

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 CARBON ARCHITECTURE | İzmir
Office Internship
8 week
- sep 2025
- jul 2023 SAYGIN A.Ş. | İzmir
Construction Site Internship
6 week
- aug 2023
- jul 2023 DMR Harita Mühendislik | İzmir
Building survey and Restoration Internship
2 week
- jul 2023
- aug 2022 IZTECH | İzmir
Surveying and Map Knowledge Internship
4 week
- sep 2022

other

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

languages

Turkish Native
English Upper-Intermediate
Spanish Beginner

skills

Modeling

ArchiCAD
Revit
Sketchup
Rhino

Drawing

AutoCAD

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 Loro 2023's Ed. | The Boundless
Primary School Design Competition
Participant

references

Prof.Dr. Erdem ERTEN
İzmir Institute of Technology
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Asst.Prof. Dr. Ebru Yılmaz
K2Y Architecture - İzmir Institute of Technology
ebruyilmaz@iyte.edu.tr

Asst.Prof. Dr. Ülkü İnceköse
ART13 Architecture - İzmir Institute of Technology
ulkuincekose@iyte.edu.tr

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

Visulation

Adobe Photoshop
Adobe Illustrator
Adobe Premiere Pro

Rendering

Lumion
Enscape
Twinmotion

<p>[awarded]**</p> <p>[2024-2025]</p> <p>HEALOW</p> <p><i>basmane izmir</i> <i>_subterreanean, public</i></p> <p><i>*world architecture awards</i> <i>*underground project comp.</i></p> <p>03</p>	<p>[2023-2024]</p> <p>TerraDIVISION</p> <p><i>karşıyaka izmir</i> <i>_housing</i></p> <p>09</p>	<p>[2023-2024]</p> <p>CROSSING THROUGHT</p> <p><i>konak izmir</i> <i>_public</i></p> <p>14</p>	<p>[2022-2023]</p> <p>WATER ROUTE</p> <p><i>urla izmir</i> <i>_public</i></p> <p>17</p>	<p>[competition]*</p> <p>[2023]</p> <p>THE BOUNDLESS</p> <p><i>casamance senegal</i> <i>_public</i></p> <p><i>_primary school</i> <i>_competition project</i></p> <p><i>*kairaa looro comp.</i></p> <p>20</p>	<p>[2024-2025]</p> <p>VISITOR CENTER</p> <p><i>iztech izmir</i> <i>_public</i></p> <p><i>_application project</i></p> <p>22</p>
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HEALOW_{basmane}

"a threshold to well-being"

[awarded]
2024-2025

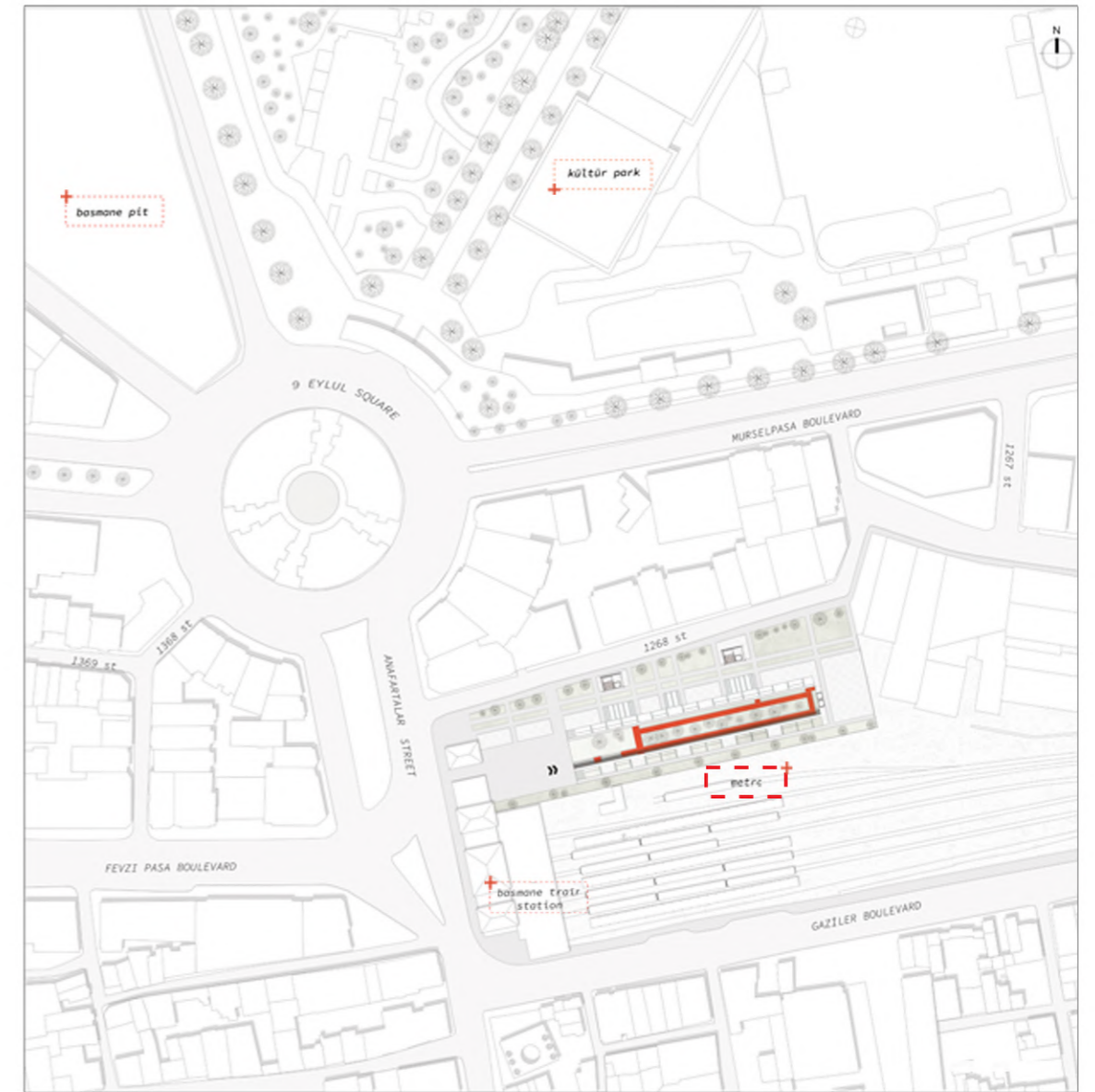
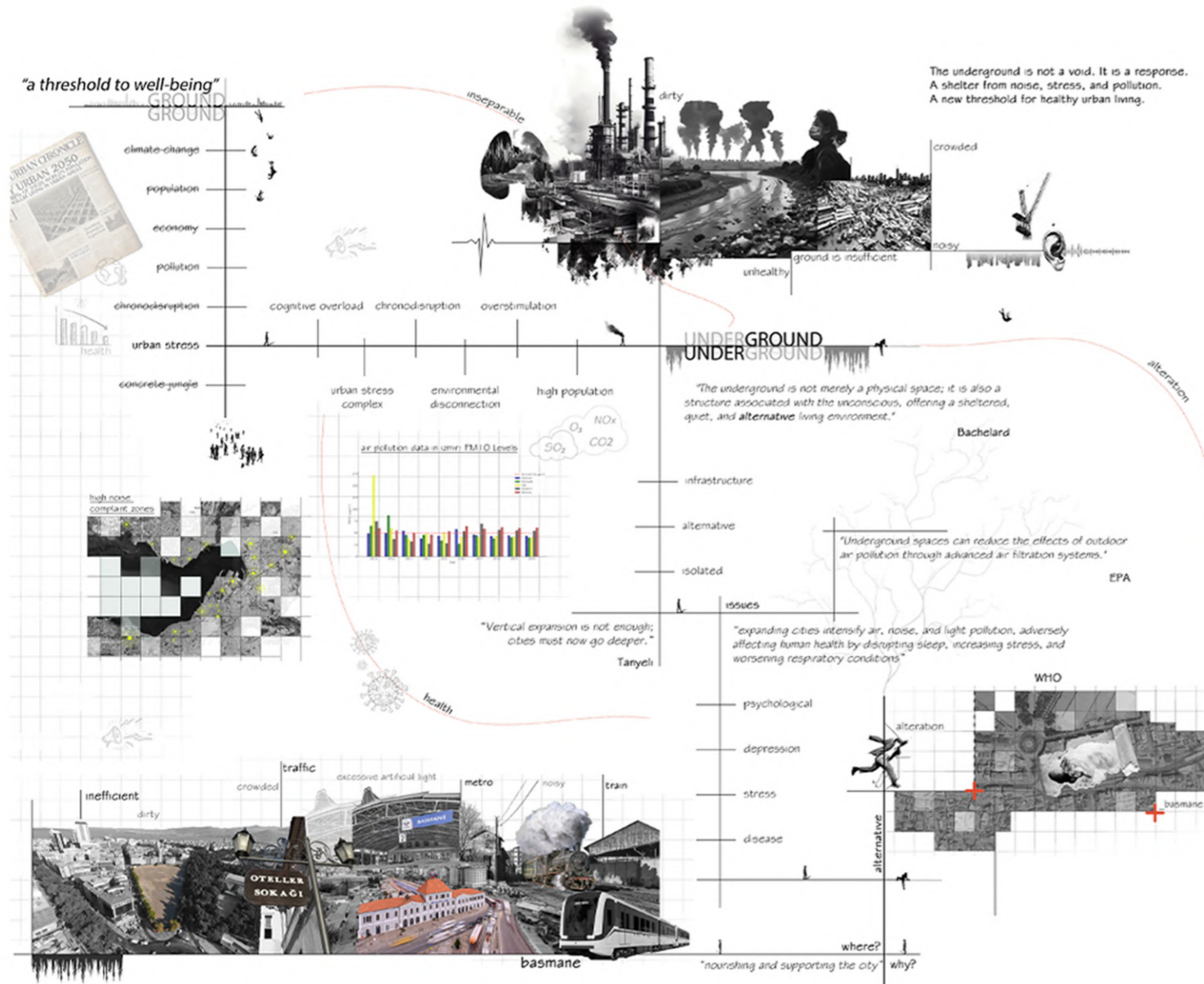
location basmane izmir
function subterranean, public
project size 12.000 m²

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.

