



# ARCHITECTURE PORTFOLIO

LARANE ORSAK



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## SECTION I: ARCHITECTURE DESIGN I

### LANGFORD REIMAGINED

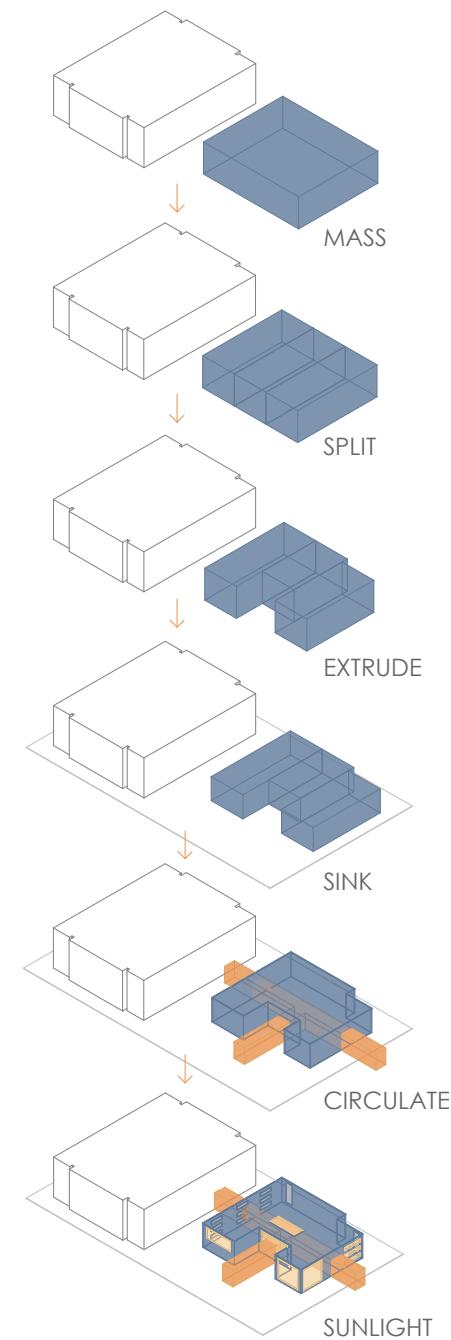
Professor: Fabrizio Aimar | Fall 2025

Master of Architecture Program

Texas A&M University

This project investigates new spatial possibilities for the College of Architecture, focusing on buildings 0359 ARCB, 0432 ARCC. Specific design approaches include departmental collaboration to foster interdisciplinary exchange, experimental green landscaping areas to integrate ecological performance with campus life, variable sun-shading devices to improve thermal comfort and energy efficiency, and the revival of the main pedestrian axis to strengthen connectivity and human experience across the complex. By situating these interventions within the legacy of the Langford Architecture Complex, the project aims to articulate a vision for the next generation of architectural education and research spaces at Texas A&M University.

