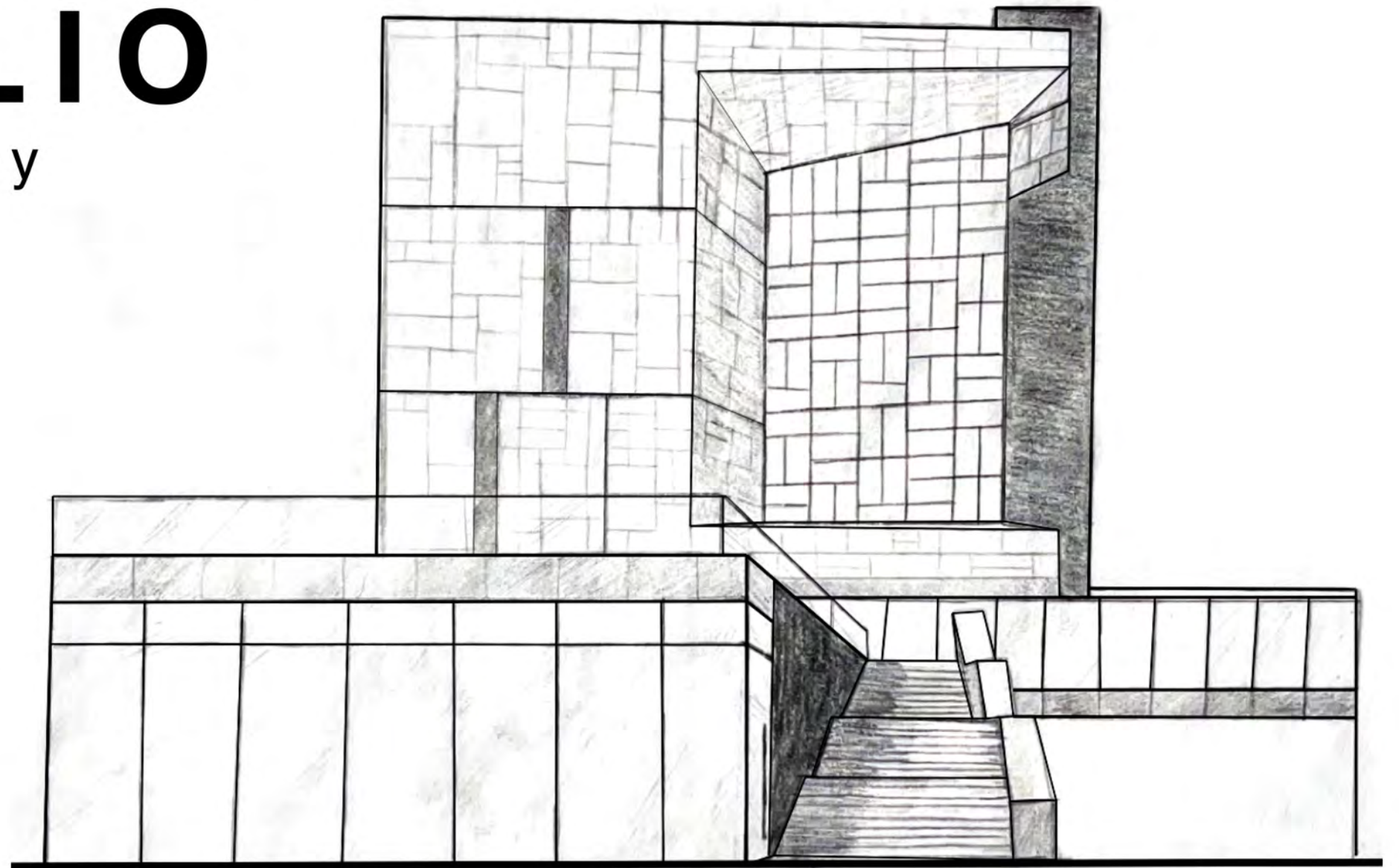


PORTFOLIO

Victoria McAnney



ABOUT ME



Hello, I'm Victoria McAnney! I'm a final year architecture student passionate about designing spaces that blend functionality, sustainability, and beauty. My approach to architecture is rooted in thoughtful research, innovative problem solving, and keen attention to detail, which is reflected in my portfolio.

Throughout my studies at the University of Maryland, I've explored diverse architectural concepts, from urban design to spatial relationships, and developed projects that emphasize user experience and environmental consciousness. My skills in Sketchup, Revit, and Adobe Creative Suite allow me to bring ideas to life, whether through conceptual sketches, detailed architectural drawings, or digital models.

As I look ahead, I'm eager to collaborate with design teams, applying my skills and expertise to innovative projects while continuing to grow as a designer.

CONTENT

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02. U Street Music Library	07
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EXTERIOR PERSPECTIVE

01 | **ASCENDING UNITY**

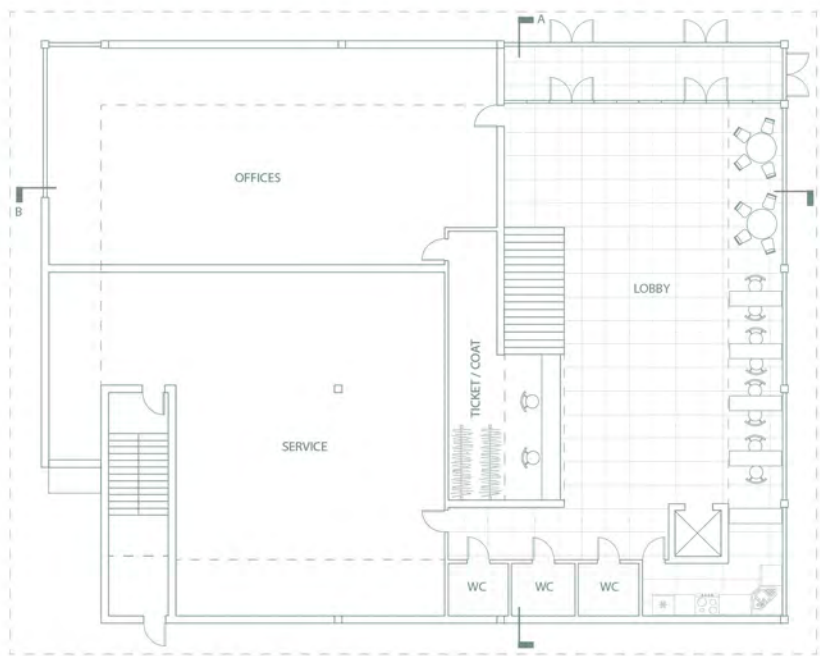
University of Maryland
ARCH402 / 5 week project
Professor Adam Ainslie
Digital media

Located at the vibrant intersection of H Street and 12TH Street NE in Washington DC, this civic building and plaza was designed as a new venue for the Storytelling District. The building promotes inclusivity and accessibility through the use of a ramp system that wraps the exterior of the building to create a rich architectural promenade that can be enjoyed by any and everyone who visits. Promenade ends on the top floor of the facility, which is a space designed to be used for a multitude of storytelling events and gatherings. The glass and polycarbonate facade allows for views from the building to the plaza and the rest of H Street, fostering connections between the building and its surroundings, uniting them as one.

