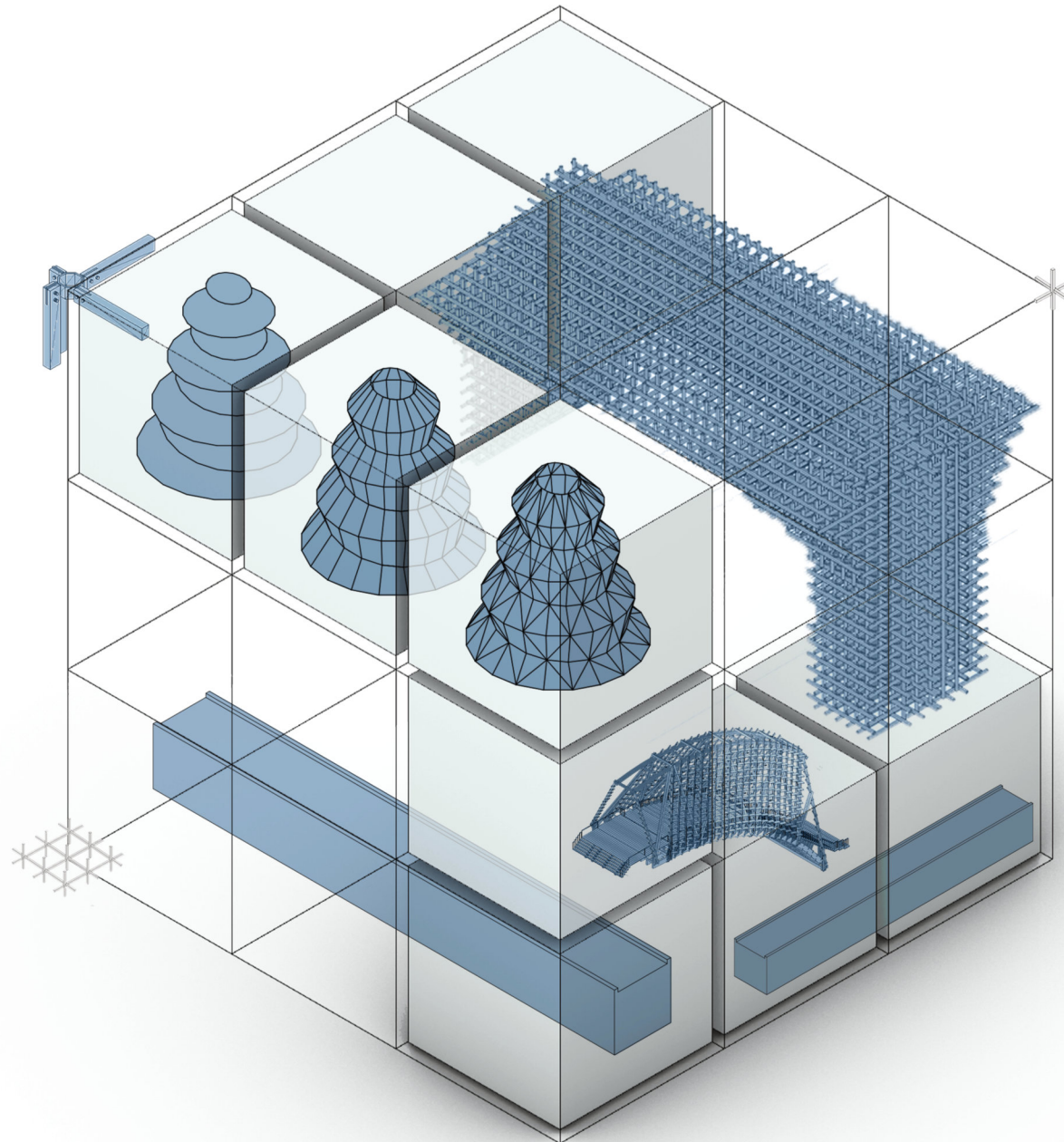


PORTFOLIO

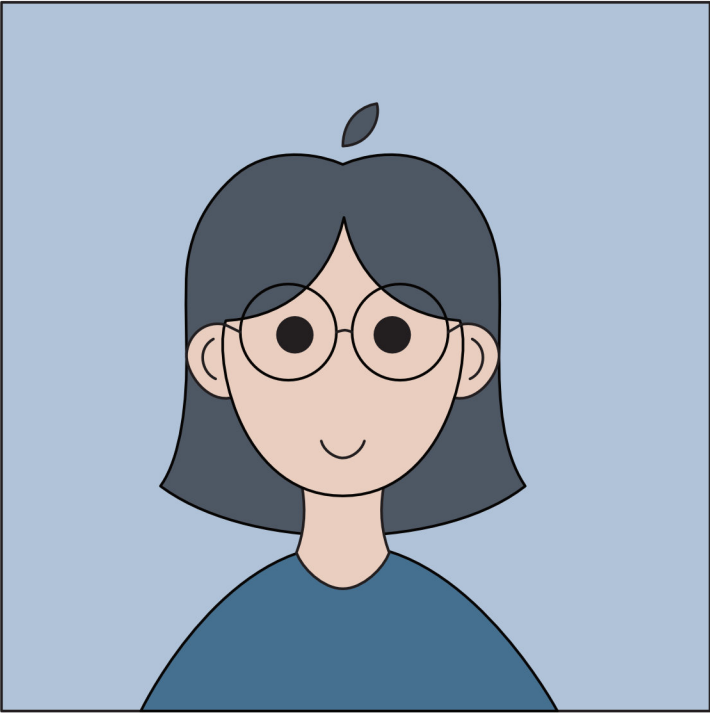
selin agirbas

2025



Selin Ağırbaş

08/03/2000



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my online portfolio: selinagirbas.com

Education

Politecnico di Torino - Torino, Italy (2022-2025)
MSc. Architecture Construction City

Özyeğin University - Istanbul, TURKEY (2018-2022)
Faculty of Architecture and Design
Department of Architecture
Minor: Department of Communication Design
Honors: 25% Performance Scholarship
Cumulative GPA: 3.23/4.00

TED Ankara College Foundation High School
- Ankara, TURKEY (2014-2018)
GPA: 87.77/100

Experience

De Leo & Drasnar Architects - Turin, ITALY (02/2024-04/2024)
Position: Architecture Intern
Architecture

Le Cordon Bleu Istanbul - Istanbul, TURKEY (03/2021-07/2022)
Position: Sales and Marketing Assistant
Marketing

Piksel. - Istanbul, TURKEY (04/2021-08/2021)
Position: Designer
Graphic Design

Marqala Creative - Istanbul, TURKEY (09/2020-11/2020)
Position: Intern, Freelance Designer
Branding

ZOOM/TPU - Istanbul, TURKEY (06/2020-08/2020)
Position: Intern, Office
Architecture

Özyeğin University - Istanbul, TURKEY (07/2019-07/2019)
Position: Intern, Research
Parametric Design

Computational Skills

 AutoCAD

 Rhino

 Grasshopper

 D5 Render

 Affinity Publisher

 Adobe Photoshop

 Adobe Illustrator

 Archicad

 Lumion

 Twinmotion

 SketchUp

 Revit

Extracurricular Activities

2018-2022

OzU Maker Club
Designer

2018-2022

OzU Photography Club
Active Member

2018-2019

yalnizdergi.com
Art Director

2017-2018

Yalnız Dergi
Editorial Designer

2015-2018

YGA
Volunteer

2016-2017

TED Musical Club
Dancer, Graphic Designer

2016-2017

The 7th Annual International Young Critics' Symposium
Organizator

2017

LOGOS Physics, Chemistry and Biology Magazine
Editorial designer, Writer

2012-2015

Fire of Anatolia
Dancer

Conferance

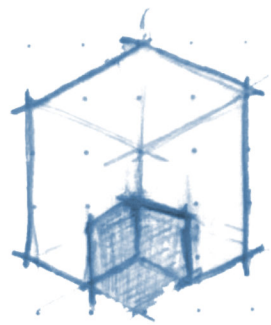
6th FabLearn Europe / MakeEd
Conference 2022

Publication

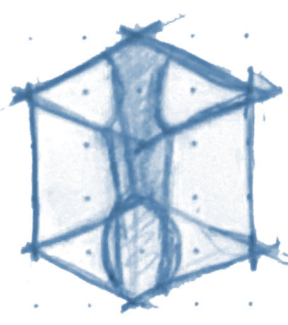
Selin Ağırbaş, Aslı Seher Kızıltan, Çağla Irmak Badem, and Gökçe Elif Baykal. 2018. Scaffolding Preschool Children's Upcycling Experiences through Free vs. Guided Play Activities. In Woodstock '18: ACM Symposium on Neural Gaze Detection, June 03–05, 2018, Woodstock, NY . ACM, New York, NY, USA, 7 pages.

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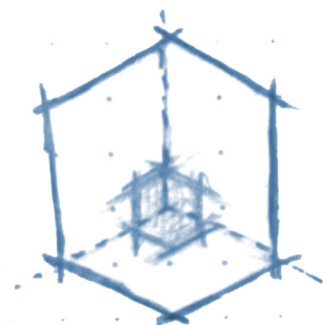
Architecture



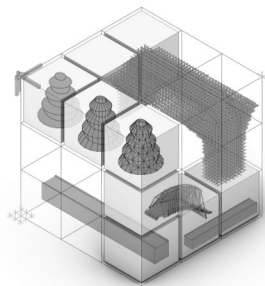
Parametric Design



Experience



01	Architecture and Structural Forms	02	Reinterpreting the Past through Design	03	The Light Within	04	Architecture and Structural Restoration	05	Algorithm Aided Architectural Geometry	06	Parametric Interior Architecture
	MSc. Architecture and Urban Design		MSc. Degree Thesis		Architectural Competition / Reuse Italy- Reuse the Abbey		MSc. Architecture and Restoration		MSc. Algorithm Aided Shelter Design		MSc. Architecture Internship



