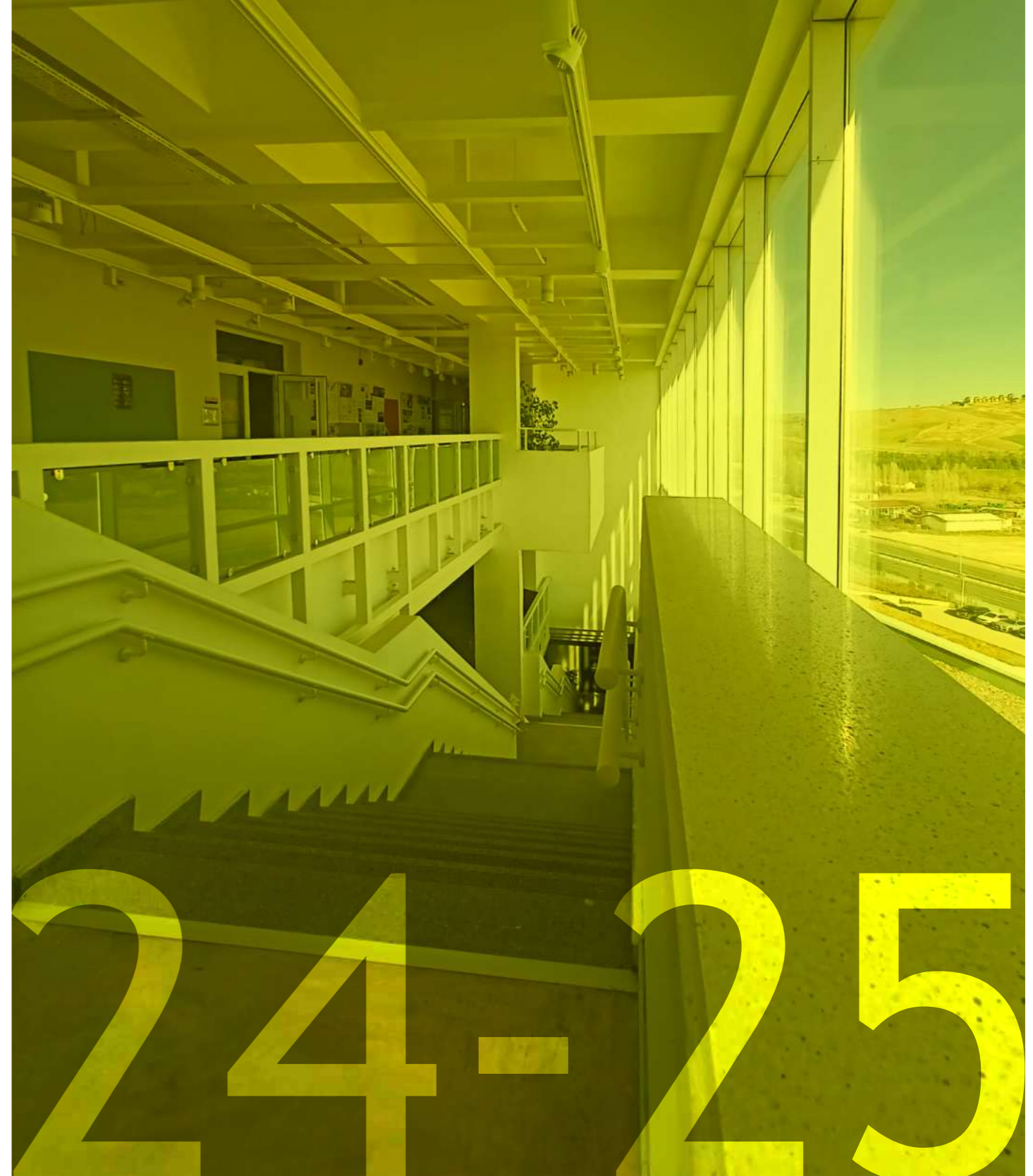


# ÇU-ARCH

ÇANKAYA UNIVERSITY  
DEPARTMENT OF ARCHITECTURE  
STUDENT PROJECTS





### undergraduate projects by year

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arch101 Designing the Space/s for Architecture and Design Student Club arch102 Reclaiming The Residual Space in 100.Yil District, Ankara	
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## ARCH 101

### Designing the Space/s for Architecture and Design Student Club

**Instructors:** Assoc Prof Dr. Zeynep Çiğdem Uysal Ürey, Dr. Inst. Rabia Çiğdem Çavdar, Arda İlayda Sağlam Aktan

**Location:** Ankara, Etimesgut, Çankaya University Campus



## ARCH 102

### Reclaiming The Residual Space in 100.Yıl District, Ankara

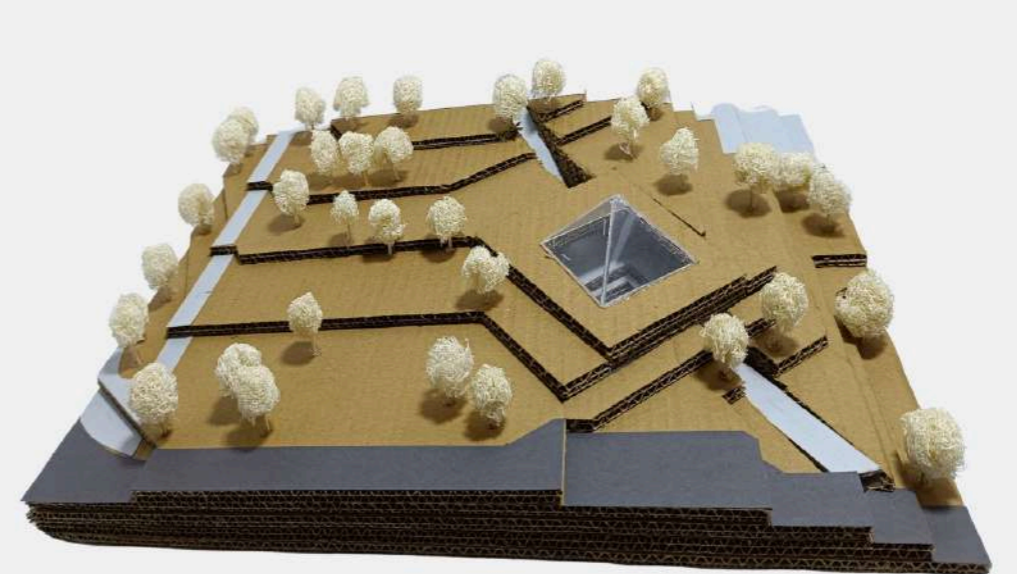
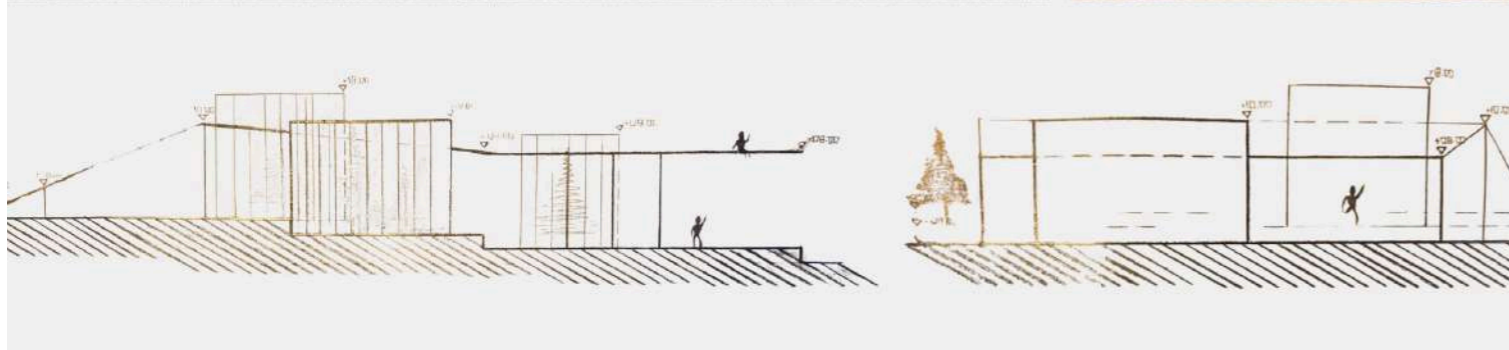
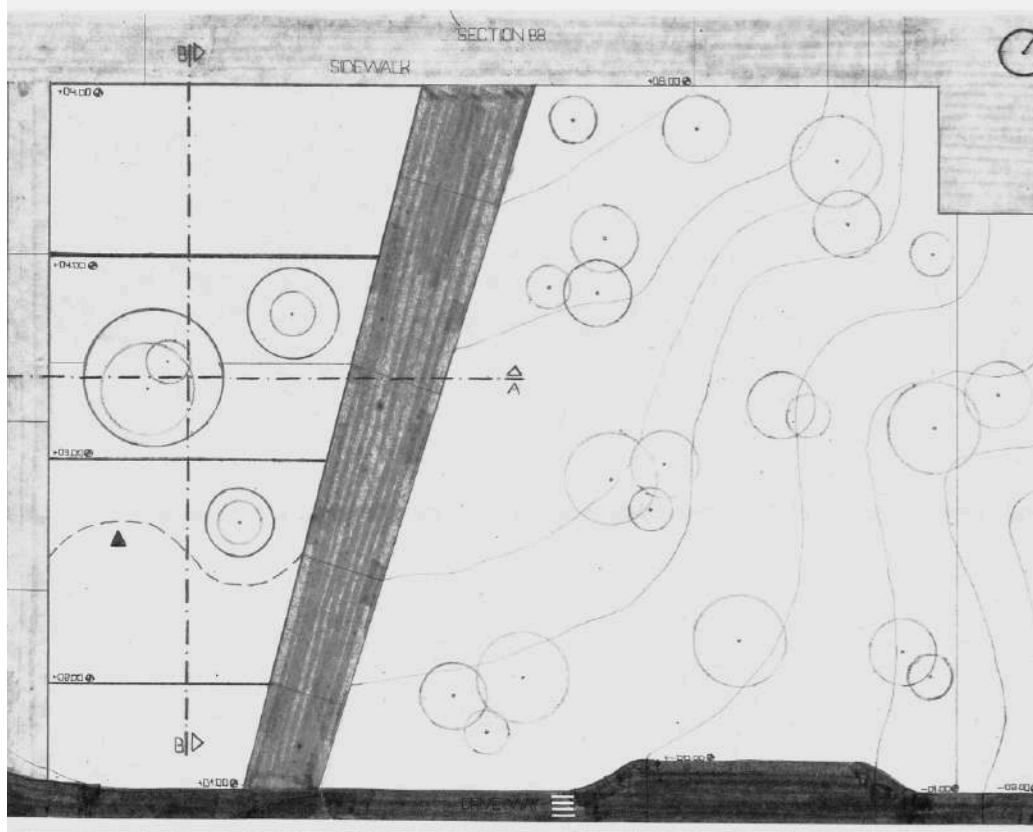
**Instructors:** Assoc Prof Dr. Zeynep Çiğdem Uysal Ürey, Dr. Inst. Rabia Çiğdem Çavdar, Arda İlayda Sağlam Aktan

**Location:** Ankara, Çankaya, 100. Yıl İşçi Blokları

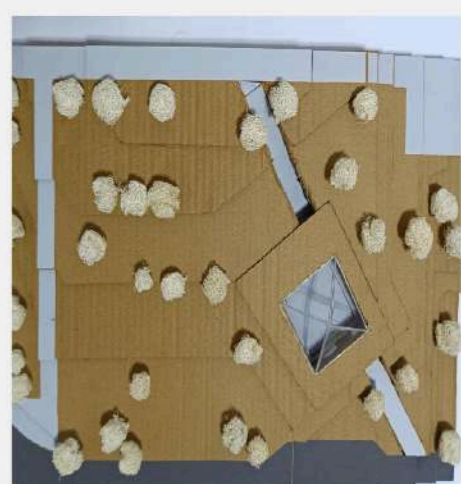
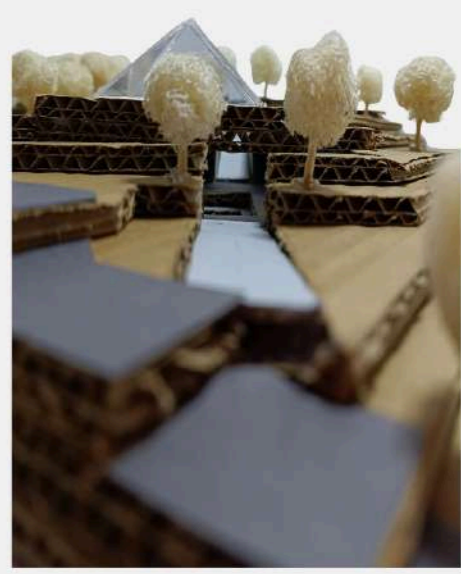
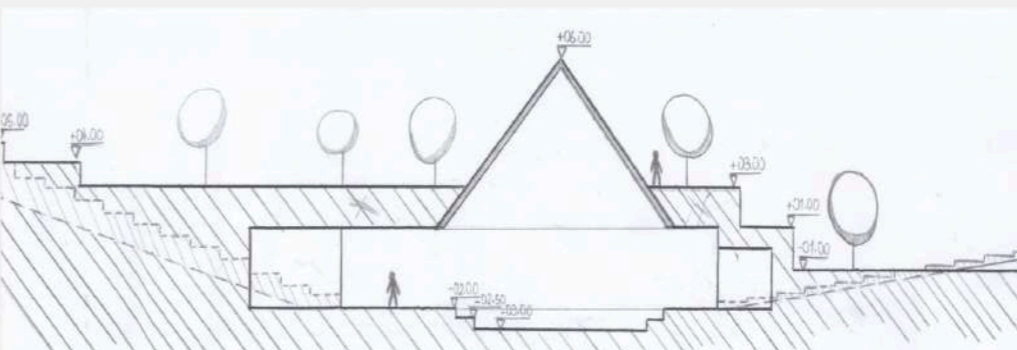
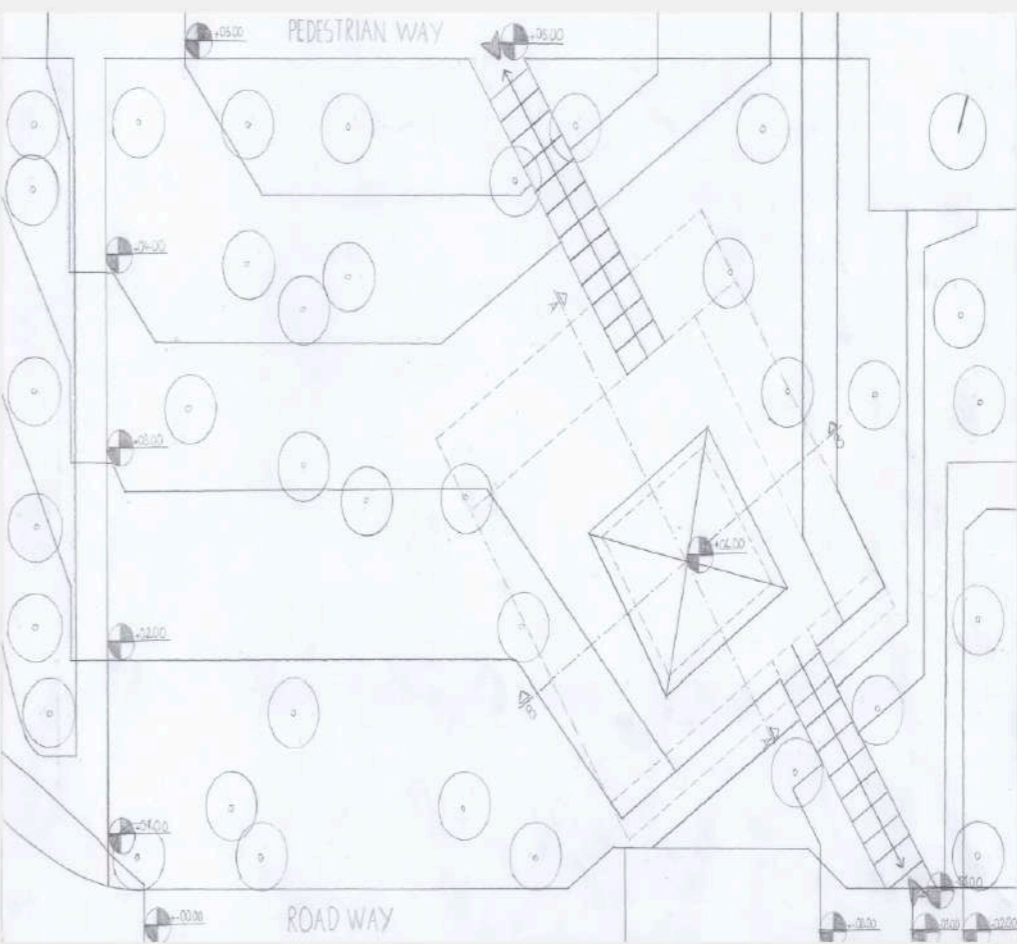