### PARTI DIAGRAM





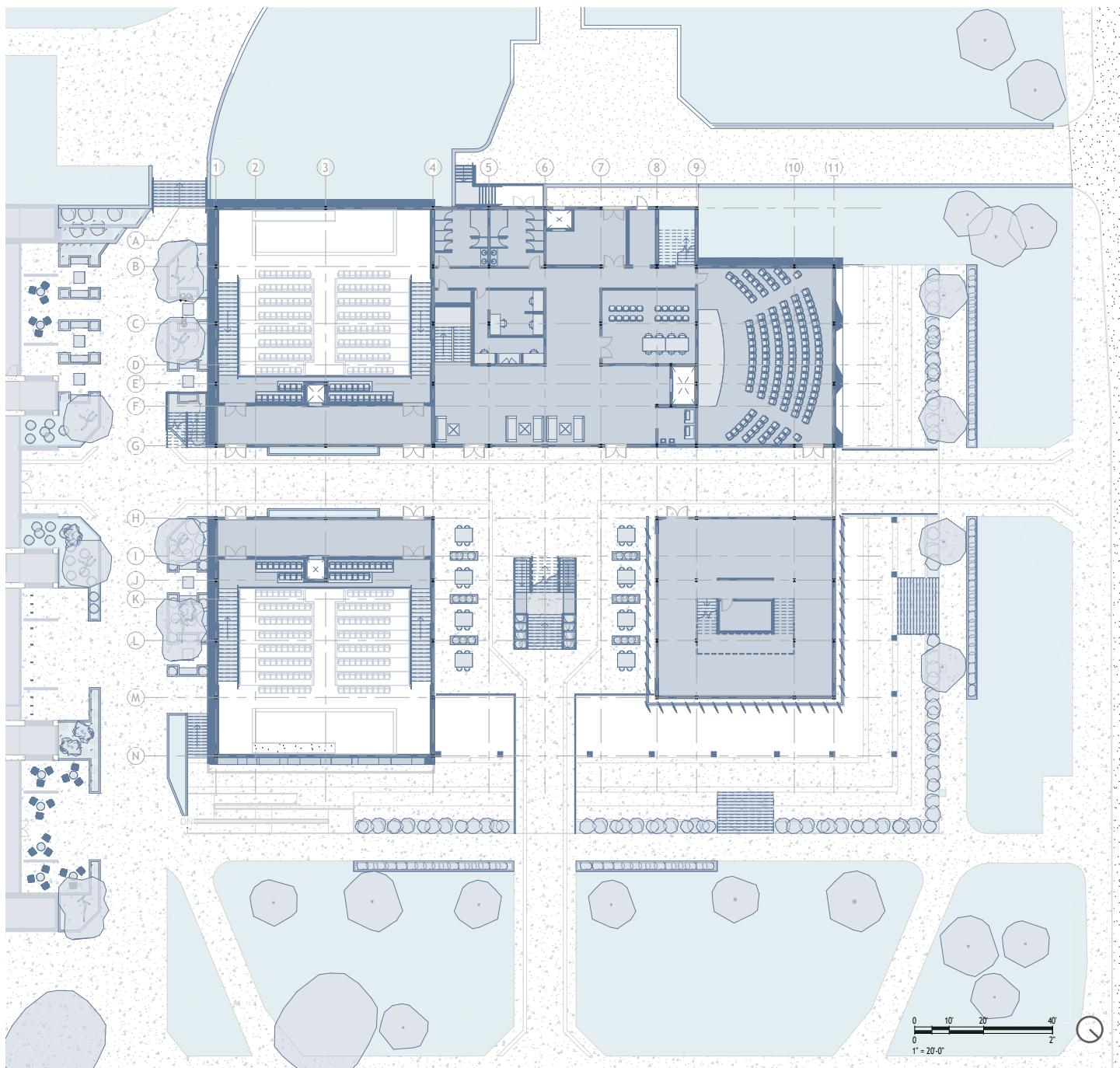
MAIN ENTRANCE AND GREEN WALL



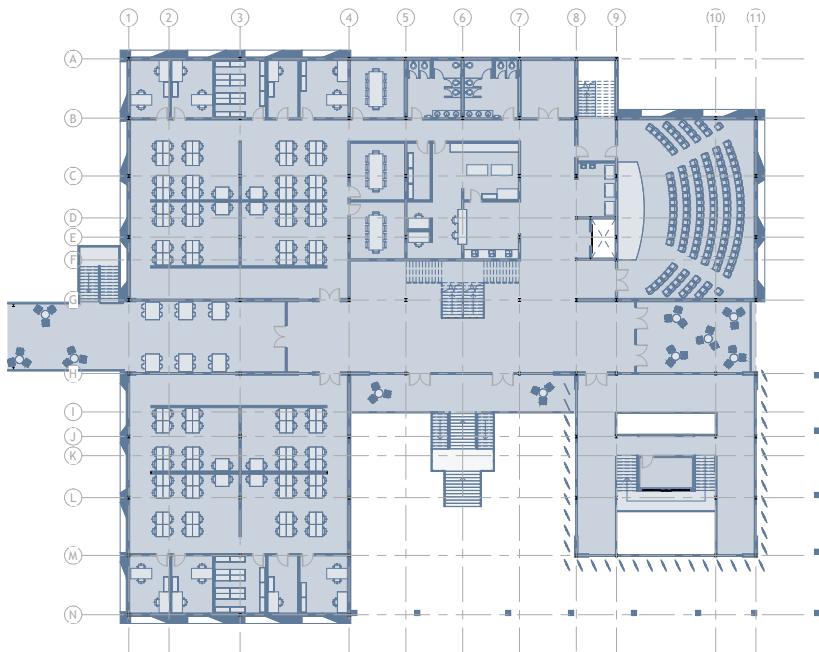
EXHIBITION SPACE



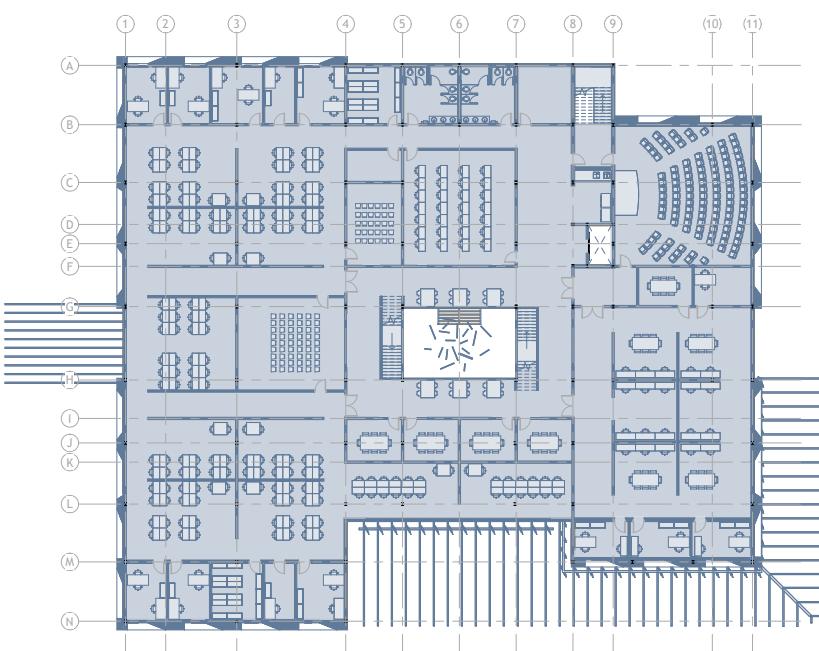
TAMU ARCHITECTURE COMPLEX AXONOMETRIC



FLOOR PLAN 01

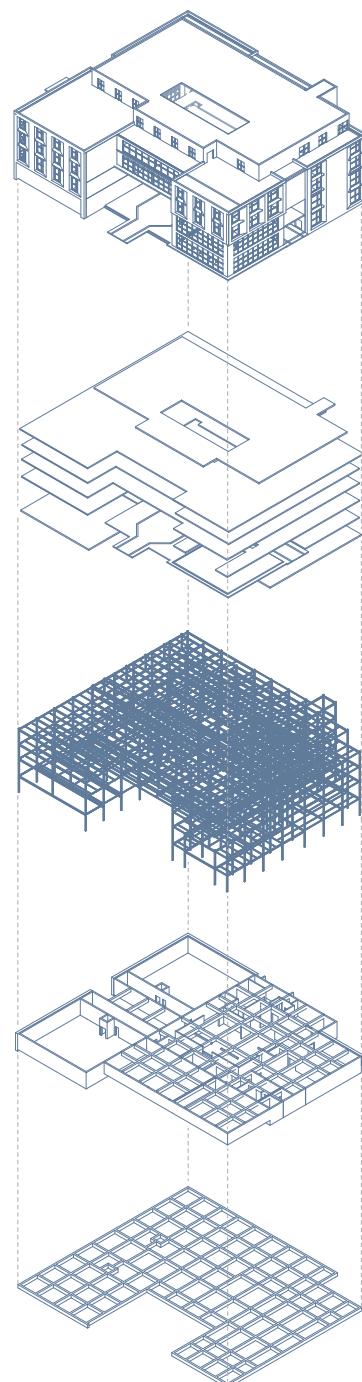


FLOOR PLAN 02



FLOOR PLAN 04

0 10' 20' 30' 40'  
1' = 20'-0"



EXPLODED AXON



ELEVATION 01



SECTION 01



## SECTION II: ARCHITECTURE DESIGN V

### RISE

Professor: Sora Key | Spring 2025

Texas A&M University

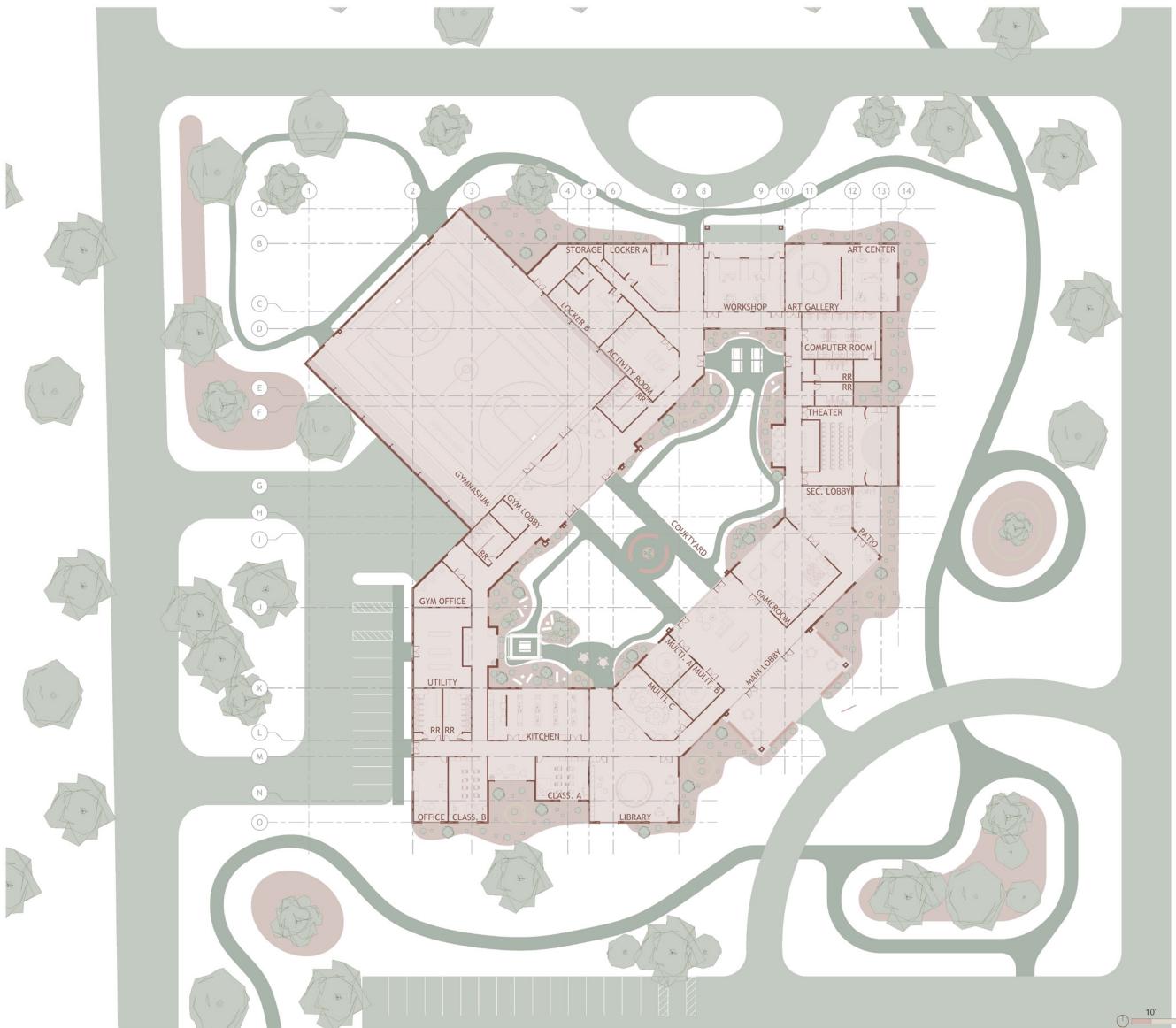
This architectural project is designed with a focus on inclusivity, specifically catering to individuals with mental disabilities. The goal is to create a supportive, empowering environment that addresses a wide range of cognitive and sensory needs through thoughtful spatial planning and design. By integrating calming and stimulating environments, each reflected through intentional color choices and material selections.

The project aims to foster comfort, independence, and engagement. Every space, from the quiet classrooms and library to the active gymnasium and multipurpose rooms, has been carefully considered to enhance accessibility and well-being for all users. The design contributes to a more inclusive built environment that recognizes and celebrates neurodiversity.