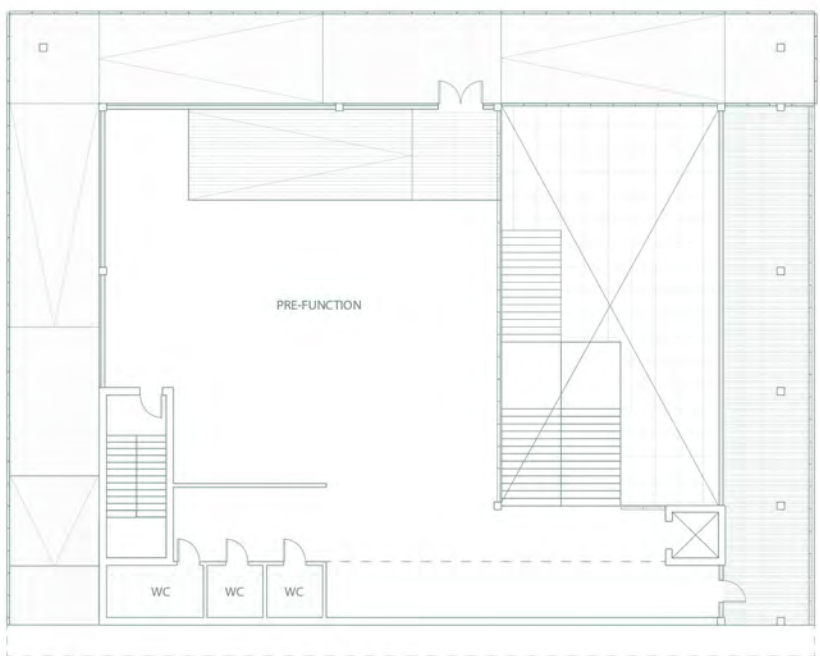


H STREET ELEVATION

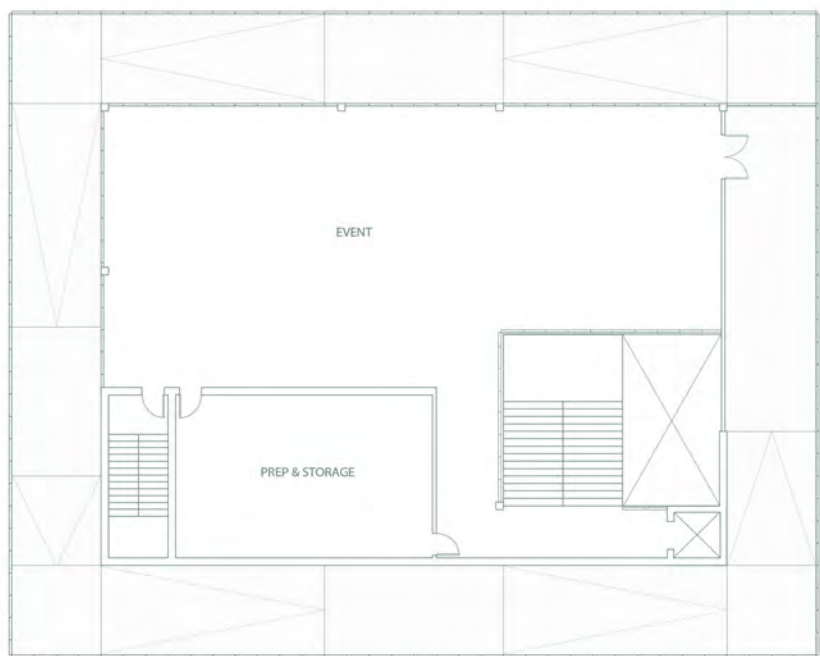
01 | **ASCENDING UNITY**



GROUND FLOOR ①



2ND FLOOR



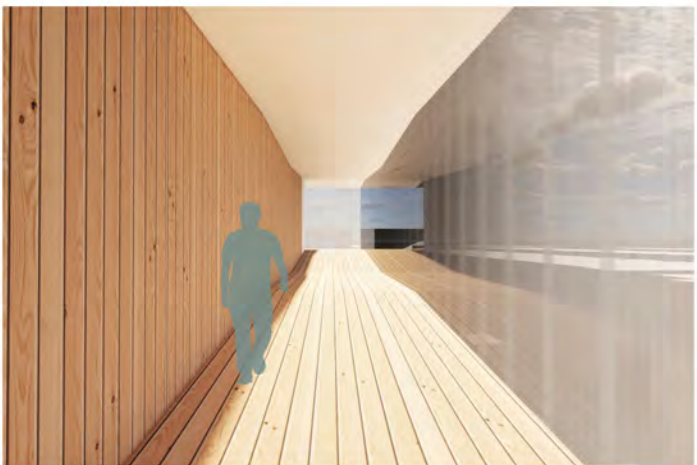
3RD FLOOR



OUTDOOR SPACE PERSPECTIVE



PRE-FUNCTION SPACE PERSPECTIVE



RAMP PERSPECTIVE



EVENT SPACE PERSPECTIVE

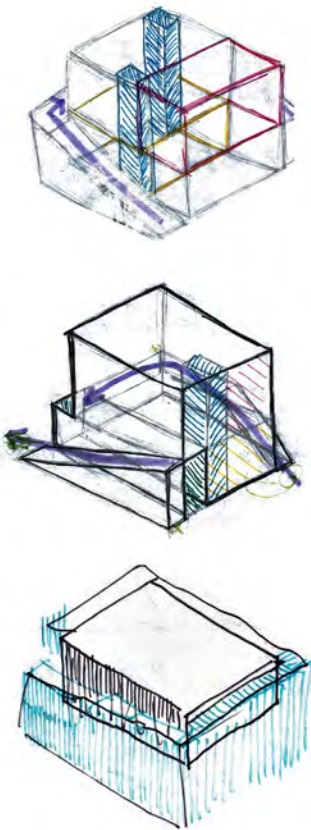
01 | **ASCENDING UNITY**



EXTERIOR PERSPECTIVE



SITE AXONOMETRIC

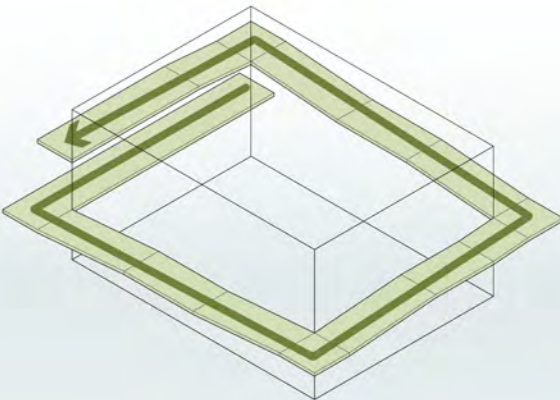


PROCESS WORK

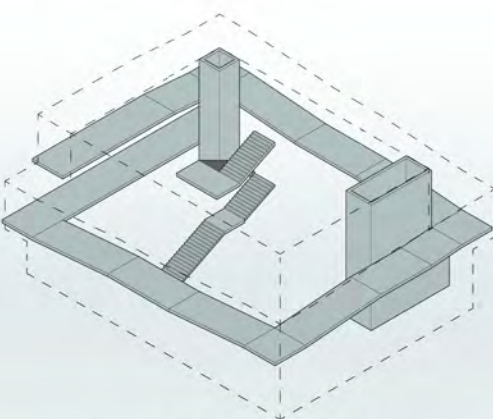


SITE PLAN ①

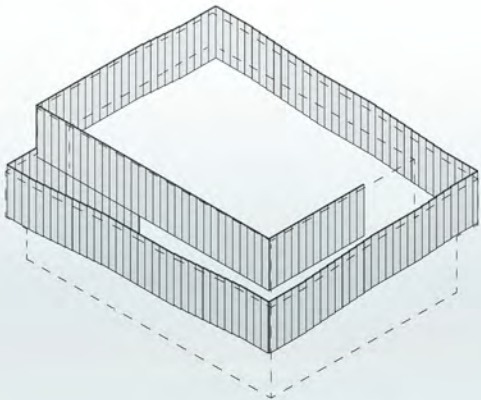
01 | **ASCENDING UNITY**



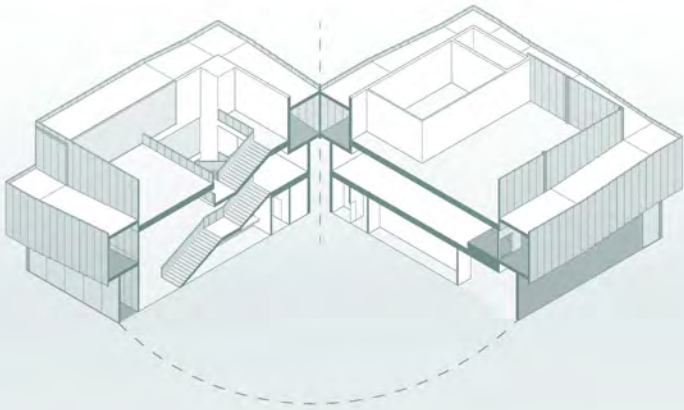
PART I



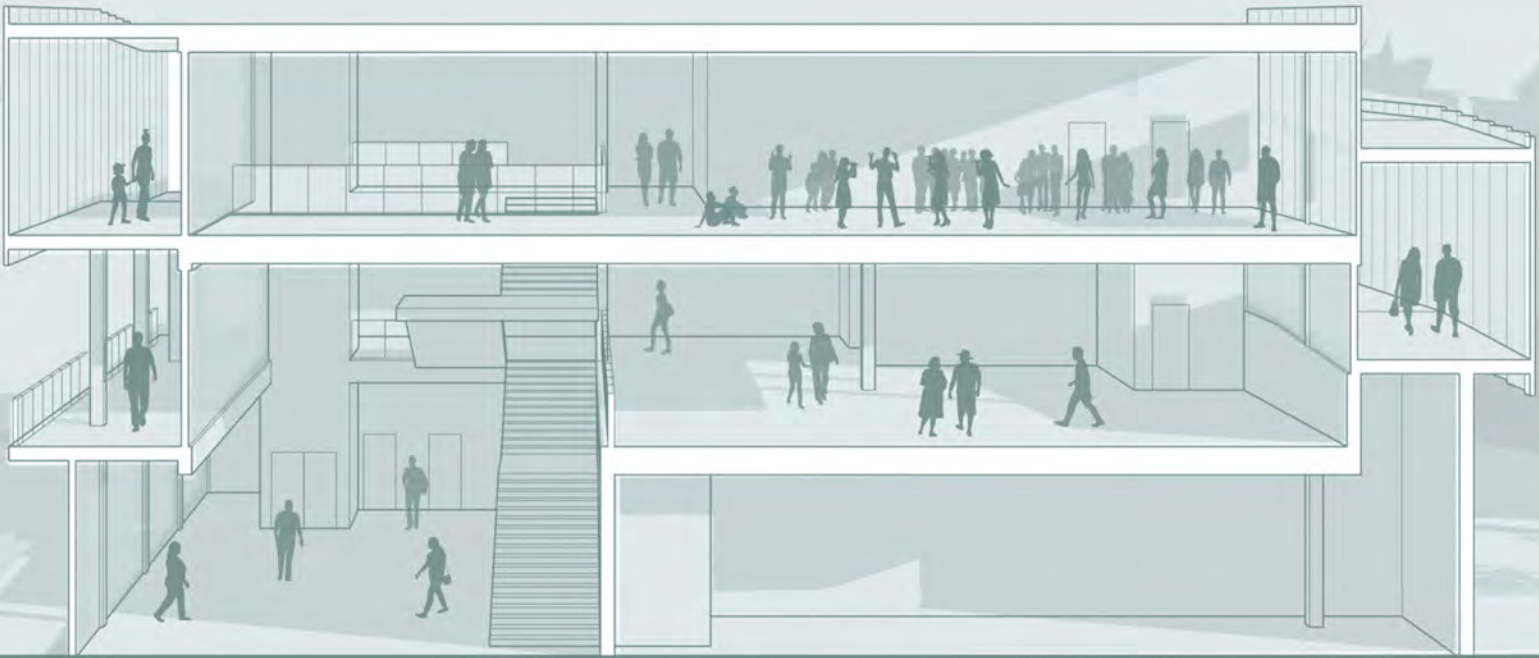
VERTICAL CIRCULATION



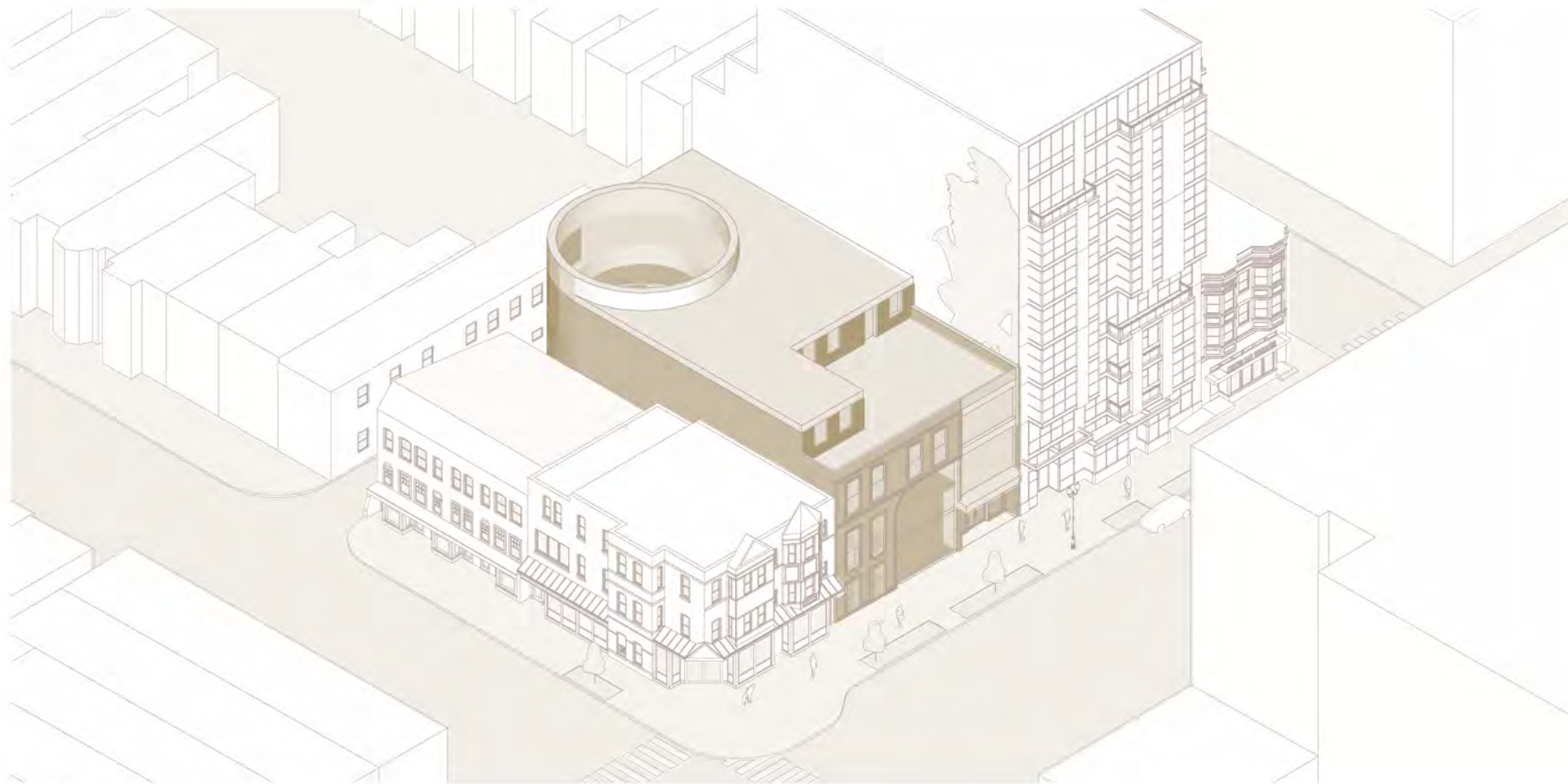
WRAP SYSTEM



