B.Arch [21-25]

PORTFOLIO

ALİ ÖZGÜR KAYA

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I am a graduate in Architecture and Computer Programming with a strong focus on integrating technology into architectural thinking and practice. My multidisciplinary background allows me to merge design sensitivity with technical precision, fostering innovation across digital and spatial environments.

I am passionate about exploring how computational tools, data-driven design, and digital media can enhance architectural expression and urban well-being. Through experiences in digital content creation, visual design, and social media management, I have developed a clear and compelling way of communicating architectural ideas.

Driven by curiosity and collaboration, I aim to contribute to future-oriented projects that bridge architecture, technology, and creativity to shape more adaptive, human-centered environments.

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education

2020-2025 İzmir Institute of Technology | İzmir
Architecture
Honor Degree GPA 3.18

2025-now Anadolu University | Eskişehir
International Trade
Correspondence School

2021-2023 Atatürk University| Erzurum
Computer Programming
GPA 3.18

2015-2019 Nurullah Eren Anatolian High School

experience

aug 2025 – sep 2025 CARBON ARCHITECTURE | İzmir
Office Internship
8 week

jul 2023 – aug 2023 SAYGIN A.Ş. | İzmir
Construction Site Internship
6 week

jul 2023 – jul 2023 DMR Harita Mühendislik | İzmir
Building survey and Restoration Internship
2 week

aug 2022 – sep 2022 IZTECH | İzmir
Surveying and Map Knowledge Internship
4 week

other

jun 2024 – now 2024 International Exchange Program
Work and Travel Program
United State of America

languages

Turkish Native
English Upper-Intermediate
Spanish Begginer

skills

Modeling

ArchiCAD
Revit
Sketchup
Rhino

Drawing

AutoCAD

Visulation

Adobe Photoshop
Adobe Illustrator
Adobe Premiere Pro

Rendering

Lumion
Enscape
Twinmotion

workshop and seminars

sep 2025 Design Thinking for Good | d-conference'25
Global Design Thinking Alliance/ Yaşar University

apr 2024 Computation for Earthquake Resilience and Recovery
Delft University of Technology [TU Delft]

may 2024 Leadership Training
Rotary International

competition

dec 2025 World Architecture Awards / 52nd Cycle
World Architecture Community
Student Awards Winner (2 categories)

jul 2025 Deep Underground Project| Healow
Special Recognition Award

jan 2023 Kaira Looro 2023's Ed.| The Boundless
Primary School Design Competition
Participant

references

Prof.Dr. Erdem ERTEN
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Asst.Prof. Dr. Ebru Yılmaz
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Asst.Prof. Dr. Ülkü İnceköse
ARTI3 Architecture - İzmir Institute of Technology
ulkuincekose@iyte.edu.tr

Asst.Prof. Dr. Hasan Burak Çavka
İzmir Institute of Technology
hasancavka@iyte.edu.tr

[awarded]**

[2024-2025]

HEALOW

basmane izmir
_subterrenean, public

**world architecture awards*
**underground project comp.*

[2023-2024]

TerraDIVISION

karşıyaka izmir
_housing

[2023-2024]

CROSSING THROUGHT

konak izmir
_public

[2022-2023]

WATER ROUTE

urla izmir
_public

[competition]*

[2023]

THE BOUNDLESS

casamance senegal
_public

_primary school
_competition project

**kairaa looro comp.*

[2024-2025]

VISITOR CENTER

iztech izmir
_public

_application project

HEALOW basmane

"a threshold to well-being"

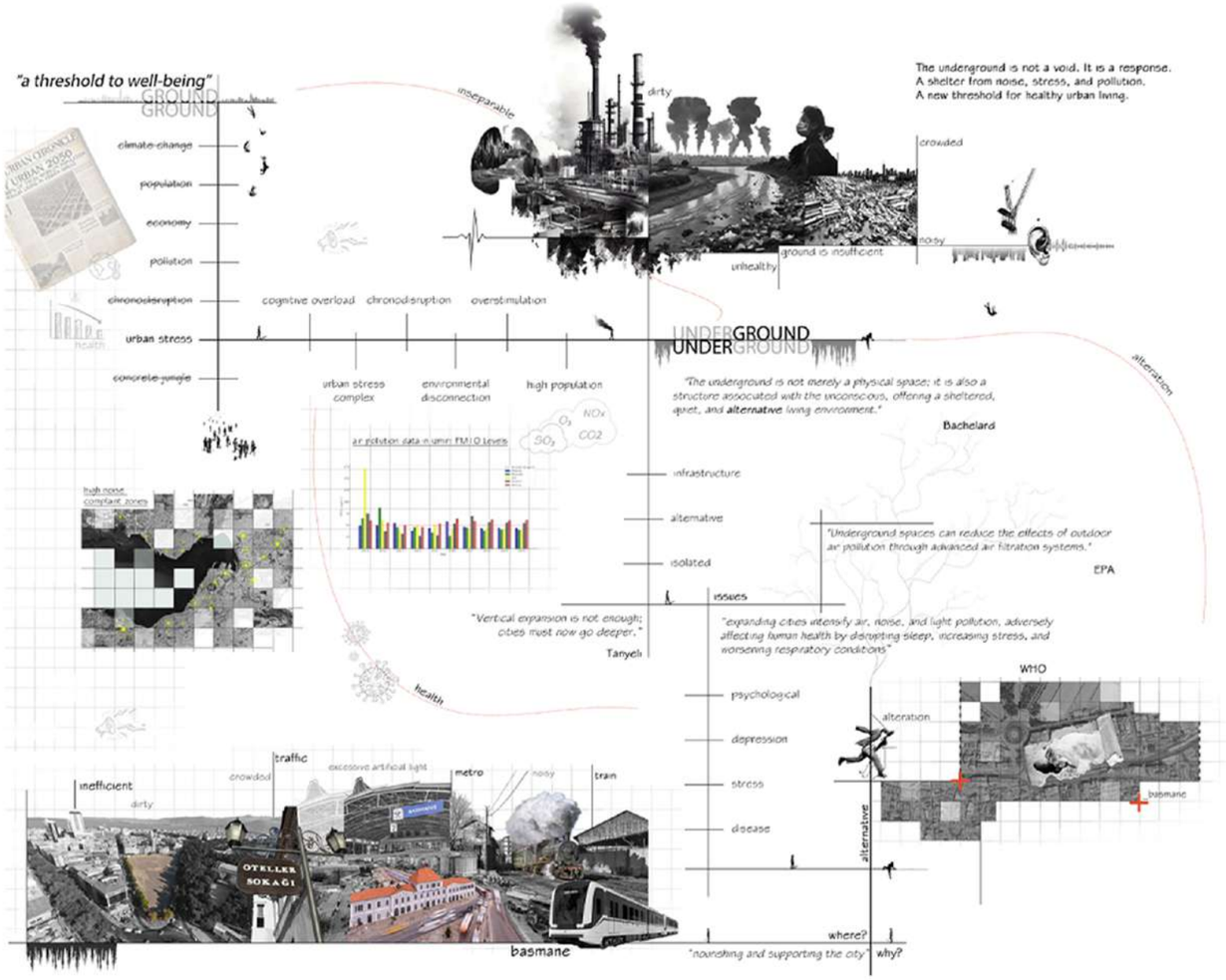
[awarded]
2024-2025

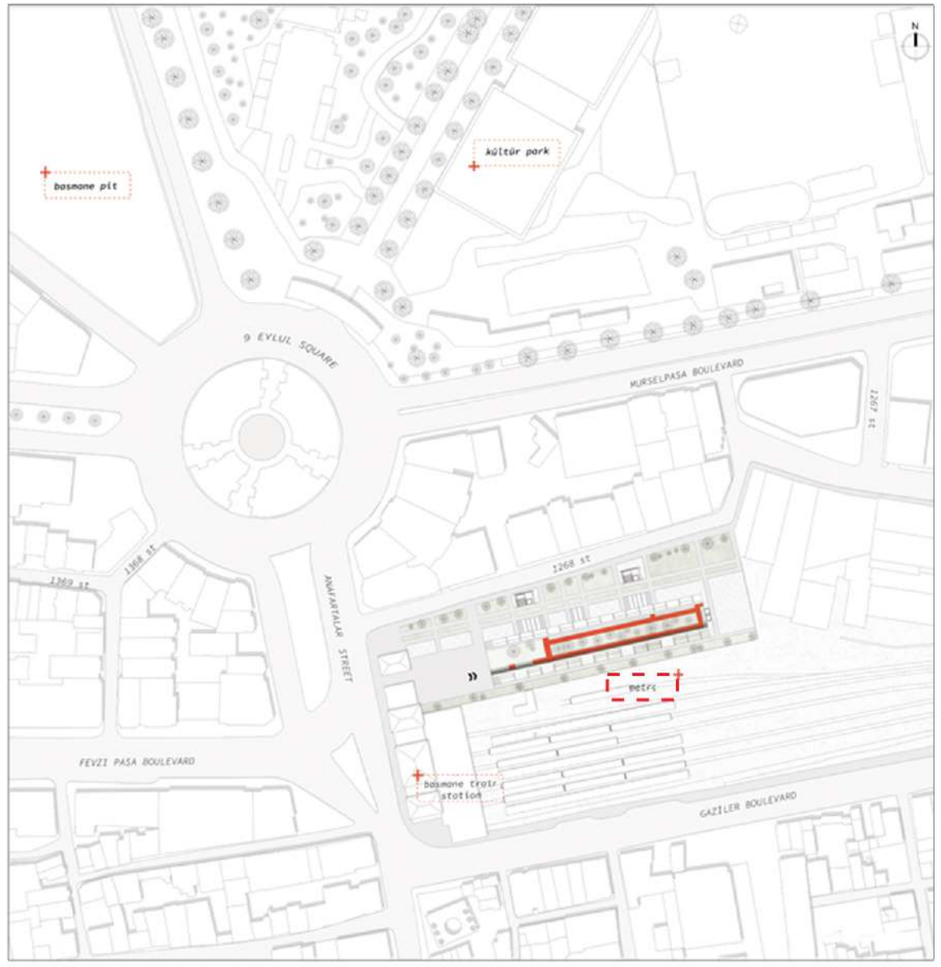
location basmane izmir
function subterrenean, public
project size 12.000 m²

HEALOW

HEALOW is an award-winning project that transforms Basmane's underground into a public threshold for sensory relief and environmental balance. By addressing air, noise, and light pollution, the design creates a sequence of low-stimulus spaces—silence zones, air-purified courtyards, reflection units, and sensory balance areas—integrated with the existing metro system.