01

ARCHITECTURE AND STRUCTURAL FORMS

MSc. Architecture and Urban Design
Nanjing City Wall / China
2022-2023

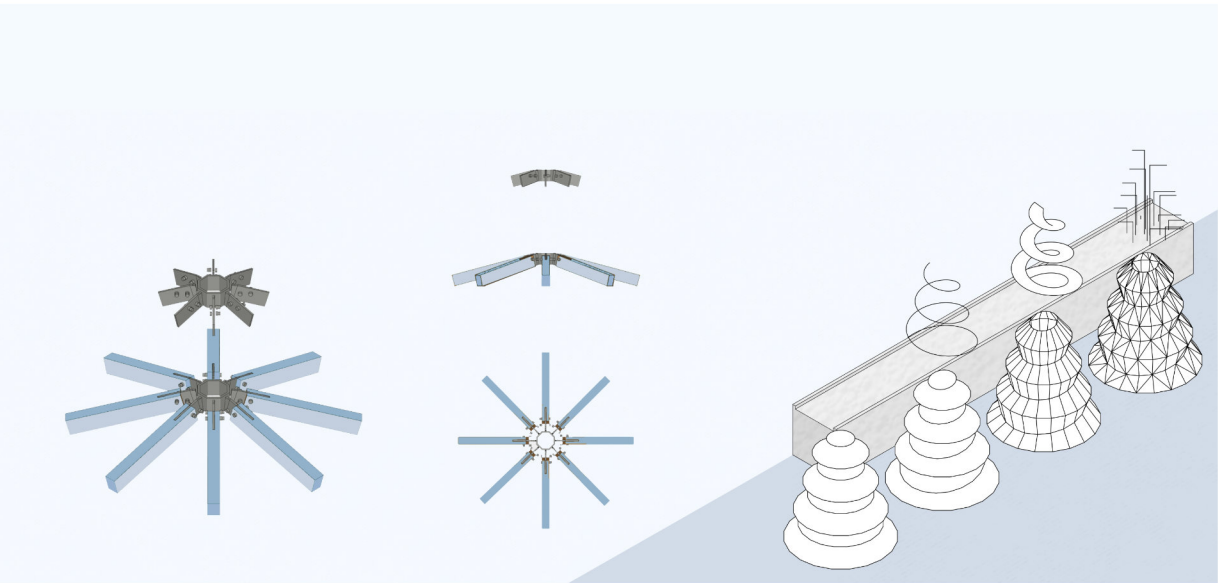
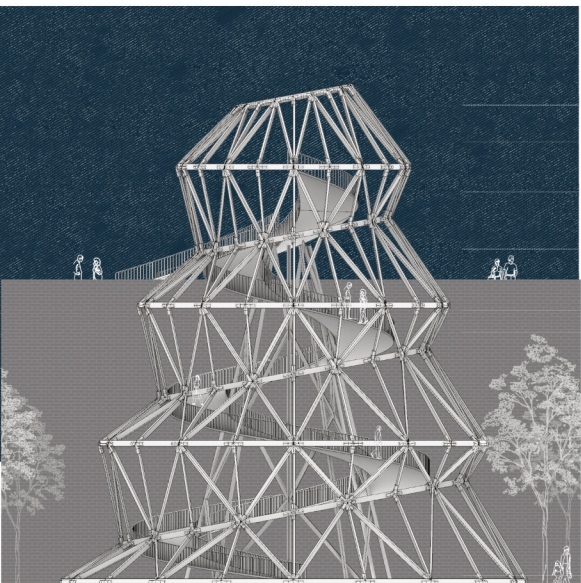
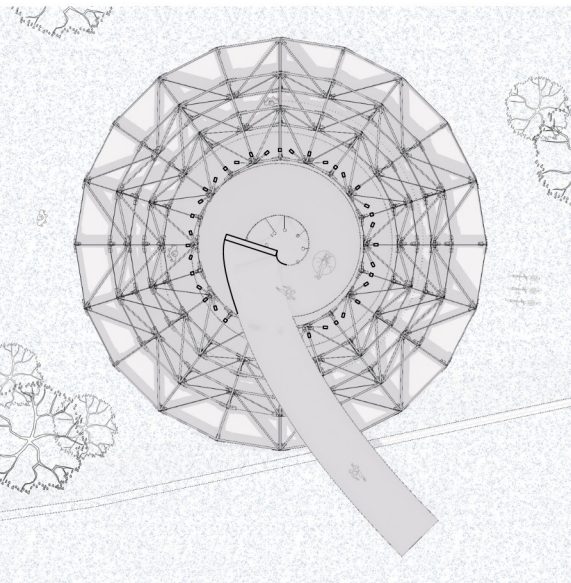
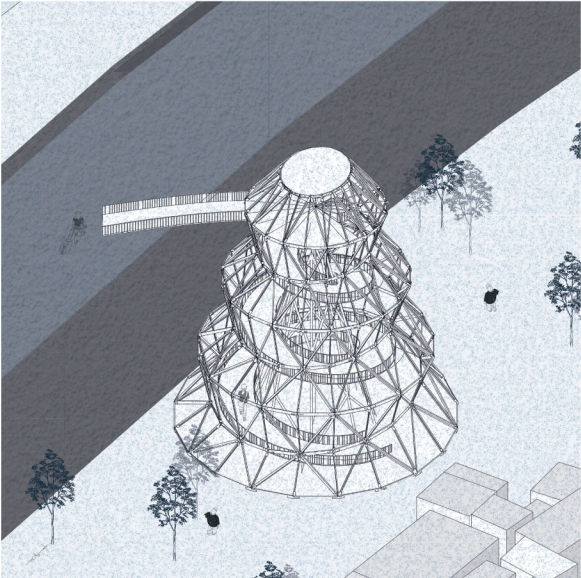


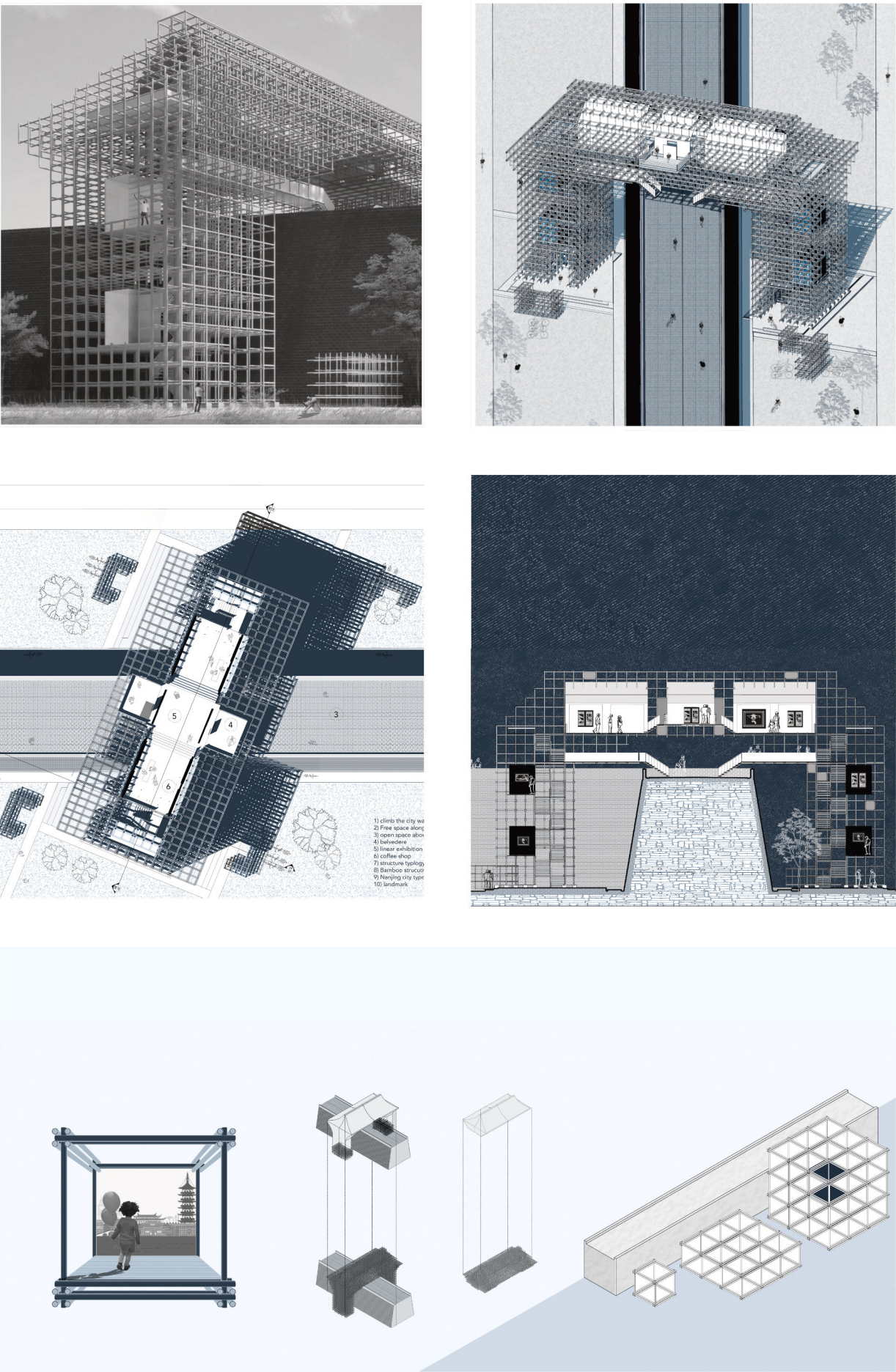
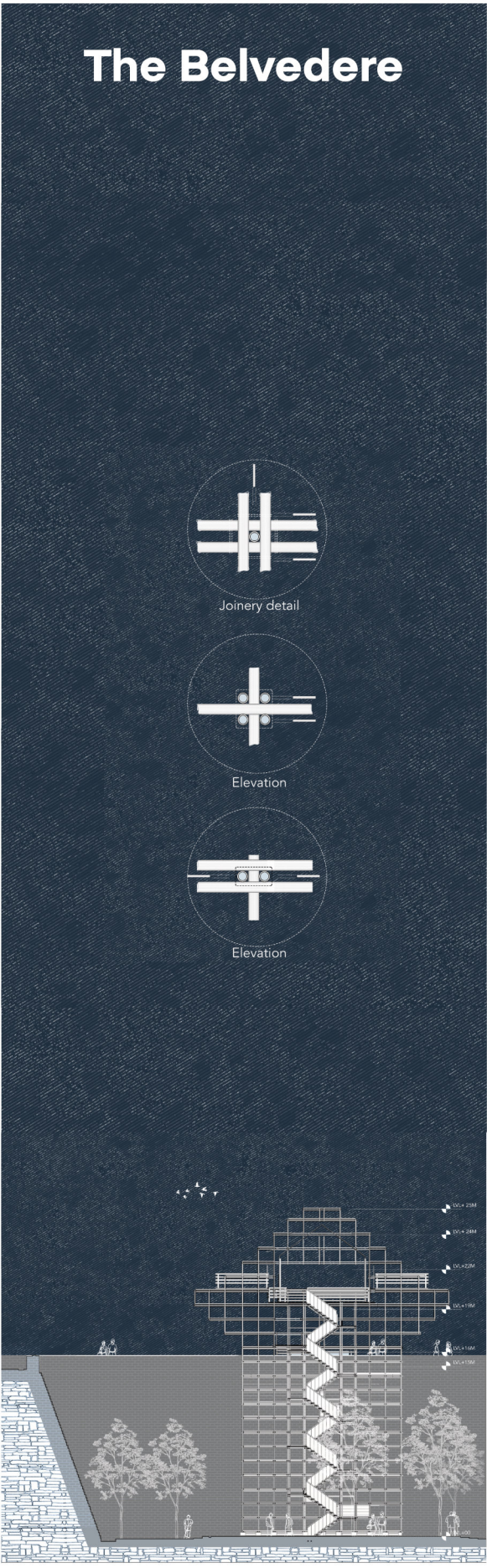
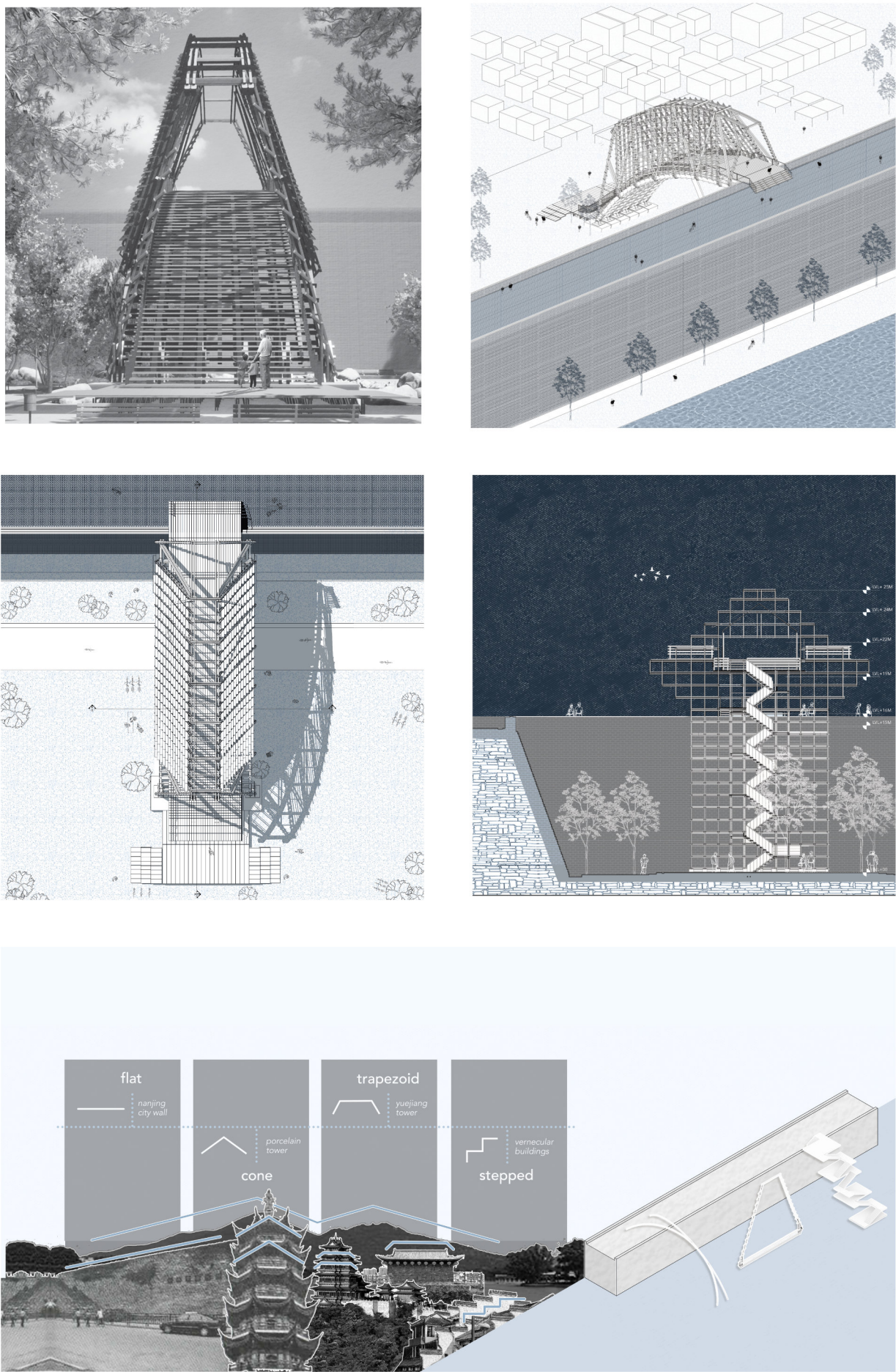
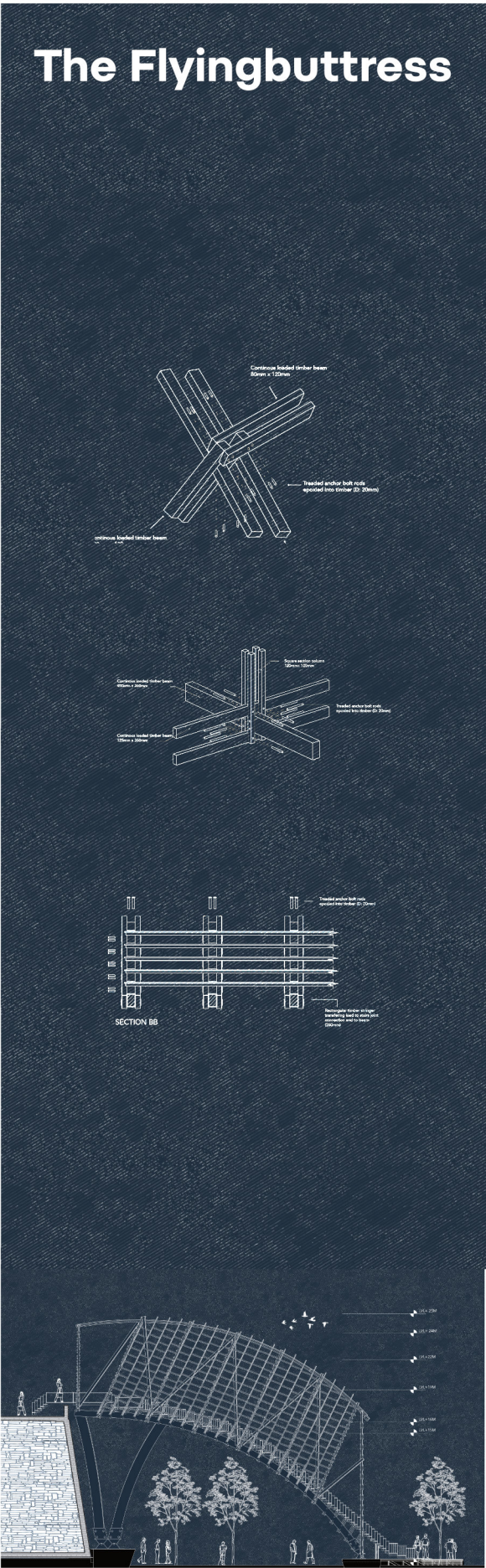
The Nanjing City Wall holds historical value but lacks emphasis in its current state. This proposal aims to revive its significance through storytelling.

