



architectural
portfolio 2025



anna zitkus

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ABOUT

I am an aspiring designer committed to creating architecture that protects both people and the planet. Grounded in sustainability and emerging technologies, my work explores how virtual reality and artificial intelligence can shape more thoughtful, immersive, and accessible spaces. With a deep appreciation for materiality and craftsmanship from my background in fiber arts, I strive to create environments where innovation and tradition come together to foster connection and well-being.

SKILLS

Revit
AutoCAD
Rhino
Grasshopper
Adobe Suite
Microsoft Suite
Lumion
Enscape
Fologram (Mixed Reality)
Advanced Modeling
Fiber Arts
Textile Arts

EDUCATION

Bachelor of Architecture, Minor in Architectural History at Pennsylvania State University Aug 2020 - May 2025
Schreyer Honors College | Aug 2020 - Dec 2022
GPA 3.4

Semester Abroad in Rome, Italy
Pantheon Institute of Rome Aug 2023 - Dec 2023
Completed university coursework in Architectural Design and Analysis in Rome, Ancient Roman Cartography, and Architecture in Virtual Reality.

Relevant Coursework

Building Environment Systems
Technical Systems Integration
Design Research Studios in Artificial Intelligence, Virtual Reality, and Fiber Arts in Architecture

EXPERIENCE & INVOLVEMENT

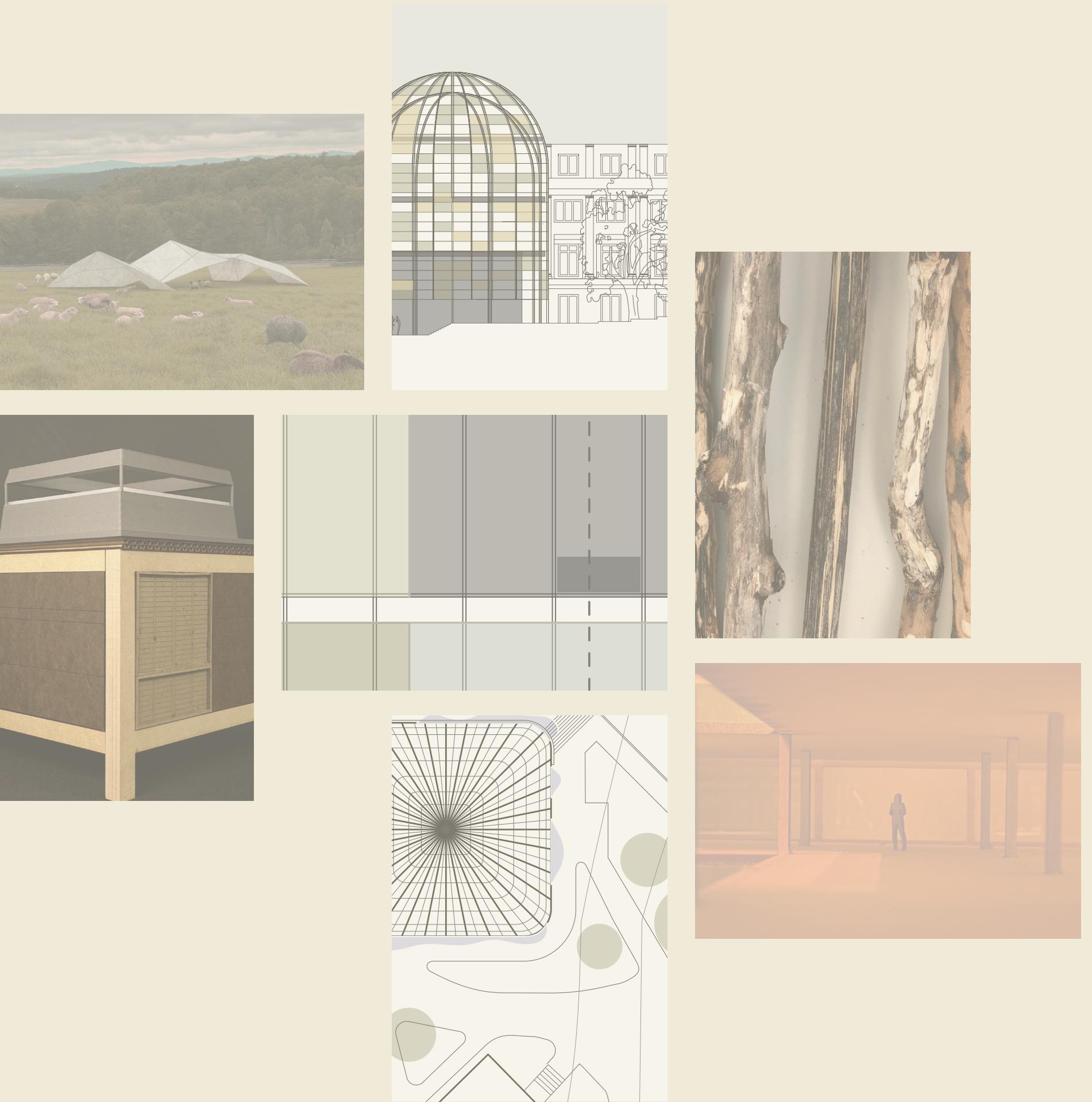
Alpha Rho Chi Since April 2022
Professional Co-Ed Architectural Fraternity, Vitruvius Chapter
THON Family Relations Chair
New Member Educator

Schreyer for Women Since August 2020
Professional And Philanthropic Club for Women within The Schreyer Honors College