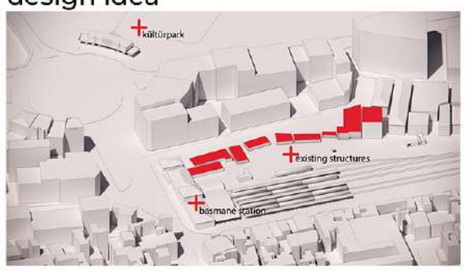
Far from being mere infrastructure, HEALOW demonstrates how subterranean architecture can enhance urban life, promote wellbeing, and serve as a resilient model for future cities.



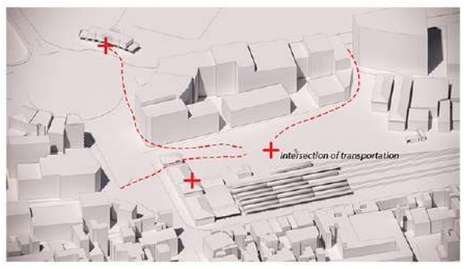


site plan

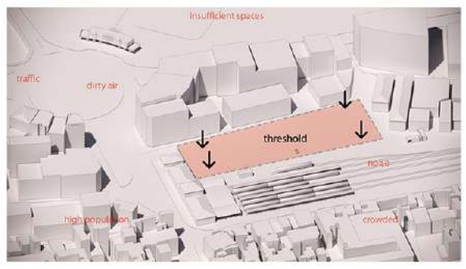
design idea



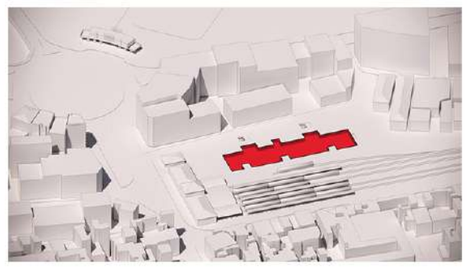
This site near Kültürpark, Basmane Station, and Anafartalar Street was cleared to create a threshold space for urban escape. Existing buildings were removed or preserved based on necessity.



The site, at the intersection of key urban nodes, was designed to support existing flows and user needs—primarily aiming at urban healing.



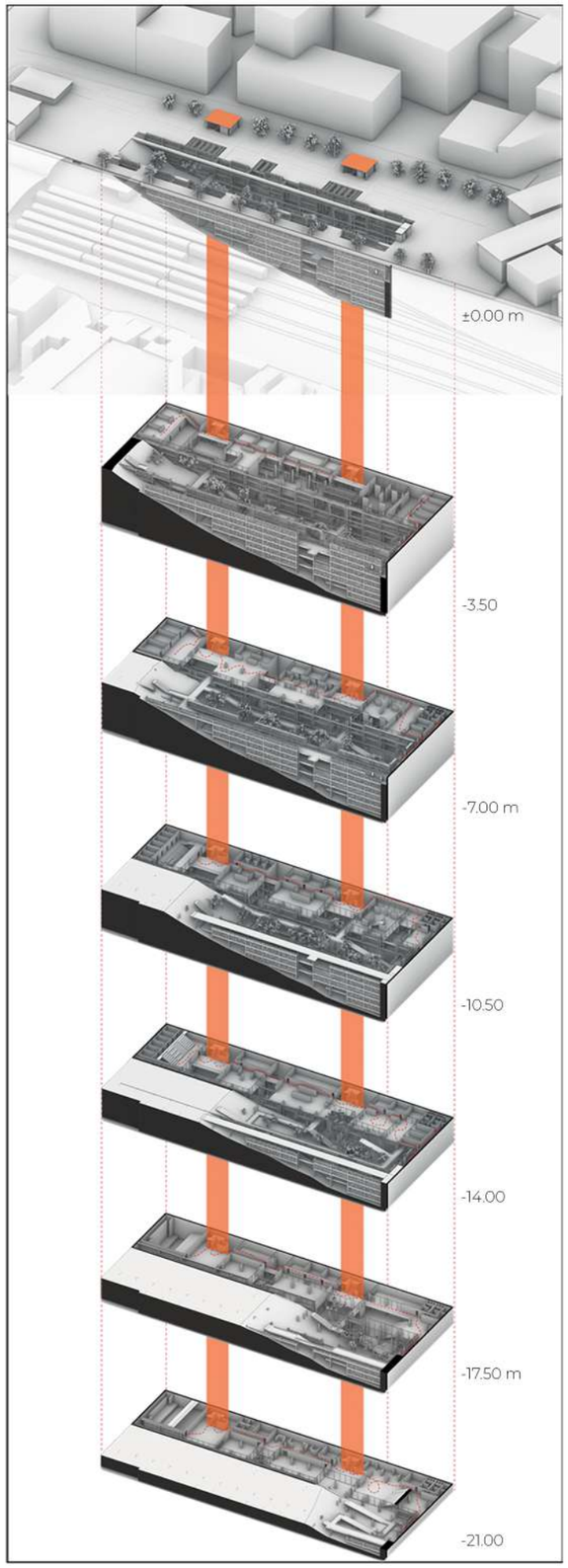
The design uses the descent into the metro to create a calm, protective underground atmosphere—offering a sense of well-being without fully disconnecting from the city.



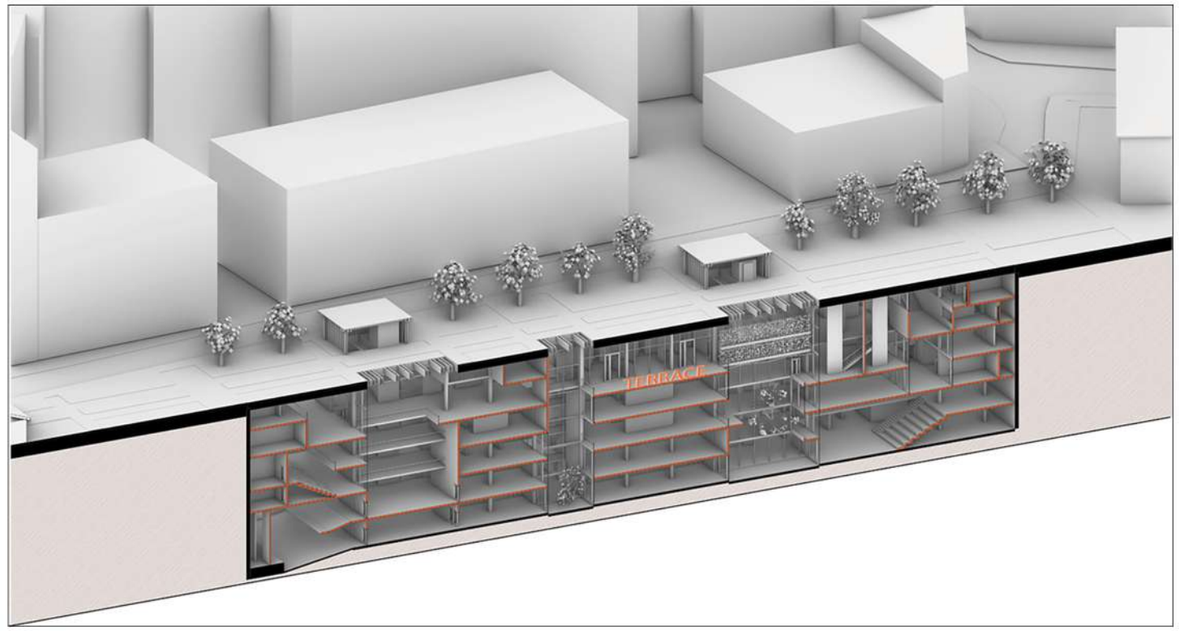
Openings and light wells were designed to offer metro users a brief pause and create an inclusive public space—serving as a stop and a healing spot within the city.

A sunken vertical forest with air and light filtering systems was created at the center, forming a calming healing corridor and interconnected spaces through a fluid circulation path.

