

Architectural Portfolio



Hamza Arslan

# About Me



Hamza Arslan

Istanbul

03.10.2001

As a passionate architect, I have developed a robust understanding of architectural design principles and the built environment. My works showcase a diverse portfolio emphasizing innovative design, with a strong focus on façade systems, BIM and visualizations.

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## Work Experiences

5 Months (September - February 2025)

Arrow Architects (Copenhagen) / Office Internship

3 Months (August- October 2023)

SALON Architects / Office Internship

3 Months (August- October 2023)

Efor Construction / Construction Site Internship

3 Months (January- April 2023)

Bunni Studio / Architectural Visualization Office Intern

## Competitions

**Awarded** as First Place / EDİÇO Architectural Competition  
April 2024

**Awarded** as Purchashe Place / Anniversary Architectural  
Concept Project Competition  
December 2024

**Awarded** as Equivalent First Place / Temporary Housing  
Competition After Earthquake  
March 2024

**Awarded** as Equavalent First Place/ YTU Interwined  
August 2023

**Awarded** as Equivalent Mention / Design Sustainable Living  
Spaces Competition  
October 2023

Selected as **Finalist** / Prefabricated Concrete Competition  
November 2023

New Habitat Forms by Ilhan Tekeli Charity  
December 2023

Public Space as Gather by Cement Industry Union  
March 2023

Living LAB Design Marathone by Basaksehir Municipality  
June 2023

## Softwares

Modeling Sketchup/3DS Max/ Rhino Revit / AutoCAD

Render Corona/ Twinmotion / D 5 / V-Ray / Enscape/

Adobe Photoshop / Illustrator / Indesign/ Premiere Pro

## Languages

Turkish Native

English Advanced

Arabic Intermediate

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The project aims to solve both **functional needs** which are residential and offices.



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The rhythm of **solid and void** creates a dynamic visual that responds to both interior functions and **exterior orientation**.



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## KentKat

The precast modules, integrated onto the **preserved structure** through a plug-and-play system, create a **flexible living space** adaptable to different user scenarios.

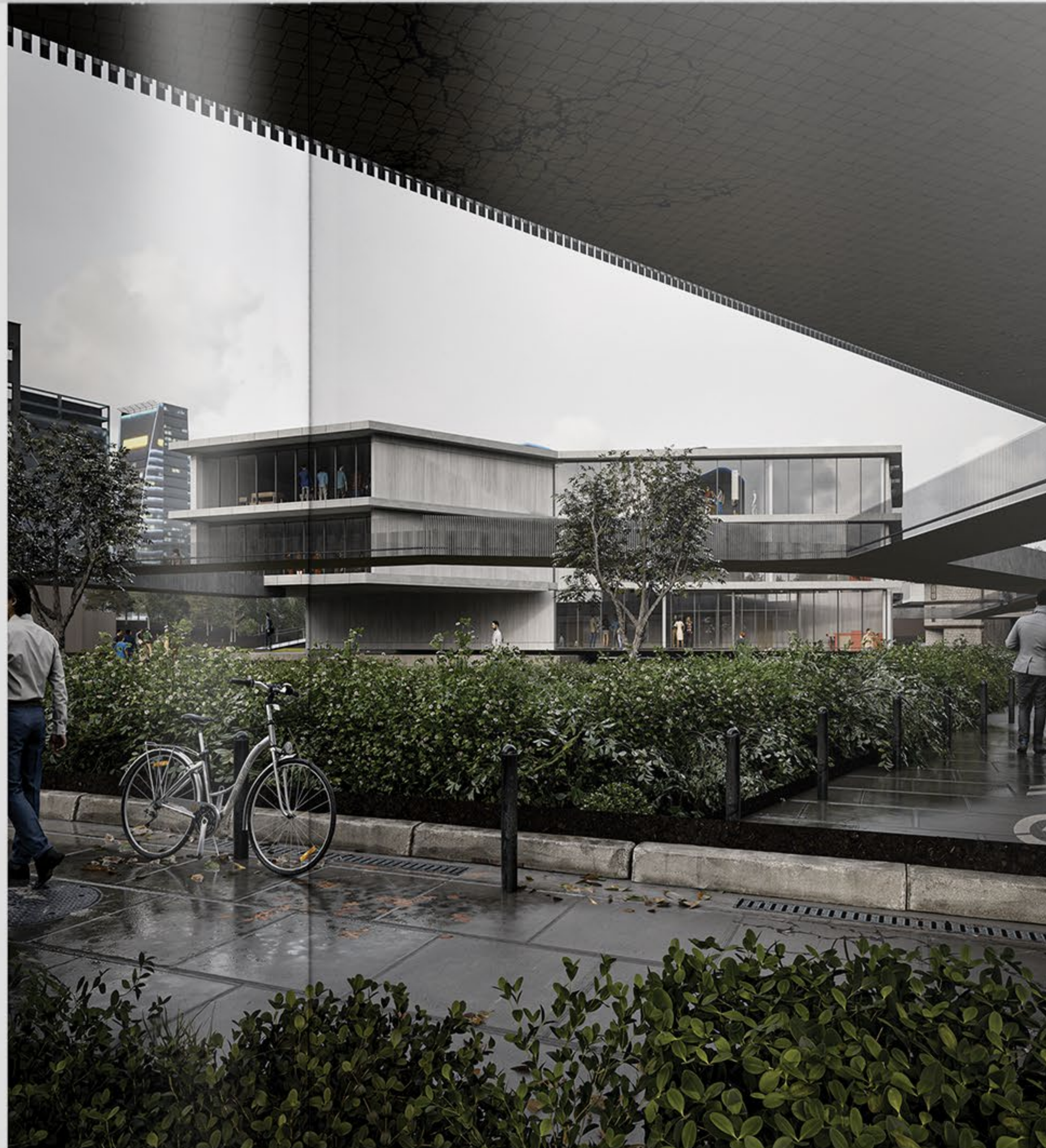


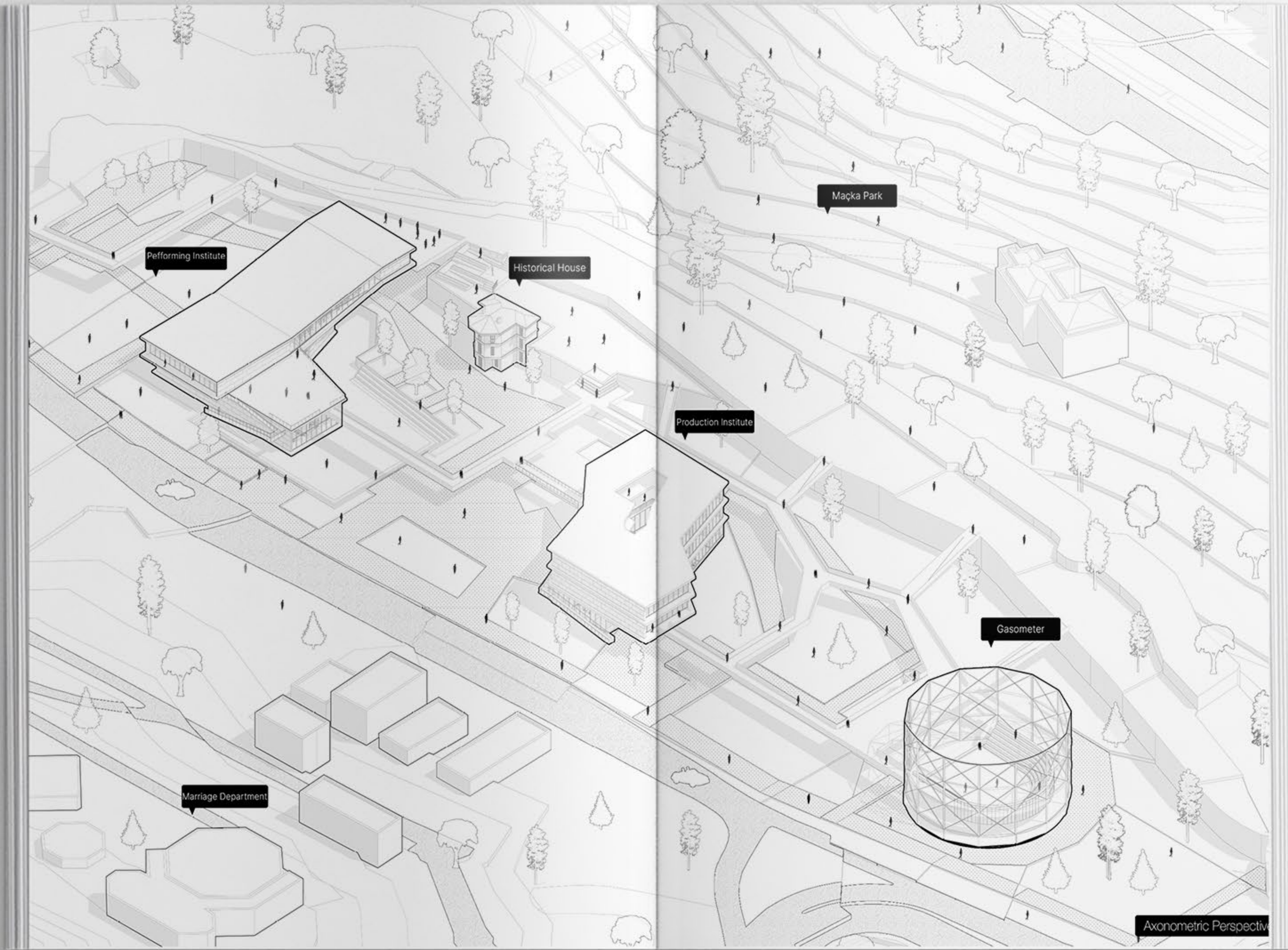
Graduation  
Project

# 1 Music Institute

Engage with the local community, host events, and make music education accessible to everyone...

The architectural strategies for the Music Institute in Dolmabahçe, Beşiktaş, emphasize creating a compact, low-rise structure that harmonizes with the surrounding environment, thereby preserving the existing green spaces and minimizing ecological disruption.