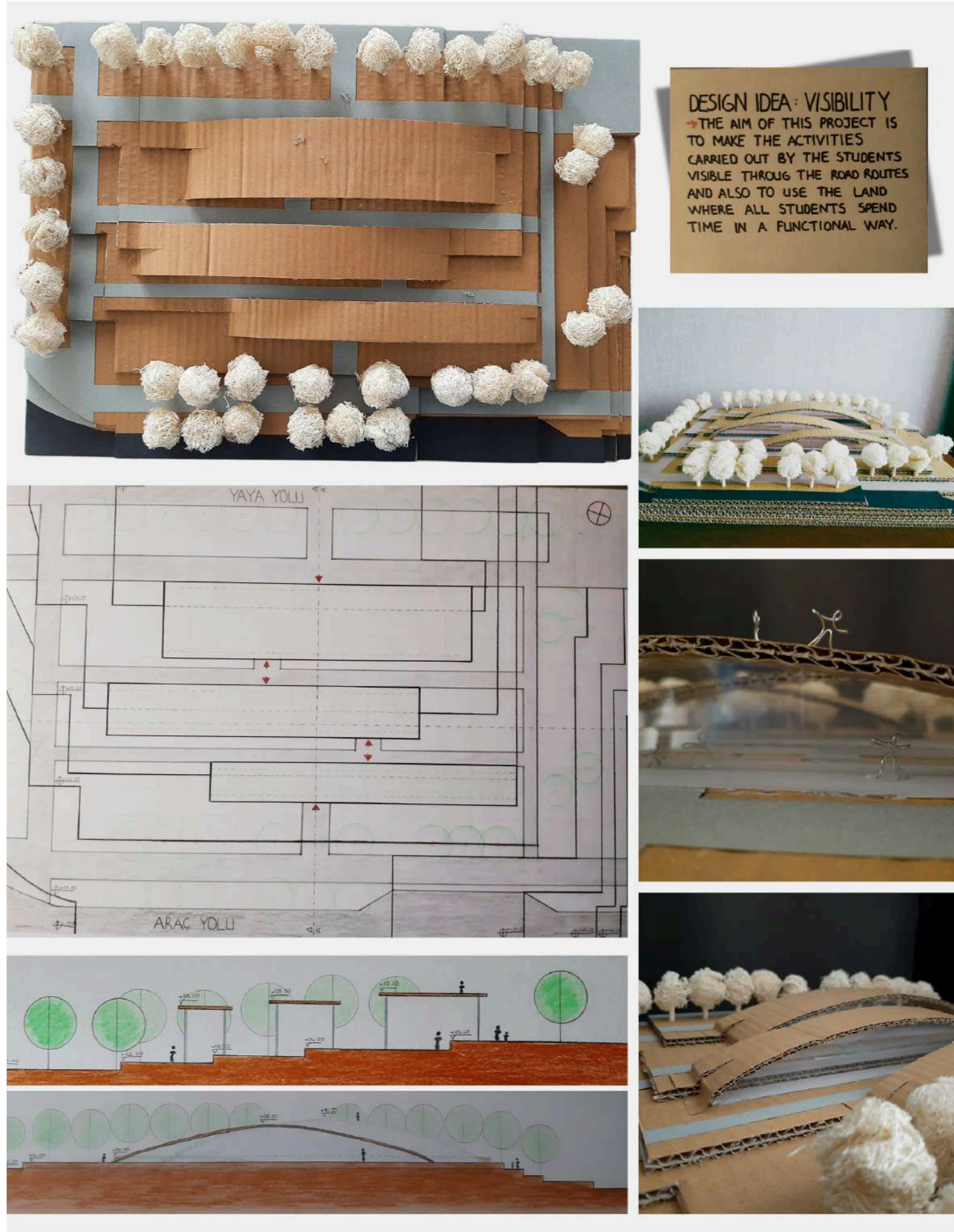
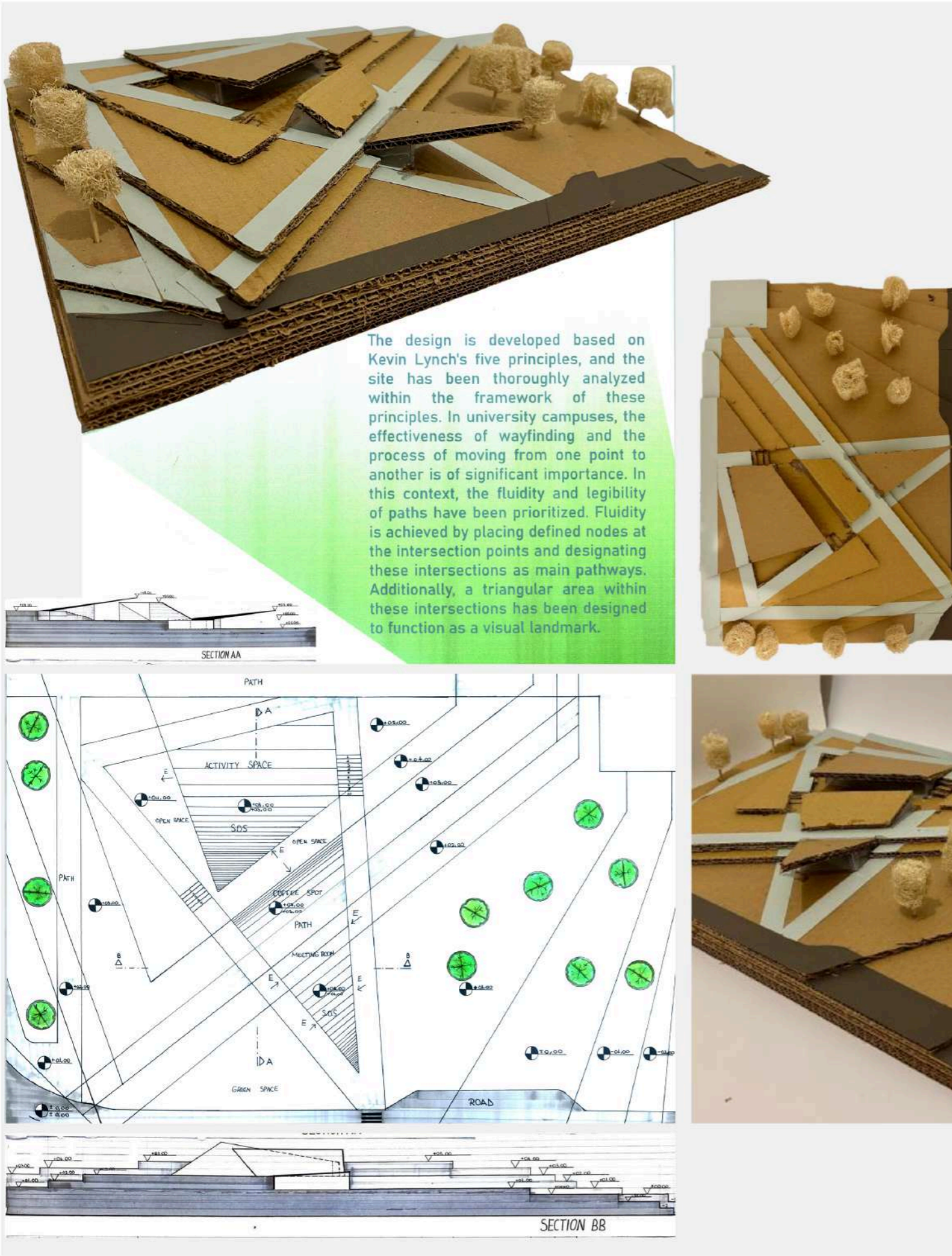
**ARCHITECTURE AND COMMUNITY BUILDING PROJECT**

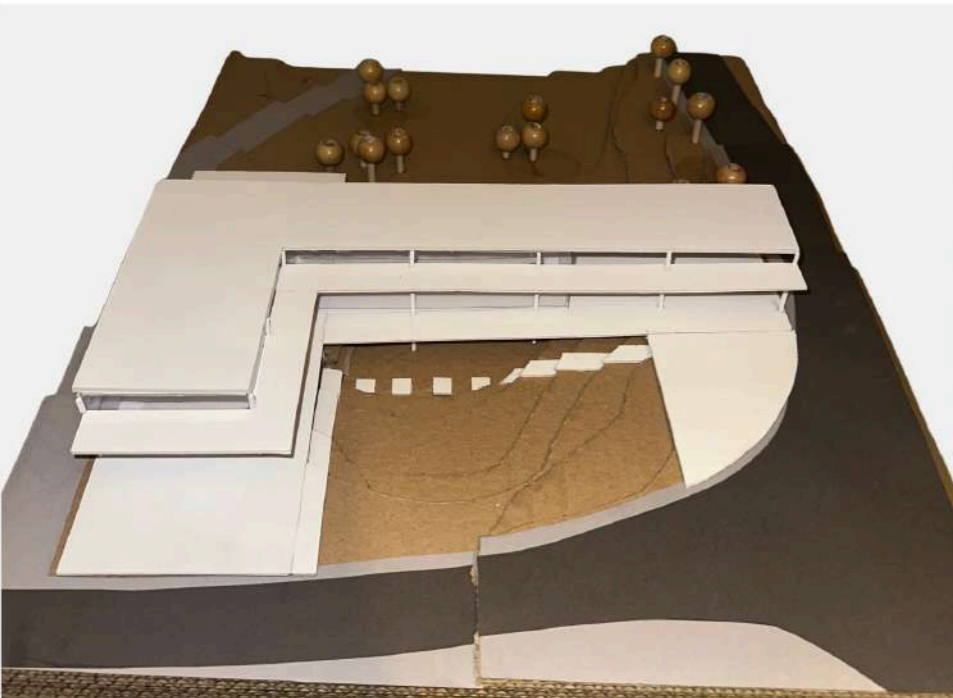
THIS DESIGN PROVIDES AN ENVIRONMENT WHERE PEOPLE CAN SOCIALIZE WITH OTHERS, ENJOY RECREATION, WHILE ALSO MITIGATING THE NEGATIVE EFFECTS OF THE ARCHITECTURE DESIGN COMMUNITY.



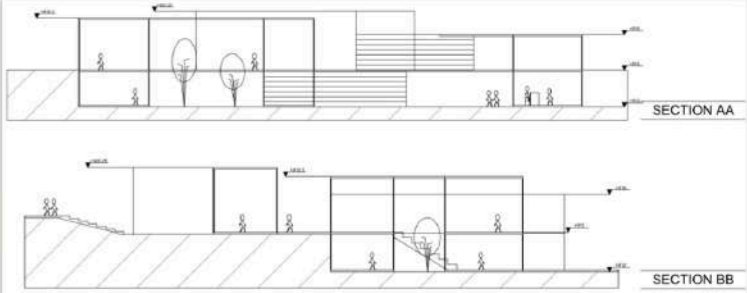
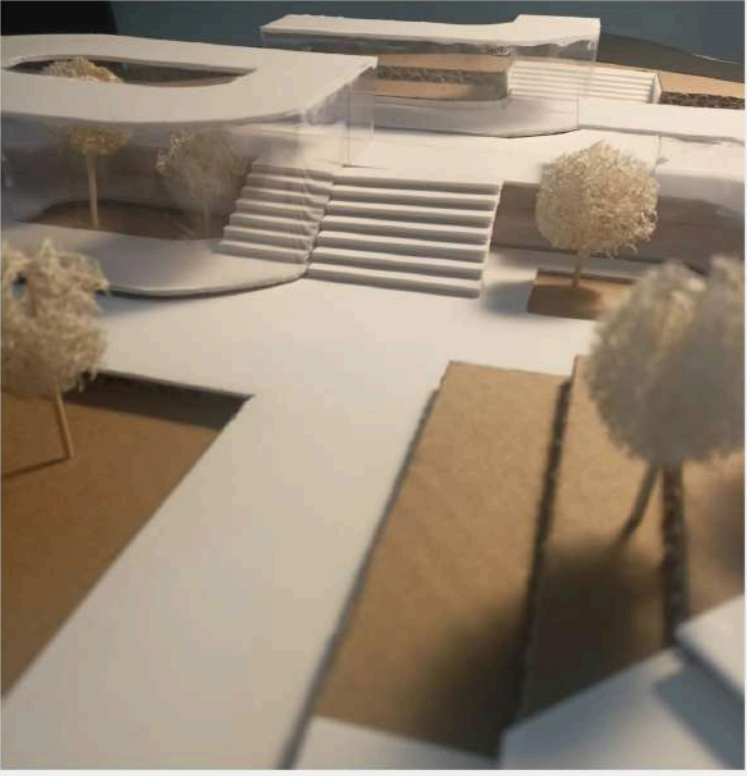
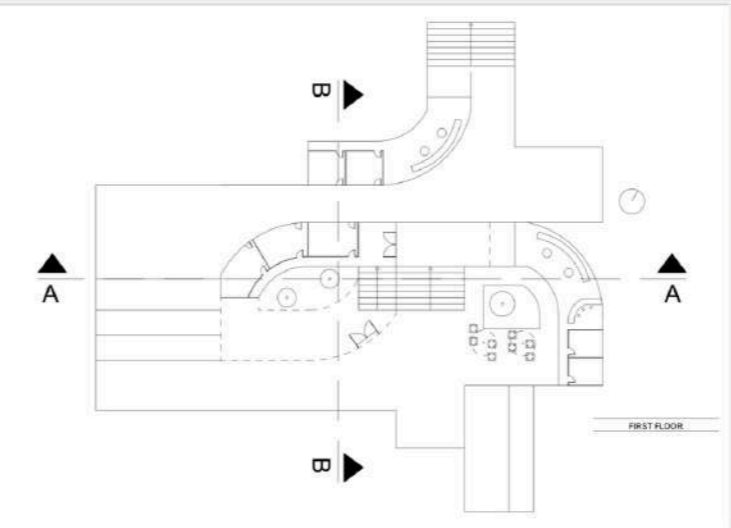
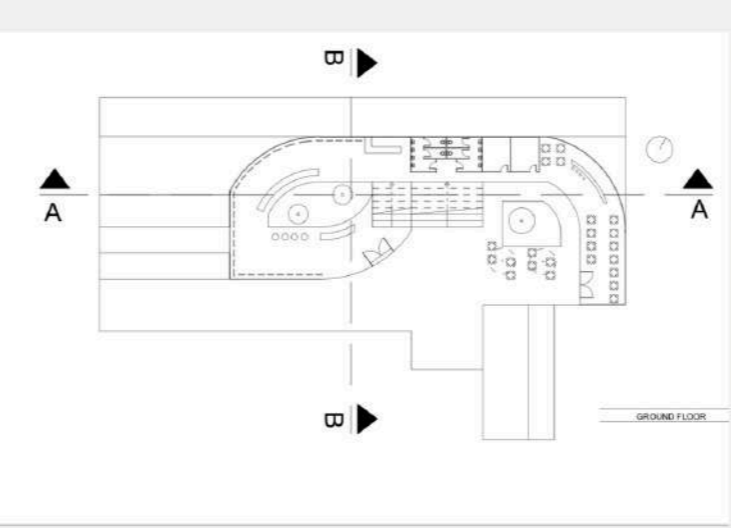
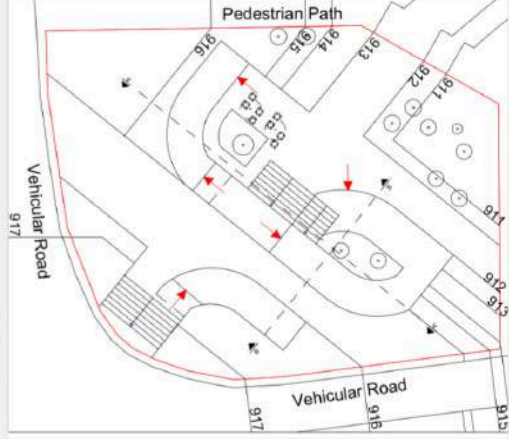
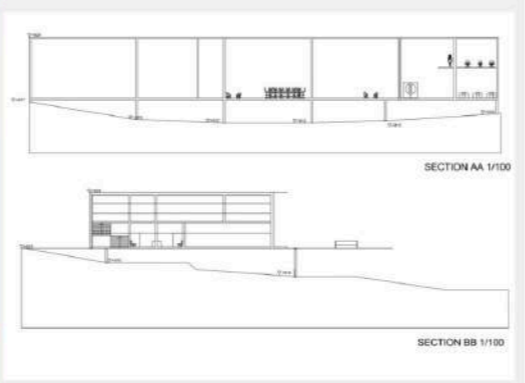
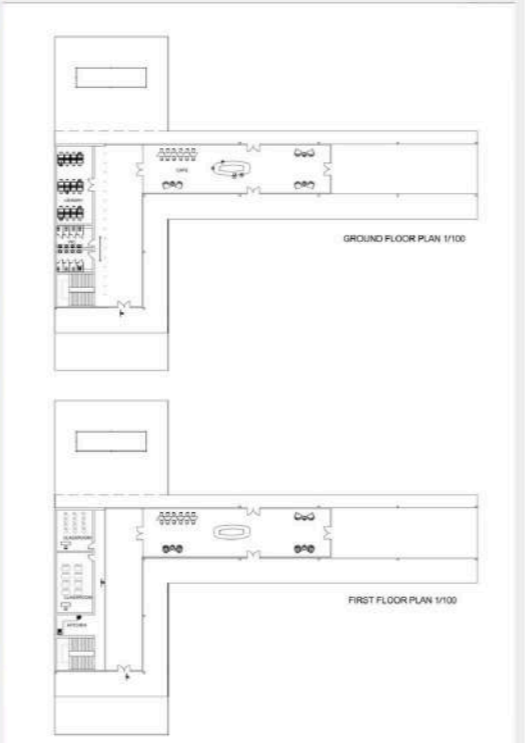
CONCEPT: TO CREATE A SECLUDED AND QUIET ENVIRONMENT WITHIN THE LAND WHERE ARCHITECTURE STUDENTS FEEL WHERE THEY BELONG AND WHERE WE CAN RETREAT TO CORNERS