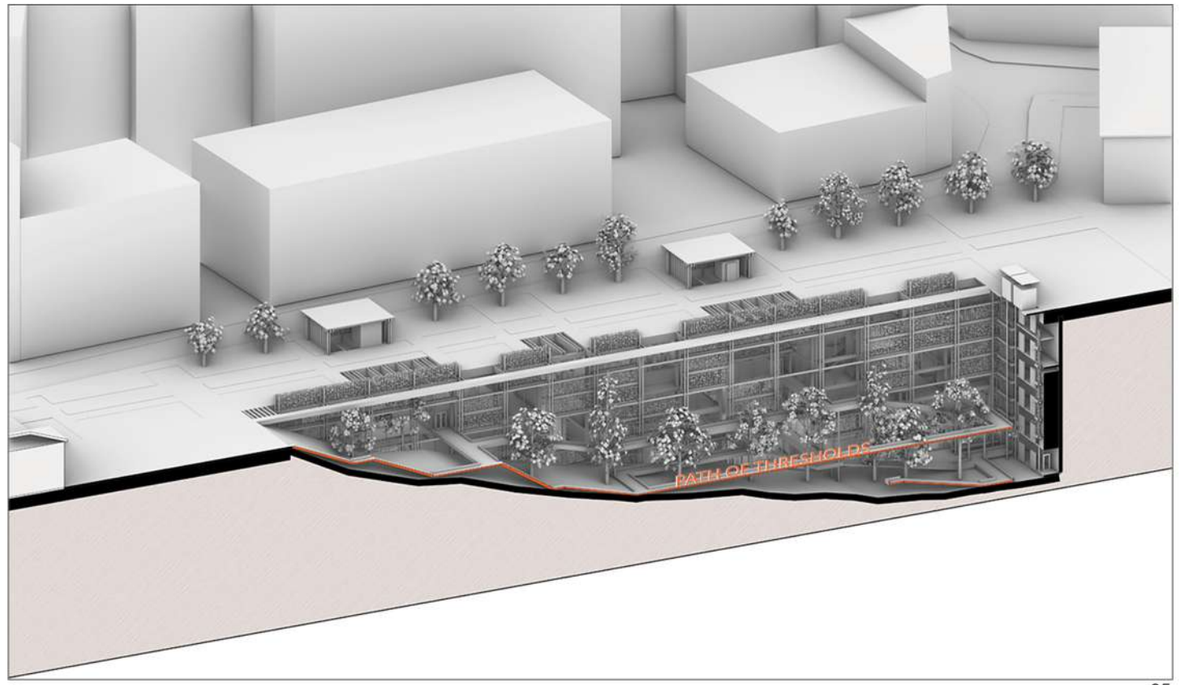
floor diagram

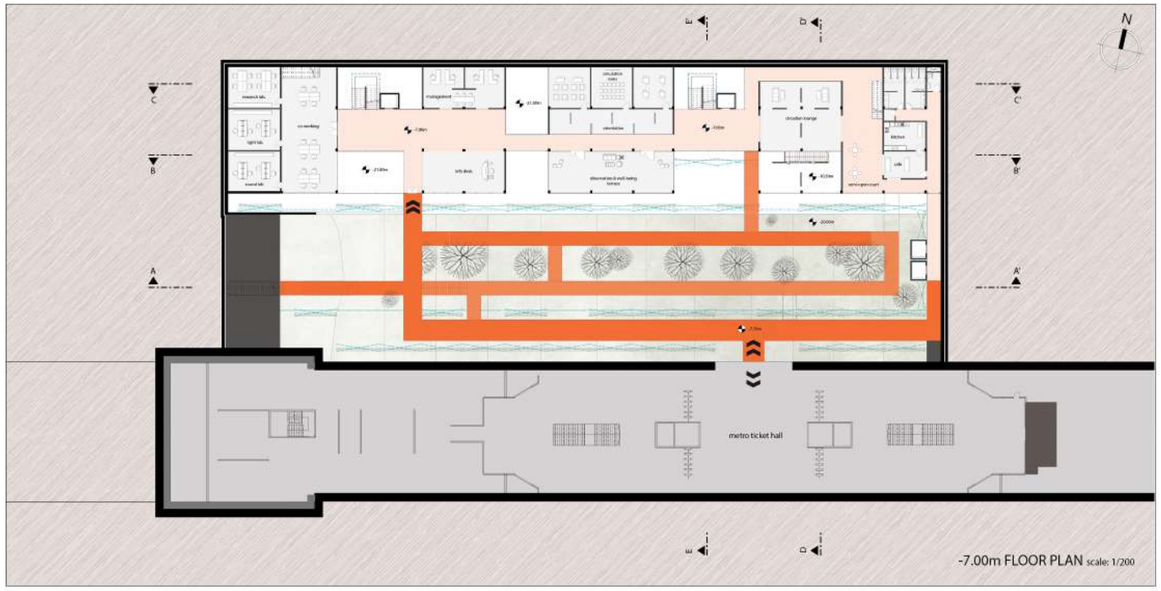


perspective section



perspective section





-7.00 m floor plan

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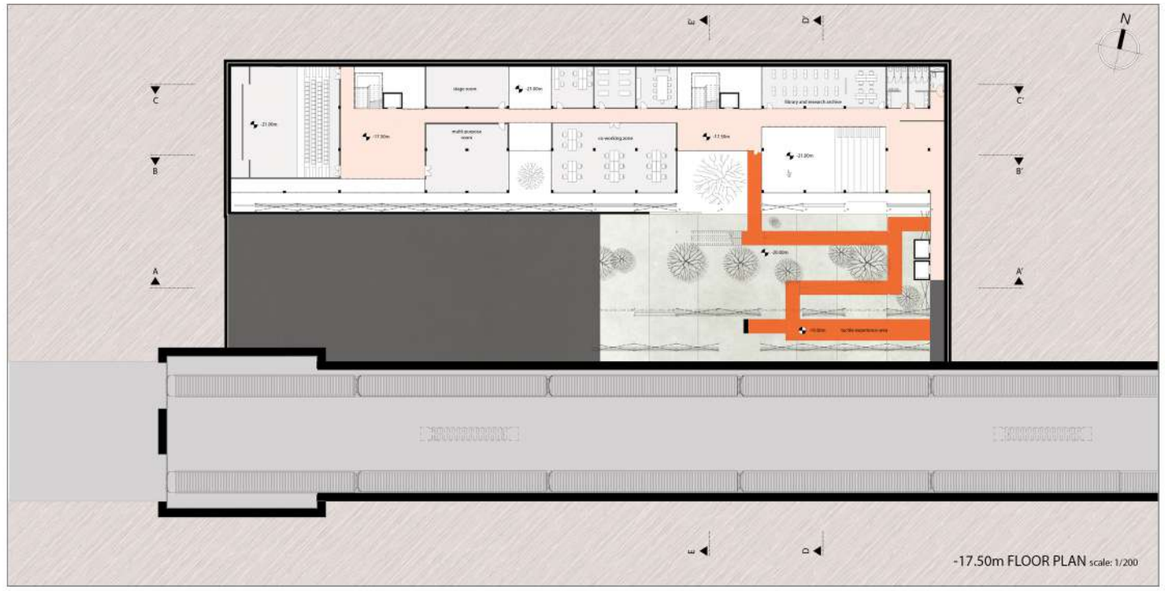