HINGED AXON



BUILDING SECTION B



SITE AXONOMETRIC

02 | **U STREET MUSIC LIBRARY**

University of Maryland

ARCH401 / 7 week project

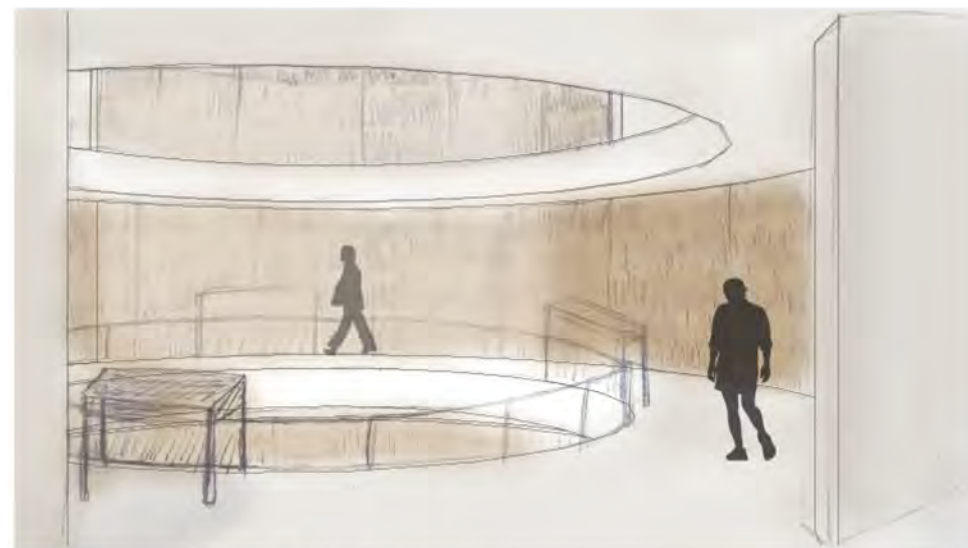
Professor Adan Ramos

Digital and hand crafted media

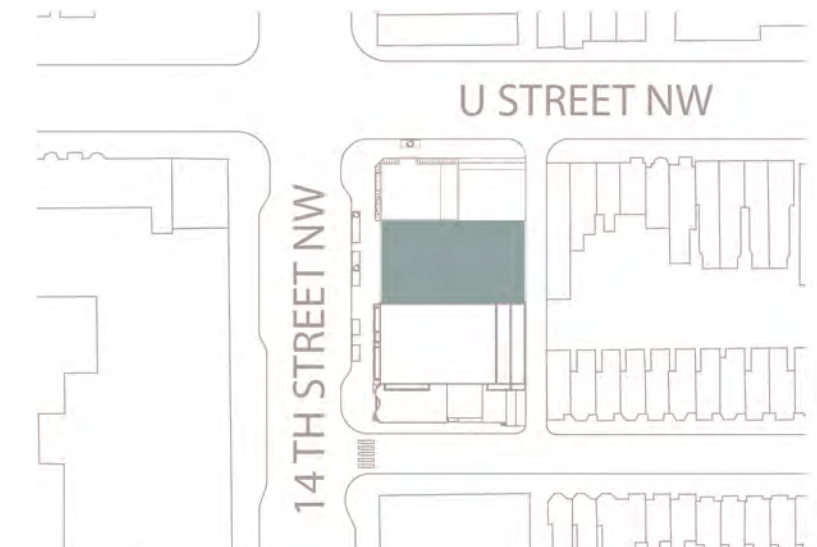
In this seven week project, principles of procession and space making, functional organization, climate design, and room and façade design, were explored in an urban context. In depth site analysis led to the development of a design conscious of U Street's culture and history. The main concept of this design centers around a cone shaped reading room extending up 3 stories, with balconies on the top 2 floors, allowing for natural light from the skylight and views of the main space from each floor.