Gender and Sexual Diversity in Schreyer Since August 2020

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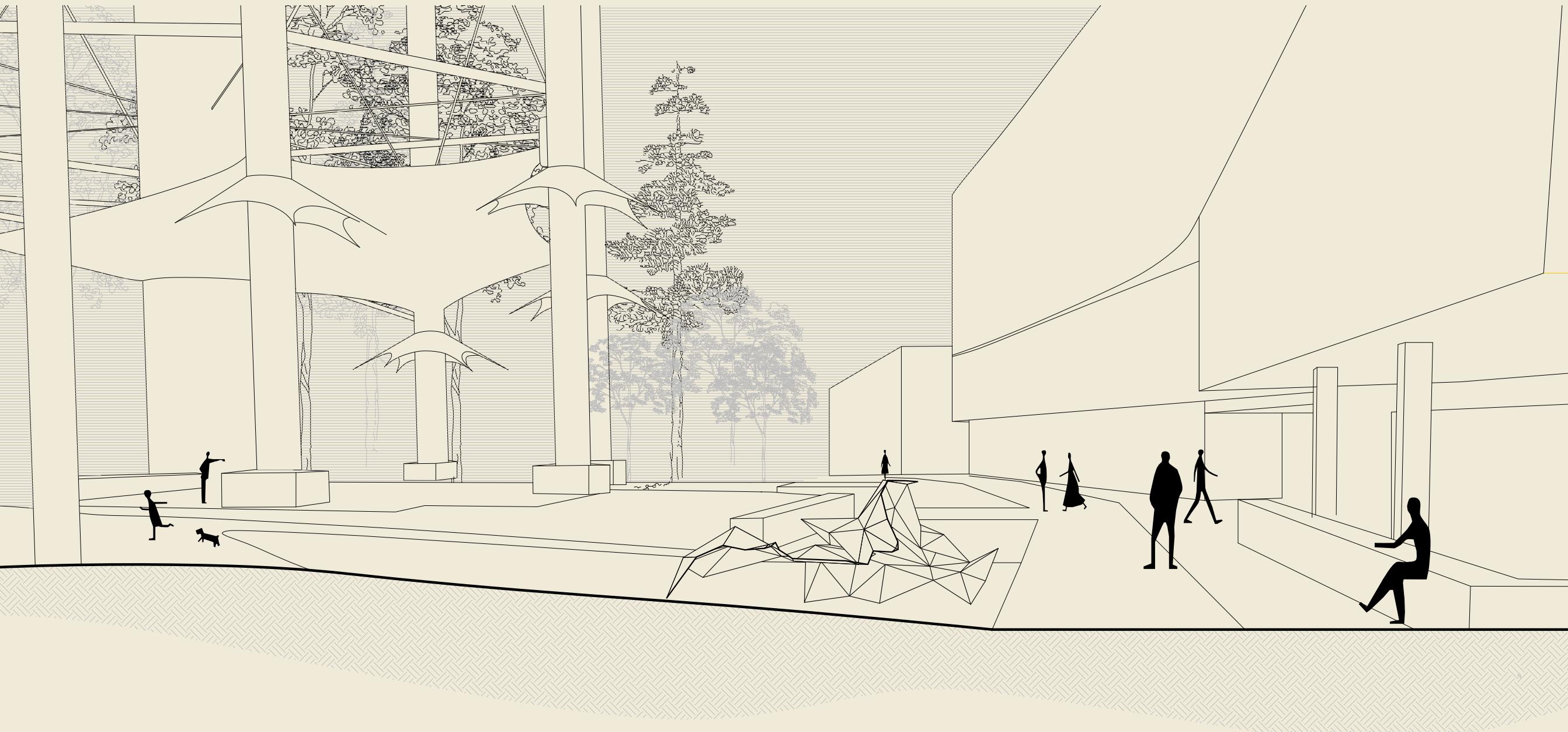
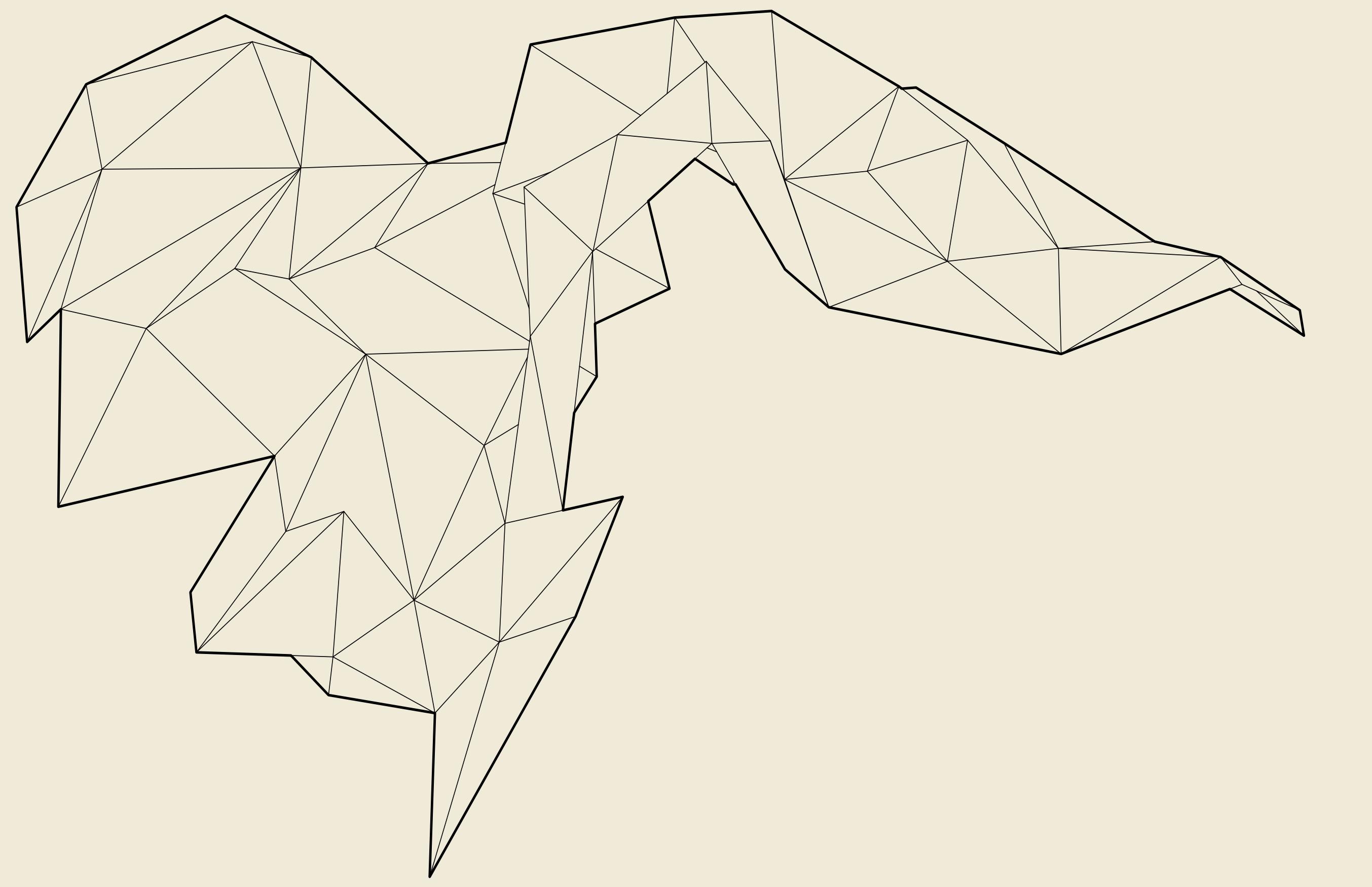


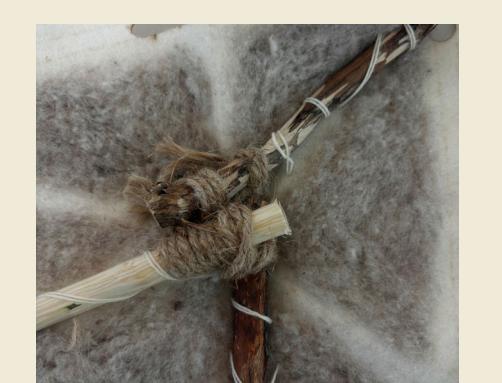
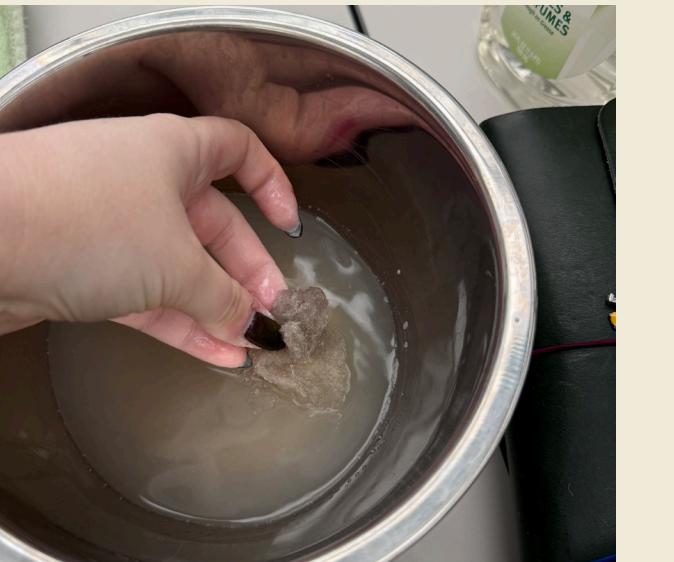
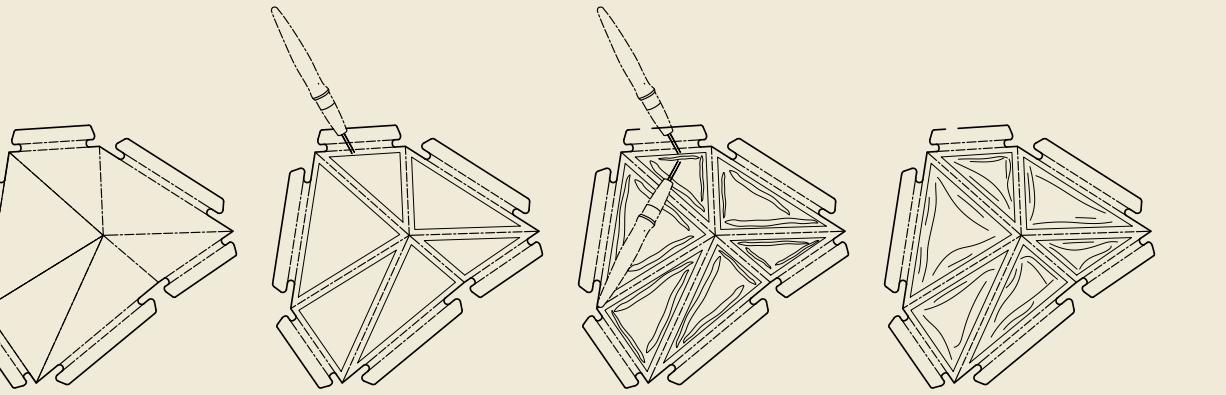
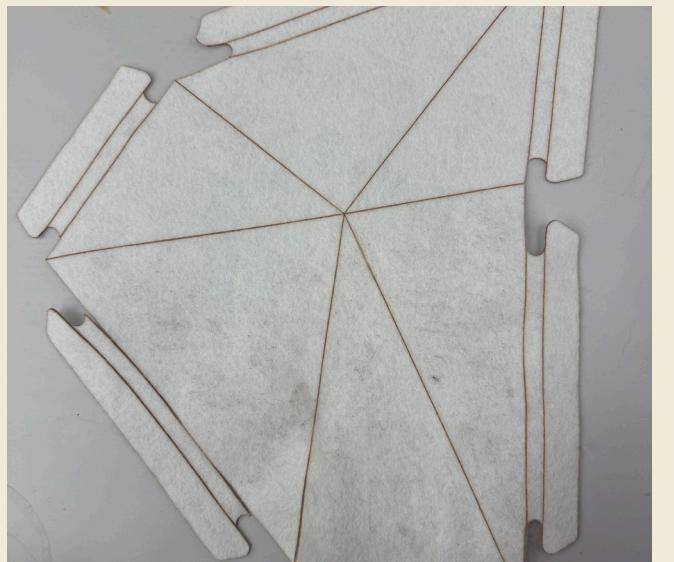
the sheep shed