-17.50 m floor plan

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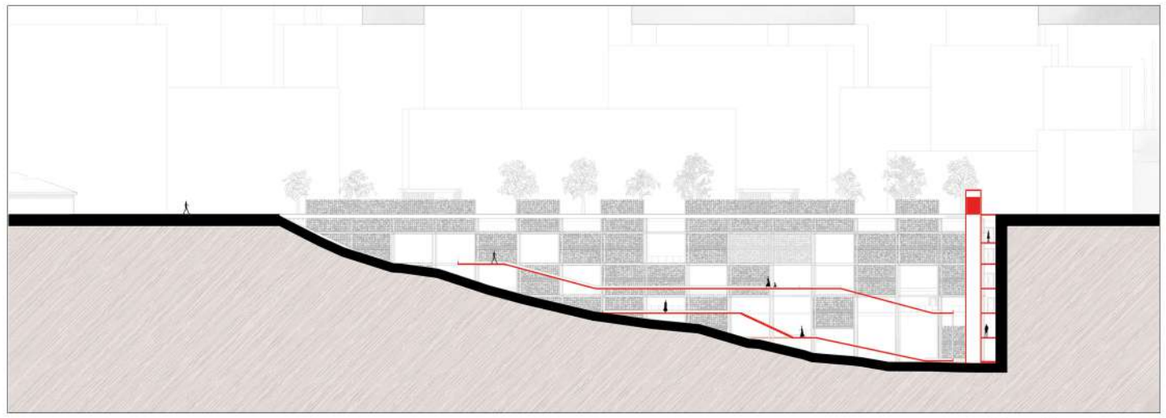
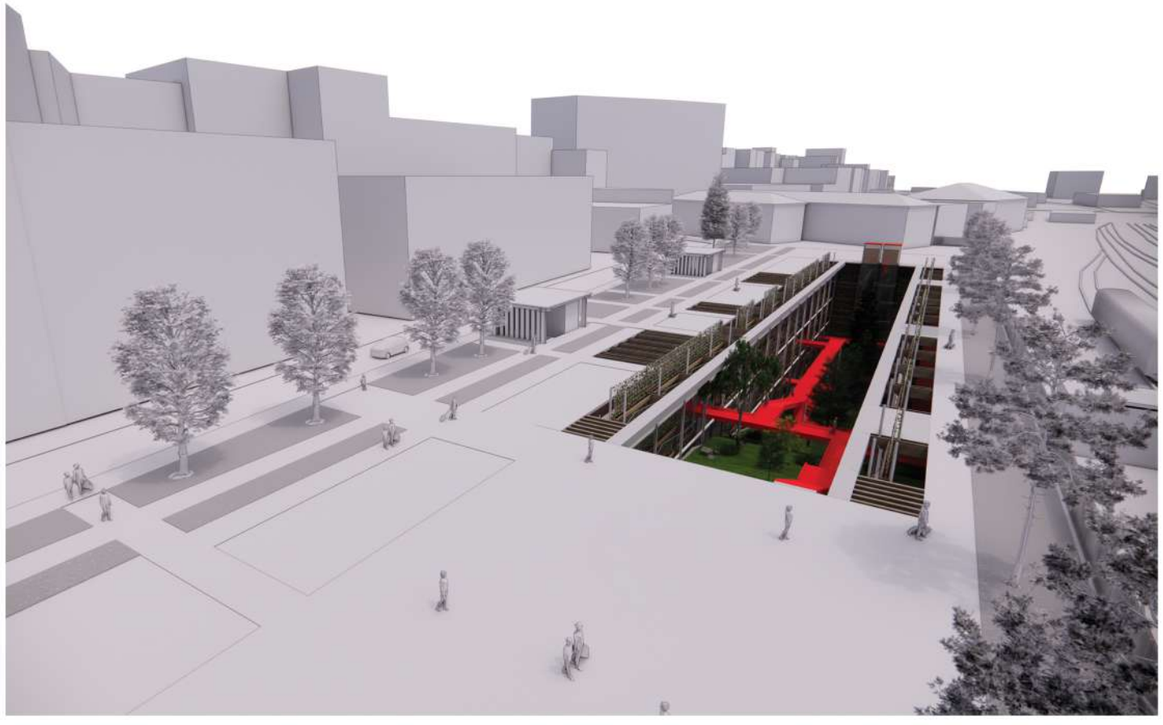
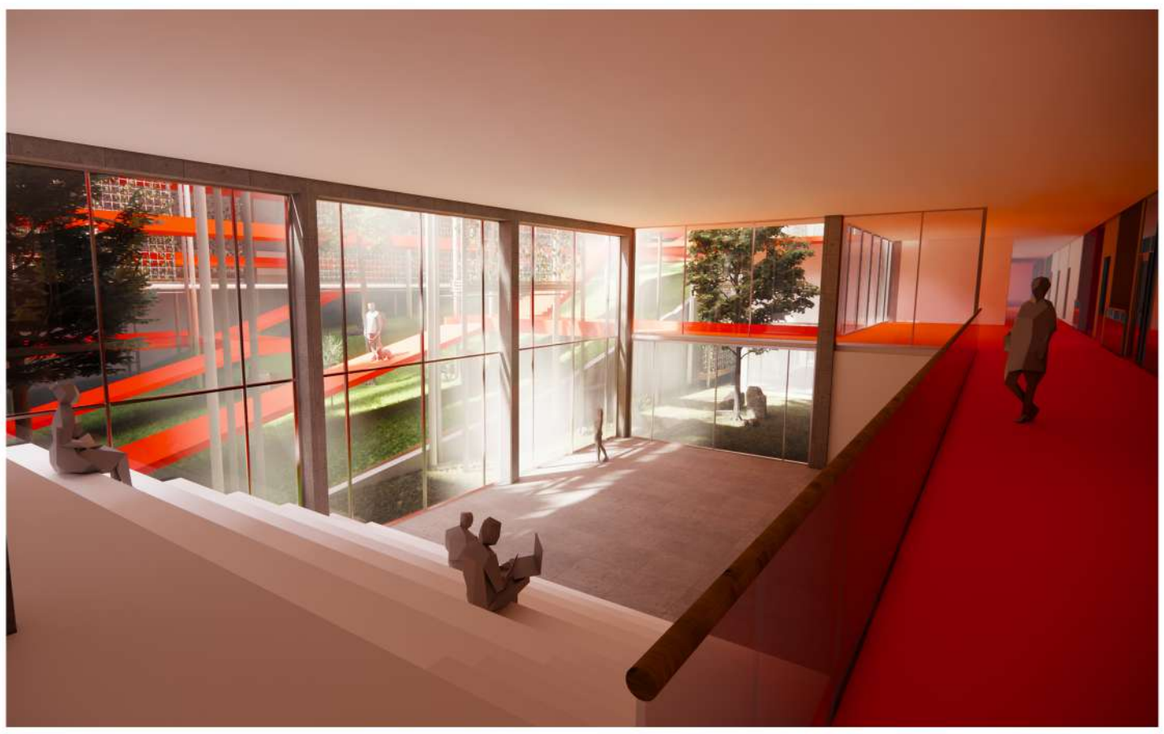
C - C’ section



A - A’ section





TERRADIVISION

"housing complex in karsıyaka"

2023-2024

location karşıyaka izmir
function housing
project size 10.000 m²

TERRADIVISION

The main idea of this design is to provide the optimal life level by bringing together the people living here with nature and landscapes as much as possible while designing social housing in İzmir Karşıyaka. For this purpose, this design, which was established on terrace, aimed to create a kind of habitat within itself without interrupting the connection with the external environment.

Designed by considering natural light, wind, nature, privacy, neighborly relations and sociality factors by offering different housing types in different jeans and doing so, this building aims to the quality of optimal life in Mavişehir. It is one of the main objectives of this design to be able to easily reach the outside world and its own habitat.

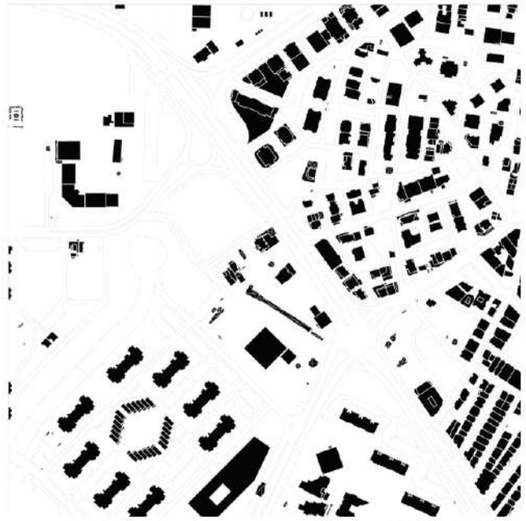
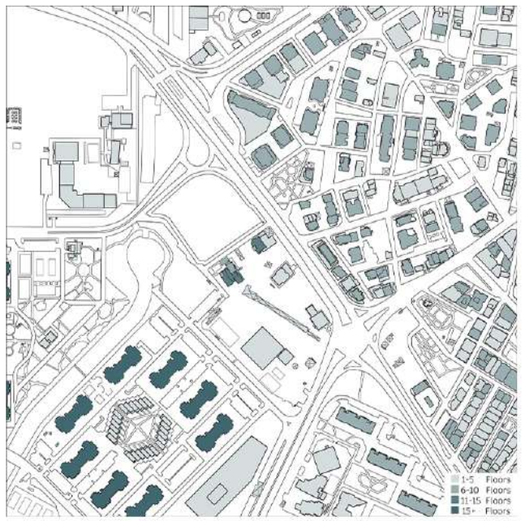
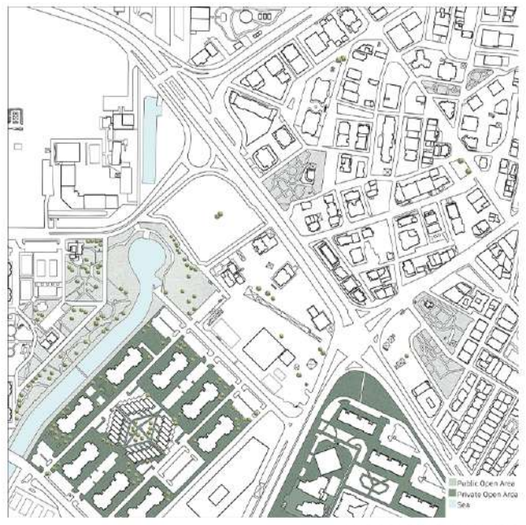