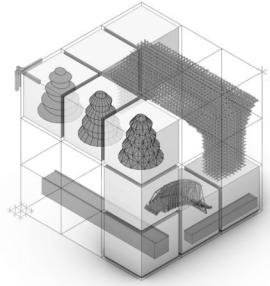
The Tower reflects siege tower construction with decreasing slab sizes and angled shifts. A continuous ramp connects all levels, guiding visitors to the top for an immersive city experience. The transparent truss structure ensures uninterrupted views.

The Flying Buttress reintroduces Nanjing's historic skyline through trapezoidal elements that connect the ground to the wall while maintaining open walking space below. An interlocking joinery system binds the wooden components.

The Belvedere restores the wall's identity by linking culture, people, and place, creating a new landmark that unites both sides of the city.







02

REINTERPRETING THE PAST THROUGH DESIGN

MSc. Degree Thesis (Authors: Selin Agirbas, Asli Kiziltan)
Perge Archaeological Site, Antalya / Türkiye
2025



This thesis explores Perge as a site for contemporary architectural intervention through heritage theory, spatial abstraction, and interpretive design. Sited outside the ruins, fills spatial and narrative gaps, reuniting sculptures with context

Analysis: Historical research and excavation records reveal Perge's layered urbanism, colonnaded streets, civic structures, and water networks. These inform the conceptual basis for the intervention.

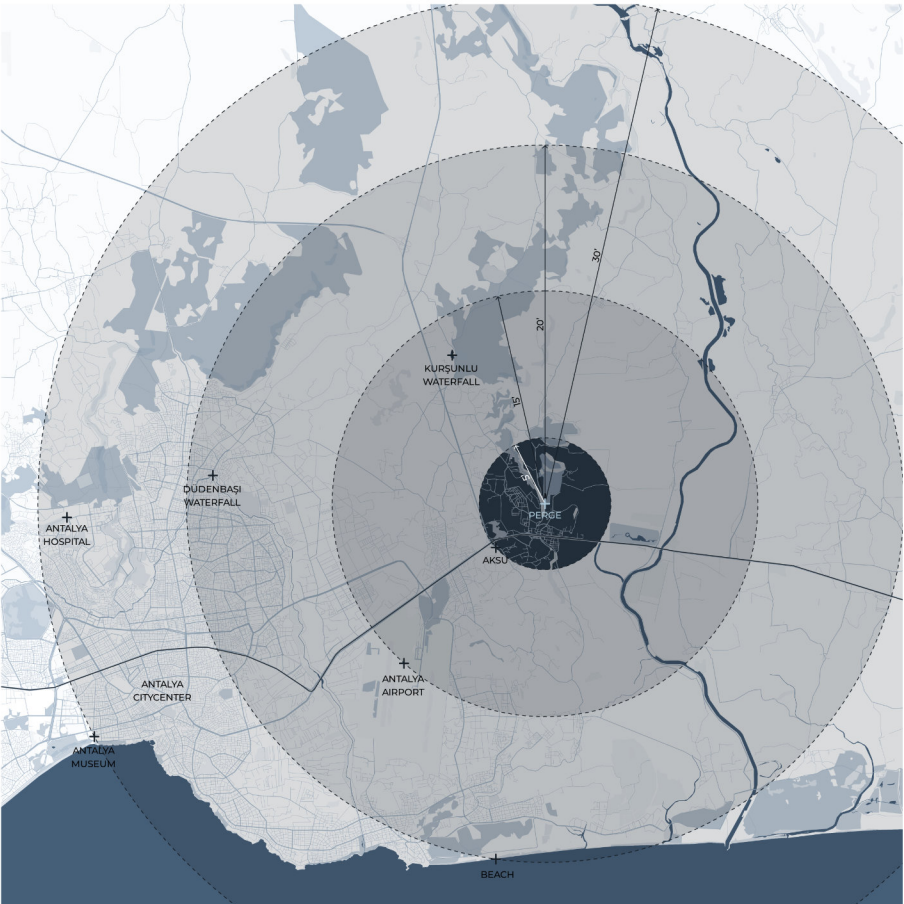
Elevations: The facades of the galleries follow the design logic of the sectional geometric properties and visual rhythm of the original structures.

Sections: The museum's portico reinterprets Perge's colonnaded vocabulary. Slight angular shifts and rhythmic proportions create fragmented light and shadow, echoing the site's geometry.

Interior: Through abstraction, material authenticity, and narrative clarity, interiors become spaces between past and present, offering visitors continuity with Perge's historic presence.



