

architectural portfolio

Ali Kaan Soysal



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Architect

Contact



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Language

Turkish (Native)

English (B2)

Education

Master of Science in Settlement Archaeology

Middle East Technical University

- 2022- ongoing

Bachelor of Architecture

Middle East Technical University

- 2017-2022

Abilities

Revit



Lumion



Autocad



Rhino



SketchUp



Blender



Photoshop



Illustrator



Recap



Experiences

Cumhur Gürel Architecture (2022-2023)

Architect

- Being a part of design, restoration, and planning phases
- Utilizing software such as AutoCAD to create plans, sections and elevations.
- Maintaining post-construction relationships and contributing to portfolio development.

Notion Ancient City Excavations (2023)

Excavation Architect

- Site documentation
- Digitalization

Motto Architecture (2022)

Intern Architect

- Producing diagrams, site plans, and construction drawings
- Render post-production

Can Construction (2021)

Intern Construction Architect

- Controlling architectural manufacturing
- Editing the construction drawing according to the site conditions

Cumhur Gürel Architecture (2021)

Intern Architect

- Producing documentation drawings

Yaren Cooperative (2020-ongoing)

Volunteer

- Project writing and coordination
- Training new members

Nysa Ancient City Excavations (2020)

Intern Excavation Architect

- Site documentation and producing documentation drawing
- Modelling ancient buildings

Zafer Keskin Engineering (2019)

Intern

- Performing quantity take-off



IMMCC



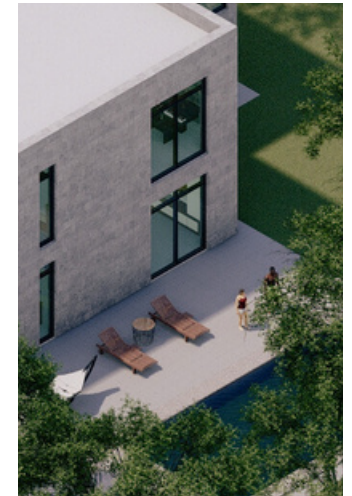
HYPOGEUM



THERA-PATH



CO-CULTURA



WEEKEND
HOUSE

UNDERGRADUATE WORKS

6



DEVELİOĞLU
BRIDGE

7



BİÇER KONAĞI

8



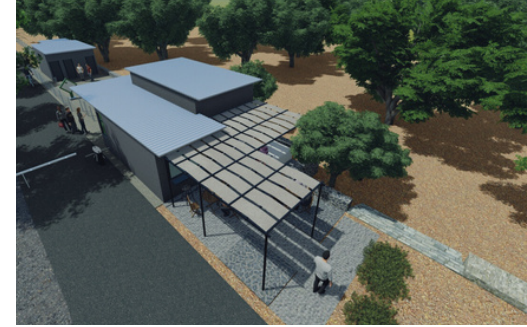
PRUSİAS
ANCIENT
THEATER

9



GÖKÇELİK
KONAĞI

10



ADDITIONAL
WORKS

PROFESSIONAL WORKS

IMMCC

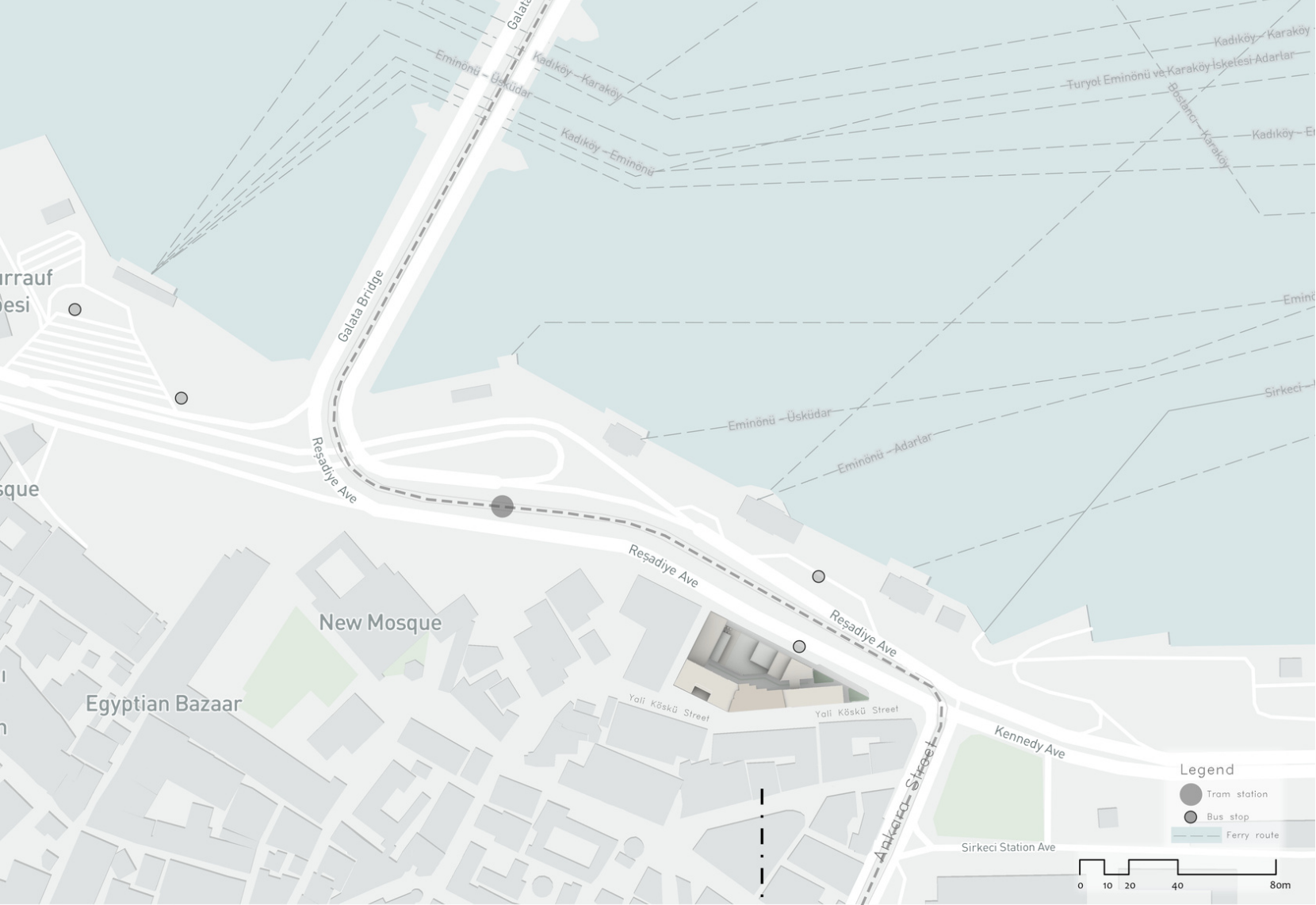
ISTANBUL MUSEUM of MATERIAL CULTURE and COMMERCE

4th Year Design Studio Work I 2022

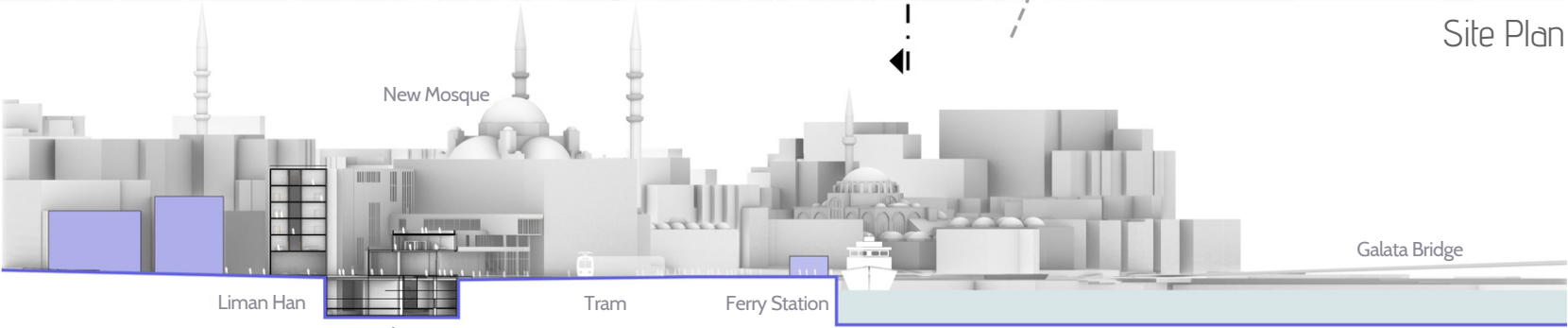
IMMCC is a captivating space in Eminönü/Istanbul that seamlessly blends *history*, *art*, and *commerce* to create an immersive and educational *experience* for visitors.

The museum's interior layout guides visitors through a *labyrinth* of exhibition spaces, each thoughtfully designed to reflect the unique historical period it represents and wraps the historical building at the site. Also, the spaces like conference hall, shops, cafe, workshops contribute the *public role* of the museum both architecturally and socially.