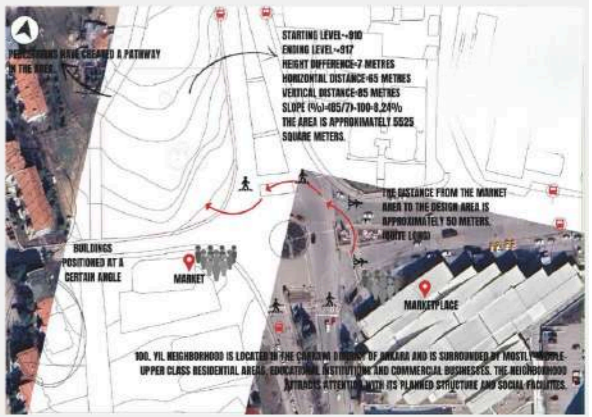
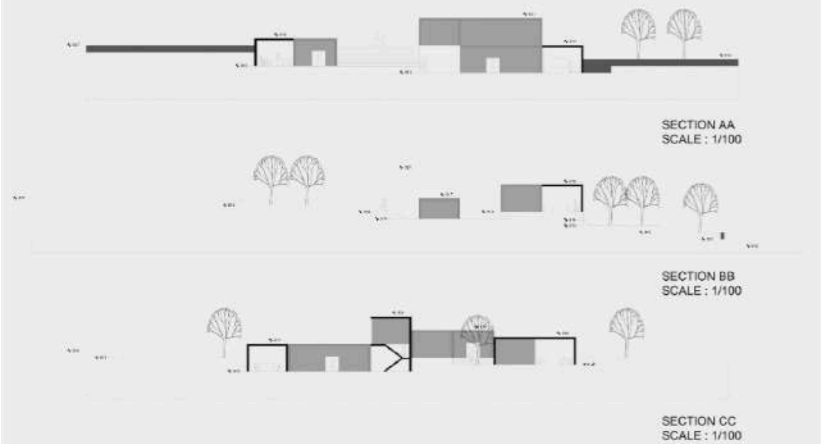
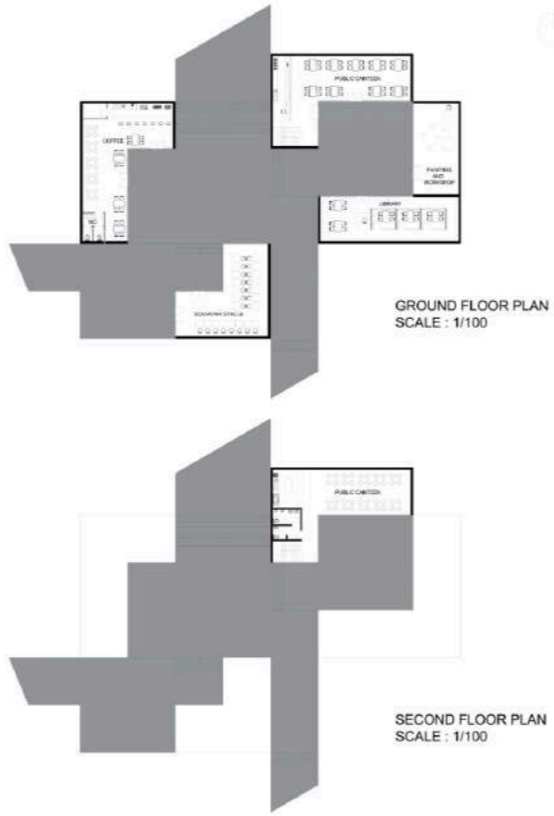
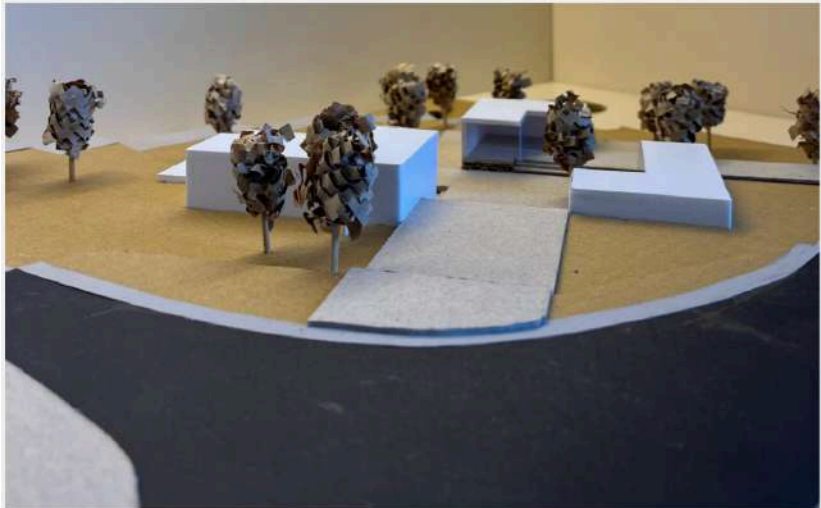
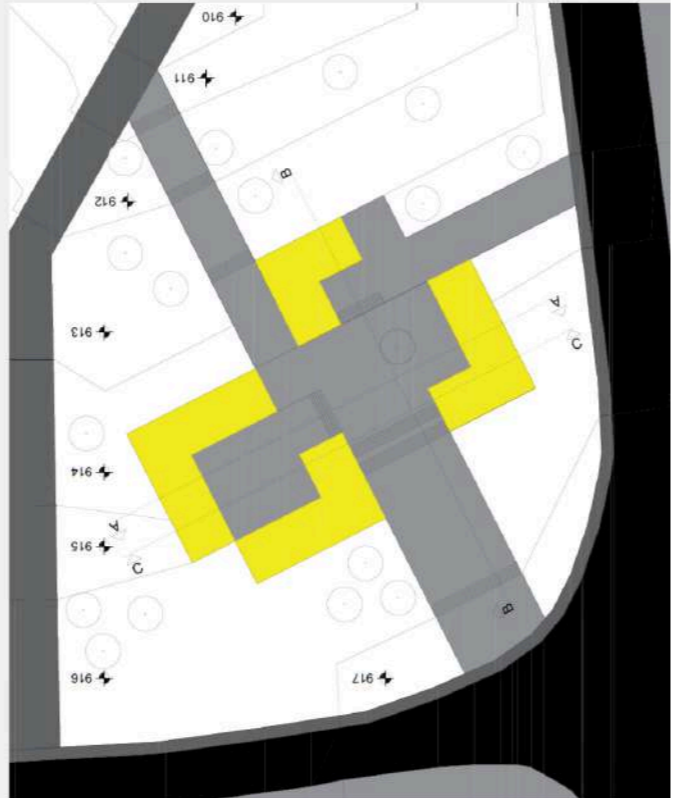


The project aims to transform the spontaneous production culture of the neighborhood into an architectural memory. It turns the voids into public thresholds that nourish the collective memory

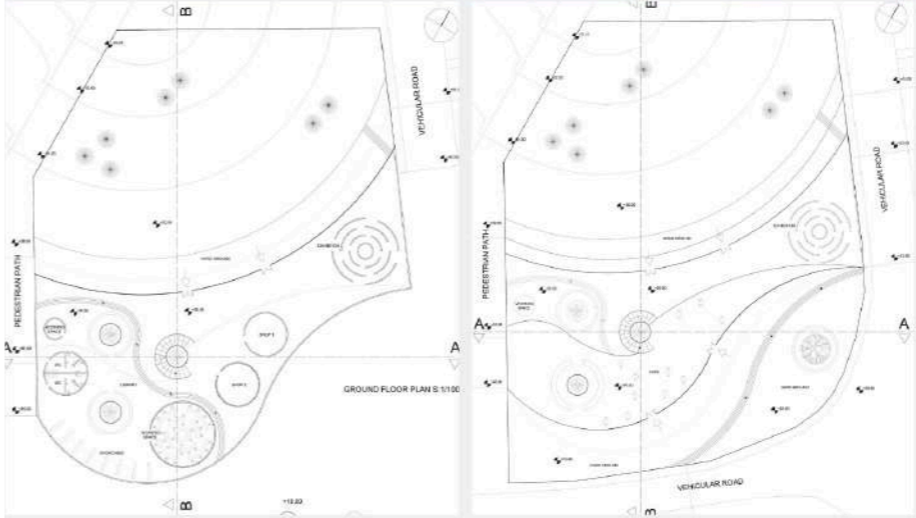
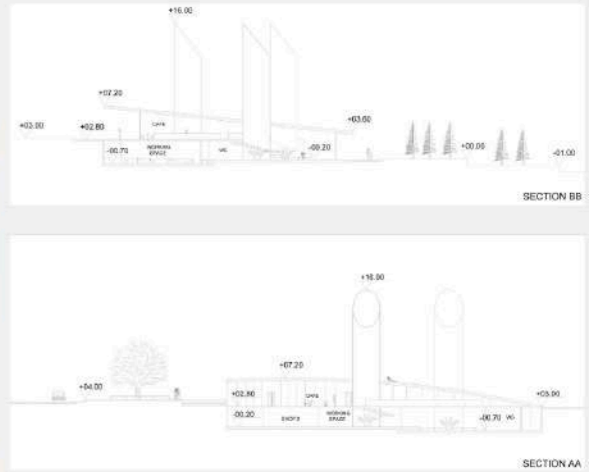
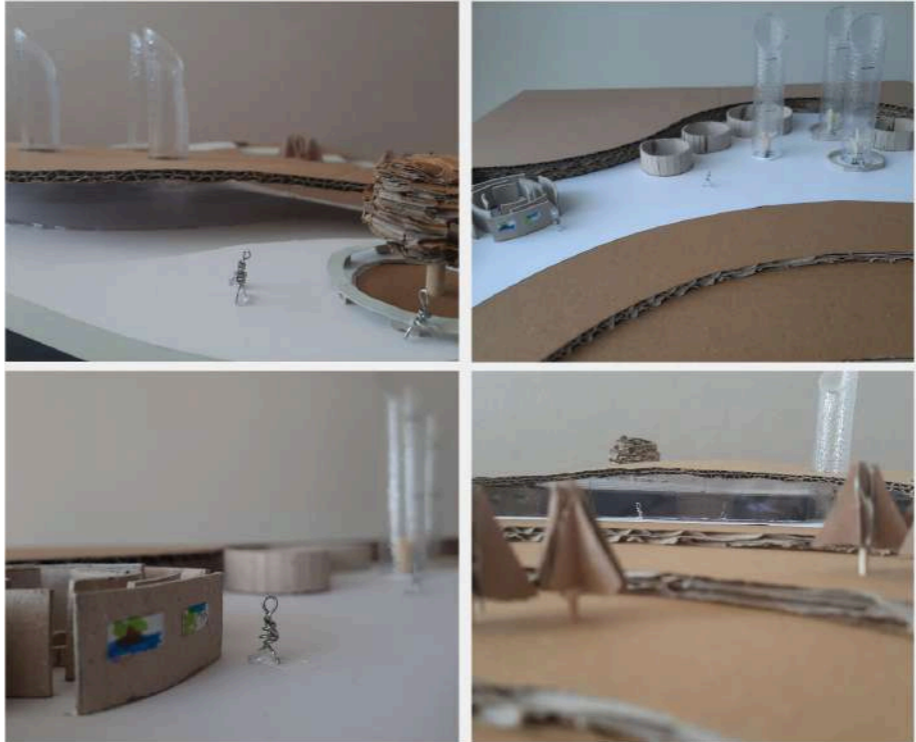




The design concept centers around the idea of a "Life Courtyard", a dynamic urban space not intended merely to fill voids in the built environment but to foster interaction, breathing, as an inclusive hub where architecture supports community life, intergenerational dialogue, and emotional connection.



A permeable mass buried in the urban fabric: The structure turns into a natural elevator by integrating with the topography. While the inside of the mass opens to public life, its upper surface becomes a part of the daily flow. With its permeable form accessible from all directions, it defines continuity, not borders.





## ARCH 201

### Designing A House in Kayaköy: A Semi-Rural Historical Context

**Instructors:** Assoc Prof Dr. Ceren Katipoğlu Özmen, Assoc Prof Dr. Cengiz Özmen, Lect. Selçuk Uysal, Inst. Aslı Alp Okcu, Res. Assist. Yeliz Alevsaçanlar

**Location:** Muğla, Fethiye, Kayaköy

The topic of Architectural Design Studio I in the Fall Semester 2024 - 2025 is the design of a self-sufficient housing unit near Fethiye, Kayaköy, a place that is imbued with both happy and sad memories of days long gone. The occupants of this house, a family of four, have recently moved here to build a new life deeply connected to nature, but not completely isolated from the world around them. A chef and a digital artist are raising their children to balance a deep connection to nature with high-tech fluency. Supported by two loving pets, the family blends traditional sustainability with modern innovation. For each user profile, the students should choose a hobby that all the inhabitants of the house can enjoy together.