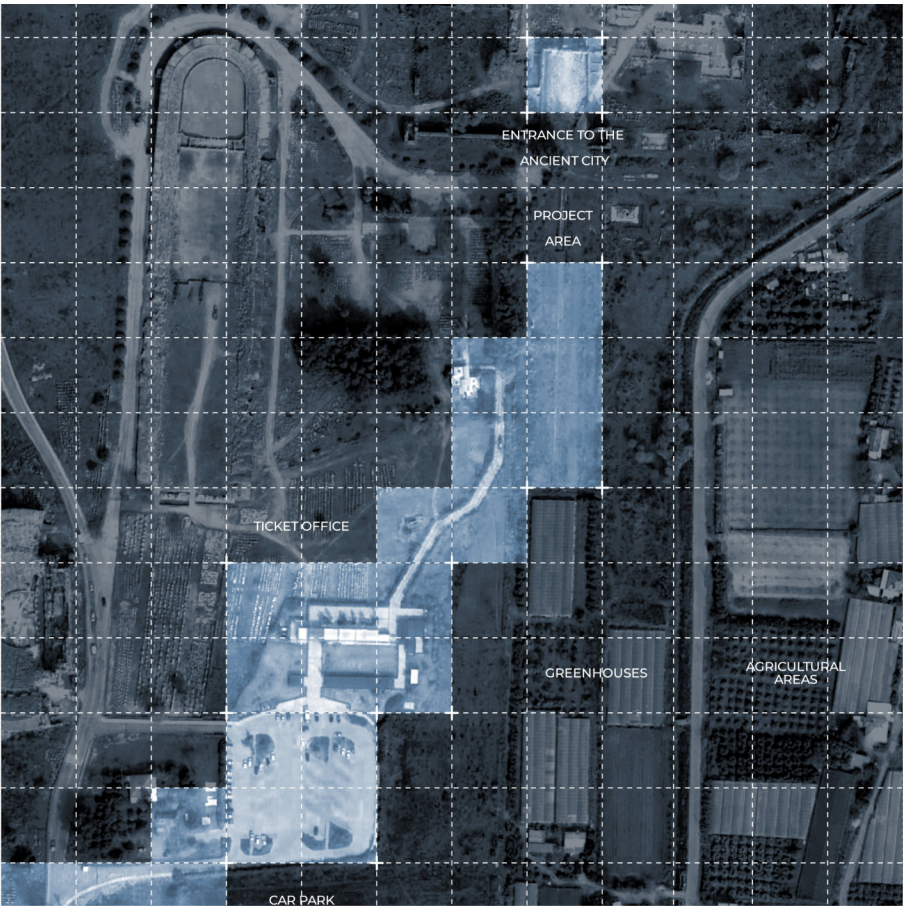
View of the Gates



Surroundings



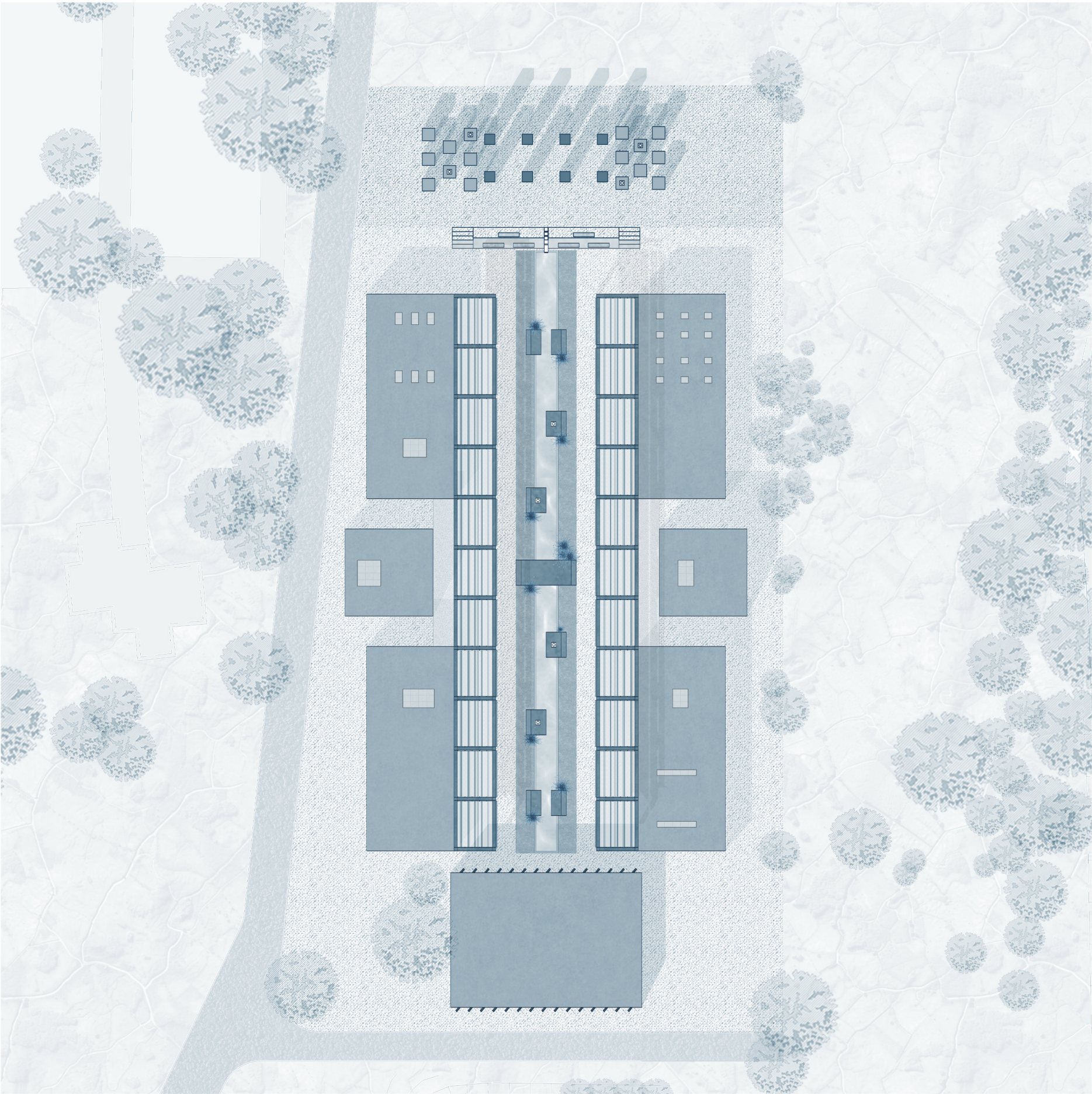
Layout of the Ancient City



Layout of the Site



Water Routes



Site Plan



Agora Gallery



Fountains Gallery



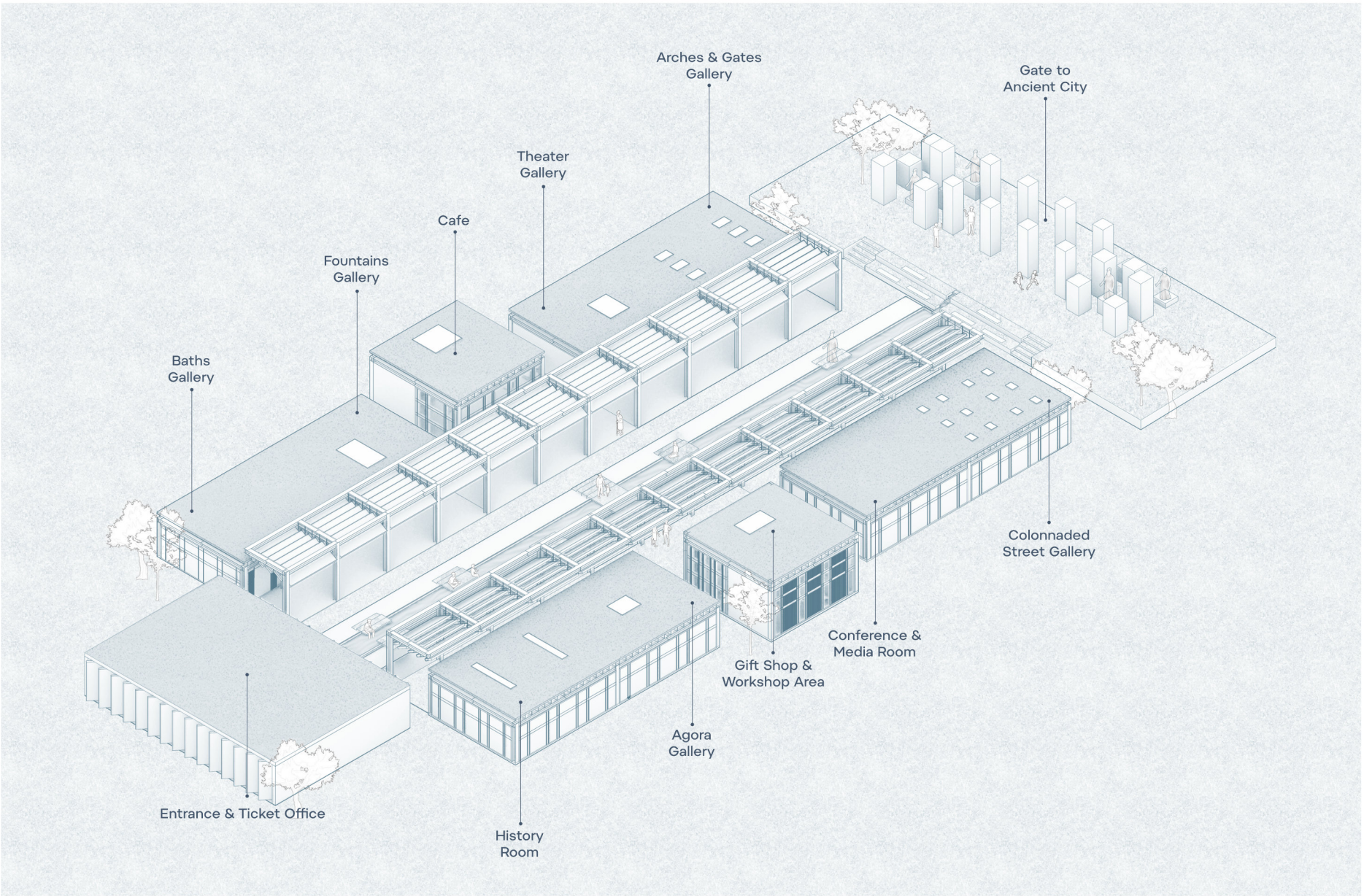
Arches / Gates Gallery



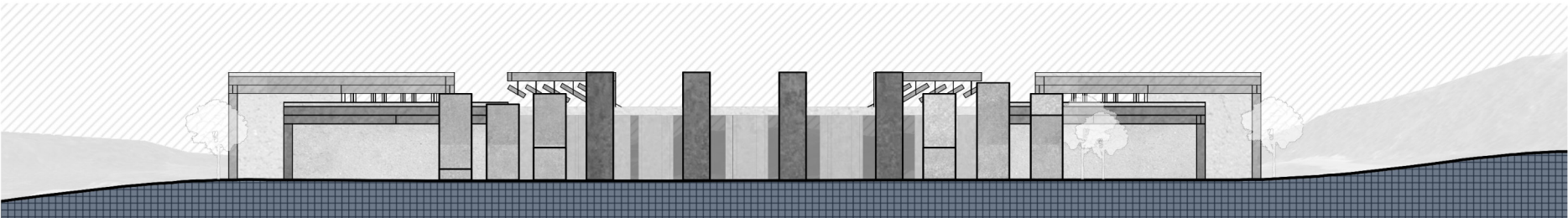
Baths Gallery



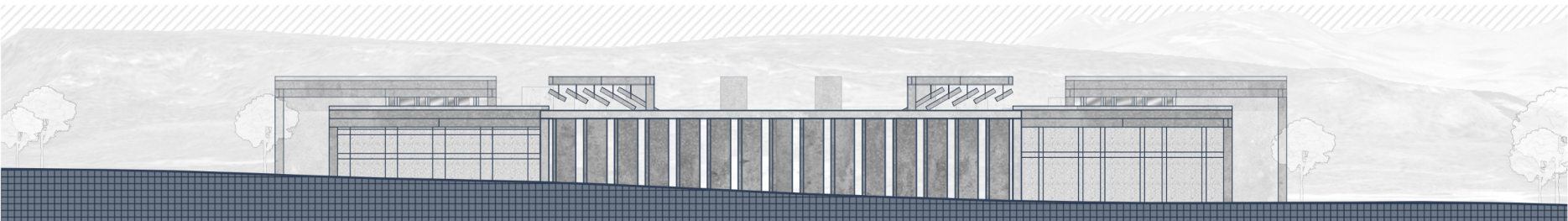
View from Portico



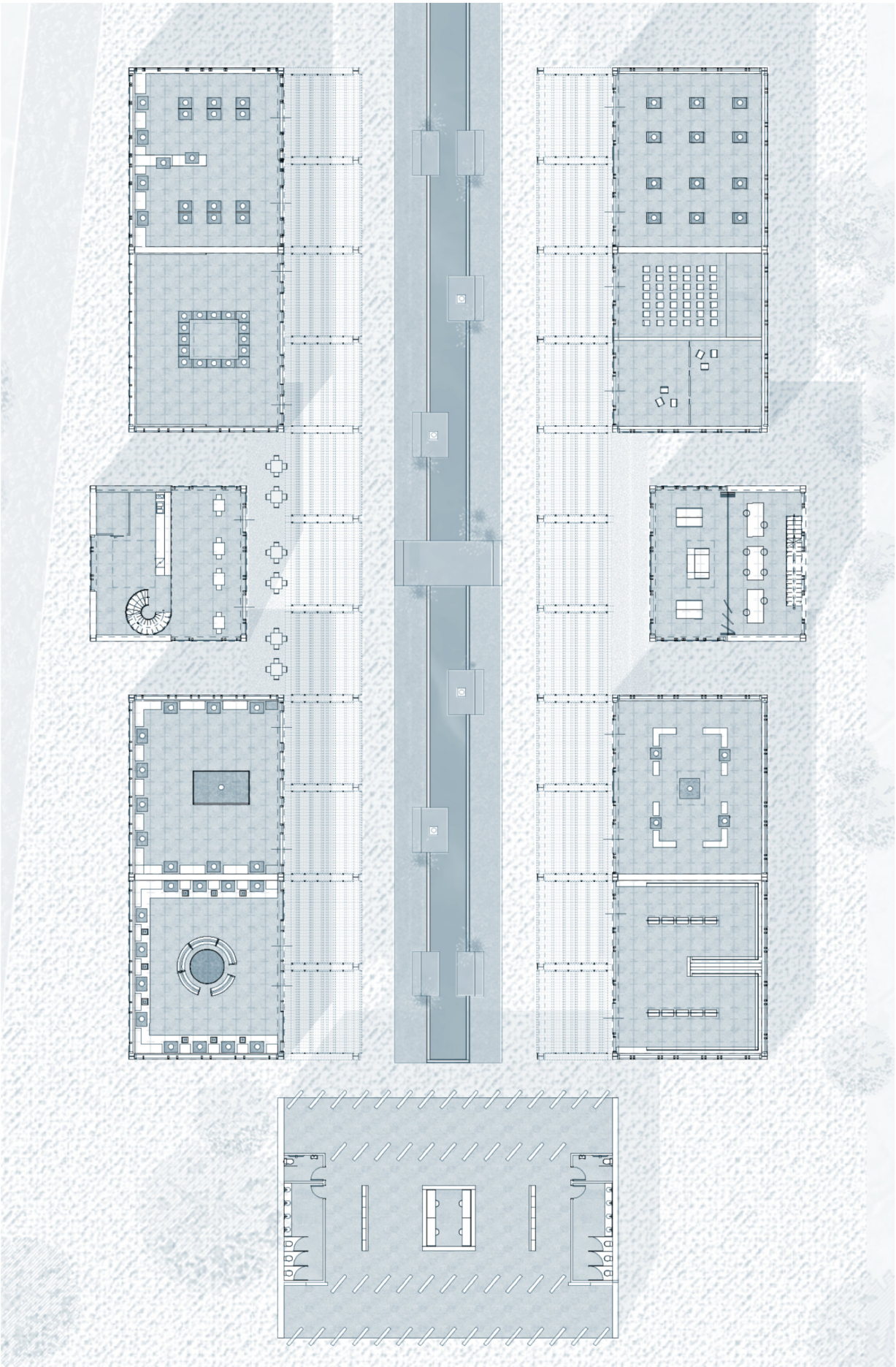
Key Axonometry Diagram



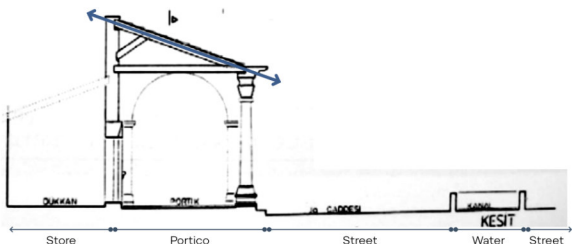
North Elevation



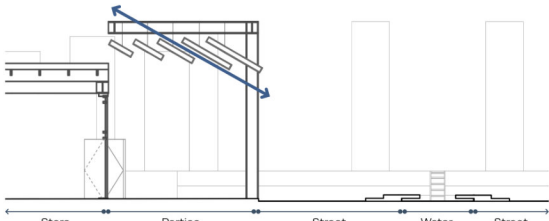
South Elevation



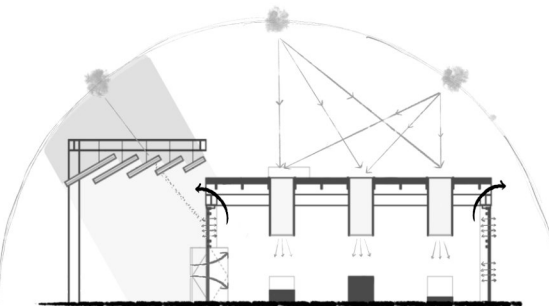
Ground Floor Plan



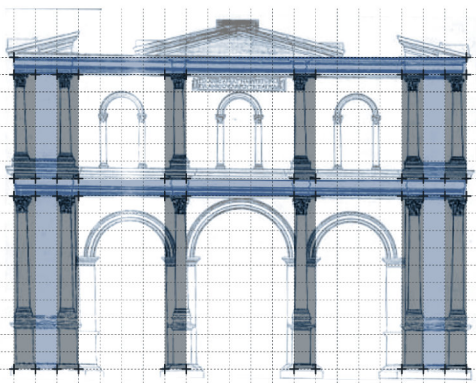
Section of Perge Ancient City Colonnaded Street



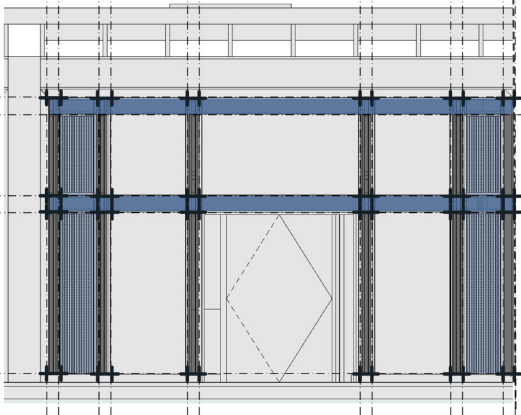
Section of Perge Proposed Colonnaded Street



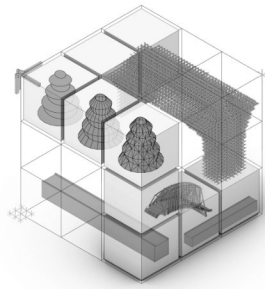