Peforming Institute

Historical House

Maçka Park

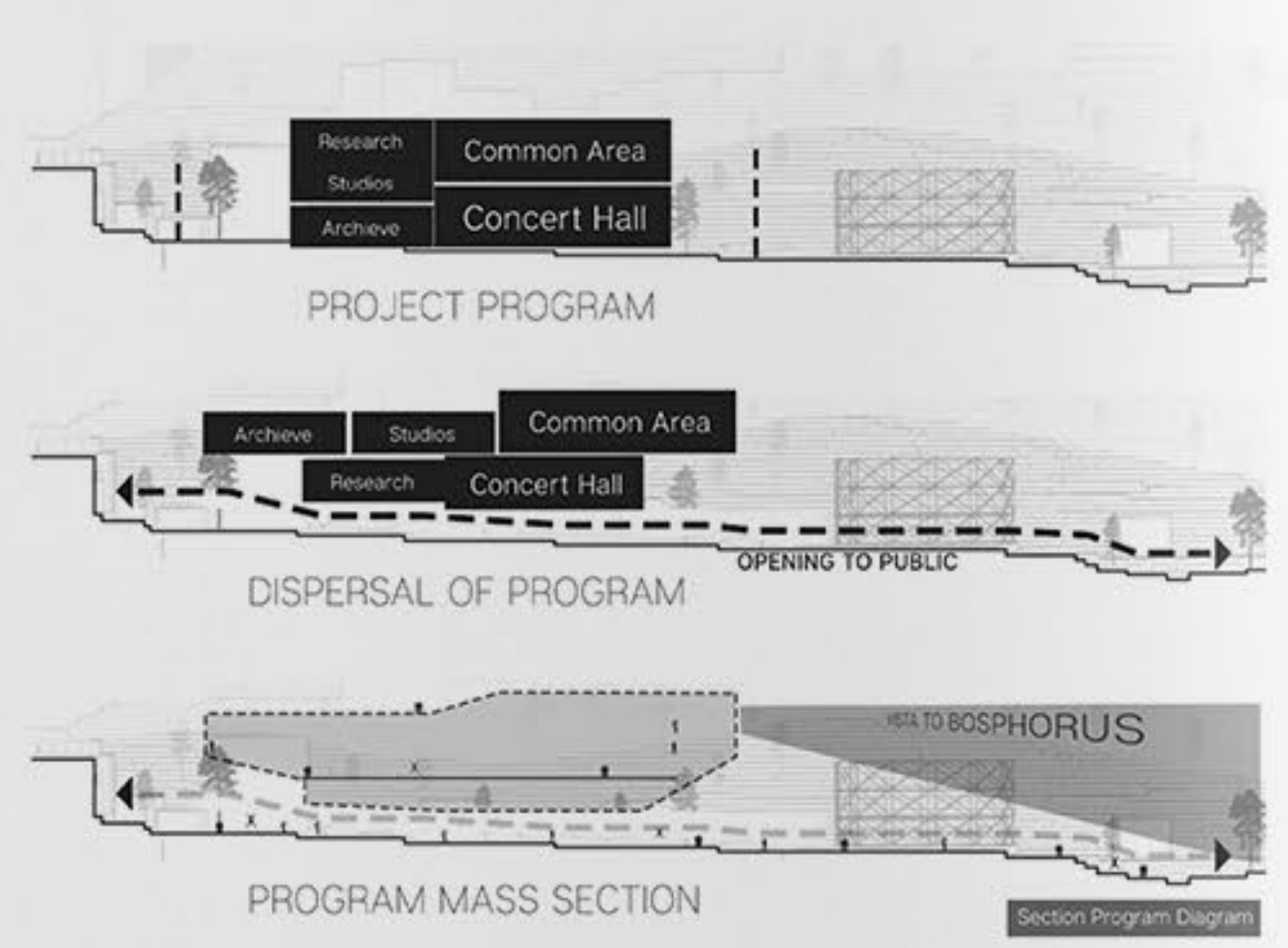
Production Institute

Gasometer

Marriage Department

Axonometric Perspective

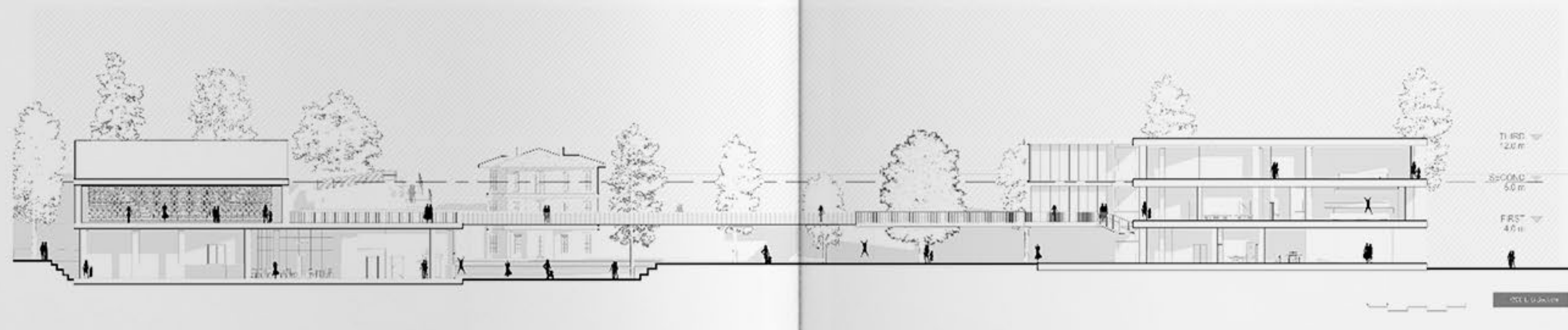
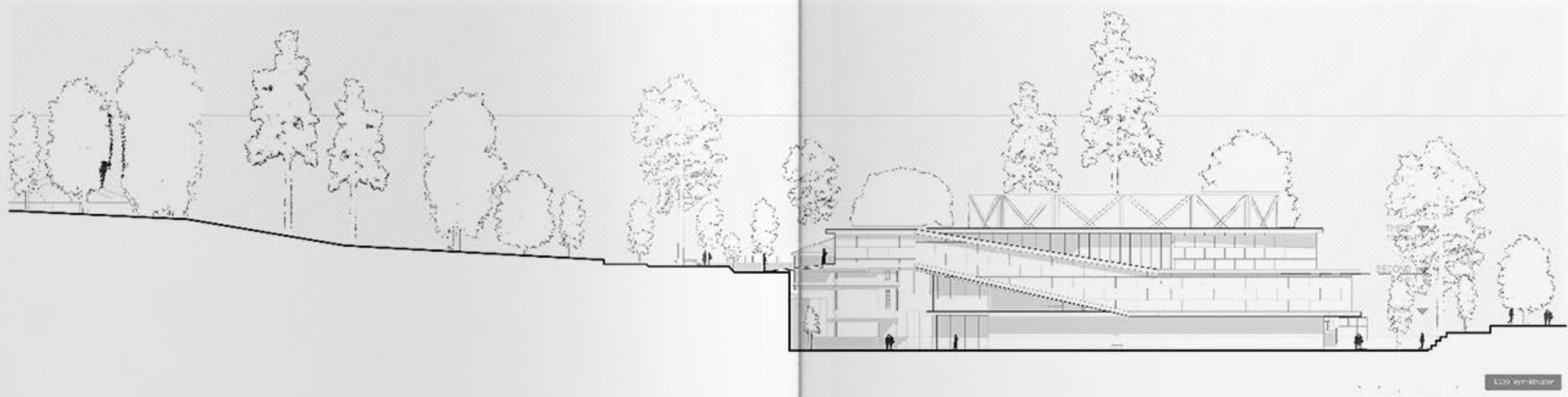
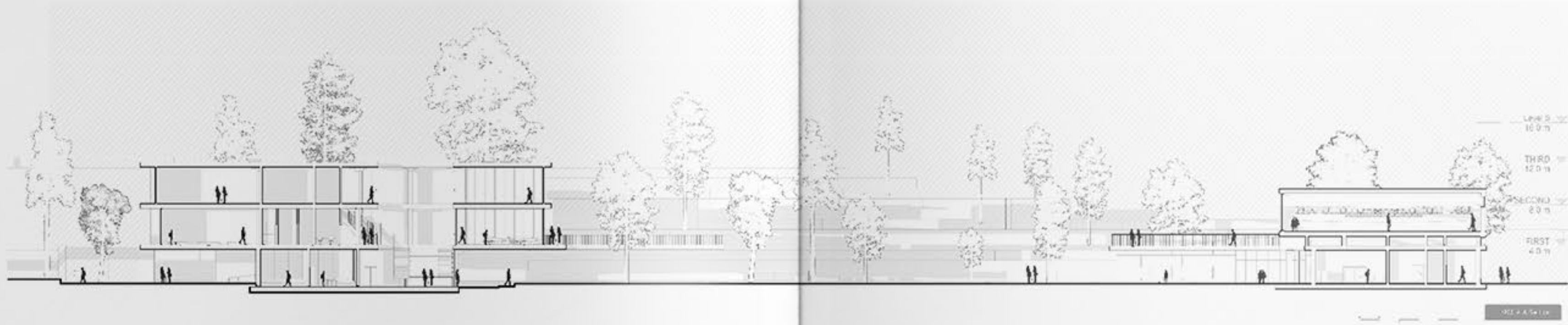


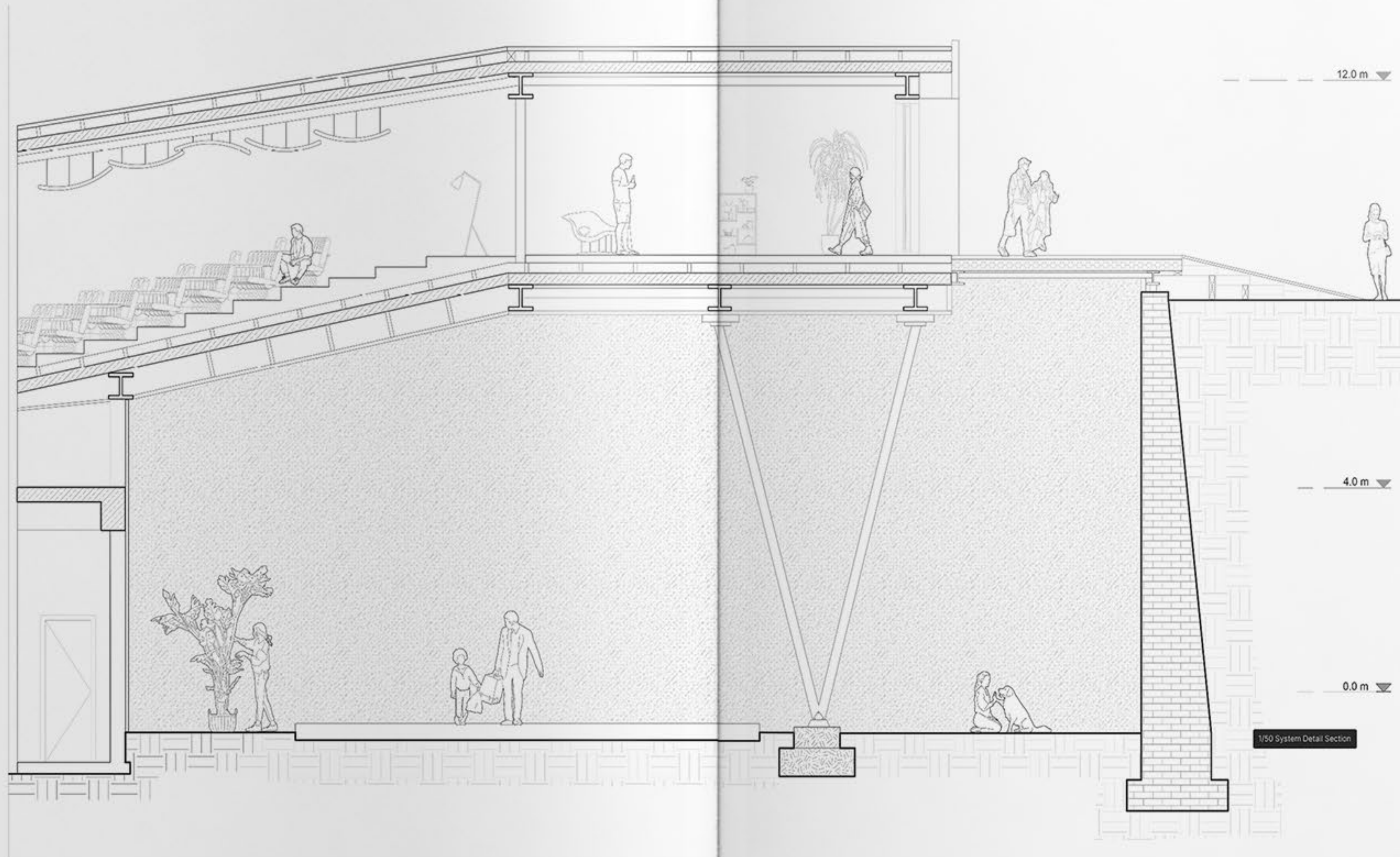


Community and cultural integration are also key aspects, with the design incorporating local art and craftsmanship to celebrate cultural heritage and support local artisans. The institute will feature collaborative spaces that encourage interaction between musicians, students, and the public, fostering a vibrant sense of community and shared cultural experiences. This holistic approach ensures that the Music Institute is not only a center for learning and performance but also a sustainable and integrated part of the Dolmabahçe, Beşiktaş community.









System Detail Section

Awarded  
Competition Project

# Vivant Housing

"A house is not merely a shelter but a place  
where a person **takes root in the world**  
and connects with existence.

-Heidegger

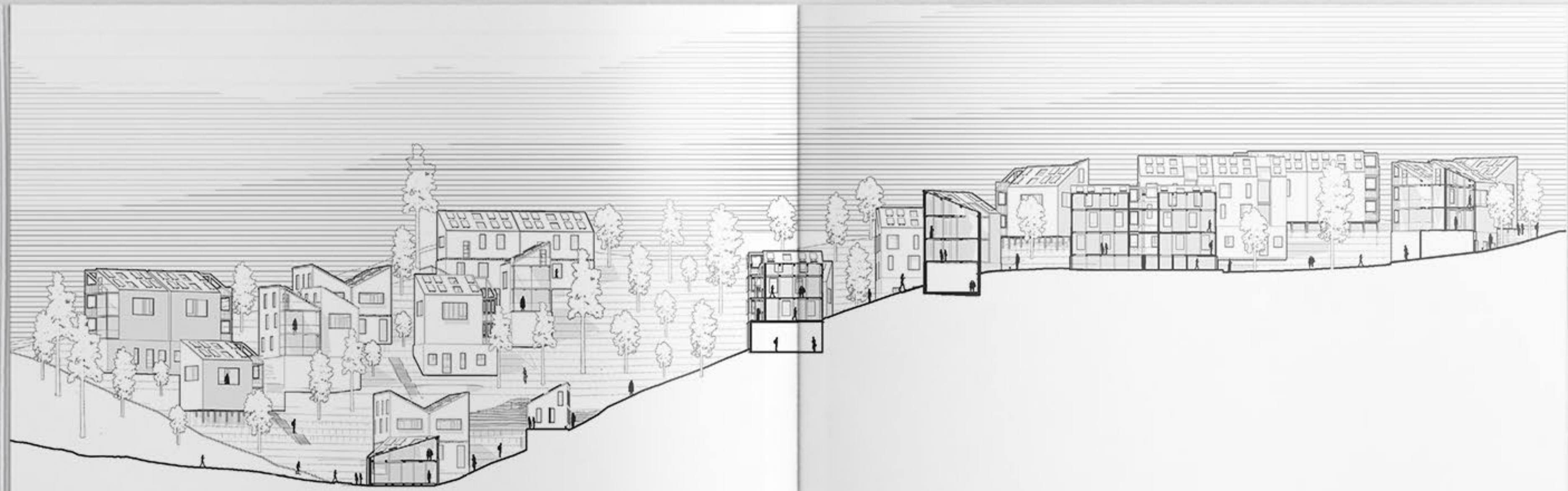
Vivant Housing is a modular residential system developed with a strong commitment to environmental sustainability, adaptive flexibility, and community-oriented design. The project seeks to create a new residential typology that can transform across various terrains and social needs, extending beyond housing into public, commercial, and communal configurations.



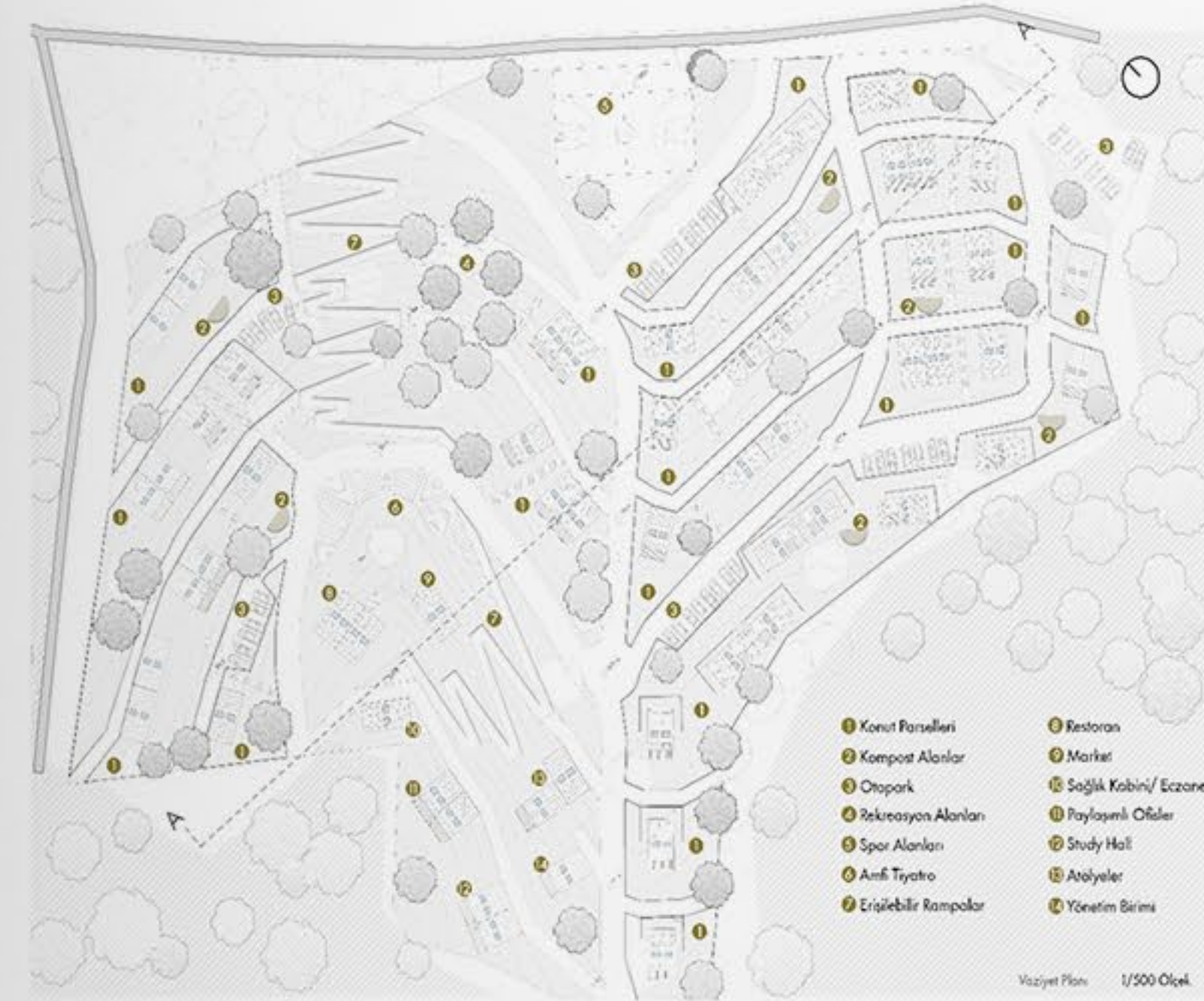
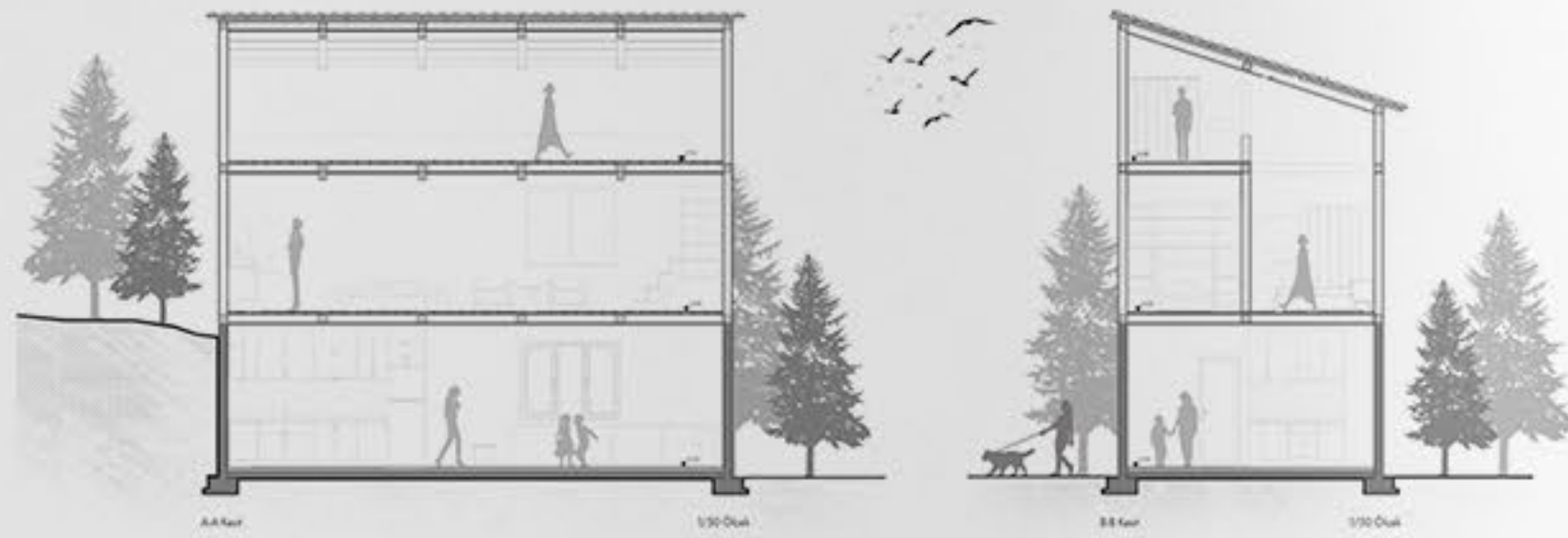