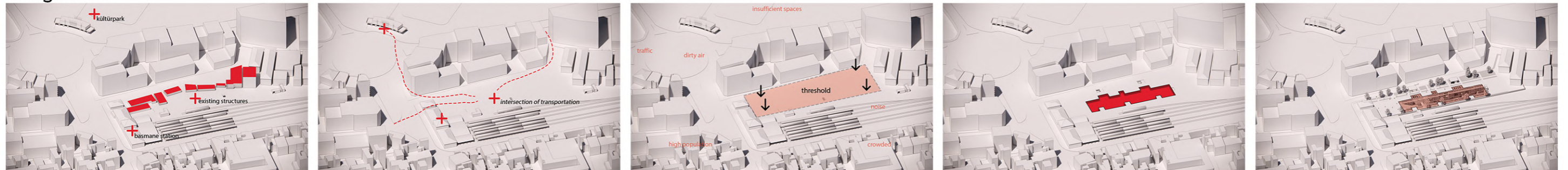
Far from being mere infrastructure, HEALOW demonstrates how subterranean architecture can enhance urban life, promote wellbeing, and serve as a resilient model for future cities.





site plan

design idea



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

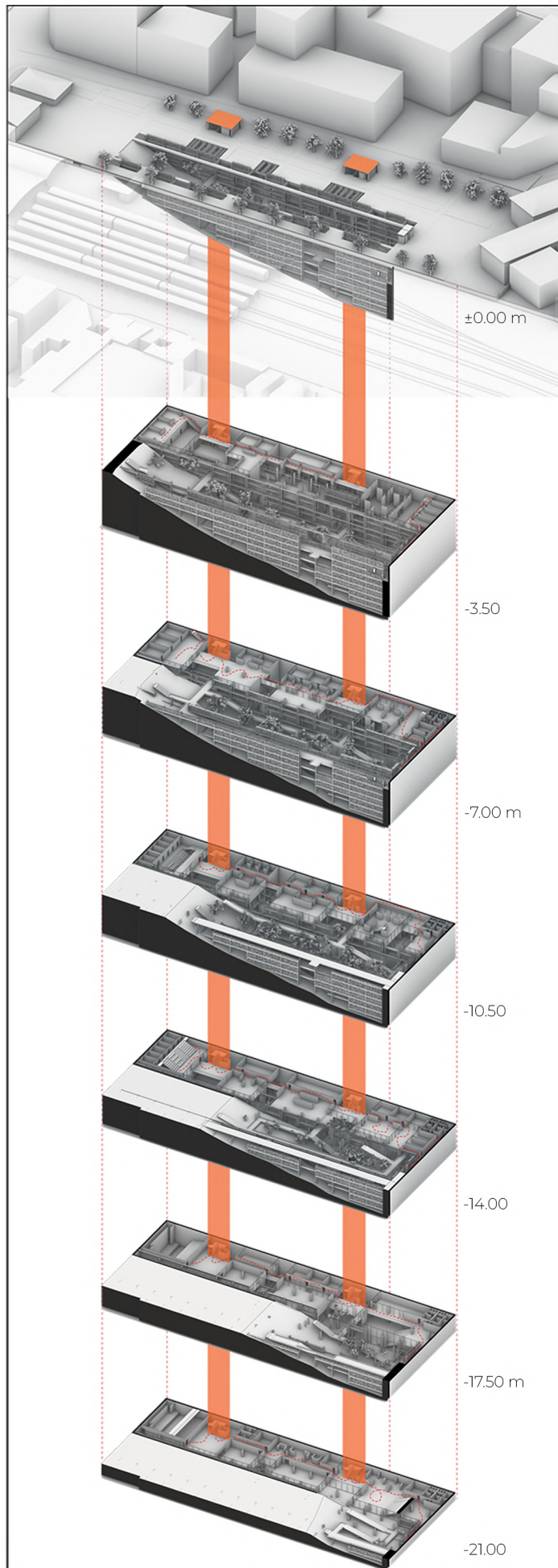
The site, at the intersection of key urban nodes, was designed to support existing flows and user needs—primarily aiming at urban healing.

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.

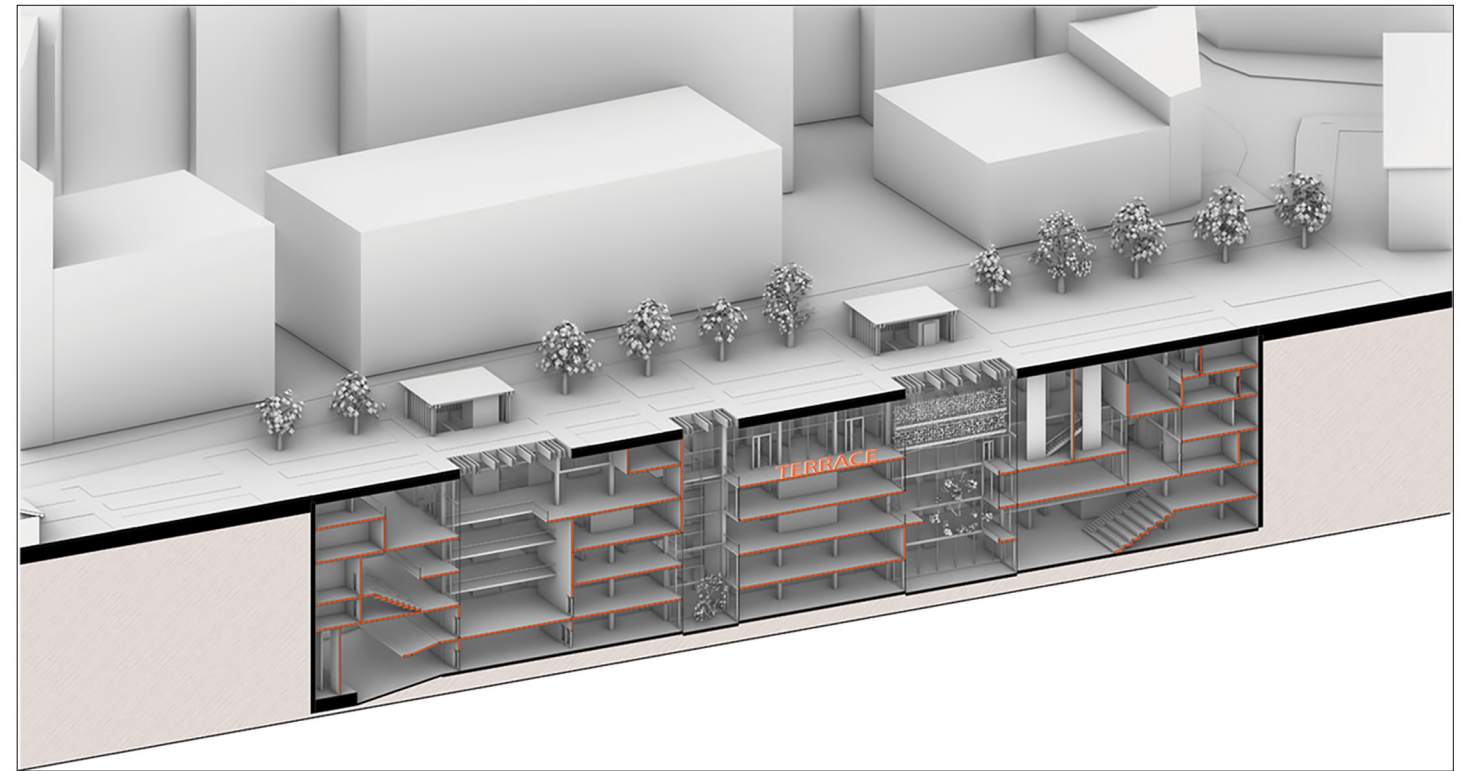
Openings and light wells were designed to offer metro users a brief pause and create an inclusive public space—serving as a stop and a healing spot within the city.

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.