Climate Analysis



Ancient Elevation Rythm



Proposed Elevation Rythm



03

THE LIGHT WITHIN

Architectural Competition / Reuse Italy / Reuse the Abbey
Abbey of Santa Maria del Piano, Pozzaglia Sabina / Italy
2025



Rooted in Sabina, the 11th-century Santa Maria del Piano Monastery embodies rich cultural heritage. This proposal revives the abandoned site, bridging past and present to inspire personal discovery.

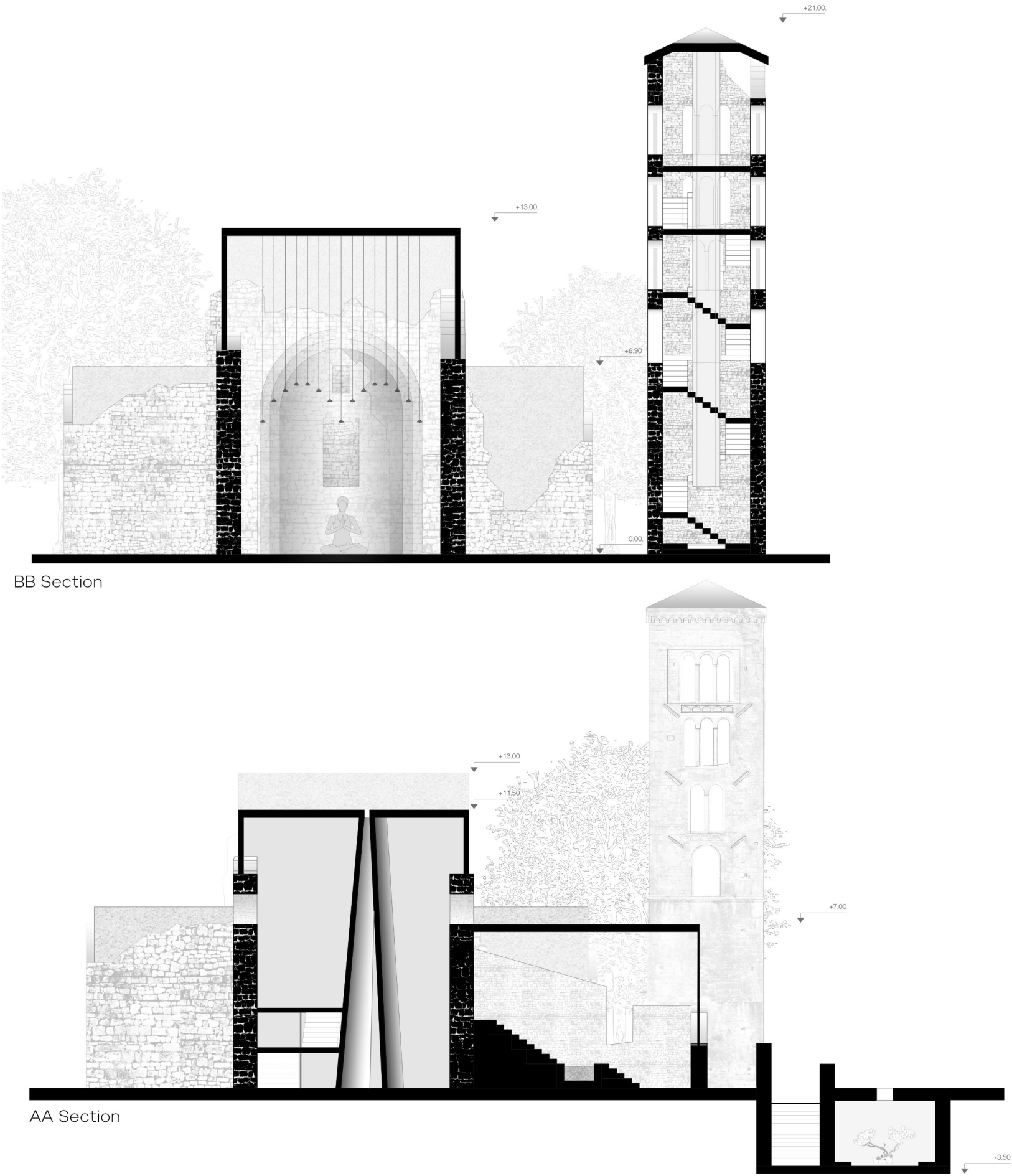
Visitors enter through a narrow corridor, symbolizing a journey from darkness to light, leading to the main meditation space. Here, a recreated cross-vault blends historical homage with modernity. The bell tower transforms into a meditation tower, where ascending its staircase mirrors the process of meditation. Landings align with windows, offering reflective glimpses, while a central lightbox illuminates the pool below, enhancing inner clarity.