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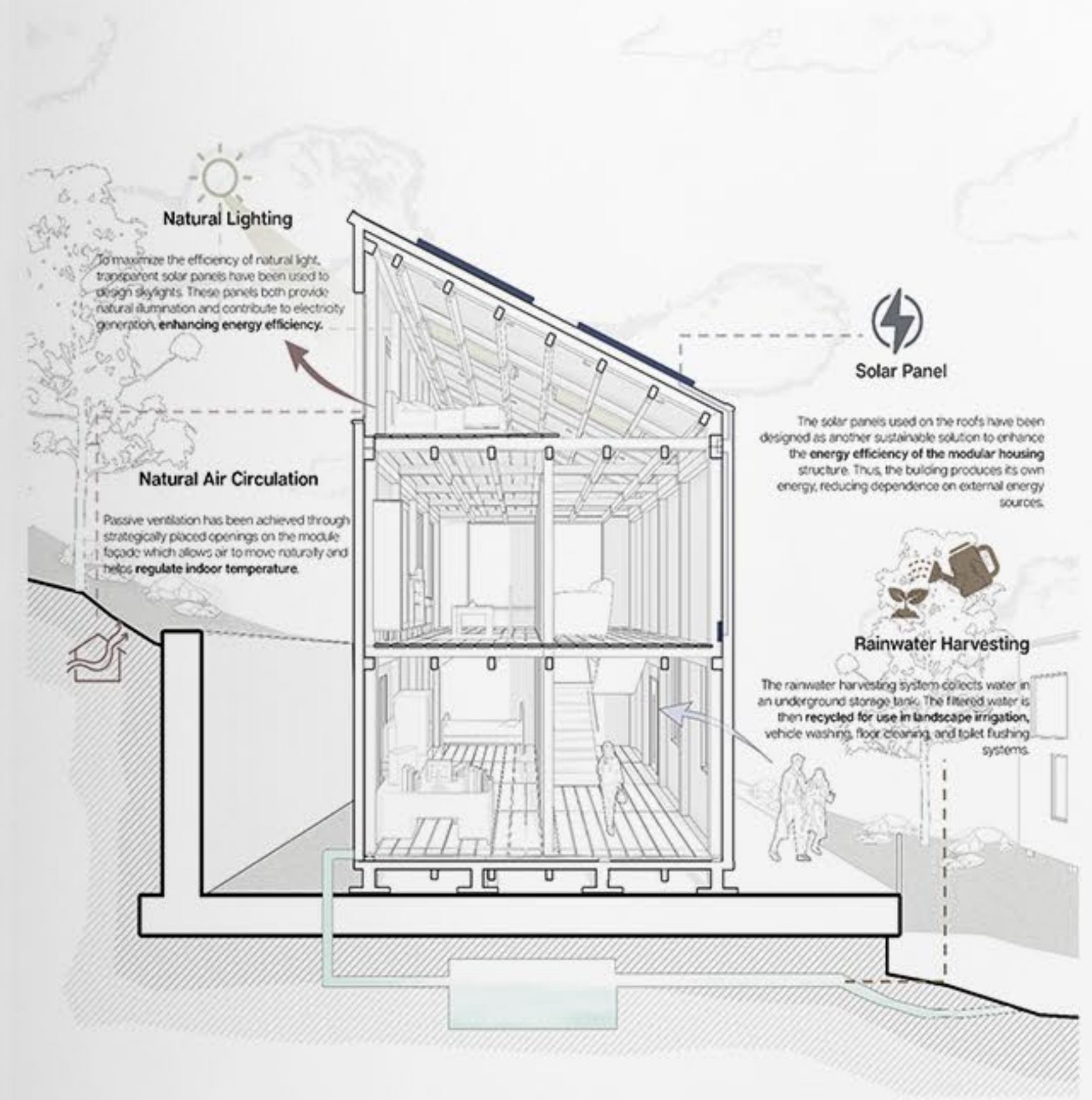


Vivant

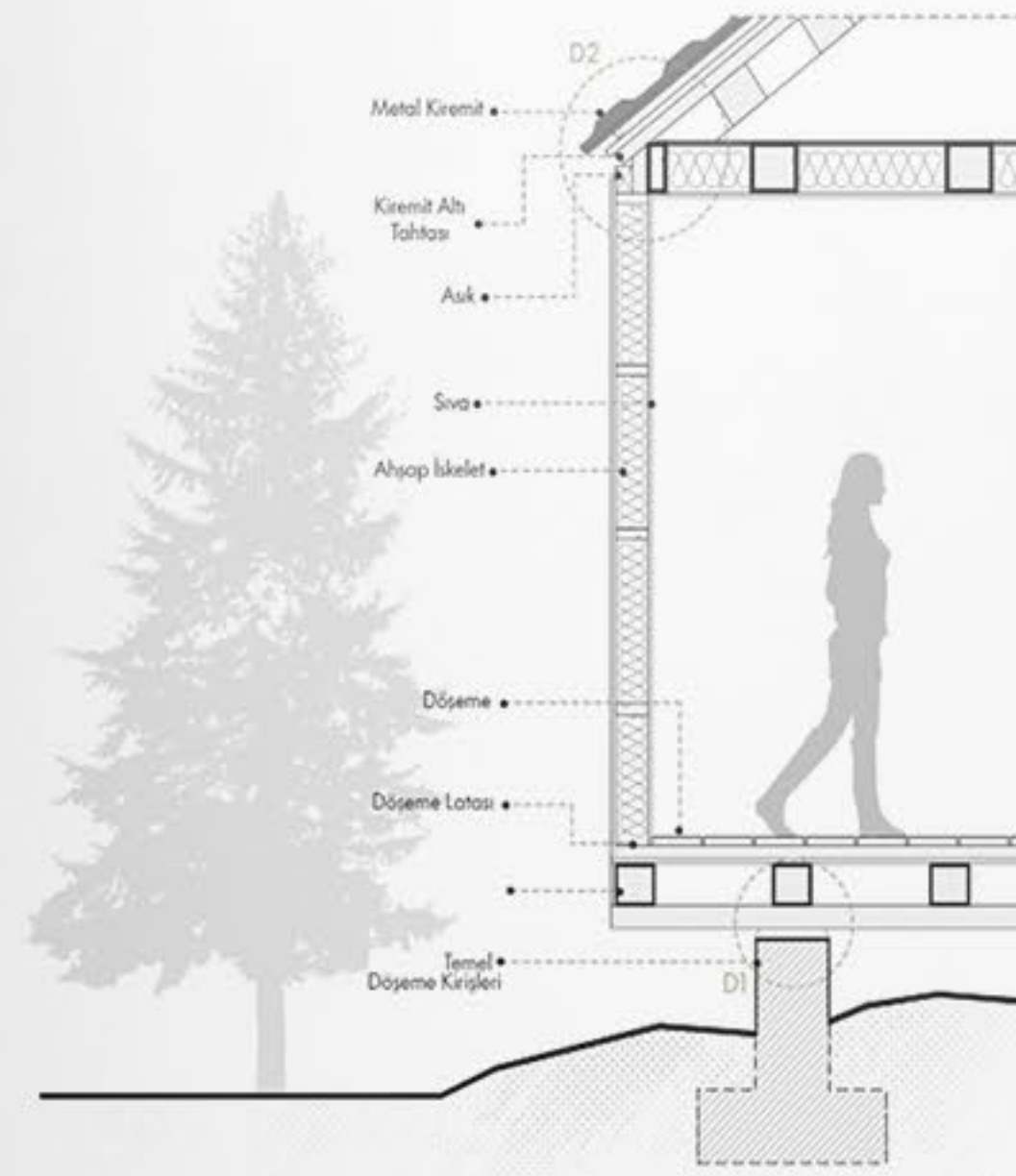
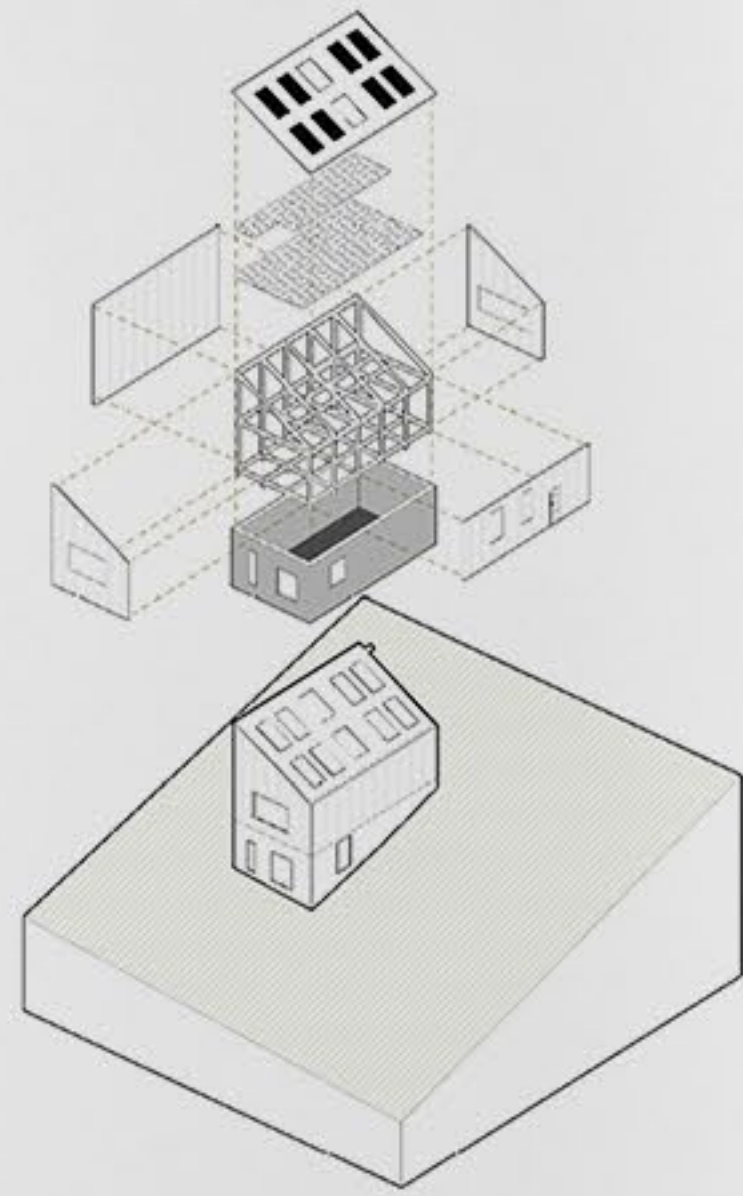




Community and cultural integration are also key aspects, with the design incorporating local art and craftsmanship to celebrate cultural heritage and support local artisans.



Ecological transparent solar panels placed on the roofs not only generate electricity directly from sunlight but also enhance daytime living comfort through natural lighting.



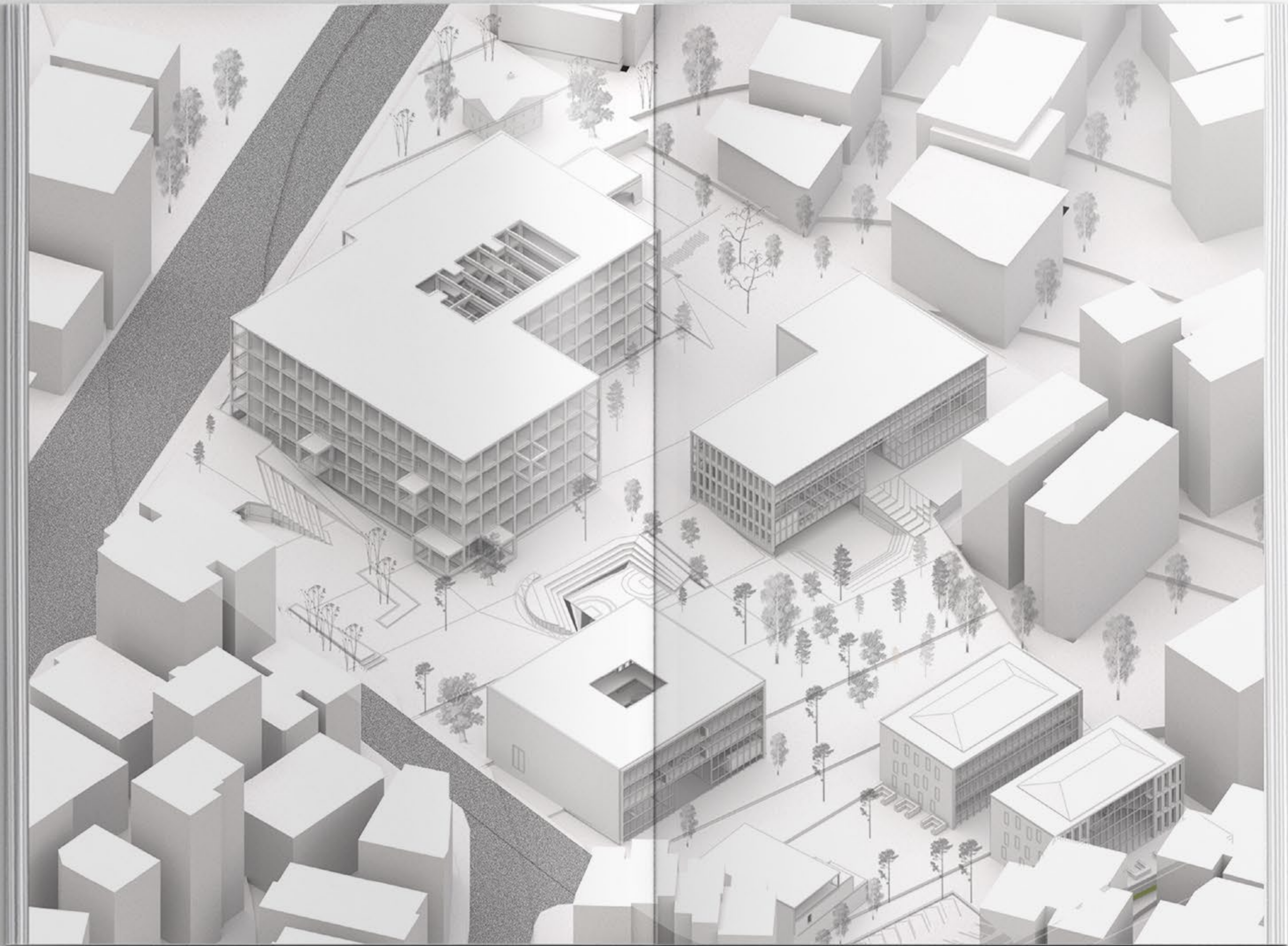
401 Design  
Project

# 3 Fine Art Faculty

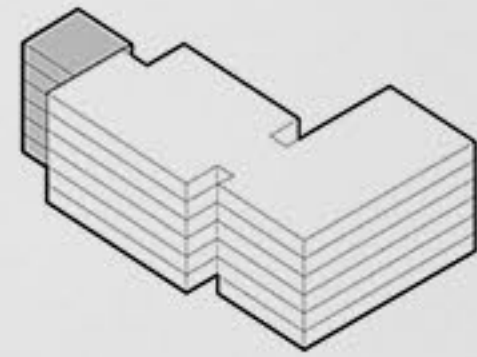
Faculty complex which blends **nature  
landscape** with university users.

This faculty complex harmoniously integrates architecture with its surrounding natural landscape, creating a fluid transition between built and green environments. The rhythmic façade, composed of vertical concrete elements and transparent glazing, provides both structural clarity and visual permeability. Open courtyards and green pockets are strategically positioned to invite daylight into the interior while promoting social interaction among university users. The design emphasizes sustainability and openness, fostering a welcoming academic atmosphere that encourages collaboration, reflection, and engagement with nature.

