

DESIGN PORTFOLIO

BY EZANA HUDA

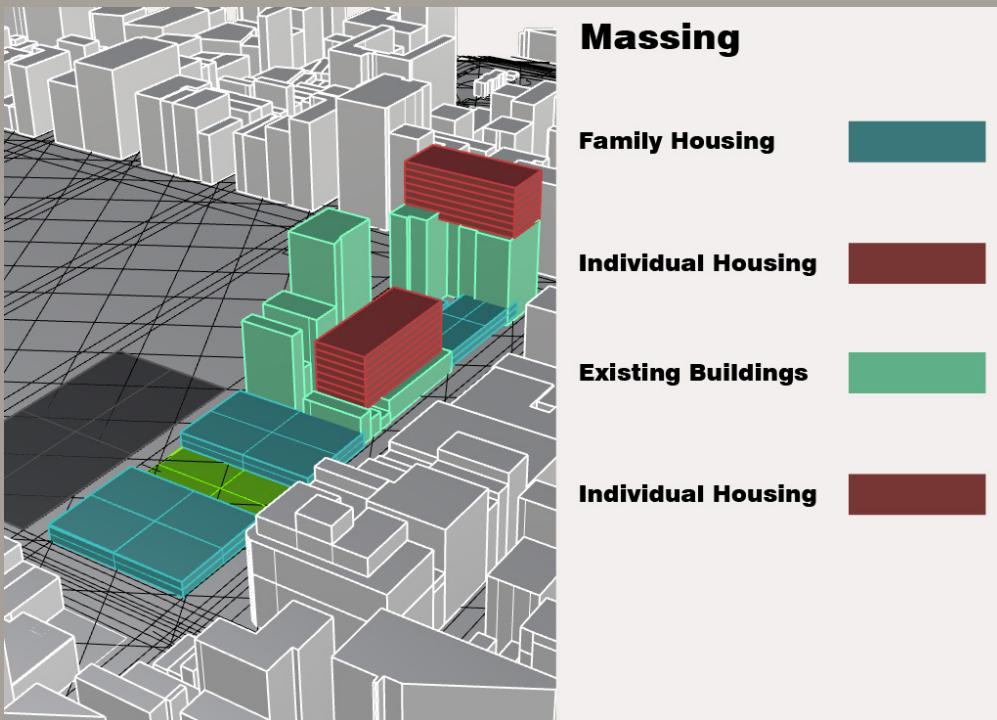
URBAN DESIGN

MIDTOWN MEDICAL COMPLEX



Affordable Housing – Midtown Medical Complex

As part of the Midtown Medical Complex, my focus was on designing affordable housing that provides equitable living opportunities while respecting the historic Church of St. Francis Xavier and surrounding green spaces. The design prioritizes efficient layouts, daylight, and ventilation, ensuring healthy and sustainable living environments. At the ground level, shared amenities and community spaces strengthen social connection, while the massing and material palette balance modern identity with contextual sensitivity. This project aims to create a resilient, inclusive neighborhood where housing, healthcare, and community life are seamlessly integrated.



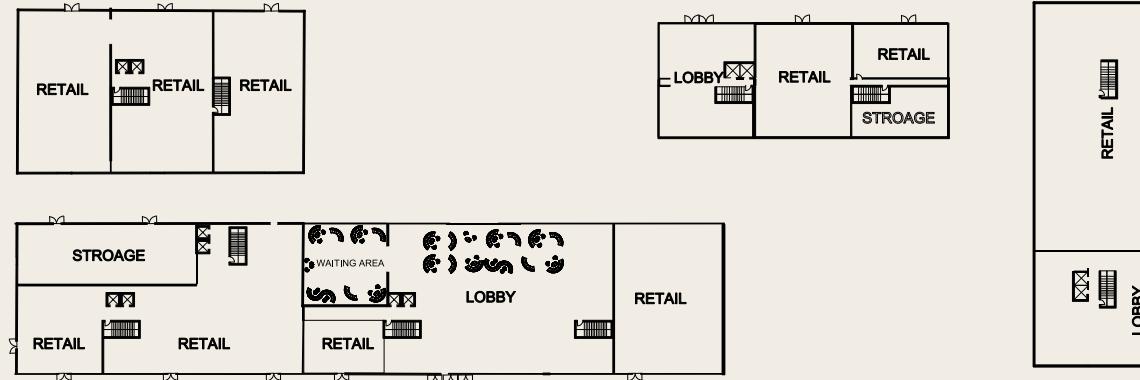
Urban Integration

The affordable housing development integrates with the surrounding neighborhood through a network of open spaces, courtyards, and pedestrian connections. The site strategy strengthens community interaction while respecting historic structures and aligning with the Midtown Medical Complex vision.

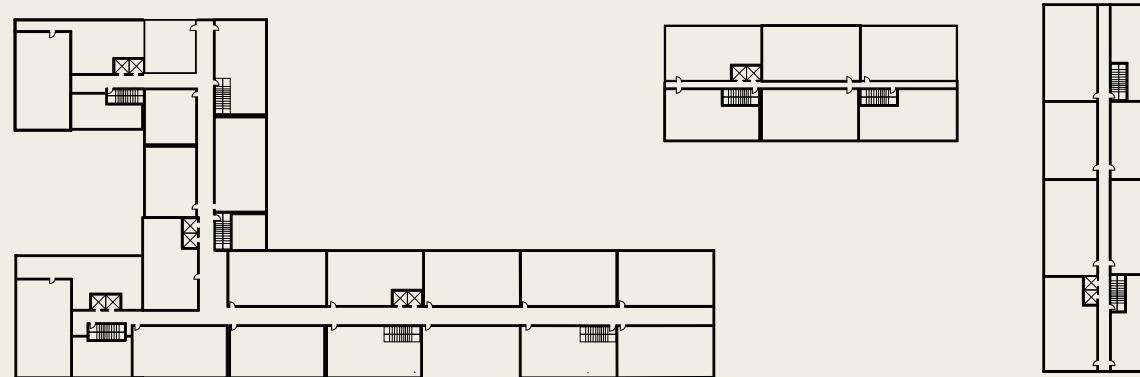


Concept & Massing

The design responds to Midtown's dense urban fabric by breaking the program into smaller volumes that frame shared green courtyards. Each massing strategy balances density with livability, ensuring daylight, ventilation, and community interaction at multiple scales.