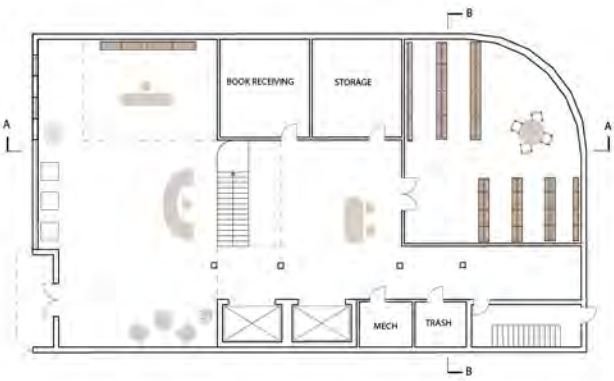
SECOND FLOOR PERSPECTIVE



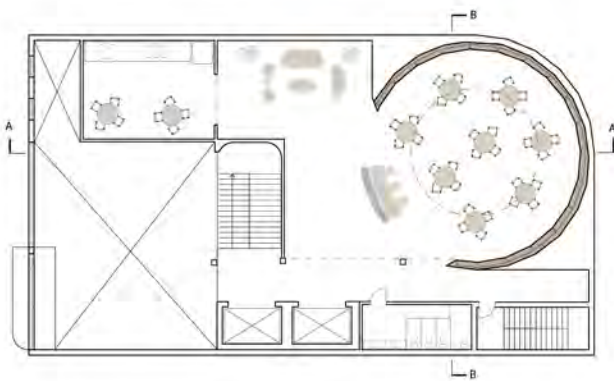
THIRD FLOOR PERSPECTIVE



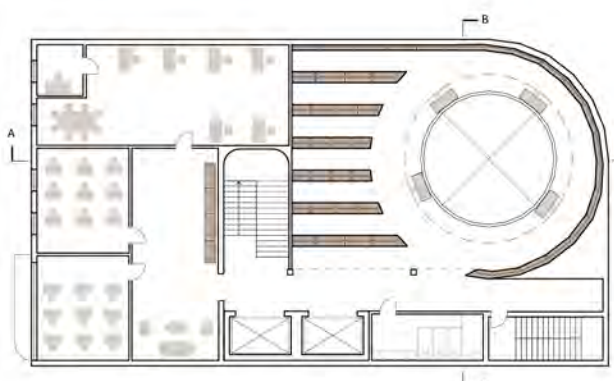
SITE PLAN ①



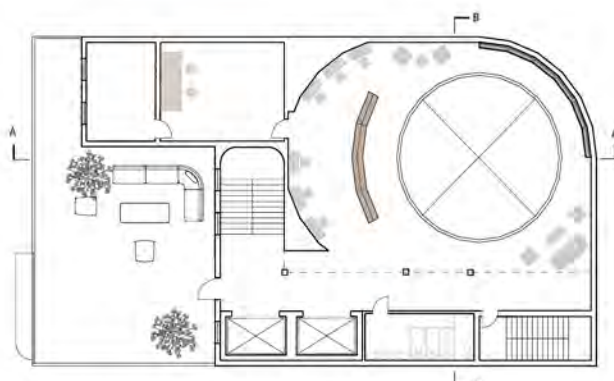
FIRST FLOOR PLAN



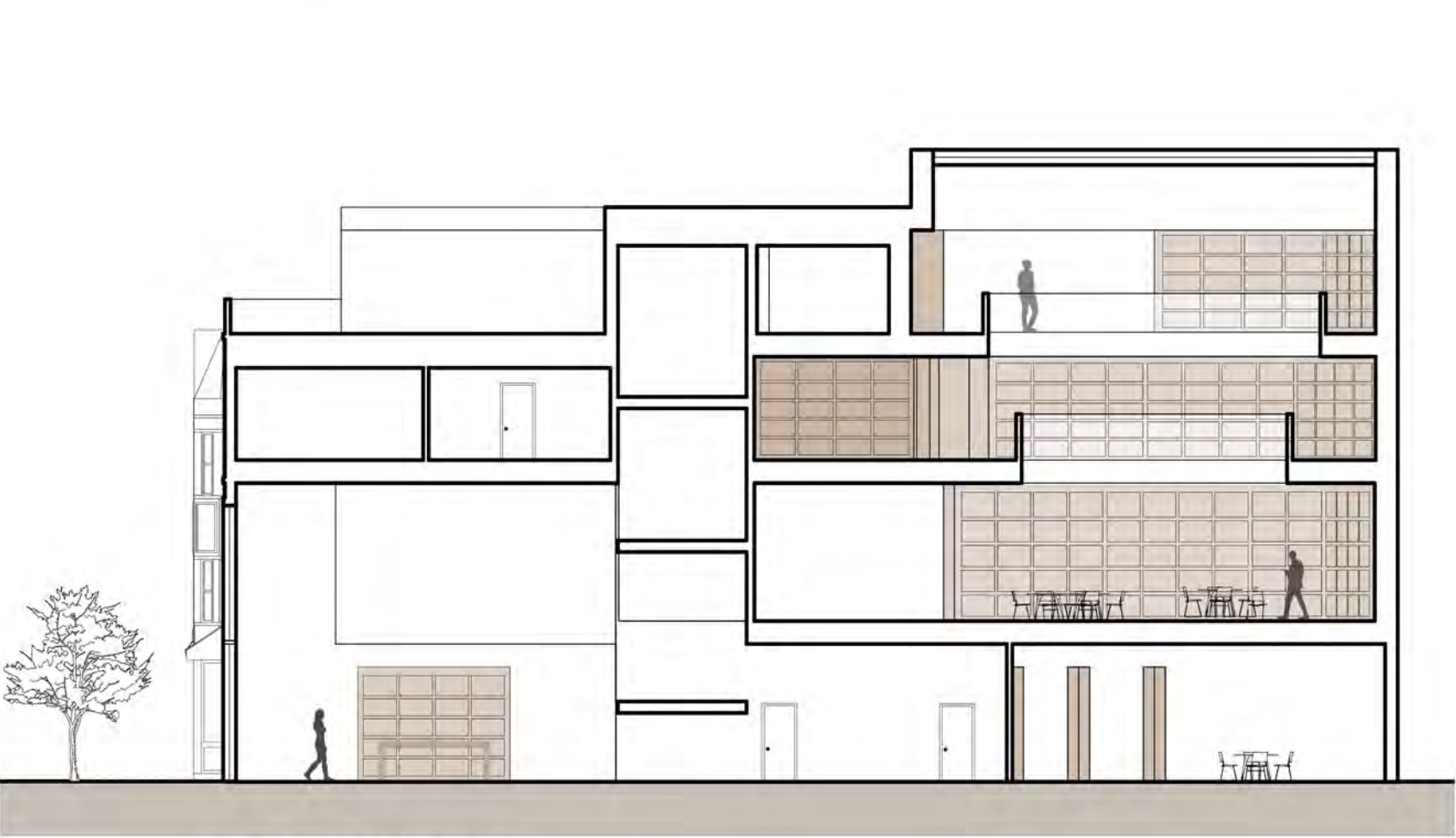
SECOND FLOOR PLAN



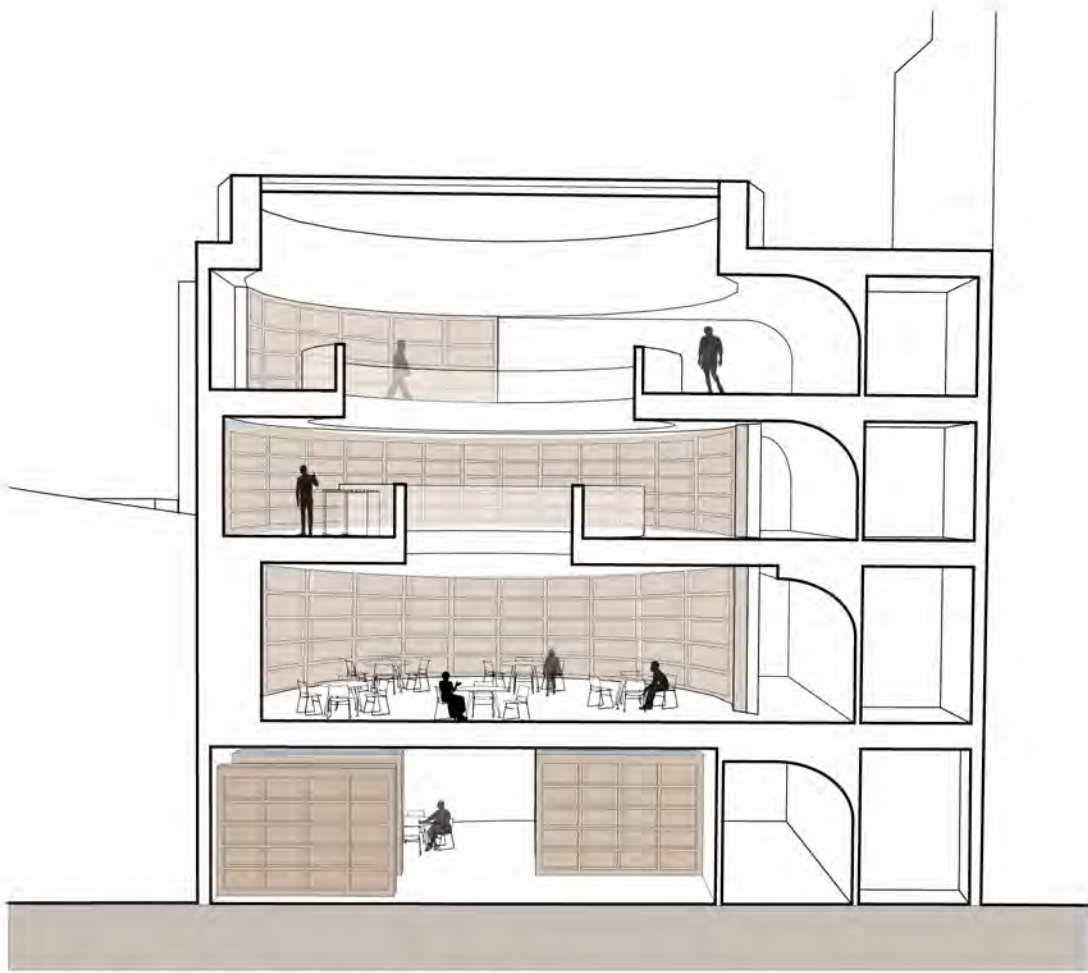
THIRD FLOOR PLAN



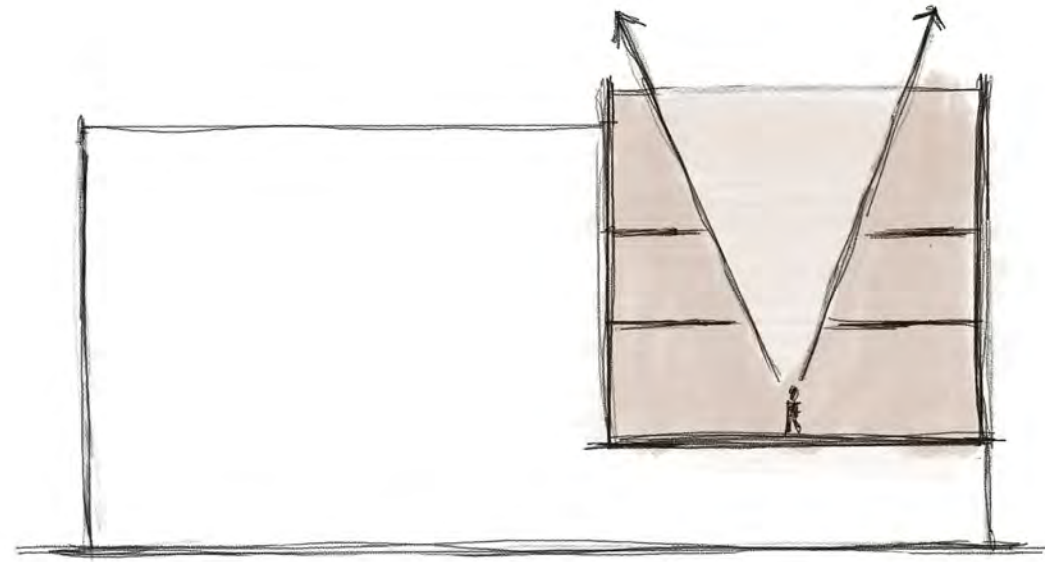
FOURTH FLOOR PLAN



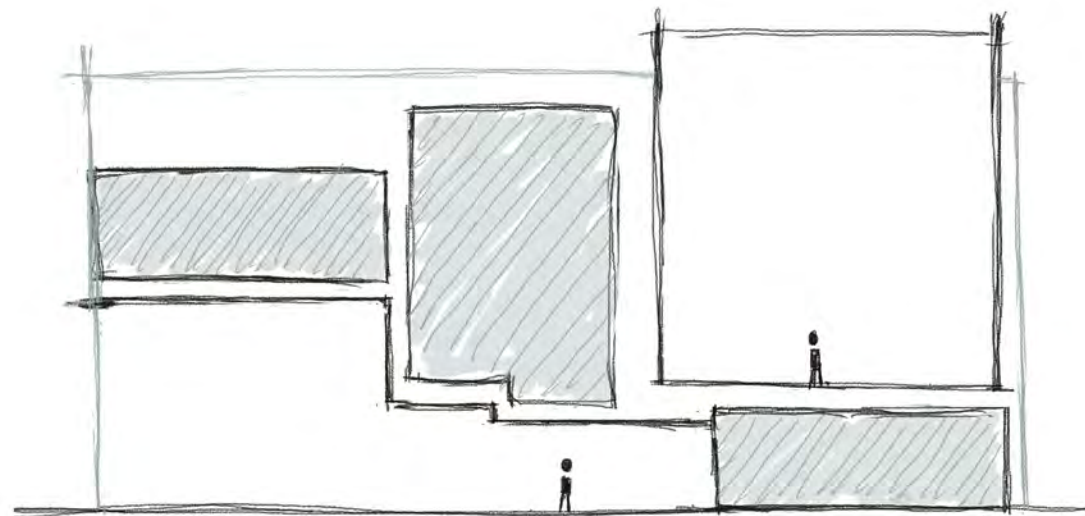
BUILDING SECTION A



SECTION B PERSPECTIVE



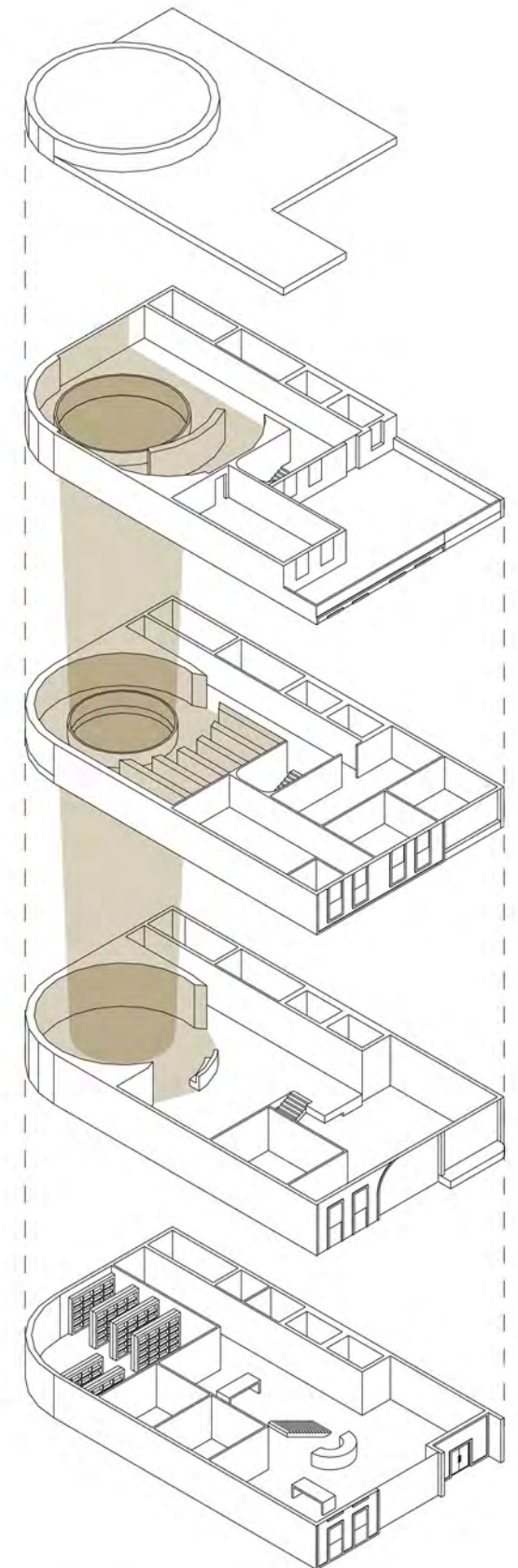
SUNLIGHT DIAGRAM



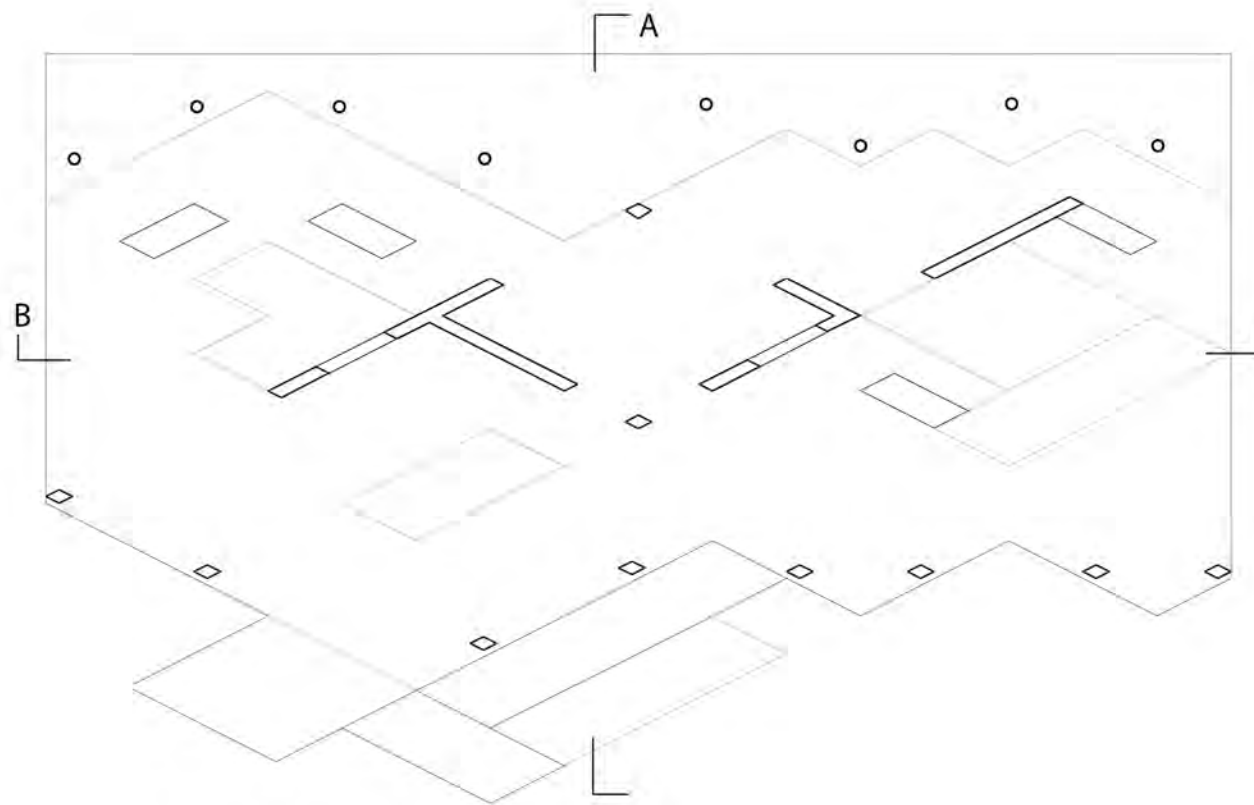
BUFFER SPACES DIAGRAM



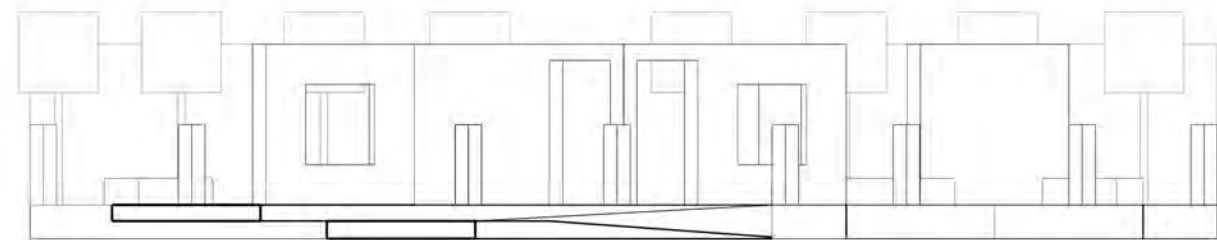
PHYSICAL MODEL



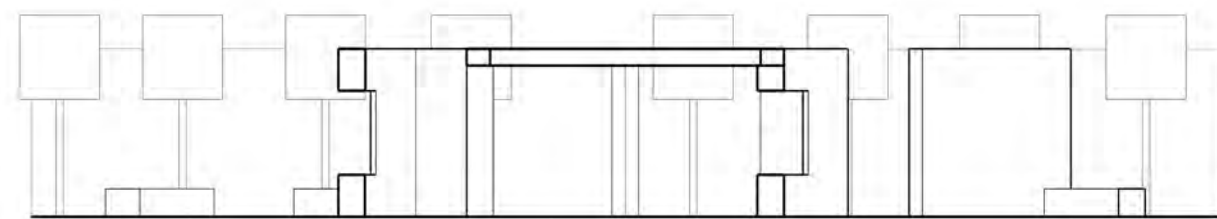
EXPLODED AXON DIAGRAM



PLAN ①



SOUTH ELEVATION



SECTION B

03 | **HARBOR PLAZA**

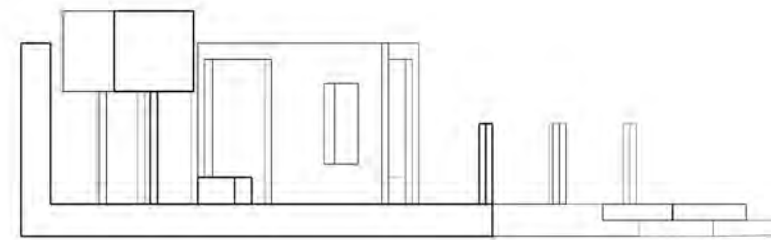
University of Maryland

ARCH400 / 4 weeks