SPRING 2025

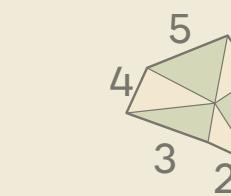
"Clouds" by the designers Ronan & Erwan Bouroullec provides a new way to divide rooms, from the home to an exhibit, using textiles. What makes this project so unique is its user friendly approach. The modules are designed to be able to connect to one another in any way to create a totally unique creation each time. It is also adhered to each other with the use of rubber bands, which allows for little to no tools to be used in the construction. As we looked into the composition of these modules, we discovered that they are comprised of a wool lining that is wrapped around polyurethane wool, which aids in the strength and durability of the product. This posed a challenge for us to make this product as sustainable as possible by using natural materials in its makeup.

After experimenting with several geometries adjacent to the Bouroullec's original design, we landed on a module size ideal for variation in both size and quantity. Through trial and error, we have been able to replicate the behavior of the Bouroullec Brother's original form using materials such as wool roving, felted wool, hand-spun wool string, and wood as a structural skeleton. With aim to make these modules both more architectural, we have tested ways to create better structure within the geometry of the individual modules while adhering to our sustainable goals. Our current module on its own consists solely of felted wool and wood-glued and felted wool rods.

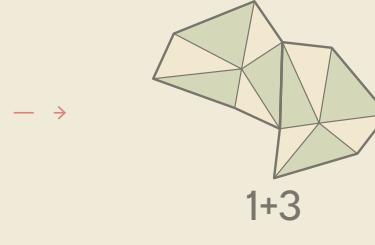
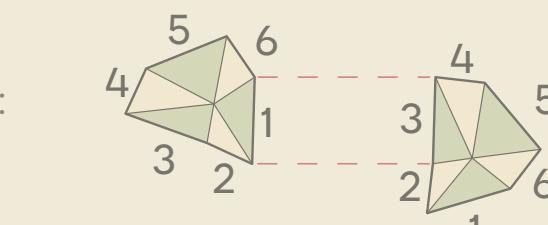