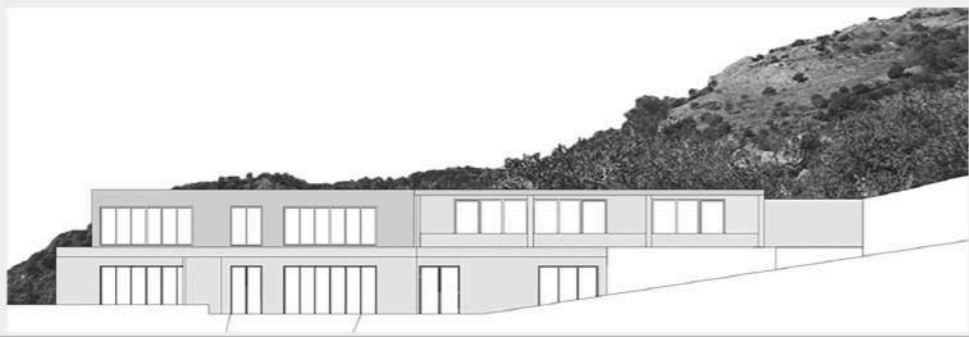
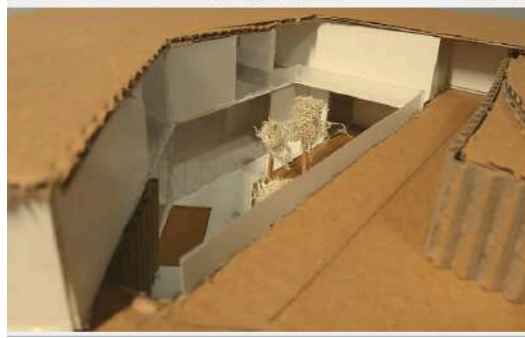
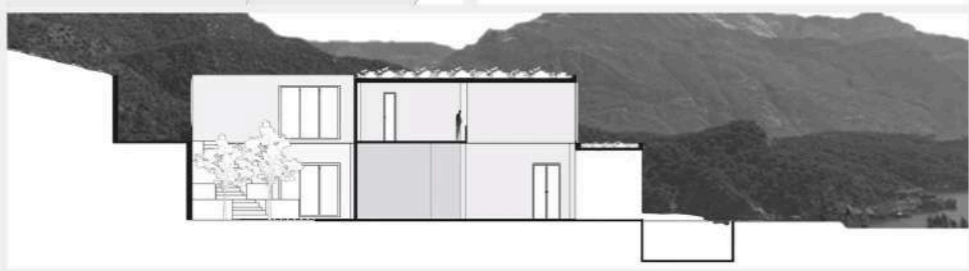
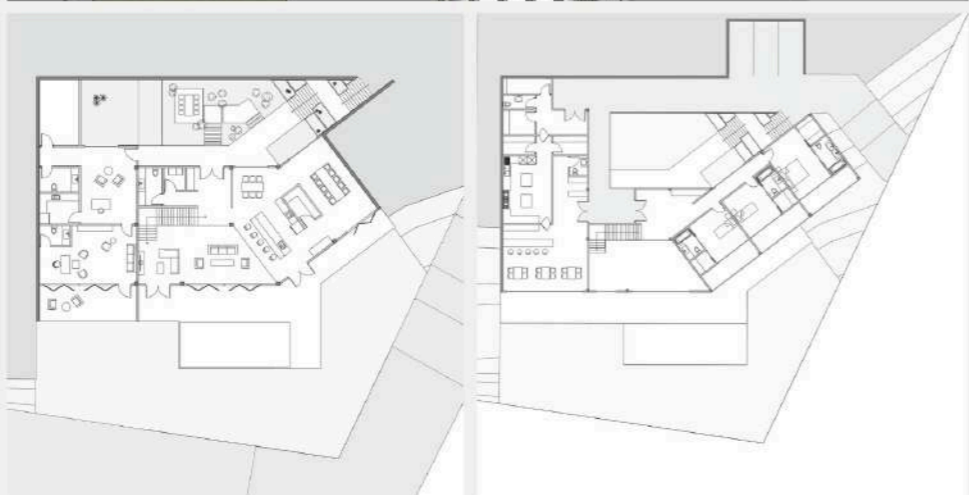
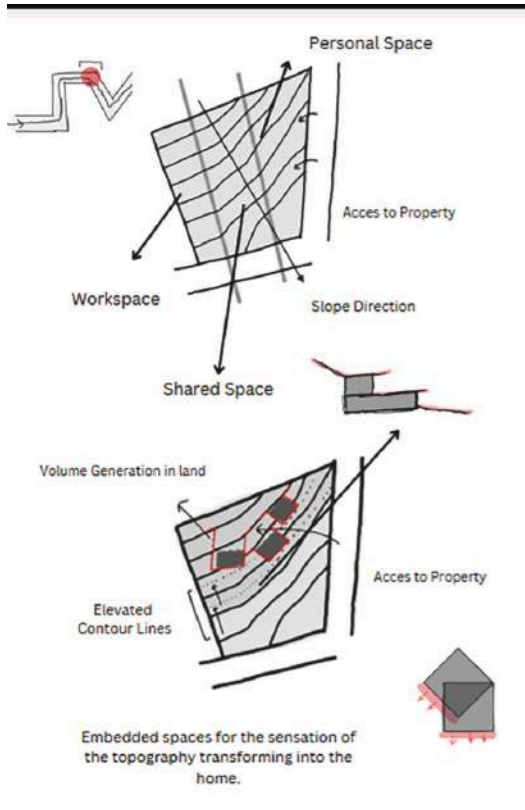
## ARCH 202

### Çankaya University Artificial Intelligence Research Center

**Instructors:** Assoc Prof Dr. Ceren Katipoğlu Özmen, Assoc Prof Dr. Cengiz Özmen, Lect. Dr. Ali Haydar Alptekin, Res. Assist. Yeliz Alevsaçanlar

**Location:** Ankara, Çankaya, Aziziye

The topic of Architectural Design Studio II in Spring Semester 2024-2025 is the design of Çankaya University Artificial Intelligence Research Center in Ankara, Çankaya. The AI Research Center will be a state-of-the-art facility dedicated to artificial intelligence research, innovation, and collaboration. The center will house research laboratories, office spaces, conference facilities, and public engagement areas. The design will integrate sustainable architecture, smart building systems, and earthquake-resistant construction suitable for Ankara's seismic conditions. The architectural language should reflect technological advancement, transparency, and innovation while respecting the urban context.



**FR:** The family consists of 4 people. Dad is a chef and mom is a florist. The boy of the house is a 12-year-old violinist. The daughter is a 17-year-old, boxer.

**FR:** The father cooks meals using his own organic vegetables. He is interested in agriculture and cares about sustainability. The mother works as a text editor and translator in her office at home. The daughter is a training area. The boy is a professional violinist. The family's social activity is swimming.

**Architectural Program:**

- Be in touch with nature
- Use areas of your own land most efficiently
- Be in a calm area Being able to see the view
- Be brighter
- Be mirrored and spacious room
- Be a room surrounded by mirrors Noisy area

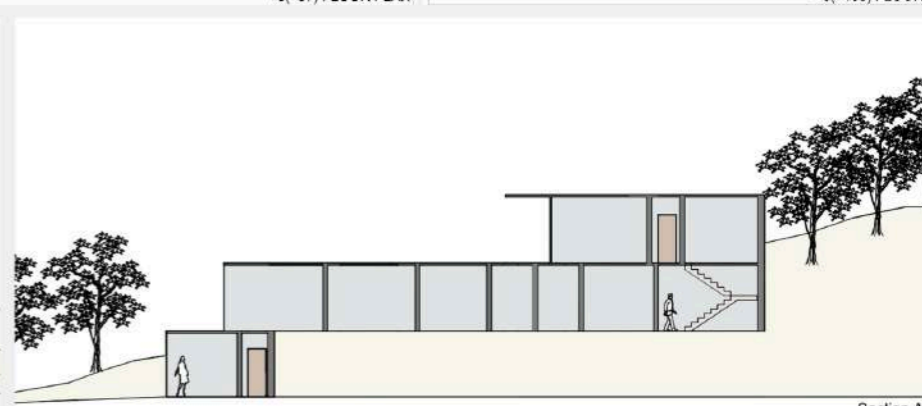
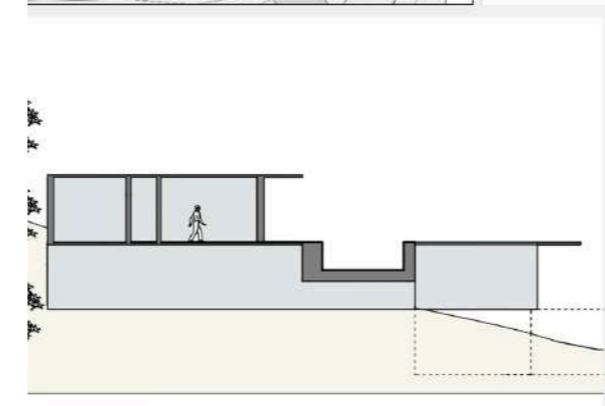
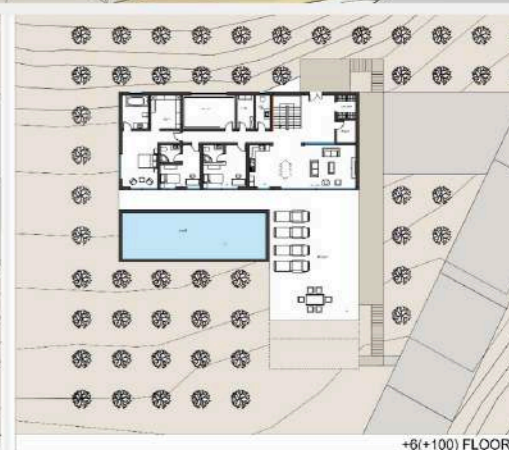
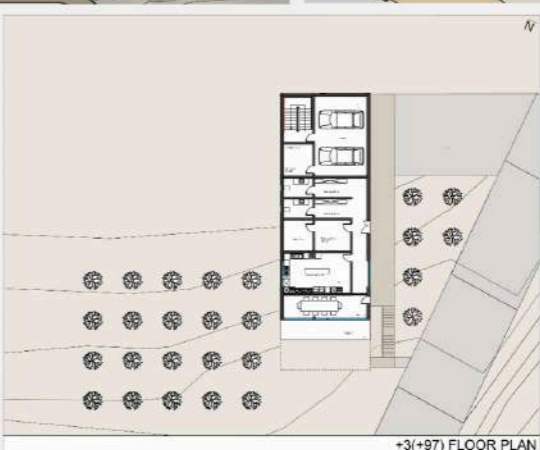
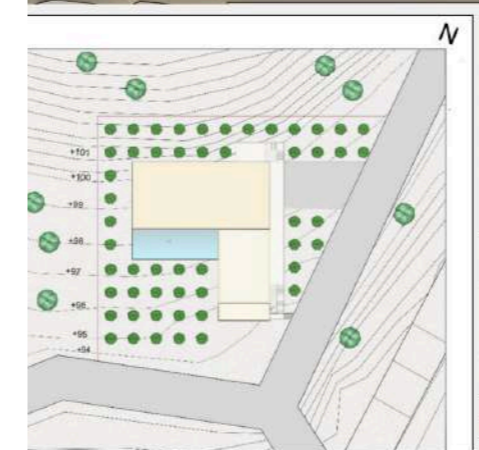
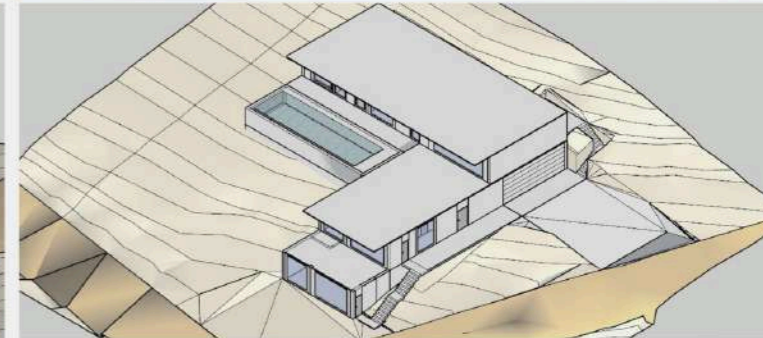
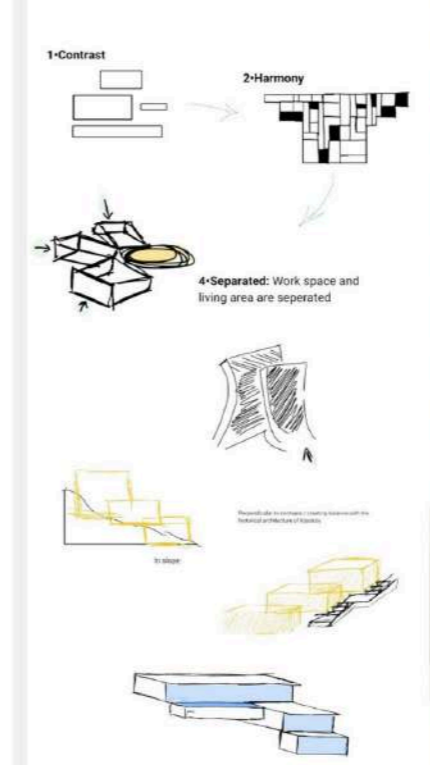
**Concept:** Based on Kayaköy settlement and lifestyle, harmony with context. Harmony of old and new.

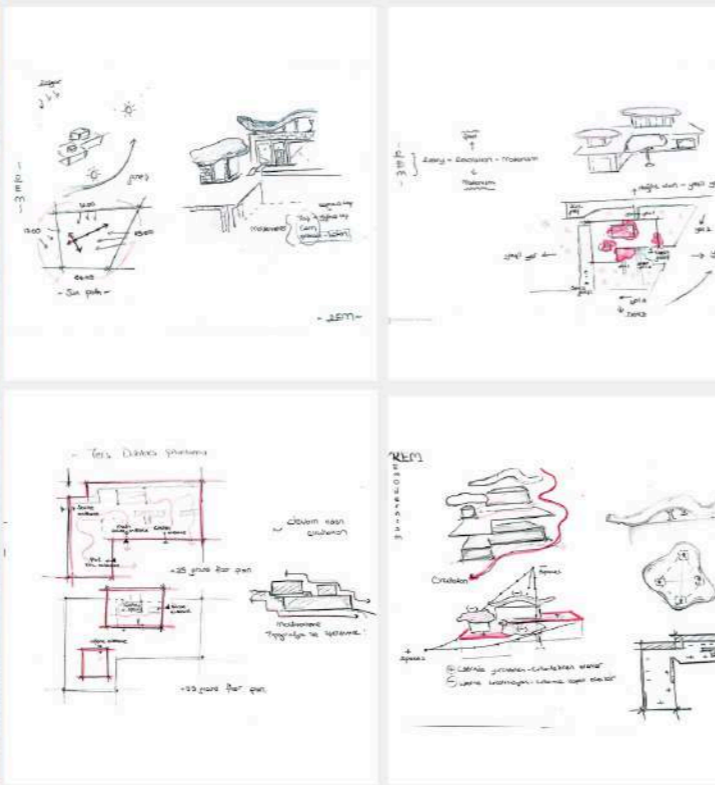
**Designing Ideas:** Open space designs Sustainability Integration to nature and topography Bright

**Context:** The neighborhood that was once a living settlement, abandoned years ago, where we can achieve the best harmony with the living space | designed

**Lifestyle:** The lifestyle of the father is similar to agriculture. The mother is involved in olive cultivation and the house is surrounded by olive trees. Getting the maximum yield from agriculture : Area use