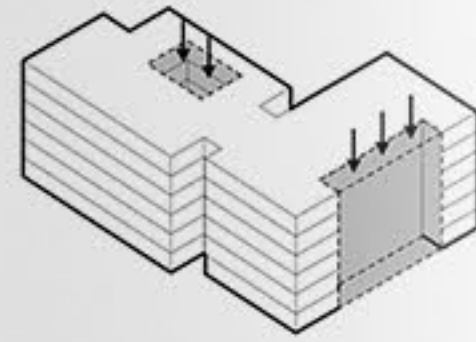




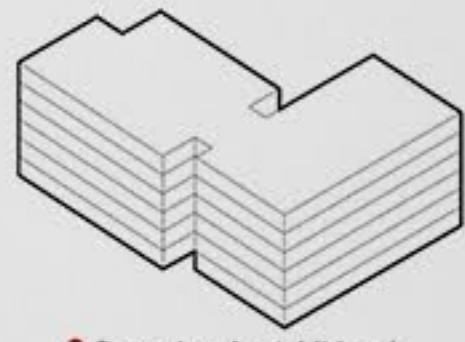
Concept Approach to Existing  
Faculty Building



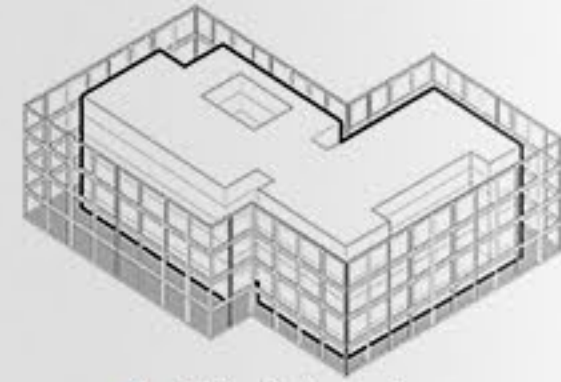
1 Existing Faculty Building



3 Opening the Gallery Spaces



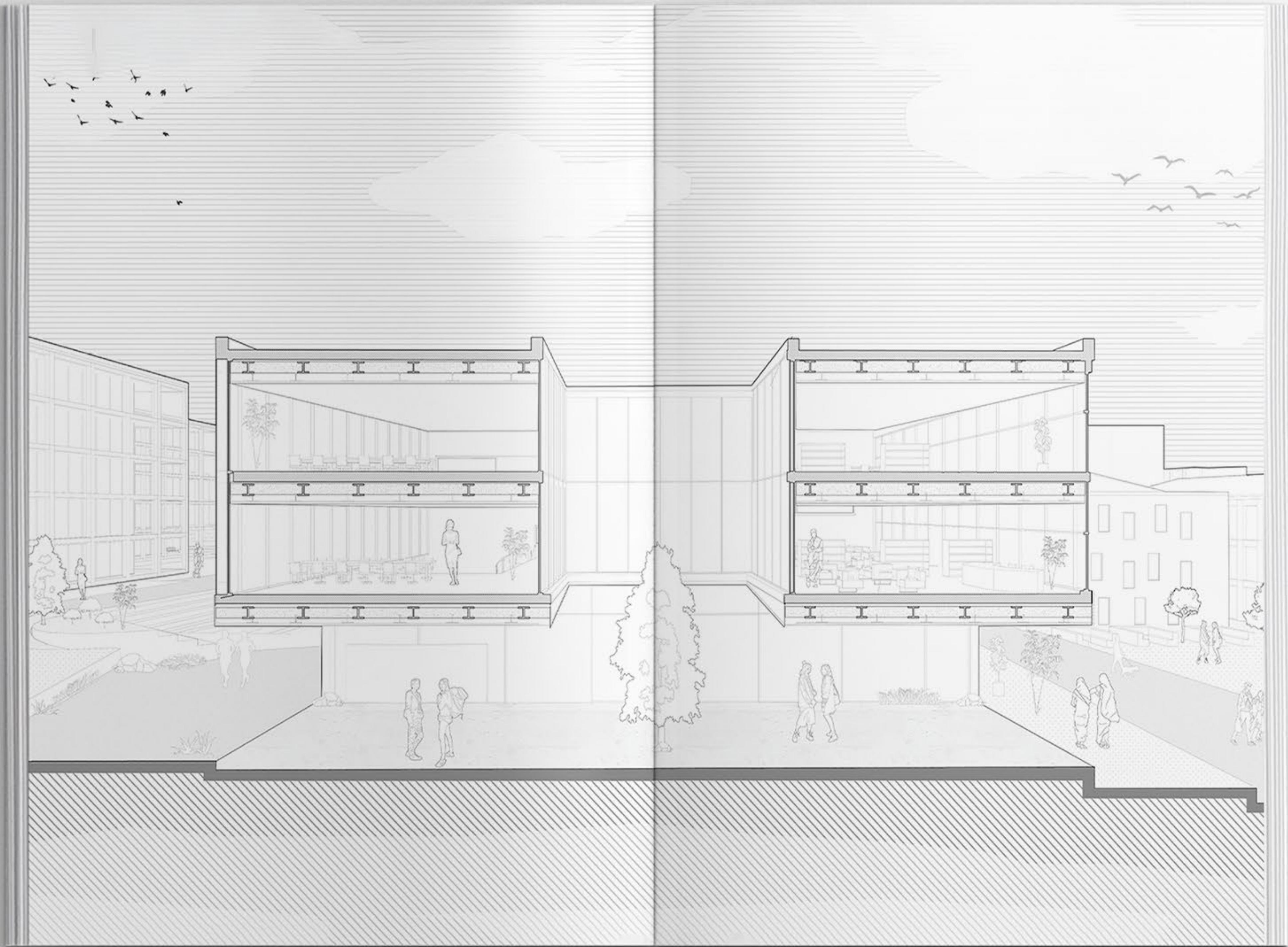
2 Removing the Additional Construction

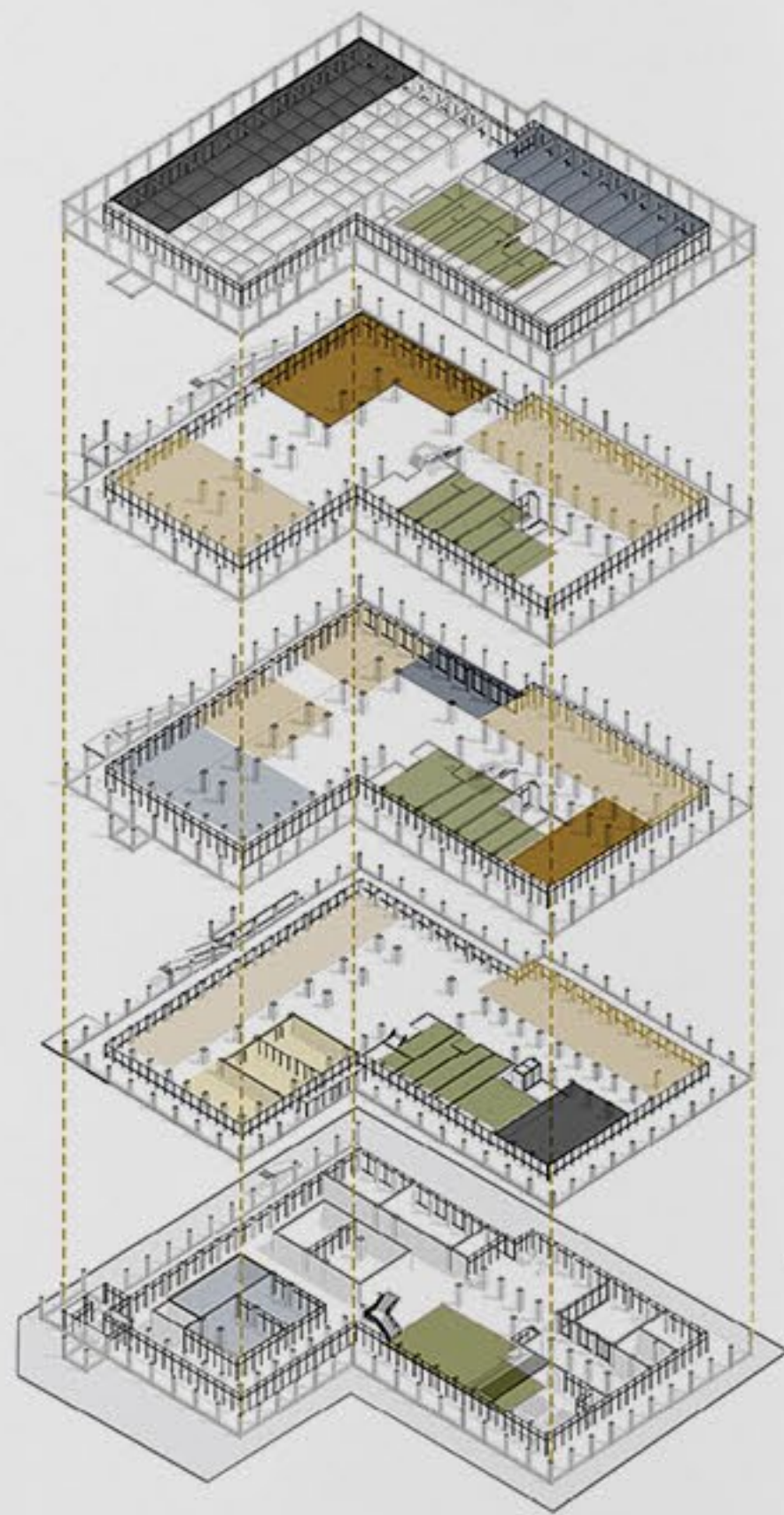


4 Adding Shelter to Create Semi Open Spaces









**Terrace**

- EXHIBITION ●
- SOCIAL AREA ●
- GALLERY SPACE ●

**3. Floor**

- STUDIOS ●
- MULTI PURPOSE ●
- SOCIAL AREA ●
- GALLERY SPACE ●

**2. Floor**

- MULTI PURPOSE ●
- STUDIOS ●
- SOCIAL AREA ●
- GALLERY SPACE ●

**1. Floor**

- STUDIOS ●
- SOCIAL AREA ●
- TEACHERS OFFICE ●
- GALLERY SPACE ●

**Ground**

- EXHIBITION ●
- STUDIO ●
- SOCIAL AREA ●
- GALLERY SPACE ●



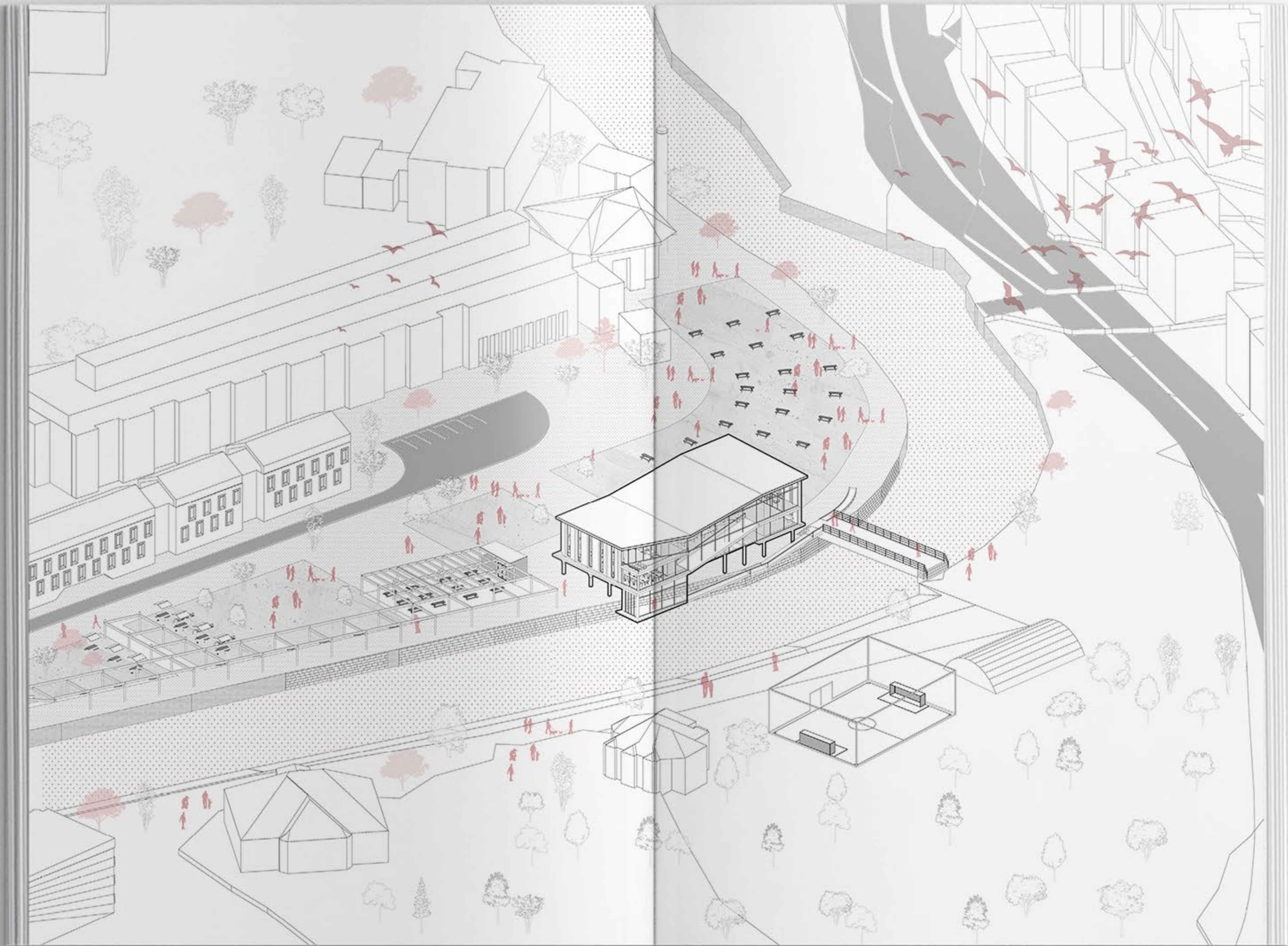
302 Design  
Project

# 4 Experience Ment

A community-center project that redefines **public engagement** through spatial openness and a sensitive connection to its surrounding environment.

Its ground floor operates as an extension of the urban fabric—welcoming users into a shared space that encourages gathering, dialogue, and cultural activity. The architecture engages directly with its natural context, particularly a nearby water element, using reflective surfaces, terraces, and transitional thresholds to create a calm yet dynamic atmosphere.