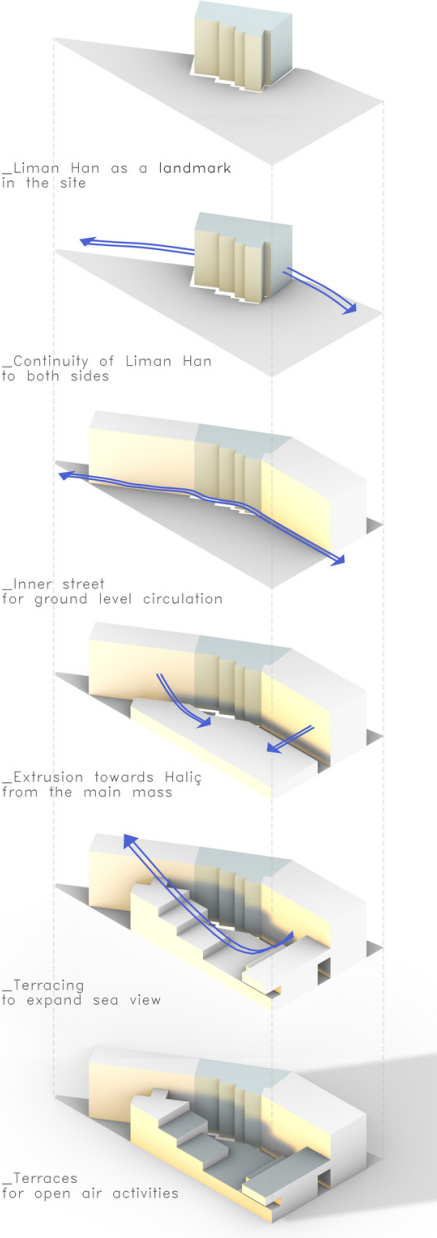


Site Plan



Site Section

Mass Configuration





Ground Floor Plan

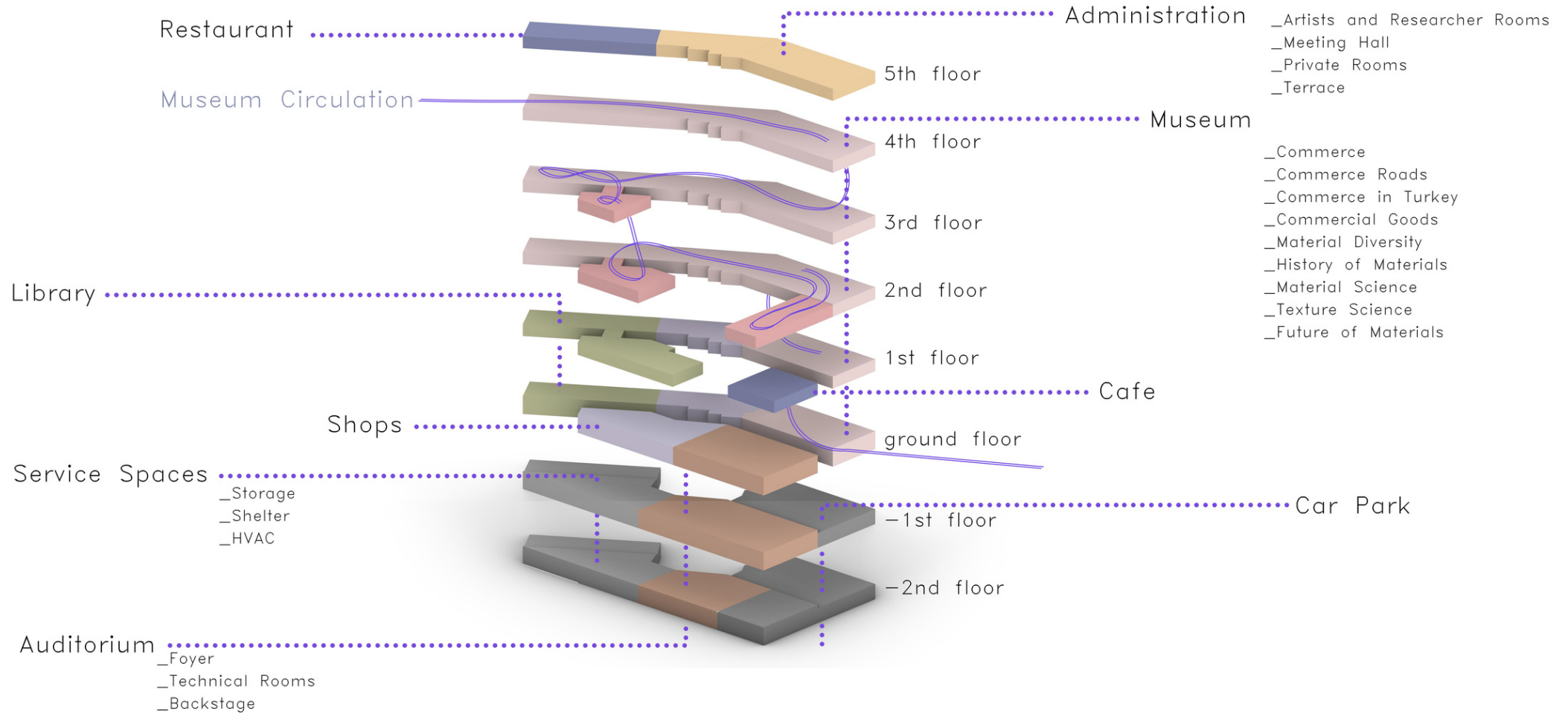


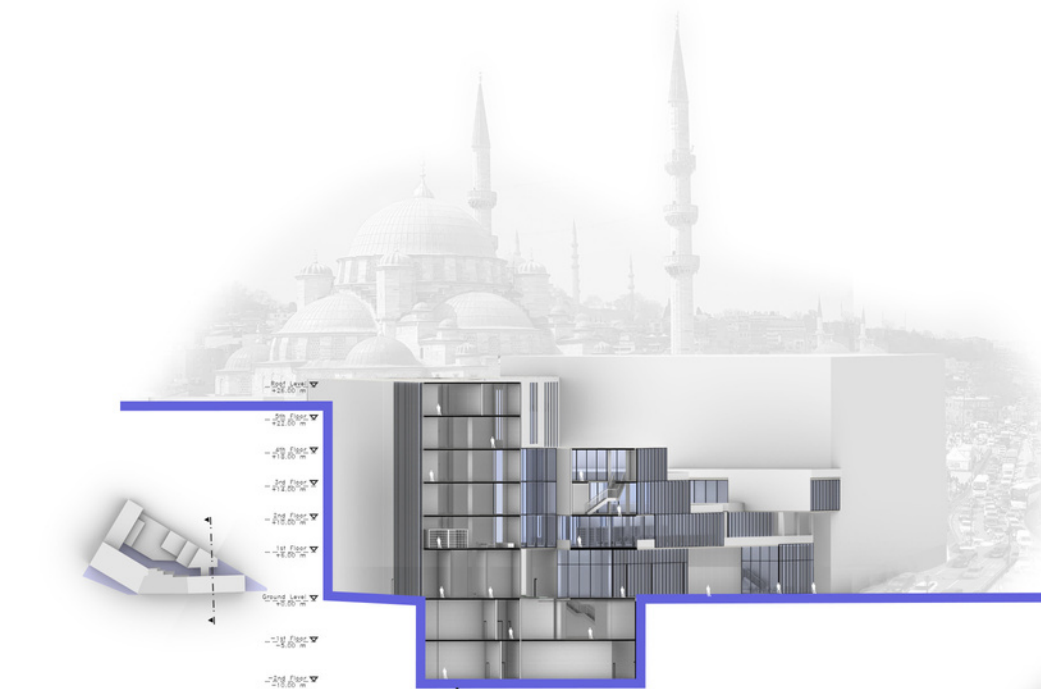
First Floor Plan



Second Floor Plan

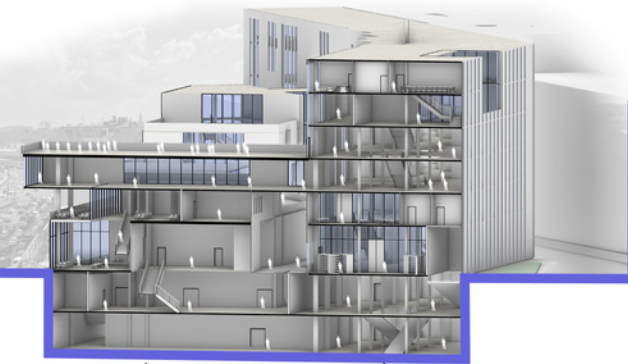
Program Distribution





Section AA

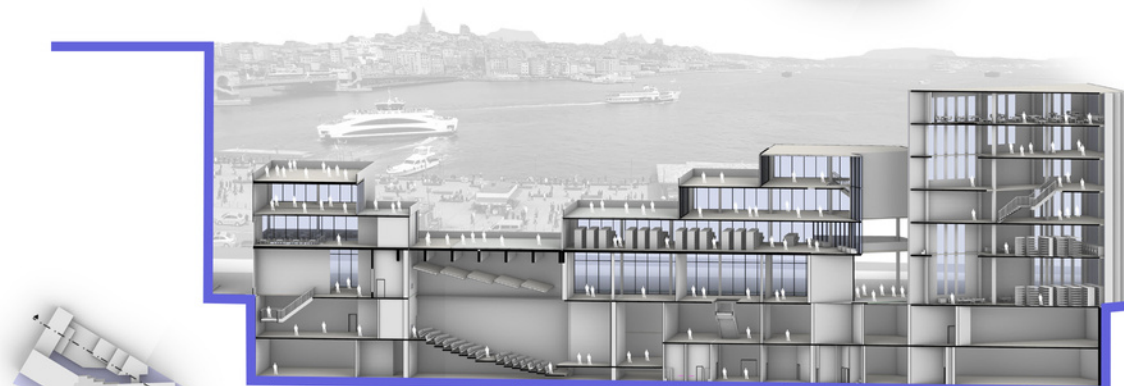
- Roof Level
+23.60 m
 - 5th Floor
+19.60 m
 - 4th Floor
+18.60 m
 - 3rd Floor
+17.60 m
 - 2nd Floor
+16.60 m
 - 1st Floor
+15.60 m
 - Ground Level
+14.60 m
 - 1st Floor
+13.60 m
 - 2nd Floor
+12.60 m
- Restaurant
 - Museum
 - Museum
 - Library
 - Library
 - Archive
 - Multimedia and Shelter



Section BB

- Temporary Exhibition Hall
- Cafe
- Foyer
- Car park
- Administration
- Administration Entrance
- Museum
- Museum
- Museum Shop
- Bookshop
- Car Park
- Car Park

- Roof Level
+23.60 m
- 5th Floor
+19.60 m
- 4th Floor
+18.60 m
- 3rd Floor
+17.60 m
- 2nd Floor
+16.60 m
- 1st Floor
+15.60 m
- Ground Level
+14.60 m
- 1st Floor
+13.60 m
- 2nd Floor
+12.60 m



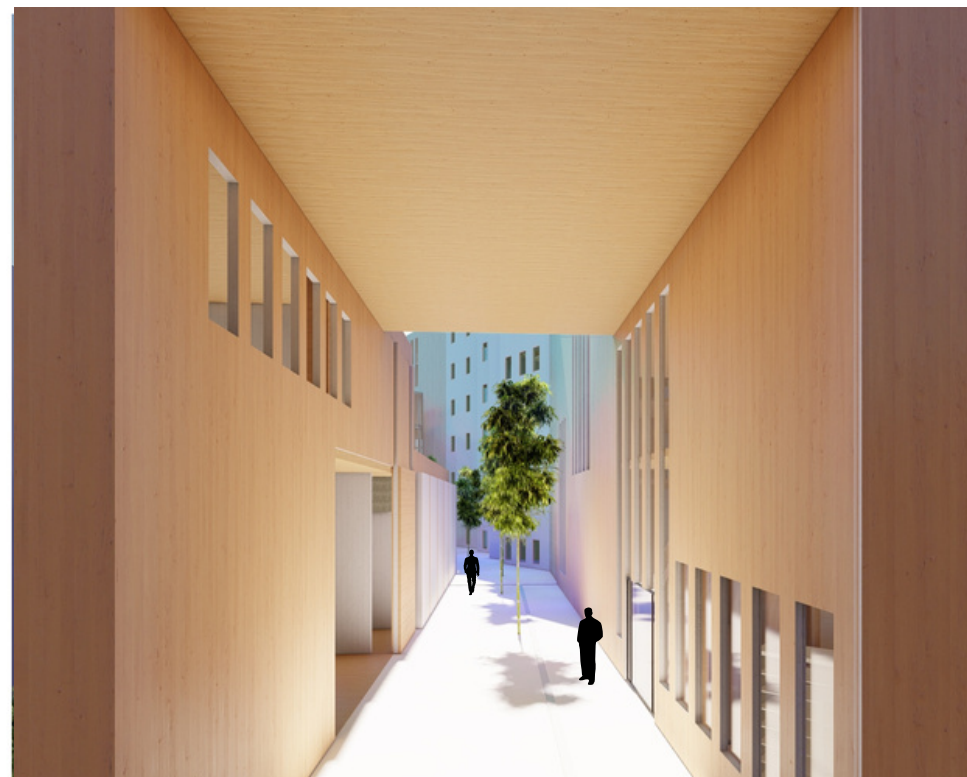
Section CC

- Temporary Exhibition Hall
- Auditorium
- Terrace
- Temporary Exhibition Hall
- Restaurant
- Museum
- Museum
- Library
- Shop
- Shop
- Backstage
- Multimedia and Archive
- Shelter

- Roof Level
+23.60 m
- 5th Floor
+19.60 m
- 4th Floor
+18.60 m
- 3rd Floor
+17.60 m
- 2nd Floor
+16.60 m
- 1st Floor
+15.60 m
- Ground Level
+14.60 m
- 1st Floor
+13.60 m
- 2nd Floor
+12.60 m

Scan for
Virtual Tour!





