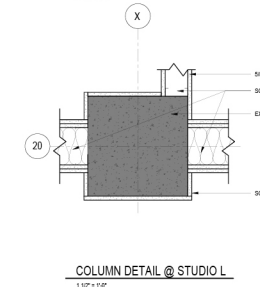
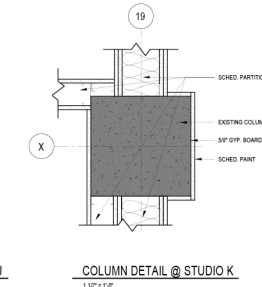
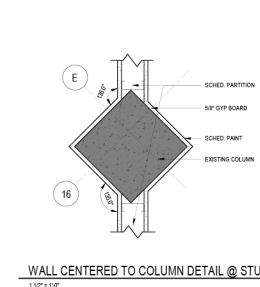
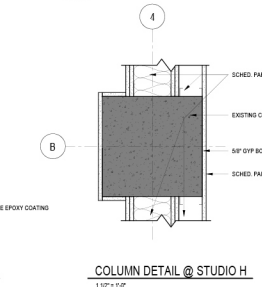
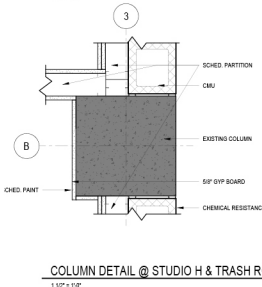
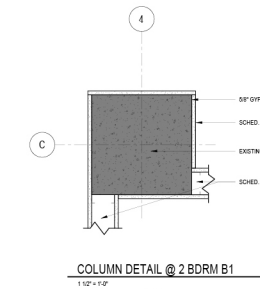
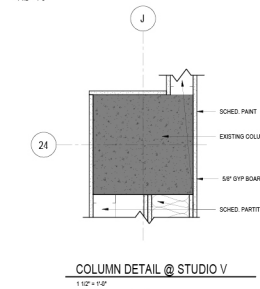
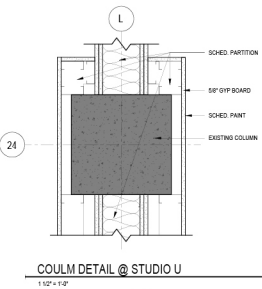
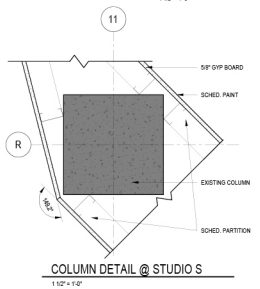
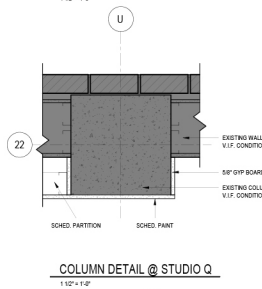
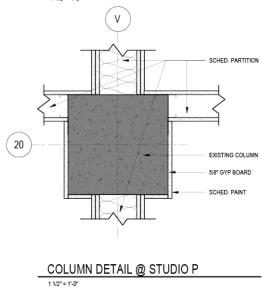
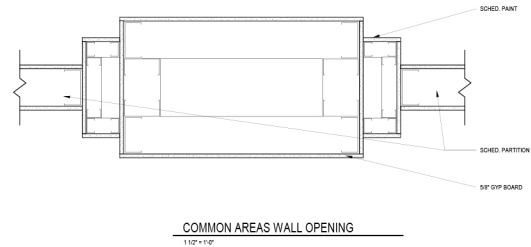
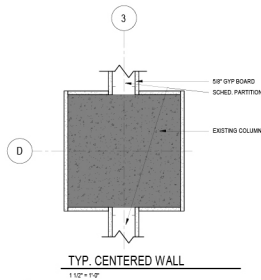
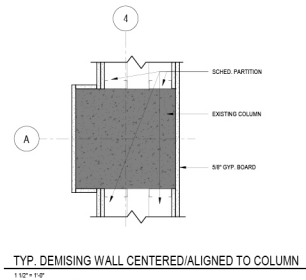
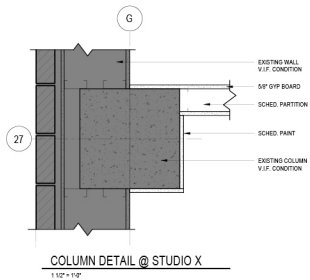
UNIT CASEWORK UNIT TYPE - 1 REFRIGERATOR WALL
10'2" x 1'0"