Above ground, movement represents transcendence; below, the Zen garden fosters unity with nature. Restored elements use white concrete atop original stone, preserving the monastery's essence. This revitalized sanctuary merges history, nature, and self-exploration, offering a timeless retreat of harmony and renewal.



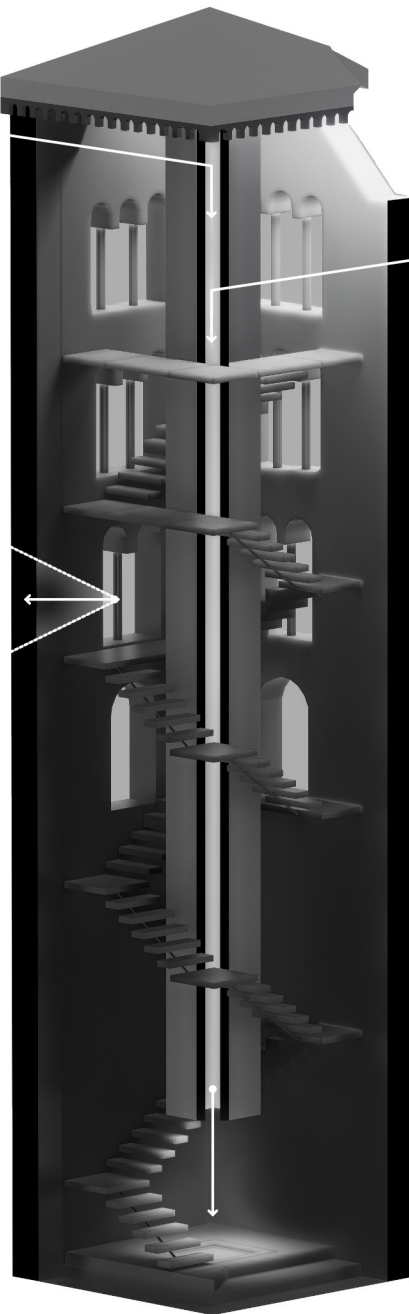


Meditation Room and the Reimagined Cross-Vault

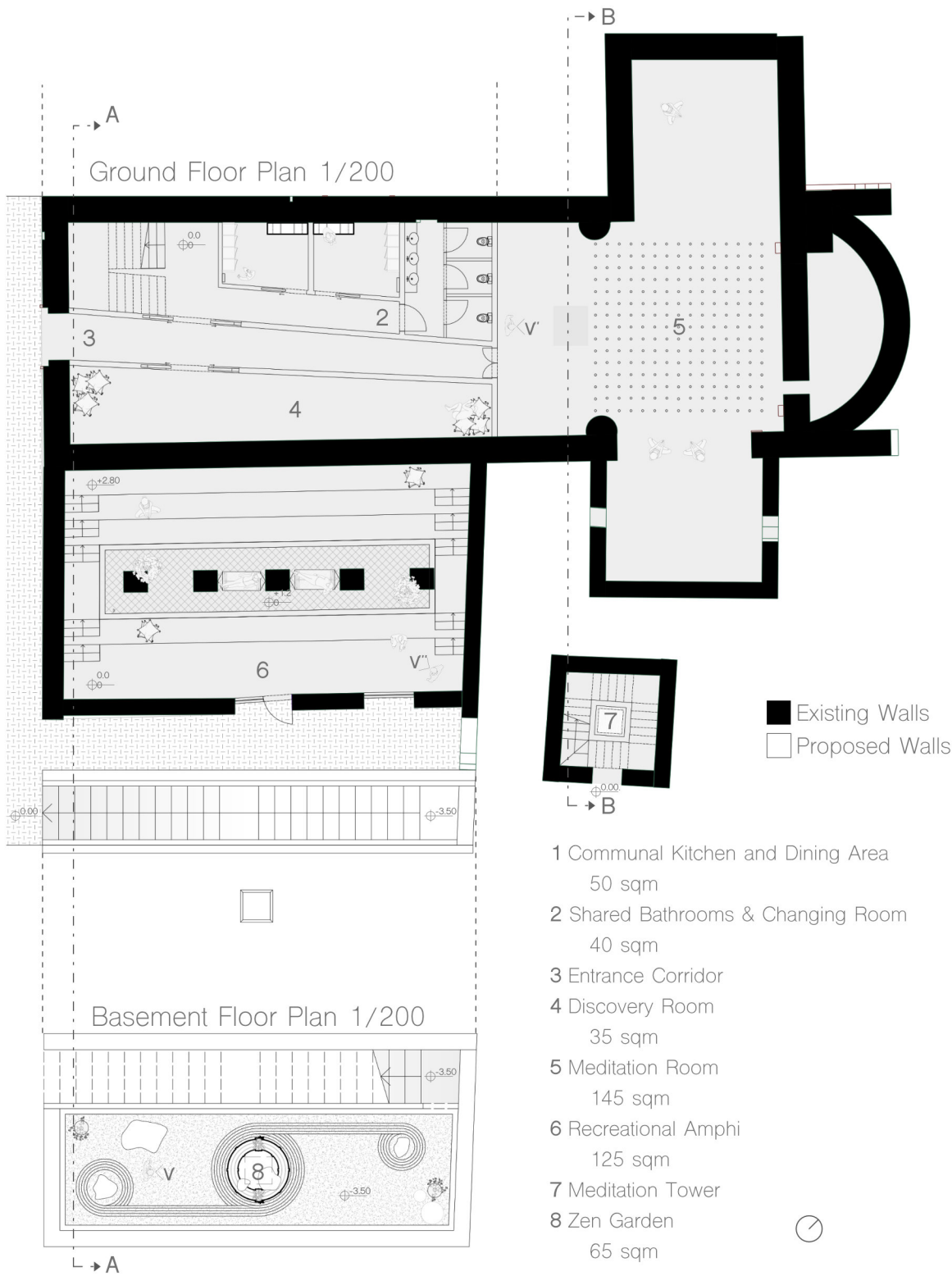


BB Section

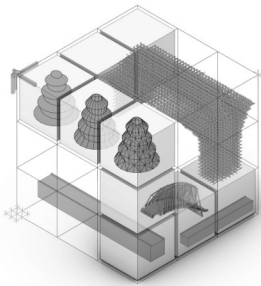
AA Section



Bell Tower "Journey" Diagram



Zen Garden



04

ARCHITECTURE AND RESTORATION

MSc. Architecture and Restoration
Museo Le Nuove / Torino
2023-2024

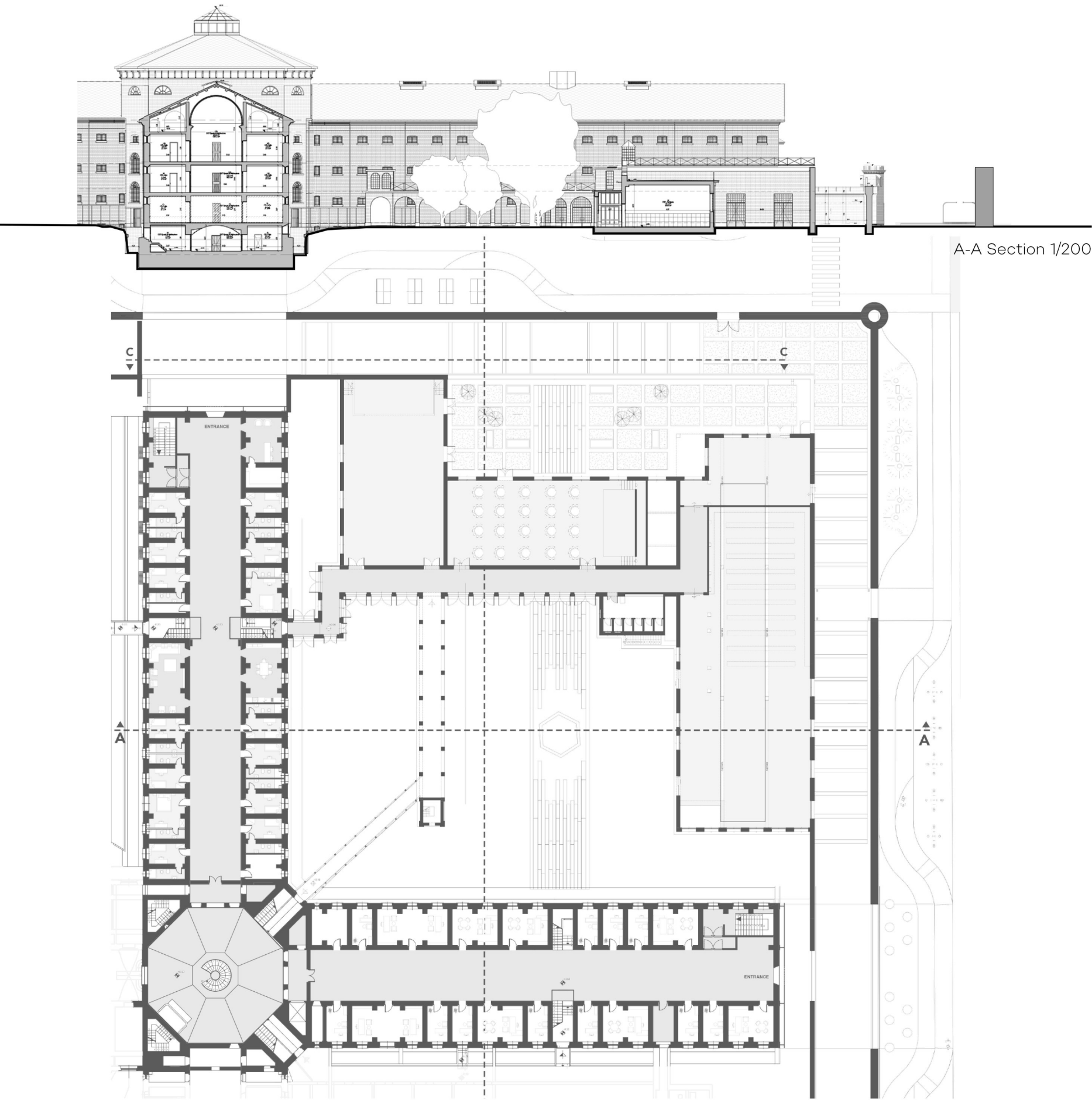


This design presents a conservation and adaptive reuse project, which integrates restoration principles with architectural and urban composition strategies. The project aims to cultivate a deep understanding of built heritage values while fostering sustainable and contextually aware interventions in existing structures.

Our proposal reimagines Le Nuove Museum in Torino as a multifunctional complex, incorporating a co-working space and dormitory located in a public and multifunctional masterplan. The design addresses urban safety concerns through a strategic façade illumination, enhancing nighttime visibility in critical areas. Decay analysis and detail drawings supplement the proposal, ensuring a comprehensive approach to conservation and adaptive reuse.