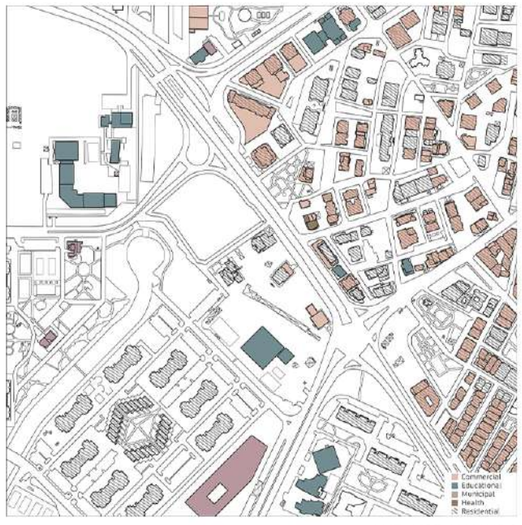
FIGURE GROUND



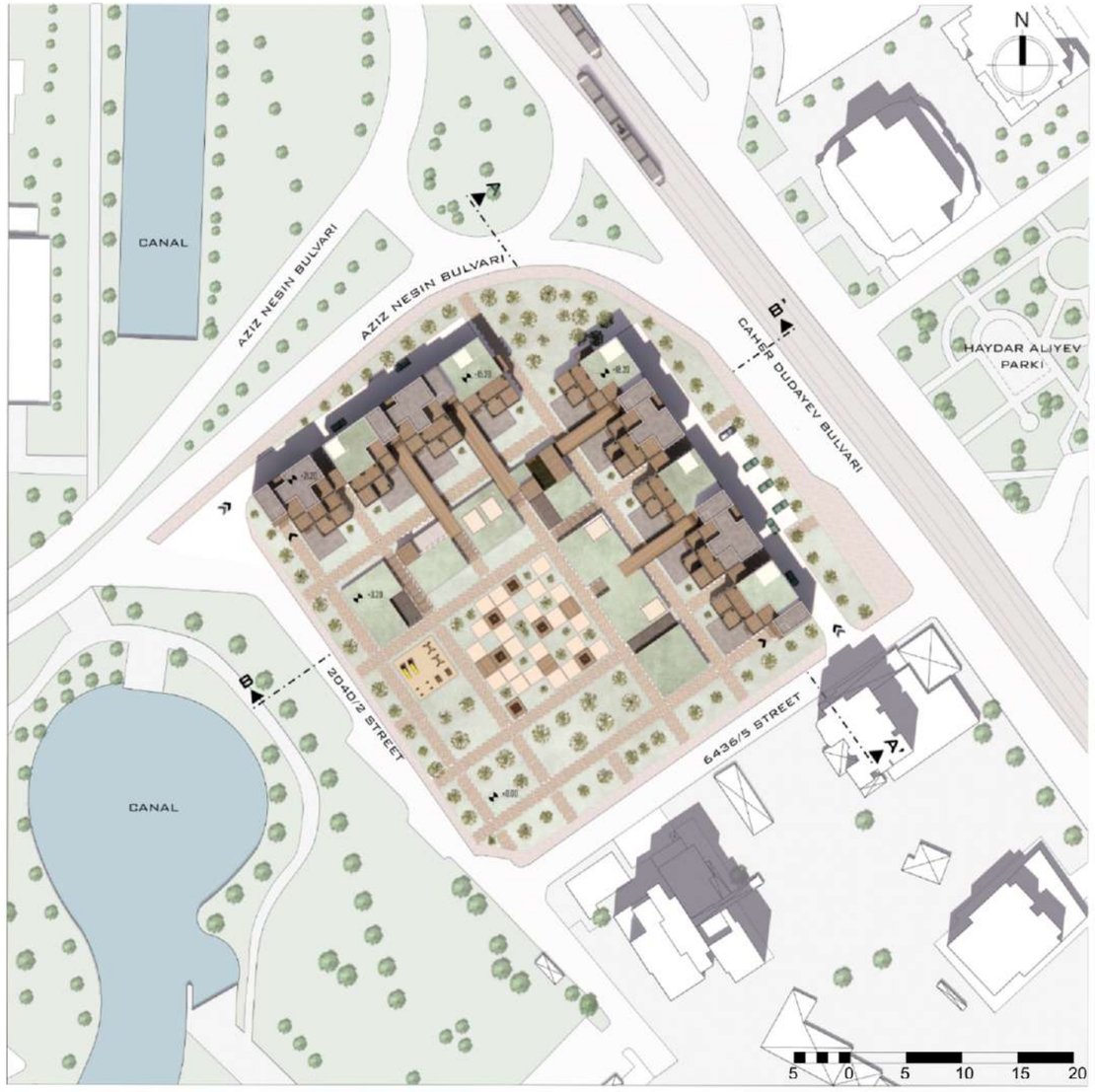
BUILDING HEIGHT ANALYSIS



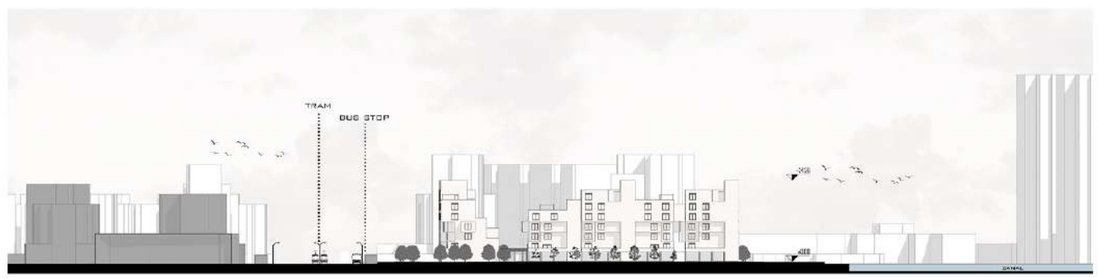
LANDSCAPING ANALYSIS



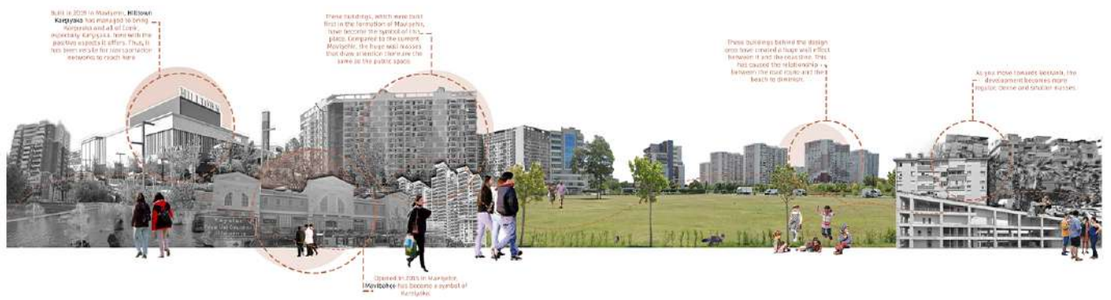
LAND-USE ANALYSIS

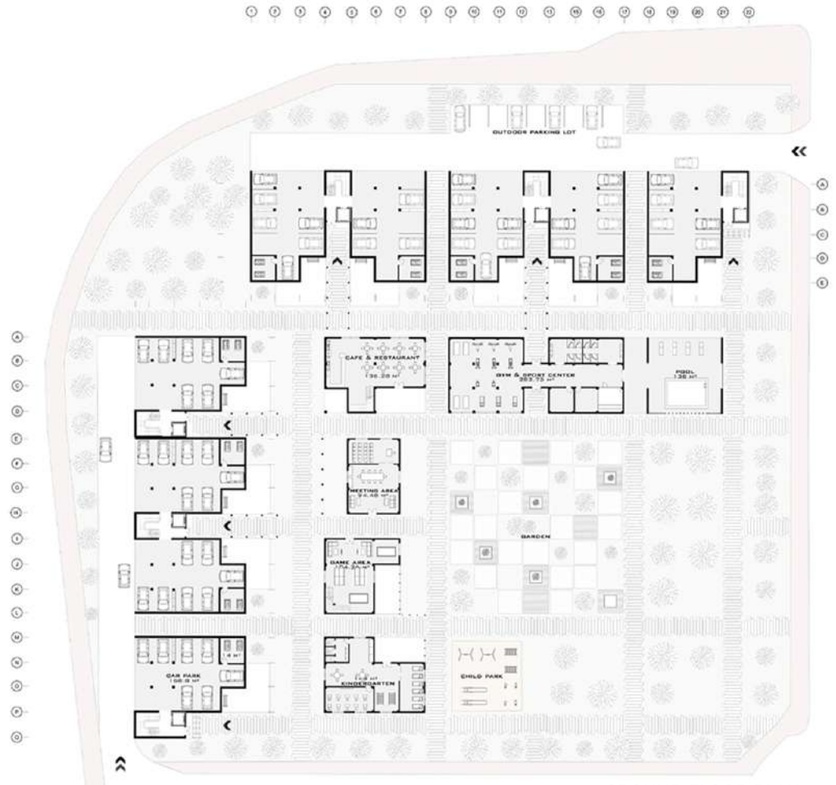


SITE PLAN

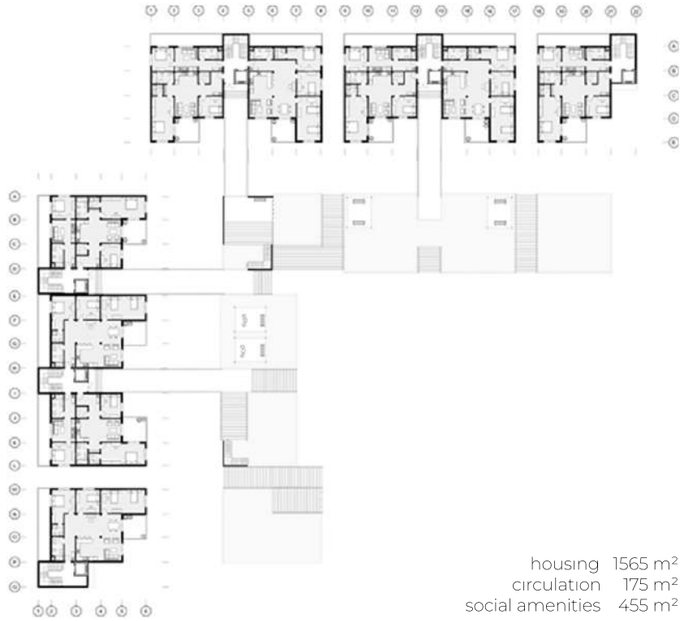


SITE SECTION



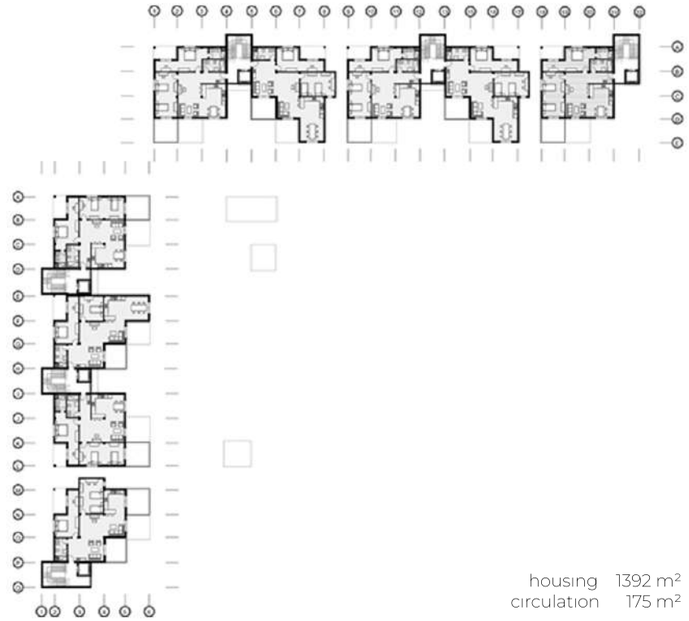


GROUND FLOOR PLAN



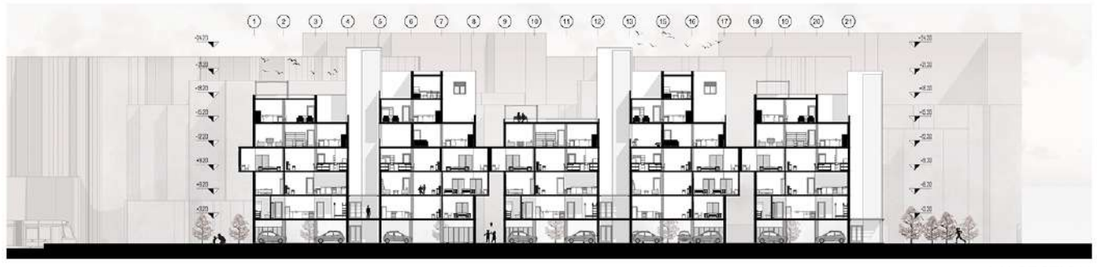
housing 1565 m²
circulation 175 m²
social amenities 455 m²