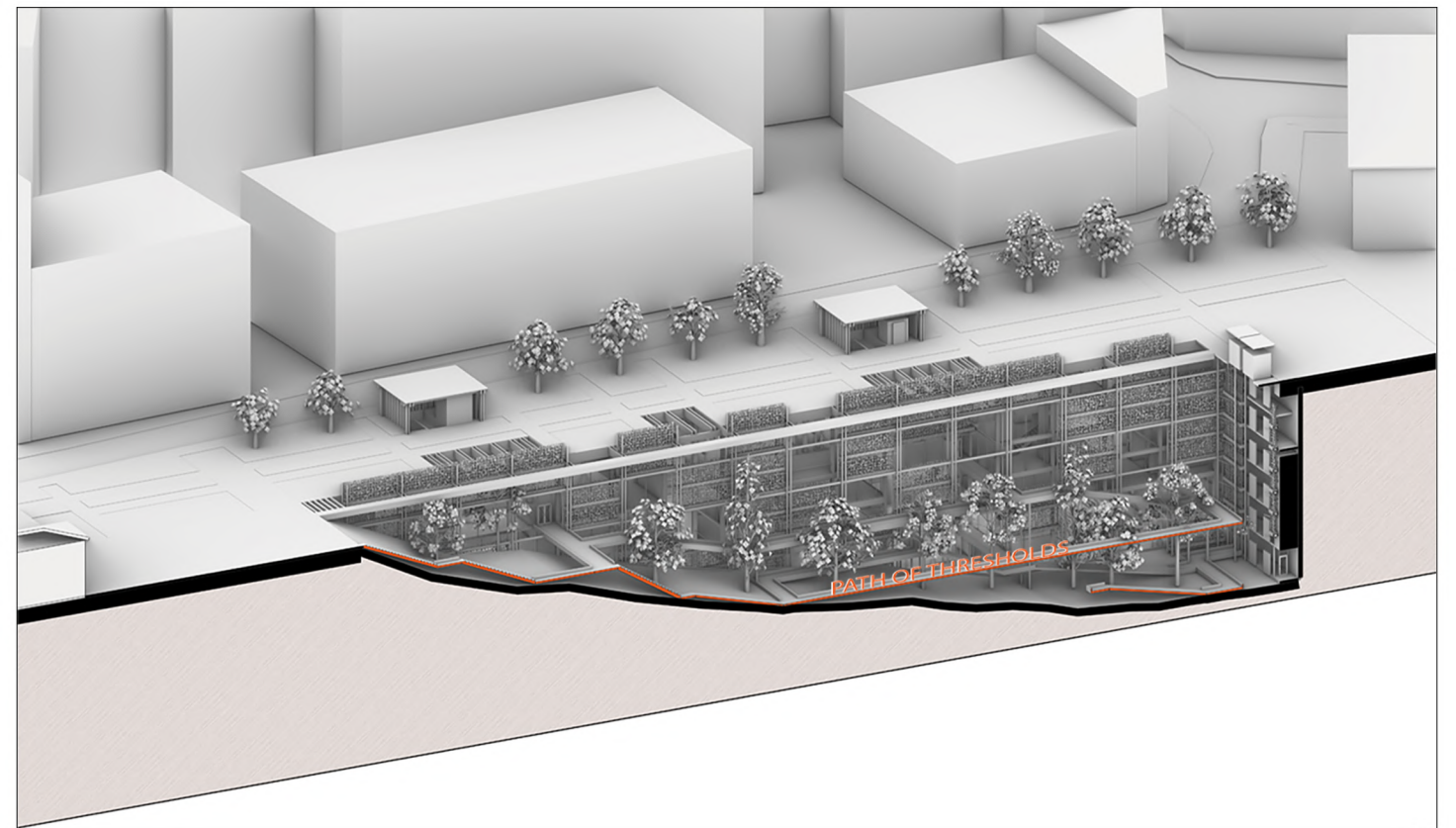
floor
diagram

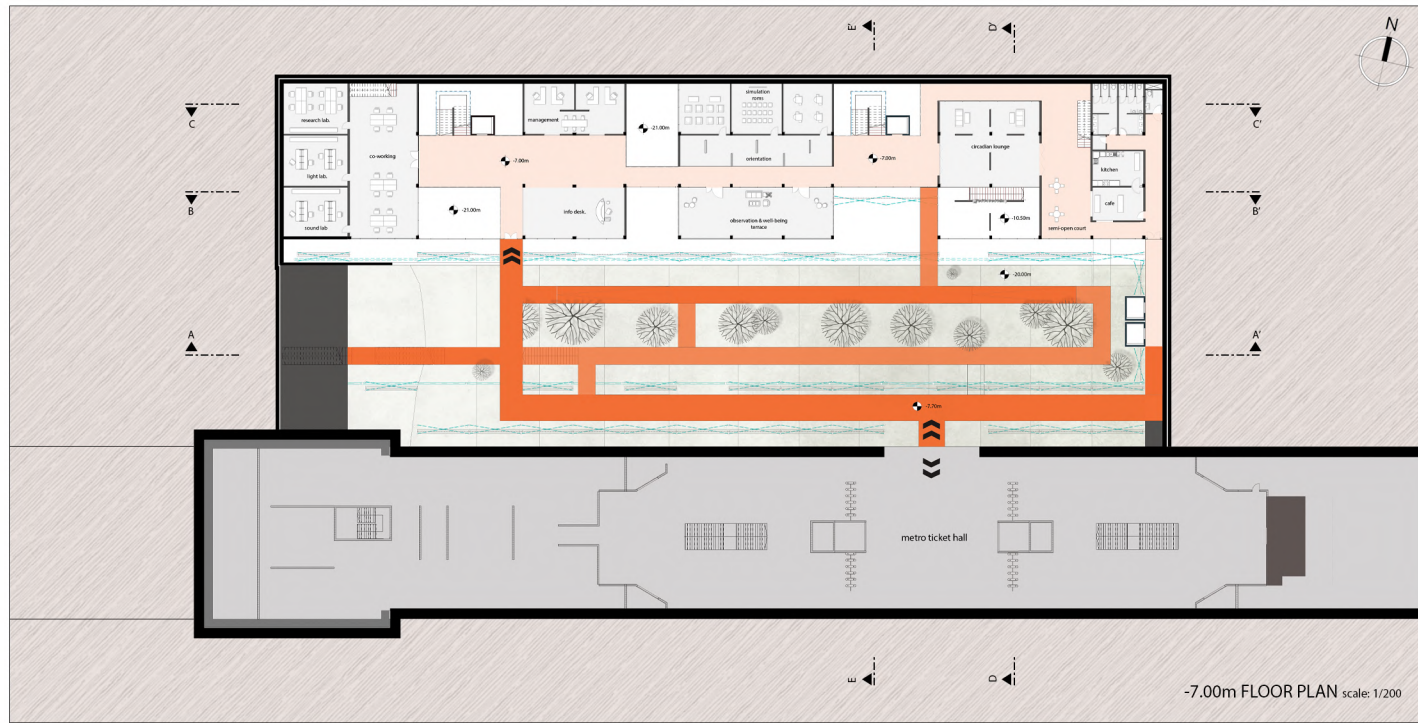


perspective
section



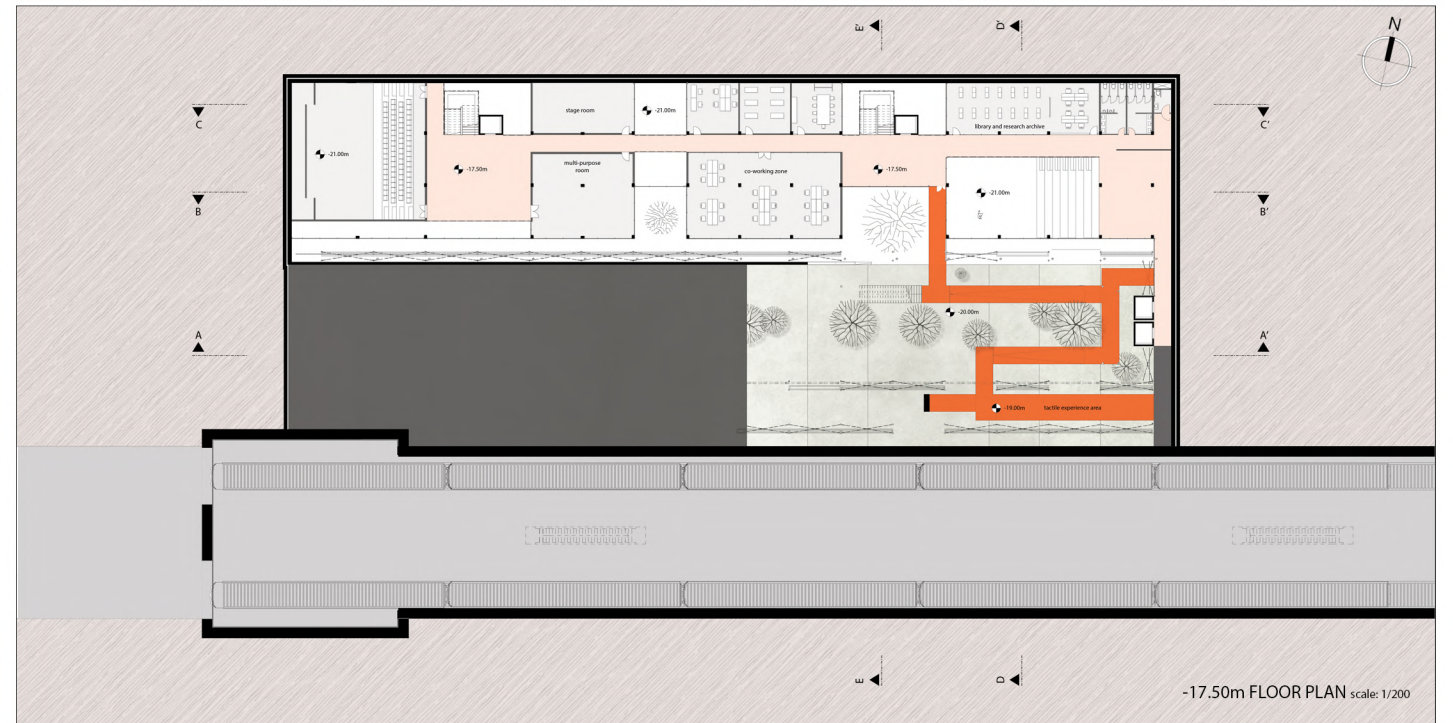
perspective
section





-7.00 m floor plan

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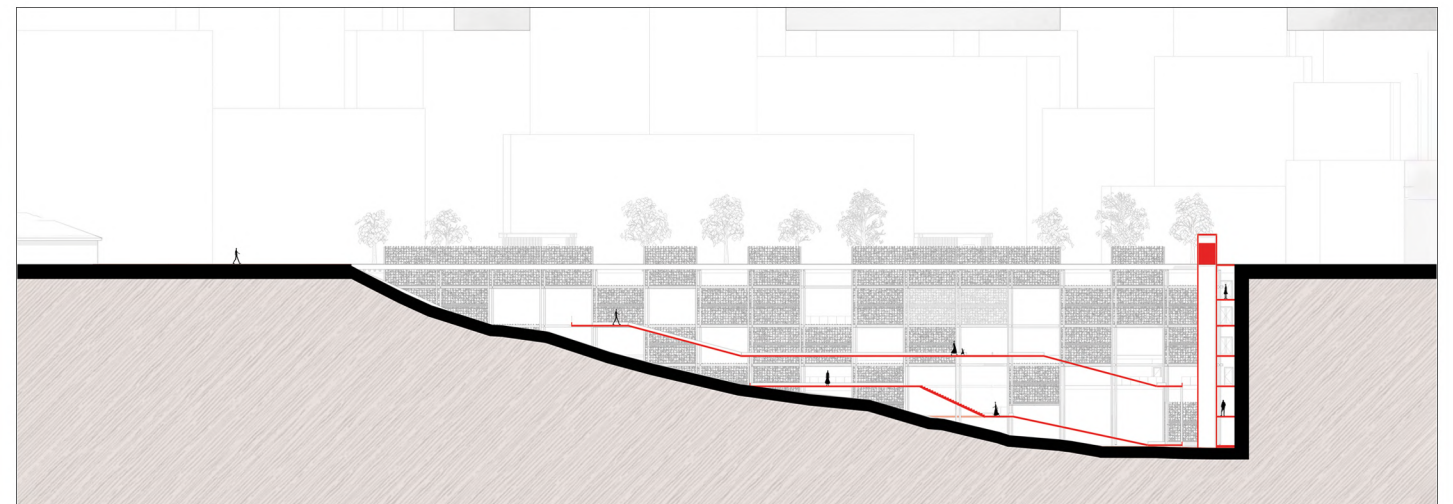