SITE PLAN

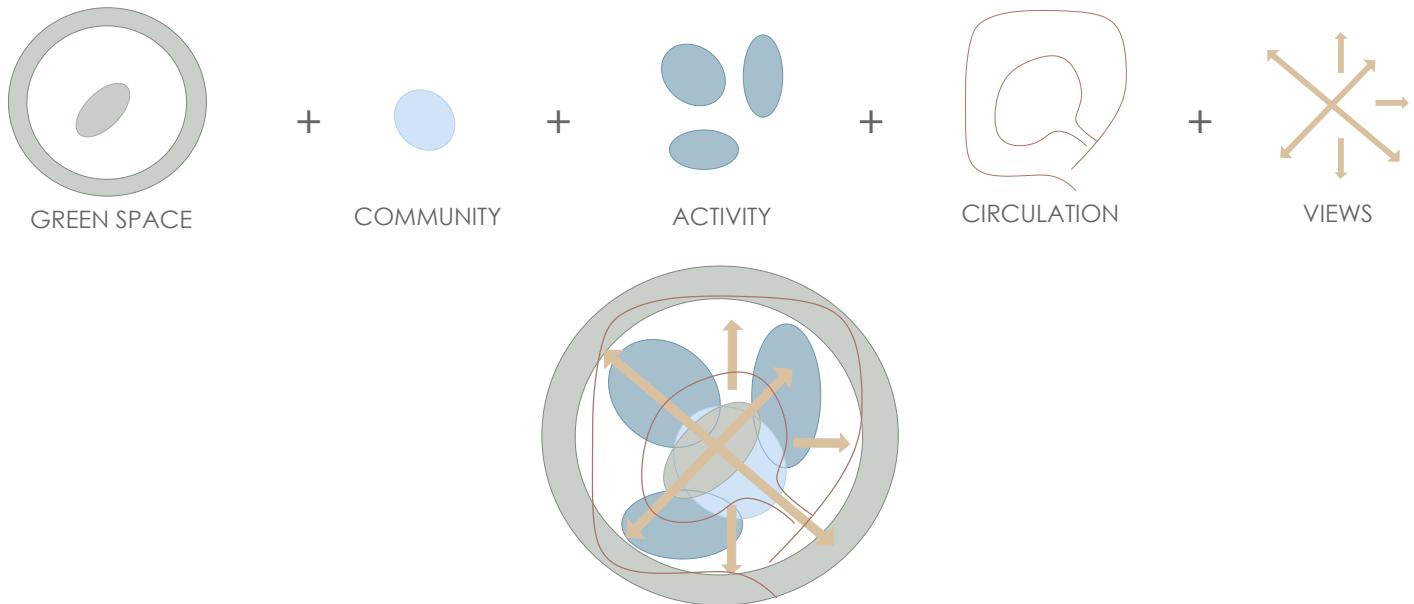




FLOOR PLAN



## PARTI DEVELOPMENT



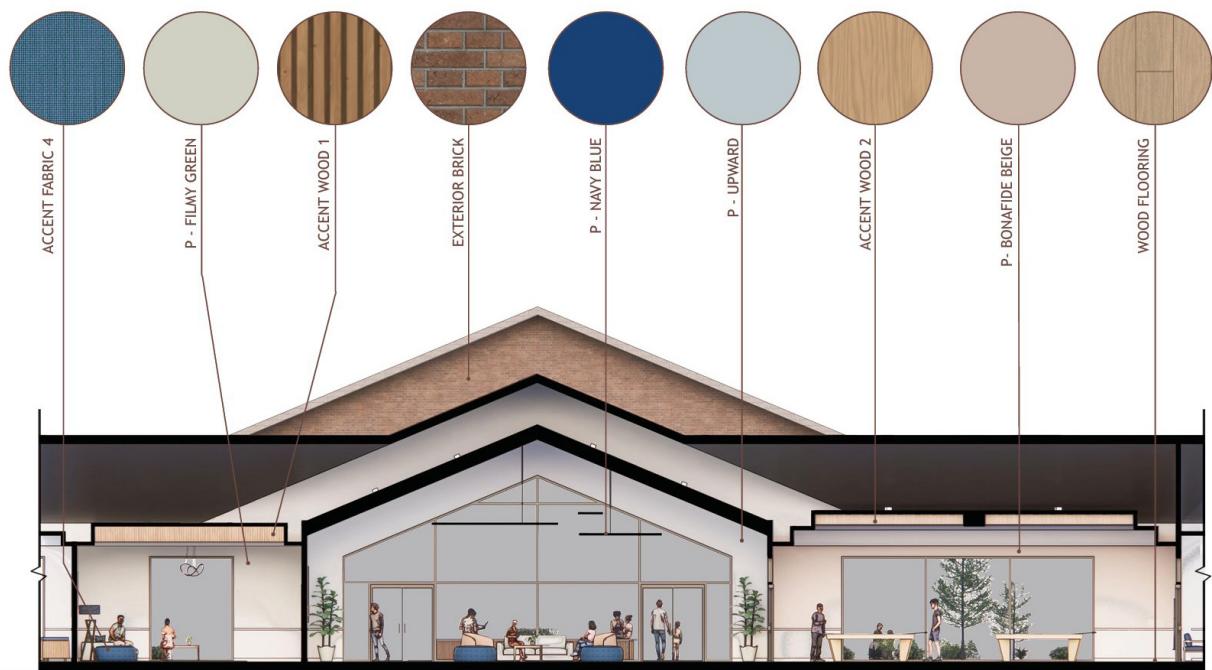
EXTERIOR COURTYARD



MAIN LOBBY



GAME ROOM



COMMON AREA MATERIAL PALETTE

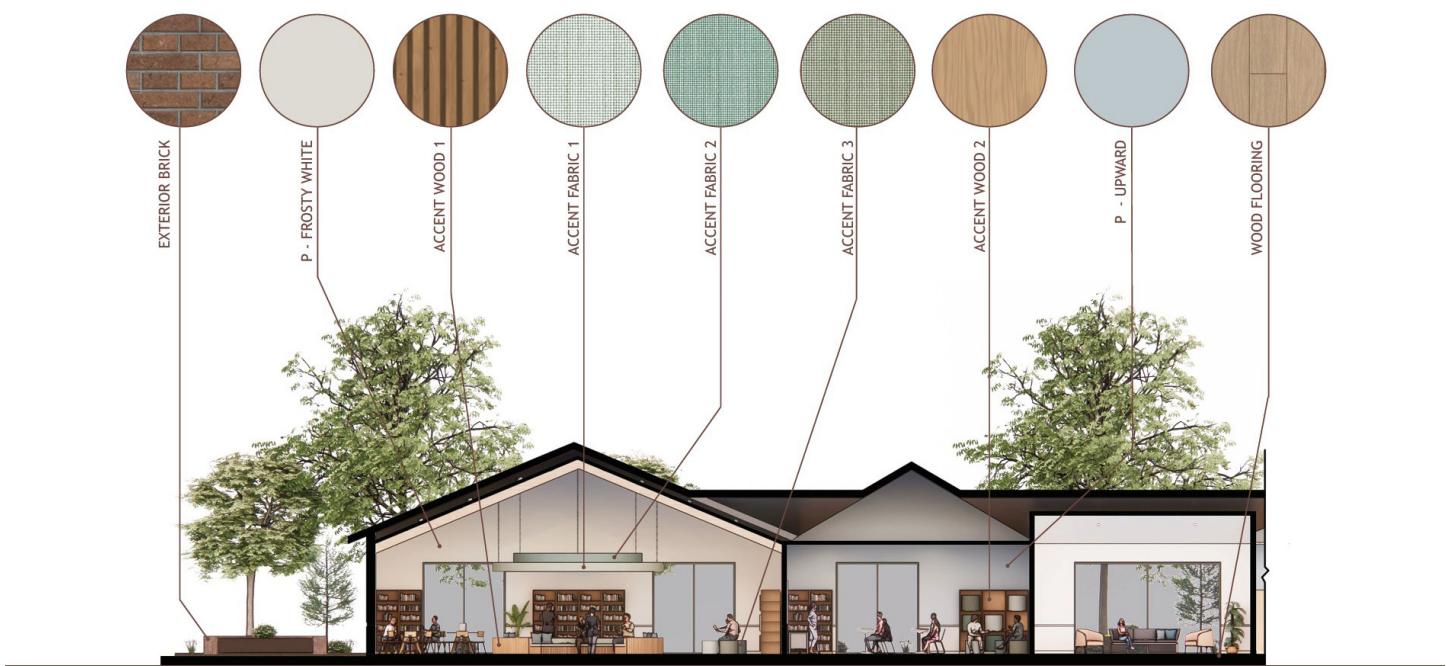




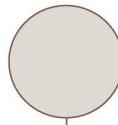
LIBRARY



MULTIPURPOSE ROOM



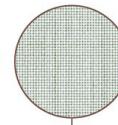
EXTERIOR BRICK



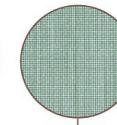
P - FROSTY WHITE



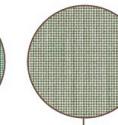
ACCENT WOOD 1



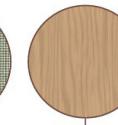
ACCENT FABRIC 1



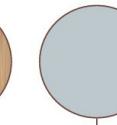
ACCENT FABRIC 2



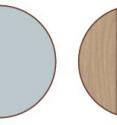
ACCENT FABRIC 3



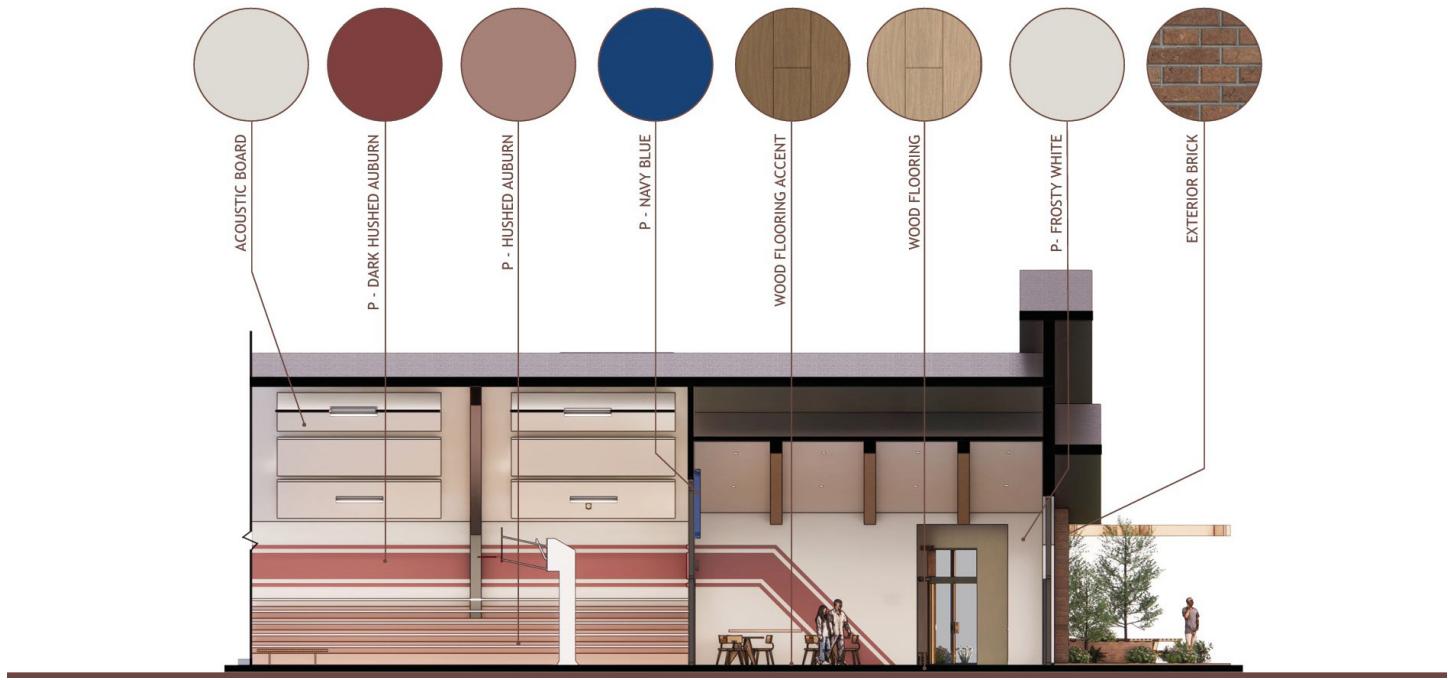
ACCENT WOOD 2



P - UPWARD



WOOD FLOORING



GYMNASIUM LOBBY

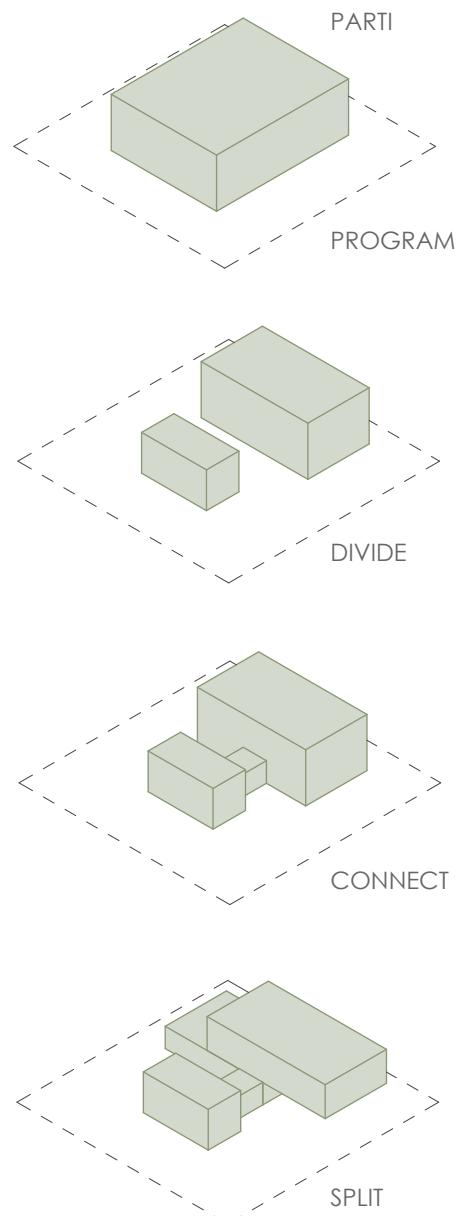


SECTION III: ARCHITECTURE DESIGN IV  
LEGACY: SAN ANTONIO RIVER CENTER  
Professor: Andrew Hawkins | Fall 2024  
Texas A&M University  
Partner: Caroline Barry