HYPOGEUM

An Olive Oil Museum in the Aegean Coast

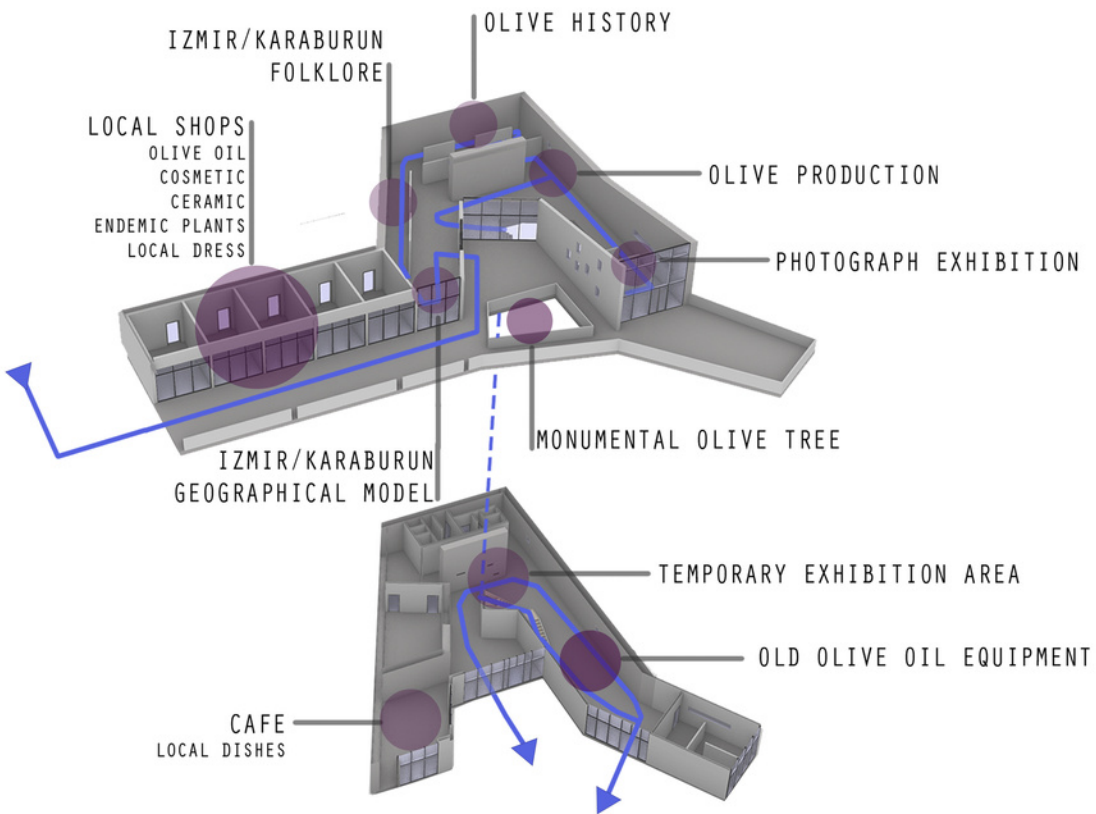
3rd Year Design Studio Work | 2021

Hypogeum is a *productive* and *protective complex* including social, industrial, and cultural activities in it. Nestled along the picturesque coast of the Aegean Sea, Hypogeum proudly celebrates the *ancient artistry of olive oil production*, captivating visitors with its architectural features and the complexity of its sprawling complex.

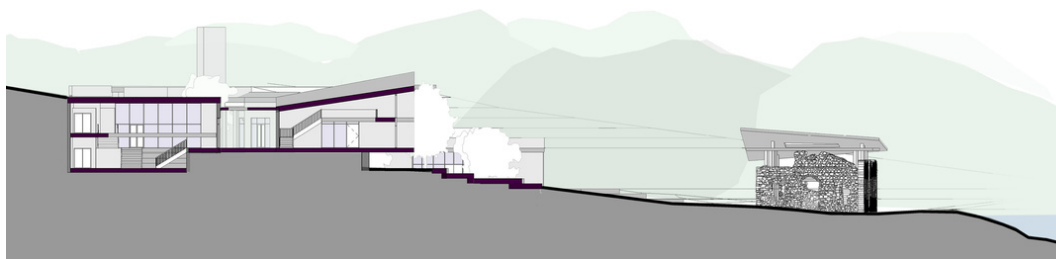
As you explore the complex, you'll discover the intricacies of olive oil production. A series of *interconnected exhibitions, workshops, and open spaces* guide visitors through the entire process, from the cultivation of olive groves to the final pressing of olives into liquid gold.



MUSEUM EXPERIENCE DIAGRAM



Scan for
Virtual Tour!



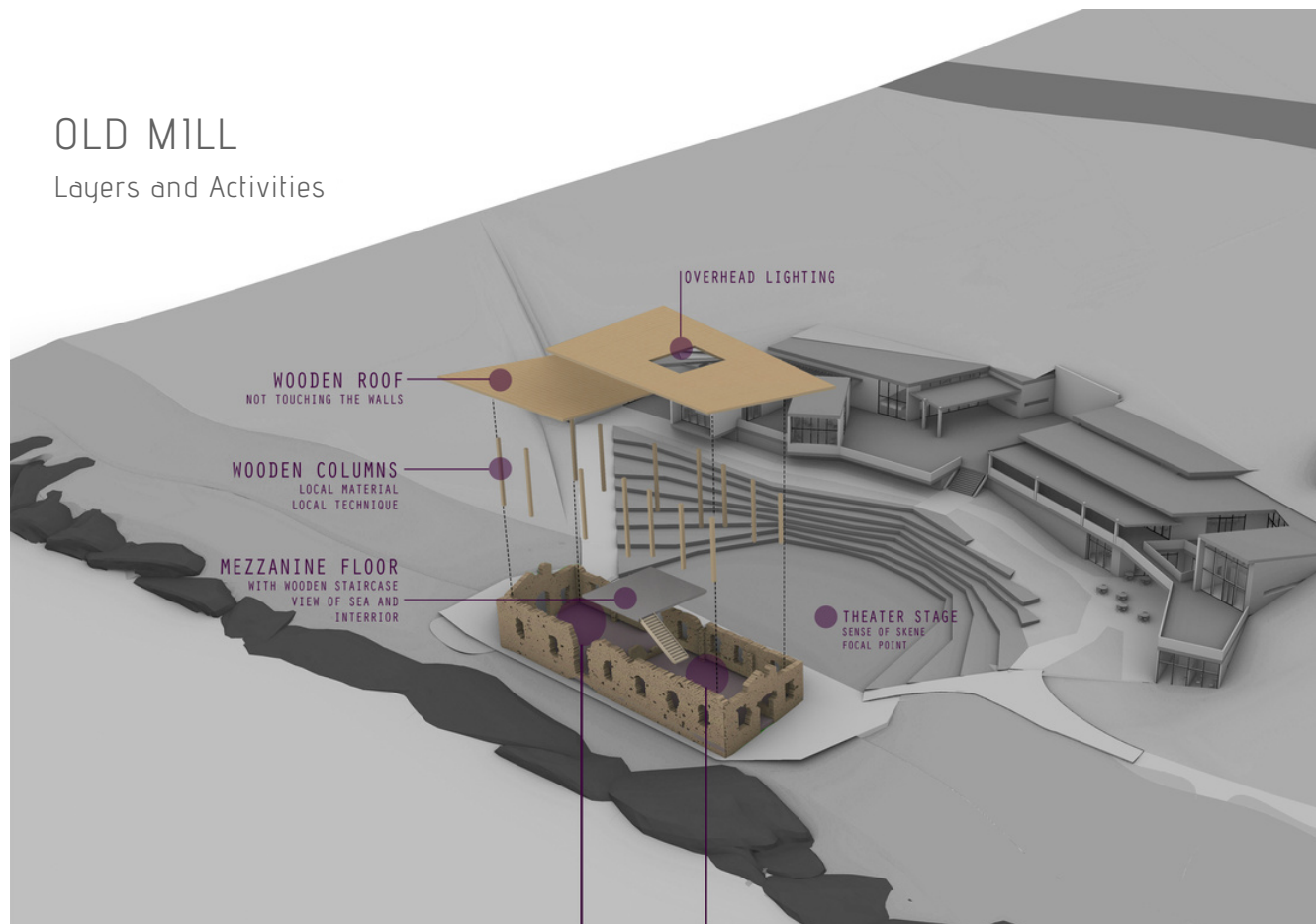
Section AA



Section BB

OLD MILL

Layers and Activities



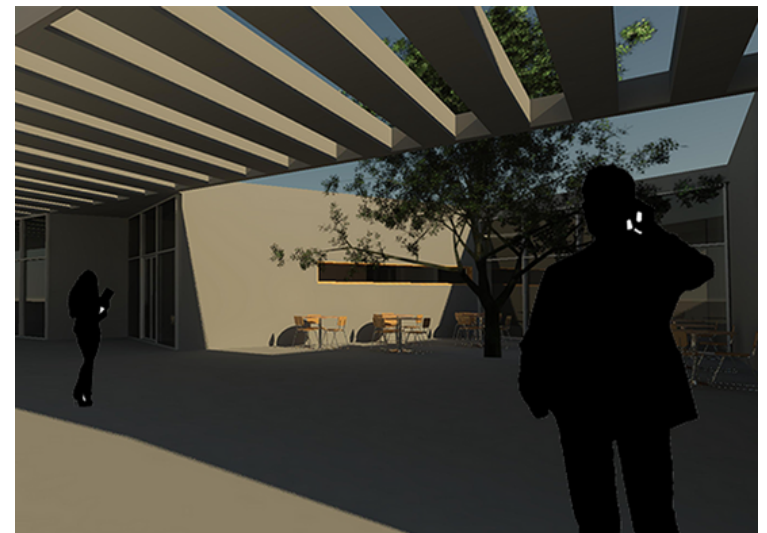
VIRTUAL REALITY HALL

ANCIENT OLIVE OIL
PRODUCTION VISUALIZATION
IN AN OLD MILL



EXHIBITION HALL

TEMPORARY EXHIBITION
CONCERTS
ART GALLERY



THERA-PATH

A Center for Proactive Public Health and Therapeutic Short-Term Accommodation

3rd Year Design Studio Work | 2020

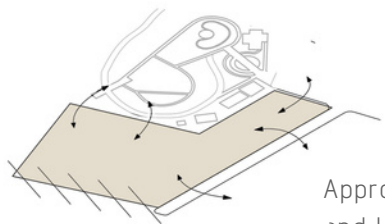
THERA-Path represents a visionary architectural project that combines the essential elements of *healthcare*, *temporary accommodation*, and *community engagement* within an urban space.

The design concept revolves around harmoniously blending the modernity of healthcare facilities and accommodation units with the natural beauty and tranquility of the neighboring public park.

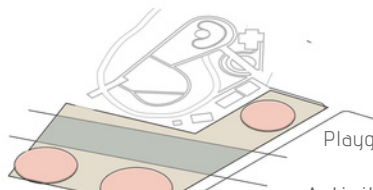
The heart of the project lies in its commitment to community engagement and the promotion of proactive public health. Public open spaces, seamlessly integrated with the public park, will feature sport zones, raised walking paths, meditation areas, and urban farm spaces. These spaces will be accessible to all, promoting physical and mental well-being within the community.