FIRST FLOOR PLAN

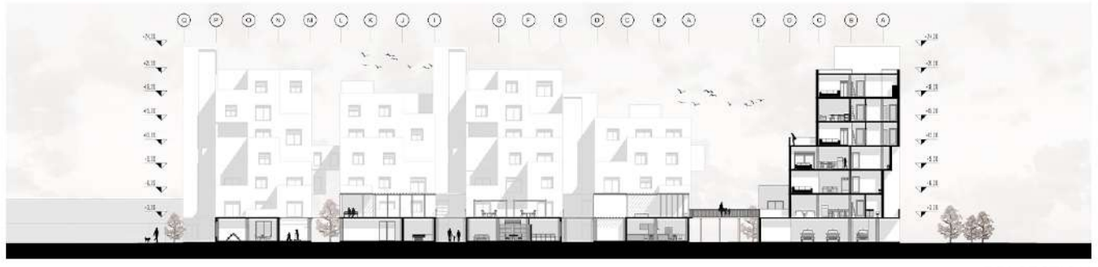


housing 1392 m²
circulation 175 m²

SECOND FLOOR PLAN



AA' SECTION



BB' SECTION

NORTHEAST ELEVATION

SOUTHEAST ELEVATION

TYPE A

1. BEDROOM 13.5 M²
2. KITCHEN & LIVING AREA 14.8 M²
3. BATHROOM 7.32 M²
4. TERRACE 21.37 M²

- 1+1 FLAT
- 45 M²
- 5 UNITS
- FIRST FLOOR

TYPE A2 (72.6 M²)

TYPE B

1. MASTER BEDROOM 21.5 M²
2. BEDROOM (1) 14.65 M²
3. BEDROOM (2) 27.14 M²
4. KITCHEN 15.00 M²
5. LIVING AREA 26.4 M²
6. BATHROOM 7.32 M²
7. TERRACE 16.00 M²
8. TERRACE 17.85 M²

- 3+1 FLAT
- 150 M²
- 5 UNITS
- FIRST FLOOR

TYPE C

1. MASTER BEDROOM 20.77 M²
2. BEDROOM 21.41 M²
3. KITCHEN 14.30 M²
4. LIVING ROOM 42.00 M²
5. BATHROOM 7.50 M²
6. TERRACE 16.00 M²
7. TERRACE 14.59 M²

- 2+1 FLAT
- 115 M²
- 5 UNITS
- SIXTH FLOOR

TYPE C2 (121.5 M²)

TYPE C3 (123 M²)

TYPE C4 (109.25 M²)

TYPE D

1. MASTER BEDROOM 21.94 M²
2. BEDROOM 21.00 M²
3. KITCHEN 15.40 M²
4. LIVING ROOM 29.51 M²
5. BATHROOM 7.5 M²
6. TERRACE 32.00 M²

- 2+1 FLAT
- 112 M²
- 5 UNITS
- FORTH FLOOR

TYPE D1 (95.32 M²)

TYPE D2 (95.87 M²)

TYPE D3 (119.5 M²)

TYPE D4 (97.09 M²)

SOUTHWEST ELEVATION

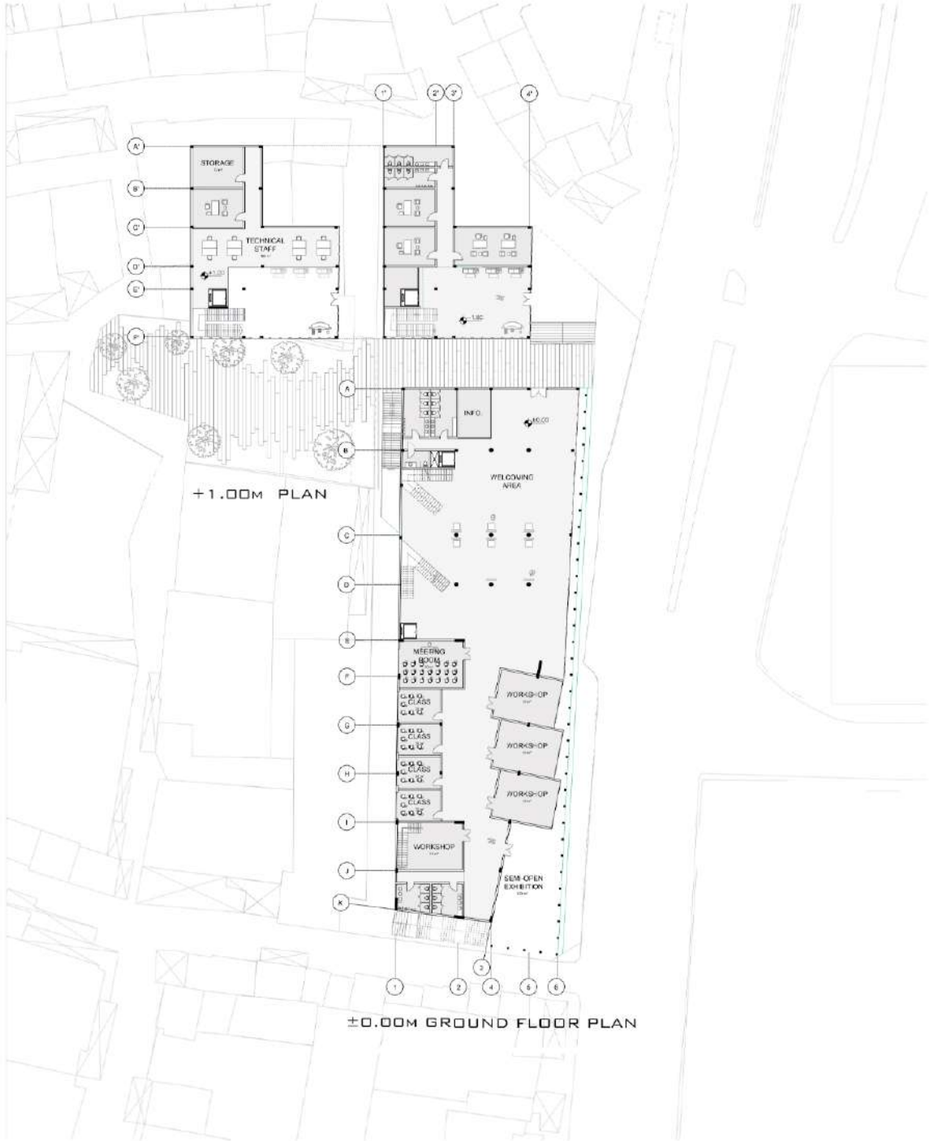
PERSPECTIVE SECTION

2023-2024

location konak izmir
function public
project size 5.000 m²

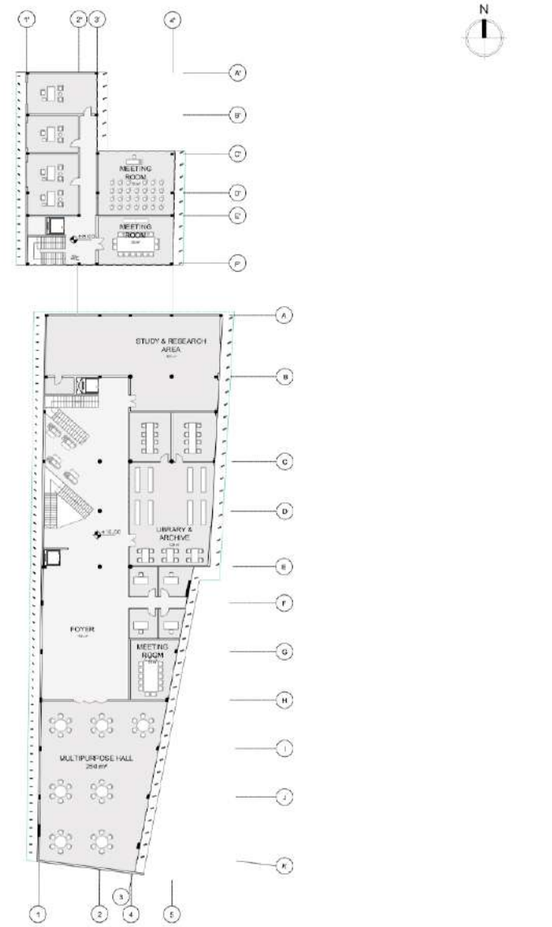
CROSSING THROUGHT

The mission of the center is to promote the preservation, sharing and transfer of cultural heritage to future generations, to raise community awareness and to contribute to our cultural richness by creating a center where history and culture come together. It strives to create an environmentally sustainable heritage center full of exhibitions, workshops and events, with the aim of creating an accessible and inspiring space for everyone, striving to pass on the diversity of our society and the richness of cultural heritage to the future.