**Orientation Type:** Parallel to the topography.

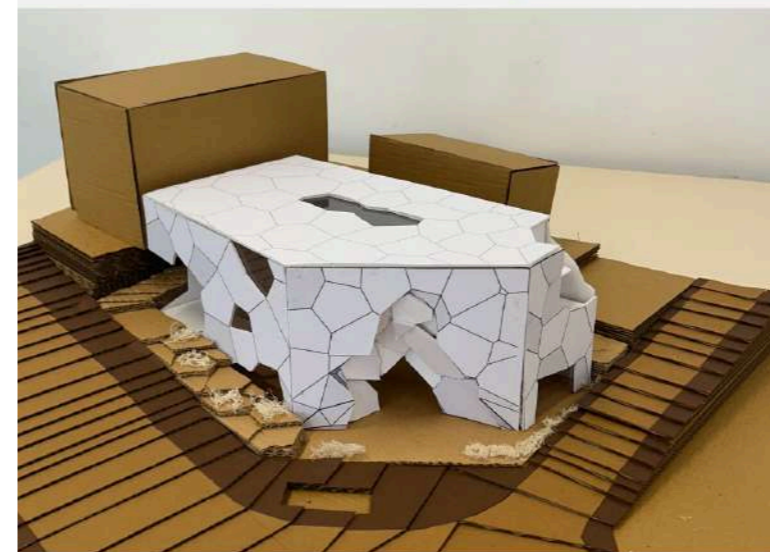
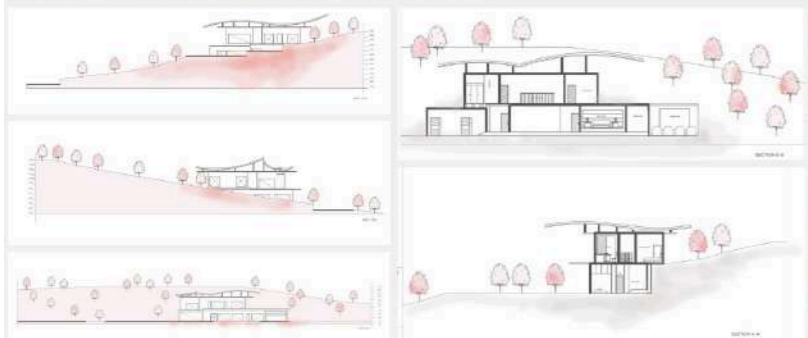
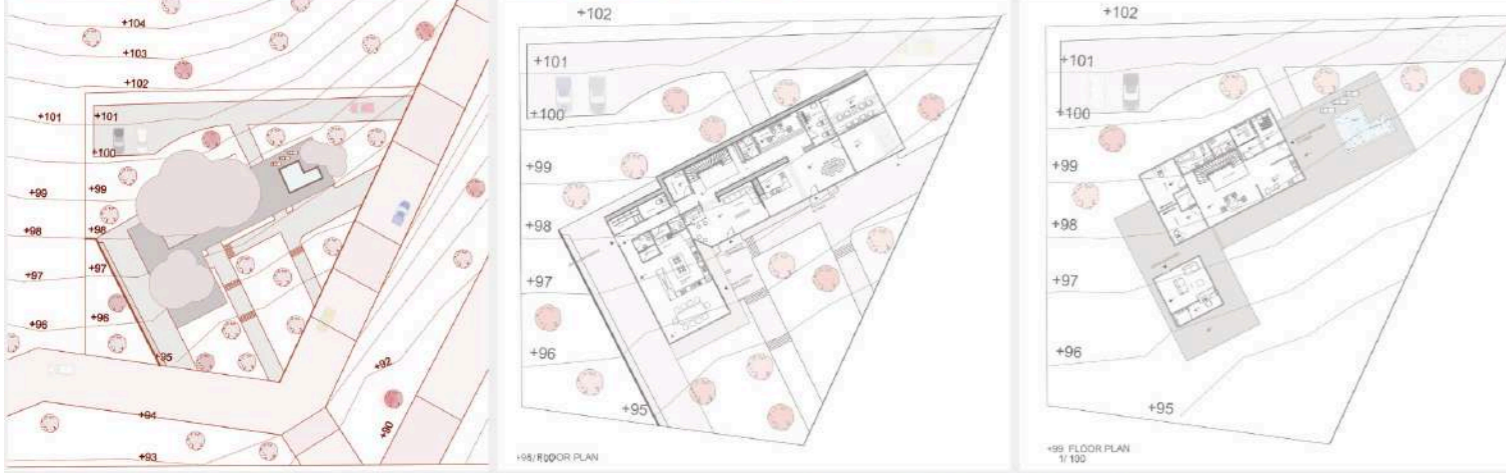
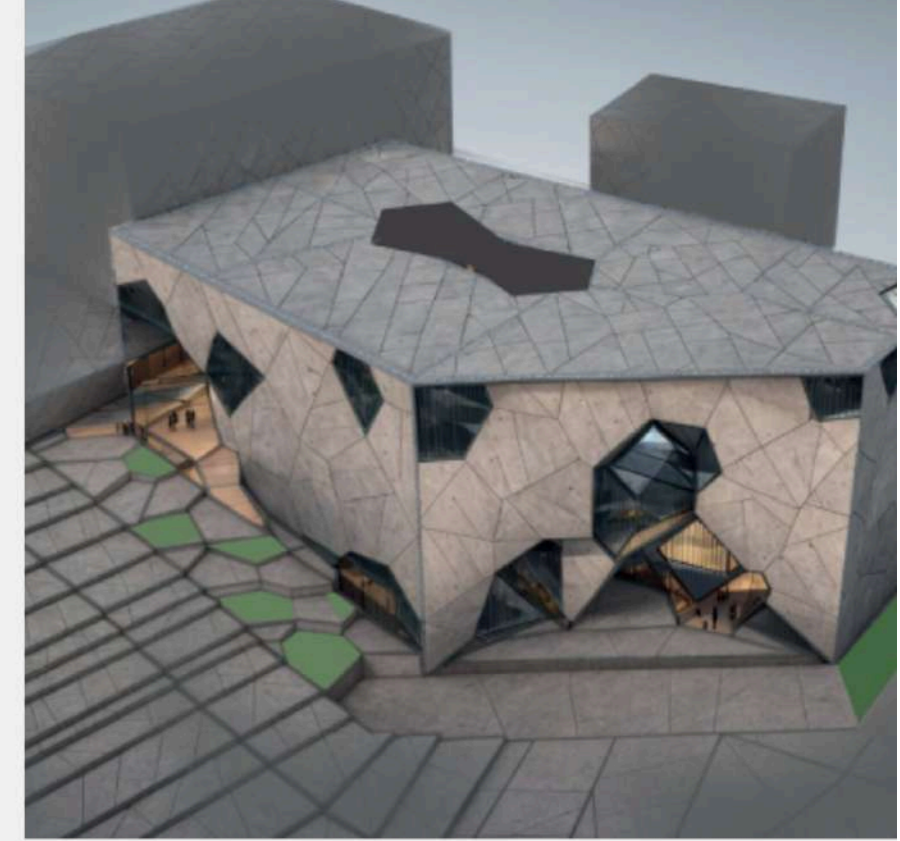


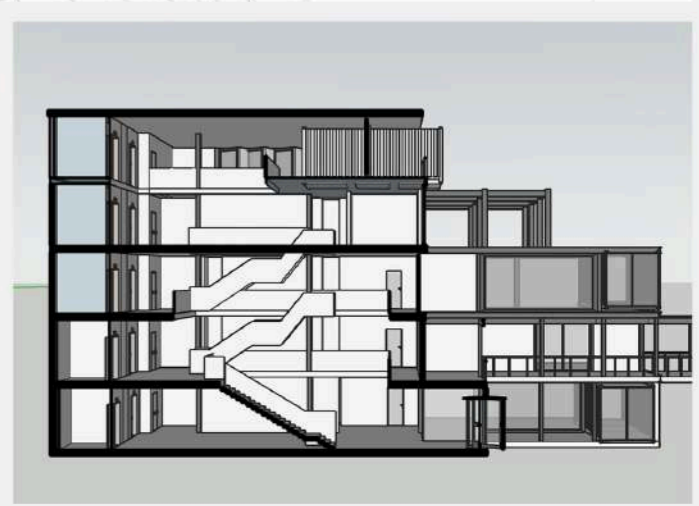
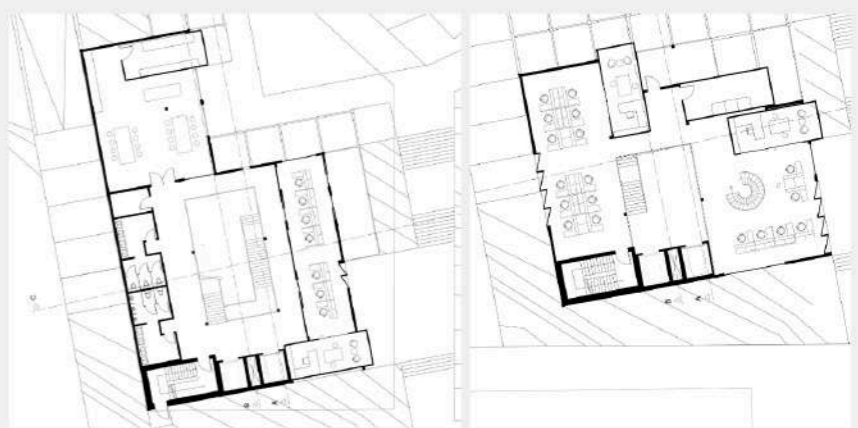
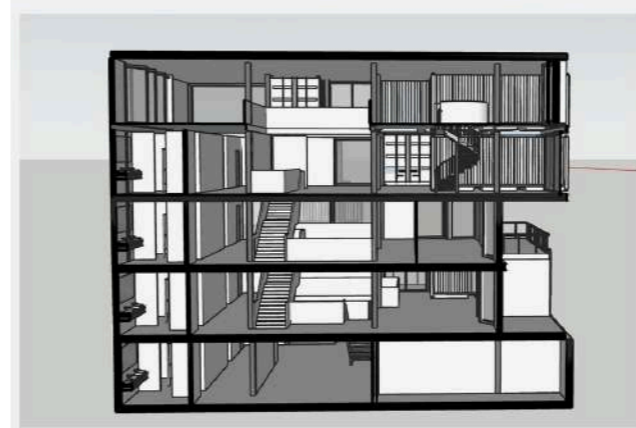
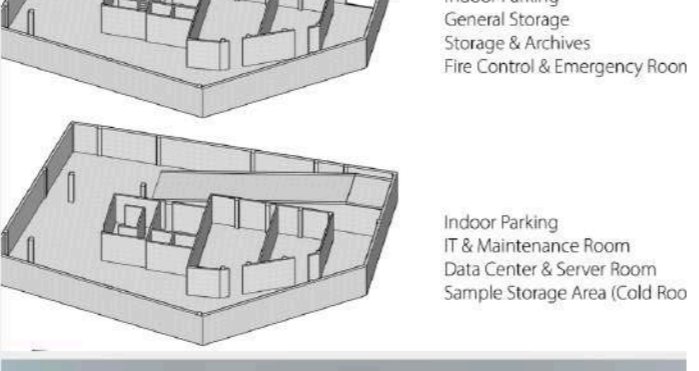
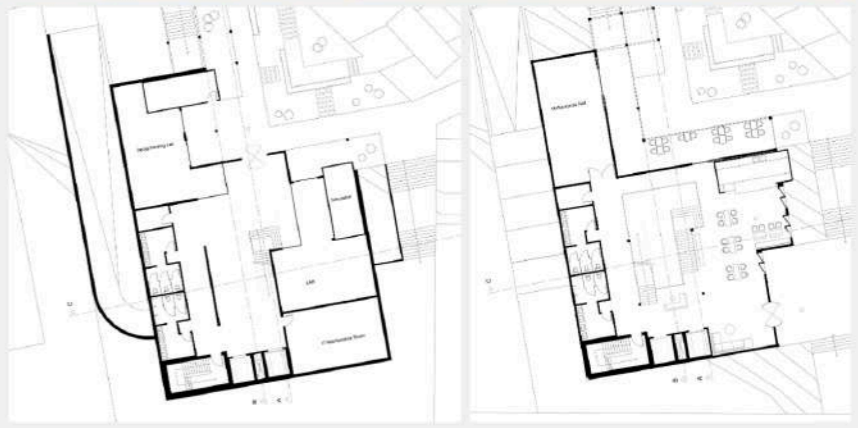
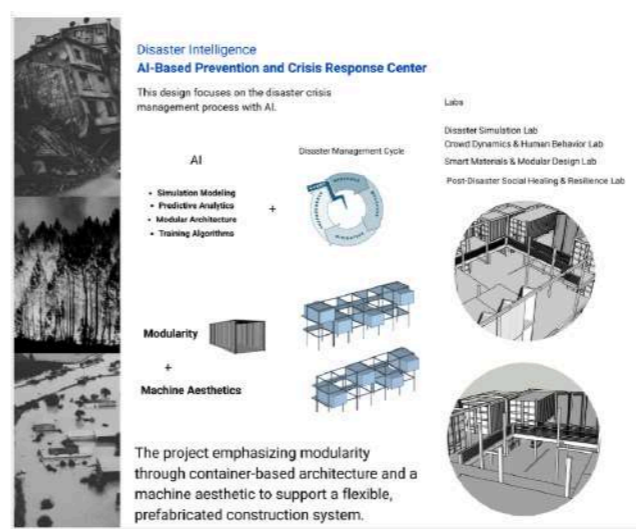
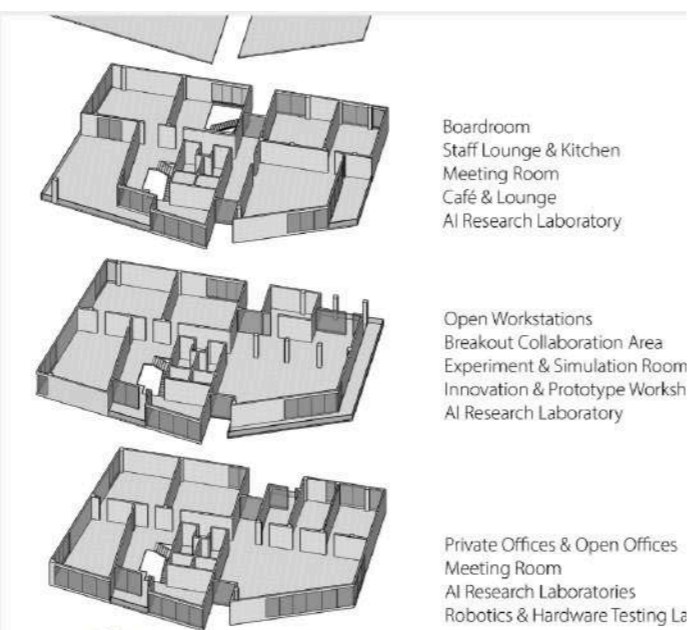


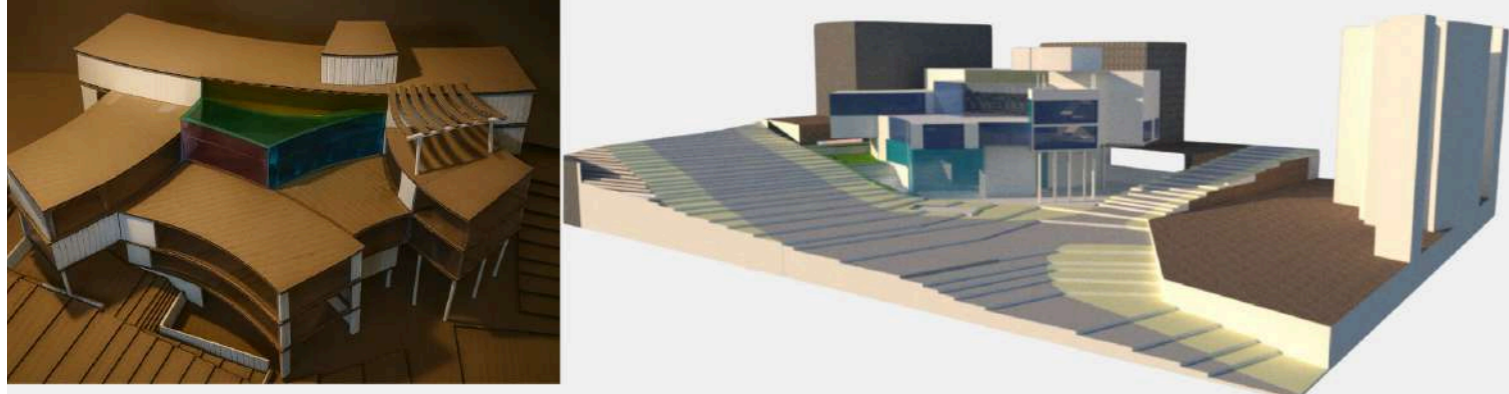
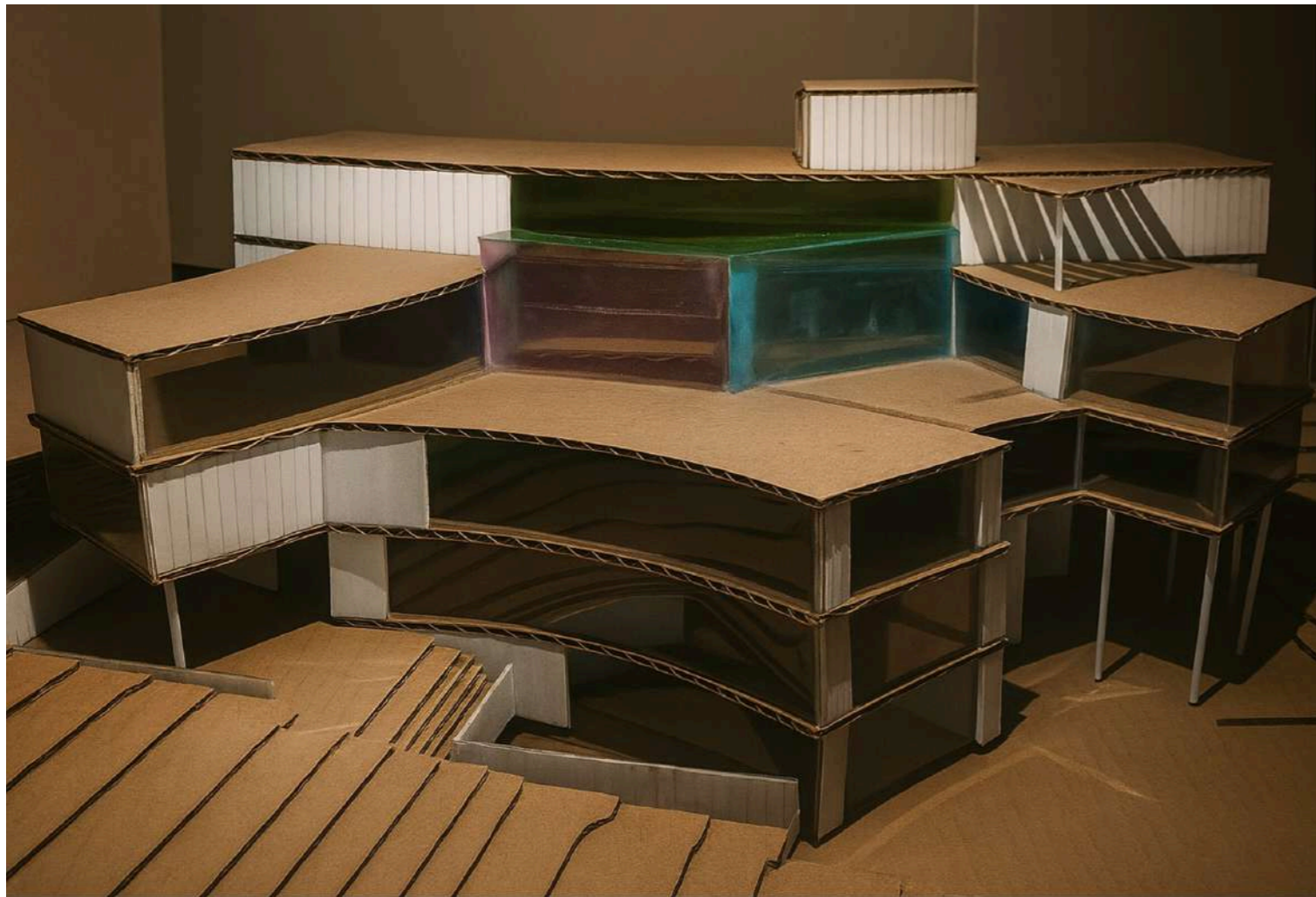
When I started researching artificial intelligence, I realized that many people, including myself, were biased and fearful of artificial intelligence. The reason for this bias and fear is not having enough information about the subject. At this point of view, I looked at how artificial intelligence works. Artificial intelligence collects information from the knowledge pool, that is, data, and creates an output by creating a whole from this data based on the input you give.