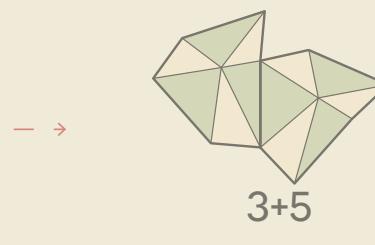
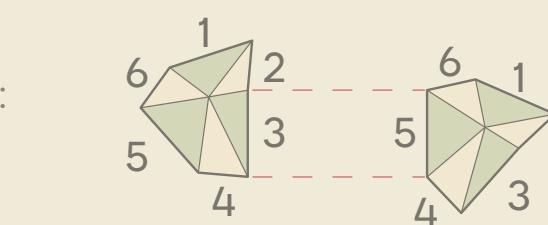
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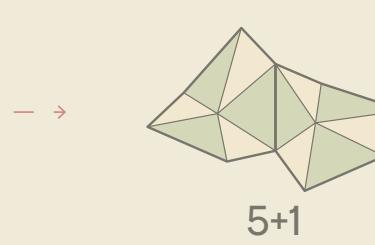
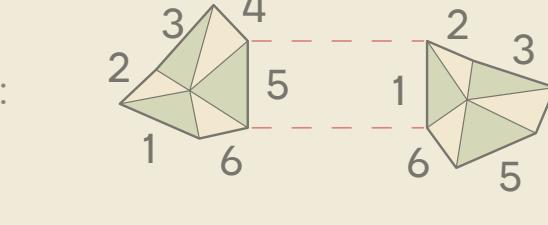
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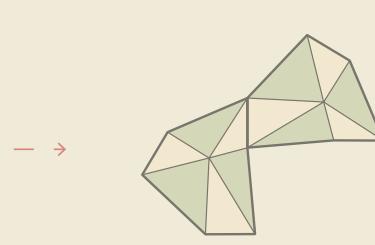
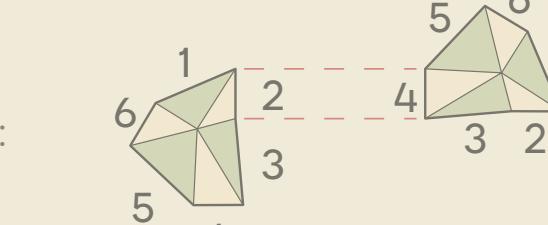
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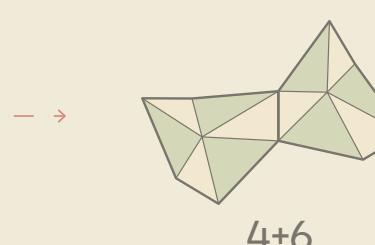
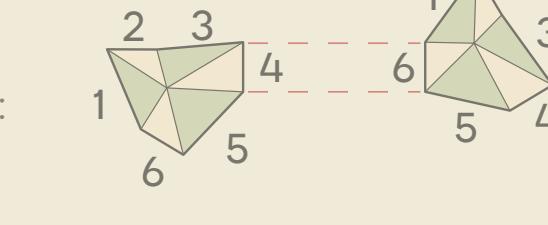
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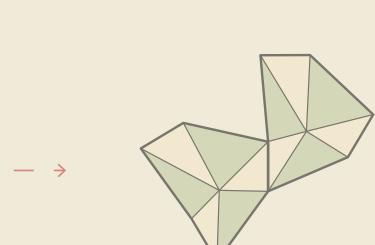
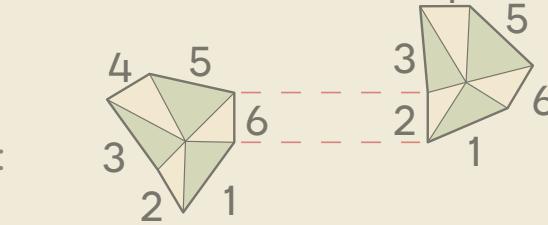
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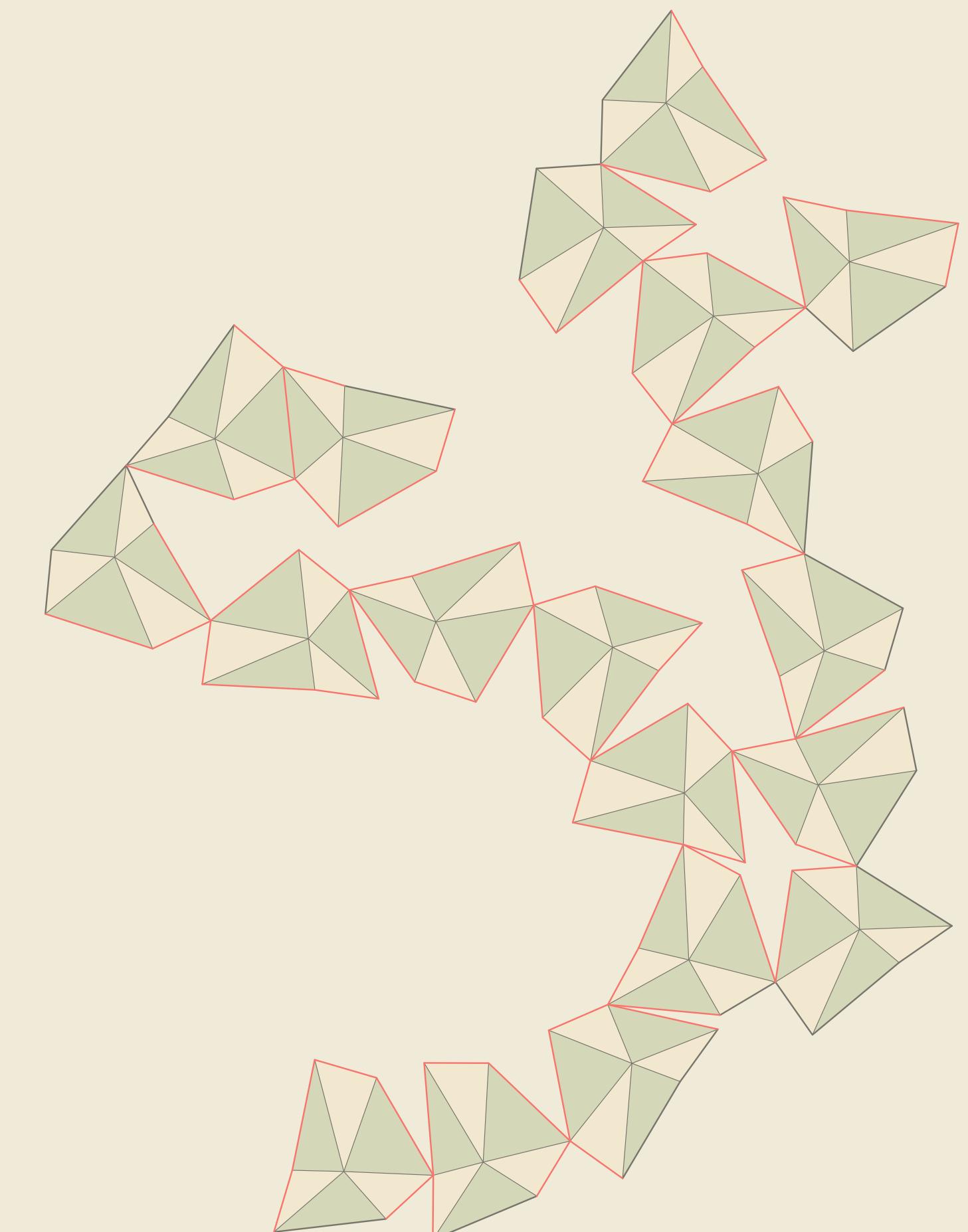
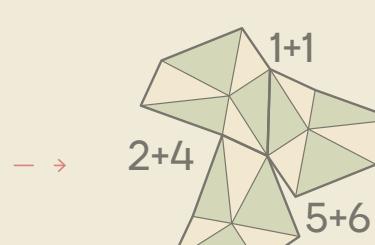
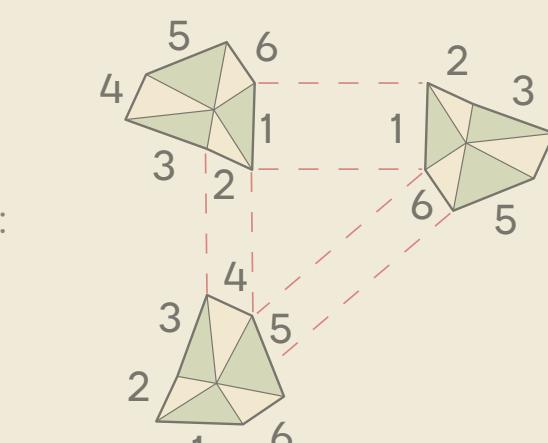
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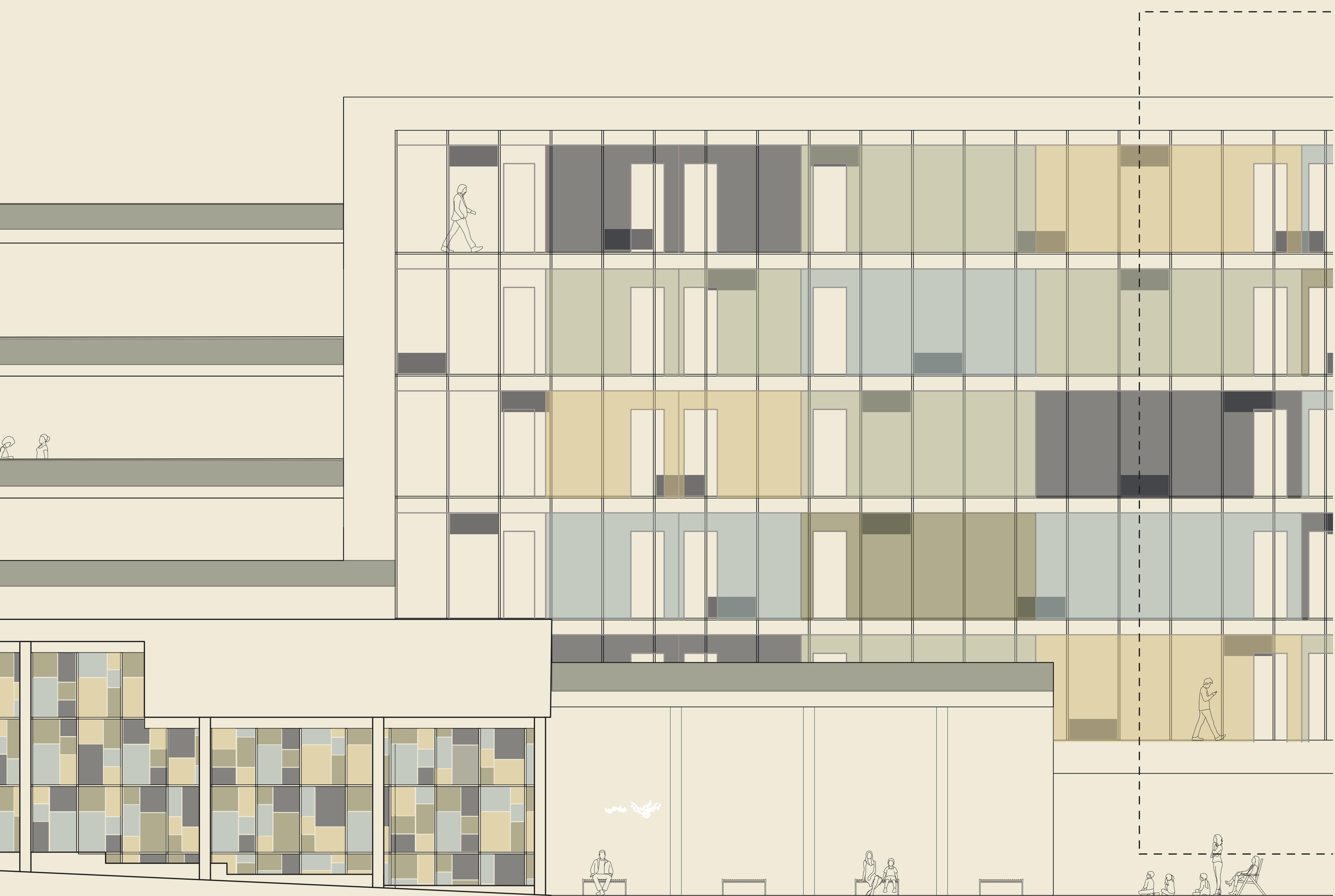


Shape Grammar

The alternating edge lengths of each six-sided module allow for strategic connections between the matching sides, resulting in seven possible pairing combinations across the system. By designing the perimeter with two distinct edge lengths that alternate around the module, the geometry encourages varied orientations and configurations when aggregated. These specific pairings enable the modules to attach in multiple ways -- ranging from tightly nested clusters to more open, directional arrangements -- supporting flexible and adaptive assemblages. This pairing logic becomes a key part of the project's shape grammar, guiding how form, structure, and spatial experience emerge through the interaction of repeated yet variable elements.

art house

SPRING 2023



The Art House is a hybrid residential and cultural hub designed to nurture creativity and community. The building provides apartment-style living tailored to artists, musicians, writers, and performers, integrating private space for focus with shared environments that encourage collaboration.