SITE DECISIONS



Approaches
and Limits

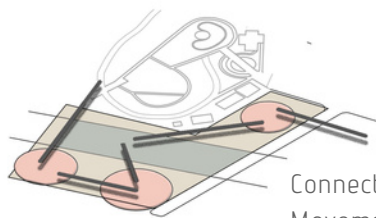


Playground

Activity Zones
and Built Area

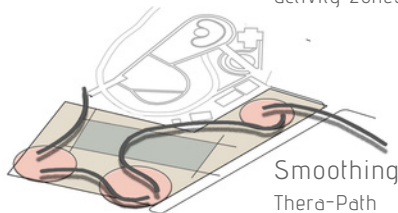
Open Air
Yoga

Urban
Farming



Connection and Therapeutic
Movement

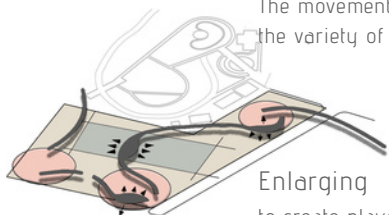
Between built environment and
activity zones: Thera-path



Smoothing
Thera-Path

Enriching

The movement and
the variety of the view

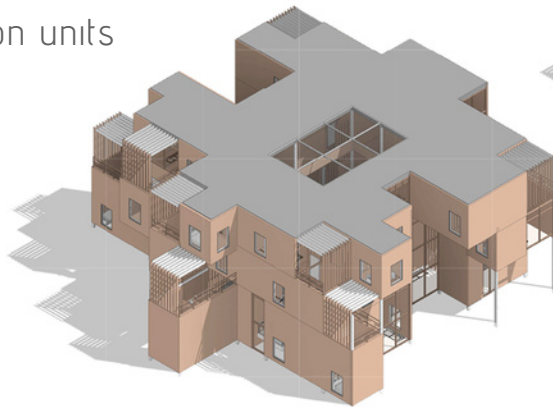


Enlarging

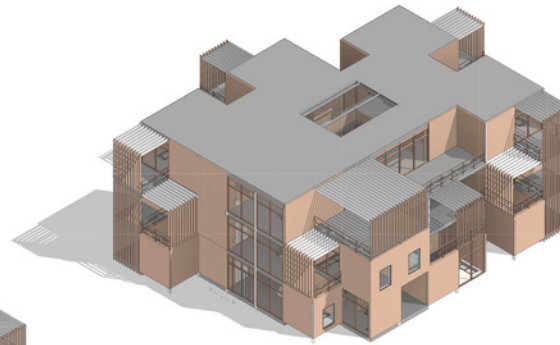
to create playground, observation
node, access to the buildings, etc.



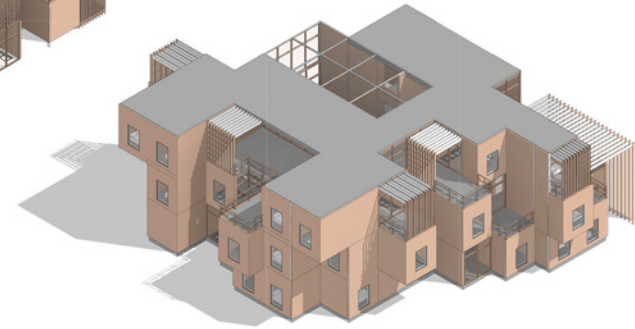
SPATIAL ORGANISATION DIAGRAM of accommodation units



A Block



B Block

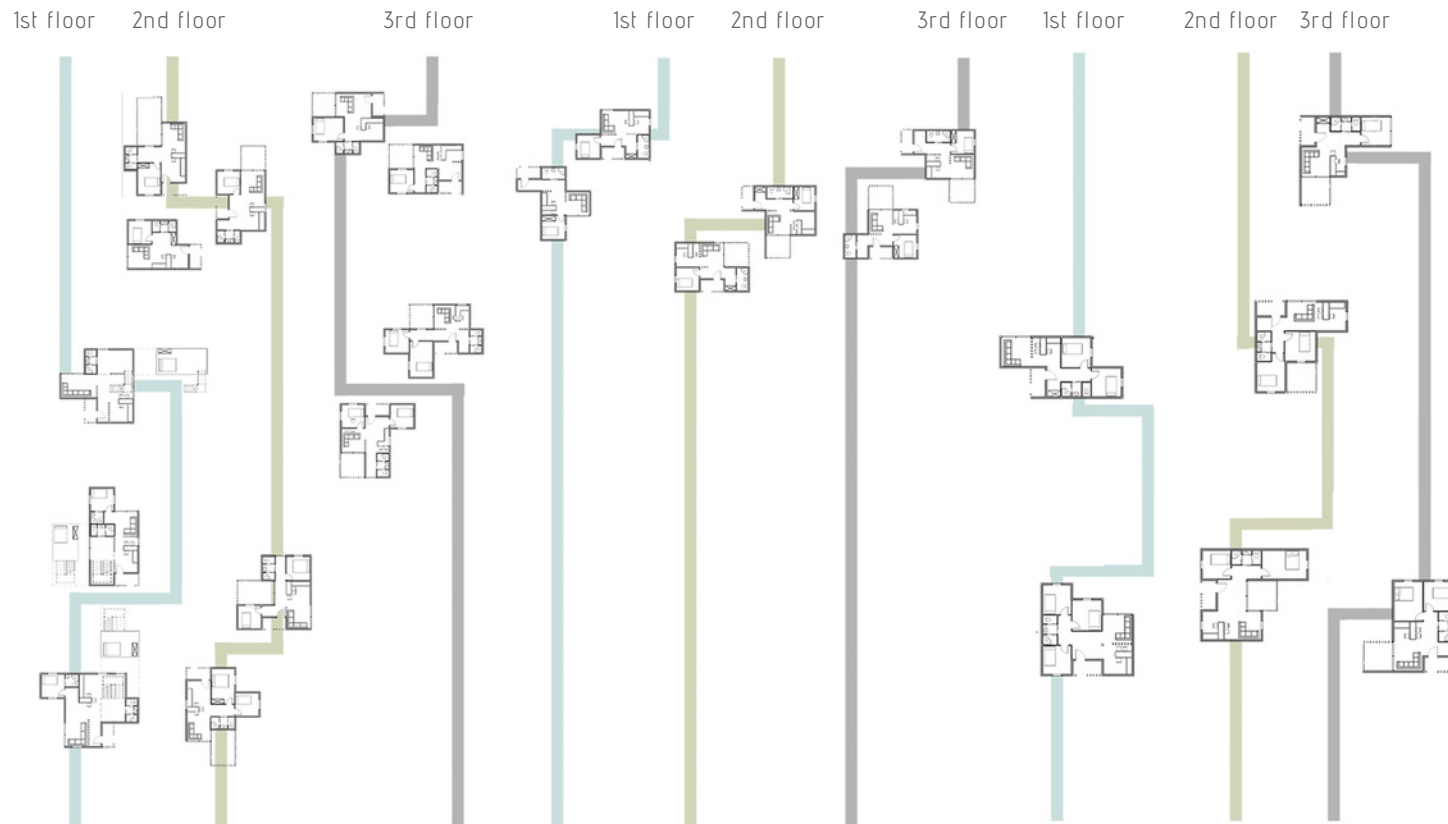


C Block


single person

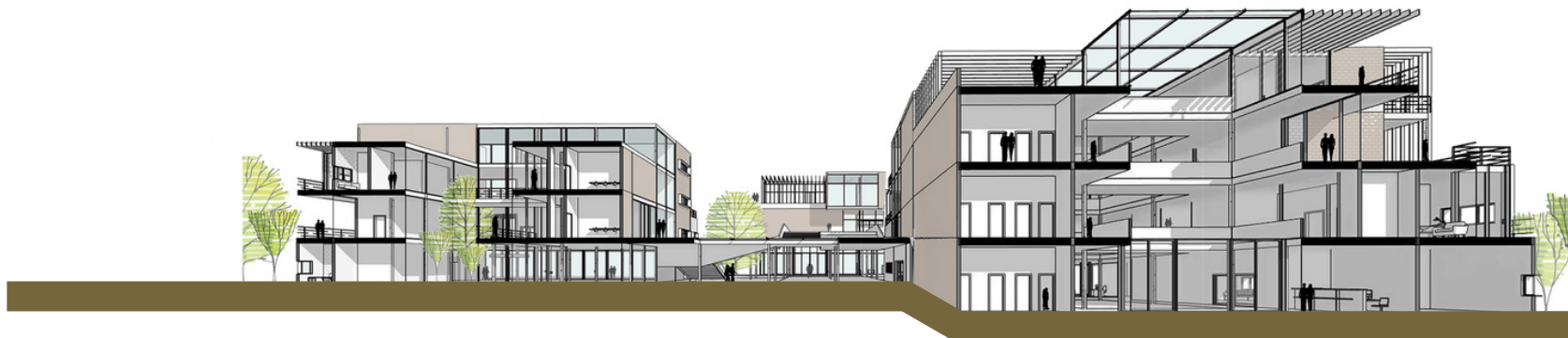

two people


three people





Section AA



Section BB



Section CC





Scan for
Virtual Tour!