Located along the San Antonio River Walk, Legacy is a blend of architecture, history, and community, inspired by the principles of the San Antonio River Foundation: ecology, arts and culture, recreation, and education. This project focuses on the connection between both built and natural environments, creating an immersive experience that celebrates the San Antonio River's rich history and vibrant future. Legacy blends local materials as well as modern elements to create a dialogue between the past and present.

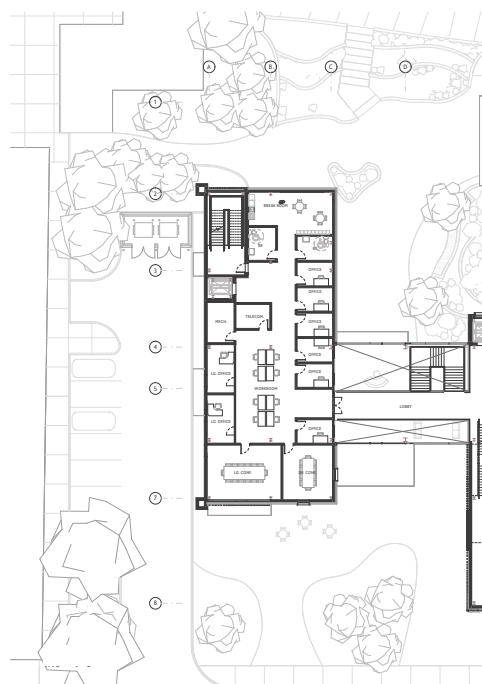
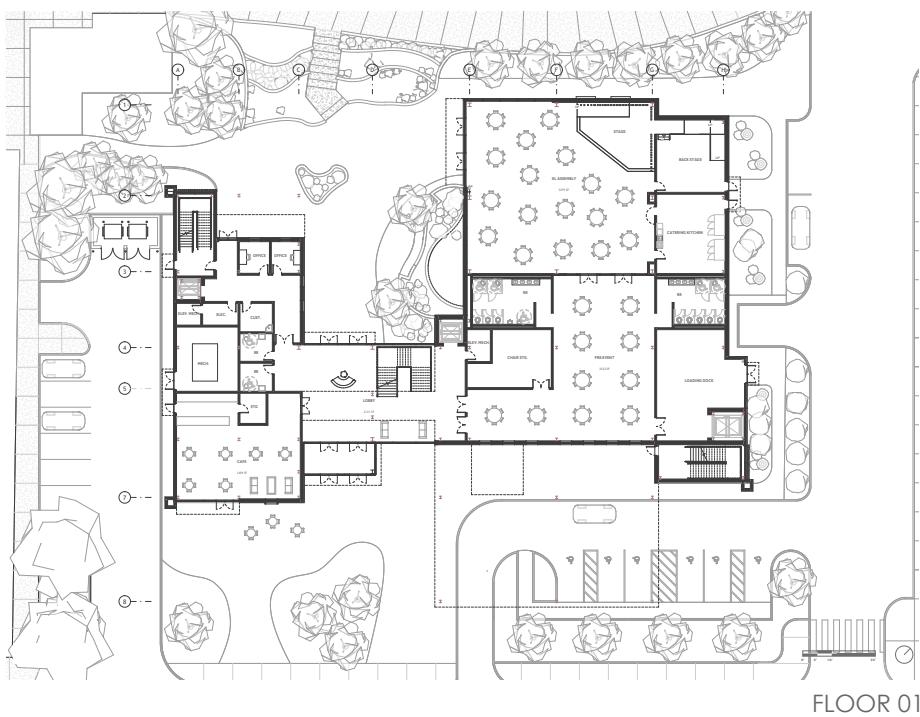
Legacy is a hub of interaction and discovery, as it encompasses engaging and interactive exhibition spaces that tell the story of the River Walk's ecology, history, and its future. As Legacy is designed to celebrate the river's significance, expansive outdoor terraces and pathways extend directly to the River Walk, offering moments of reflection and interaction.

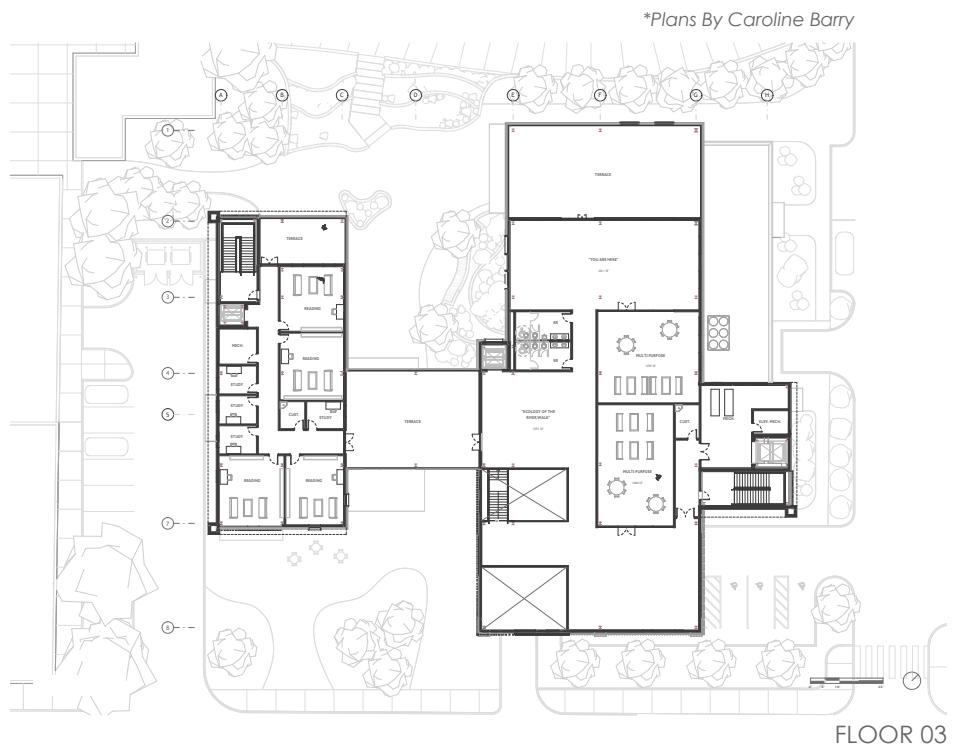
By physically and experientially linking the structure to the river, the design serves as both a steward of its history and a catalyst for its ongoing legacy.