UNIT KITCHENETTE TYPE - 2
10'2" x 1'0"



UNIT KITCHENETTE TYPE - 3 SINK WALL
10'2" x 1'0"



TYP. TOWER DETAIL COLUMN
1/12" = 1'-0"

TYP. DEMISING WALL CENTERED TO COLUMN
1/12" = 1'-0"

TYP. DEMISING WALL ALIGNED TO COLUMN
1/12" = 1'-0"

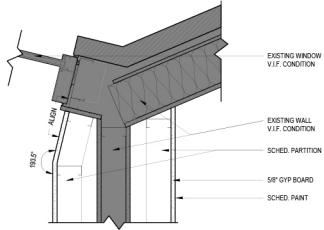
TYP. TOWER DETAIL ALIGN WALL
1/12" = 1'-0"

TYP. COLUMN DETAIL WALLS ALIGNED TO COLUMN
1/12" = 1'-0"

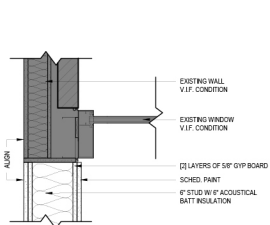
TYP. TOWER DETAIL CENTER WALL & ALIGN WALL
1/12" = 1'-0"

Column and Wall Plan Details

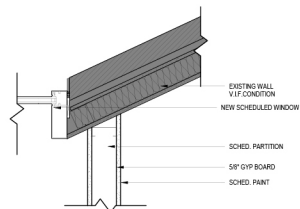
I created all detailed plans for existing columns integrated with new walls, ensuring accurate and comprehensive documentation.



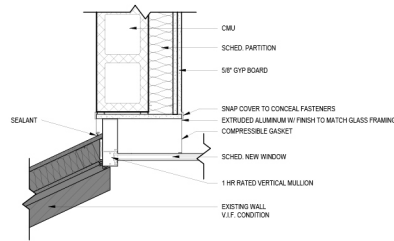
PARTITION DETAIL @ 1 BDRM A1
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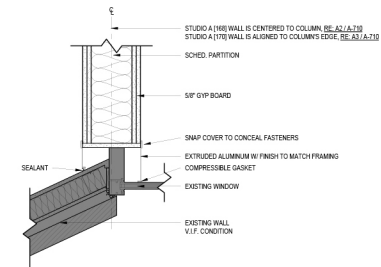
STUDIO A PARTITION DETAIL
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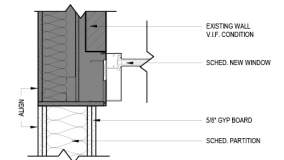
PARTITION DETAIL @ STUDIO C
1 1/2" x 1 1/2"



PARTITION DETAIL @ TRASH & STUDIO A
1 1/2" x 1 1/2"



PARTITION DETAIL @ STUDIO A
1 1/2" x 1 1/2"



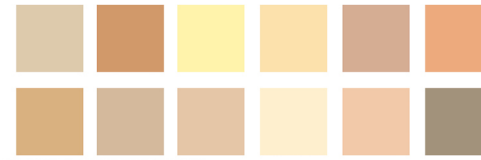
PARTITION DETAIL @ STUDIO B
1 1/2" x 1 1/2"