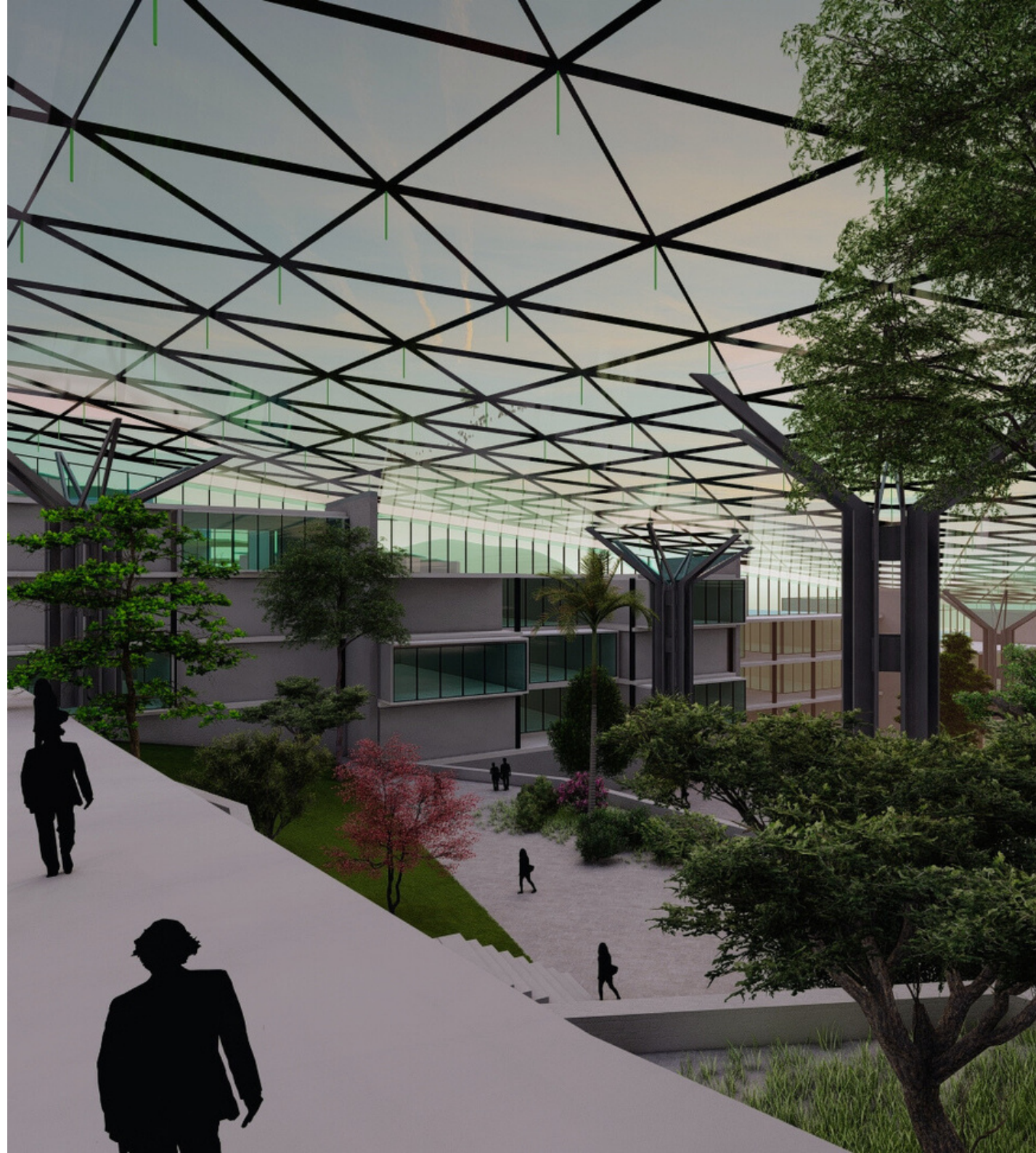
CO-CULTURA

ENVISIONS of URBAN PRODUCTIVITY and SUSTAINABILITY in ÇUBUK DAM BASIN

4th Year Design Urban Design Studio Work | 2021

Co-Cultura is an *innovative and forward-thinking* urban project designed to shape the future of future generations. Located in the picturesque surroundings of Çubuk 1 Dam, this ambitious venture seamlessly combines the latest technology with *advanced agricultural techniques*. These techniques are applied in *biomes* where different climatic conditions can be achieved. Co-Cultura is a testament to our commitment to *sustainable* development, where the delicate balance between nature and technology is maintained harmoniously.

This visionary project promises to revolutionize agricultural practices, as well as pave the way for a brighter and more environmentally friendly future with its education, production, research and social opportunities. Co-Cultura is where tradition meets innovation, ensuring that the legacy of these fertile lands is passed on to future generations.



SCENARIO DIAGRAM



Community Spaces

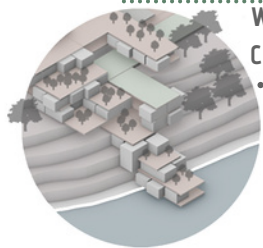


Soilless Agriculture

- Vertical farming

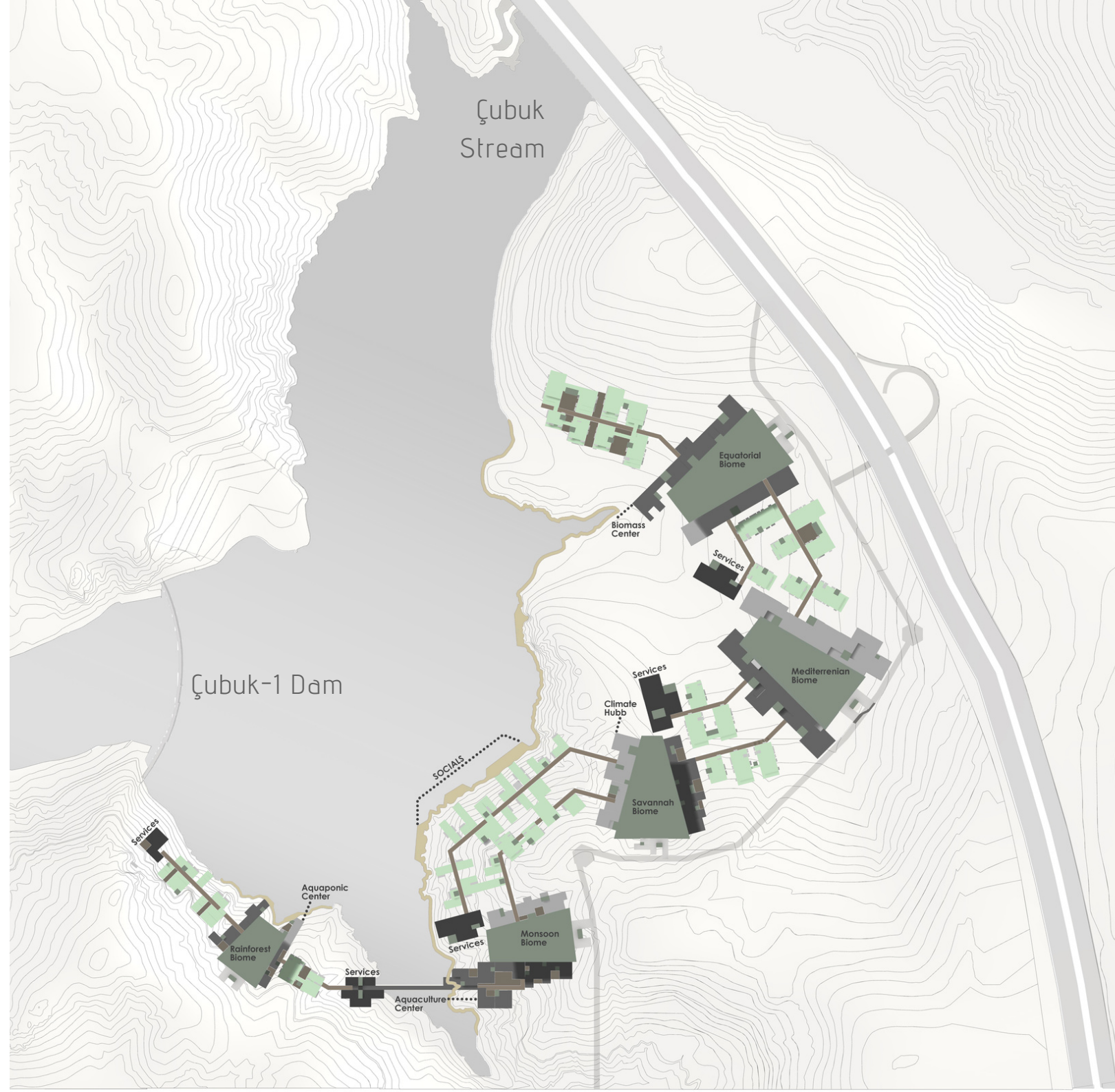
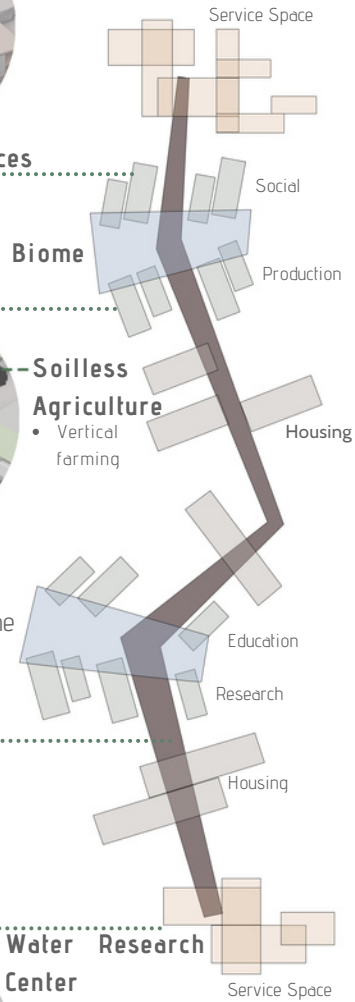
Social Band

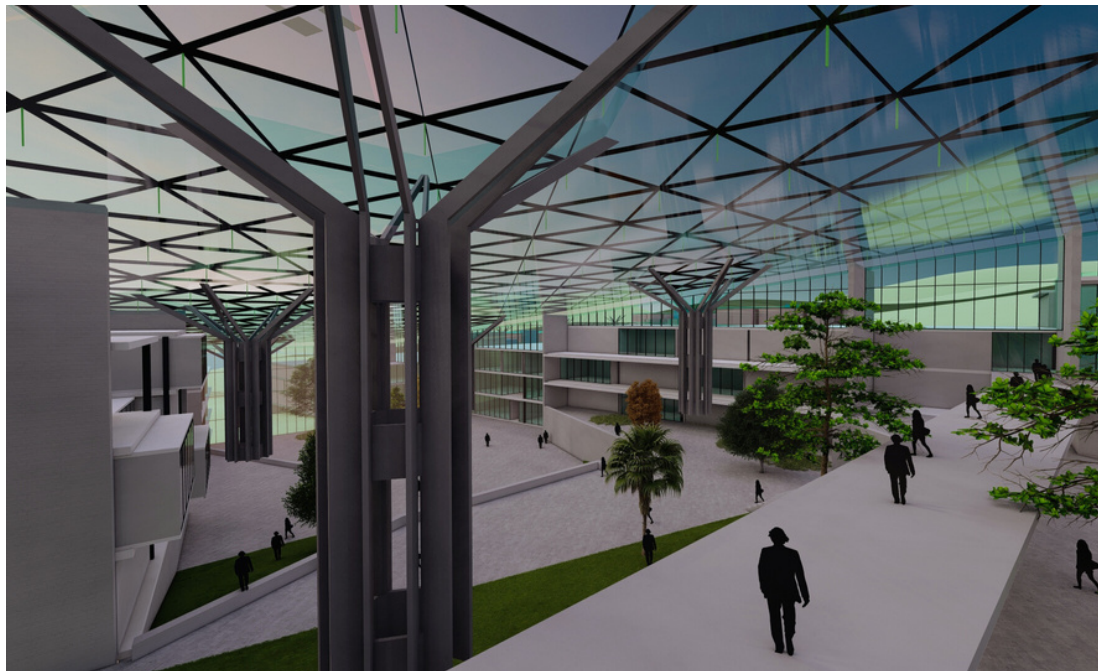
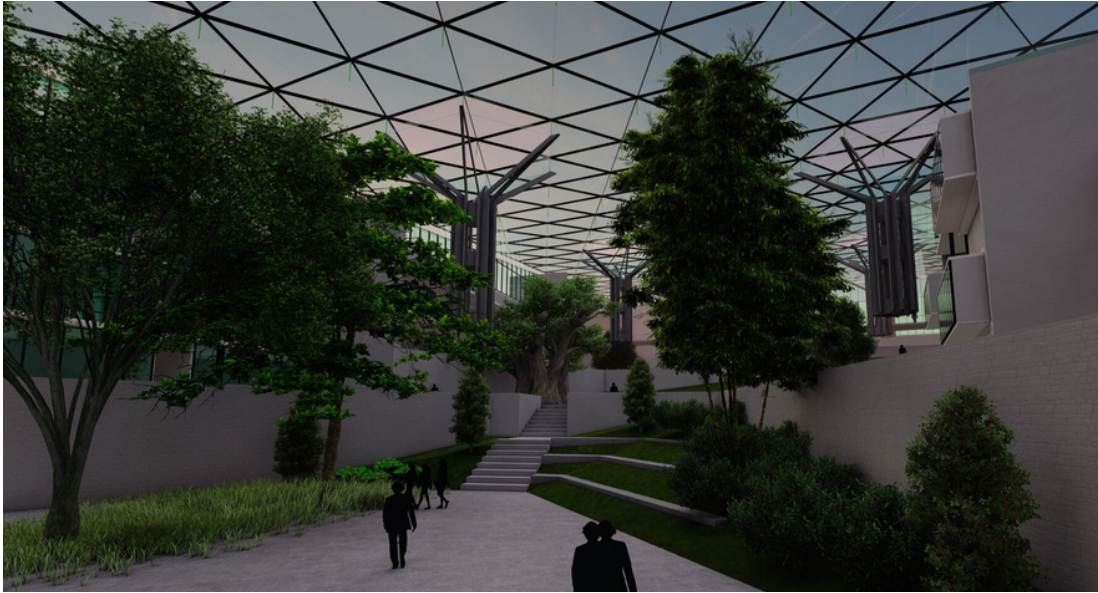
- Main pedestrian circulation