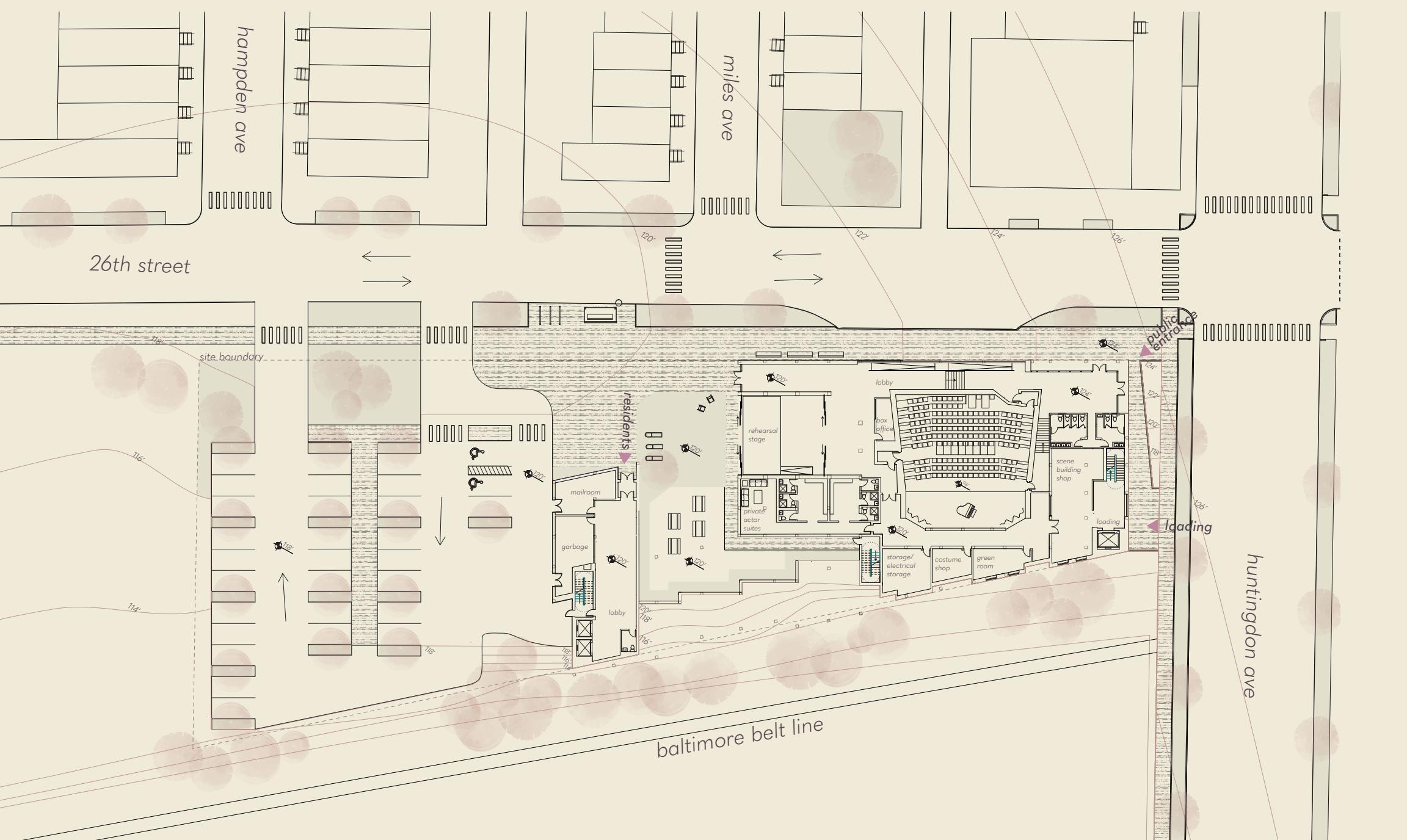
At its heart, the Art House extends beyond housing into a public venue: an auditorium anchors the building as a stage for performance, dialogue, and experimentation, supported by green rooms, rehearsal studios, and practice spaces that blur the line between daily life and artistic production. The design fosters permeability between the private and public realms, allowing residents to live within an ecosystem that values both introspection and exchange.

By weaving together domestic comfort, flexible creative studios, and public cultural infrastructure, the Art House becomes more than a building—it is a living framework for artistic growth, where residents and the wider community can connect through creation, performance, and shared experience.

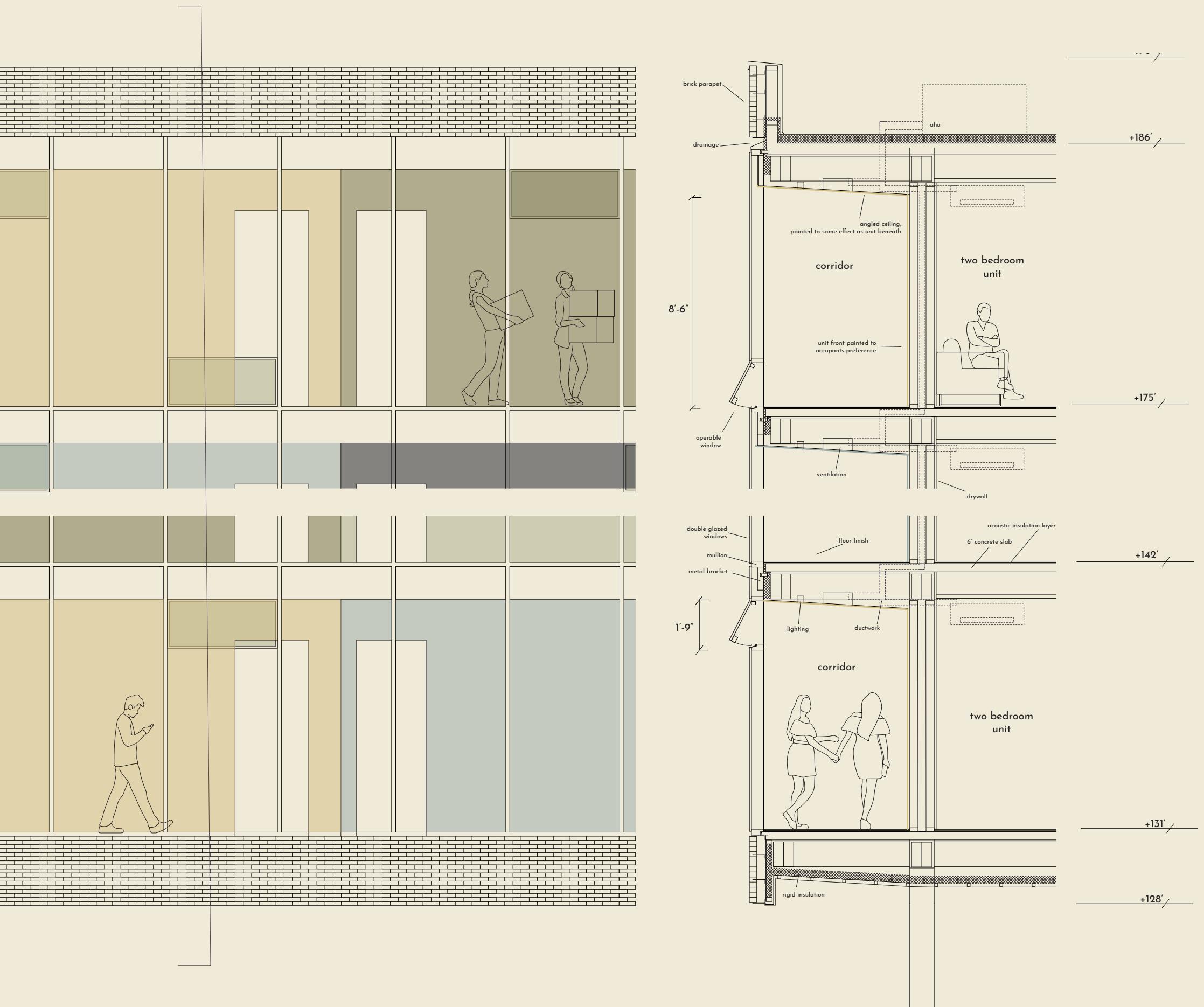
The Art House is organized around a gradient of spaces, transitioning from the private realm of residential apartments to the semi-public rehearsal and practice zones, and finally to the fully public auditorium. Circulation is designed to encourage chance encounters: shared lounges, open terraces, and transitional corridors become informal gathering points where ideas can be exchanged.