#### SITE APPROACH

Site area was shaped by context of Haliç



#### RAISING FROM GROUND

Site area was shaped by context of Haliç



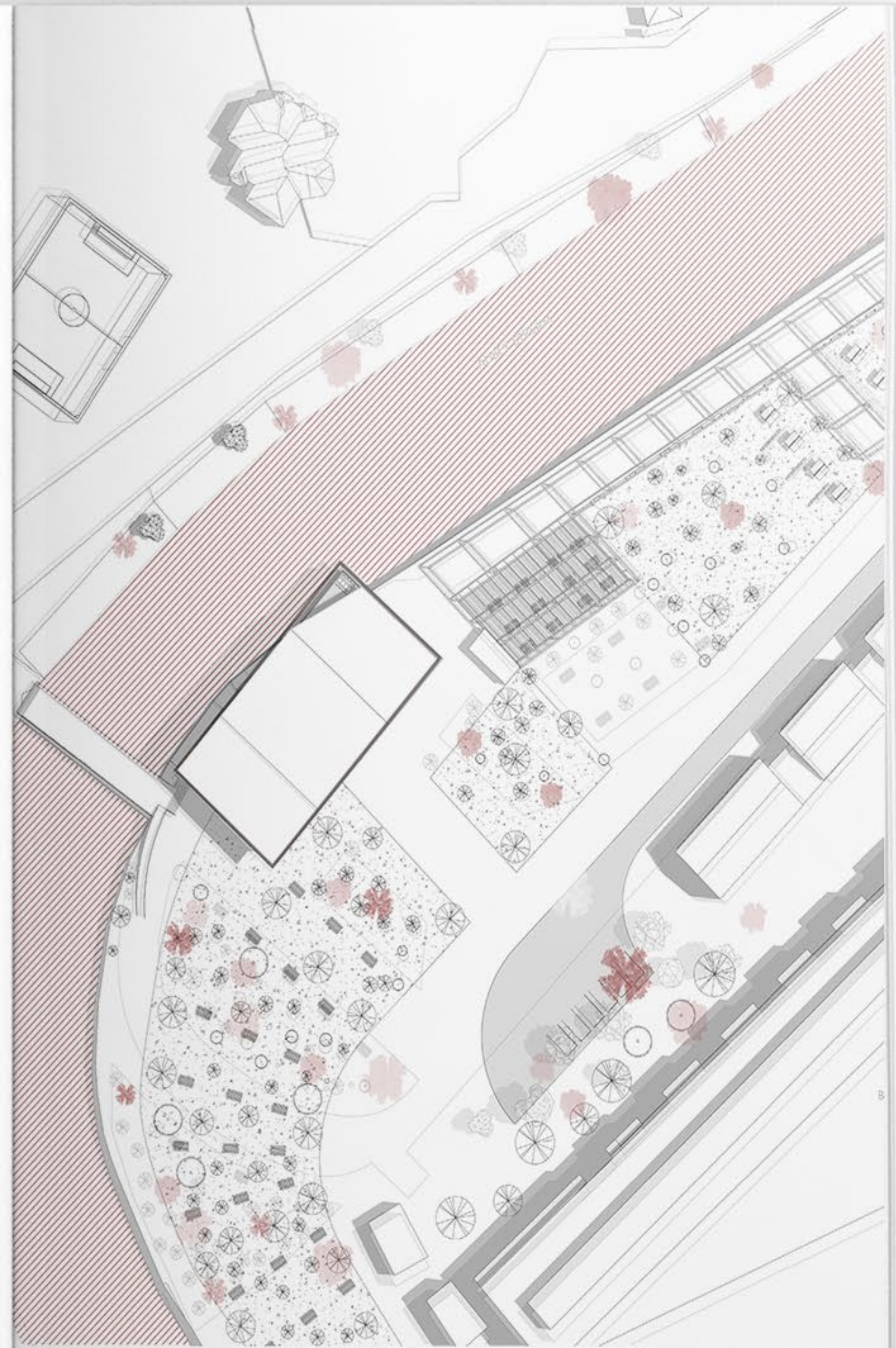
#### ROOF FOLLOWS RAMPS

Site area was shaped by context of Haliç

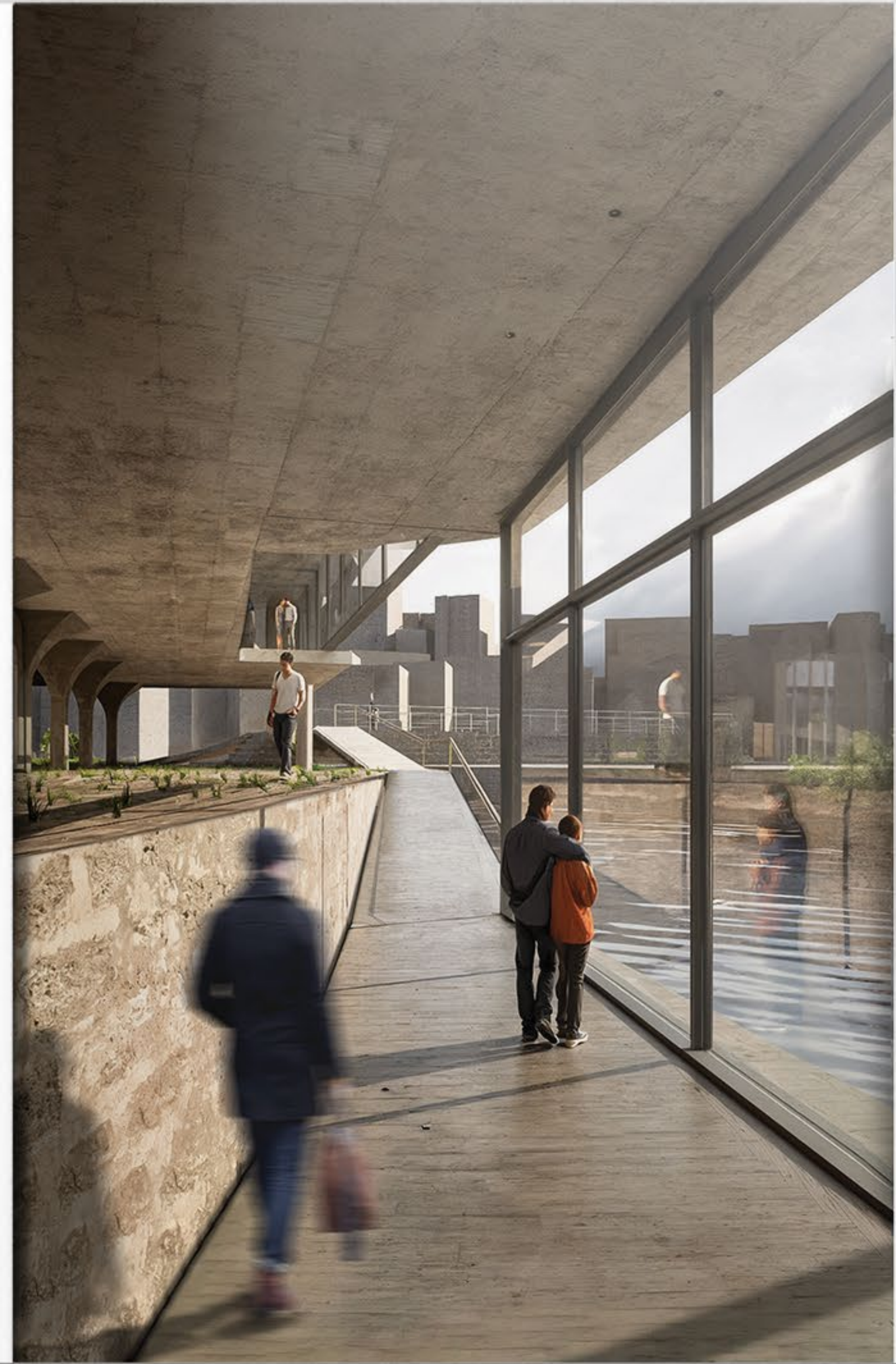
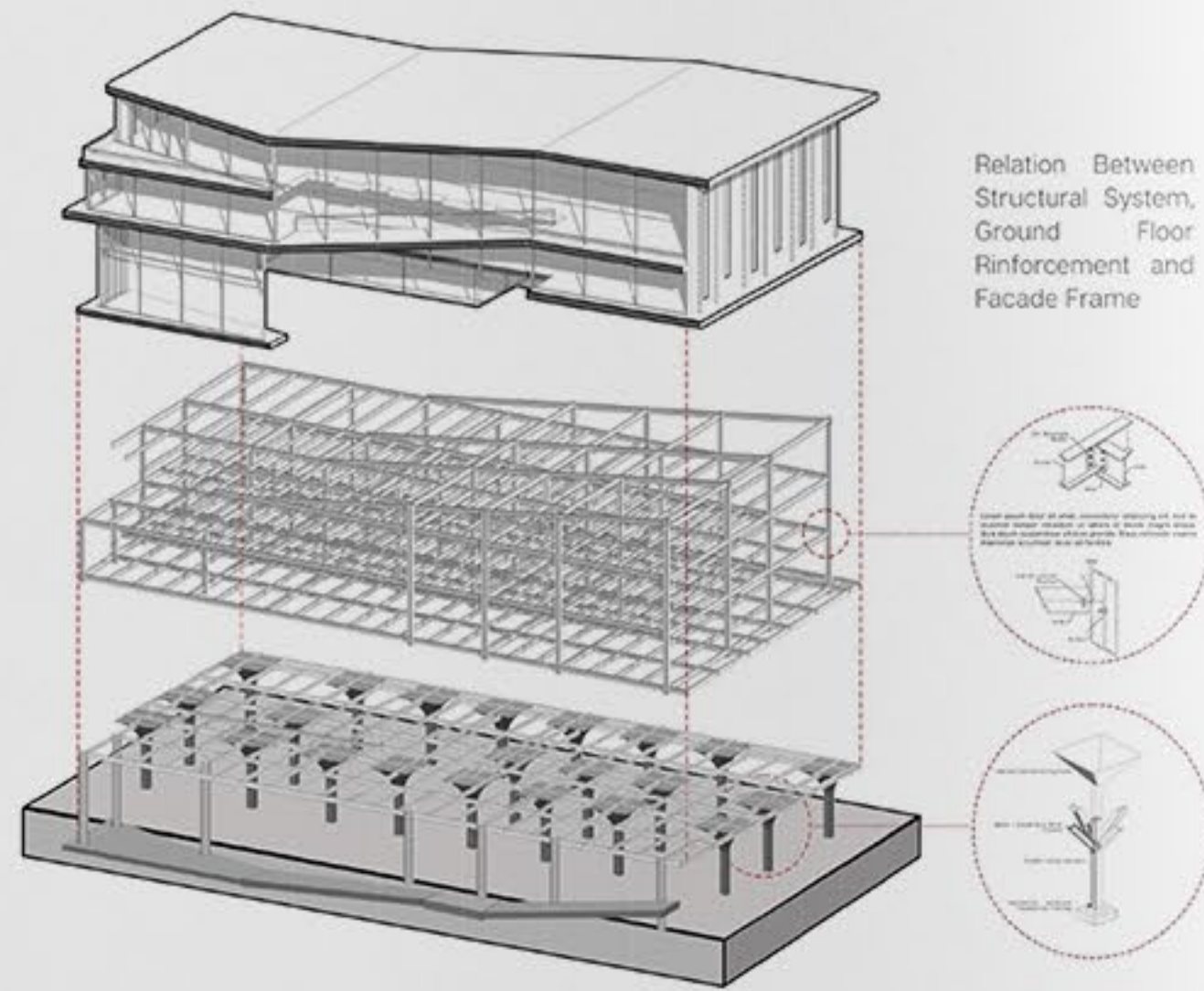


#### FRACTURE TO WATER

Site area was shaped by context of Haliç



## STRUCTURAL DIAGRAM



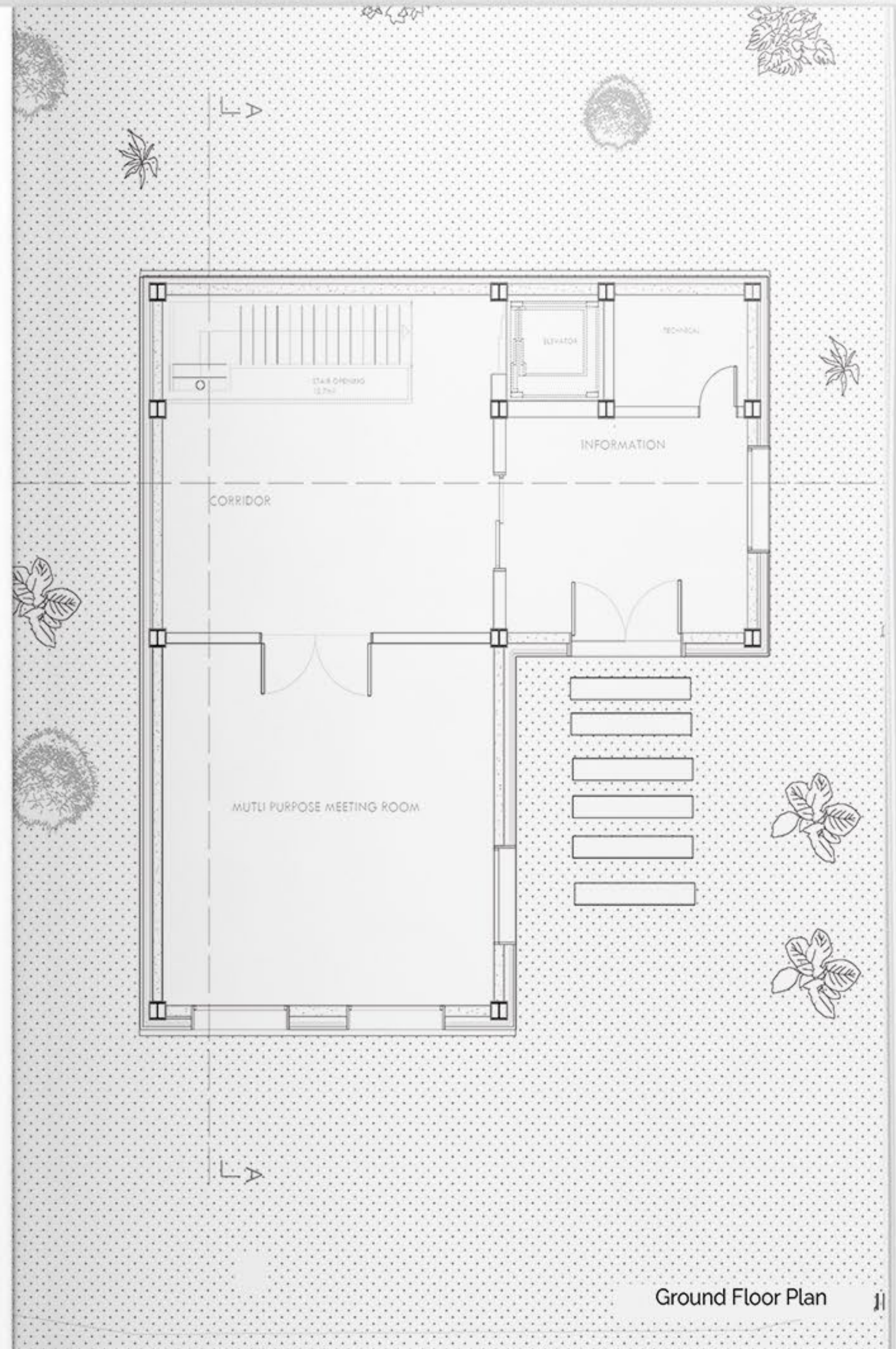
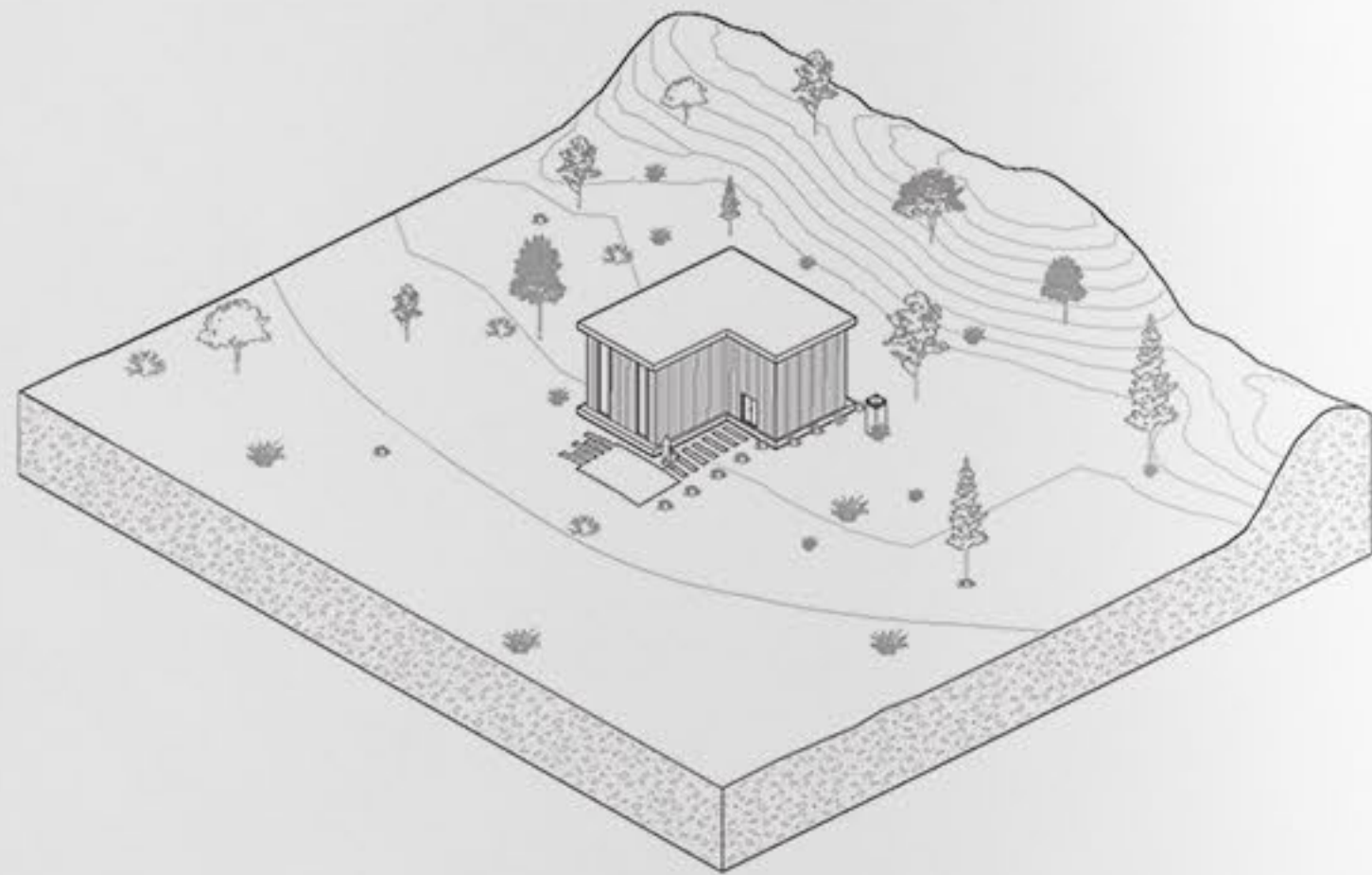
Construction  
Project