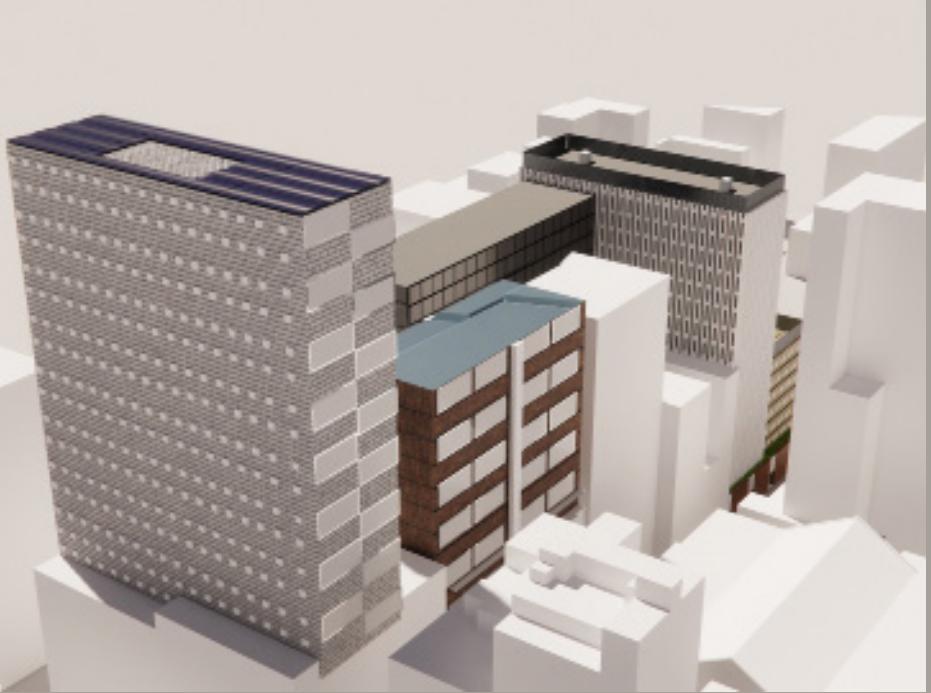
GROUND FLOOR PLAN



TYPICAL RESIDENTIAL FLOOR

RENDERINGS

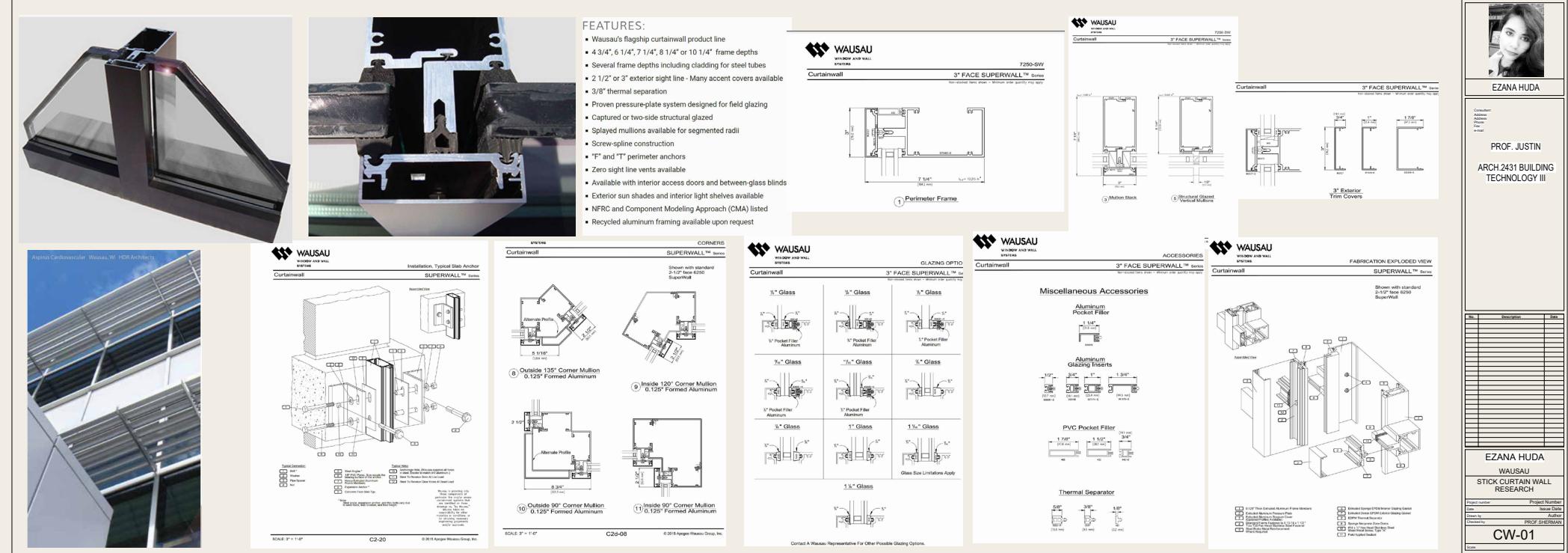




SECTION

FACADE DETAILS

STICK CURTAIN WALL SYSTEM



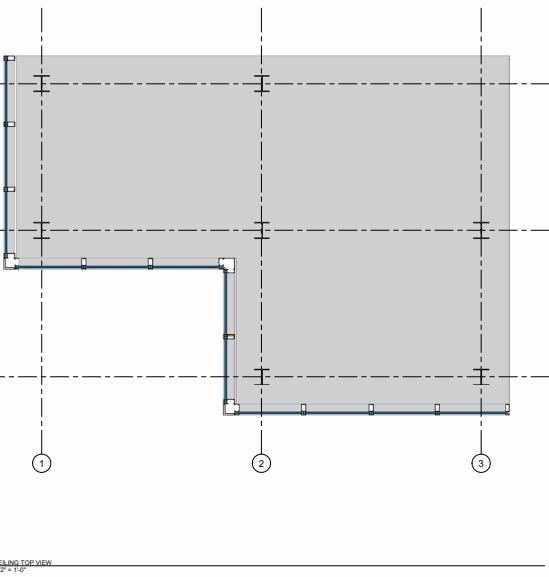
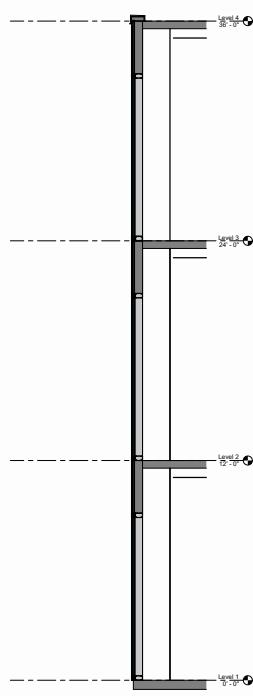
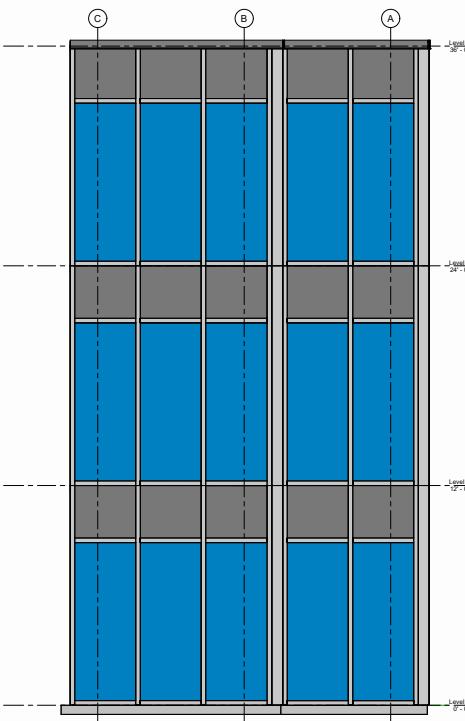
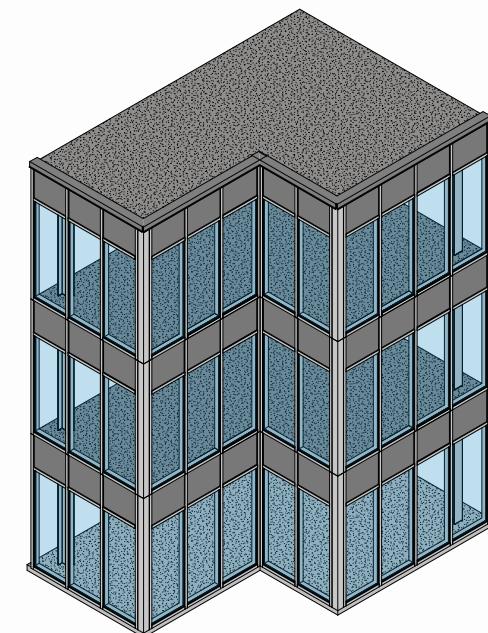
This project examines a stick-built curtain wall system, where mullions, transoms, and glass panels are assembled piece by piece on-site. The system allows for flexibility in design and adaptation to varying site conditions, making it efficient for mid- to high-rise construction. Detailing focused on thermal breaks, weatherproofing, and structural connections, highlighting how the facade achieves both performance and transparency.