CASA HOUSTON

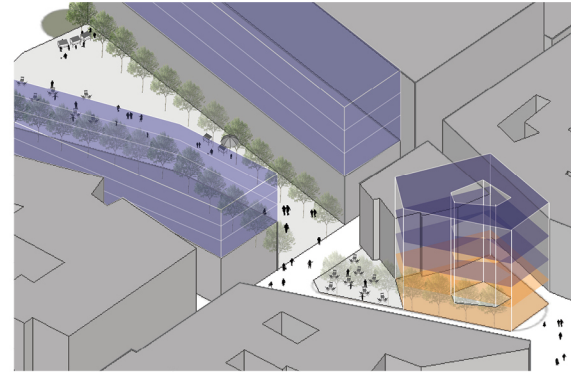
STUDY ABROAD PROJECT COLABORATION W/ ASHLEY WANG | 2017

LOCATION: Piazza Della Moretta, Rome, Italy

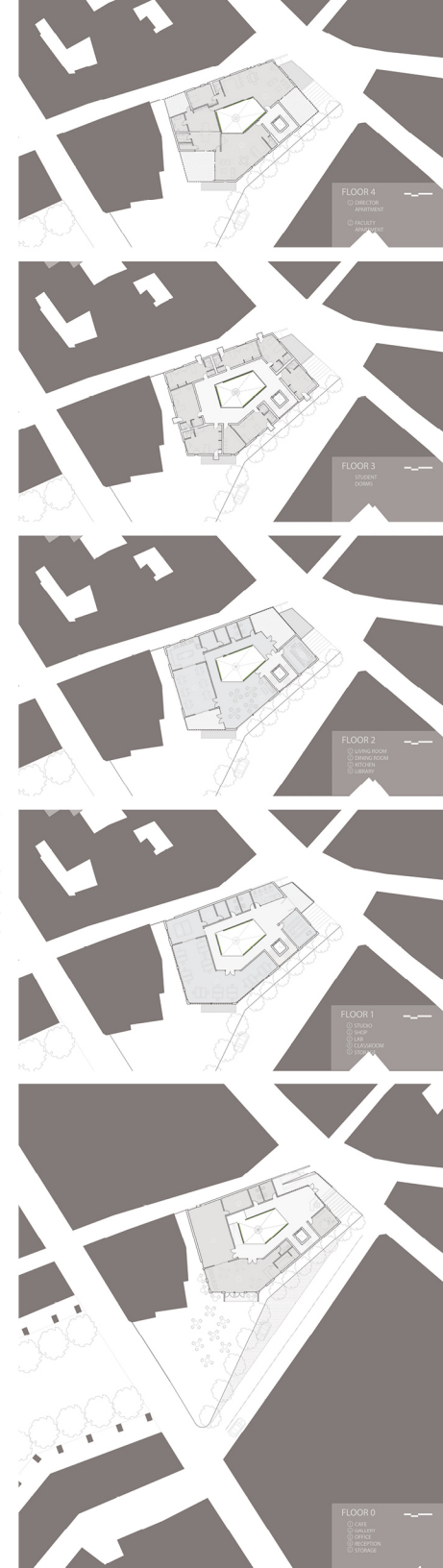
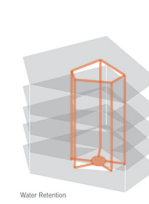
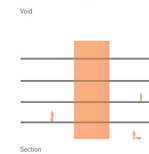
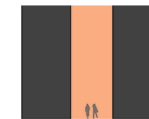
The building site located in Piazza Della Moretta, Rome is in a dense historic neighborhood. Many of the surrounding buildings have a courtyard and that allows for green space and breezeways to exist in these buildings. The concept of this project is to create a mass tower with void. A medieval contemporary brick tower would continue the density language of the city. The void in the building is a courtyard with vertical green walls and a fountain in the center. The circulation of the building around the courtyard allows for exterior and interior spaces throughout the building.