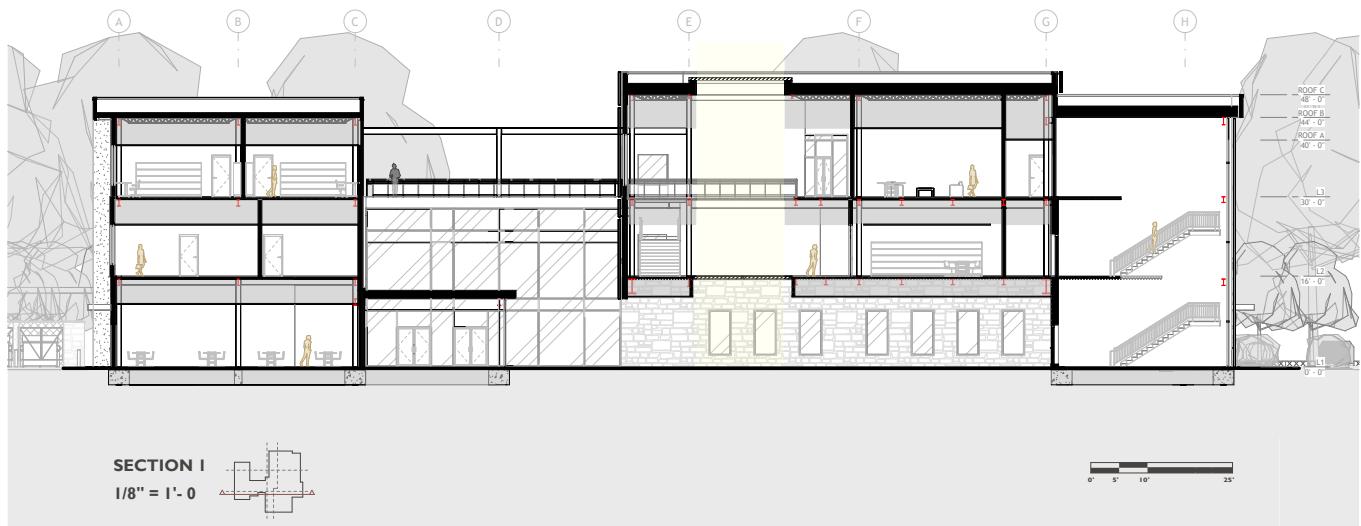


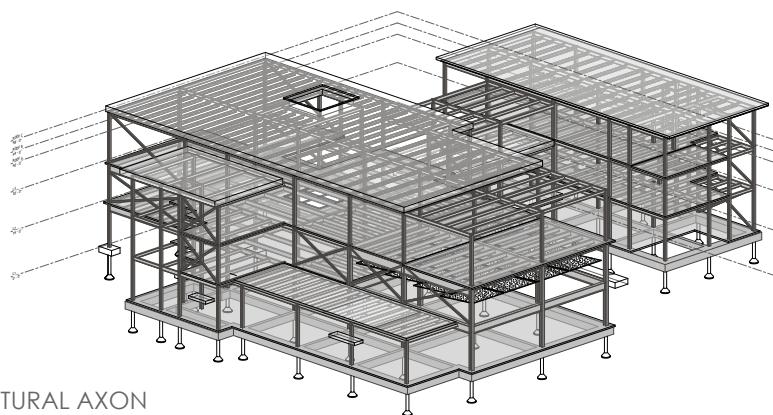
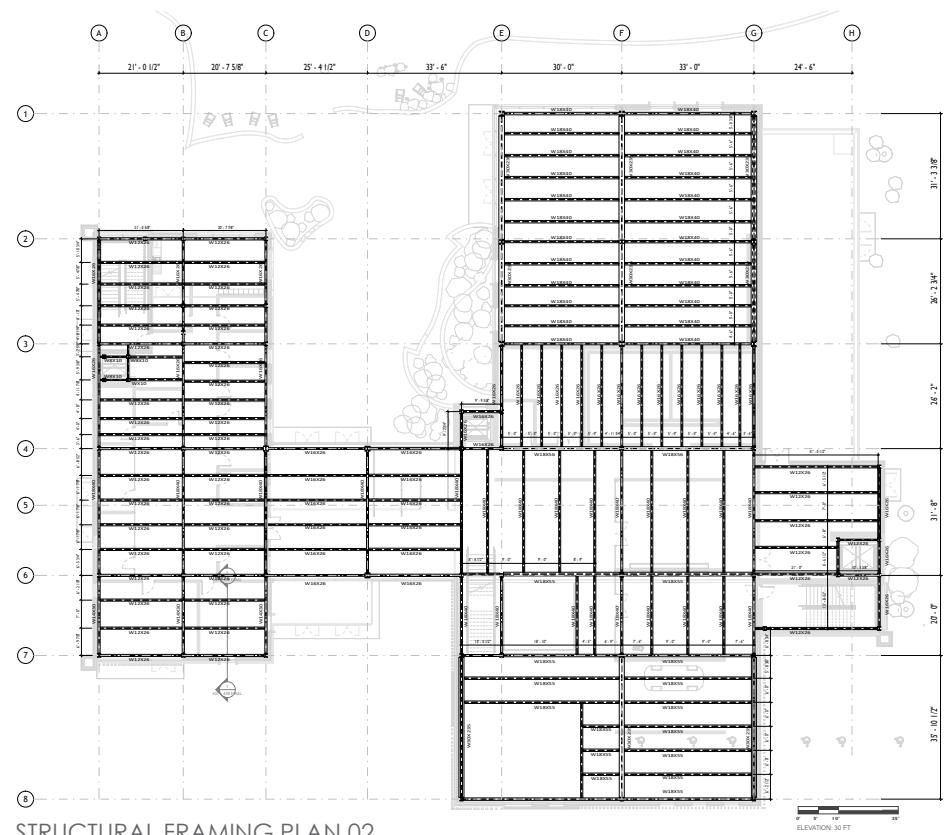
Drawing by Larane Orsak + Caroline Barry