The residential units are positioned to provide natural light and quiet refuge, while the creative studios and practice rooms cluster around a central spine, acoustically isolated yet visually connected through glazed partitions and double-height volumes. The auditorium, set at the ground level, acts as the cultural anchor—visible from the street and accessible to the public, drawing community engagement into the building's core.

Green roofs and outdoor terraces provide moments of retreat, while layered vertical circulation weaves

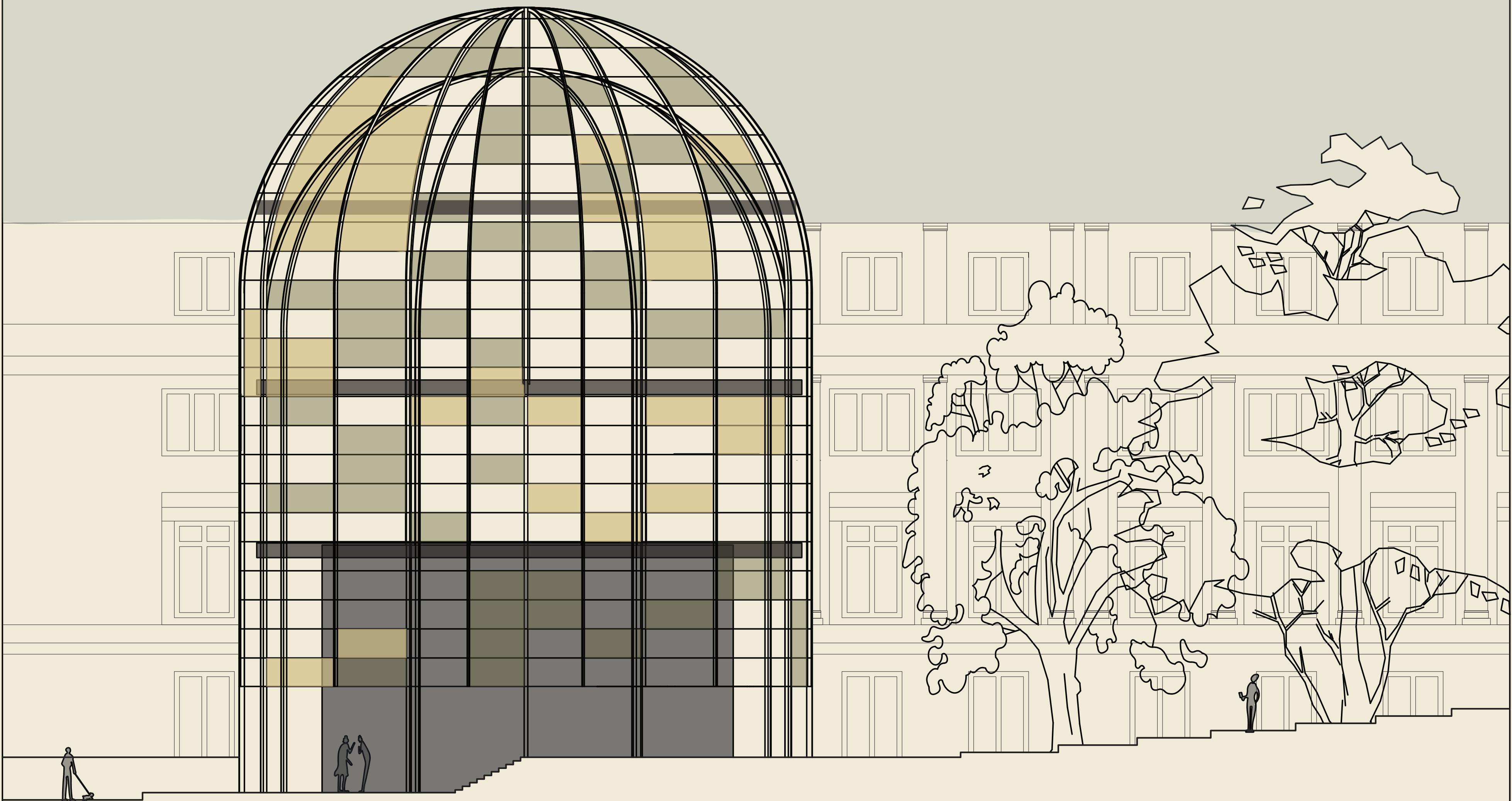


residents and visitors together, allowing the building to breathe as both a home and a cultural destination. This strategic interplay of thresholds—private, semi-public, and public—creates a dynamic ecosystem where living, making, and performing coexist seamlessly.



ai interpretations

SPRING 2024



The Meteorology Institute is conceived as both a research facility and a living environmental instrument, where architecture becomes an active participant in the study of weather and climate. The building's defining feature is a continuous glass rain wall that wraps the exterior, transforming the façade into a dynamic canvas for the movement of water. This veil blurs the boundary between structure and atmosphere, allowing the Institute itself to embody the forces it seeks to understand.

Inside, research laboratories, classrooms, and data visualization centers are arranged in dialogue with public exhibition zones, encouraging knowledge-sharing between scientists and visitors. The rain wall is not only a striking visual presence but also a functional system, harvesting and recycling rainwater to regulate interior climate and demonstrate sustainable resource cycles in real time.