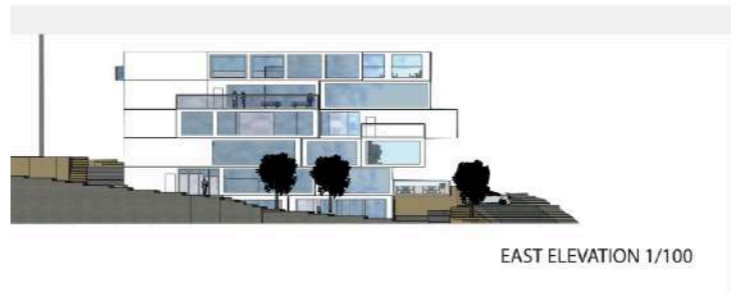
In other words, artificial intelligence collects pieces and creates a whole. I designed the structure based on this. The foam forms create a role and form the structure. In fact, the exterior of the structure conveys the working principle of artificial intelligence to us in this way. When we remove some parts from the whole, it does not affect the whole and still get a result. The gaps that are opened invite people in and teach them the working principle of AI. The structure as a whole gives information about what it is and how it works from the outside, while inviting people to this flow through the gaps.



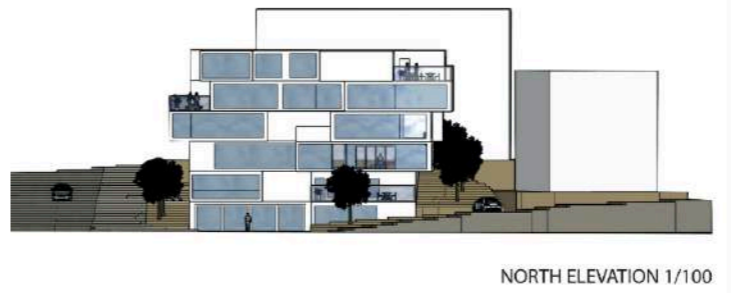




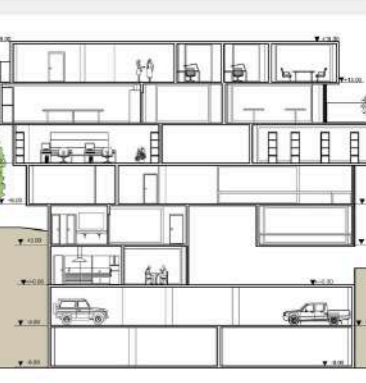
EAST ELEVATION 1/100

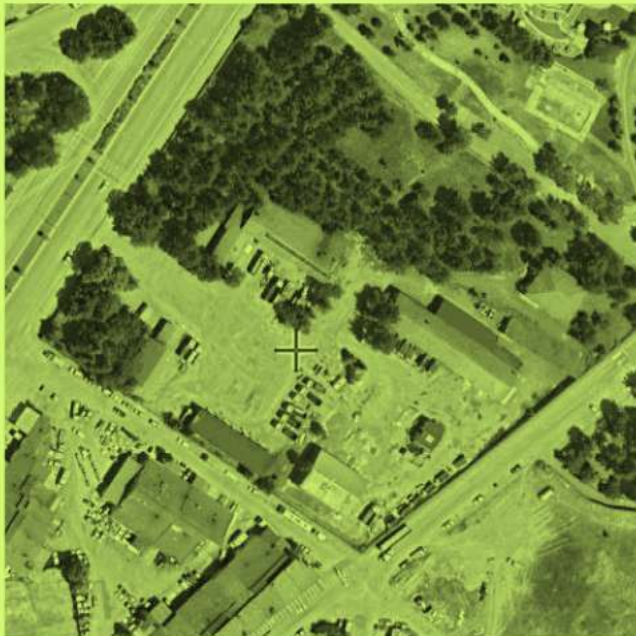


NORTH ELEVATION 1/100



WEST ELEVATION 1/100





### ARCH 301

#### Re-designing Public Space: A Vision for Tomorrow's Civic Architecture

**Instructors:** Prof. Dr. Gülsu Ulukavak Harputlugil, Prof. Dr. Timuçin Harputlugil, Lect. Selçuk Uysal, Res. Assist. Dr. H. Nur Özkan Öztürk

**Location:** Karabük, Safranbolu, Barış

Within the scope of the ARCH 301 project, a public hub in Safranbolu was envisioned to accommodate the Municipality Building and the District Governor's Office. Students were expected to develop a master plan that integrates these administrative facilities with the existing greenery while fostering collaboration through landscape. A distinctive architectural language was encouraged to establish a city landmark, and one of the two buildings was expected to be designed in detail to ensure cohesion between the built parts and the broader development strategies.

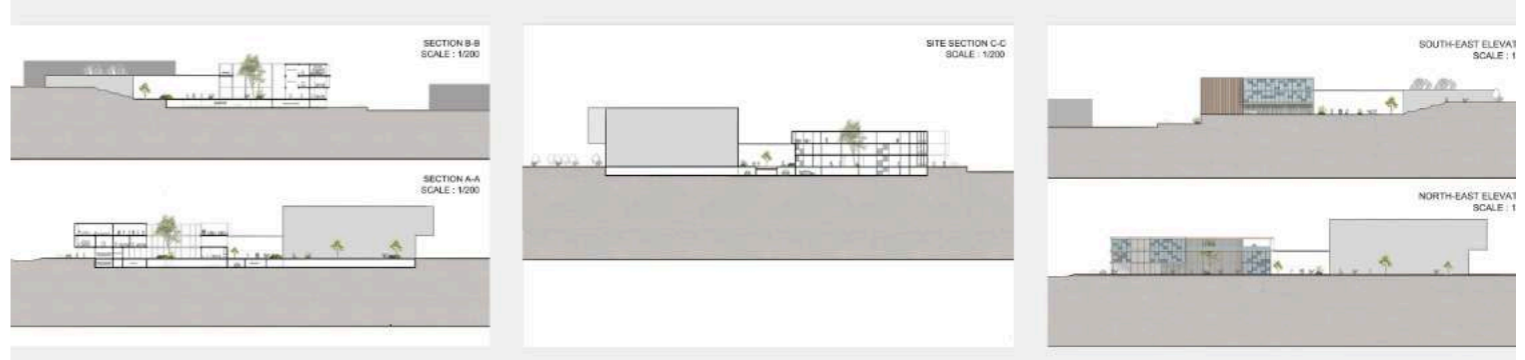
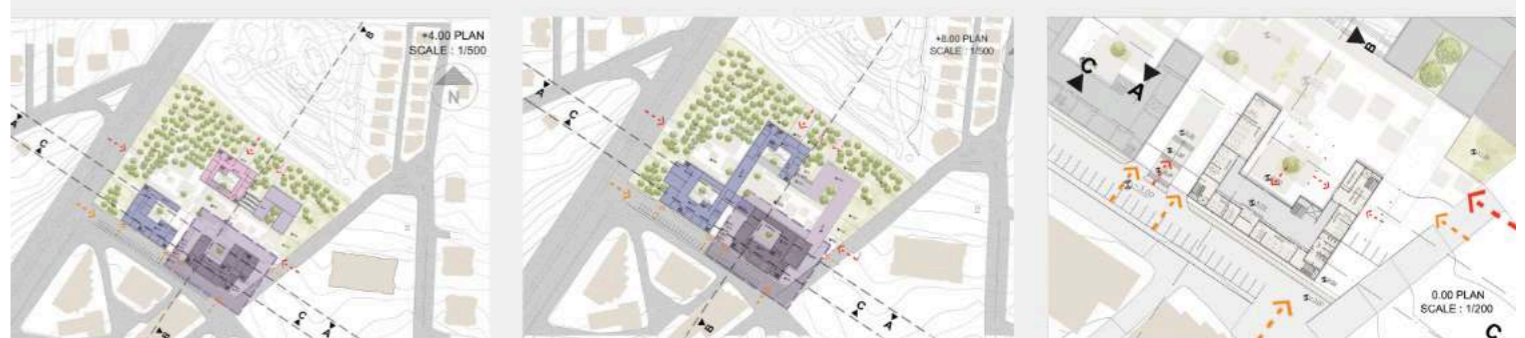
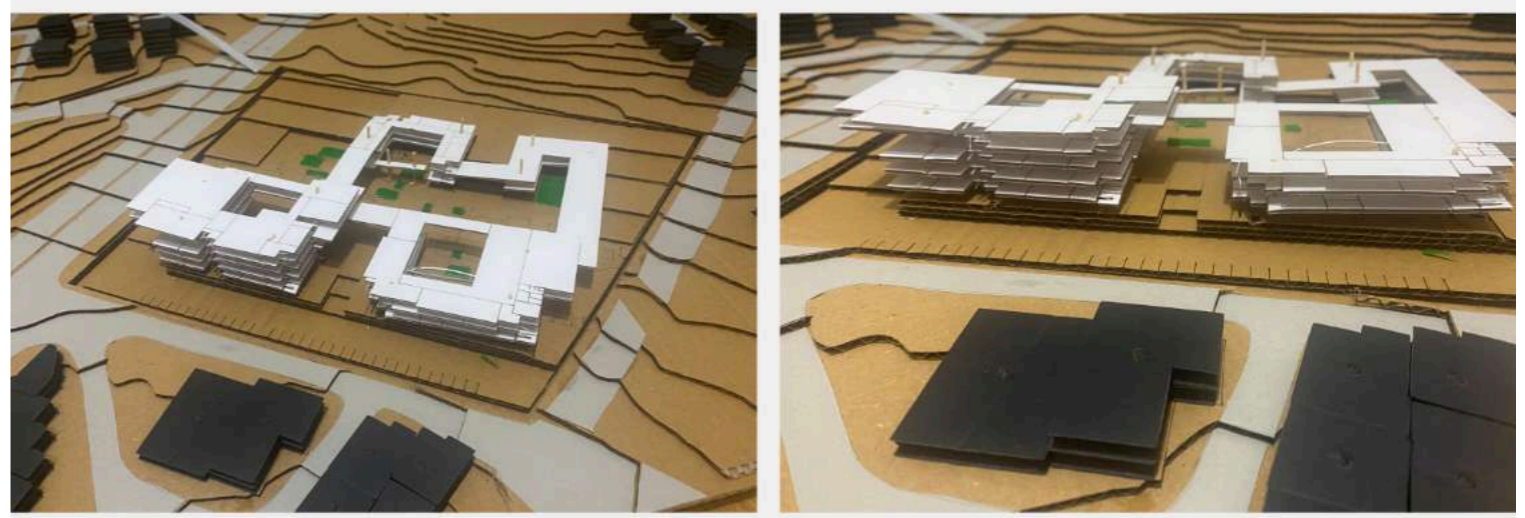
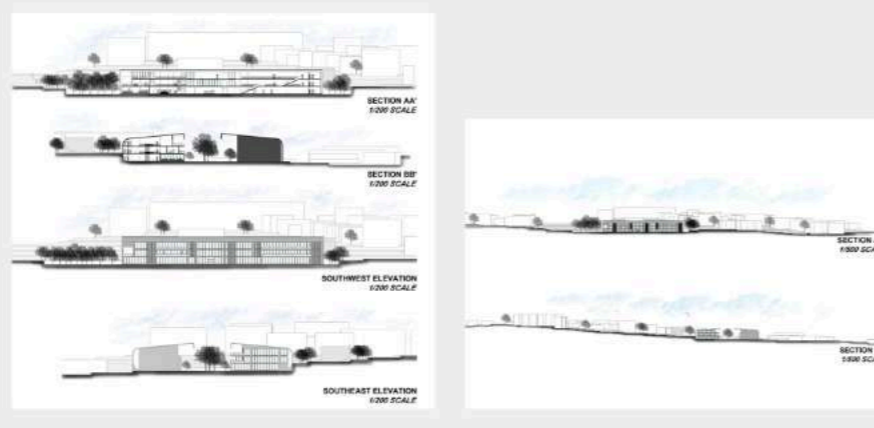
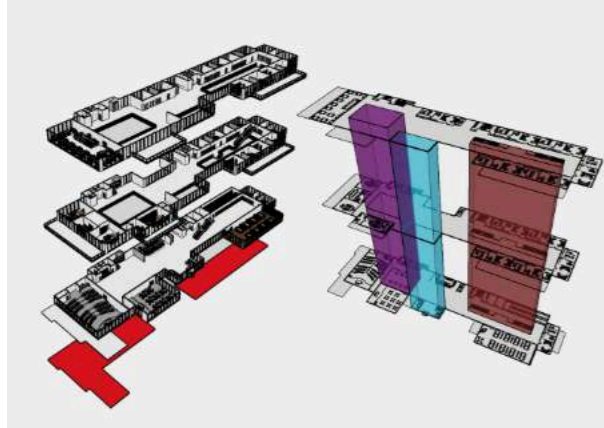
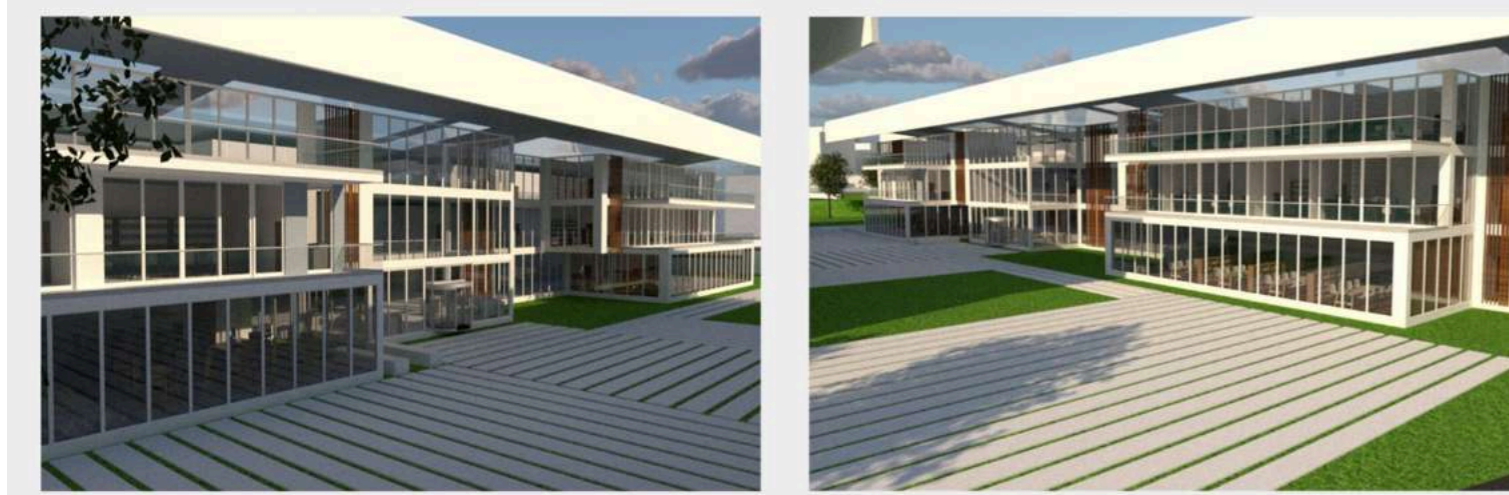
### ARCH 302