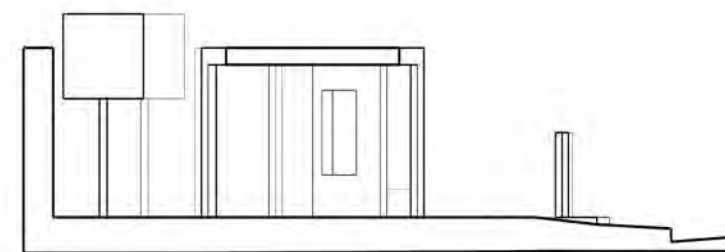
Professor Adam Ainslie

Digital and hand crafted media

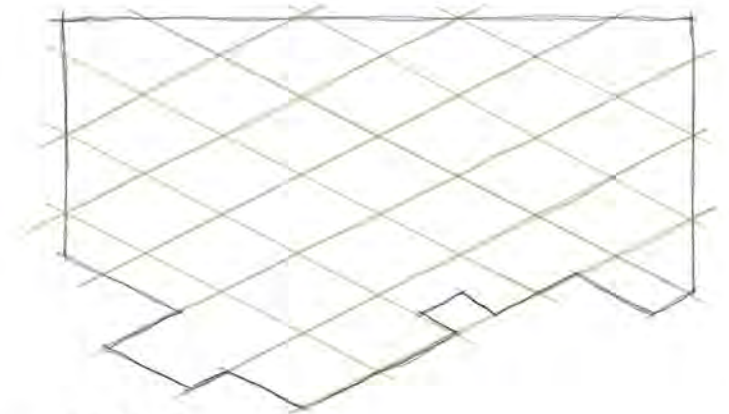
This project focuses on the design of a civic plaza along a waterfront, serving as a space for gathering, contemplation, respite and celebration. The design is defined by a disrupted center axis, with elements surrounding it following a strict diagrid. Architectural features, such as walls and an overhead plane, align with the central axis of the diagrid, while the landscaping, waterfront edge, and pier establish the perimeter, integrating the space with its surroundings.



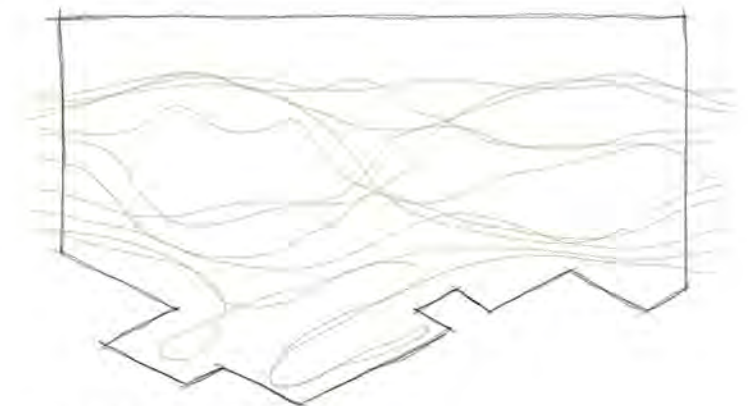
WEST ELEVATION



SECTION A

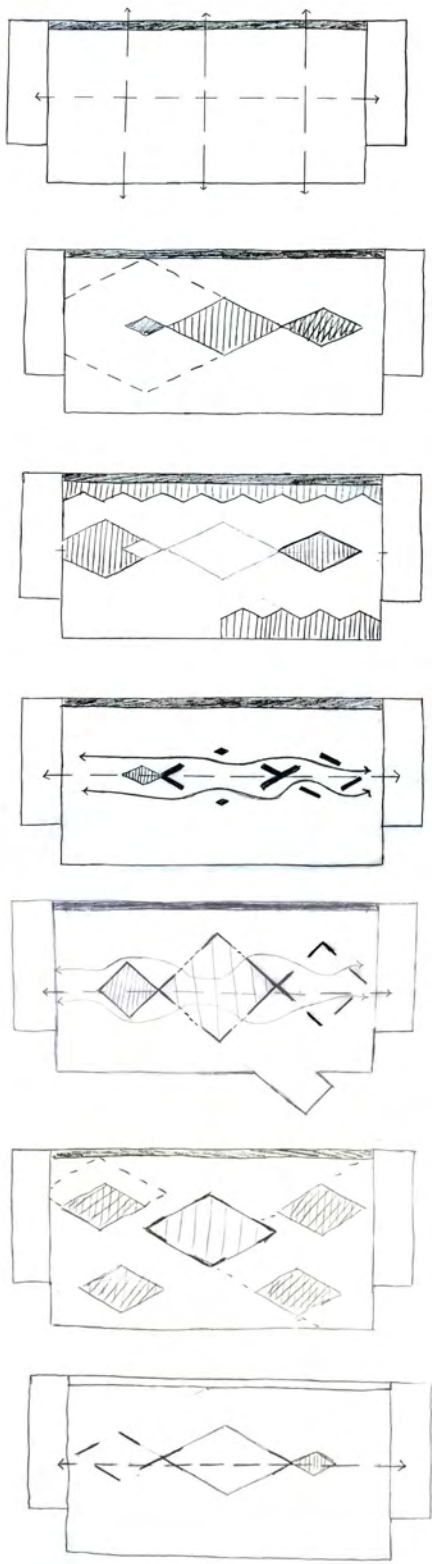


DIAGRID



CIRCULATION

03 | HARBOR PLAZA



CONCEPT SKETCHES



PHYSICAL MODEL



PHYSICAL MODEL



PERSPECTIVE



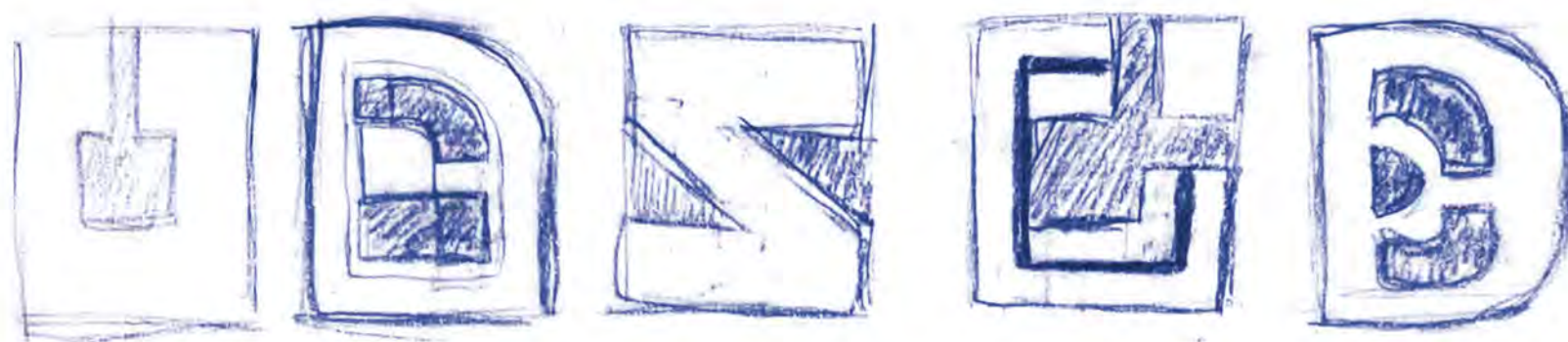
PERSPECTIVE



PERSPECTIVE



SITE AXON