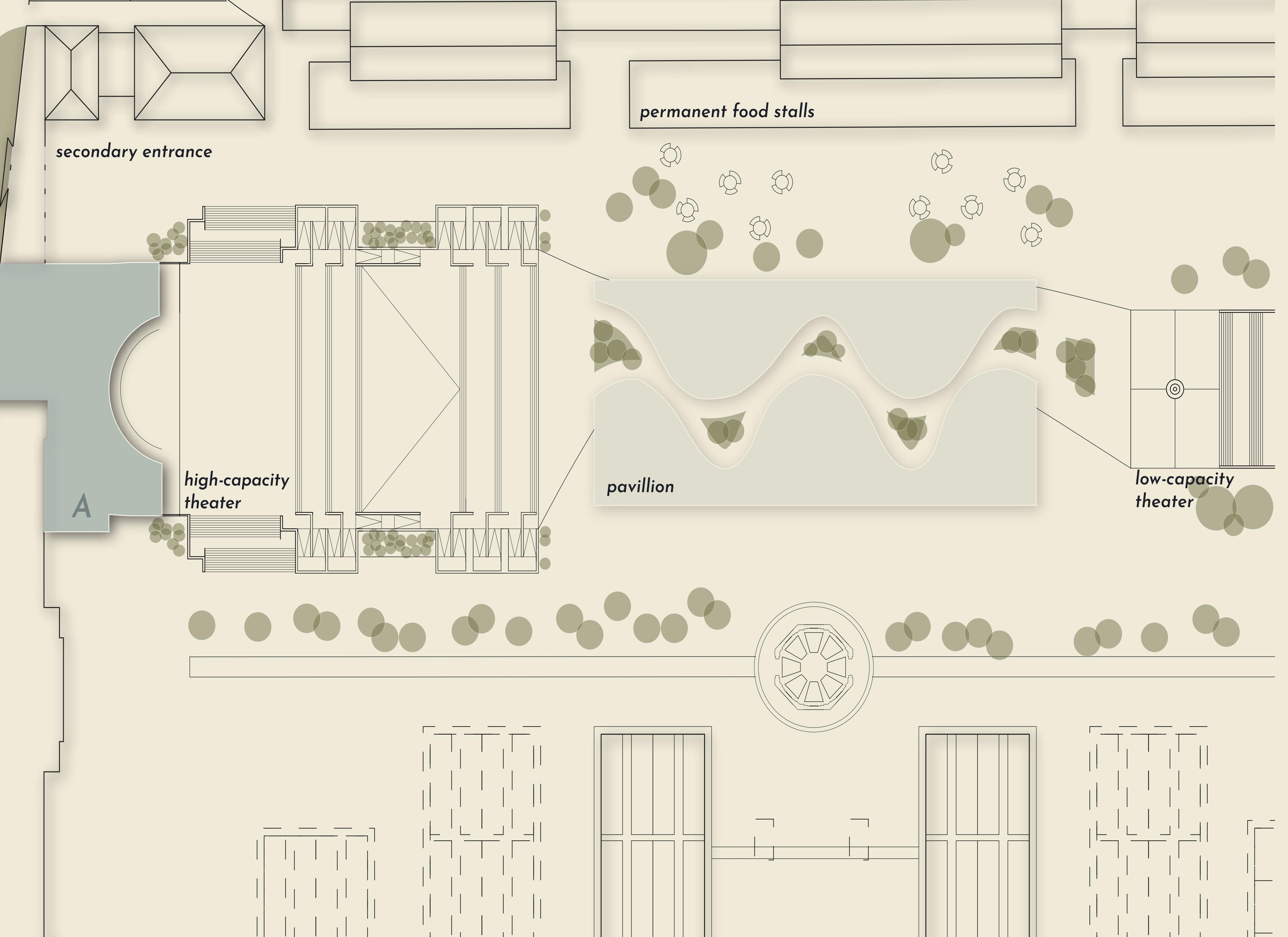
Spatial Strategy

The Institute is organized concentrically: the rain wall defines the outer perimeter, creating a protective, semi-transparent envelope that frames the building as a vessel of weather. Public spaces—including a climate gallery, observatory atrium, and interactive displays—occupy the perimeter where the rain wall is most visible, immersing visitors in atmospheric phenomena. Deeper within, laboratories and archives are housed in controlled environments, connected by vertical circulation cores that pierce through to skylit observation decks. public encounter with the elemental forces that shape our world.



campo boario

FALL 2023



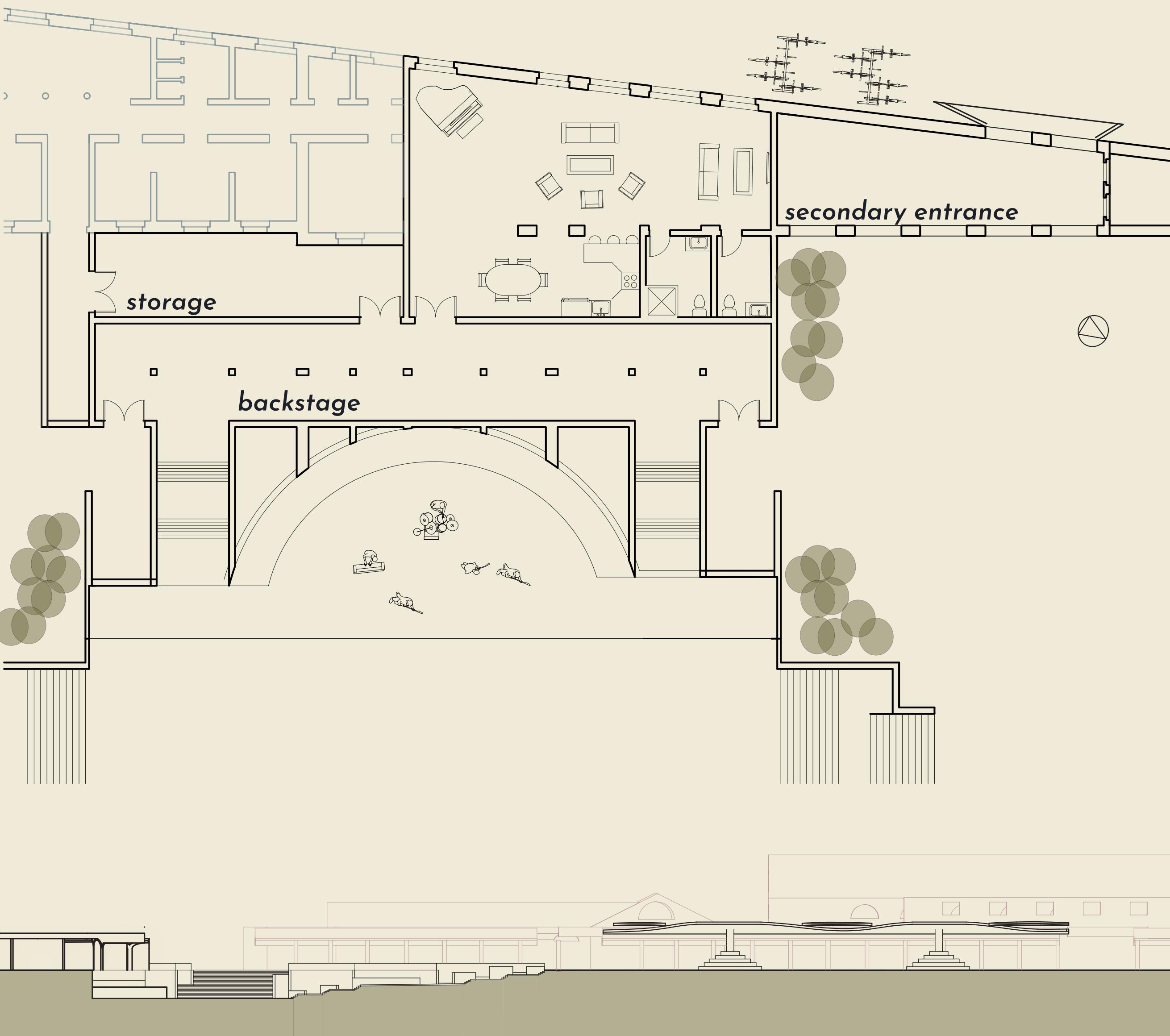
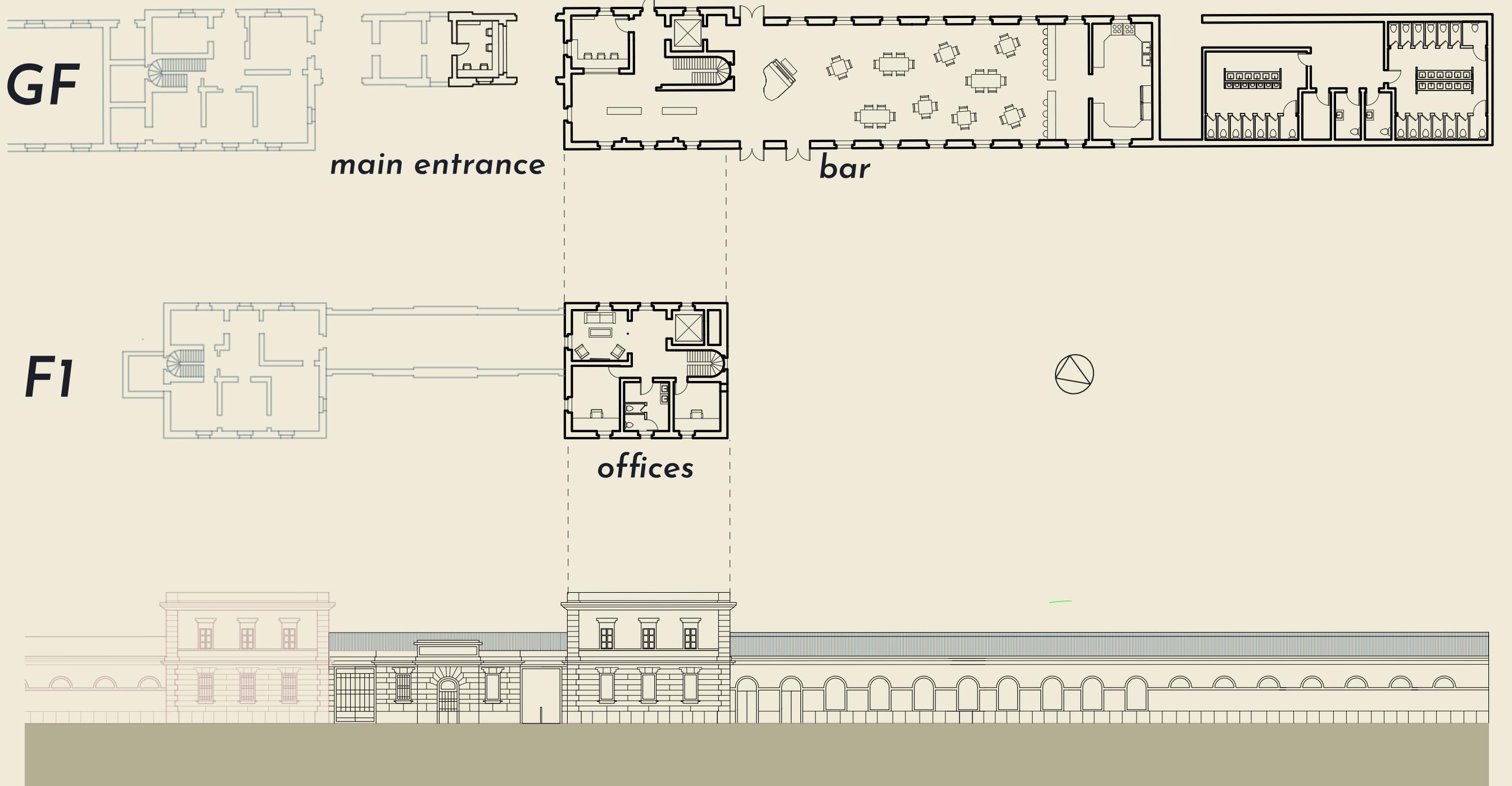
The Testaccio Grounds reimagine Rome's historic Mattatoio—once a center of labor and food production—as a cultural landscape for gathering, performance, and exchange. Situated in the heart of Testaccio, the project transforms the old butcher factory into a hybrid campground and outdoor festival space that celebrates both the site's industrial heritage and its potential as a living stage for contemporary life.