EZANA HUDA

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PROF. JUSTIN

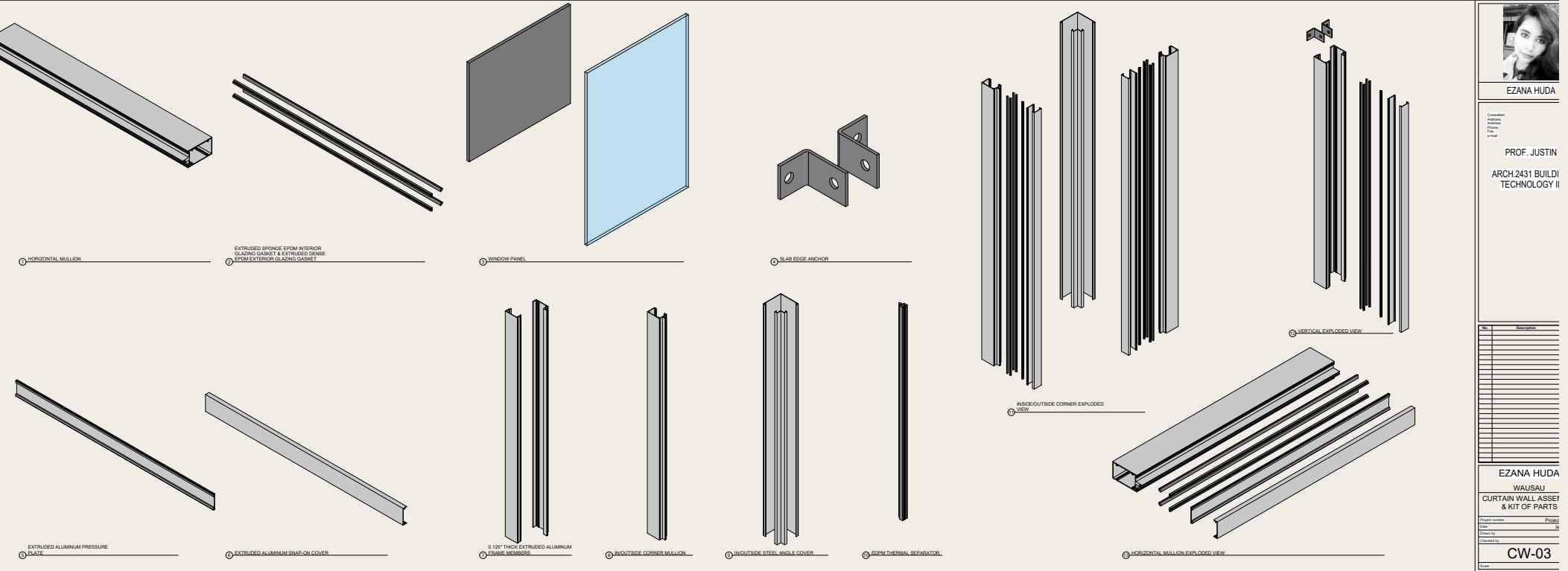


1 CEILING TOP VIEW

SECTION
1/2" = 1" 0"

WEST ELEVATION

4

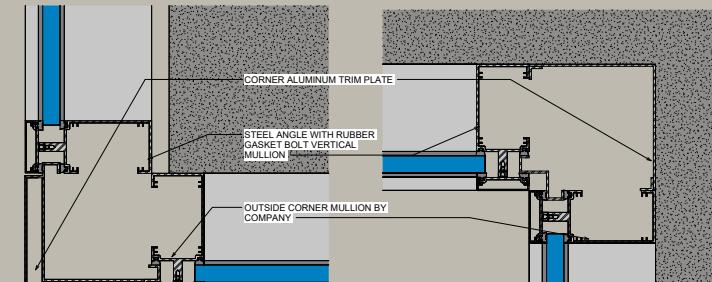




EZANA HUDA

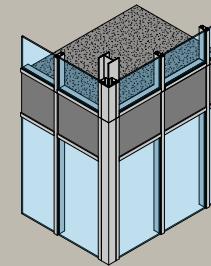
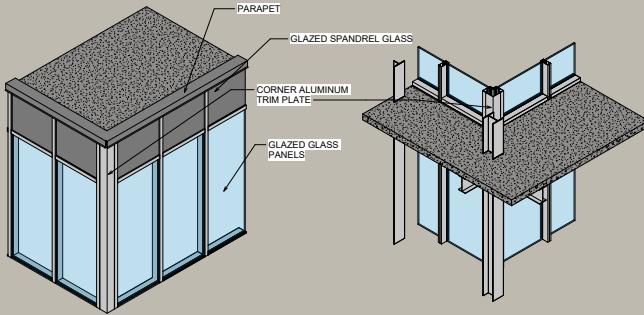
PROF. JUSTIN

ARCH.2431 BUILDING
TECHNOLOGY III

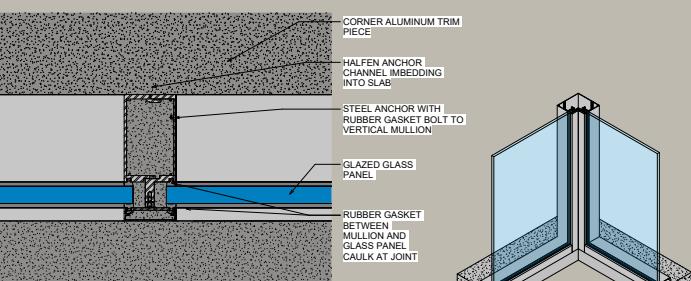


CURTAINWALL OUTSIDE CORNER

CURTAINWALL INSIDE CORNER

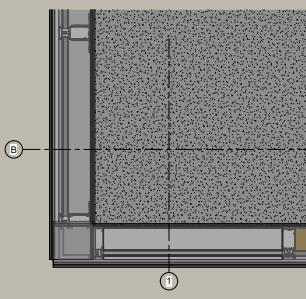


CURTAINWALL OUTSIDE CORNER

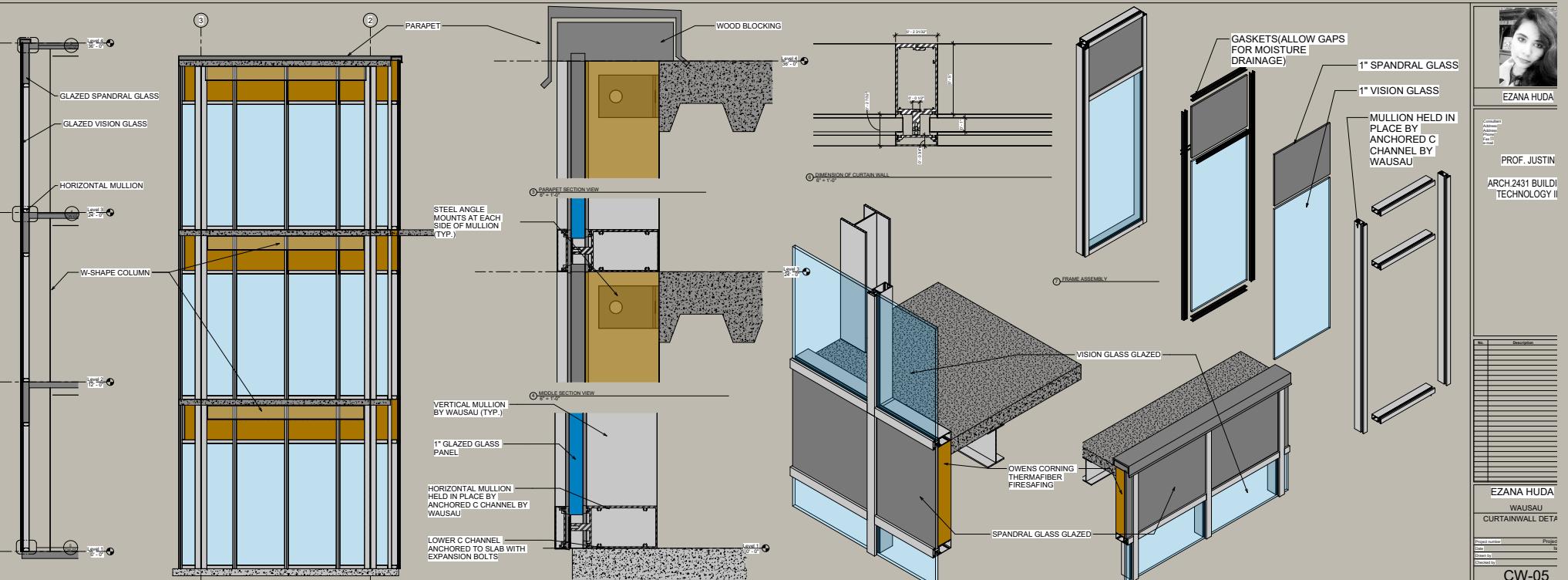
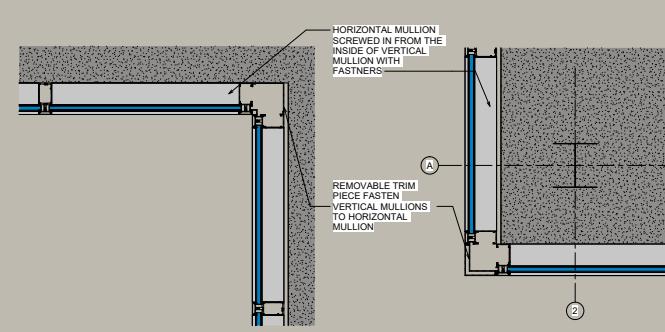