-17.50 m floor plan

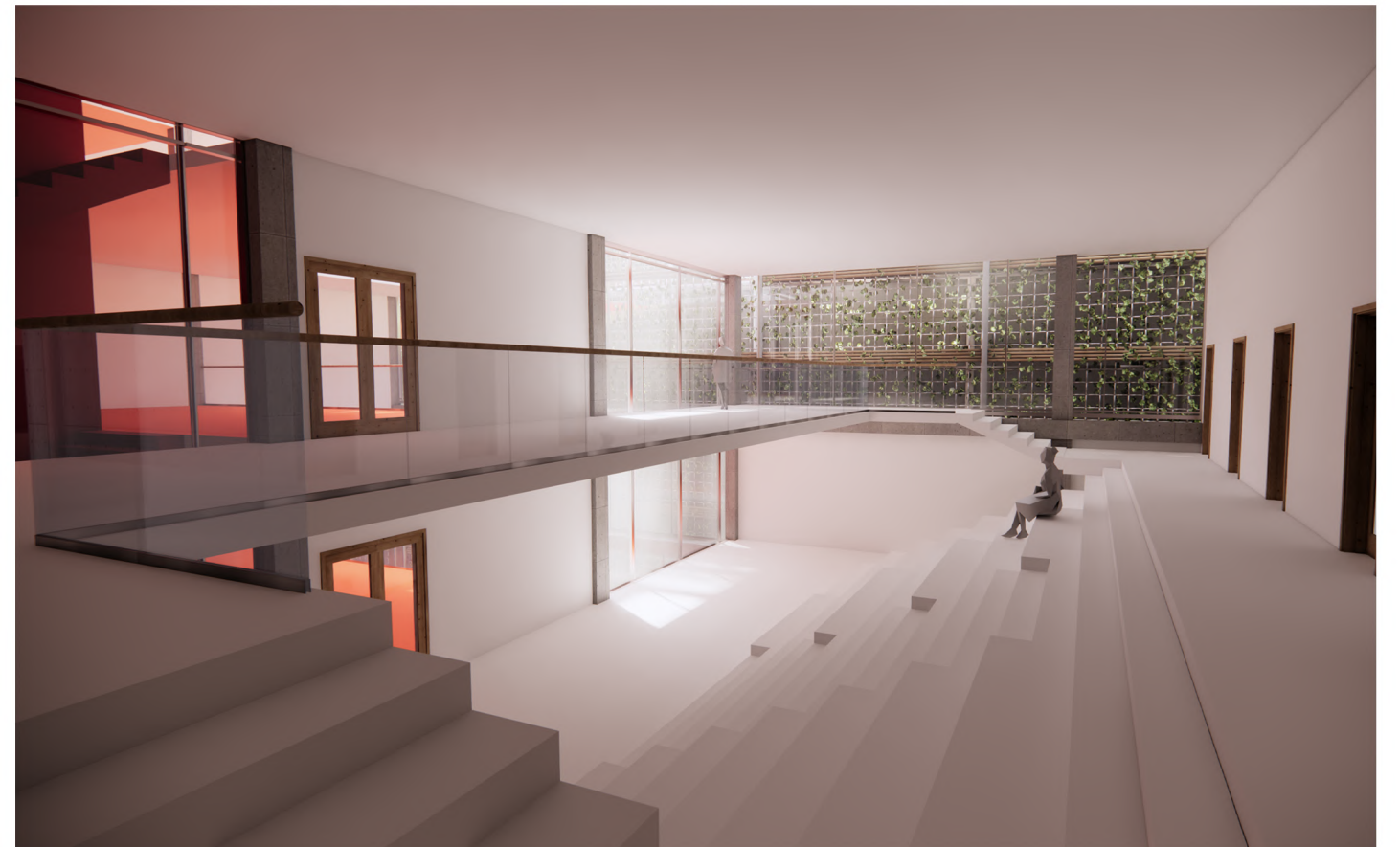
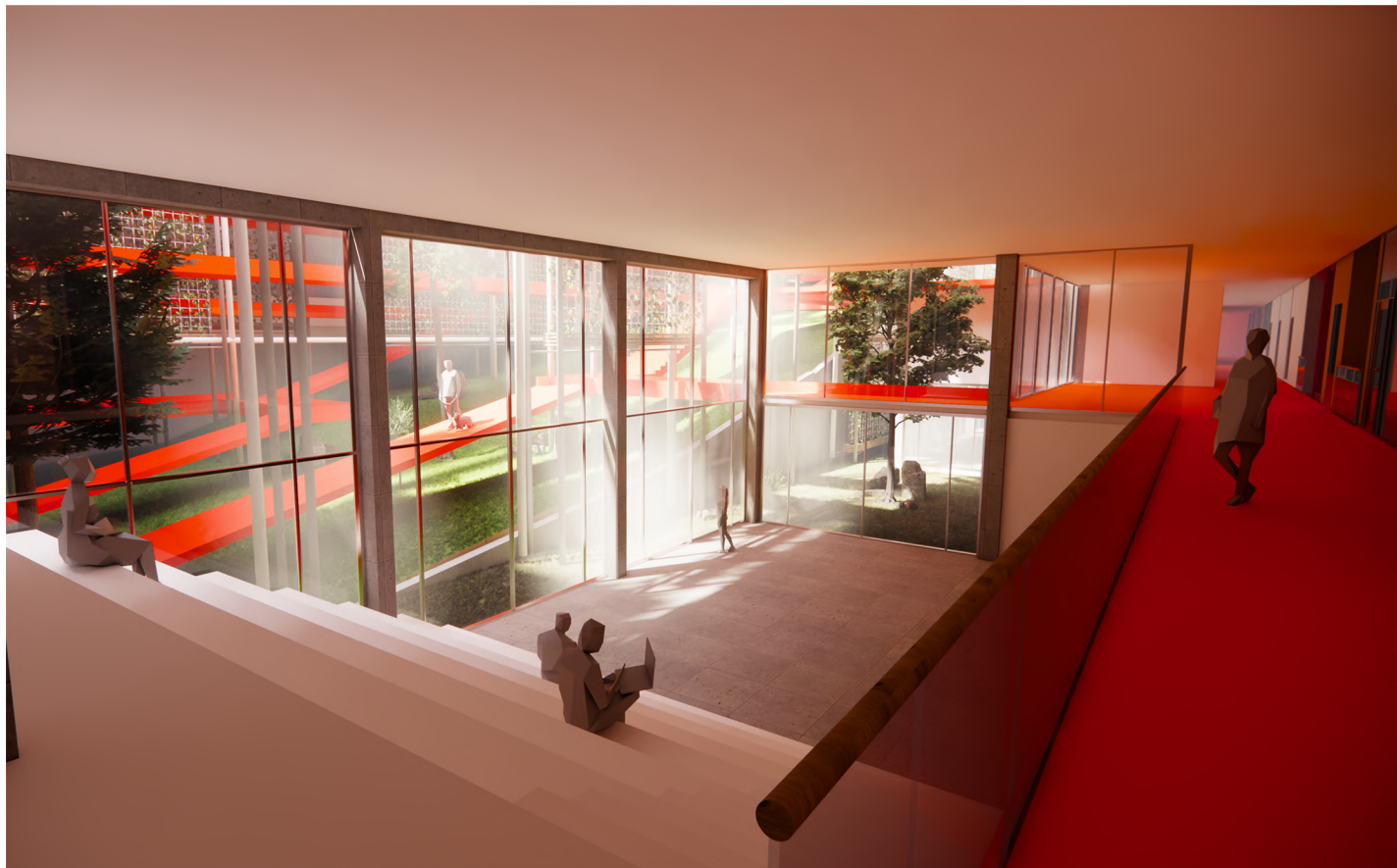
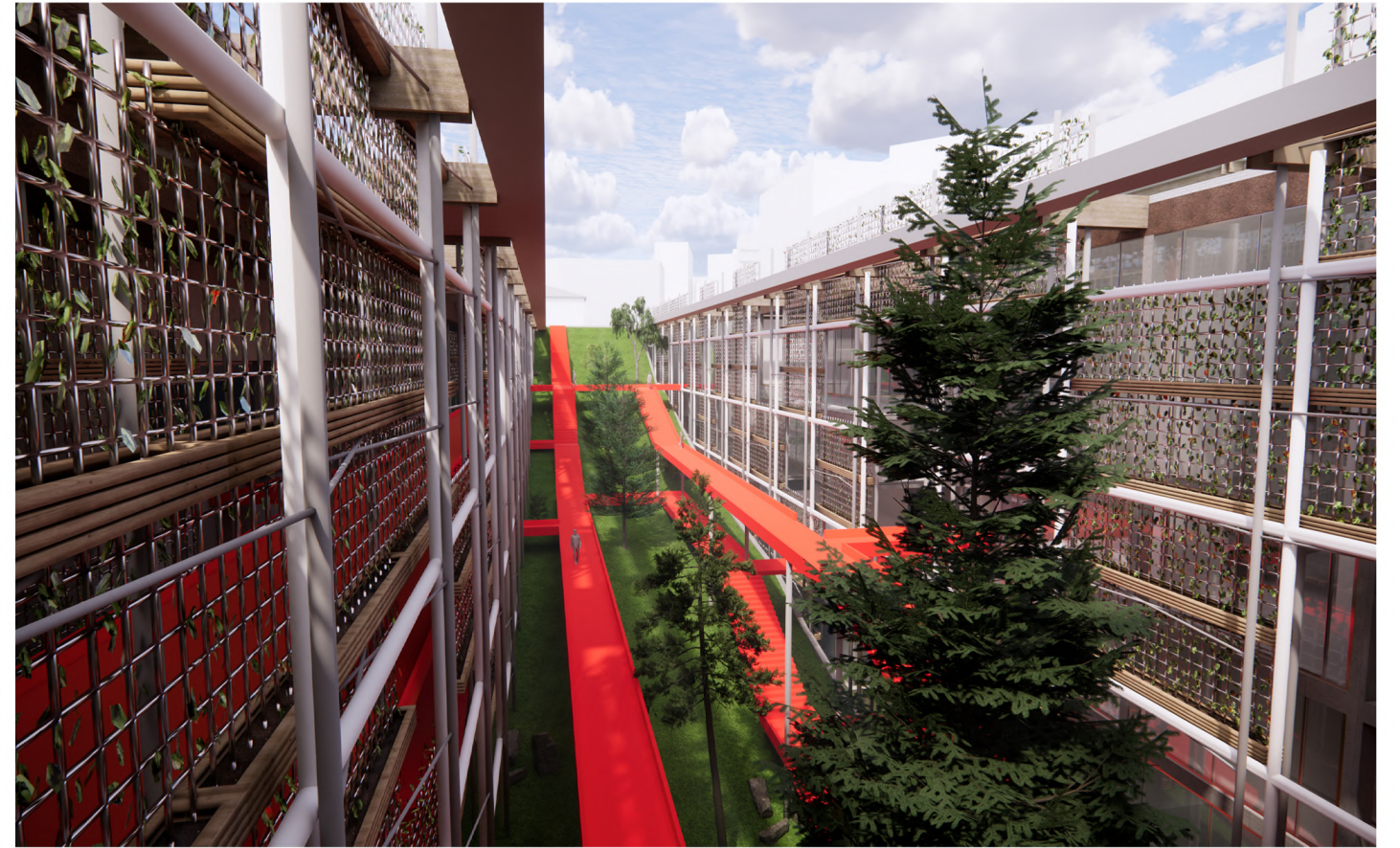