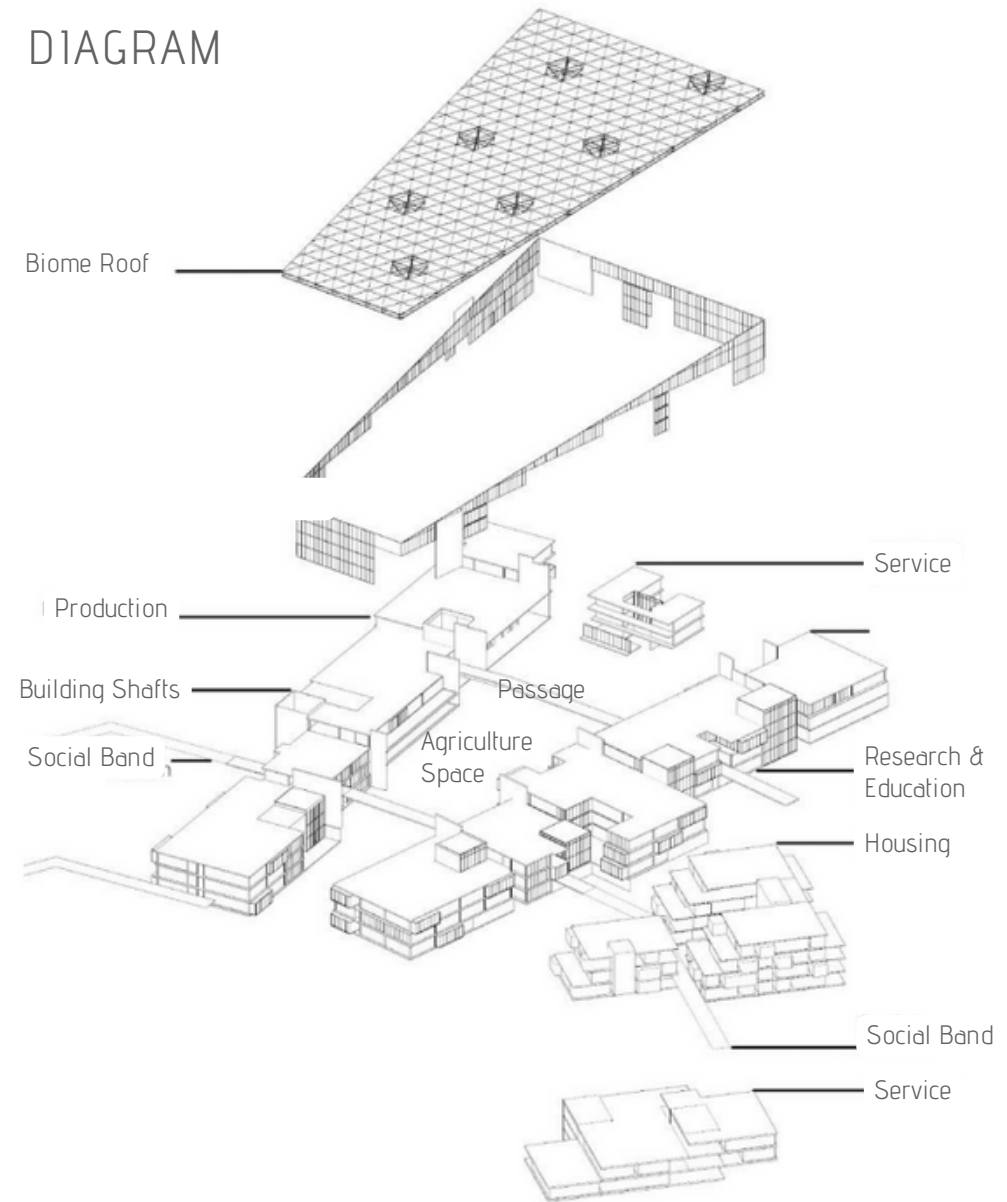
Water Research Center

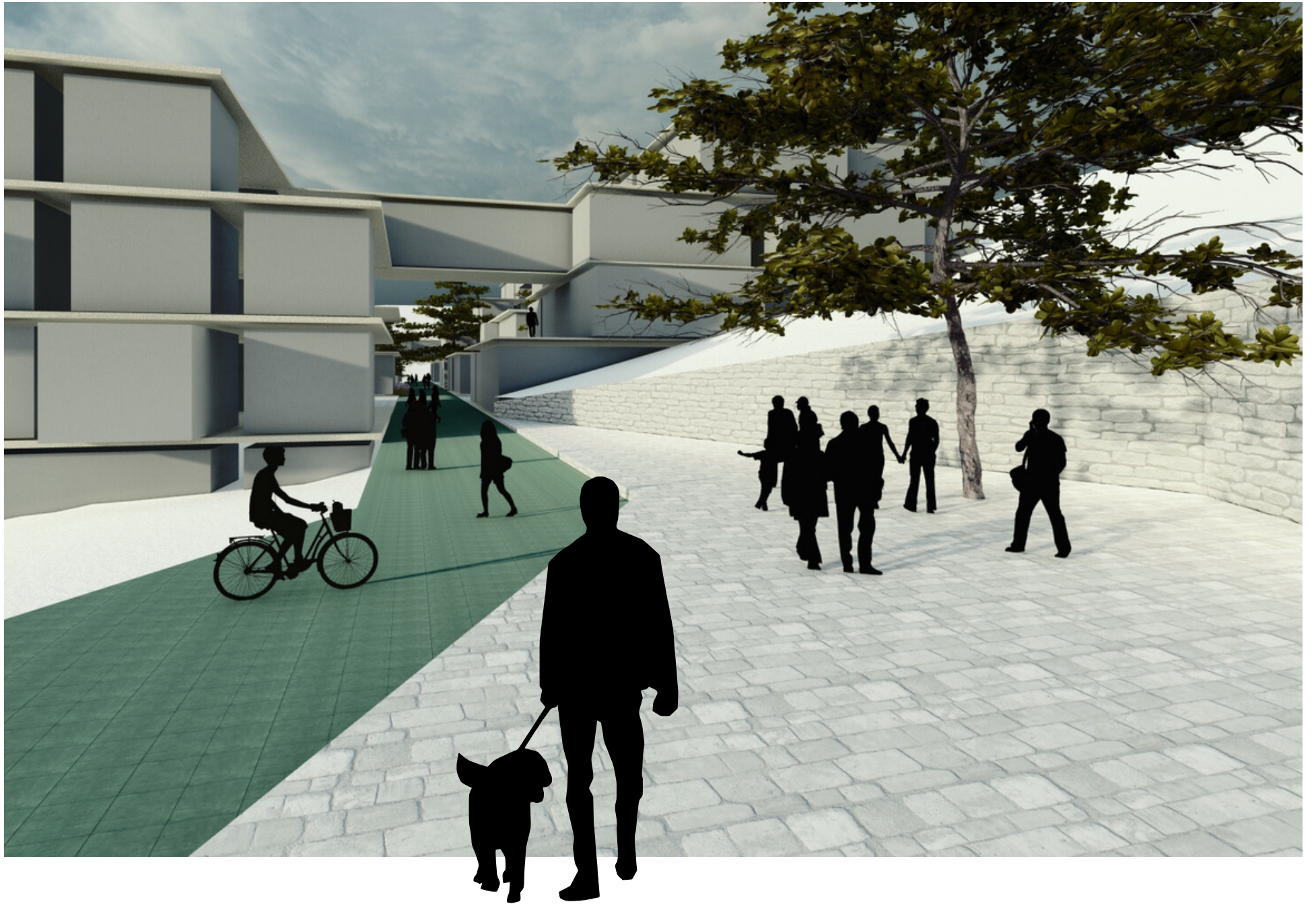
- Aquaculture and aquaponic studies





EXPLODED BIOME DIAGRAM



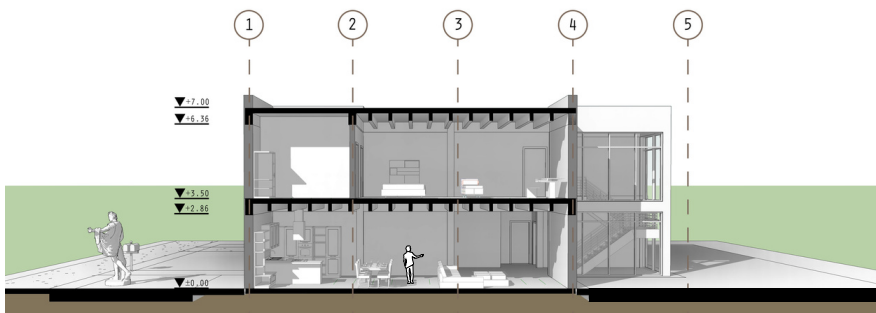
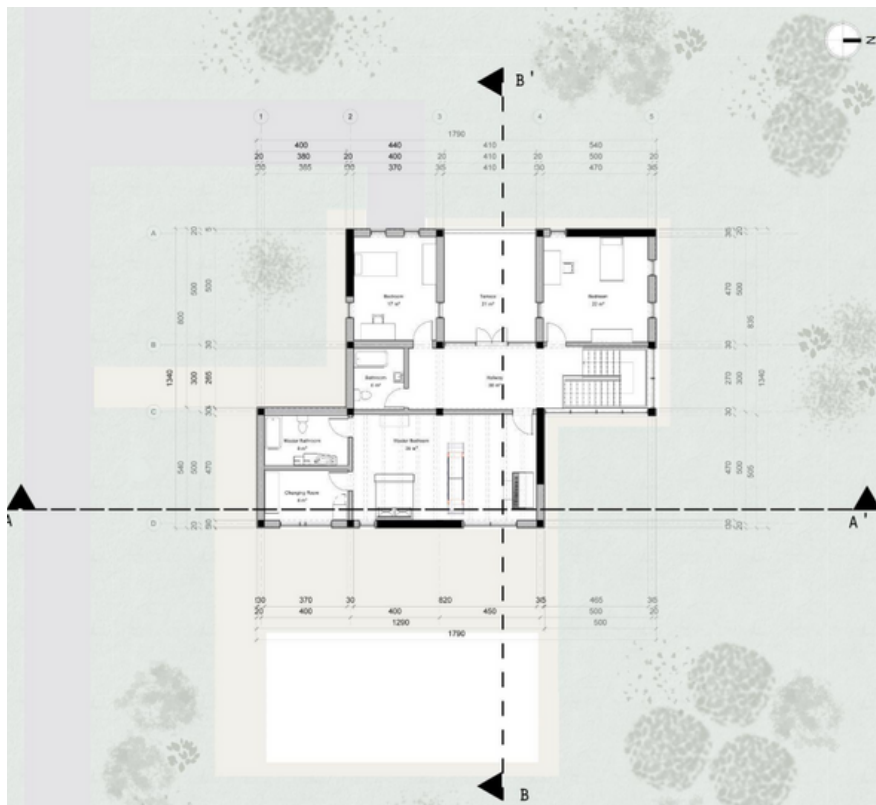


WEEKEND HOUSE

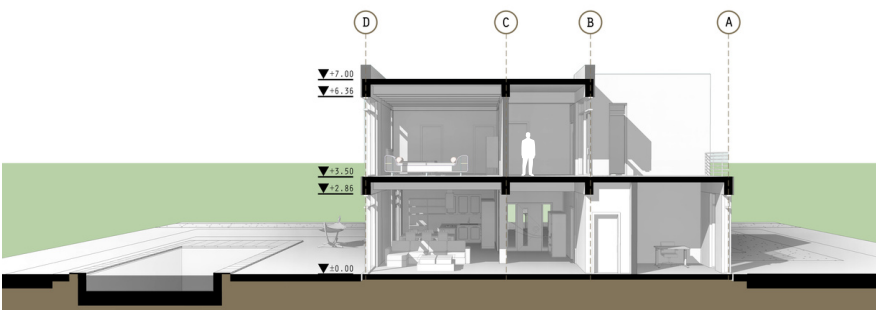
Structural Design Course Work I 2020

This weekend house project represents from the architectural design to the *structural calculations*. It's a peaceful escape in the nature, carefully planned to harmonize with its surroundings. Every detail, *from the aesthetics to the essential structural considerations*, was thought through.