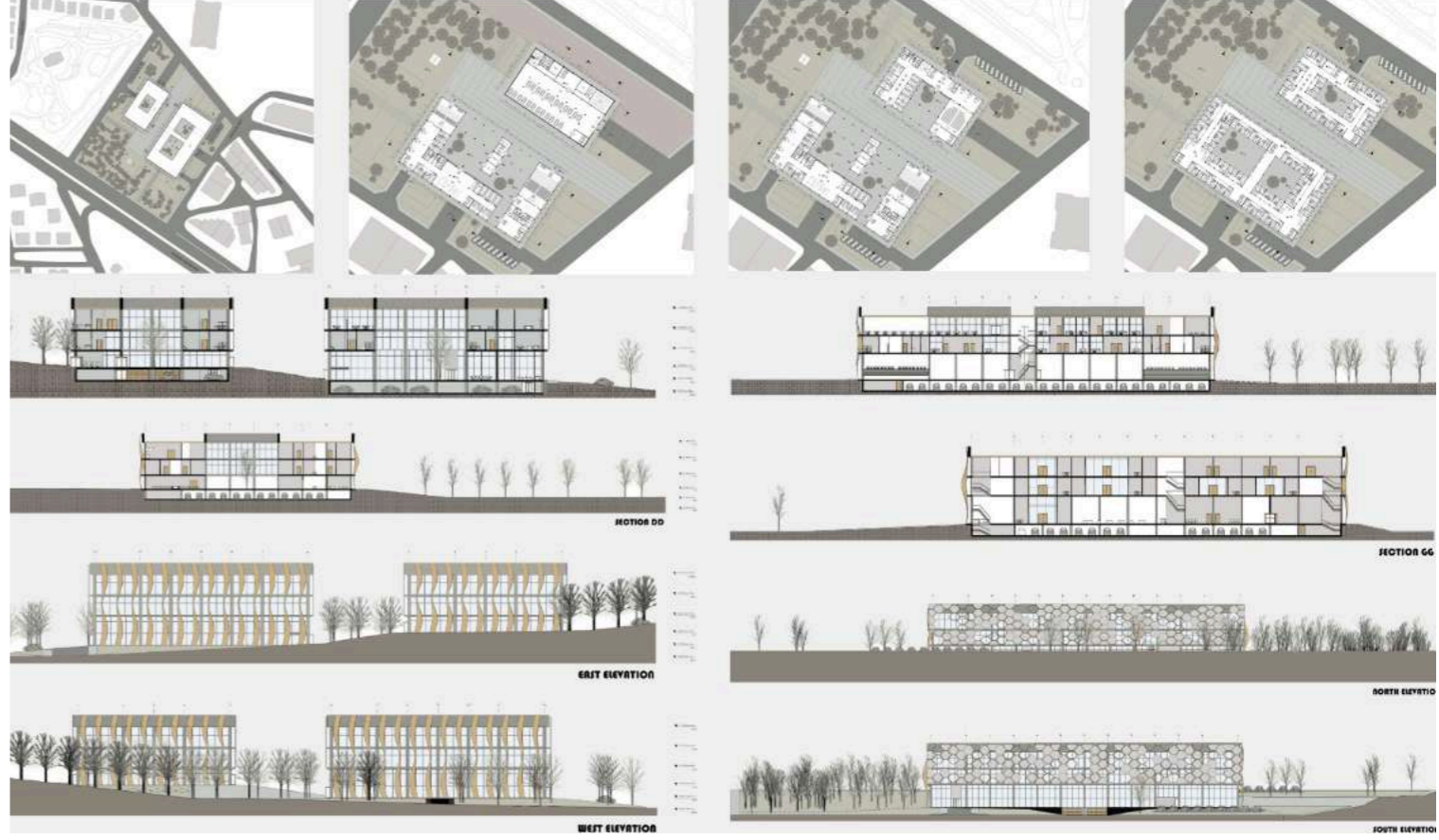
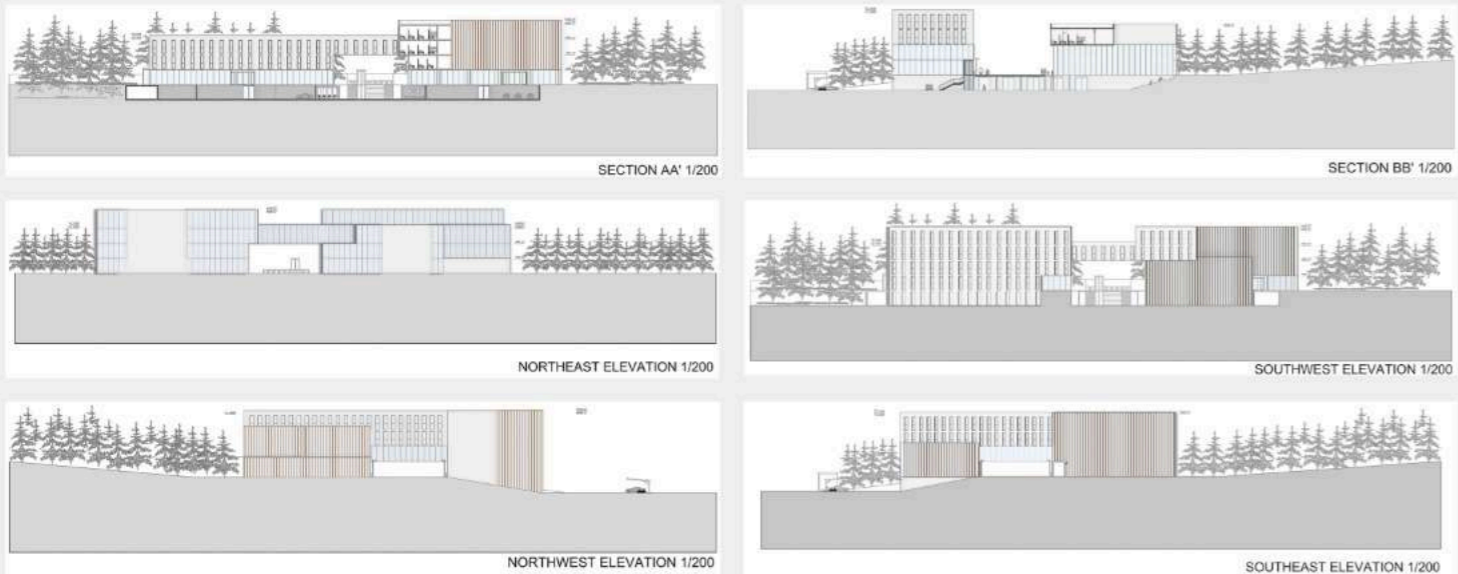
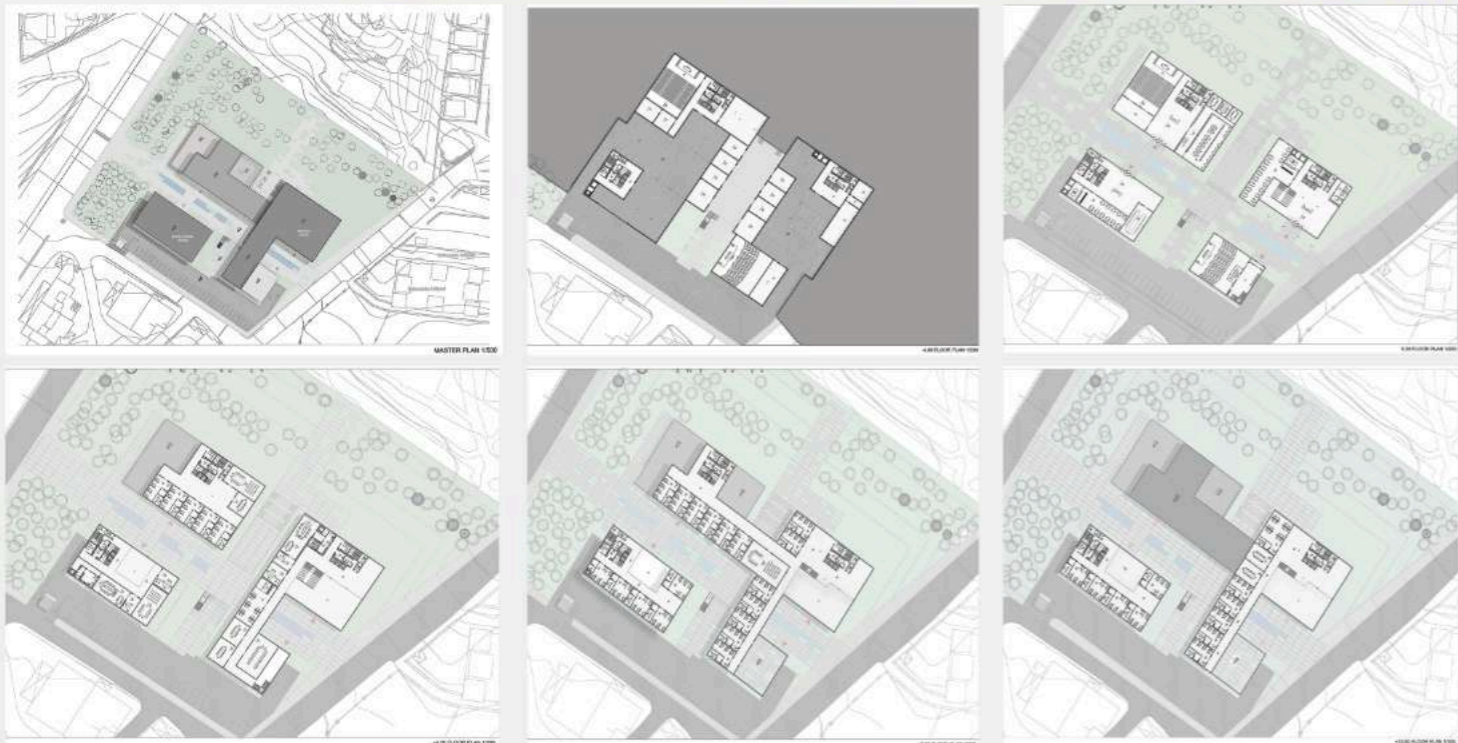
#### Re-designing Public Space: A Vision for Tomorrow's Civic Architecture

**Instructors:** Prof. Dr. Gülsu Ulukavak Harputlugil, Prof. Dr. Timuçin Harputlugil, Lect. Selçuk Uysal, Res. Assist. Dr. H. Nur Özkan Öztürk

**Location:** Karabük, Safranbolu, Barış

This year's ARCH 302 project was about designing a public buildings area in Safranbolu. This center is intended to serve as a public hub, accessible to both residents and tourists, offering a welcoming space for citizens and becoming a focal point for the city. The public buildings included in the project are the Municipality Building and the District Governor's Office. These two administrative buildings play a crucial role in the governance of Safranbolu. The design aims to create a landscape that not only accommodates these two key structures but also facilitates their interaction and collaboration through shared use of space. The architectural design is expected to be both distinctive and iconic, establishing the area as a landmark for the city.











## ARCH 401

### Ankara Urban Archaeology Center

**Instructors:** Prof. Dr. Aslı Er Akan, Prof. Dr. Fatma Gül Öztürk Büke, Dr. Inst. Ayça Özmen, Lect. Dr. Leyla Etyemez Çıplak, Res. Assist. Dr. Başak Kalfa

**Location:** Ankara, Altındağ, Hacı Bayram

For the 2024-2025 Fall Semester, students were expected to design "Ankara Urban Archaeology Center" in the historic Ulus district. This multi-layered site, which includes the ancient Roman *Cardo Maximus*, required students to engage with the continuous historical topography of the city. A new urban integrity was sought by reconciling former and latter architectural elements, ensuring that the design functioned as a cohesive whole within its significant heritage context, creating a new urban whole which reconcile with the former urban topography.



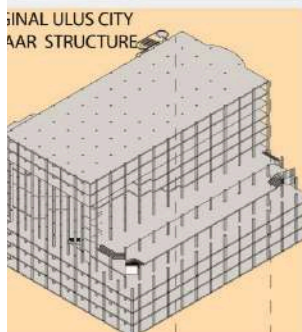
## ARCH 402

### Antalya Aquatic Center

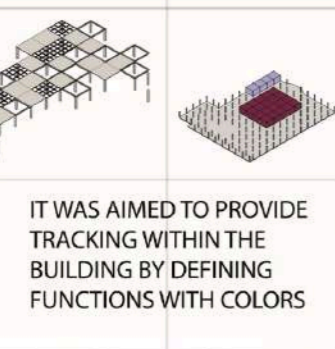
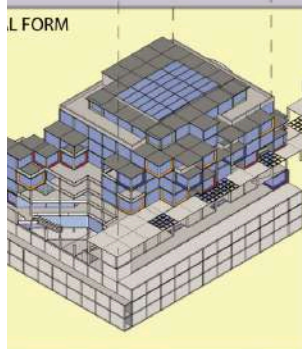
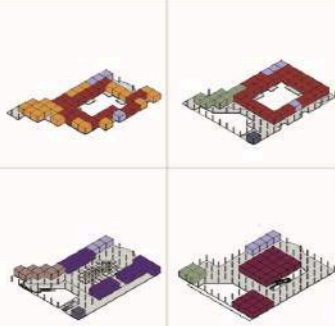
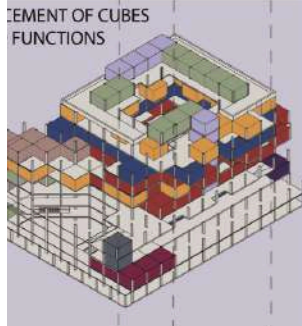
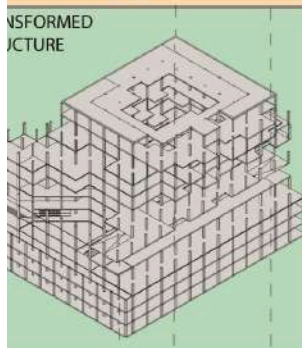
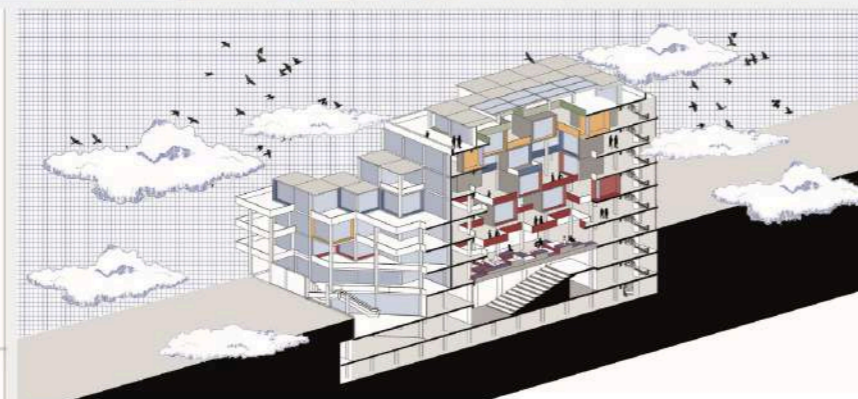
**Instructors:** Prof. Dr. Aslı Er Akan, Prof. Dr. Fatma Gül Öztürk Büke, Dr. Inst. Ayça Özmen, Lect. Dr. Leyla Etyemez Çıplak, Res. Assist. Dr. Başak Kalfa