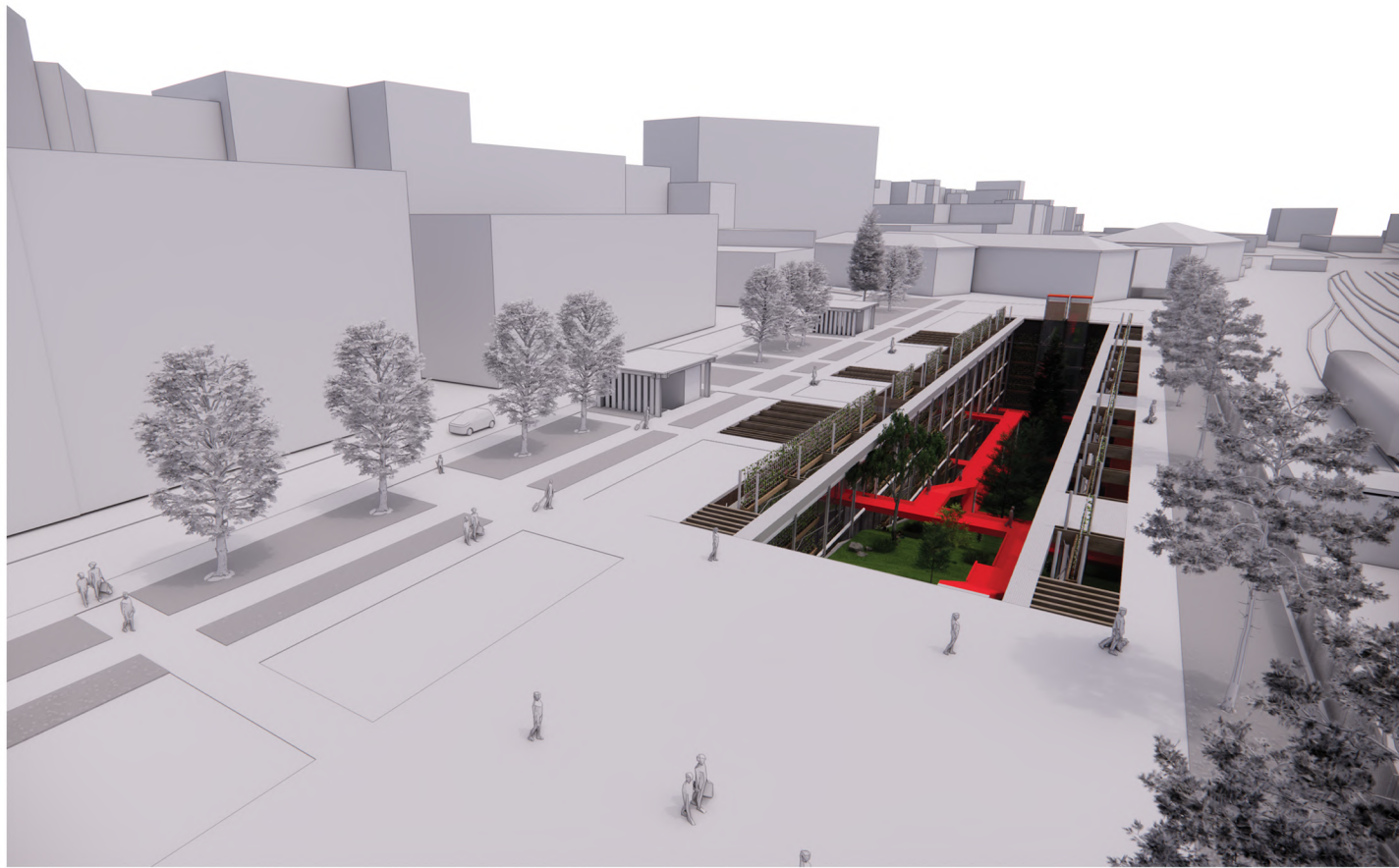
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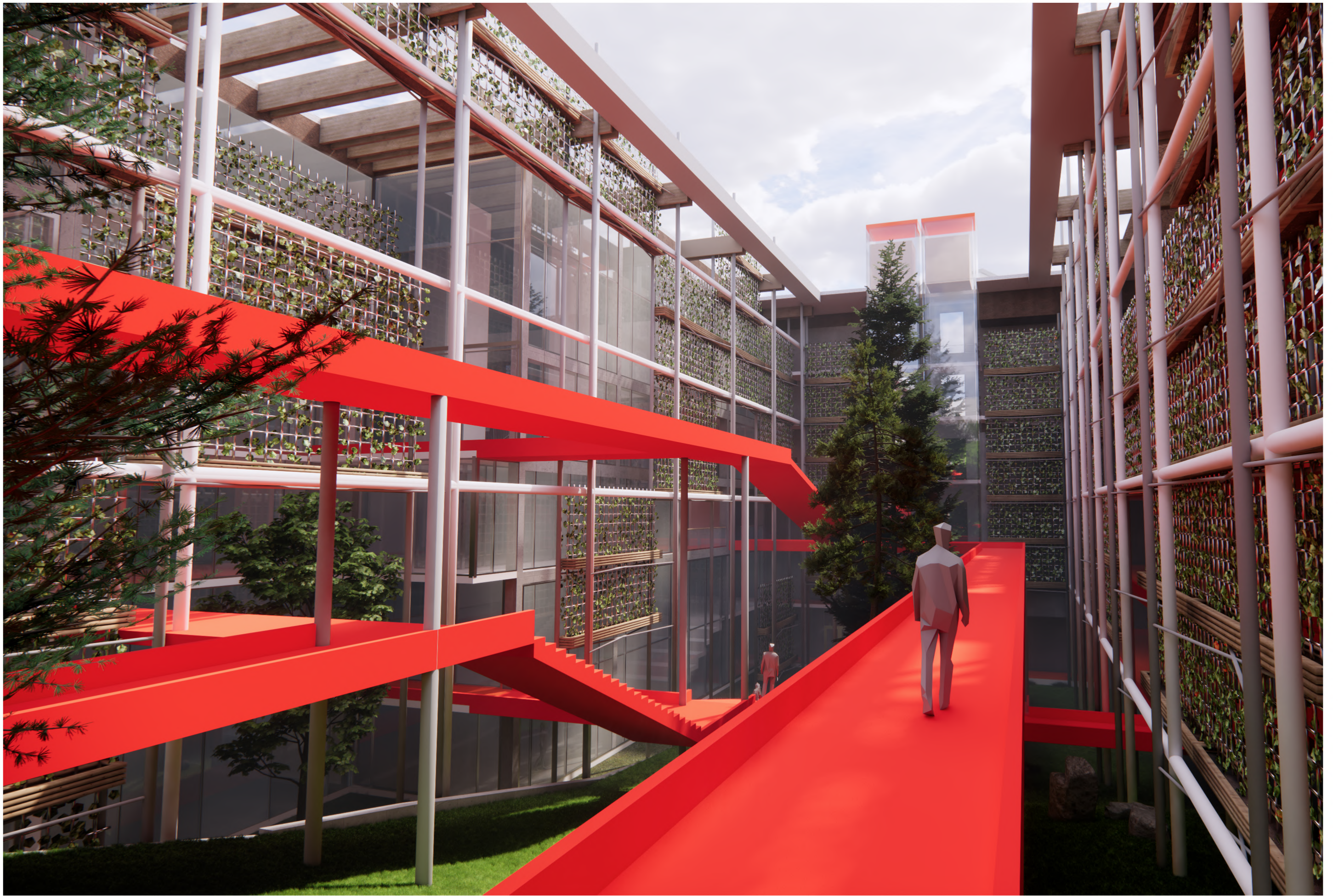