CURTAINWALL VERTICAL MULLION

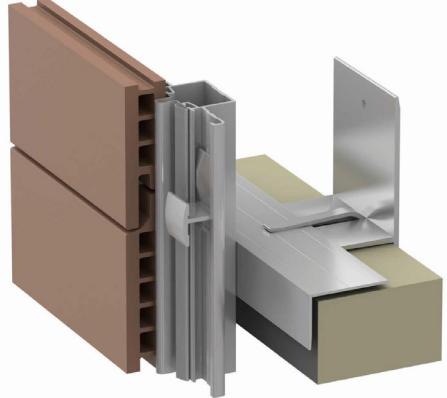
CURTAIN WALL BOTTOM ISOMETRIC



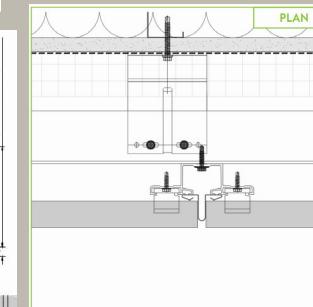
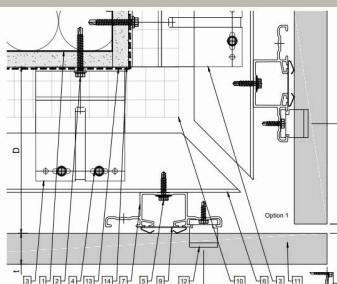
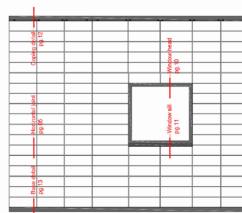
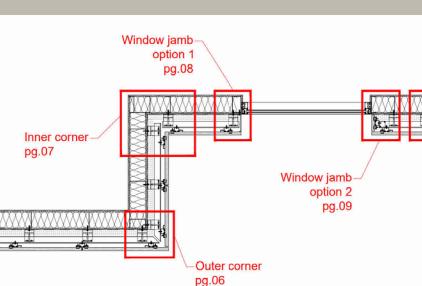
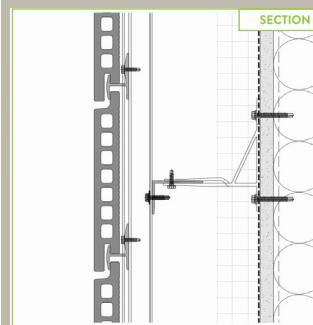
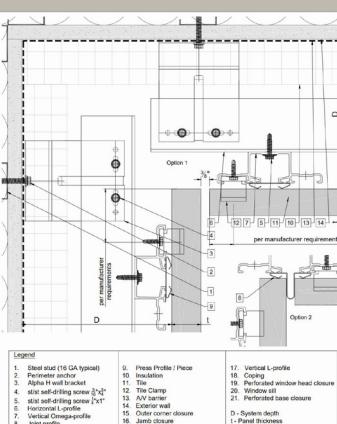
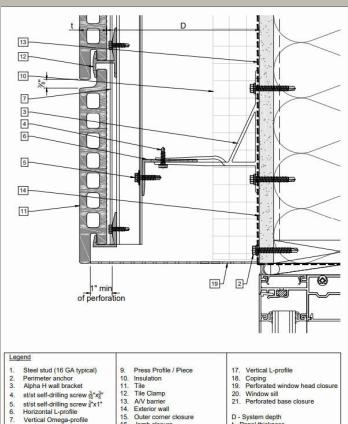
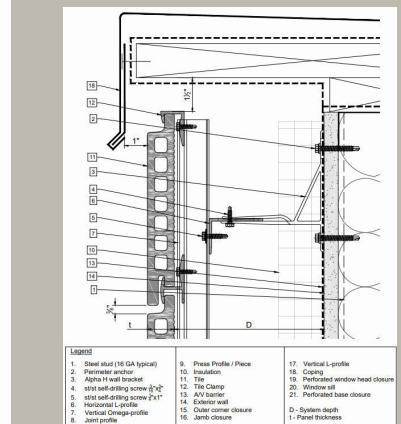
1



TERRACOTTA PANEL FACADE SYSTEM



Tukwila King County Library - Tukwila, WA



This study explores a terracotta panel cladding system, chosen for its durability, natural texture, and sustainable performance. Panels are mounted onto an aluminum subframe, creating a ventilated rain-screen that improves thermal comfort and moisture control. The design emphasizes modularity and rhythm, showcasing how terracotta can provide both warmth and a modern architectural expression.