STRUCTURAL AXON



## SECTION IV: ARCHITECTURE DESIGN III

### AESTHETICS OF DYSTOPIA

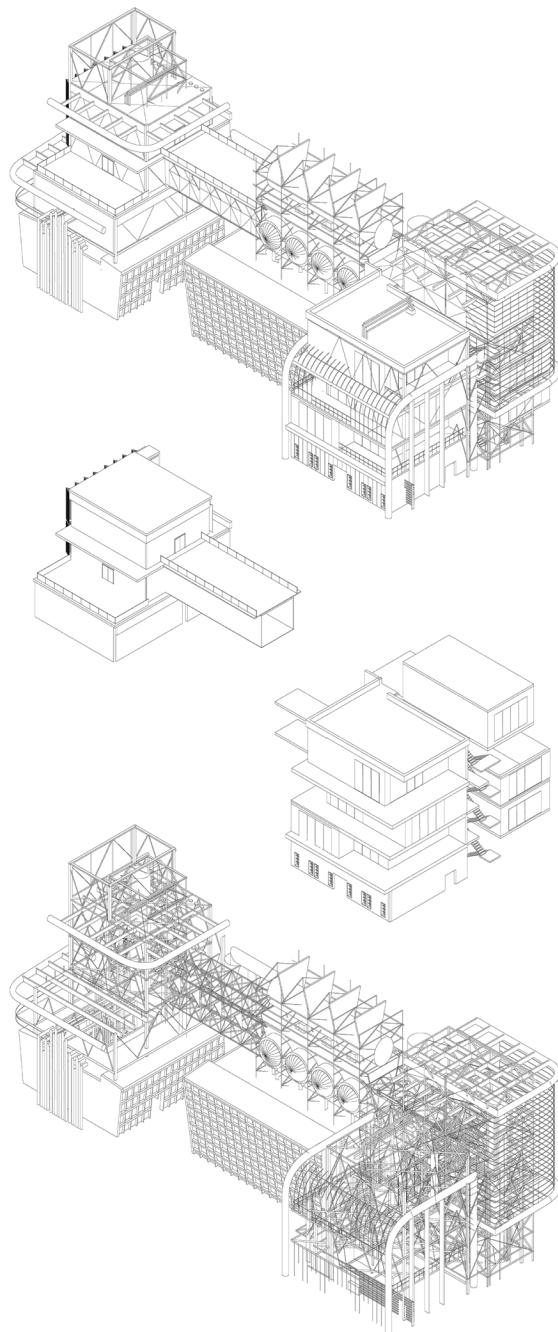
#### REVIVAL RECESS

Professor: Peter Massin | Fall 2023

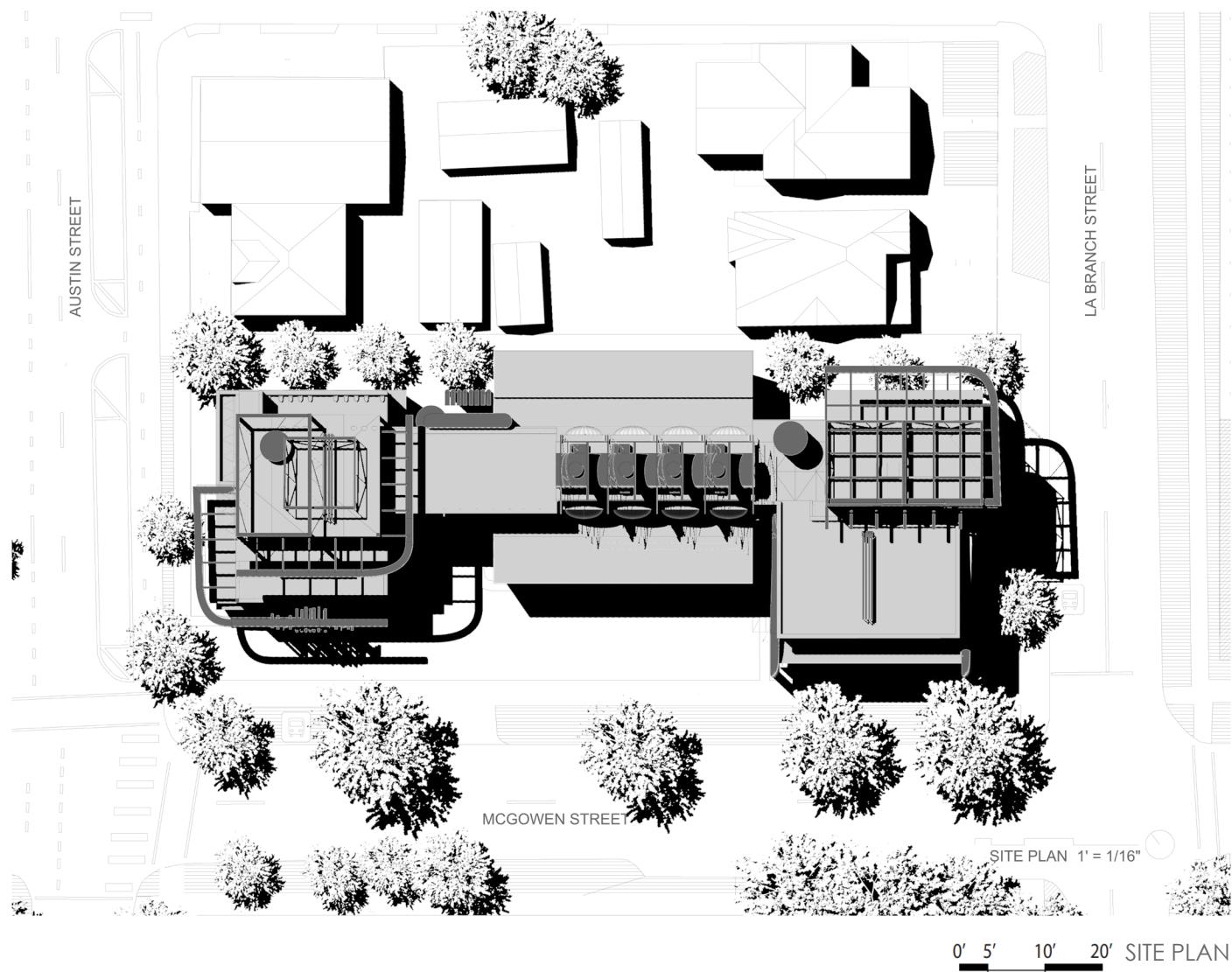
Texas A&M University

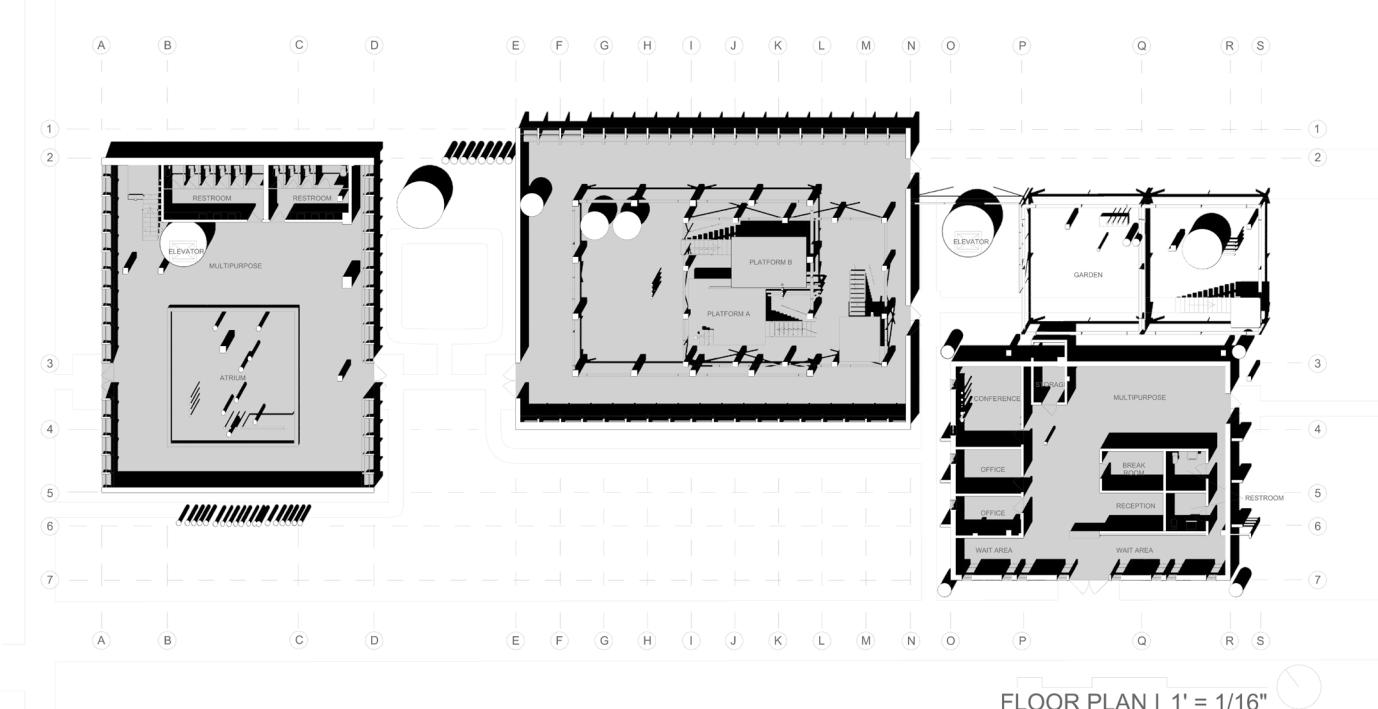
“Aesthetics of Dystopia” is an adaptive reuse project based in Houston, Texas. This project was meant to highlight dystopian aesthetics, while giving it new life. As society is looking to be more sustainable, industrial reuse is growing in popularity.

After inspecting the Invista Chemical Plant in Houston, I decided which fragments I would use in to make up my project. I chose fragments based on their size, shape, and what function I may be able to give them in the future. The site became a canvas, where the industrial fragments could be arranged. The fragments were placed by considering factors of accessibility and intended use, ensuring that the final project fits seamlessly into its surroundings. As the project takes shape, it not only repurposes the fragments, but breathes new life into them, preserving the legacy of the past while forging a path towards a sustainable and creative future.