C - C' section



A - A' section





TERRADIVISION

"housing complex in karsiyaka"

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.



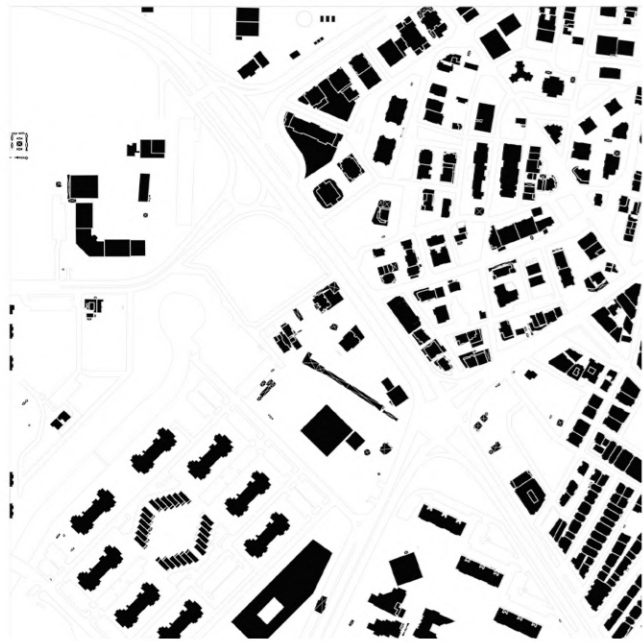


FIGURE GROUND



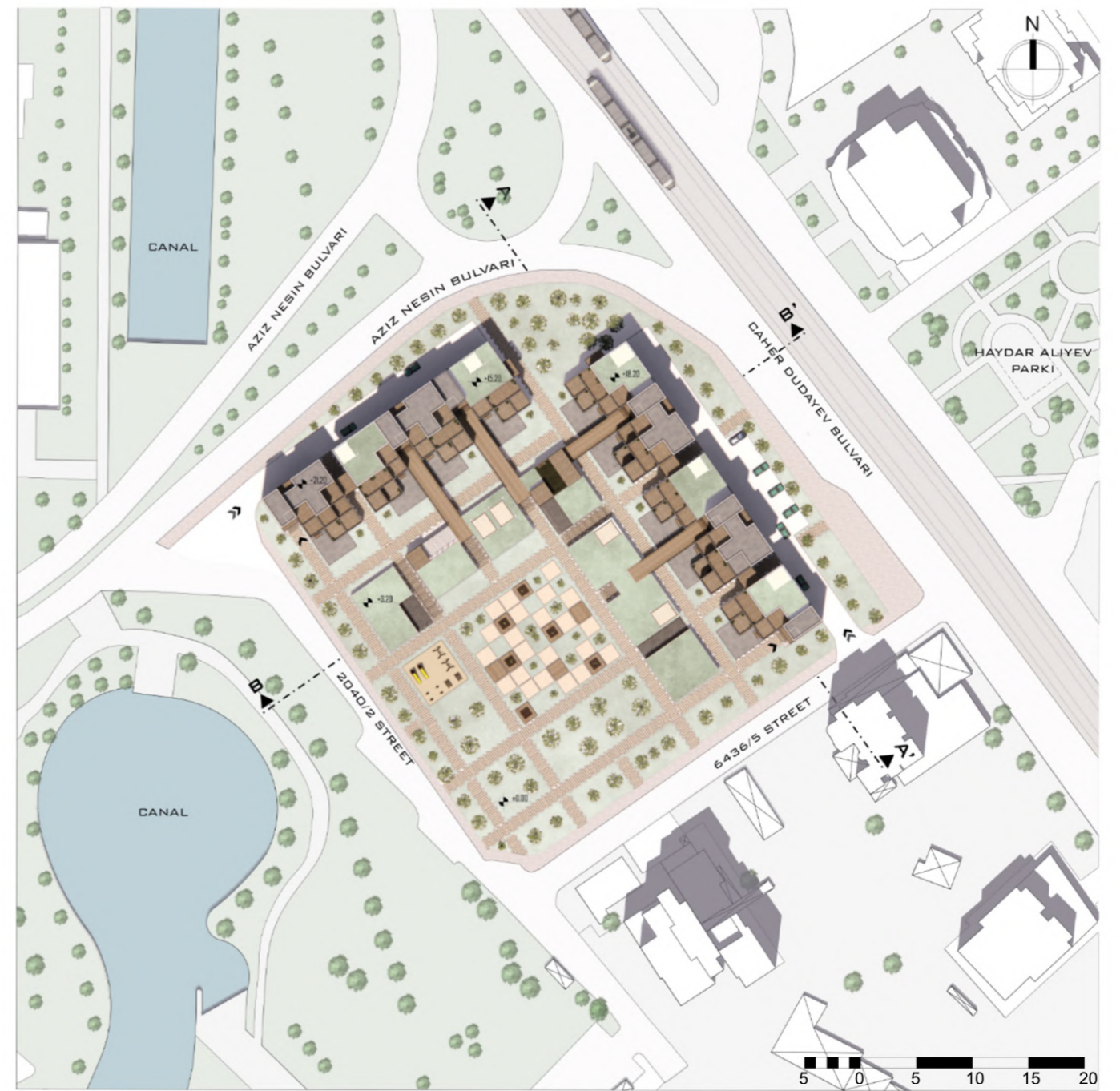
BUILDING HEIGHT ANALYSIS



LANDSCAPING ANALYSIS



LAND-USE ANALYSIS

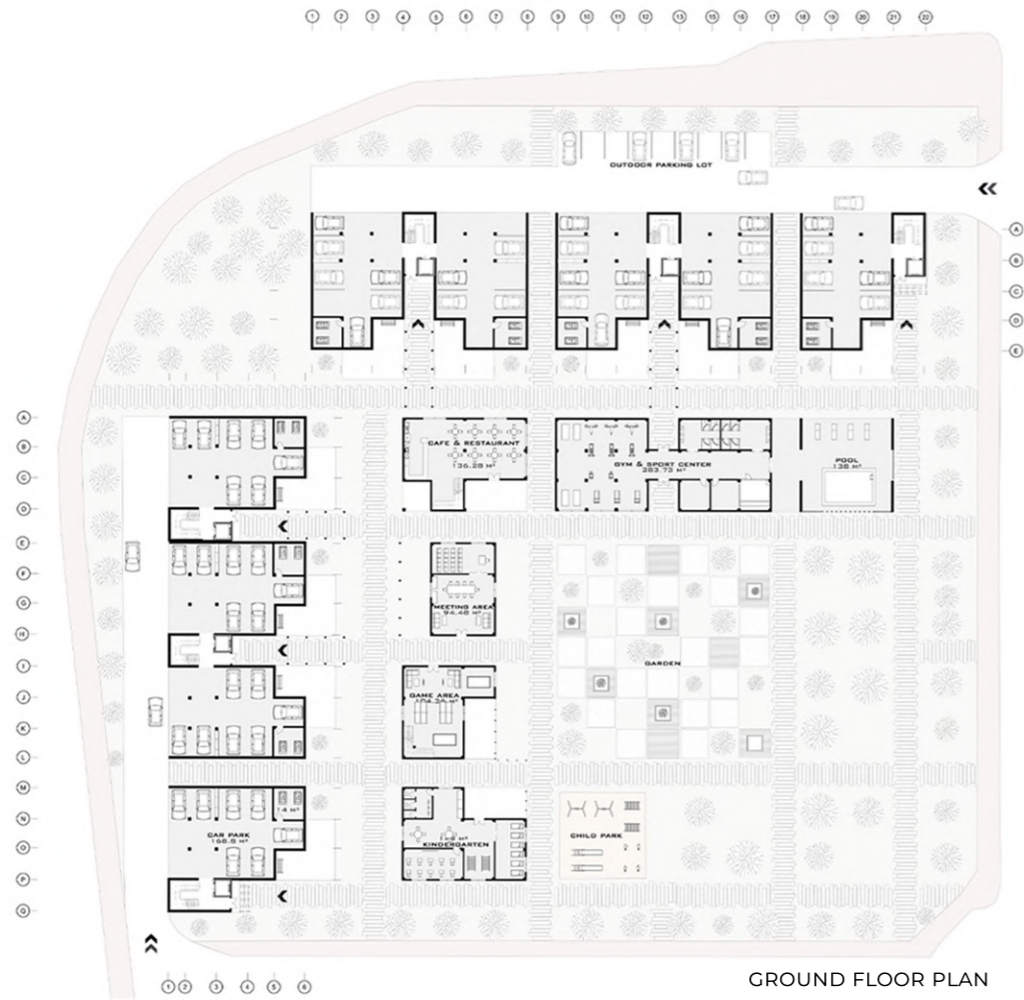


SITE PLAN



SITE SECTION



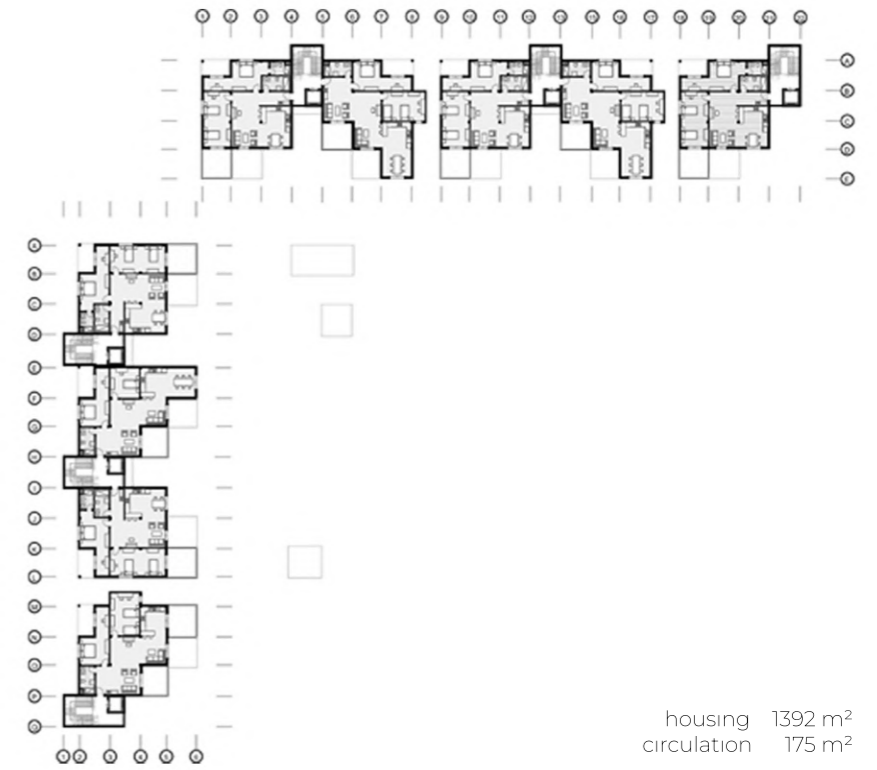


GROUND FLOOR PLAN



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 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 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 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





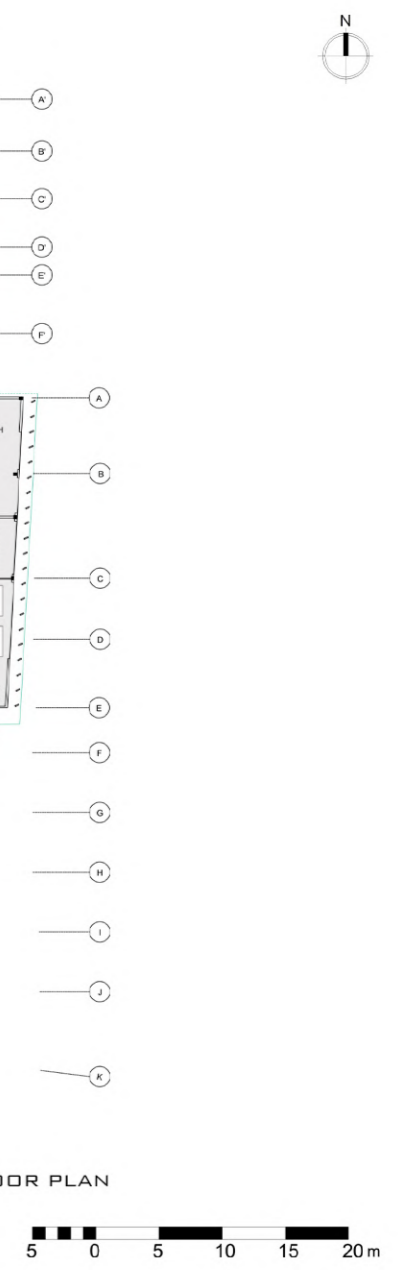
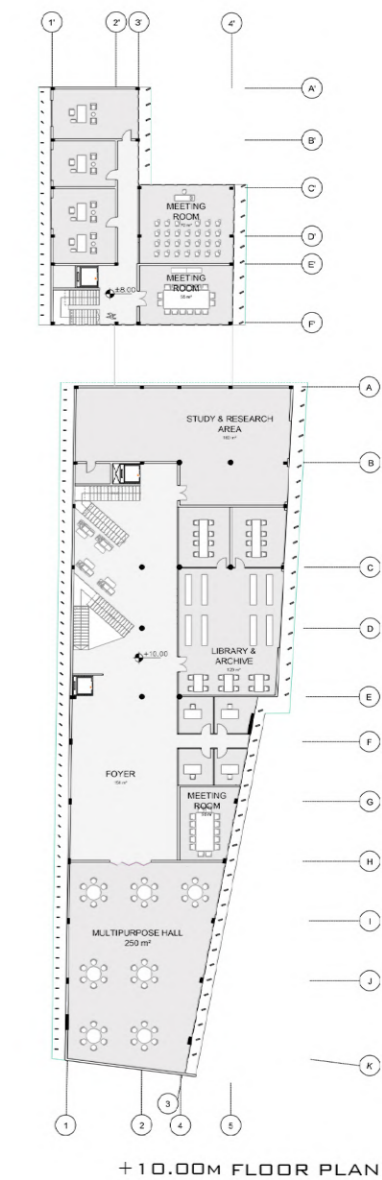
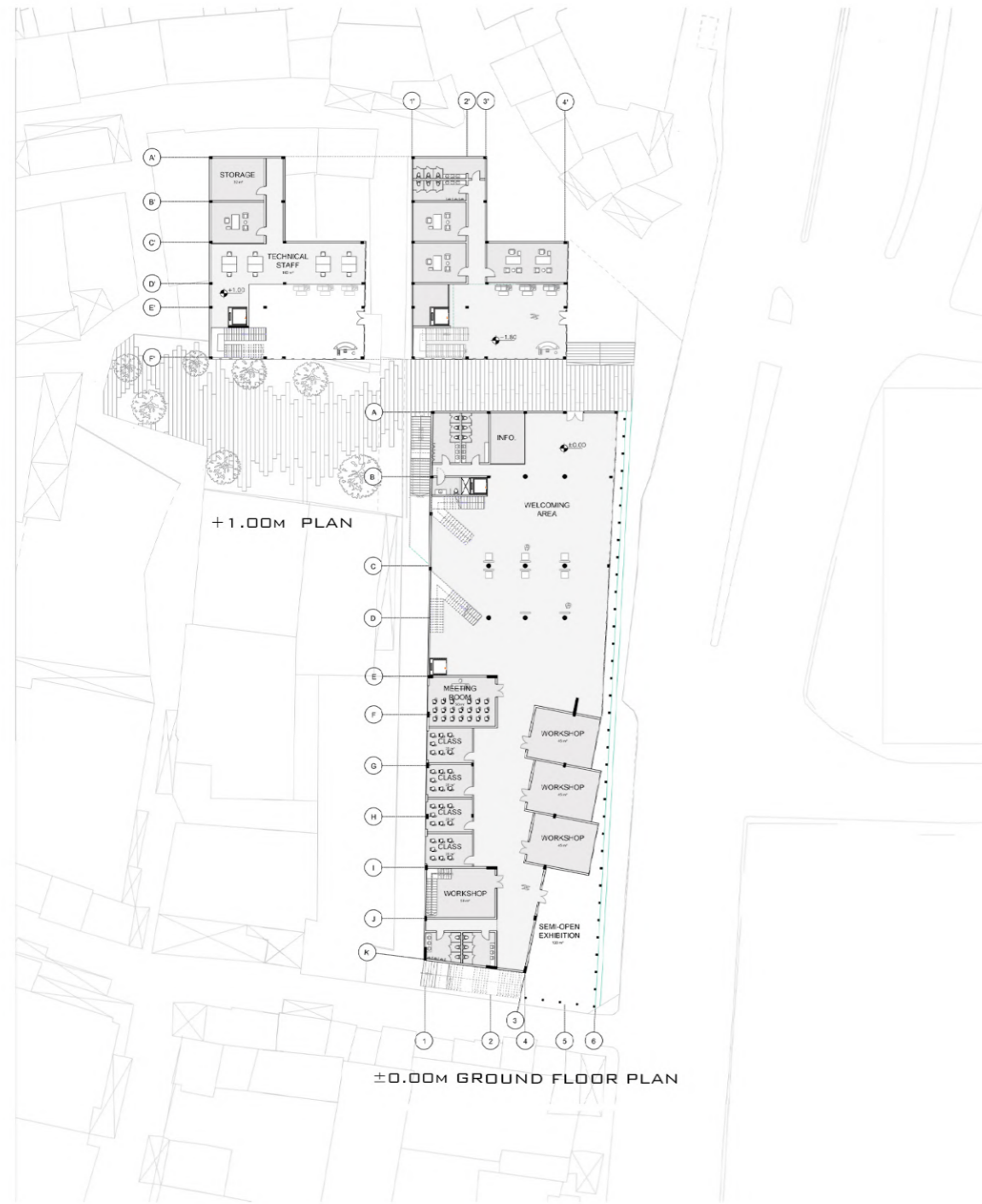
2023-2024

location konak izmir
function public
project size 5.000 m²

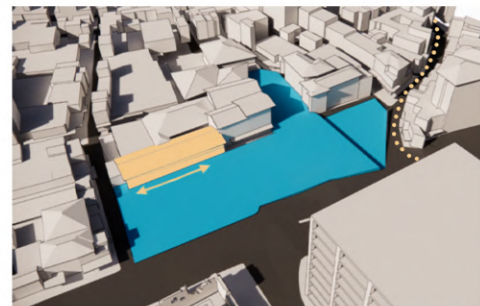
CROSSING THROUGH

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.