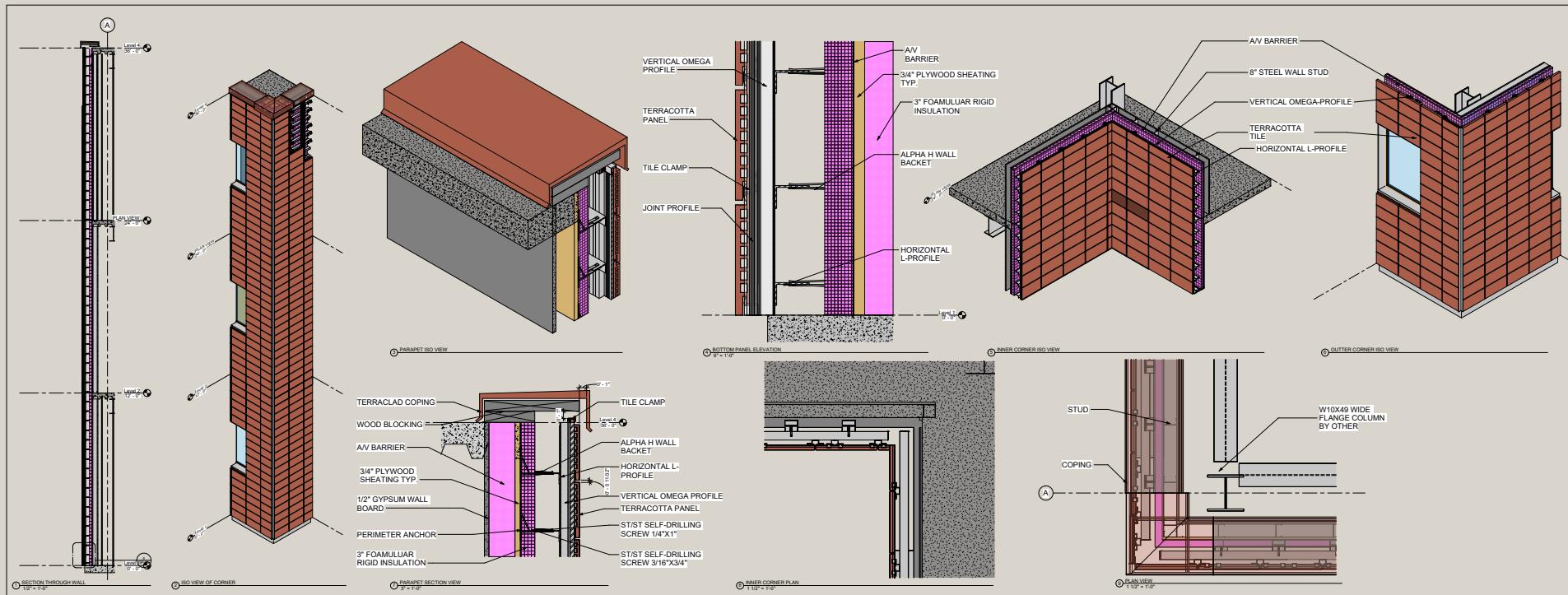
EZANA HUDA

Consideration
Address
Review
Date
Checklist

PROF. SHERMAN

ARCH.2431 BUILDING

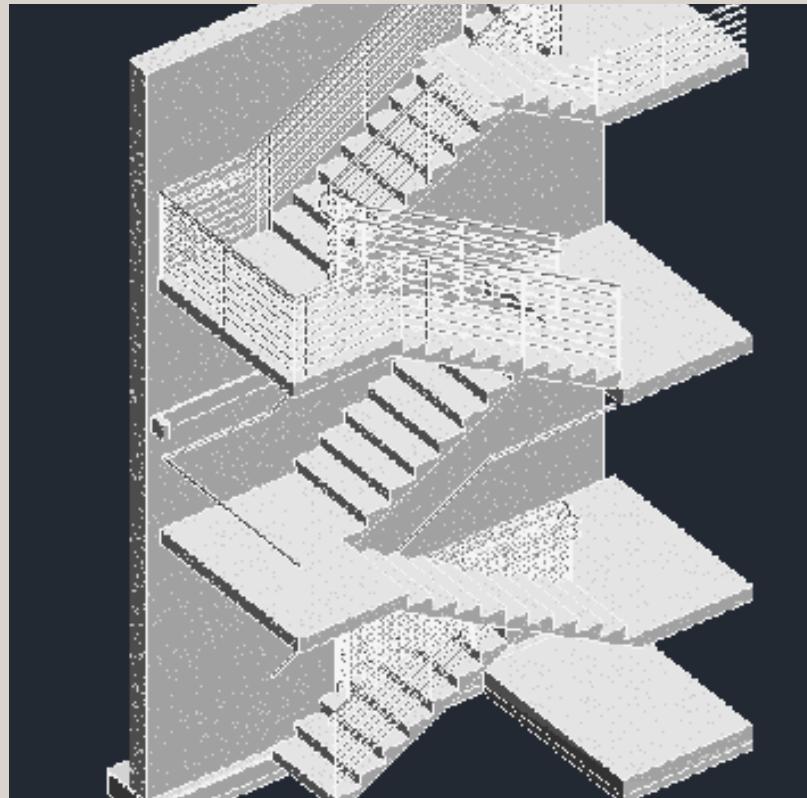
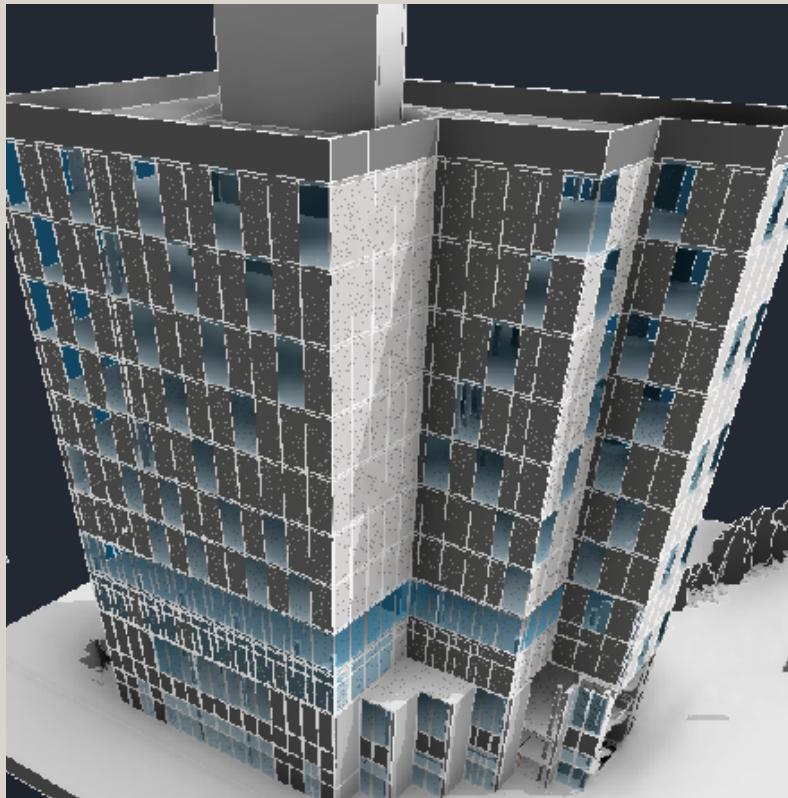
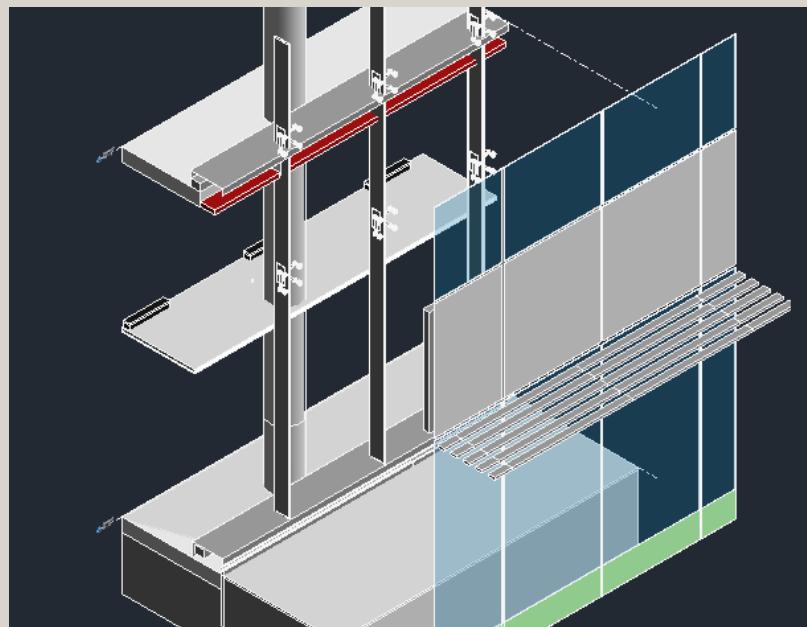
TECHNOLOGY III