SURROUNDING BUILDINGS COLOR



PUBLIC VS PRIVATE





VINES



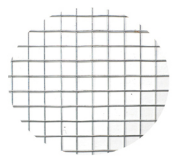
Bougainvillea



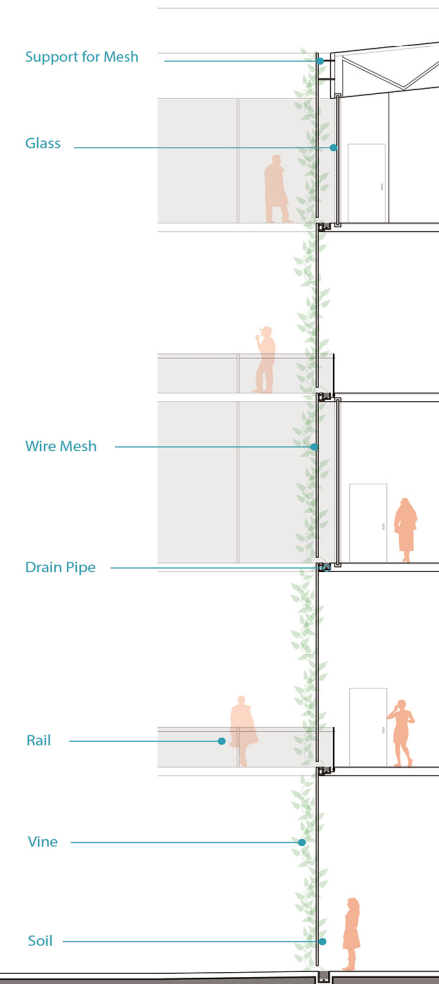
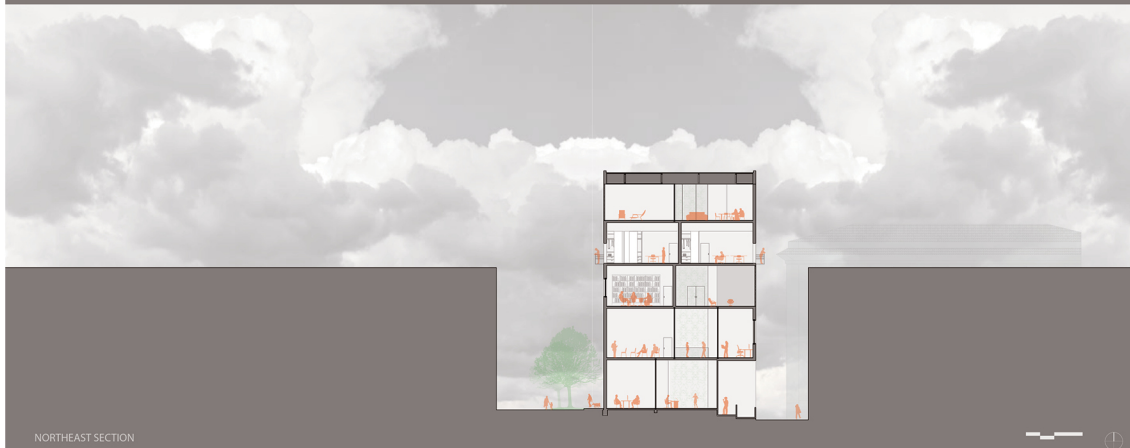
Clematis



Hedera Helix



Wire Mesh Pattern



INTERIOR DETAIL SECTION N

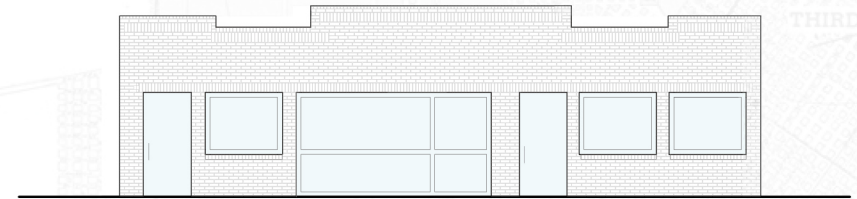
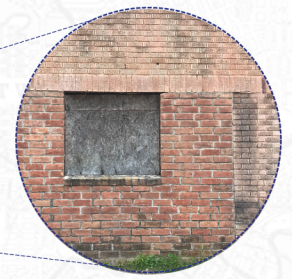
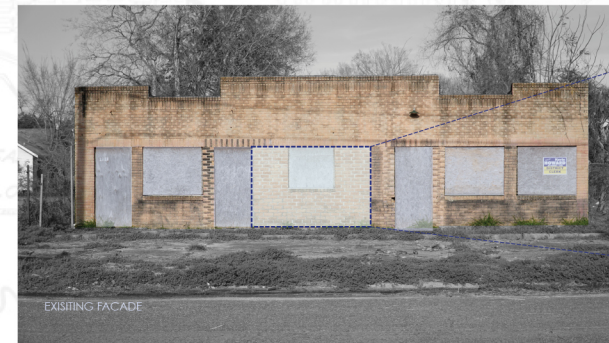
HOLMAN COMMONS

5TH YEAR ARCHITECTURE PROJECT | 2019

LOCATION: Houston, Texas

The Holman Street Commons is a co-housing project located in Third Ward, Houston, TX. This project focuses on the adaptive re-use of the existing building that was once a domino parlor on 2309 Holman Street. The site is an "L" shape of two 50' x 100' lots located on Holman and Emancipation. The redevelopment of the existing building includes a new structure that has sustainable elements, such as a green roof and solar panels. Third Ward Houston is rich in history, which inspired the materials used in the building.