CONCEPT SKETCHES

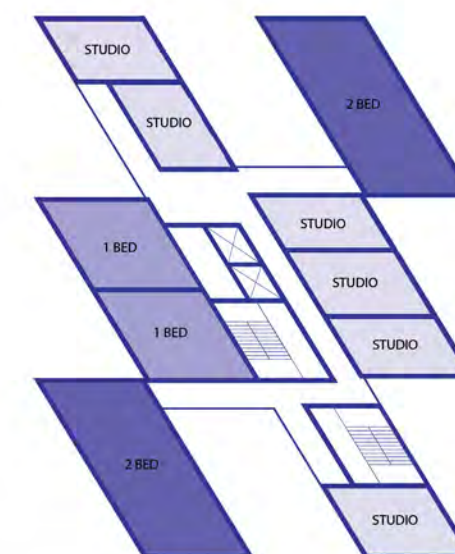
05 | **OBLIQUE APARTMENTS**

University of Maryland
ARCH402 / 5 week project
Professor Adam Ainslie
Digital media

Nestled at the vibrant intersection of H Street and 12TH Street NE in Washington DC, this multi-family residential apartment complex seeks to maximize solar access, while also creating a dynamic visual presence. The design of this building consists of strong 30 degree angles and stepped floors, optimal for sun exposure on the rear of the apartment complex, to ensure each unit enjoys unobstructed access to sunlight. Situated at a prominent corner, the building offers ground level retail on H Street, and connection to the residential neighborhood along 12TH Street. The unique geometry of the building provides visual interest that not only captivates the attention of pedestrians, but offers residents ample sunlight and quirky, inviting living spaces.