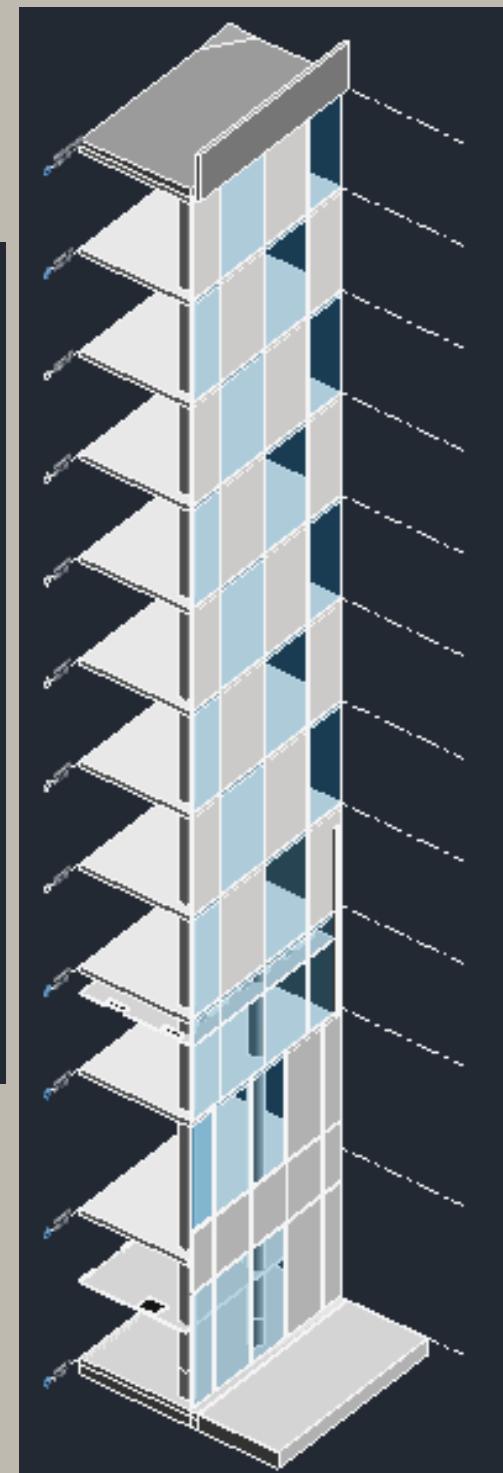
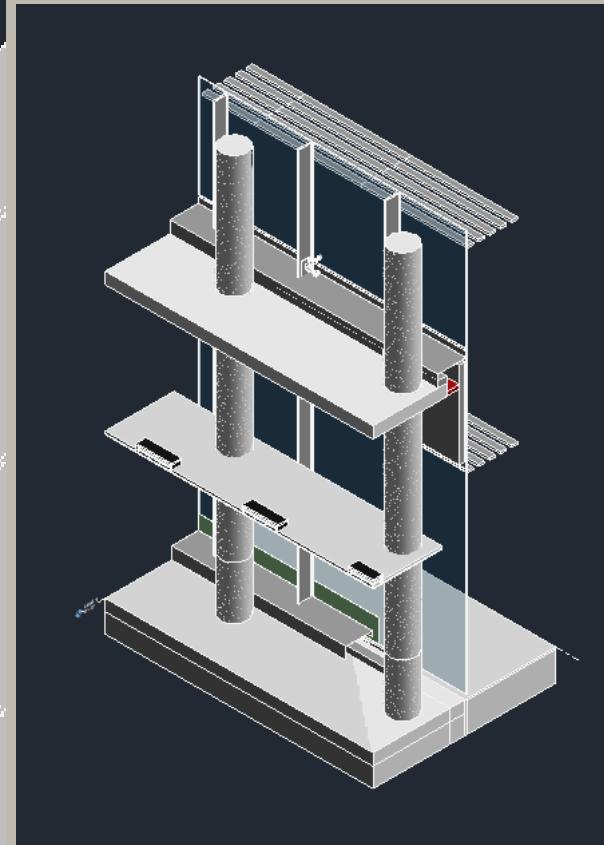
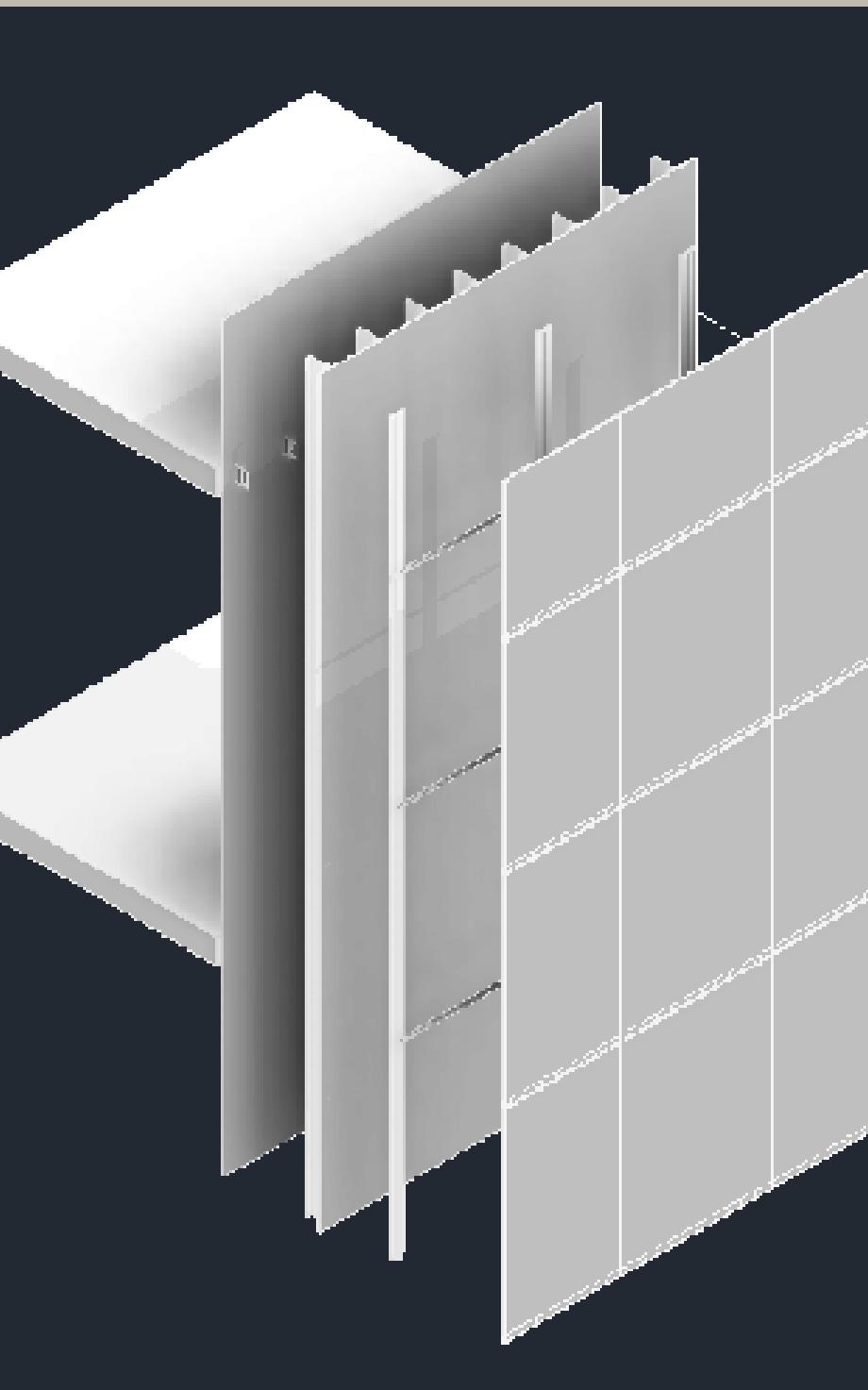
EZANA HUDA
ECO CLADDING
TERRACOTTA DETAILSProject Number: SP-05
Date: 08/20/2024
Issue Date: 08/20/2024
Checked by: Ezana Huda
Comments: The indicated

Façade Assembly + BIM



Building Envelope + BIM Integration
This project emphasizes the use of BIM workflows to develop a complete set of enclosure details and system assemblies. The work included energy modeling to evaluate building performance, along with precise construction documentation that highlights the relationship between structure, envelope, and sustainability.





Green Recovery Ukraine - Holosiivskyi National

This project was developed collaboratively as part of a team studio focused on ecological and cultural recovery strategies in Kyiv, Ukraine. The proposal emphasizes recreation, conservation, and health through strategic zoning, circulation networks, and ecological restoration.

Role: While contributing to the overall design, my primary responsibilities included creating the maps, diagrams, and final drawings, which communicated zoning strategies, trail systems, and design interventions.



This project presents a conceptual framework for the future use and management of Holosiivskyi National Natural Park, located in Kyiv. The aim is to develop a strategy that allows for meaningful and structured use of the park, while ensuring the long-term protection of its natural resources. The concept proposes improved access for visitors, enabling them to experience the park in a guided and purposeful way. At the same time, it addresses current challenges such as uncontrolled movement through sensitive forest areas, which can lead to ecological degradation.

By introducing clearly defined areas with specific functions, the project seeks to balance recreational use, health-oriented spaces, and nature conservation. The areas follow the existing conditions and infrastructure of the park,



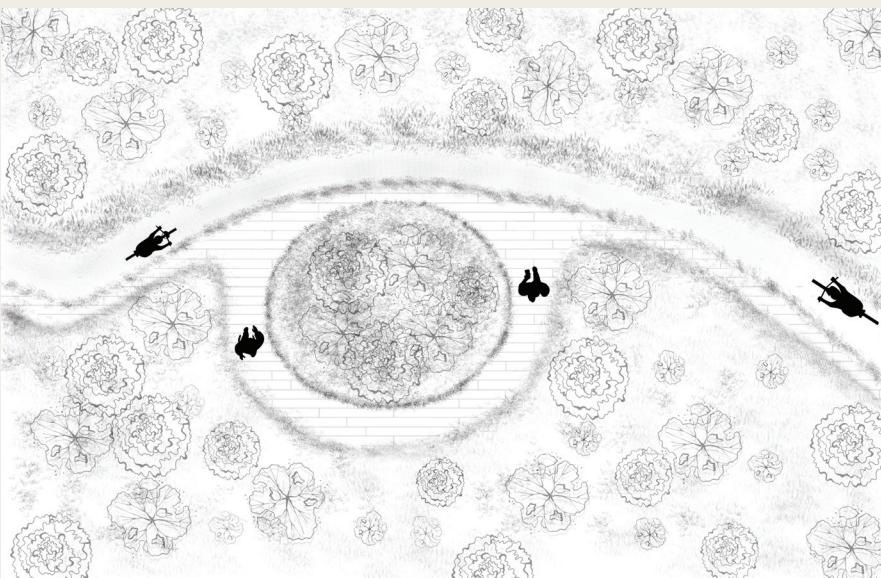
The proposed concept for Holosiivskyi National Natural Park presents a structured strategy to balance human use and ecological protection. By building on existing infrastructure and natural features, it minimizes interventions while improving accessibility and ecological value. Zoning into recreation, health, and conservation areas enables diverse yet sensitive use of the landscape. A clear path system helps manage



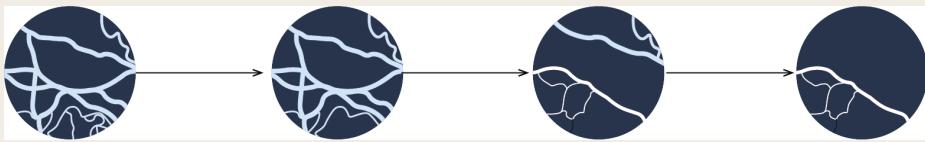
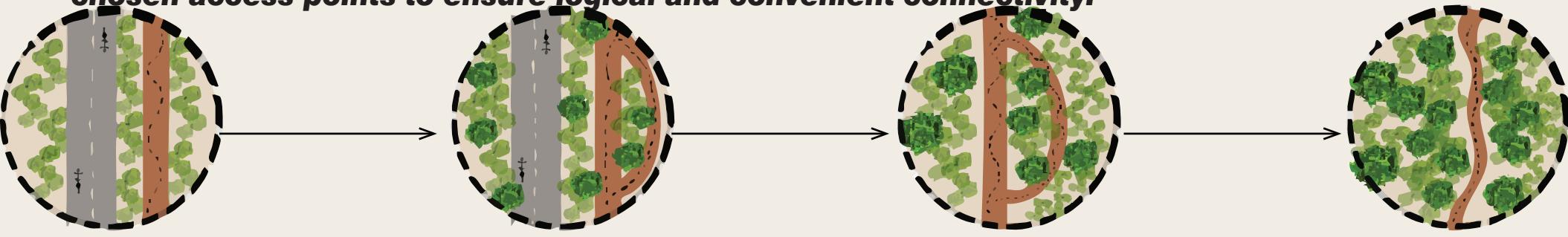
The existing path network will continue to form the foundation of the new routing concept. Selected routes will be upgraded and enhanced to serve as the park's main connections, while less significant or ecologically problematic paths will gradually be removed. This approach reduces fragmentation, guides visitor movement more effectively, and allows large areas of the park to return to a more natural, undisturbed state over time.