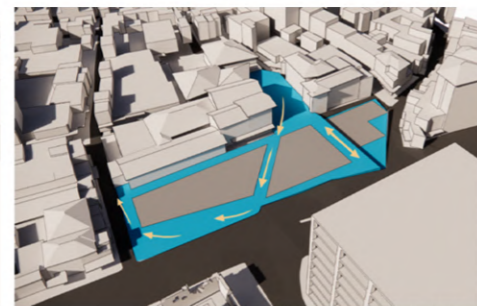




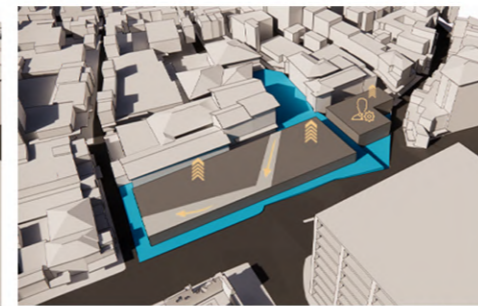
design idea



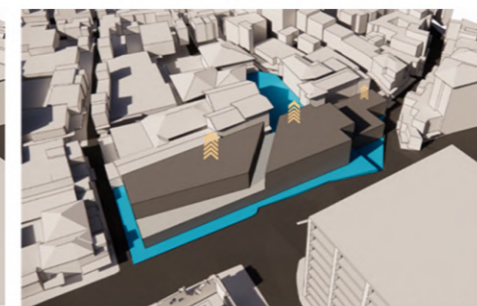
design area location



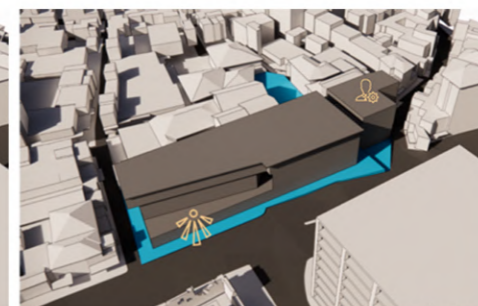
a new route



route, mass, functions



formation of building masses



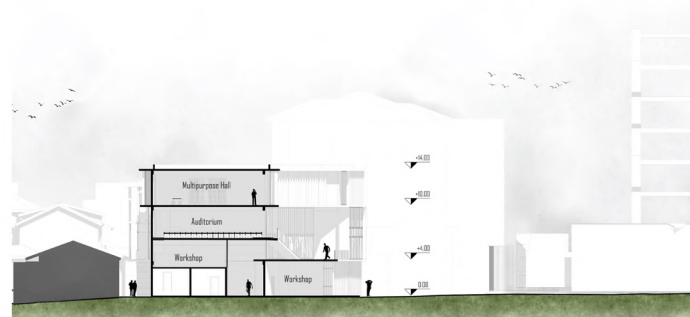
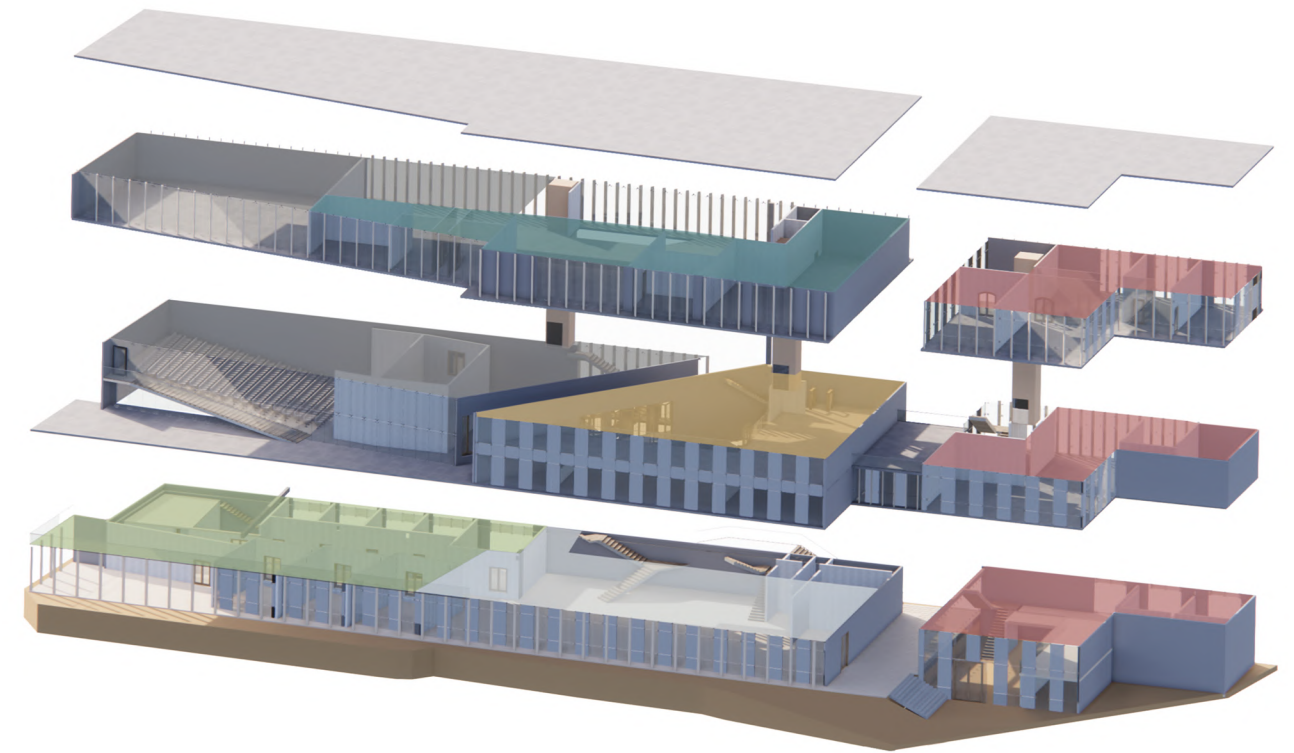
user experience and view



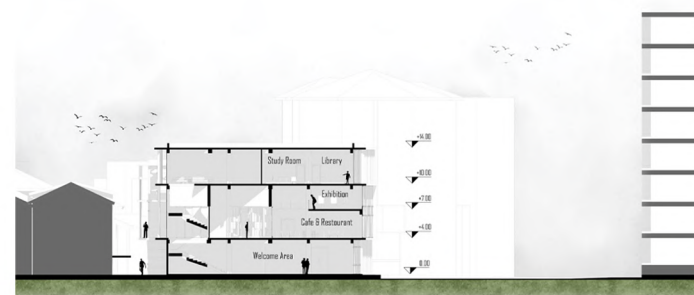
final design

PROGRAM & EXPLODED DIAGRAM

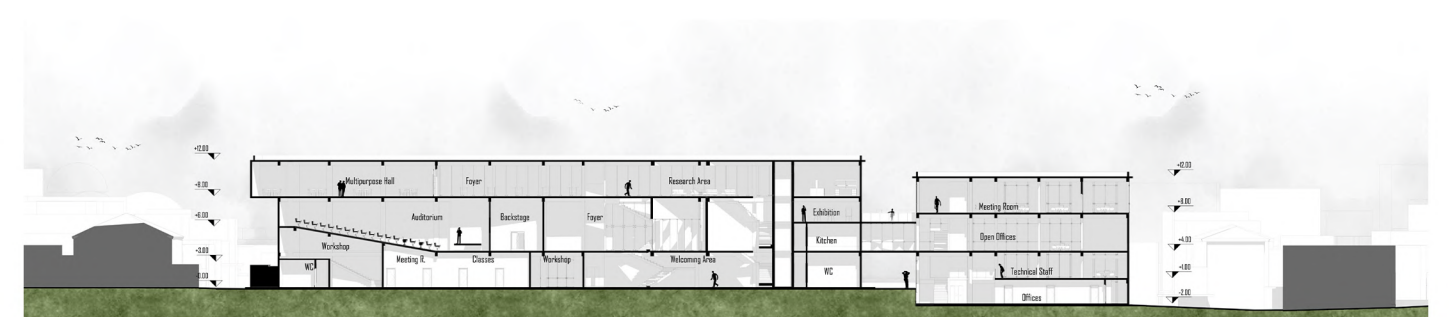
	WELCOMING SPACES (Info desk, Lobby)	400 m ²
	CONGREGATIONAL SPACES (Auditorium, Multipurpose Hall, Foyer)	870 m ²
	EXHIBITION & EDUCATION (Observation Terrace, Exhibition Area, Class, Workshop)	1030 m ²
	GASTRONOMY & SOCIALIZATION (Cafe & Restaurant, Gift Shop, Terrace, Lounge, Lobby)	360 m ²
	ADMINISTRATIVE AND FACILITY MANAGEMENT (Offices, Meeting Room, Seminar Room, IBB, KUDEB, ITLKB)	970 m ²
	RESEARCH AND MEDIA (Study Rooms, Offices, Library, Archive, Meeting Room)	495 m ²
TOTAL OCCUPIABLE AREA		4525 m ²
SERVICES & CIRCULATION & SEMI-OPEN AREAS (WC's, Rest Room, Semi-open Exhibition, Path of Experience)		680 m ²
TOTAL AREA		5205 m ²