Third Ward has had a strong sense of community since its development, and this project focuses on that. It begins with two zones for the residents to be part of the community with each other and with the neighborhood. The existing building has a cafe that would turn into a community kitchen for the residents to use and house the shared amenities such as a guest bedroom, laundry room, and lounging. On the corner of Emancipation, the restaurant allows the residents to share a space with the neighborhood. These two zones are interlocked with the residential units, making it easy for the residents to share a space with the community. The ground floor between these two zones is parking for the residents but could also be a space to host events for the neighborhood, such as an outdoor art gallery.



Preservation of existing facade:
Replace brick with a new large window
Use Low E glass for windows and doors.



PUBLIC/SHARED

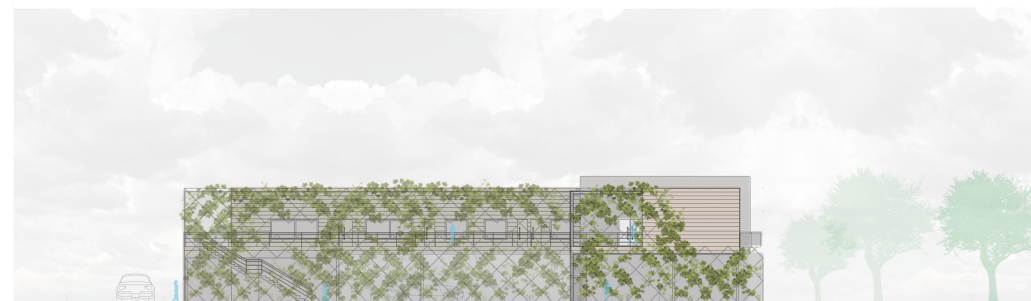
RESIDENTIAL

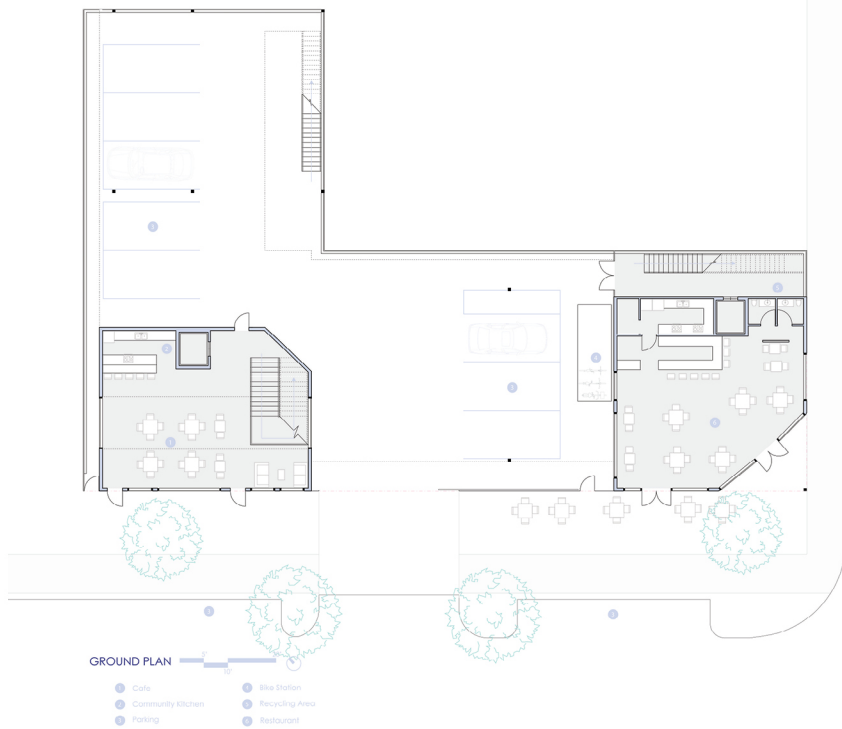
MESH FACADE STRUCTURE



BUILDING MATERIALS

The Historic Third Ward buildings that are commercial or public buildings are mostly brick or other masonry materials which contrast with the housing that is made out of wood. For this project the commercial and the shared spaces are made of brick similar to the color of the existing facade. While the residential part of the building is made out of wood. The mesh is incorporated to give the residents privacy. The structure of the mesh facade was inspired by the pitched roofs of the Project Row Houses.