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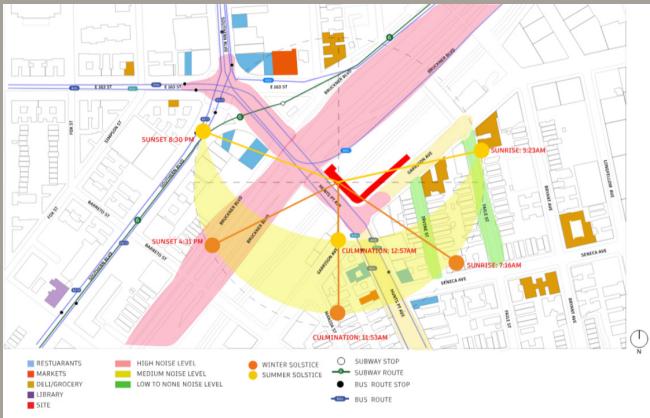


The park will include two main parallel paths, one for cyclists and one for pedestrians, designed to be barrier-free and accessible for all users. These routes follow existing trails to minimize new construction, though slight adjustments may be needed. In exchange, many smaller informal paths will be removed to simplify the network and protect sensitive areas. Along the main paths, activity points such as yoga spaces, playgrounds and bird watching spots will be integrated based on the surrounding landscape. Additionally, selected soft side trails will allow for a closer forest experience without encouraging uncontrolled movement. Park entrances are located at existing or strategically chosen access points to ensure logical and convenient connectivity.



The proposed concept for Holosiivskyi National Natural Park presents a structured strategy to balance human use and ecological protection. By building on existing infrastructure and natural features, it minimizes interventions while improving accessibility and ecological value. Zoning into recreation, health, and conservation areas enables diverse yet sensitive use of the landscape. A clear path system helps manage visitor flows and protects vulnerable areas. Overall, the concept offers a sustainable framework for future development that supports both nature and human well-being.

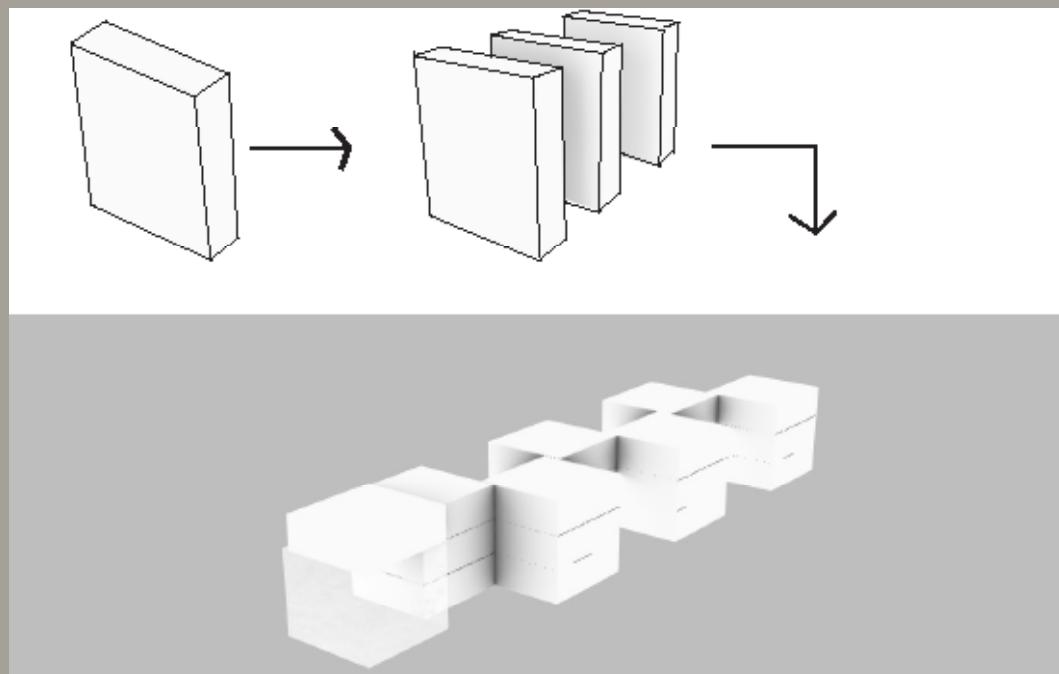
Adaptive Reuse Hostel

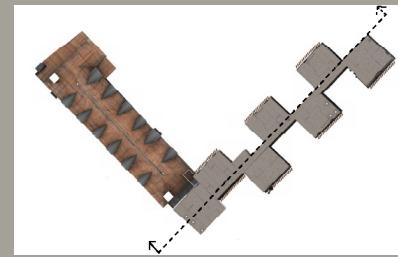
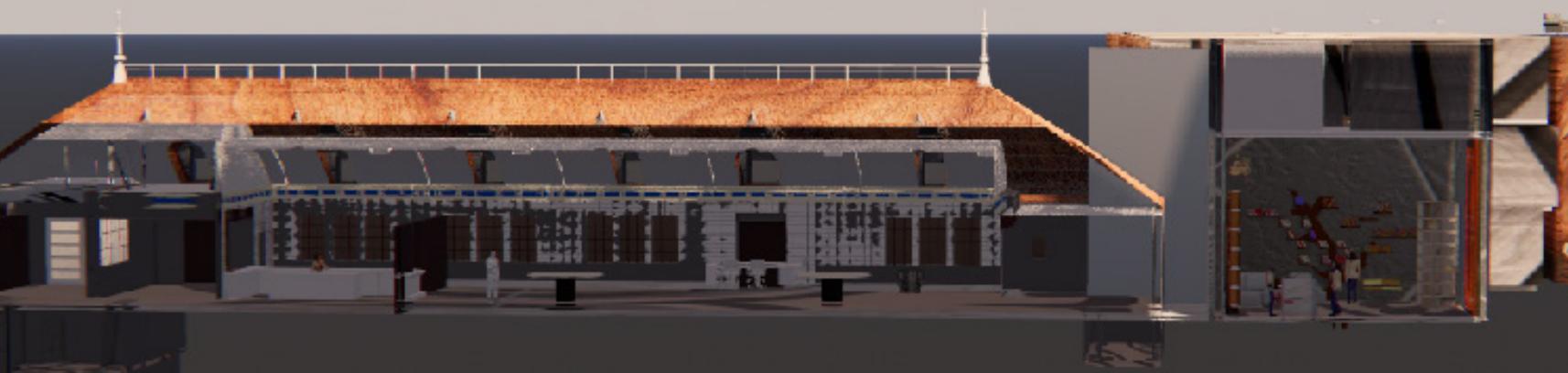


The site at 910 Hunts Point Avenue, Bronx lacks accessible educational resources, with the nearest library 32 minutes away. To address this, I designed a hostel with a secondary library program, serving both residents and the wider community.