# House BA

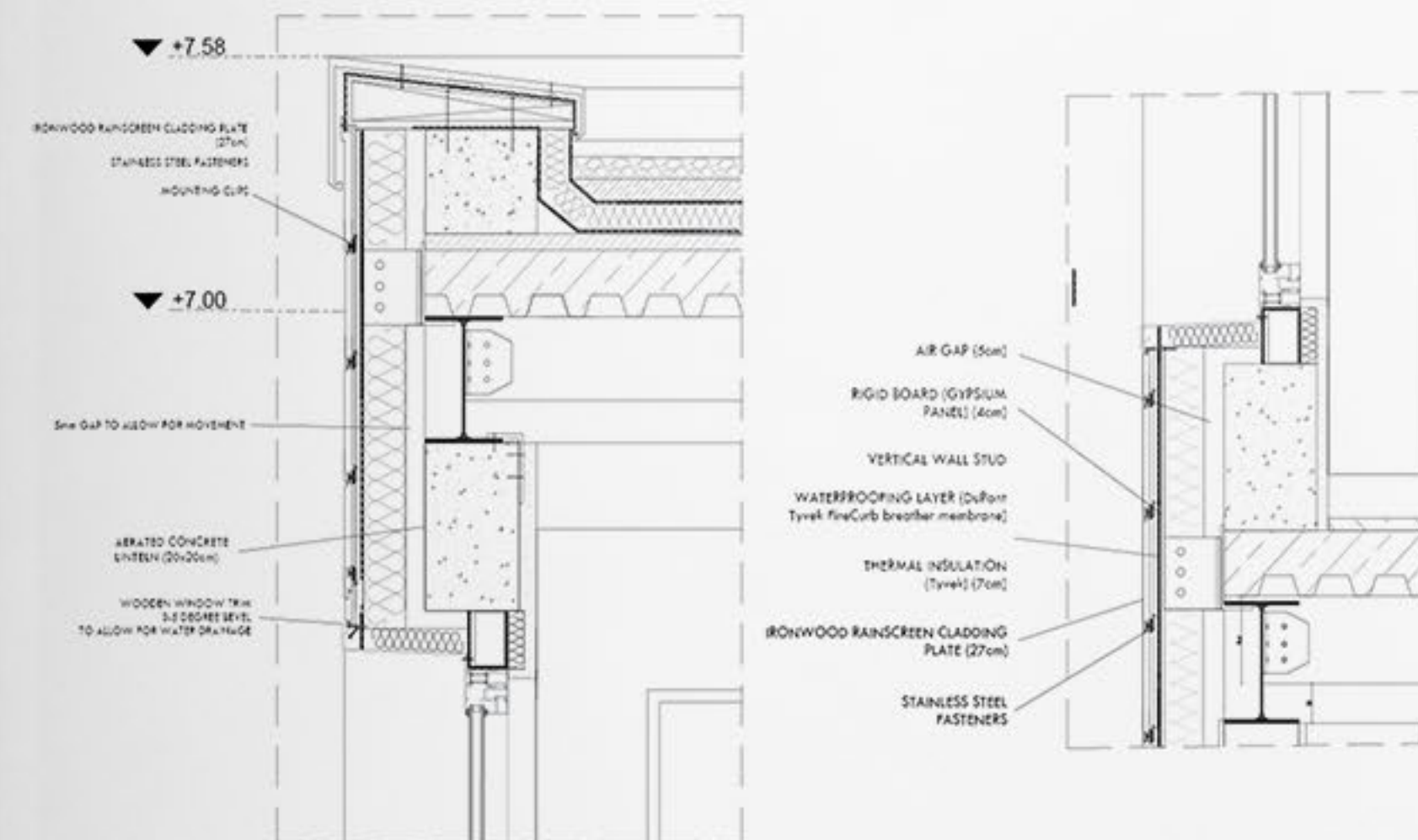
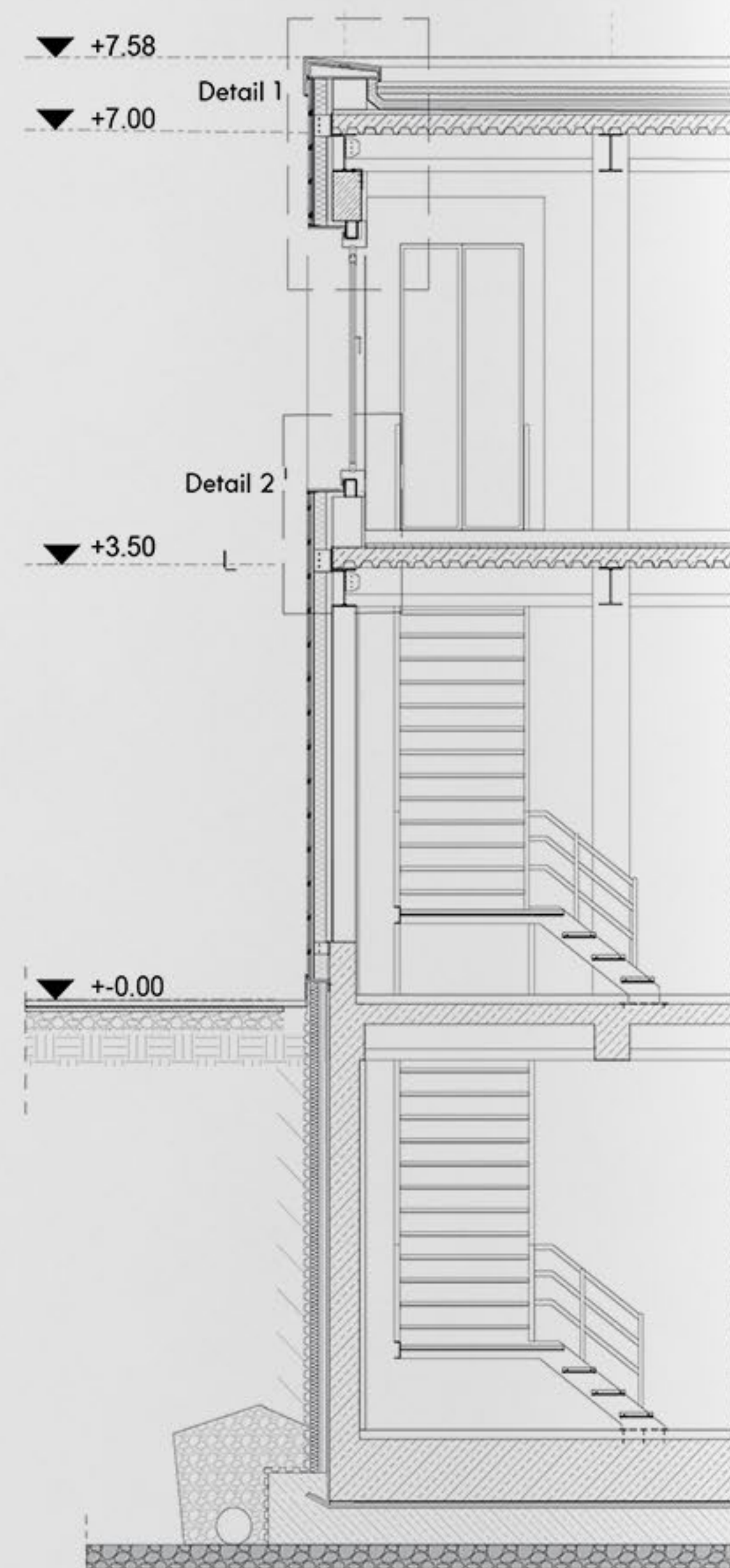
The project aims to solve both **functional needs** which are residential and offices.

The architectural technical project is designed to address dual functional requirements by integrating both residential and office units within a cohesive spatial organization. The design strategy focuses on creating a clear separation of public and private zones while maintaining spatial fluidity and user comfort.





Ground Floor Plan ||



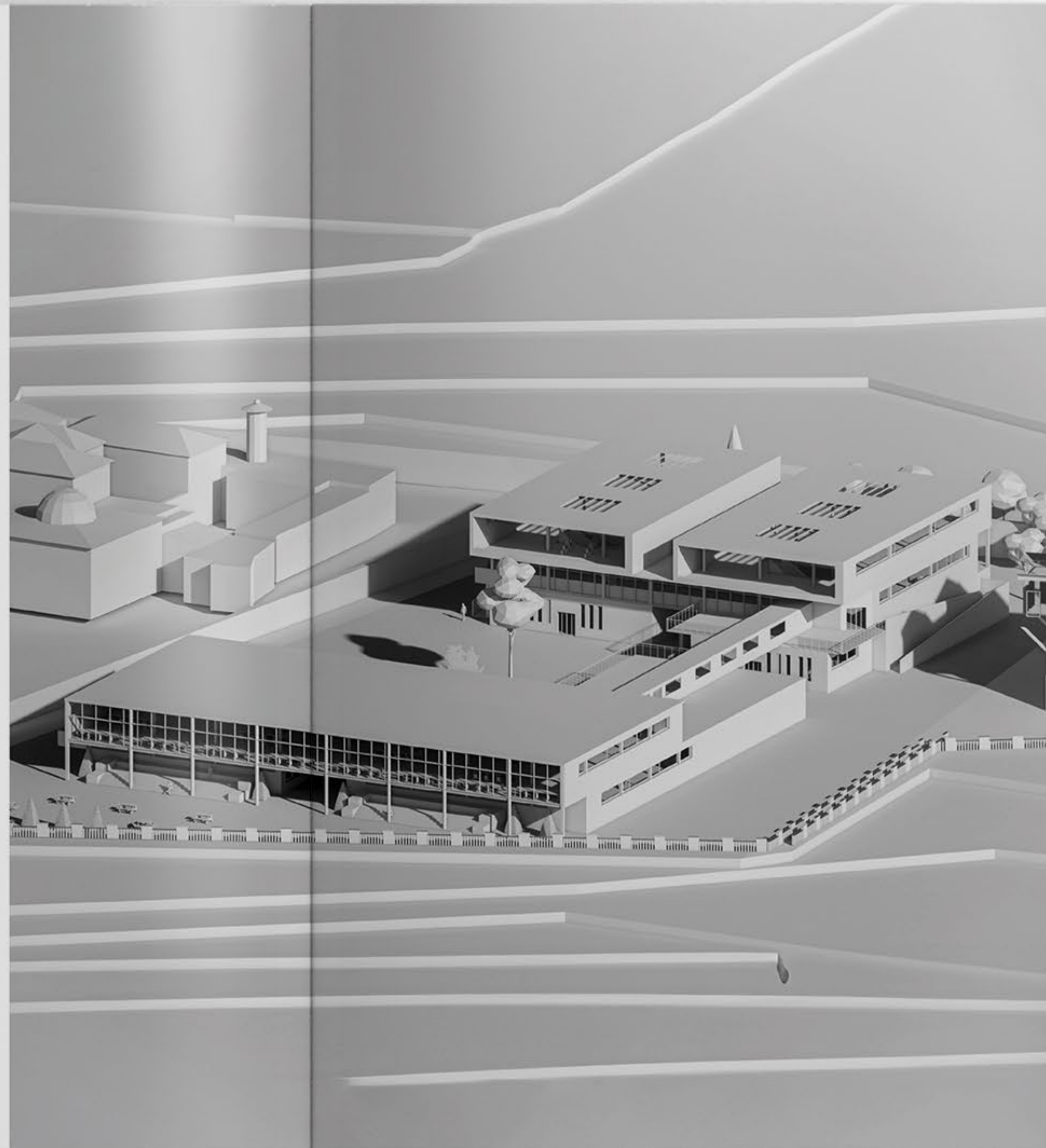
The openings of building are decided according to the site properties. The construction details are designed with the thinking of materials and functions.