Section AA



Section BB



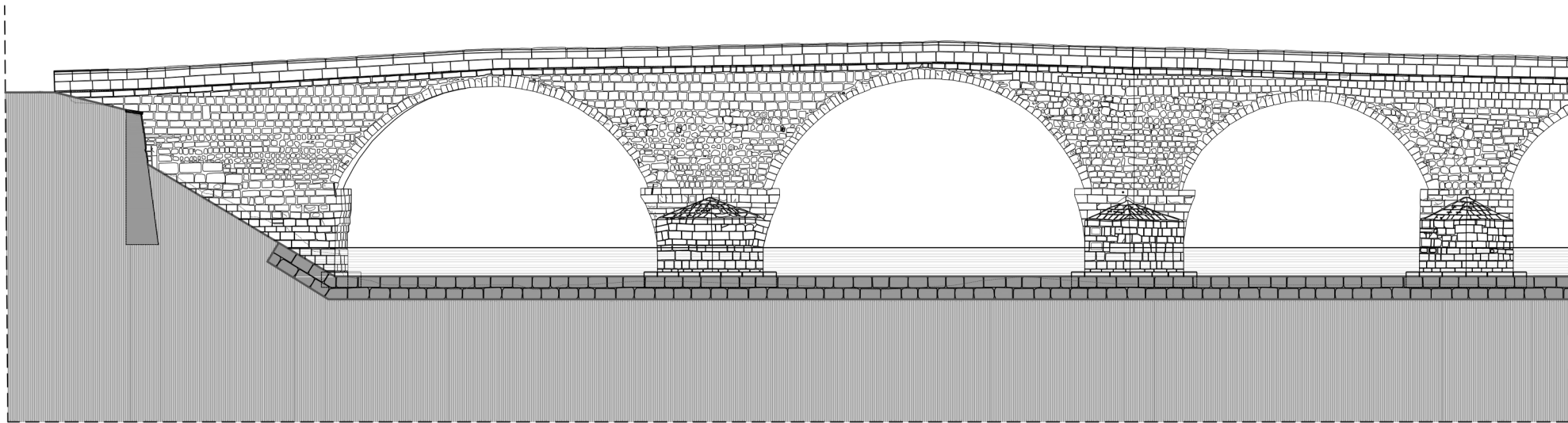
DEVELİOĞLU BRIDGE

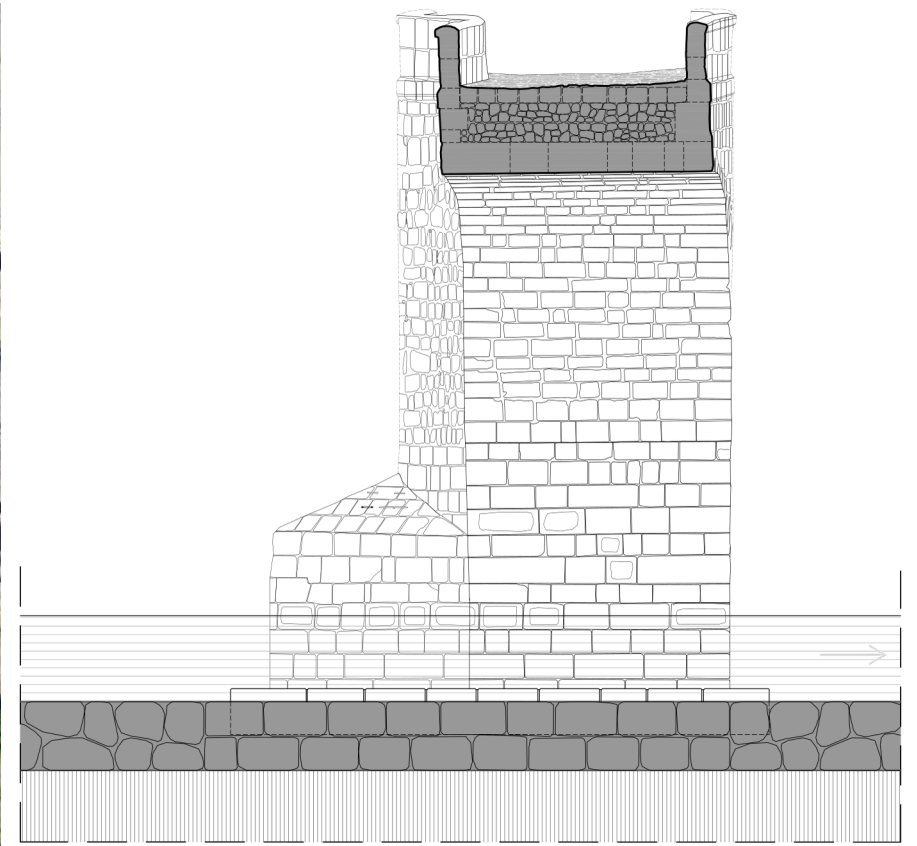
RESTORATION PROJECT

Professional Work I 2022

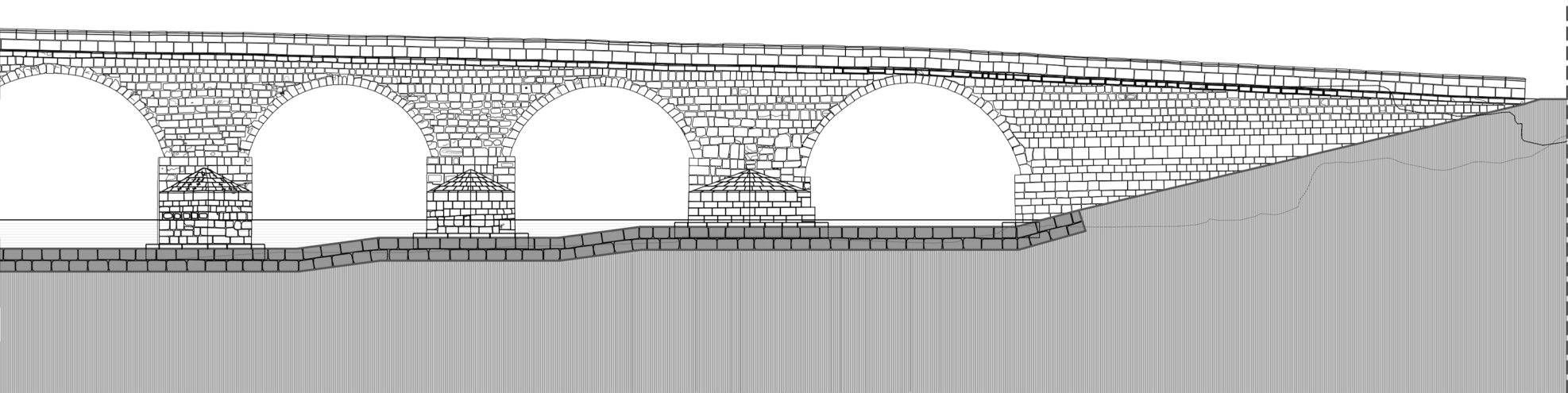
Develioğlu Bridge, an enduring *stone masonry* bridge situated in Ankara's historic Kalecik region, dating back to the Roman era. Over the centuries, the passage of time has necessitated numerous renovations and reconstructions to ensure its longevity and functionality.

The ambitious restoration project at hand not only strives to preserve the bridge's current state but also seeks to *strengthen* its structural and architectural features. This attempt has afforded me a unique opportunity to work on the *preservation and strengthening* of this stone water structure.





Section Drawing



Elevation
Drawing

BİÇER KONAĞI

MANSION RESTORATION PROJECT

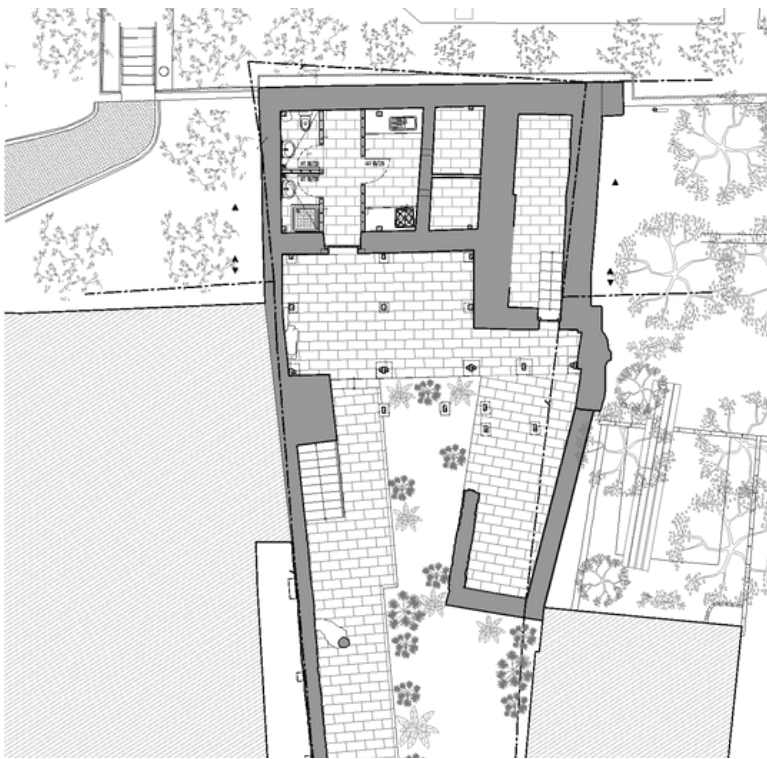
Professional Work | 2023

Nestled within the historical neighborhood of Adana Kozan, this three-story mansion, complete with a central courtyard, stands as an evidence to the region's rich heritage. This restoration initiative not only safeguards the historical fabric of Adana Kozan but also exemplifies a profound dedication to the preservation of architectural heritage.