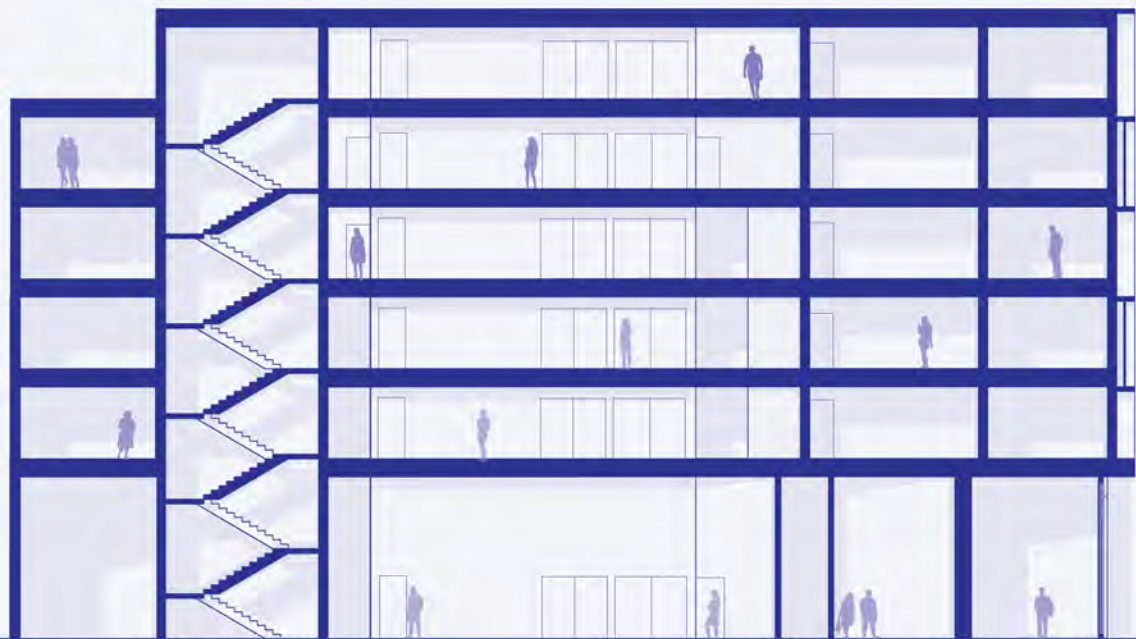


SITE PLAN ⌚

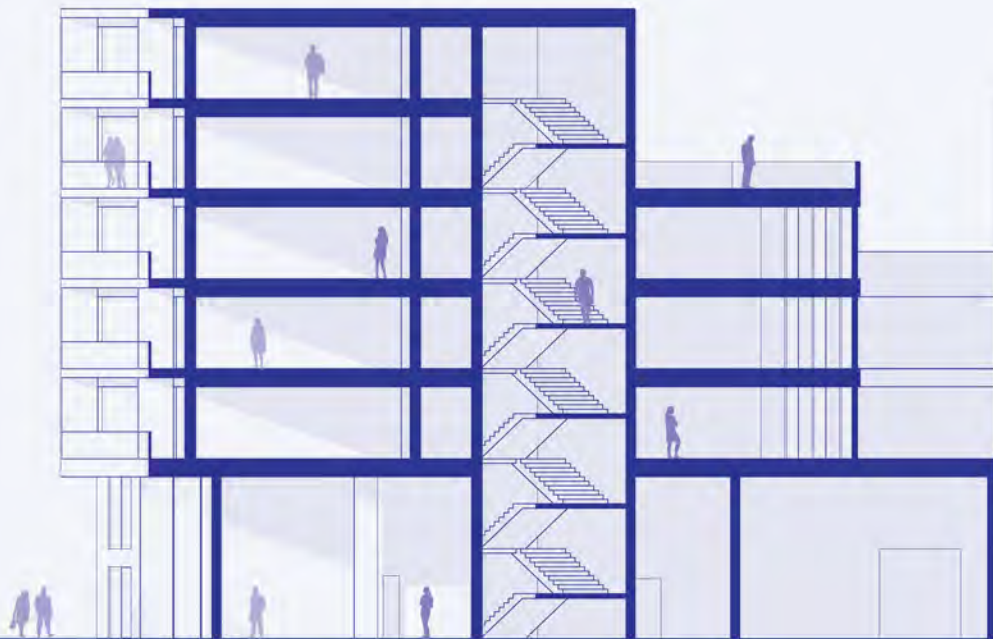


APT. ARRANGEMENT

05 | **OBLIQUE APARTMENTS**



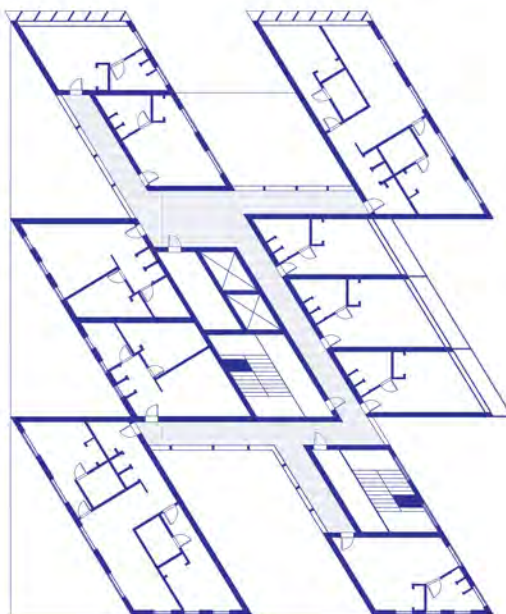
BUILDING SECTION A



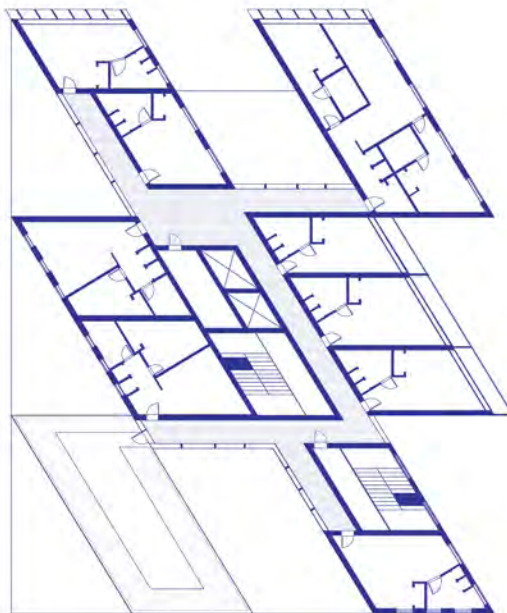
BUILDING SECTION B



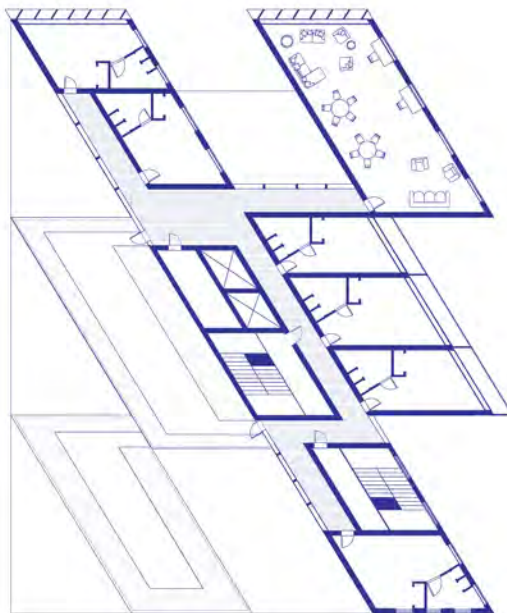
GROUND FLOOR PLAN



1ST & 2ND FLOOR PLAN



3RD FLOOR PLAN



4TH & 5TH FLOOR PLAN

05 | OBLIQUE APARTMENTS



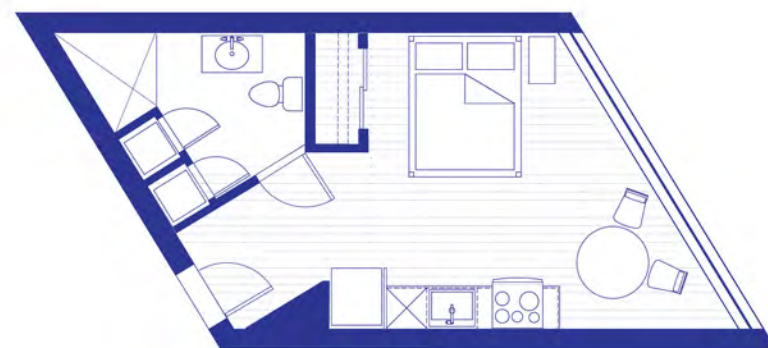
STUDIO APARTMENT PERSPECTIVE



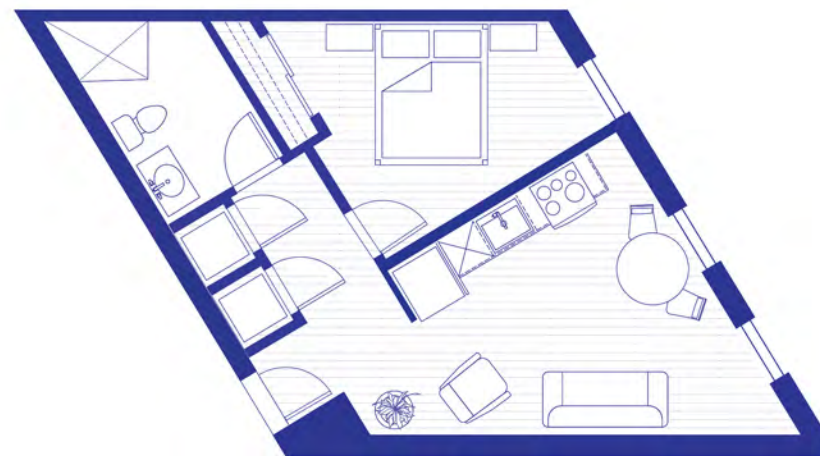
LOBBY PERSPECTIVE



COMMUNITY ROOM PERSPECTIVE



STUDIO PLAN



1 BEDROOM PLAN



2 BEDROOM PLAN

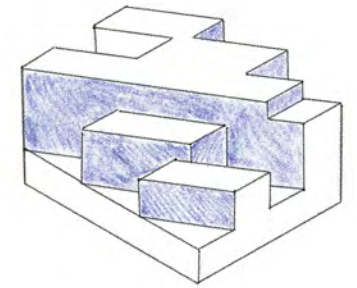
05 | OBLIQUE APARTMENTS



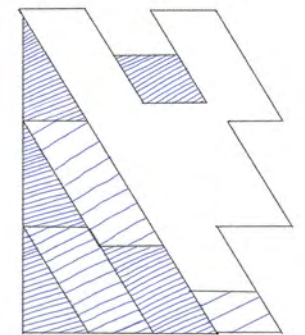
EXTERIOR PERSPECTIVE



DECK PERSPECTIVE



PUSH/PULL DIAGRAM



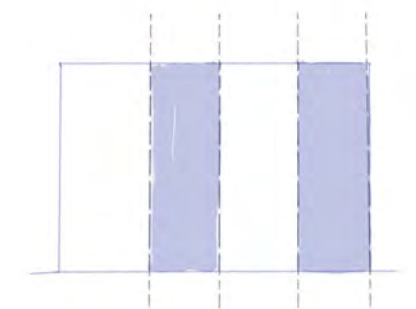
STEPS DIAGRAM



EAST ELEVATION IN CONTEXT - 12TH STREET



NORTH ELEVATION IN CONTEXT - H STREET



FACES VS SIDES
DIAGRAM



SITE PLAN ①

06 | **RECLAIMED GROUNDS: THE LEARNING BARN**

University of Maryland

ARCH403 / 7 week project

Professor Brandon Lipman

Digital media

Jason Abramowitz Design Award & Monocacy National Battlefield Foundation Prize finalist

Reclaimed Grounds, located adjacent to the Monocacy National Battlefield, reorients visitors from the history of the Civil War to the history of the site as agricultural land. To achieve this goal, the design intervention makes very little impact on the existing trees and topography. The memorial garden and paths cut through cultivated agricultural land, which imitates the patchwork appearance of farmland, and allows visitors to connect with the storied history of agriculture in the surrounding area.