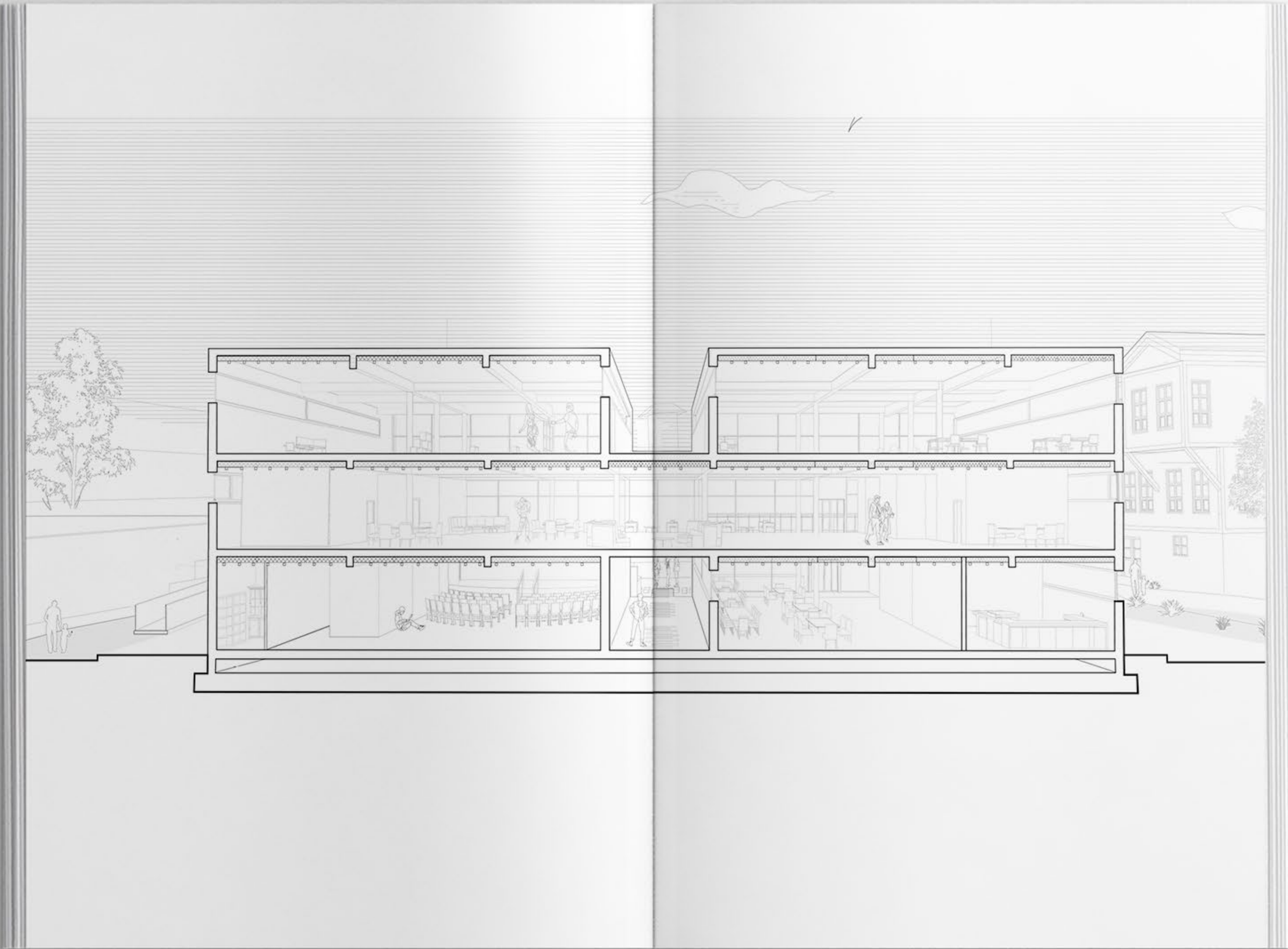
301 Design  
Project

# Library Nap

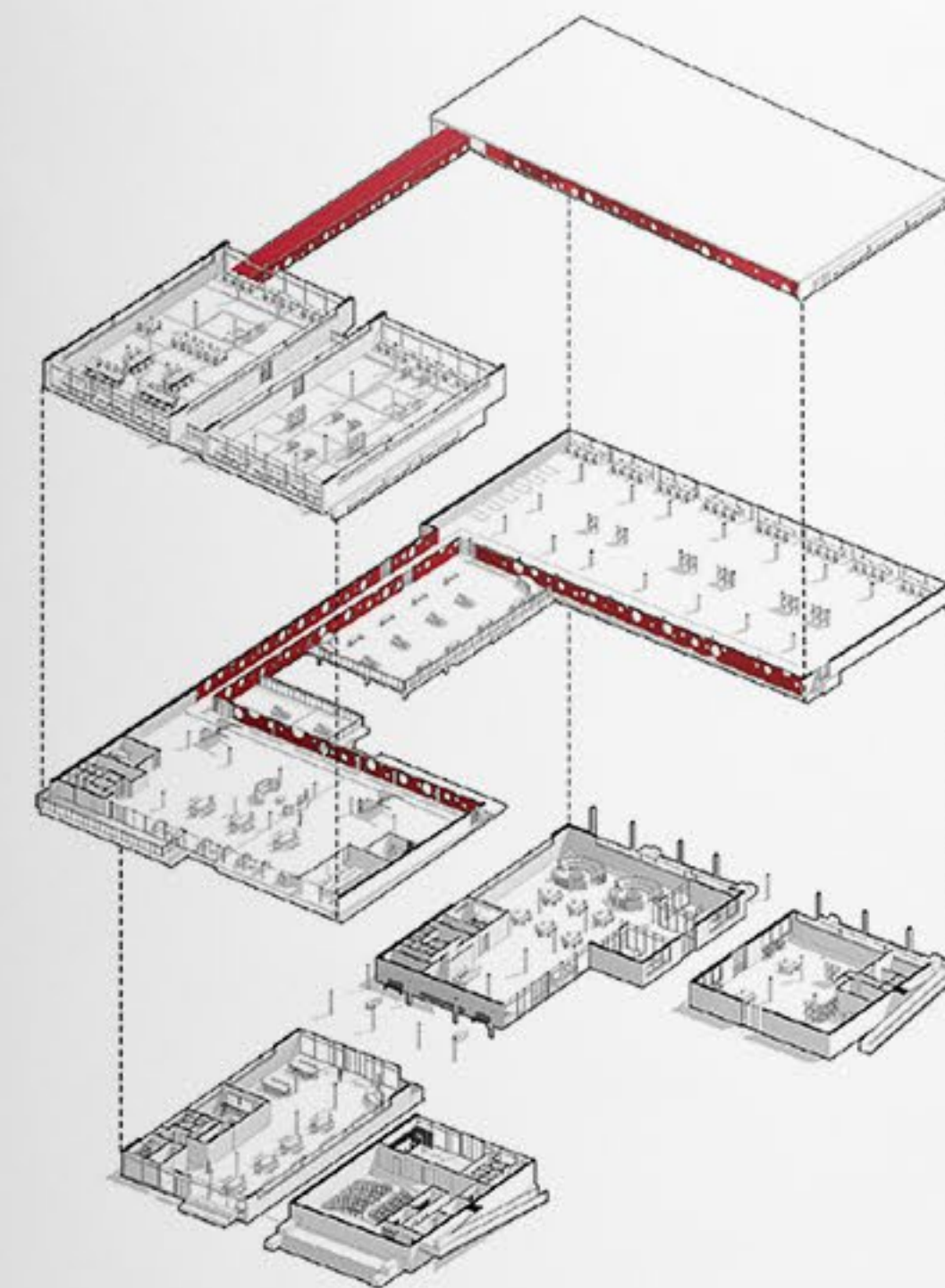
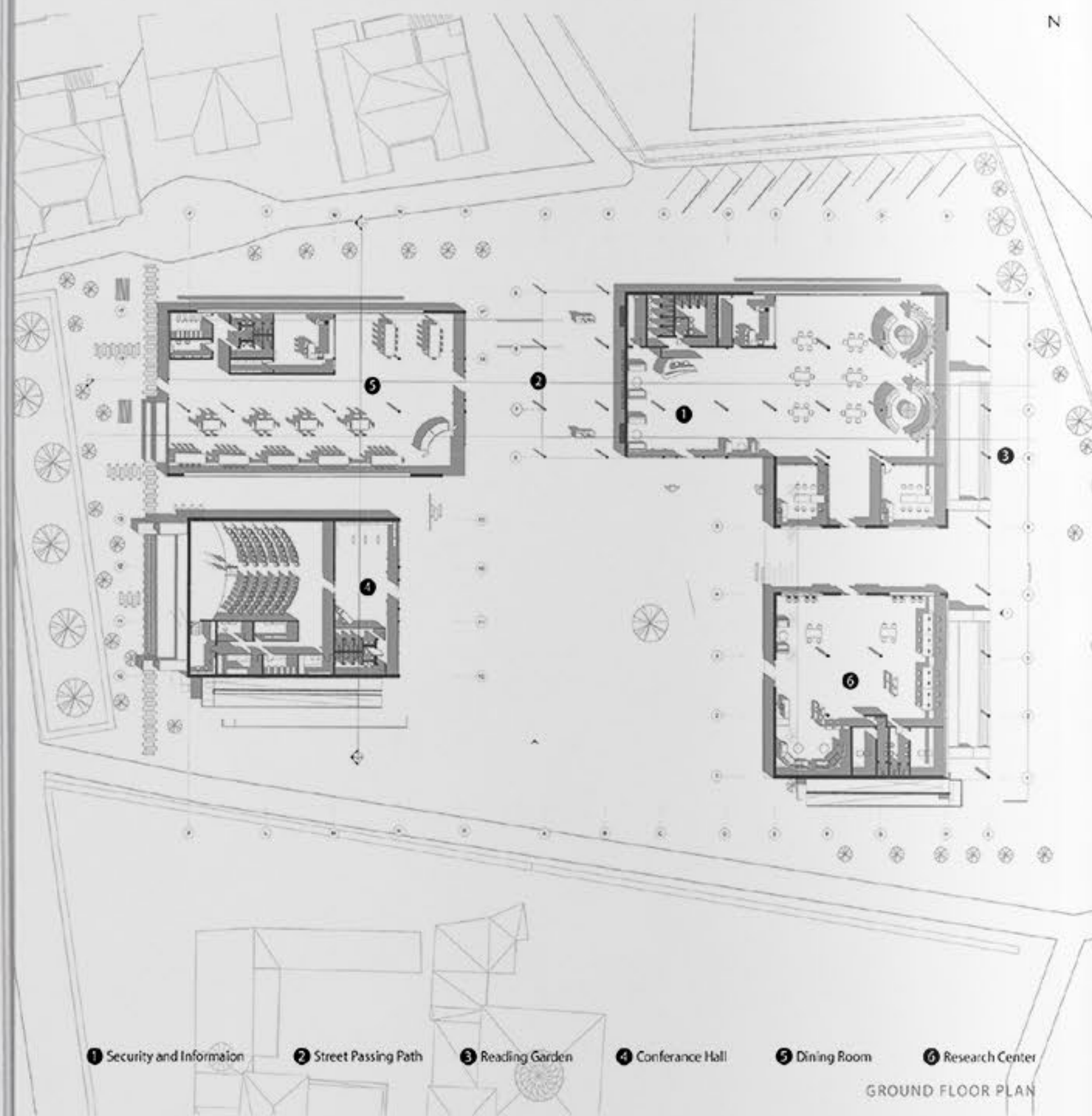
The program not only supports academic needs but also responds to **mental health and comfort**, offering a holistic approach to public space.

The Nap Library Project, located in Merkezefendi, is designed as a multifunctional public space that combines the tranquility of a library with the comfort of designated resting areas. The architectural concept focuses on enhancing user well-being by integrating reading zones, silent study pods, and nap modules within a calm, nature-oriented environment.









The red band provides connection between the masses and street with gives users the view of all the angles of site

On the first floor, library and terraces are considered to express the feeling of spatial freedom while studying.

Public areas are designed in the ground floor to attract people hanging around. Also, the programs are separated from each other in terms of massing for maximum open space capability.

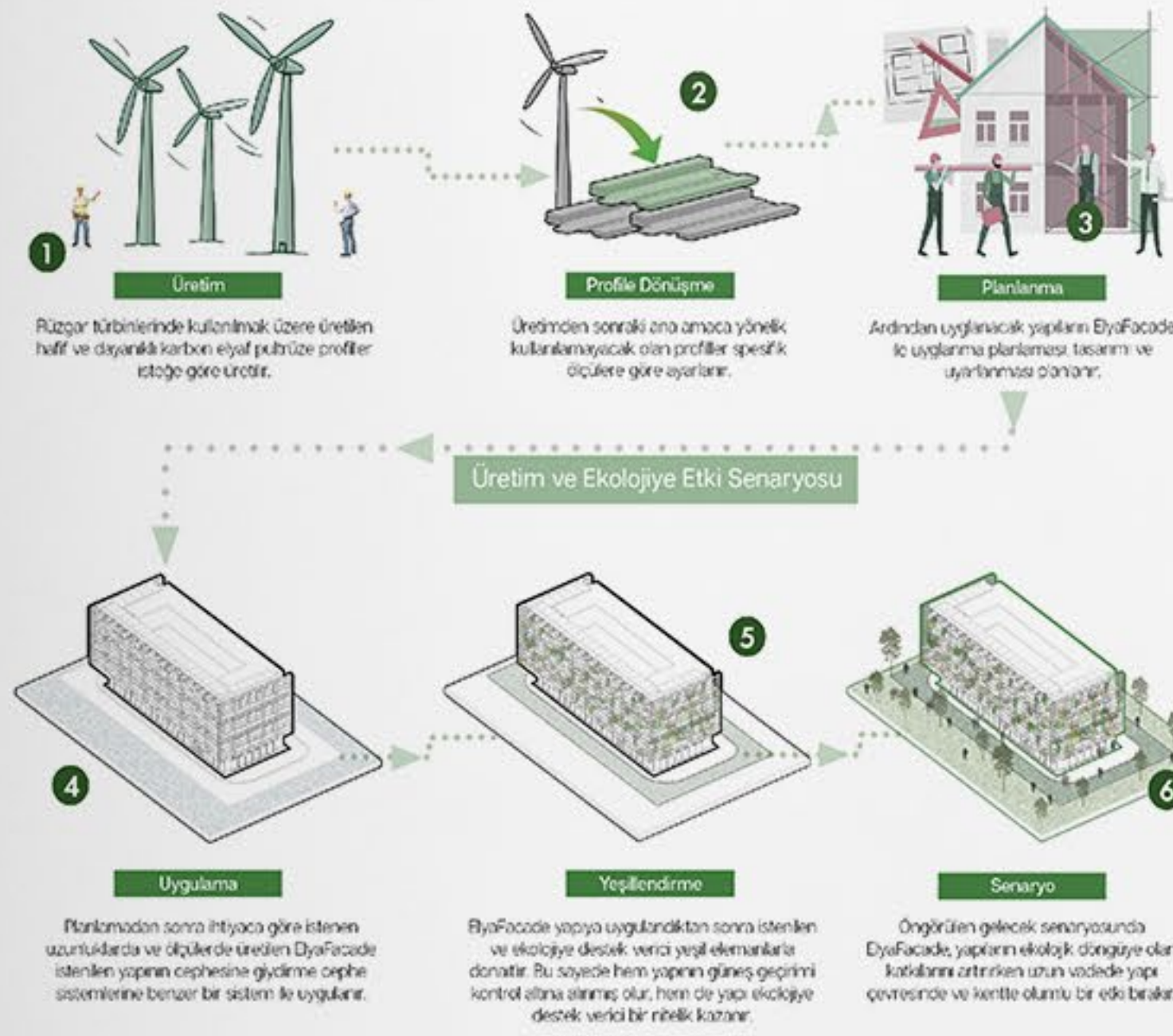
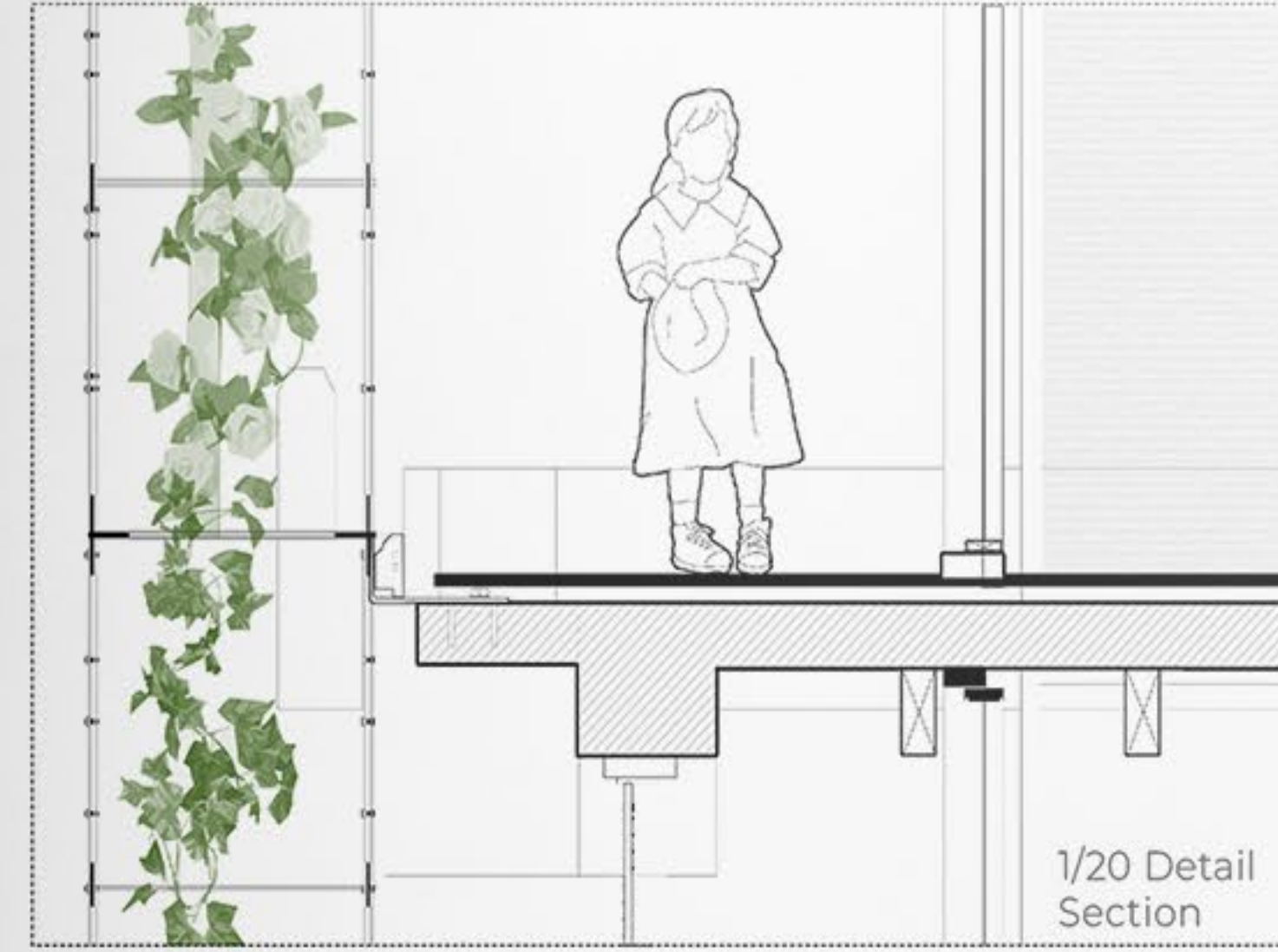
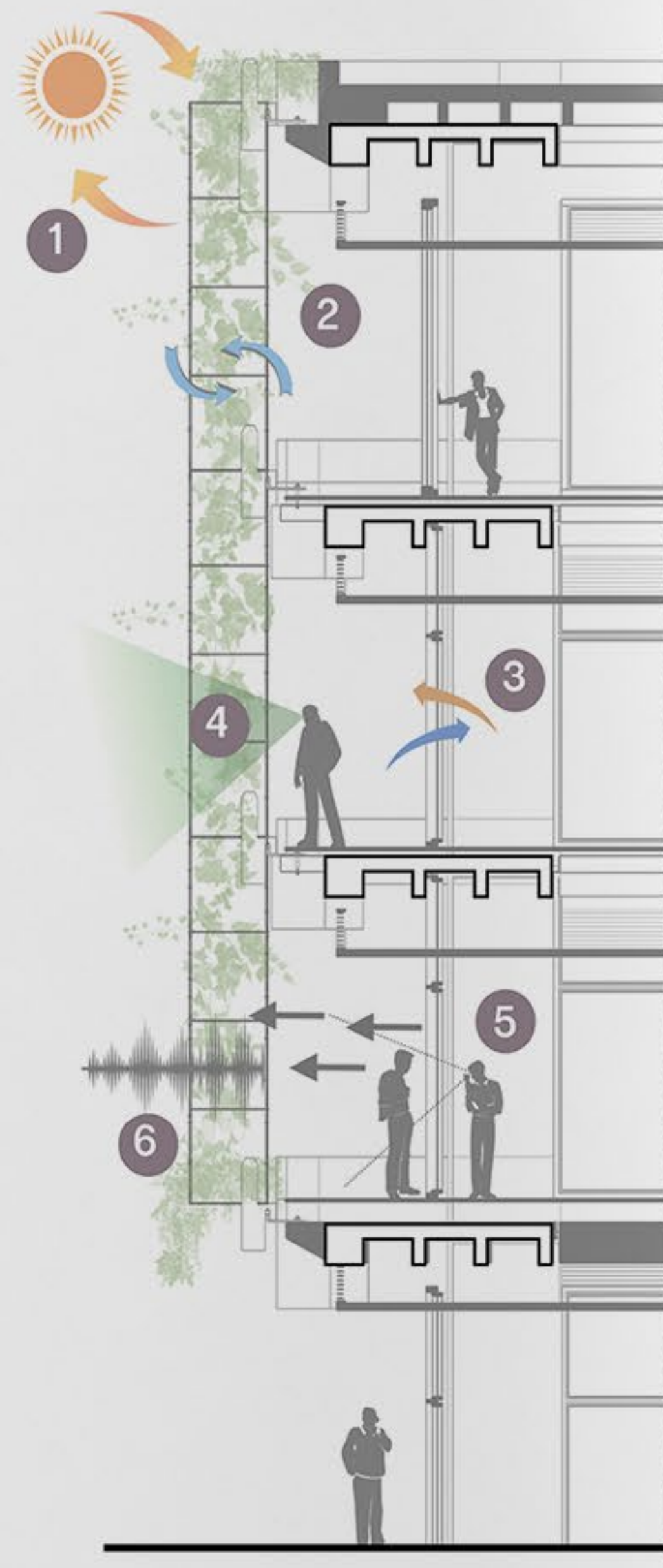
**Awarded**  
Competition Project