**Location:** Antalya, Konyaaltı, Liman

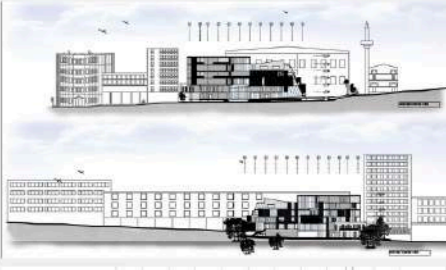
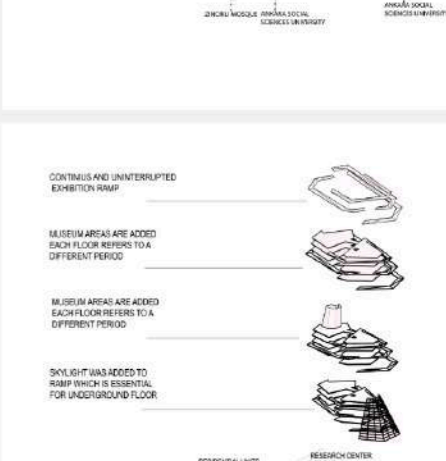
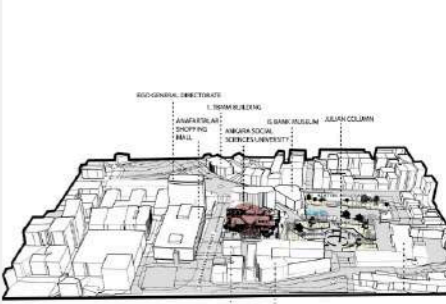
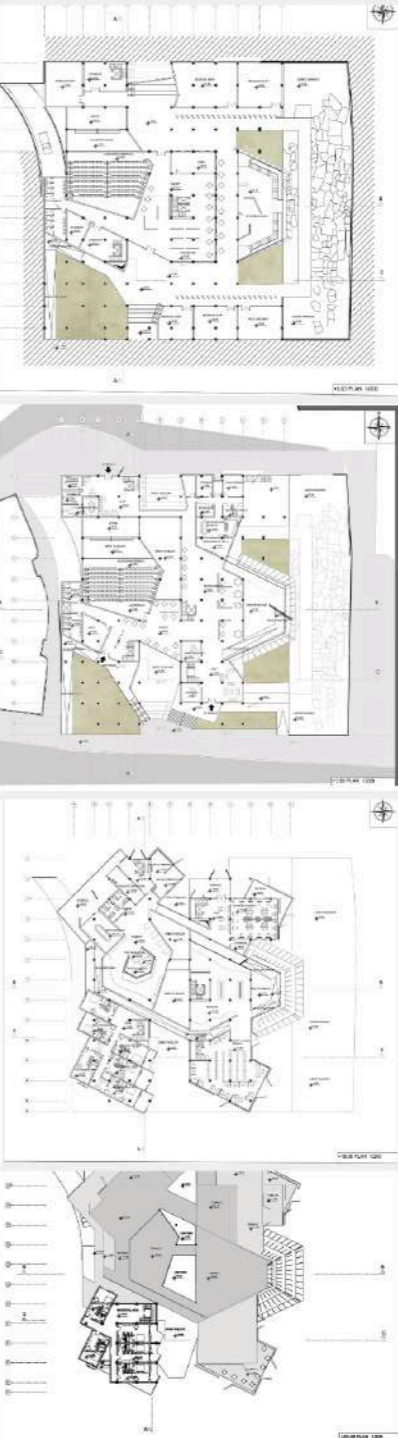
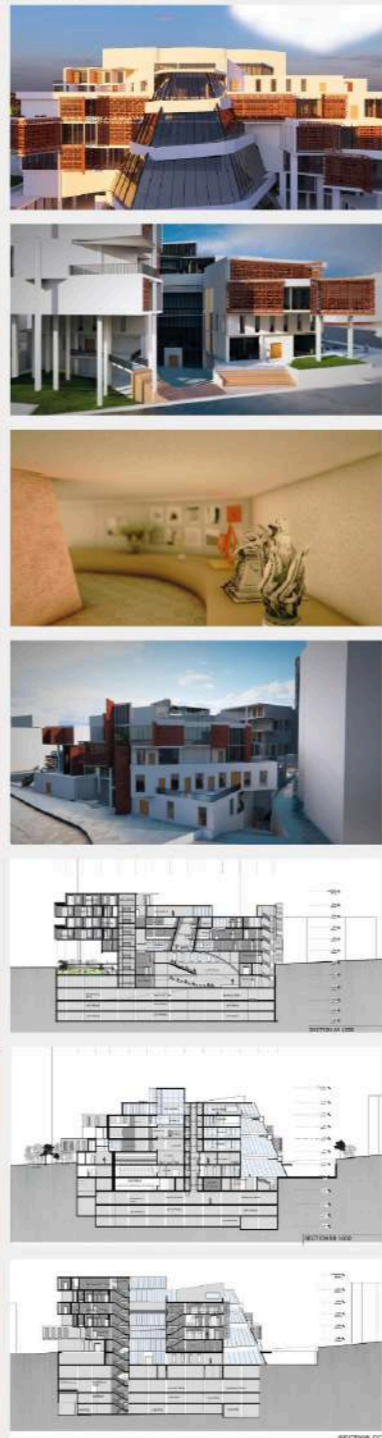
The Aquatic Center at Antalya Harbor is envisioned as a state-of-the-art facility that seamlessly integrates sports, rehabilitation, and accommodation to serve both professional athletes and the wider community. Positioned along the Antalya Harbor, the project must respond to the unique environmental and climatic conditions of Antalya while fostering a dynamic relationship between architecture, water, and human performance. The facility will comprise three primary components: a high-performance aquatic center that primarily dwells on professional swimming and diving, an athletes' village for athletes to accommodate during the competitions and training seasons, and a rehabilitation center. Students were expected to design a climate-sensitive, seaside sports and rehabilitation hub in Antalya, integrating athlete housing with universally accessible public spaces.

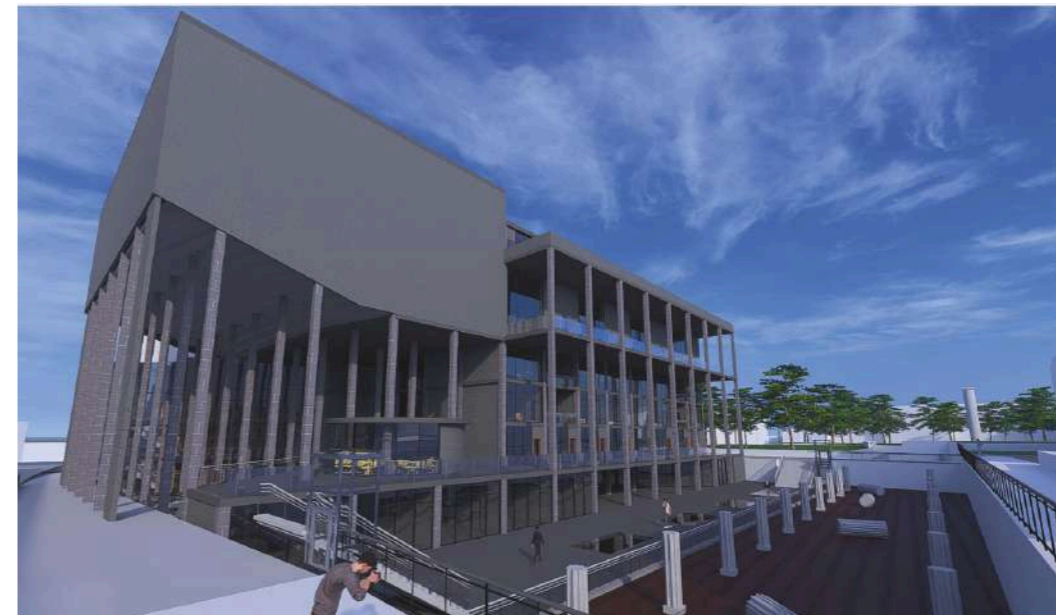
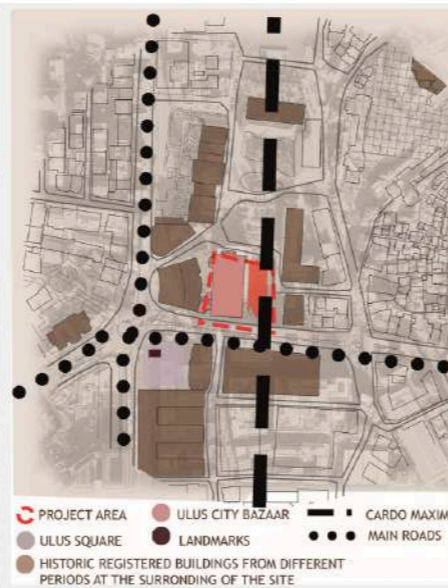


- RESEARCH CENTER
- GASTRONOMIC FACILITIES
- LIBRARY
- CLASSROOMS, STUDY ROOMS AND WORKSHOP ROOMS
- EXHIBITION HALL AND MUSEUM
- ADMINISTRATION OFFICES AND GUEST ROOMS
- CIRCULATION CUBES
- AUDITORIUM AND SEMINAR ROOM



IT WAS AIMED TO PROVIDE TRACKING WITHIN THE BUILDING BY DEFINING FUNCTIONS WITH COLORS





THE URBAN ARCHAEOLOGY CENTER | TUAF

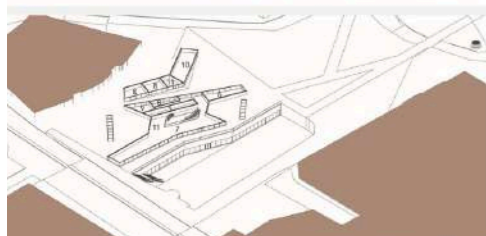
**TRANSFORMATION**

POSSIBLE  
NATURAL  
HARMONY WITH  
HISTORICAL  
SUSTAINABLE  
SIGNIFICANT

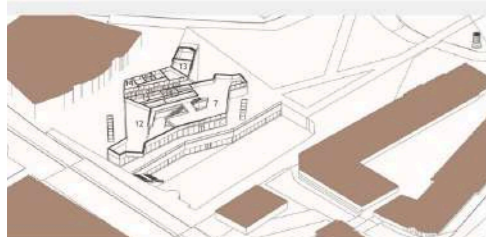
-THE GRIDDED  
STRUCTURE OF THE  
BUILDING IS HIGHLY  
SUITABLE FOR  
TRANSFORMATION

1. AUDITORIUM
2. FOYER
3. ARCHAEOLOGY LAB
4. KITCHEN
5. SERVICE AREA
6. WORKSHOP
7. MUSEUM
8. STORE
9. CAFE
10. RESTAURANT
11. ENTRANCE
12. LIBRARY
13. ADMINISTRATION
14. GUEST ROOM
15. STUDY ROOM
16. OFFICE

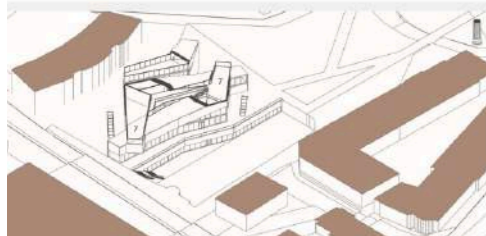
-5.00 LEVEL PLAN



+0.00 LEVEL PLAN



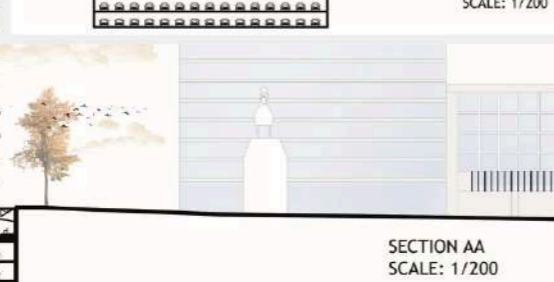
+3.50 LEVEL PLAN



+7.00 LEVEL PLAN



SECTION BB  
SCALE: 1/200



SECTION AA  
SCALE: 1/200

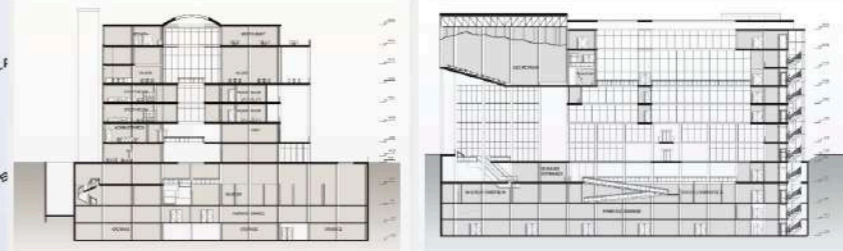
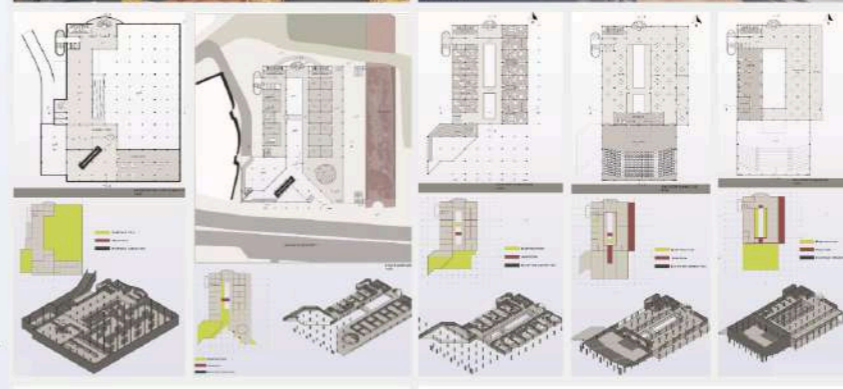
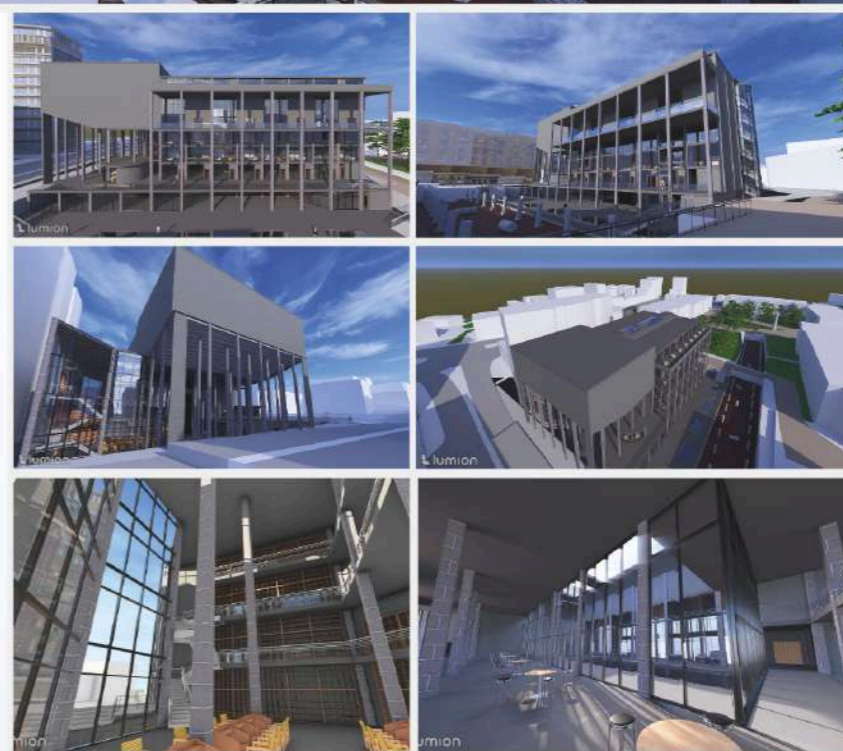


1. REFERENCE TO THE LINEARITY OF ROMAN ROAD IN THE CULTURAL BAND

2. ORIENTATION TOWARDS TO THE ARTIFACTS OF DIFFERENT STRATIFICATION OF ANKARA.

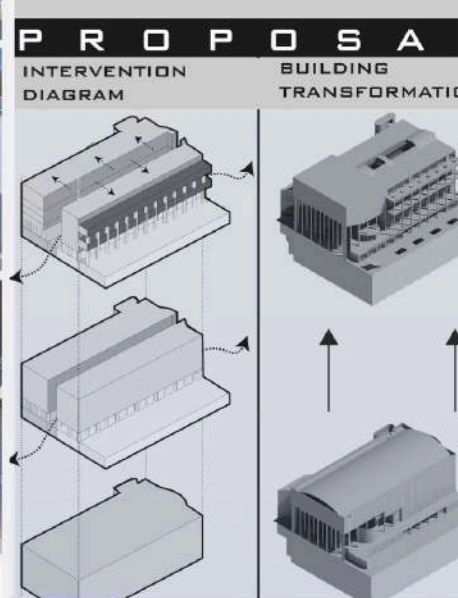
3. ADDING 2. BAND AS RESEARCH BAND OF THE URBAN ARCHAEOLOGY CENTER.

4. 3. BAND ADDED COMMERCIAL BAND WHICH CONTINUES THE FUNCTION OF THE SITE IN GENERAL.



**DESTRUCTION IS NOT A SOLUTION PROBLEM**

-DYS/MALFUNCTIONED  
-TOTALLY INTROVERTED





# AQUATERRA

The idea of "Terra" refers to the green axis extended from the breakwater into the future residential area, creating a green urban corridor linked to the ring road.

The idea of "Aqua" reflects pools integrated into the landscape, blending water's calmness and motion to create a dynamic, engaging user experience.

**lumion**

1. AQUATIC WATER POOL FACILITY  
2. RECREATION FACILITY  
3. REHABILITATION CENTER  
4. RECREATION POOL FACILITY  
5. AQUATERRA  
6. ACCOMMODATION  
7. MARKET  
8. MARKET AREA

**lumion**

RECREATION CENTER (PUBLIC USE)  
MARKET POOL FOR PUBLIC

**SITE PLAN**

AQUATIC COMPLEX +0.00 LEVEL PLAN  
AQUATIC COMPLEX +5.00 LEVEL PLAN  
AQUATIC COMPLEX +8.00 LEVEL PLAN  
AQUATIC COMPLEX +11.00 LEVEL PLAN  
AQUATIC COMPLEX +17.00 LEVEL PLAN  
ACCOMMODATION +0.00 LEVEL PLAN  
ACCOMMODATION +4.00 LEVEL PLAN  
ACCOMMODATION +8.00 LEVEL PLAN

SITE SECTION AA  
SITE SECTION BB  
SITE SECTION CC

**Land Subdivision**

Rehabilitation Zone  
Athlete Village Zone  
Aquatic Center  
Social Zone  
Open Air Sport Zone  
Bicycle and Running Path with Sports Stations  
Tower  
Bicycle Road Ending

**Extension Of Bicycle Path**

Antalya Free Zone  
Terminal Antalya

**Current Situation**

GROUND FLOOR PLAN 1/200  
SECTION AA 1/20