Situated on a ridge overlooking the battlefield, The Learning Barn serves as an education and administration center for the site, accompanying the memorial garden, amphitheater, and visitor center. The building's form echoes that of a classic barn and mimics the other building on the site. The Learning Barn is host to a large event space, auditorium, classrooms, and offices, and offers expansive views of the adjacent cultivated fields garden and the battlefield beyond.



EXTERIOR PERSPECTIVE

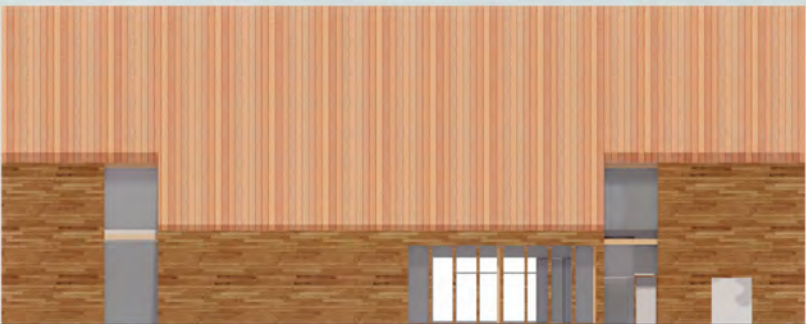
06 | RECLAIMED GROUNDS: THE LEARNING BARN



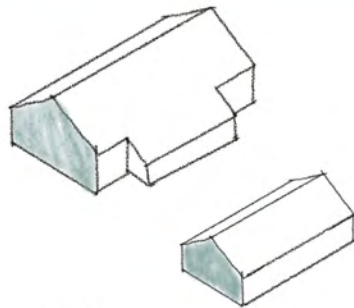
NORTH ELEVATION



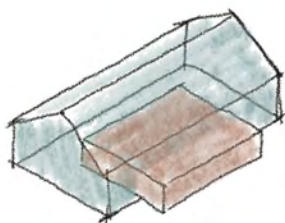
EAST ELEVATION



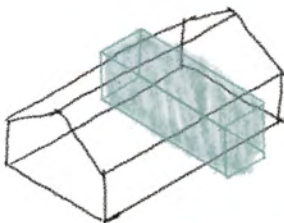
SOUTH ELEVATION



PARTI



VOLUMES



RELATIONSHIP TO OUTSIDE



LOBBY



EVENT SPACE



BREAKOUT SPACE



CLASSROOM

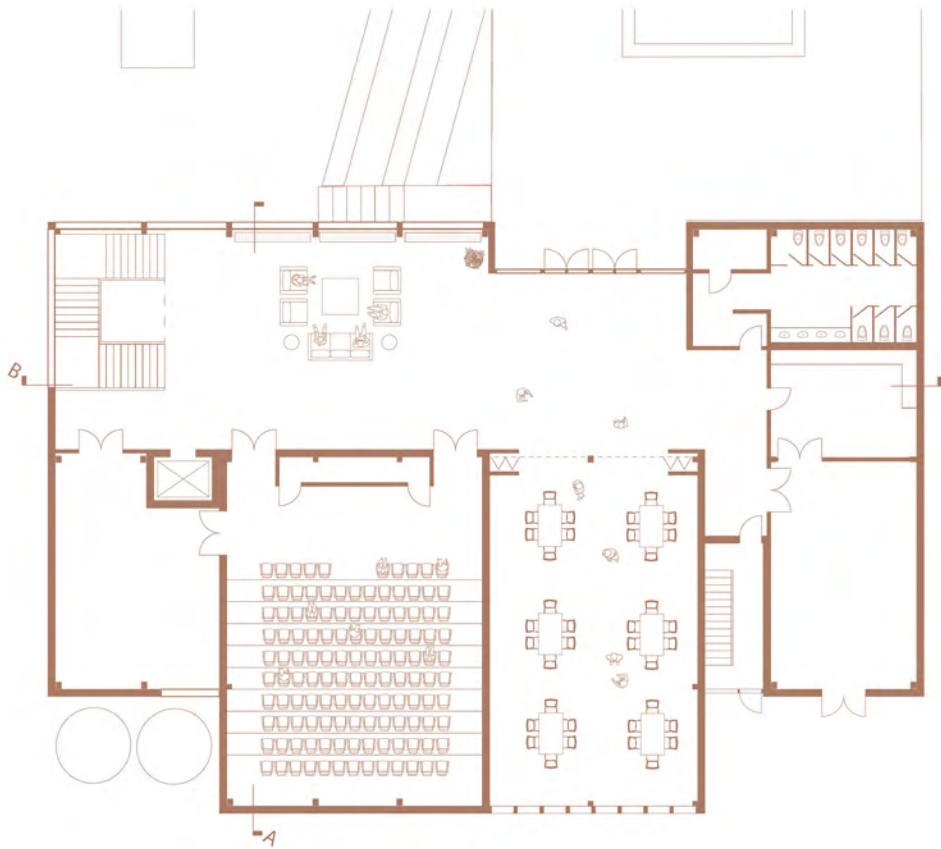
06 | RECLAIMED GROUNDS: THE LEARNING BARN



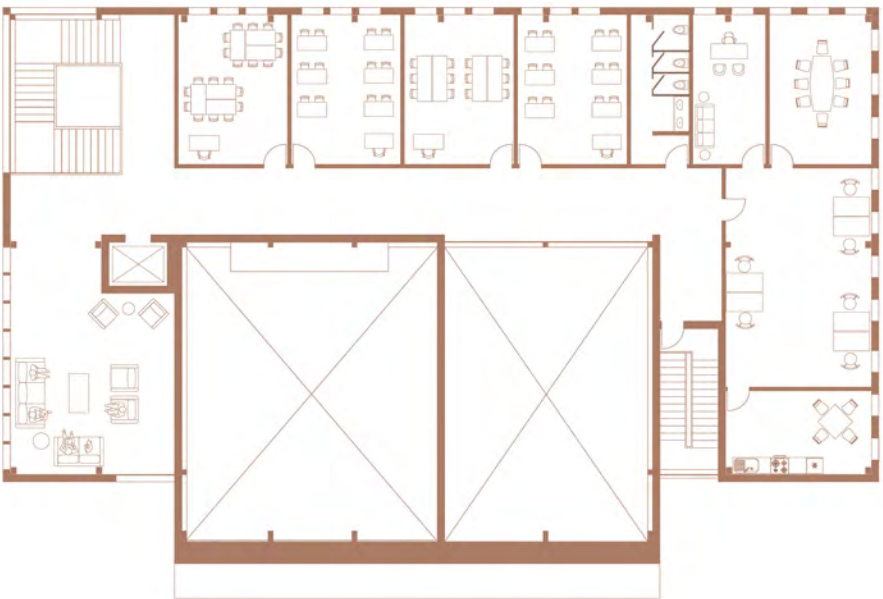
SECTION A



SECTION B



GROUND FLOOR



SECOND FLOOR

06 | RECLAIMED GROUNDS: THE LEARNING BARN

Sustainability played a key role in the design of the Learning Barn, seamlessly integrating environmental responsibility with functional architecture. The slope of the roof not only reflects the traditional farmhouse typology, but also serves the functional purpose of collecting rainwater for toilet flushing, and irrigating the surrounding cultivated fields and gardens.

Thoughtful material selection further reinforces the project's eco-conscious approach. The exterior is clad in oak wood from trees native to the area, and natural sheep wool insulation was chosen for its renewable qualities and excellent thermal performance. In addition, double-pane windows offer improved energy efficiency, and better noise reduction for the building.