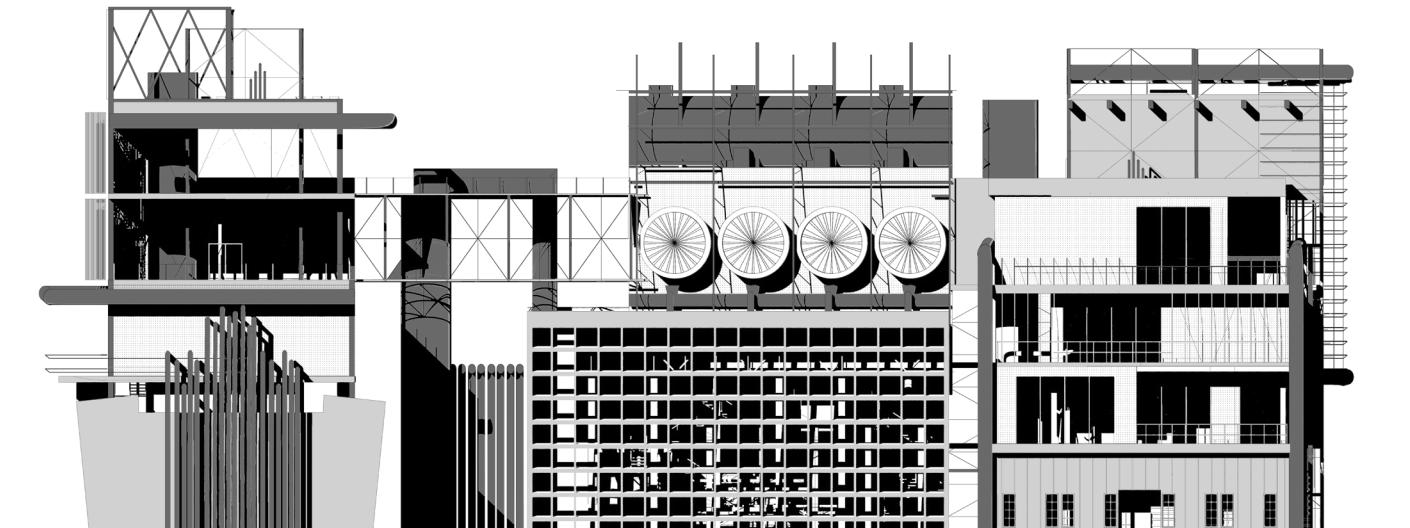


EXPANDED AXONOMETRIC

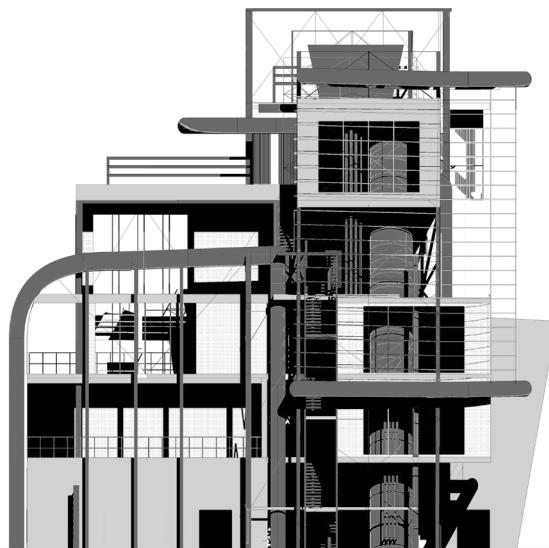




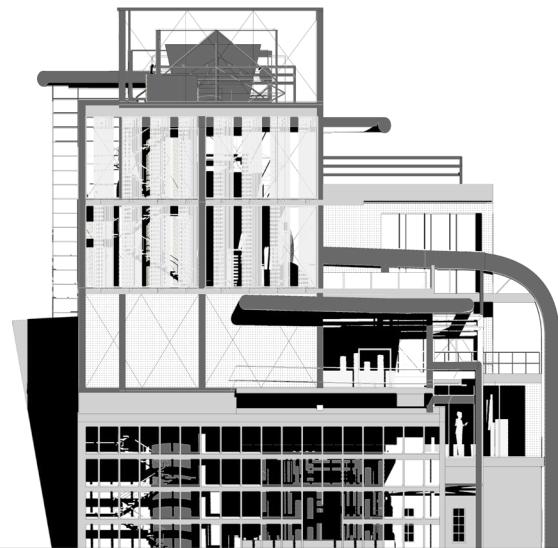
FLOOR PLAN I 1' = 1/16"



SW ELEVATION 1' = 1/16"



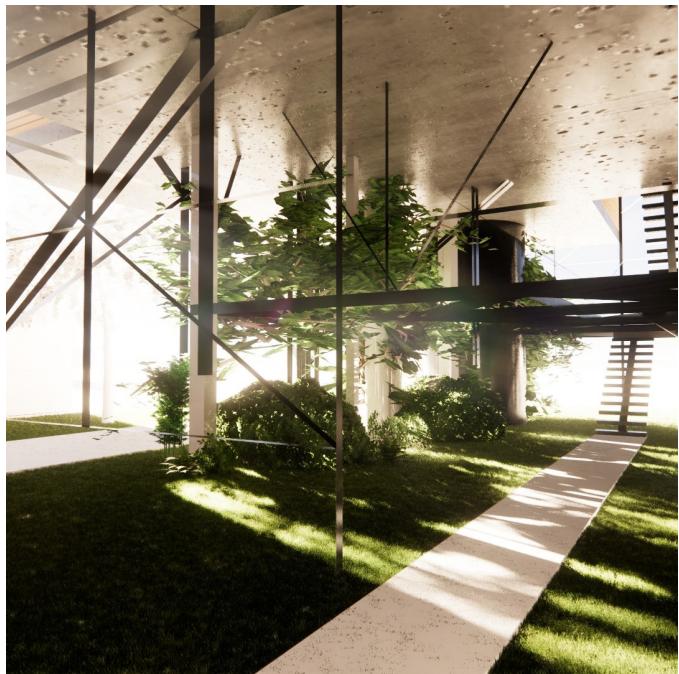
SE ELEVATION 1' = 1/16"



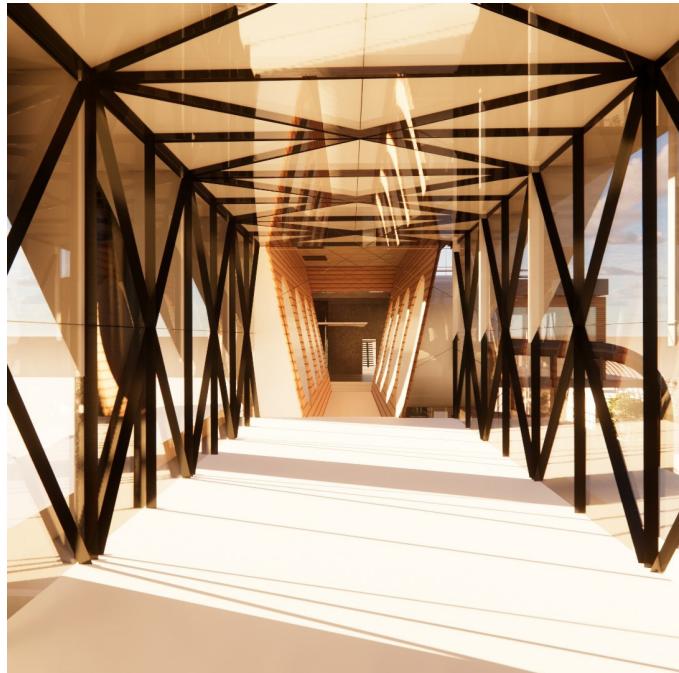
NW ELEVATION 1' = 1/16"



The materials of the building help highlight the distinction between existing and new structures. The “existing” materials, or the fragments repurposed from Invista Chemical Plant, are all steel. The goal was to keep imported structures evident throughout the design, so I highlighted those elements to make them stand out from the added infrastructure. Other materials used in the design were glass, which allowed to place further emphasis on the metal framework, concrete, and a variety of stucco finishes. Vines and other vegetation were planted to create the effect that this building will foster new life. Over time, the growth of the vegetation over the buildings facades symbolizes a host for opportunities, both new and old.



COVERED EXTERIOR COMMON SPACE



SKYWALK



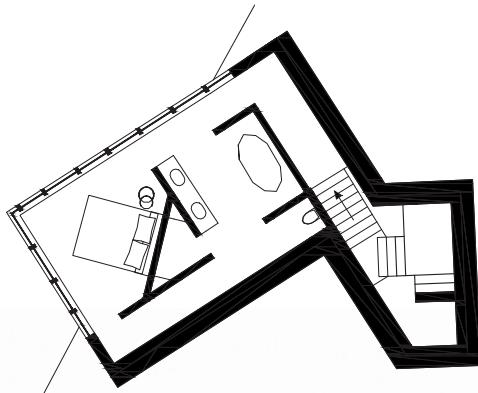
EXTERIOR 31

SECTION V: ARCHITECTURE DESIGN II  
MOTHERWELL INSPIRED HOUSE  
Professor: Robert Warden | Spring 2023  
Texas A&M University

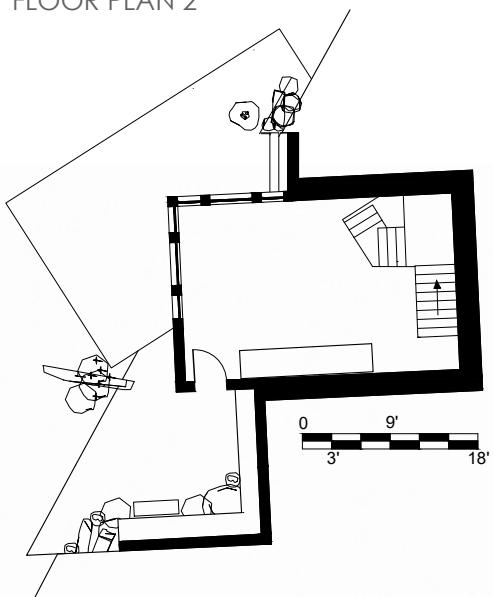
Nestled in the mountains of Wyoming, this project is based around principles and techniques of Robert Motherwell. He used variations of texture, color, repetitive gestures, and layering to describe emotions on a canvas. He believed physical limitations are restrictions. In his studio, he would often lay canvases on the floor when he started painting, and then move them around in the process, never having a origin of work physically set.

I focused on his ideas heavily throughout the entire design process. From his work, I developed a conceptual parti as follows: shape, connect and layer, then extrude. Emphasis is placed on contrasting elements found within the natural and built environments, such as jagged elements to natural curves, and colors found in nature versus bold coloration.