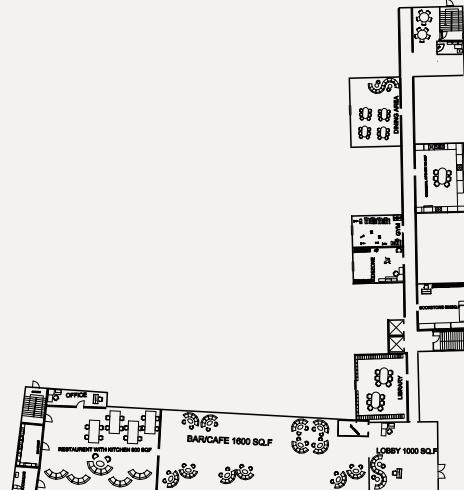
Design Approach

For this project, I designed a hostel while preserving the existing structure, ensuring that the intervention respected the site's architectural fabric while enhancing its social and cultural value

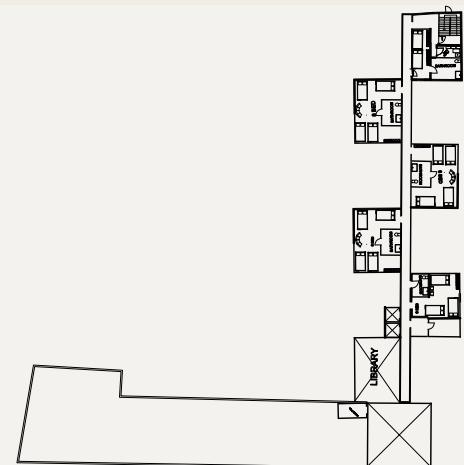




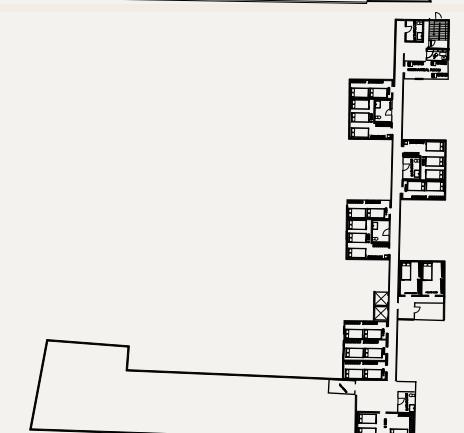
SETIONS



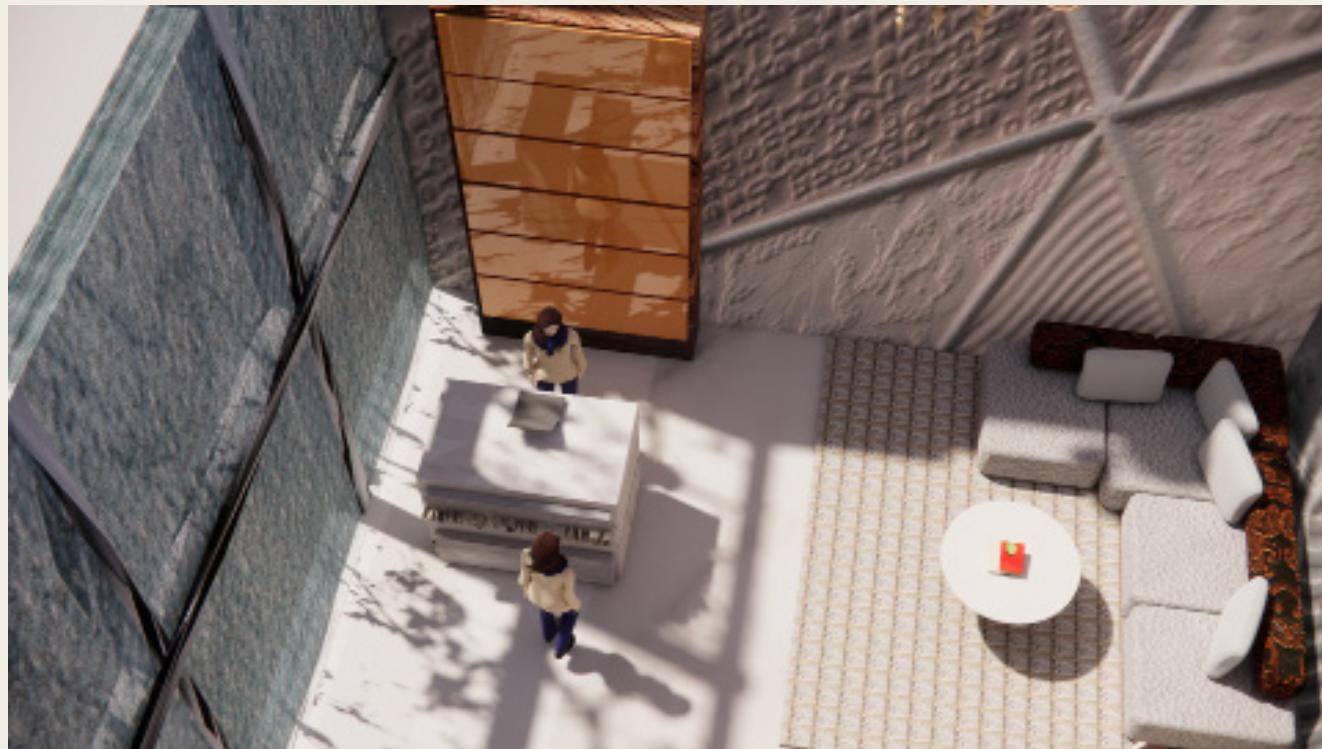
First Floor Plan



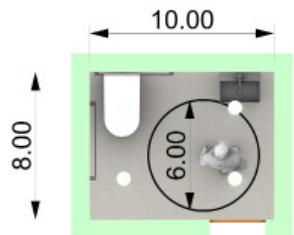
Second Floor Plan



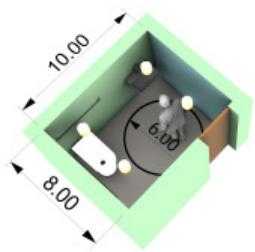
Third Floor Plan



ADA BATHROOM

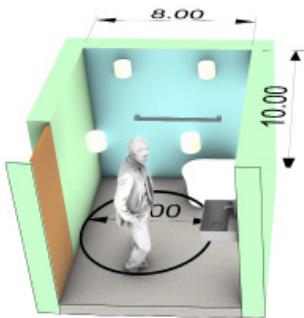
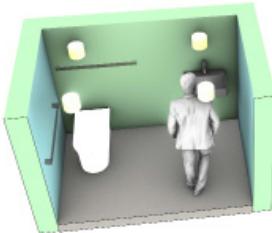


TOP VIEW



AERIAL VIEW

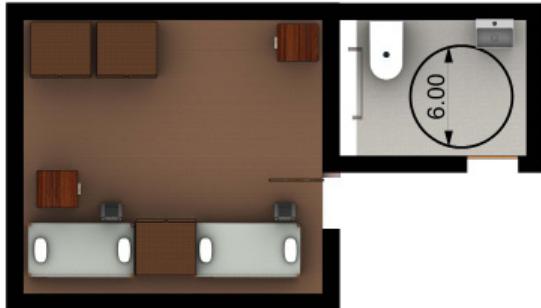
SECTIONS



ARCH 3512
Prof. LIA
Kavita Hadap | Fall 2024

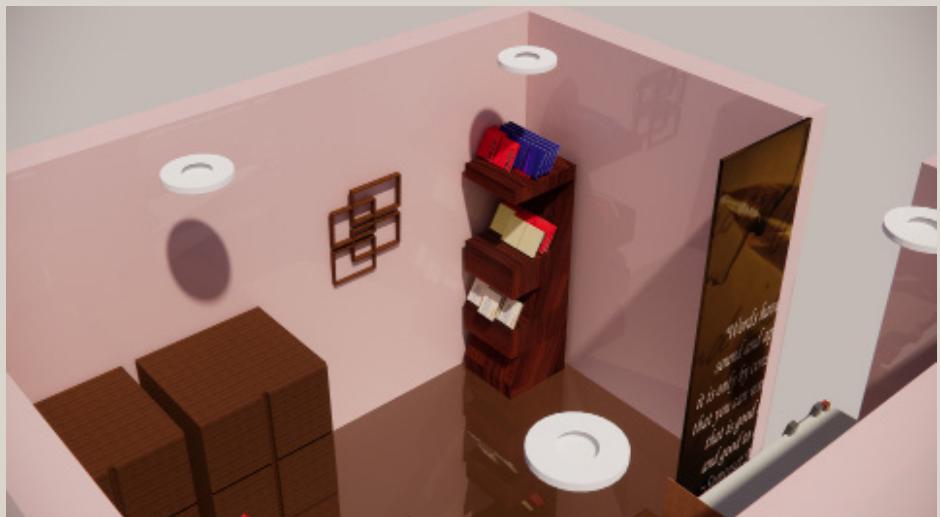


HOSTEL ROOMS



FOUR BED FLOOR PLAN

ARCH 3512 || Assignment 09 ||



Thank you