CC' SECTION



BB' SECTION



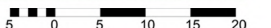
AA' SECTION



EAST ELEVATION



WEST ELEVATION





2022-2023

location Urla Izmir

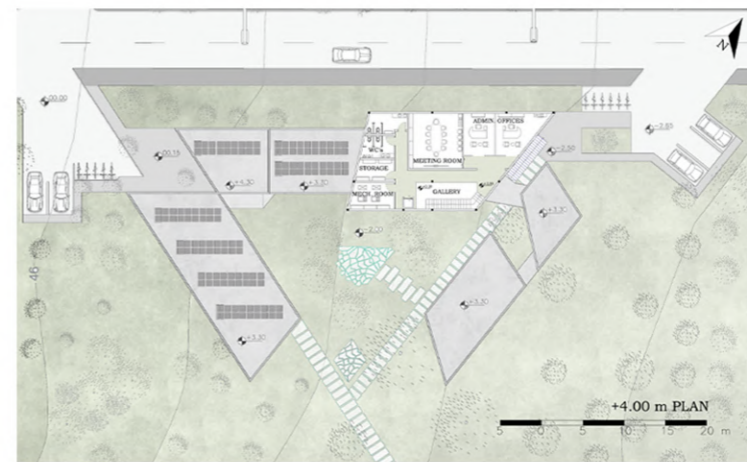
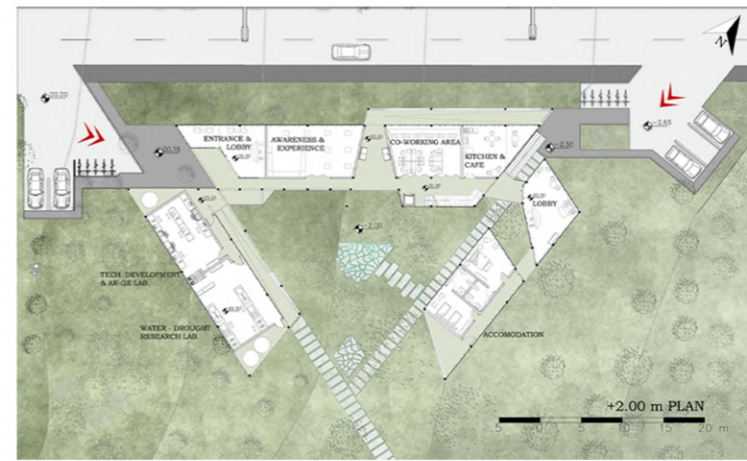
function research center, sustainability

project size 1000 m²

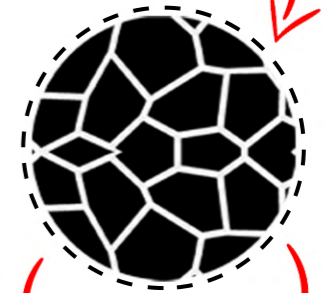
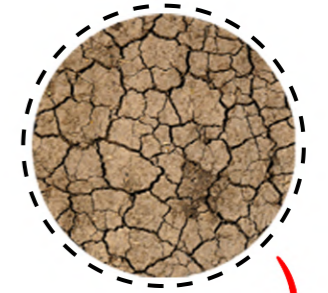
WATER ROUTE

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.

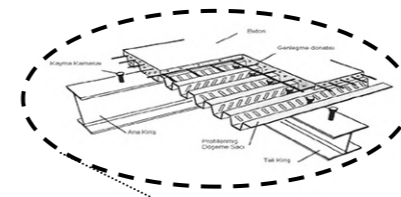




design idea



BB' SECTION



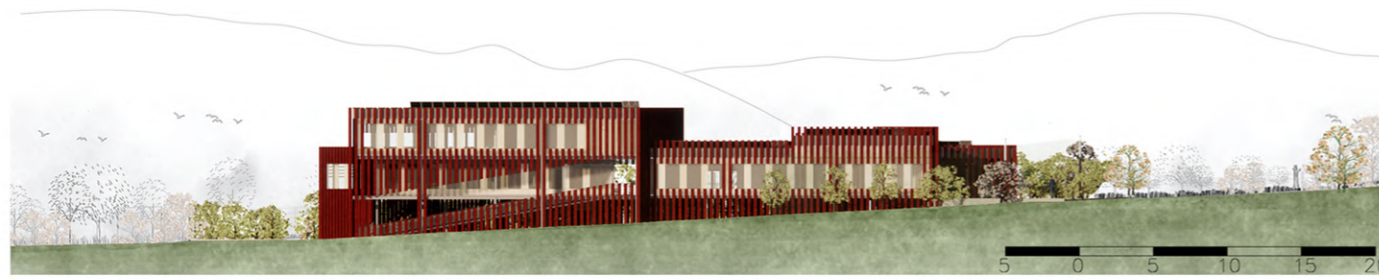
AA' SECTION



SOUTH-WEST ELEVATION



NORTH-EAST ELEVATION



NORTH-WEST ELEVATION



SOUTH-EAST ELEVATION





[competition]
2023

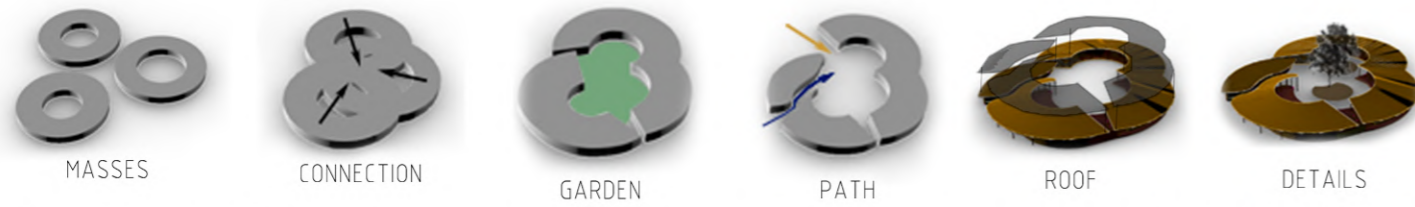
location casamance senegal
function education
project size 2000 m²

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.

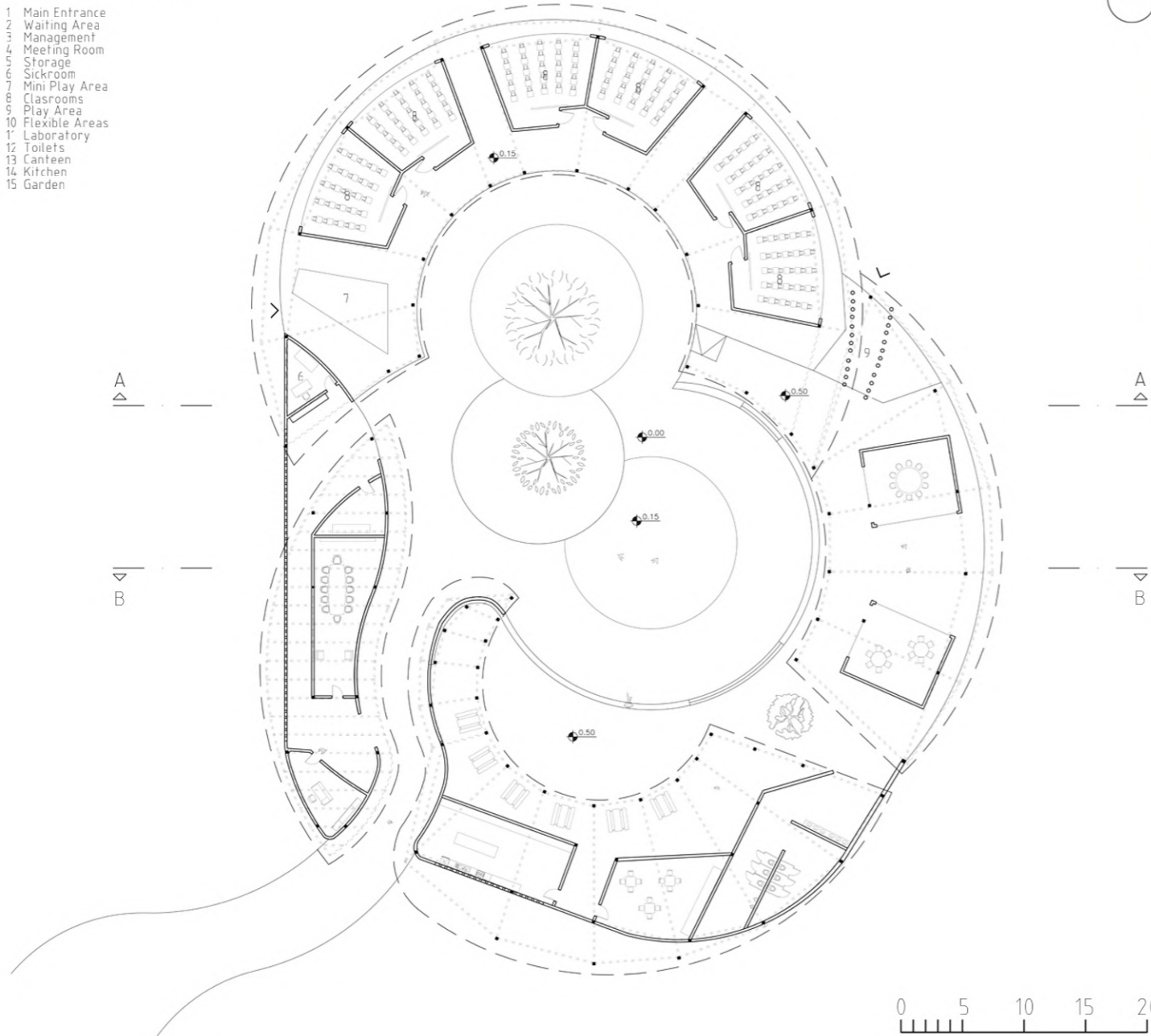




The masses of three different fields are formed from impluvium house. A reliable garden is created in the middle of school by connecting these masses together. Then a concept entrance and other entrance of the school are placed. The masses are connected to each other with roofs. Finally, landscape details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

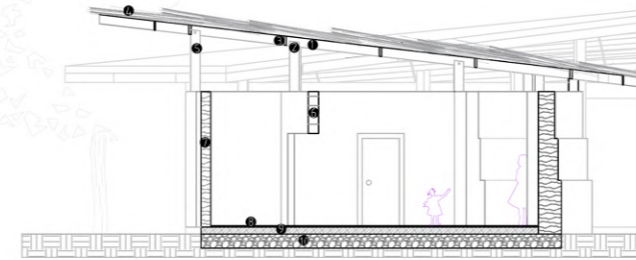
Ground Floor Plan

- 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



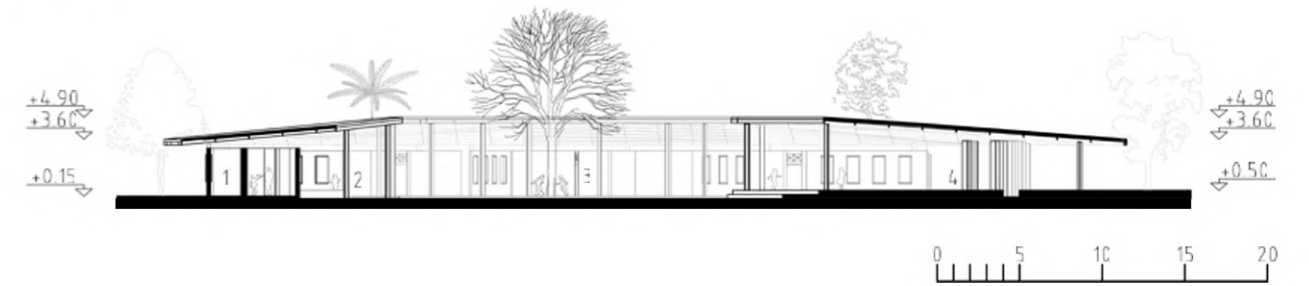
Detail Wall Section

- 1 Wooden rafter 5x20 cm
- 2 Metal fastener and bolt connection
- 3 Wooden batten 2 x 20 cm
- 4 Straw roofing 15 cm
- 5 Wooden beam 20x20
- 6 Laterite brick wall 15x25
- 7 Rammed earth wall 3x280 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