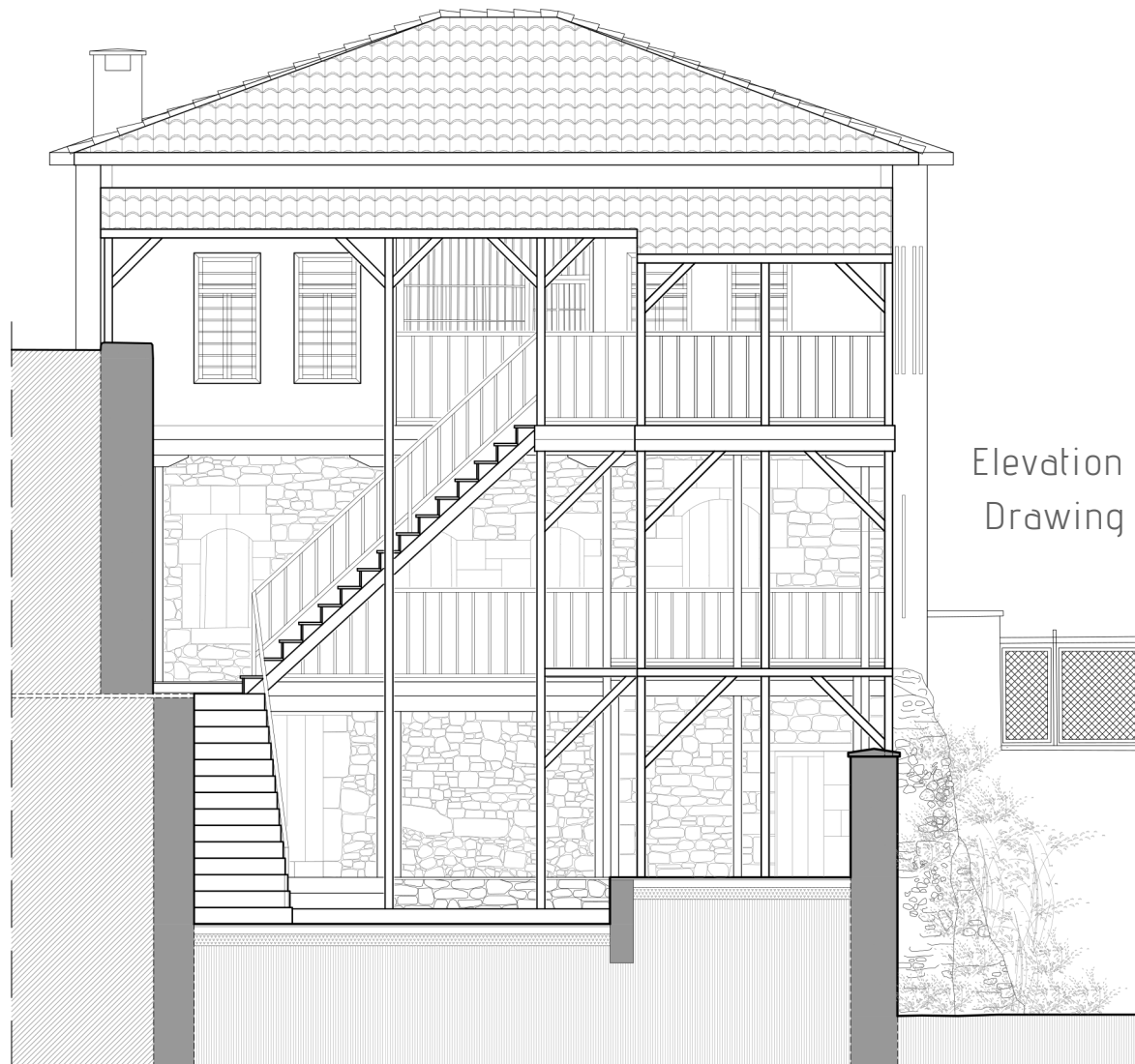
The project consists of documentation, restoration, restitution, and detail drawings.



Section
Drawing



Plan
Drawing



Elevation
Drawing

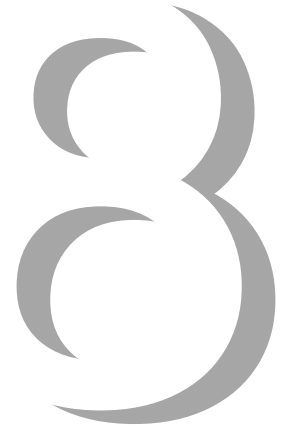
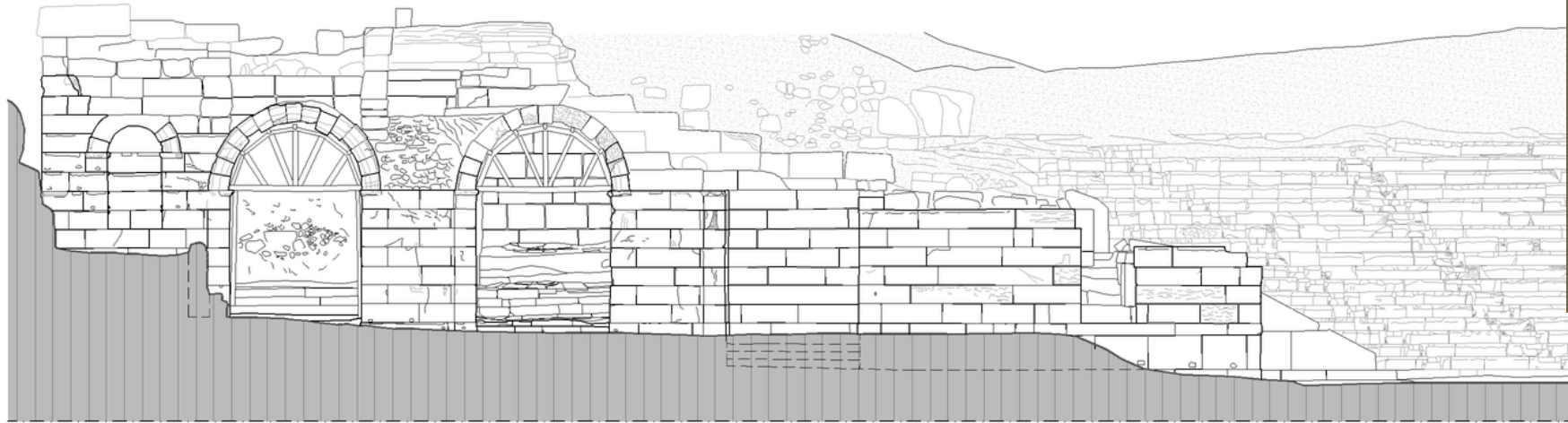
PRUSIAS ANCIENT THEATER

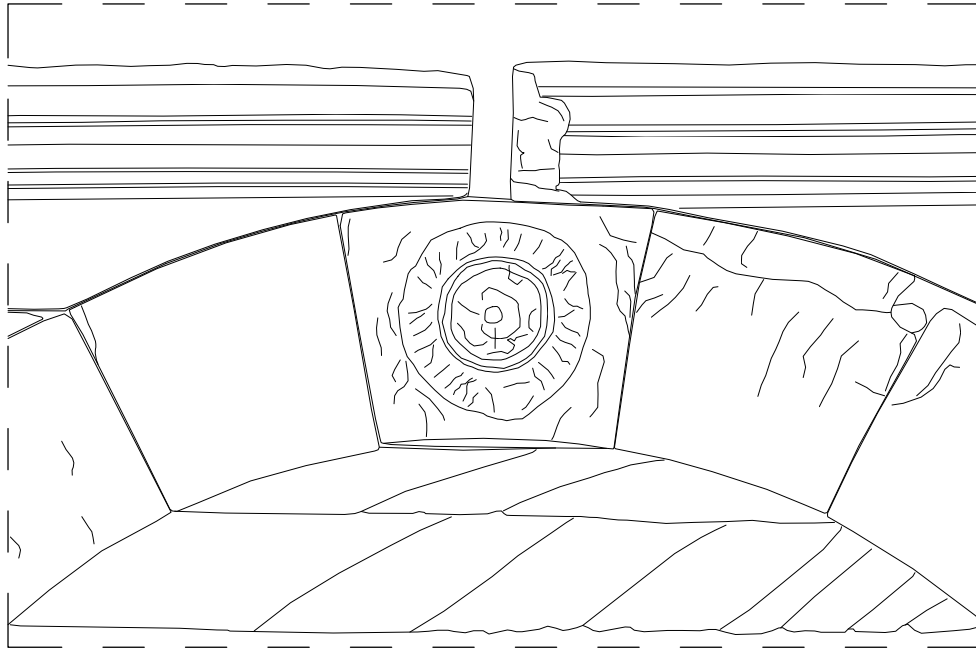
DOCUMENTATION

Professional Work I 2023

Prusias Ancient Theater stands as a well-conserved structure from the Hellenistic Period in Anatolia, a true testament to the region's rich *historical heritage*.

The documentation of this theater holds particular importance due to the lack of recorded information about the site. This project granted me a unique opportunity to personally explore the site, meticulously take measurements, and create intricate drawings, thus contributing to the preservation and understanding of this remarkable piece of history.

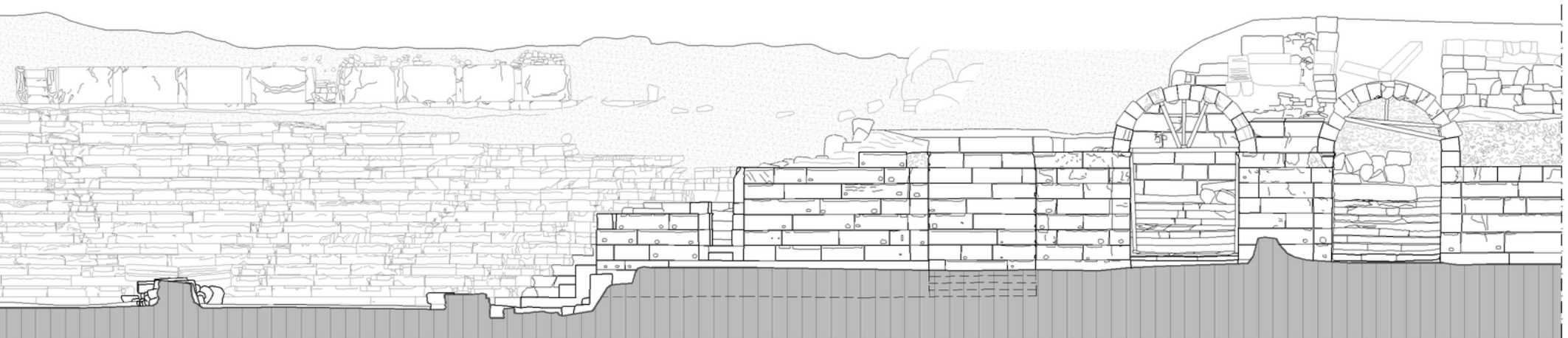




Arch Detail
Drawing



Elevation Drawing



GÖKÇELİK KONAĞI

RESTORATION PROJECT

Professional Work I 2023

The restoration project of a historic mansion in Adana Kozan is a journey through time, memory and architectural preservation. The project aims to revive the mansion's former glory by meticulously preserving its intricate detailing, using period-appropriate materials, and adhering to preservation guidelines. This effort ensures the mansion's cultural significance is preserved for future generations, bridging the gap between Adana Kozan's past and present, and fostering a deeper appreciation for its architectural heritage.





ADDITIONAL WORKS



Ancient City
Entrance Building
(2020)

I have actively engaged in numerous *workshops, voluntary initiatives, and collaborative group projects*. These diverse experiences have enriched my skill set and broadened my horizons. Through workshops, I've delved into *various disciplines*, honing my creativity and problem-solving abilities. Furthermore, participating in various projects has sharpened my *teamwork and communication skills*, fostering an environment where different perspectives converge to create innovative solutions. These extracurricular activities have provided me with a holistic education beyond the confines of architecture school, making me a more *well-rounded individual* and architect.



Nysa Colonnade
Street Modelling
(2020)

Voluntary Works



Short Film
(2022)
Group Work



Scan to watch!



Short Film Production
(2021),
Group work



Conservation Proposal to
Jewish Quarter in Ankara
(2021)
Group Work

Ankara Tumuli Routes
(2020)
Workshop Product, Exhibition