±0.00M GROUND FLOOR PLAN

+4.00M FLOOR PLAN

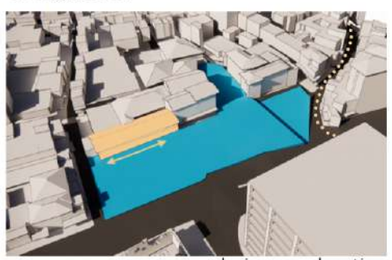


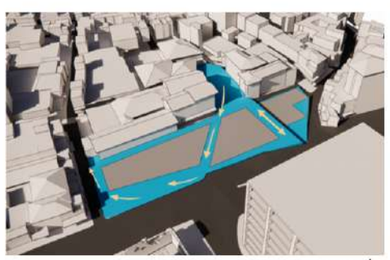
+10.00M FLOOR PLAN

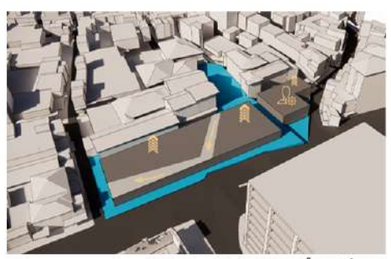
N

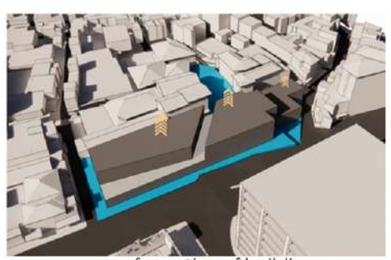
5 0 5 10 15 20 m

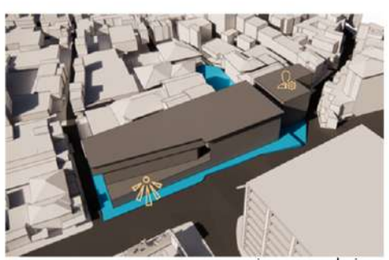
design idea


design area location


a new route


route, mass, functions

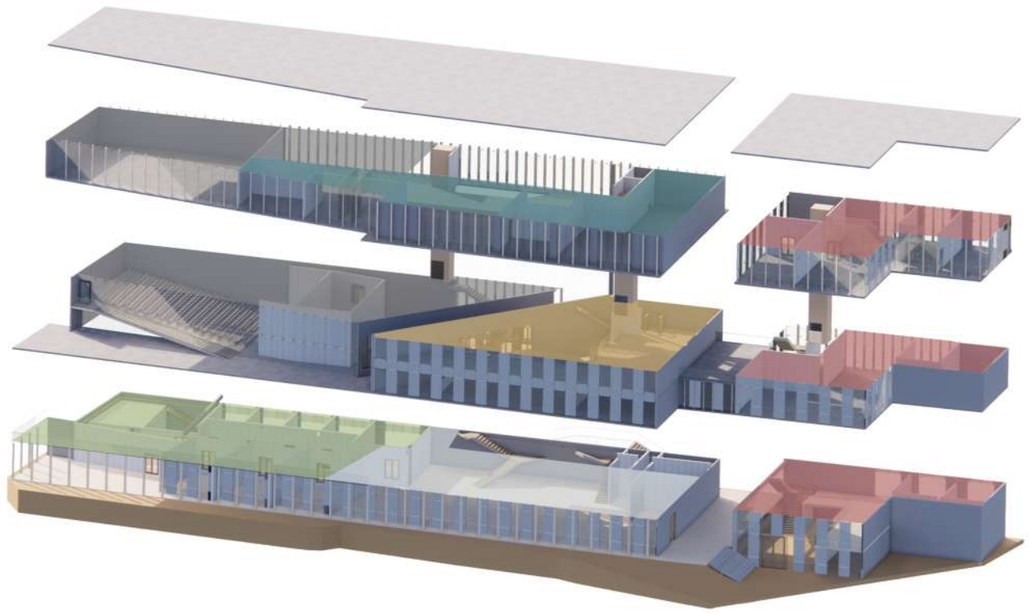

formation of building masses

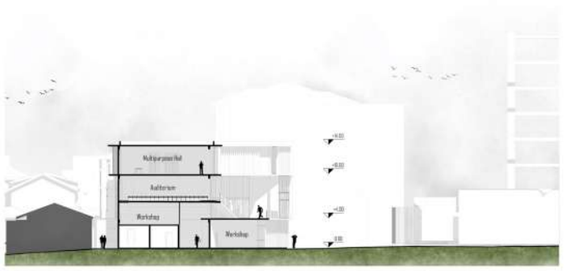

user experience and view


final design

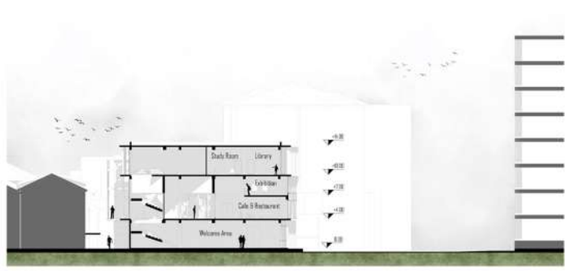
PROGRAM & EXPLODED DIAGRAM

	WELCOMING SPACES (Info desk, Lobby)	400 m²
	CONGREGATIONAL SPACES (Auditorium, Multipurpose Hall, Foyer)	870 m²
	EXHIBITION & EDUCATION (Observation Terrace, Exhibition Area, Class, Workshop)	1030 m²
	GASTRONOMY & SOCIALIZATION (Cafe & Restourant, Gift Shop, Terrace, Lounge, Lobby)	360 m²
	ADMINISTRATIVE AND FACILITY MANAGMENT (Offices, Meeting Room, Seminer Room, IBB, KUDEB, ITLKB)	970 m²
	RESEARCH AND MEDIA (Study Rooms, Offices, Library, Archive, Meeting Room)	495 m²
	TOTAL OCCUPIABLE AREA	4525 m²
	SERVICES & CIRCULATION & SEMI-OPEN AREAS (WC's, Rest Room, Semi-open Exhibition, Path of Experience)	680 m²
	TOTAL AREA	**5205 m²**

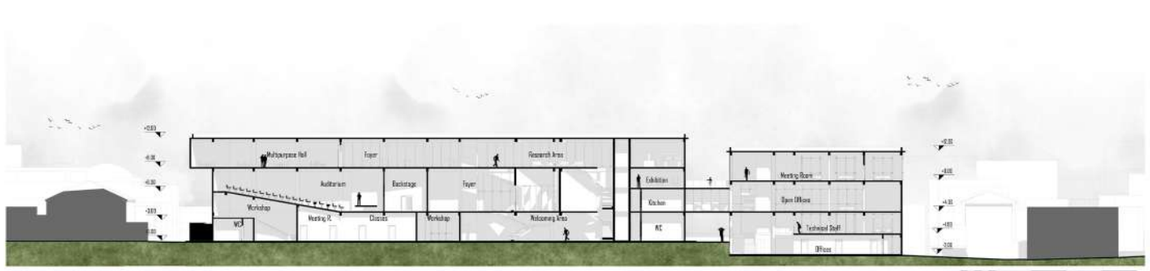




CC' SECTION



BB' SECTION



AA' SECTION

5 0 5 10 15 20

EAST ELEVATION

WEST ELEVATION

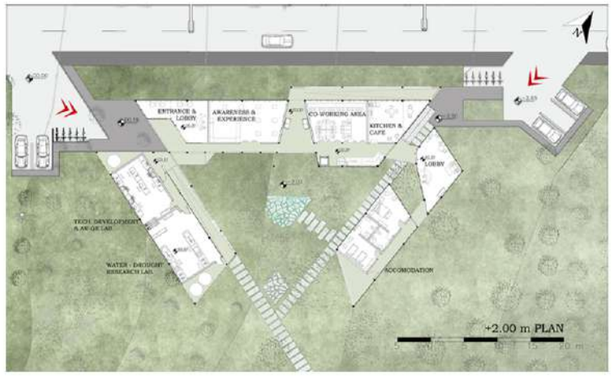
5 0 5 10 15 20

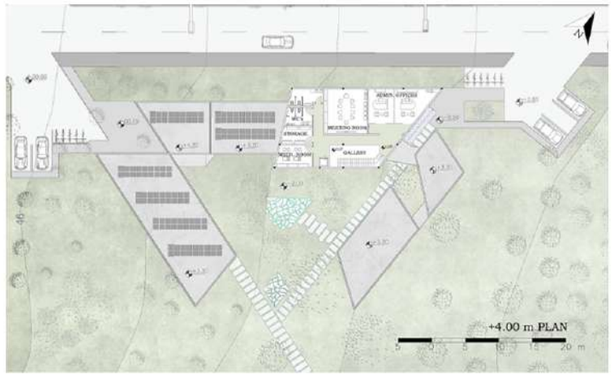
2022-2023

location urla izmir
function research center, sustainability
project size 1000 m²

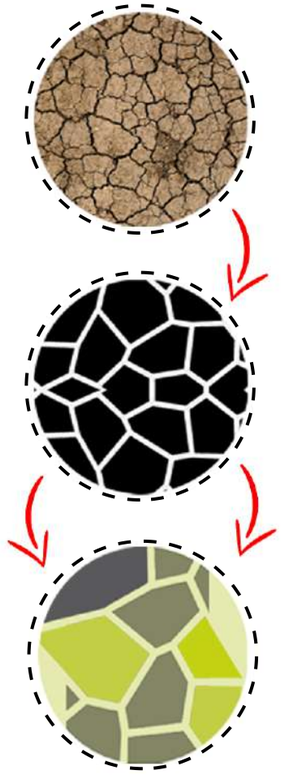
WATER ROUTE

This project focuses on the design of the IZTECH Water Route Research Center, developed within the scope of the Architectural Design II studio. The project explores the relationship between architecture, environment, and collective use by proposing a research and interaction space along the water route at the IZTECH campus. Through site analysis, user scenarios, diagrams, and spatial programming, the design aims to create a structure that integrates with the natural landscape while supporting research, learning, and social interaction. The project emphasizes environmental sensitivity, spatial continuity, and the idea of collaborative architecture as a response to both ecological and social contexts.