GROUND LEVEL

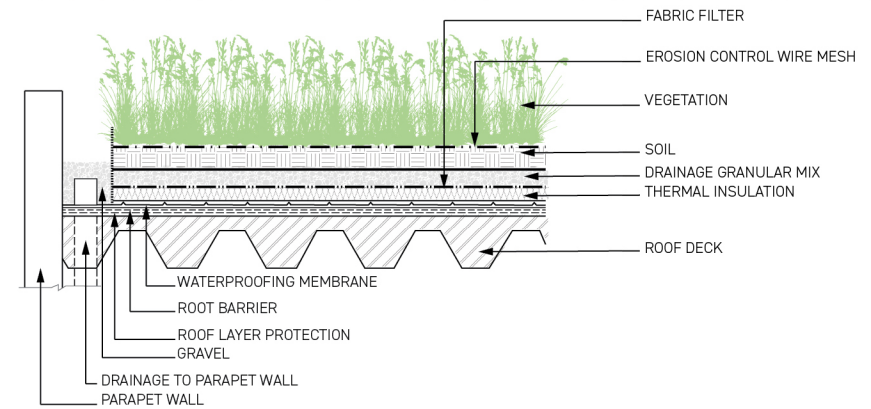
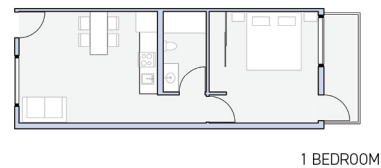
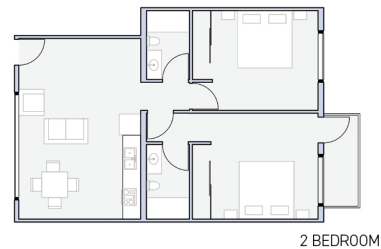
Restaurant	1800 SF
Parking	1 Space/Residential unit
Residential Entry	
Secured Bike Storage	
Dining/Lounge	900 SF
Kitchen	200 SF

RESIDENTIAL COMMON AREAS

Multi-purpose Room	300 SF
Guest Suite	200 SF
Laundry Room	
2 Washers 2 Dryers	
Recycling Center	
Roof Deck/ Vegetable Garden	
Composting Area	
Garden Storage	

UPPER LEVEL

Residential Units	
[2] 2 Bedroom & 2 Bath	
[3] 1 Bedroom & 1 Bath	
[4] Studio & 1 Bath	



EVENT PLANNING

Contributions to Employee Morale

IIDA Furniture Flip 2023

- **Supply Gathering:** Efficiently gathered all necessary supplies for the project, ensuring no delays in the timeline.
- **Vendor Collaboration:** Worked closely with sponsored vendors to incorporate their products into the final furniture piece, enhancing the overall quality and appeal.
- **Ordering Supplies:** Ordered any additional supplies needed, maintaining a seamless flow of resources for the project.
- **Design Decisions:** I played a key role in choosing the colors and materials for the final furniture piece, contributing to its aesthetic and functional outcomes.
- **Team Coordination:** Organized and facilitated team meetings, ensuring effective communication and collaboration throughout the project.

Construction Competition 2023

- **Material Sourcing:** Located and secured pink cans specifically for the can structure, ensuring the design's aesthetic and thematic goals were met.
- **Revit Model Planning:** Assisted in the planning and developing of the Revit model for the structure, contributing to the precise and efficient design process.
- **Sponsorship Acquisition:** Successfully secured The Home Depot as a supply sponsor, significantly reducing costs and increasing resource availability.
- **Supply Management:** Took charge of acquiring all necessary supplies for construction, organized a comprehensive supply list, and created an accurate list of cans needed for the project.
- **Graphic Design:** Contributed to creating poster and additional graphics needed for the competition, enhancing the visual appeal and communication of the project.
- **Hands-on Construction:** Actively participated in the structure's construction, ensuring the design was executed according to plan.

Employee Engagement Events

- **Event Coordination:** Spearheaded and coordinated a variety of events aimed at boosting employee morale, including:
- **Sandcastle Competition 2023:** Planned and managed a sandcastle-building competition, encouraging teamwork and outdoor activity.
- **Deck the Trees 2022 at the Alley Theatre:** I assisted in planning and executing the Deck the Trees event, a festive initiative at the Alley Theatre that involved creative decoration and community engagement.
- **Egg Benefits (Employee breakfast), Egg Hunt, Happy Hour, Ice Cream Social, Green Snack Party, In Office Holiday Competitions, A.R.E. Study Session, Toy Drive, and Holiday Decoration**



FURNITURE FLIP 2023 BEFORE & AFTER



CANSTRUCTION 2023



THANK YOU