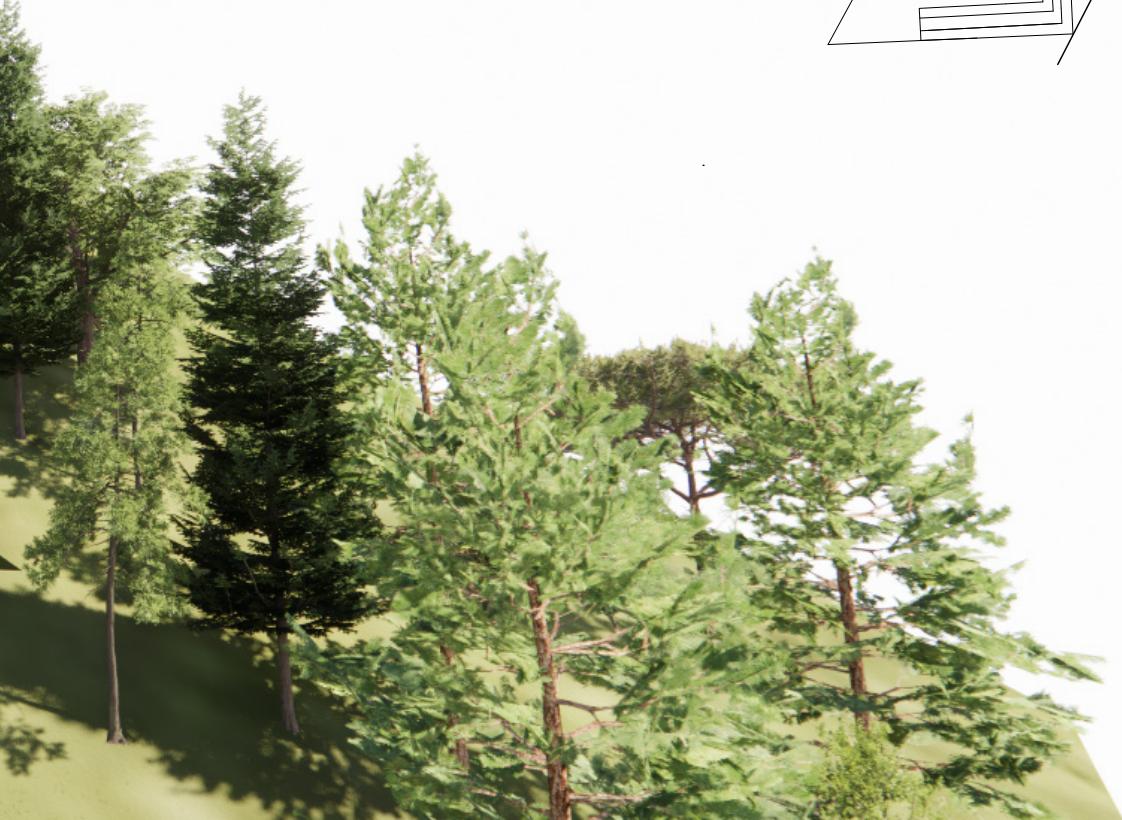
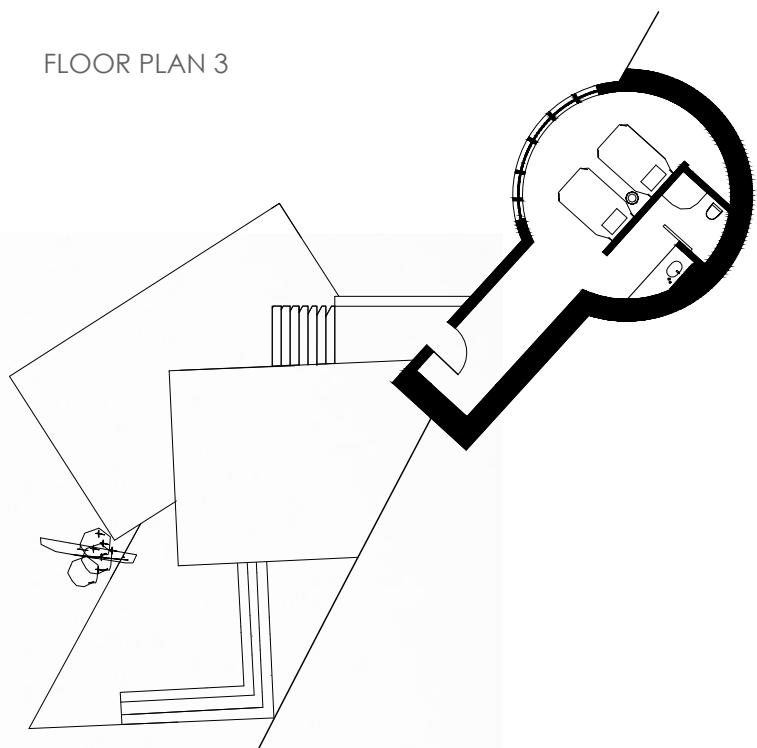
FLOOR PLAN 1

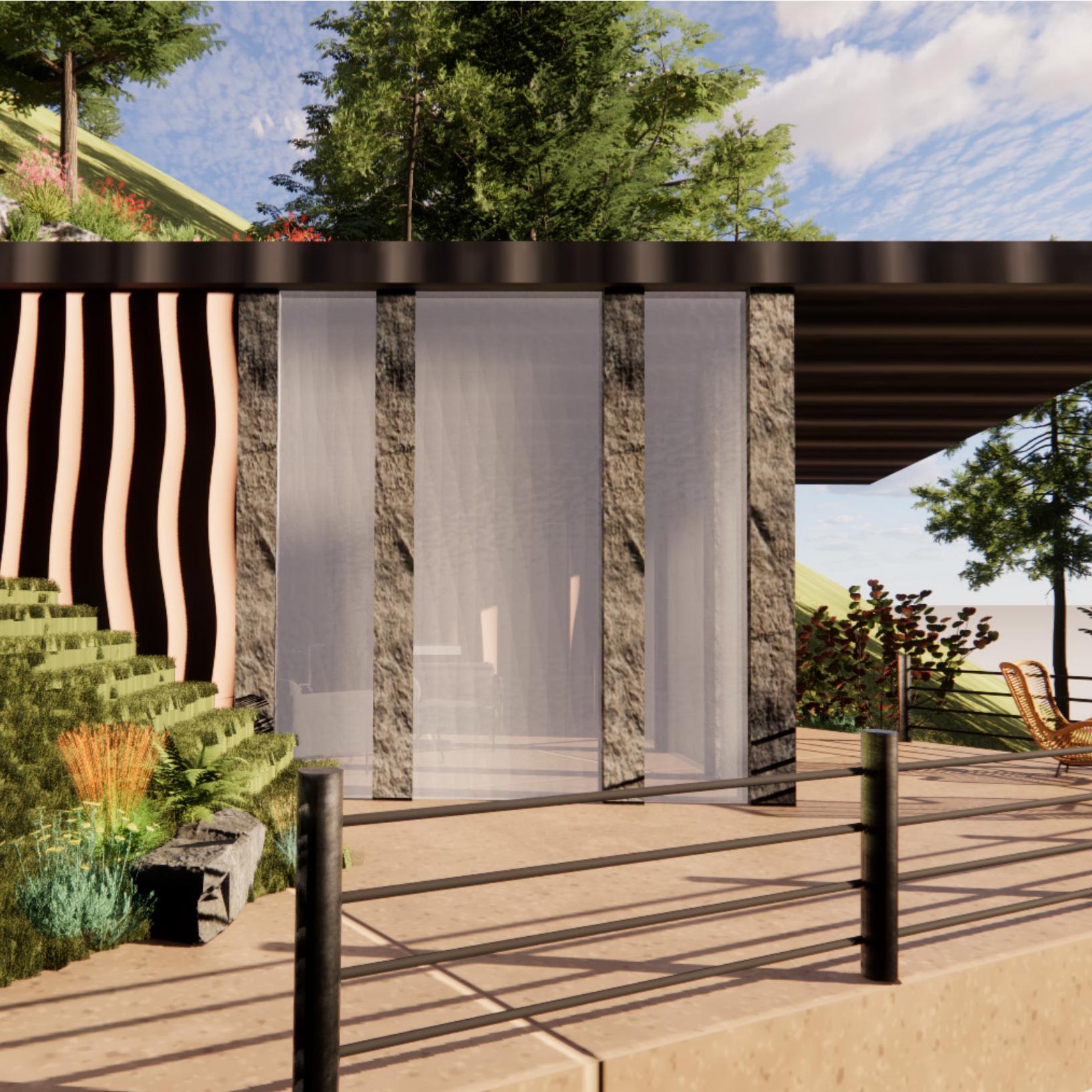


FLOOR PLAN 2

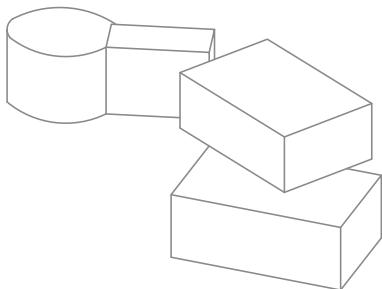
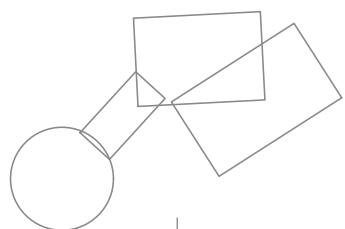
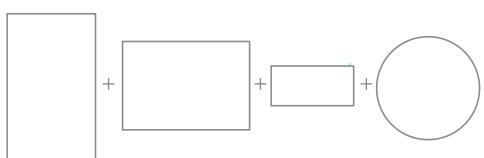


FLOOR PLAN 3

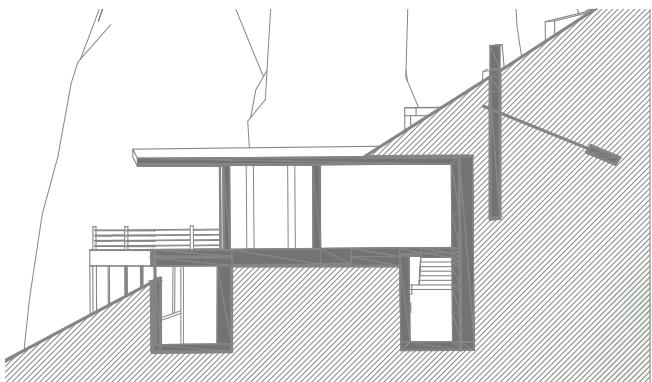




PARTI DIAGRAM



SECTION



SITE PLAN 5' 10' 20' 35'