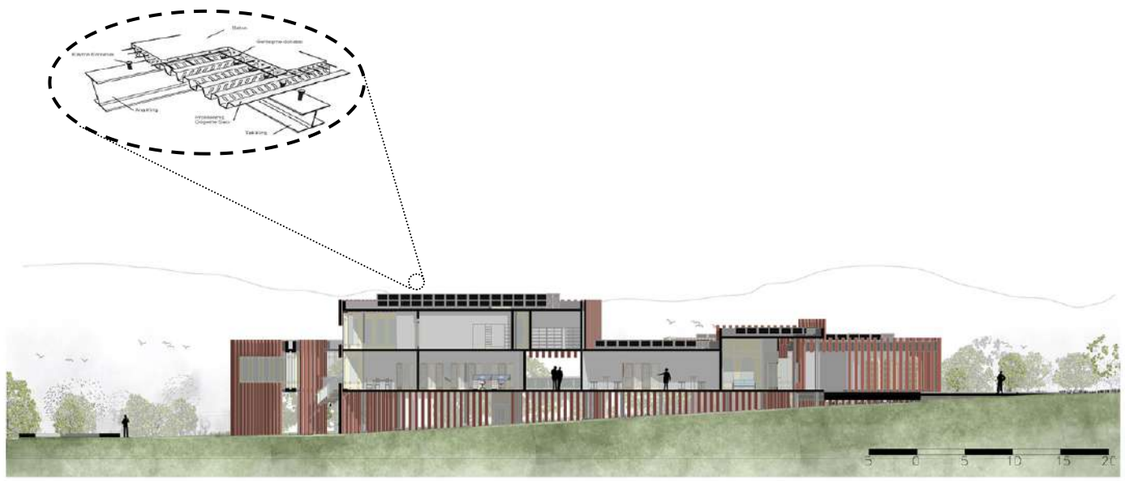




design idea



BB' SECTION



AA' SECTION

SOUTH-WEST ELEVATION

NORTH-EAST ELEVATION

NORTH-WEST ELEVATION

SOUTH-EAST ELEVATION

kaira looro

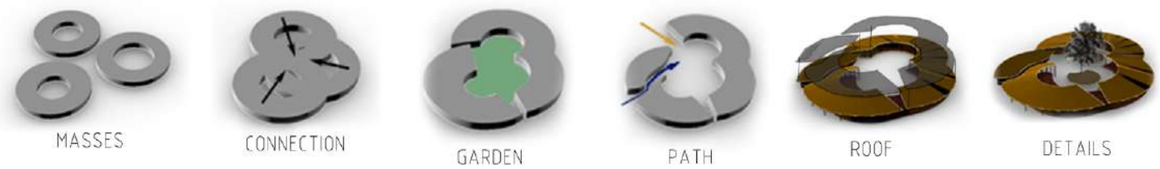
[competition]
2023

location casamance senegal
function education
project size 2000 m²

THE BOUNDLESS

This primary school project in the Casamance region of southern Senegal is inspired by the Casamance River and aims to support education in an area with limited opportunities. The design consists of three main zones: classrooms, flexible activity spaces, and a public area including administration, cafeteria, and restrooms.

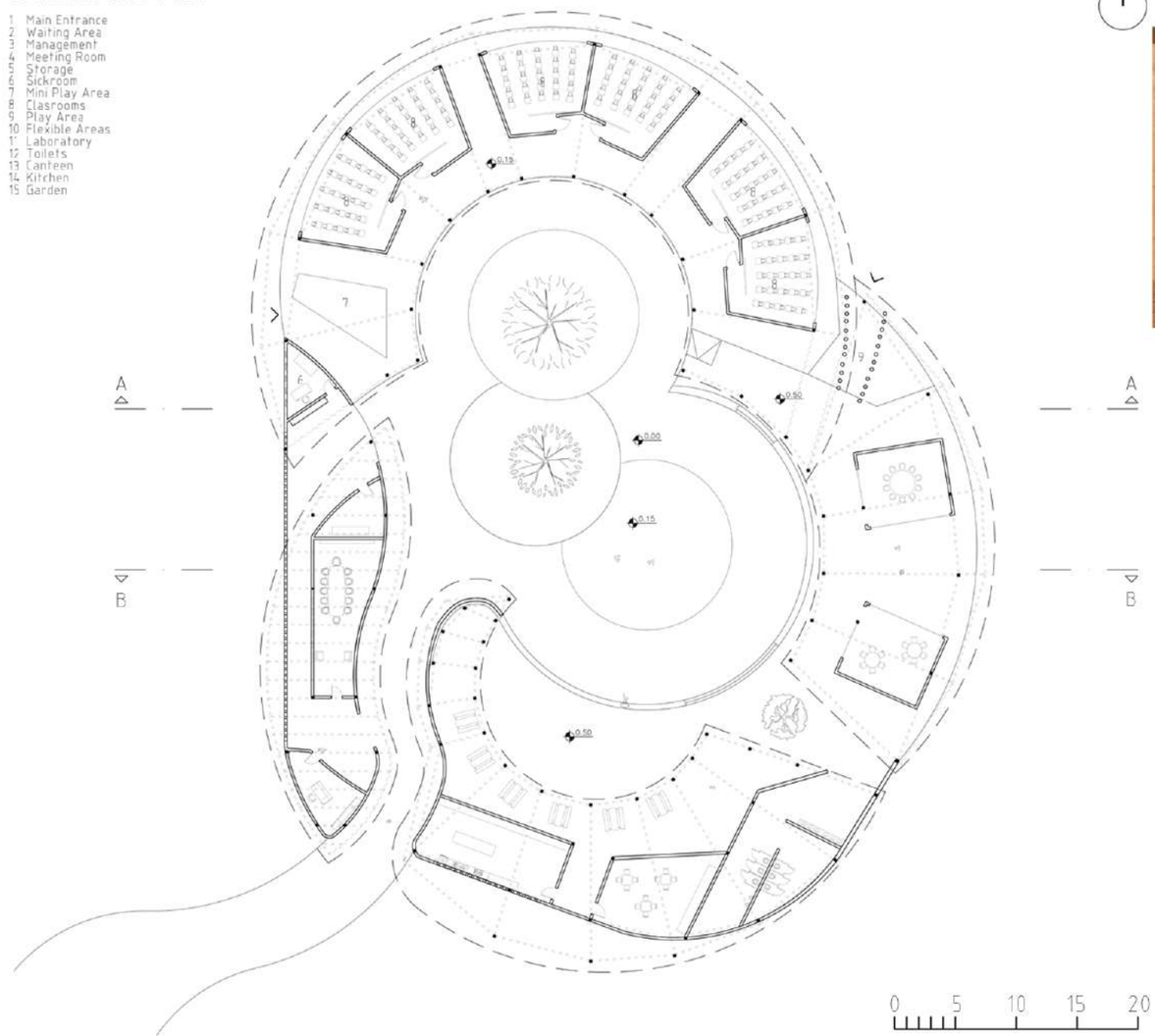
Inspired by traditional impluvium houses, the buildings are arranged in an oval form around a central courtyard with an open roof that provides shade and natural ventilation. The main entrance, shaped like a flowing path, symbolizes the Casamance River—representing students' journey toward education and a hopeful future.



The masses of three different fields are formed from impluvium house. A reliable garden is created in the middle of school by connecting these masses together. Then a concept entrance and other entrance of the school are placed The masses are connected to each other with roofs. Finally, landscape details are added in the school.

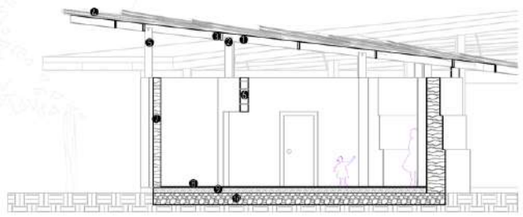
Ground Floor Plan

1 Main Entrance
2 Waiting Area
3 Management
4 Meeting Room
5 Storage
6 Sickroom
7 Mini Play Area
8 Classrooms
9 Play Area
10 Flexible Areas
11 Laboratory
12 Toilets
13 Canteen
14 Kitchen
15 Garden



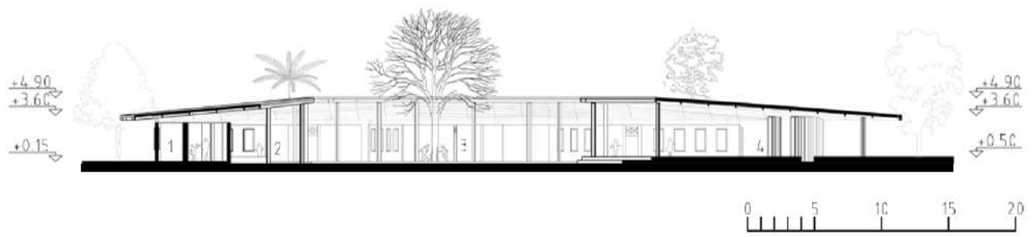
Detail Wall Section

1 Wooden rafter 5×20 cm
2 Metal fastener and bolt connection
3 Wooden batten 2 × 20 cm
4 Straw roofing 15 cm
5 Wooden beam 20×20
6 Laterite brick wall 15×25
7 Rammed earth wall 3×280 cm
8 Wood plank floor 2 cm
9 Compacted soil 15 cm
10 Gravel



Section A-A

1 Sickrooms
2 Mini Play Area
3 Garden
4 Play Area



Section B-B

1 Flexible Area
2 Canteen
3 Entrance
4 Meeting Room