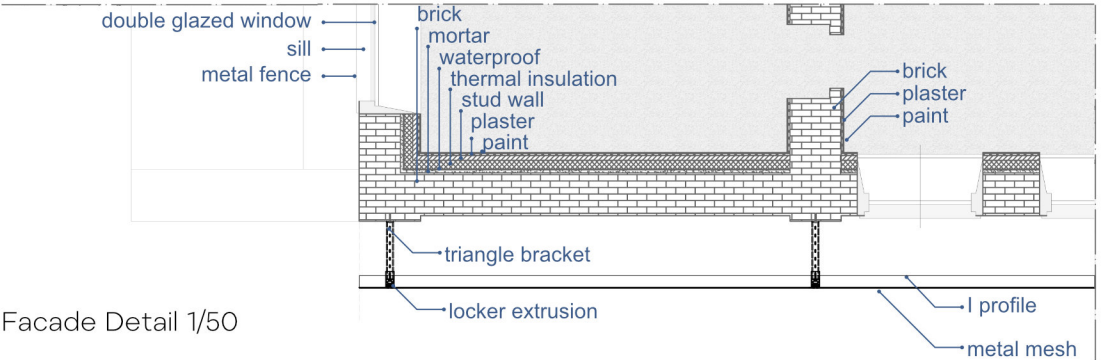


Axonometric Masterplan

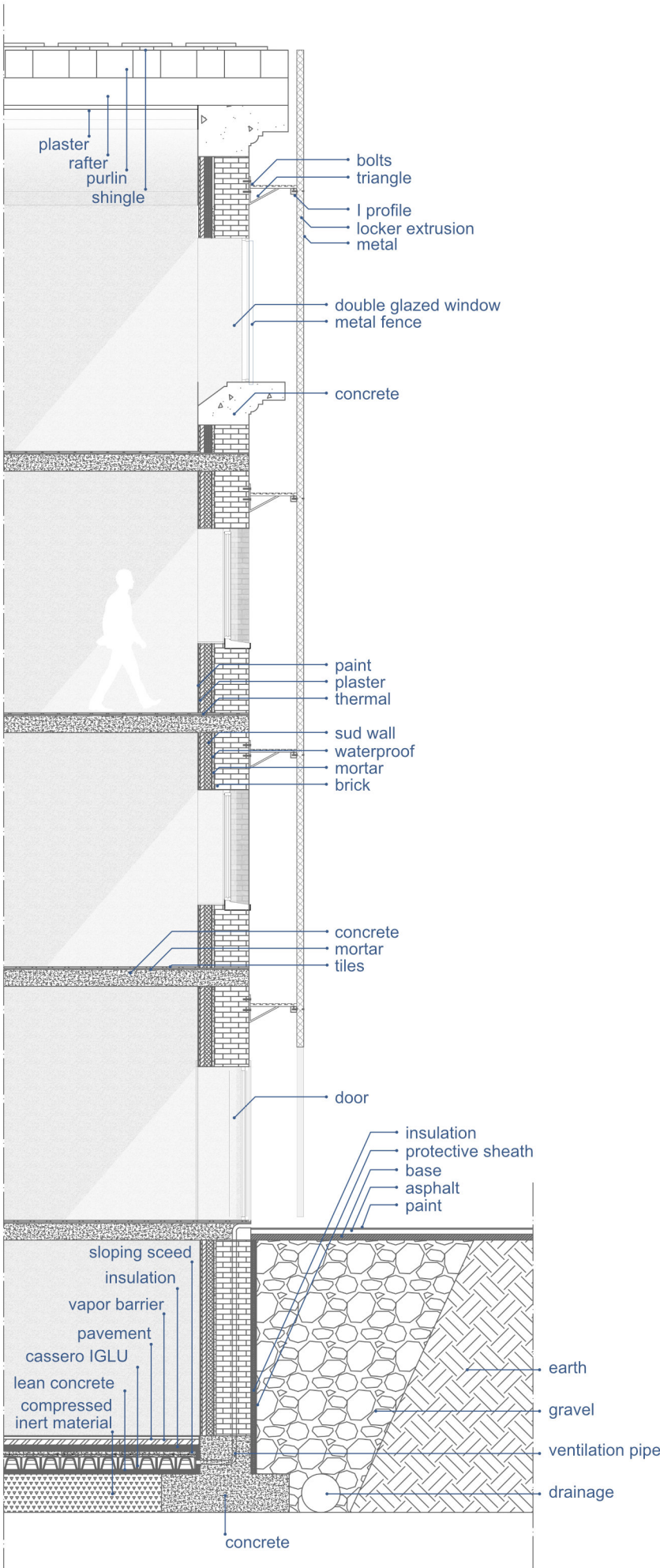


A-A Section 1/200

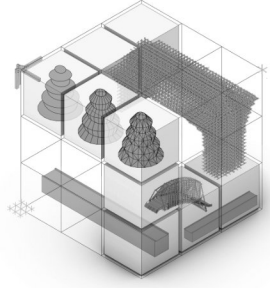
Ground Floor Plan 1/200



Facade Detail 1/50







05

ALGORITHM AIDED SHELTER DESIGN

BSc. Algorithm Aided Architectural Geometry
Taksim Square / Türkiye
2020-2021

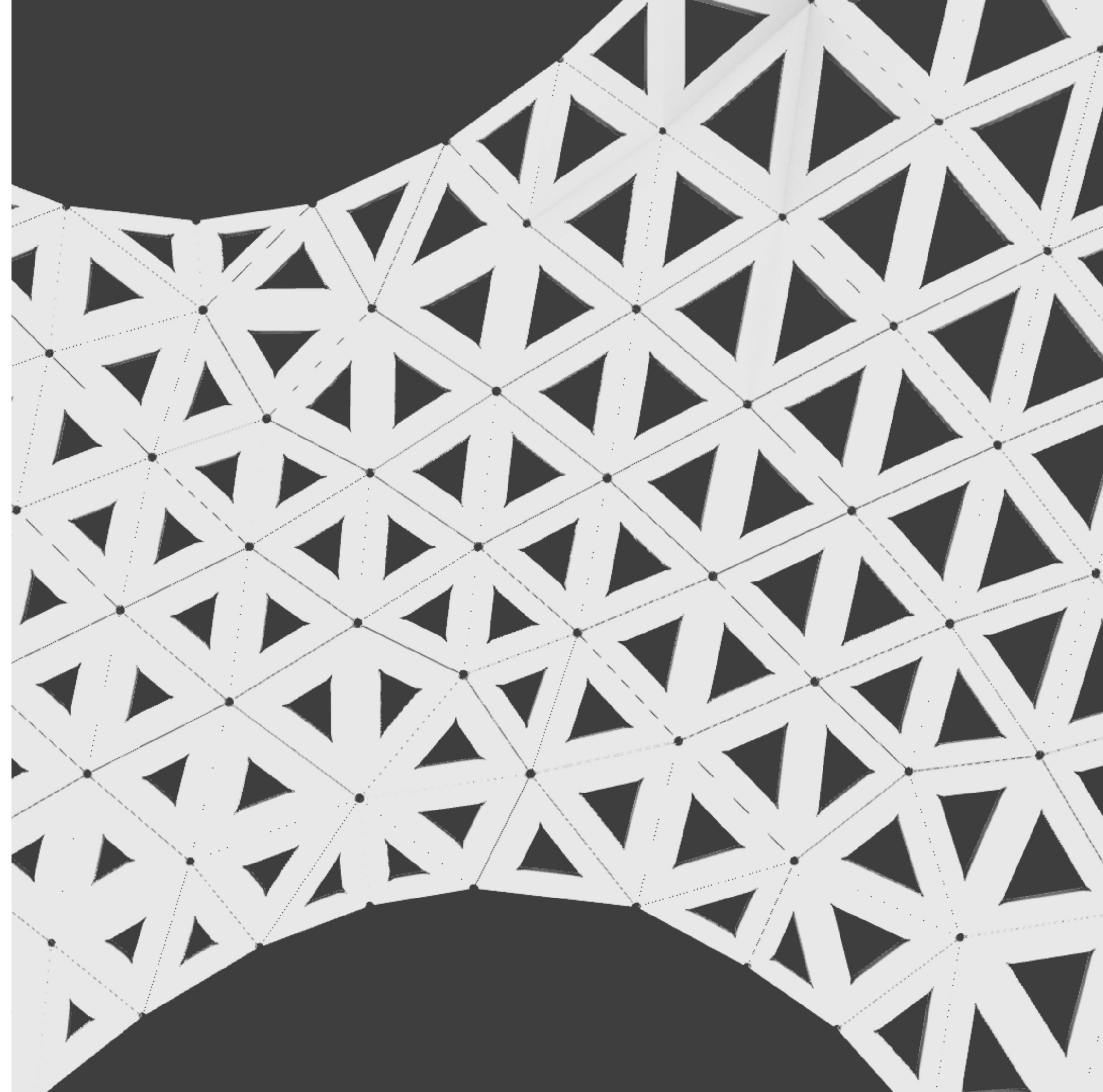


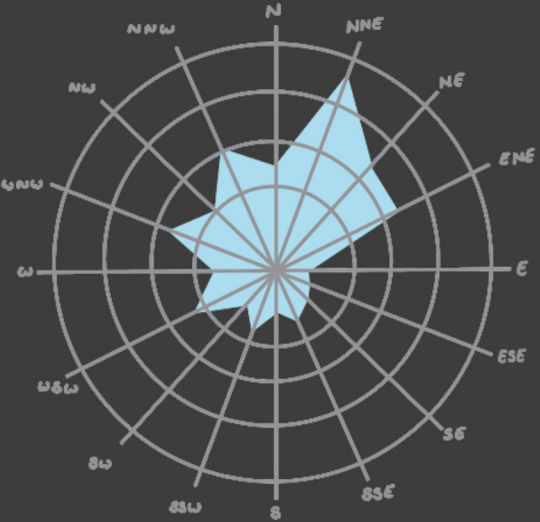
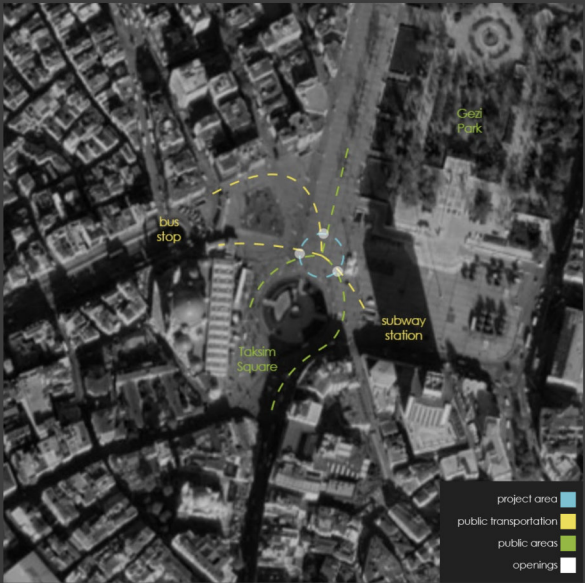
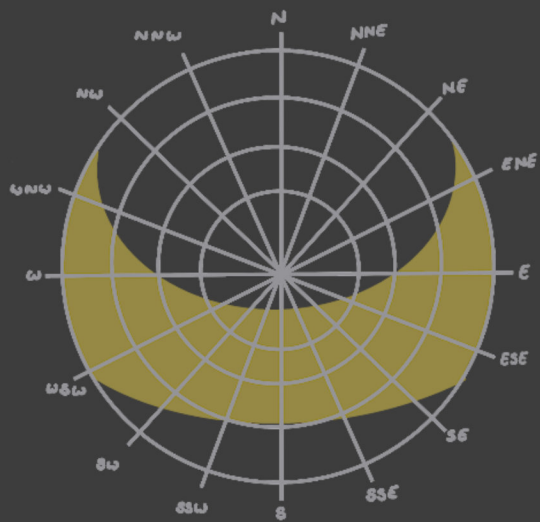
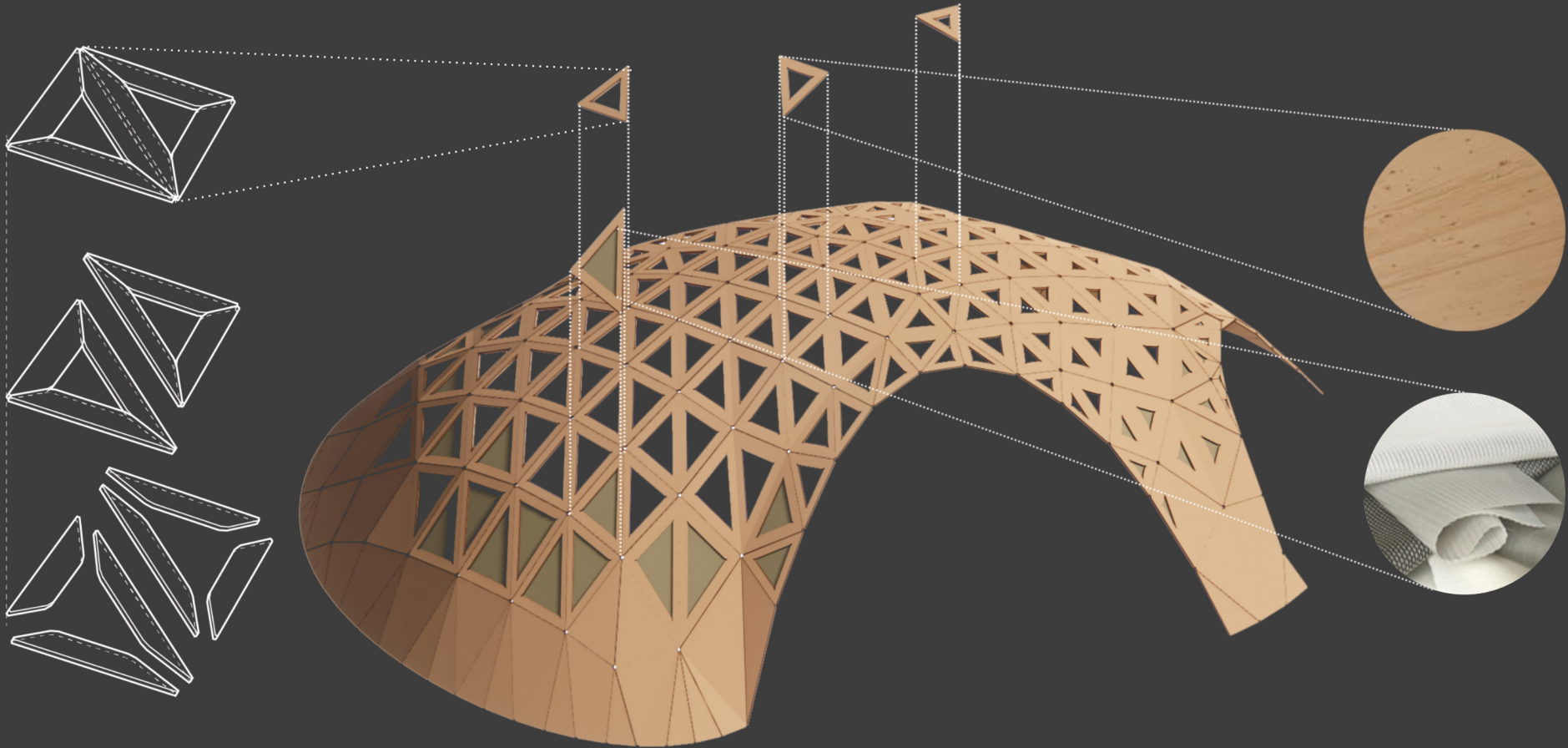
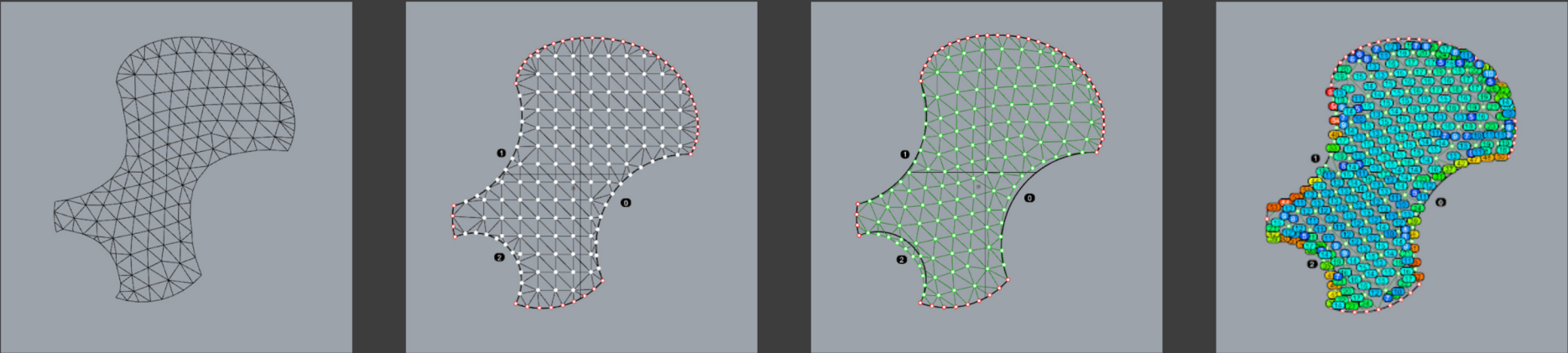
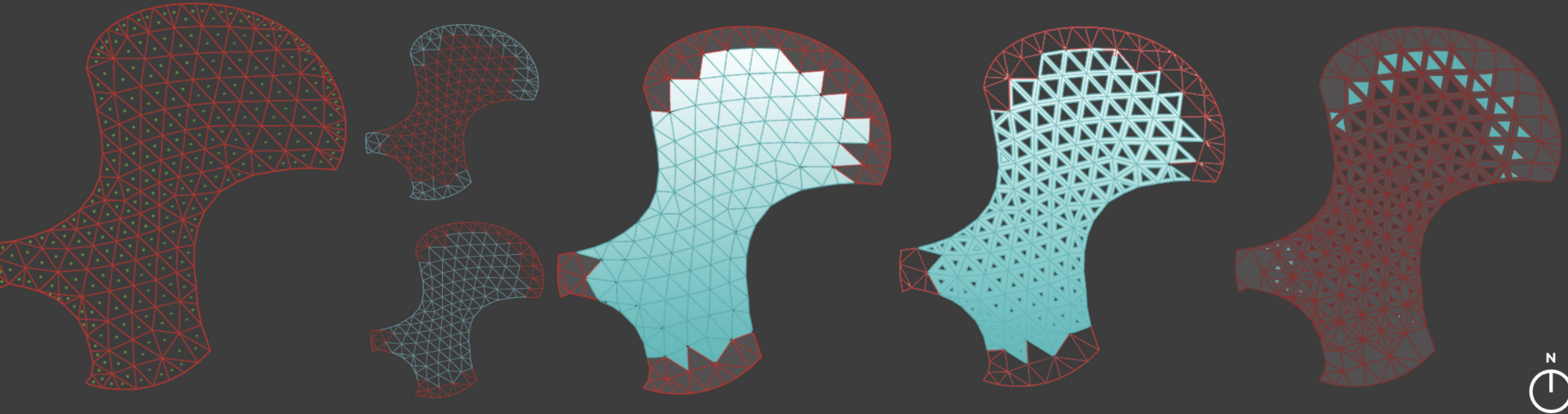
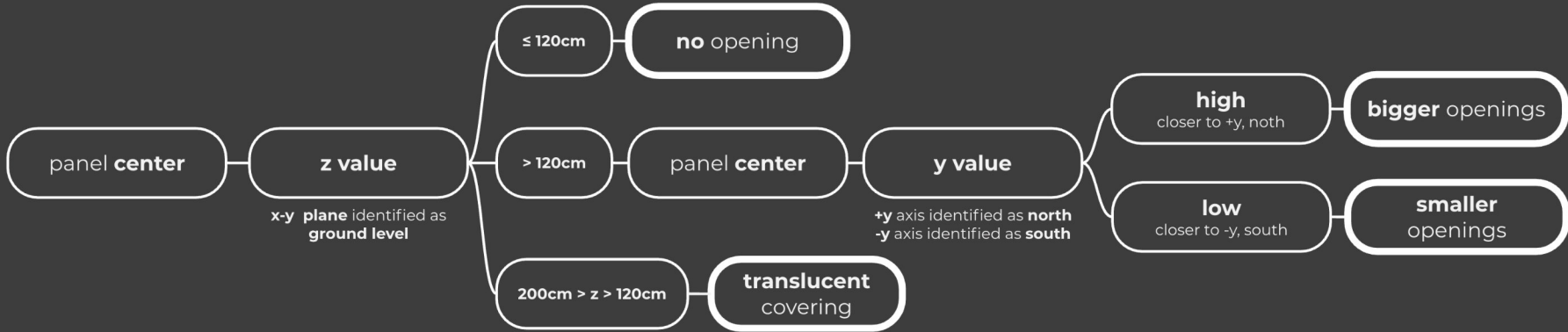
The aim for this project is to design a pavilion model that regulates wind and solar income parameters at any given location in order to form a controlled shelter for a comfortable experience.

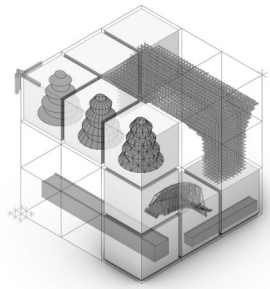
As an intersection point of dense circulation routes, Taksim Square lacks semi-open sheltered areas for the public. This was taken as a design opportunity to provide a shelter to function as a meeting point and passage that can also inhabit small scale street performances.

The main issue is to create a pavilion located on an unprotected square that regulates the wind effect and solar income to provide a comfortable shelter. The horizontal projection of the pavilion will be designed according to analysis that takes the wind parameters as an input and the openings on the shell will take the solar parameters as an input so that a pavillion can be generated for any place using the same principles.

Basic structural openings were decided according to the circulation mainly shaped by the subway station, bus stop and taksim square intersection.







06

Parametric Interior Architecture

MSc. Architecture Internship
De Leo & Drasnar Architects / Torino, Italy
2024



During my internship at De Leo & Drasnar Architects, I worked on a villa project in Veneria, focusing on parametric design. My tasks included site visits for accurate measurements and photographic documentation using laser meters and 360-degree videos. I then translated these details into a 2D plan using AutoCAD, creating floor plans with structural elements. I also developed a 3D model in Rhino to visualize the design, managing layers for clarity. Based on client requirements, I designed custom elements like a parametric bookshelf to hide a radiator and a modular cube library for flexibility. I worked on the design of children's rooms, a multifunctional basement, and various storage solutions. Additionally, I produced high-quality renderings with D5 software and presented the design to the client, incorporating feedback. My internship also included exposure to AI in architecture and real-world construction, broadening my perspective on architectural innovation and project execution.