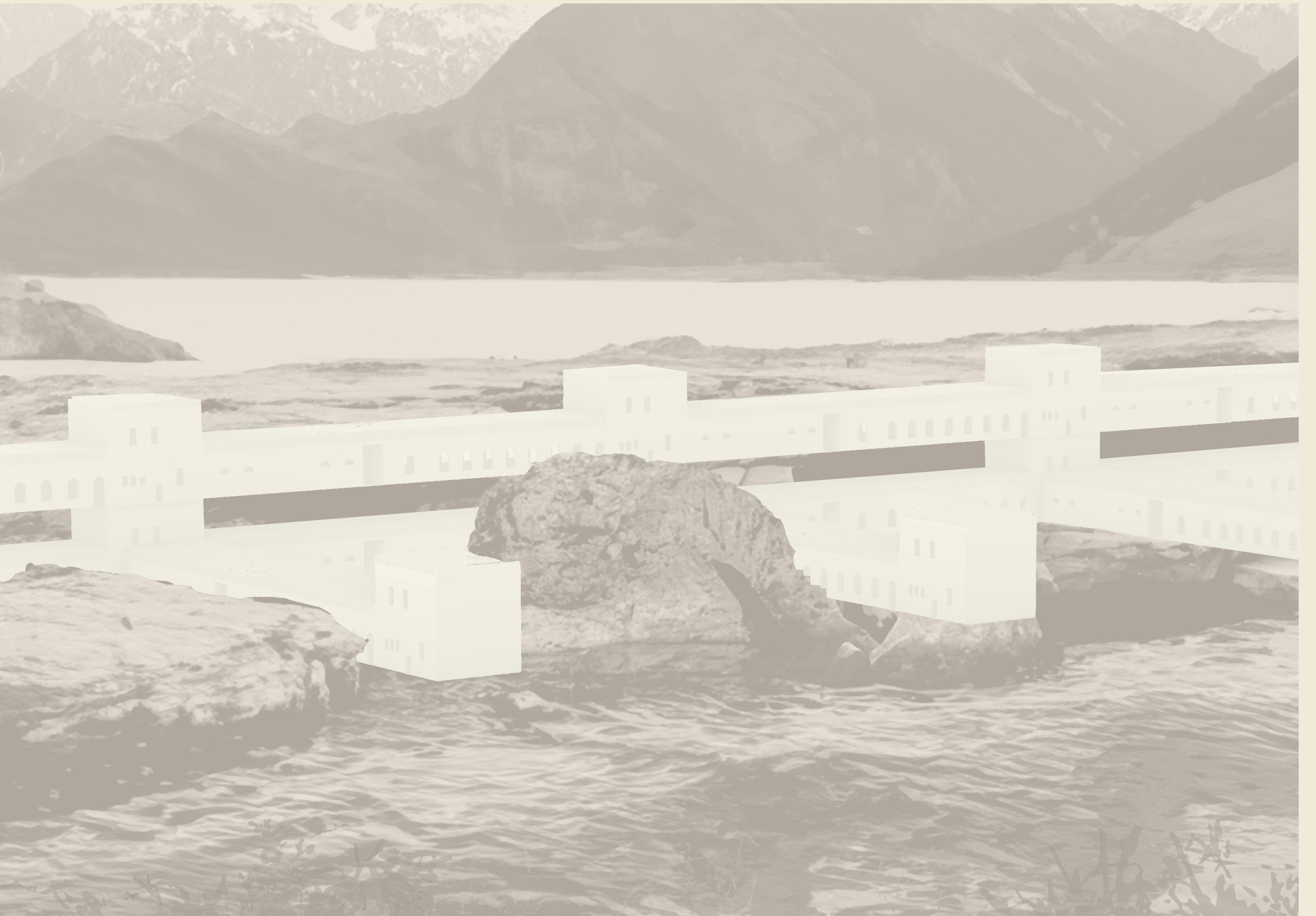
The design honors the raw, monumental character of the Mattatoio: brick walls, vaulted structures, and iron frameworks are preserved and reactivated as armatures for new layers of occupation. Within this framework, the grounds host flexible performance stages, open-air cinema, food markets, and artist installations, balanced with shaded camping areas and communal fire circles. The coexistence of temporary inhabitation and large-scale cultural programming makes the site both intimate and expansive, equally suited for a traveler's night stay or a city-wide festival.

The rhythm of the site is defined by thresholds: entry plazas transition into market streets; shaded arcades open into vast performance courts; secluded tenting zones unfold along the riverfront edge. The old Mattatoio walls act as both boundary and backdrop, enclosing an ever-changing cultural topography where Rome's past and present converge.

Spatial Strategy

The project operates through adaptive reuse and layered landscapes. Existing factory halls become anchor nodes for performance and gathering, while the interstitial courtyards and voids are reimagined as campgrounds and circulation spines. Modular pavilions and lightweight structures provide amenities—bathhouses, food stalls, rehearsal pods—without competing with the historic fabric, instead weaving between ruins and open ground.





miscellaneous work