# Elya Façade

The rhythm of solid and void creates a dynamic visual that responds to both interior functions and exterior orientation.

Elya's façade not only defines the architectural identity of the structure but also acts as a responsive skin adapting to seasonal changes and user interaction, ultimately forming a sustainable and expressive interface between the building and its urban context.







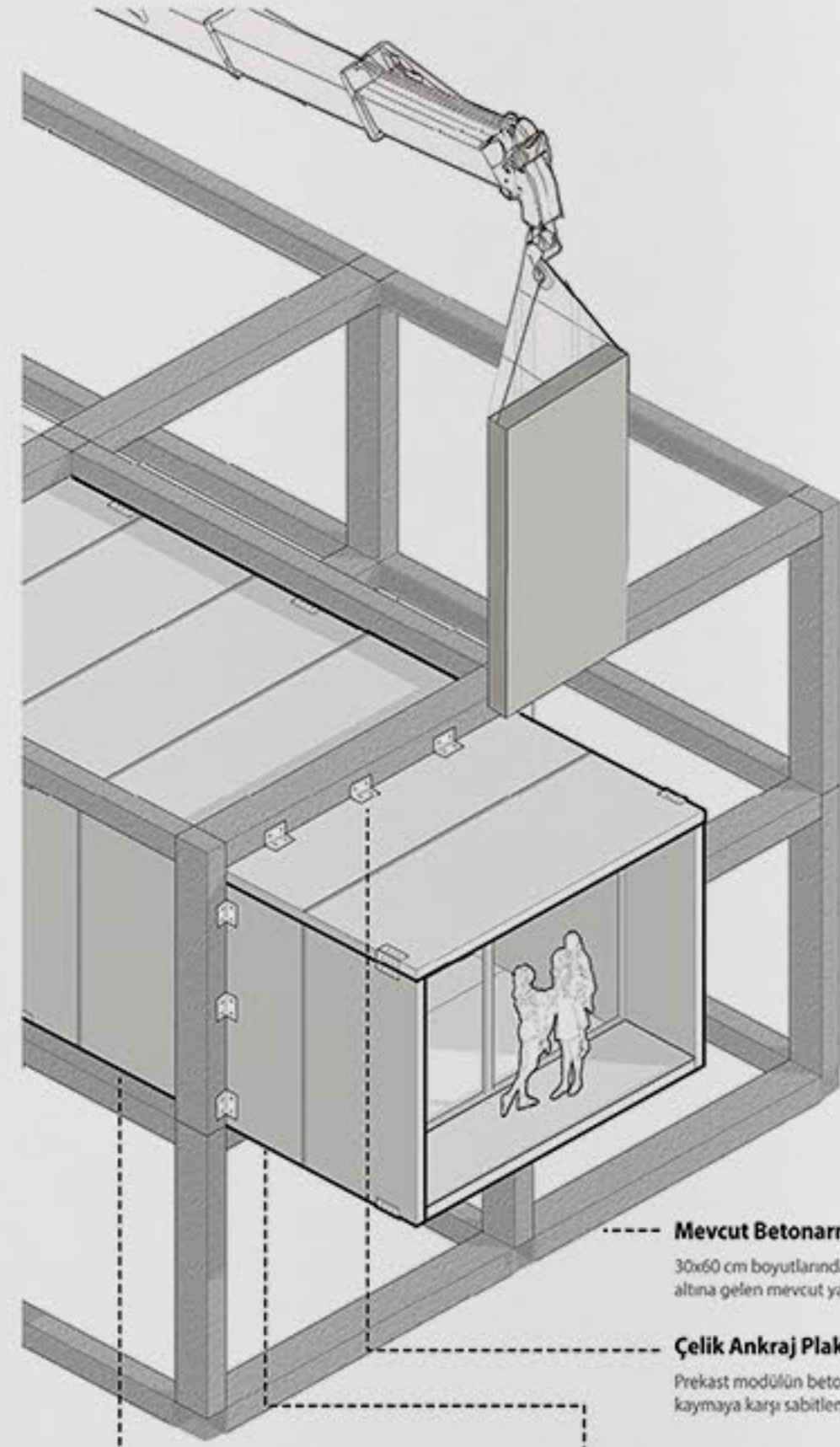
Competition  
Project

# Kent Kat

The precast modules, integrated onto the **preserved structure** through a plug-and-play system, create a **flexible living space** adaptable to different user scenarios.

Kentkat proposes a system in which the existing reinforced concrete frame is preserved and strengthened, and prefabricated housing modules made from recycled flooring materials are added on top. These modules, integrated into the structural frame with a plug-and-play principle, offer flexible and adaptable social housing units that can be diversified according to different user typologies. This spatial setup encourages social interaction and strengthens the relationship with urban memory.





**Mevcut Betonarme Kiriş**

30x60 cm boyutlarında varsayılan, modülün altına gelen mevcut yapı elemanı

**Çelik Ankraj Plakaları**

Prekast modülün betonarme kirişe yatay kaymaya karşı sabitlenmesi için kullanılır.

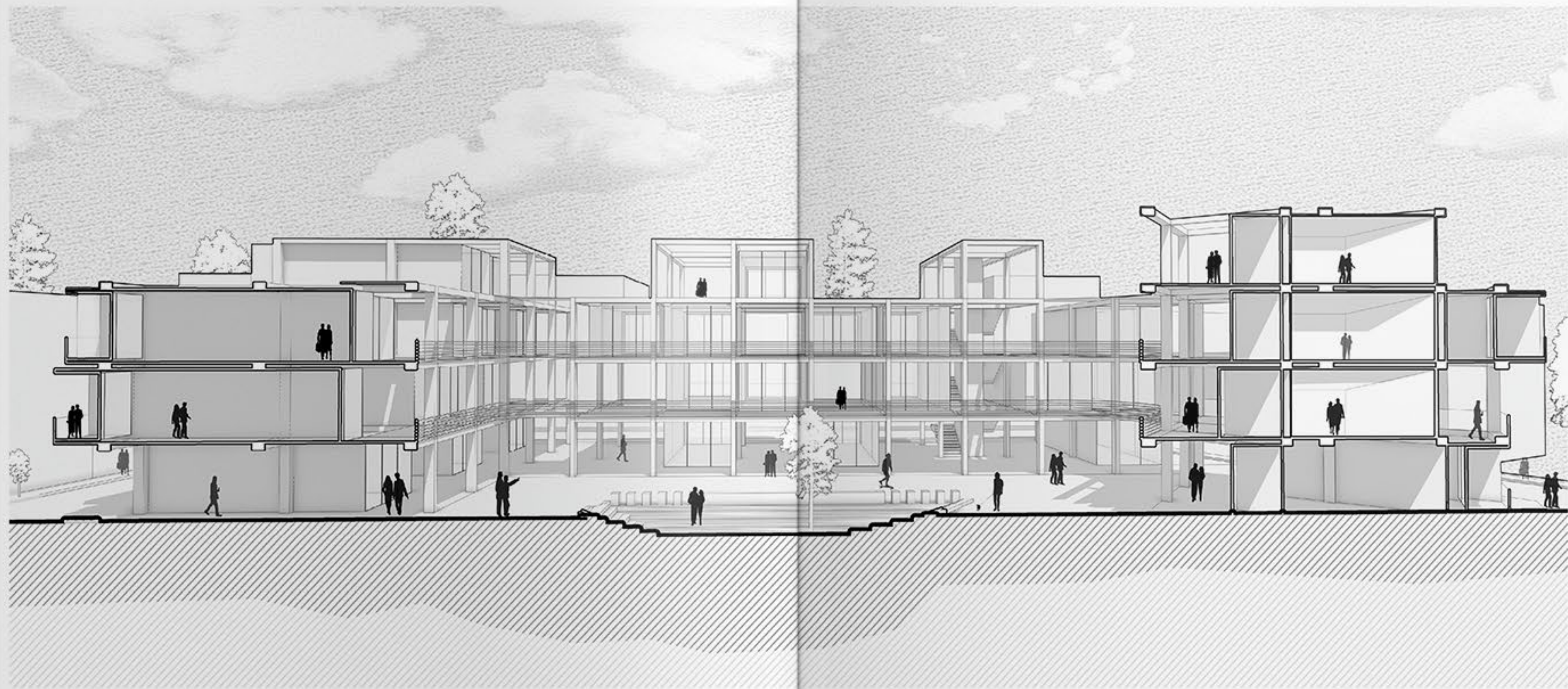
**Prekast Modül Alt Şasesi**

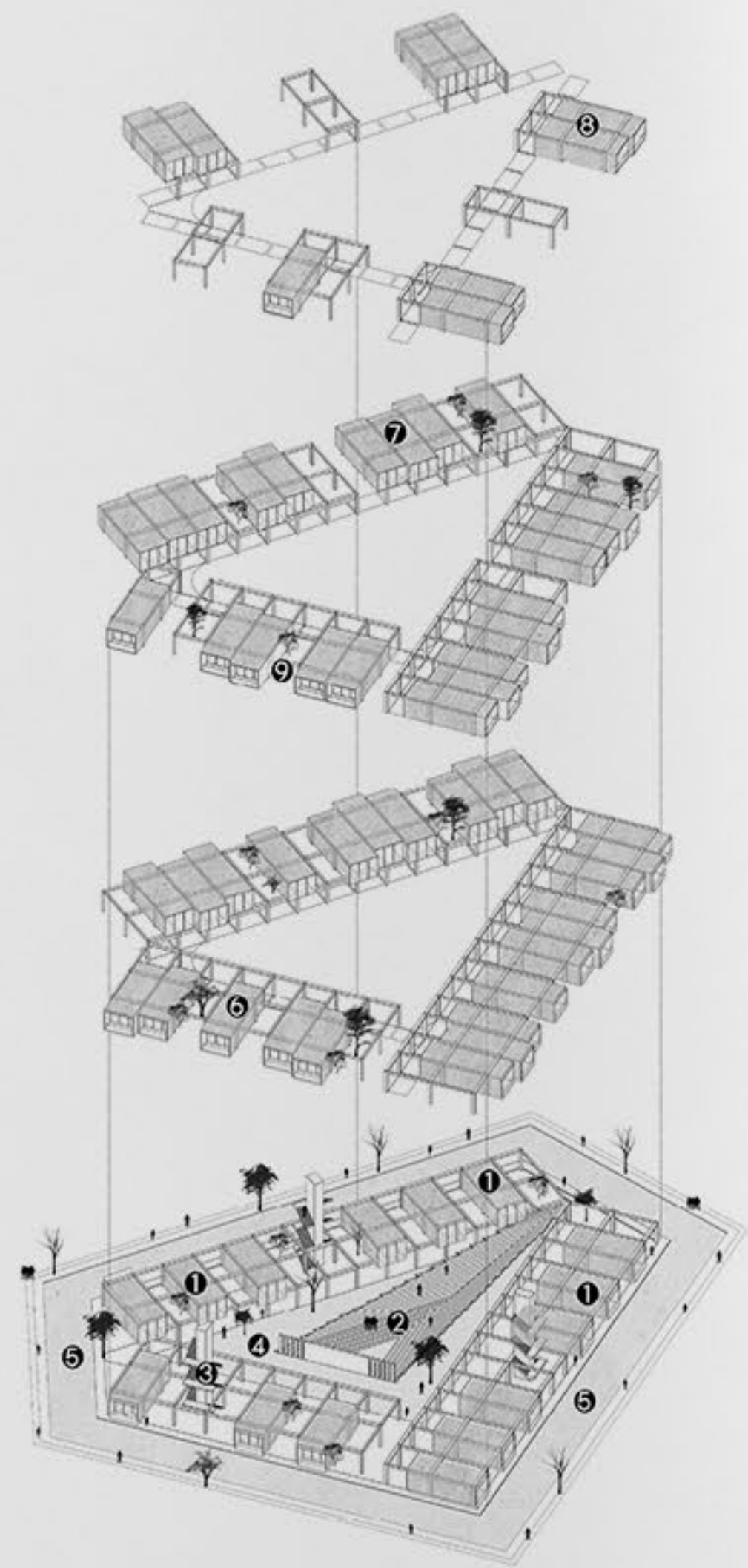
Şase 1,3x5 m boyutundadır, yapısal yükü kirişe aktaran ana alt çerçevedir.

**Kaymaz Neopren Yastıklar**

Kiriş ile prekast modül arasında ses ve darbe yalıtımı sağlar.







# Other Works

A few selected works that reflect my other passions and projects.

Several works of visualizations, diagrams and illustrations made for global freelance jobs.



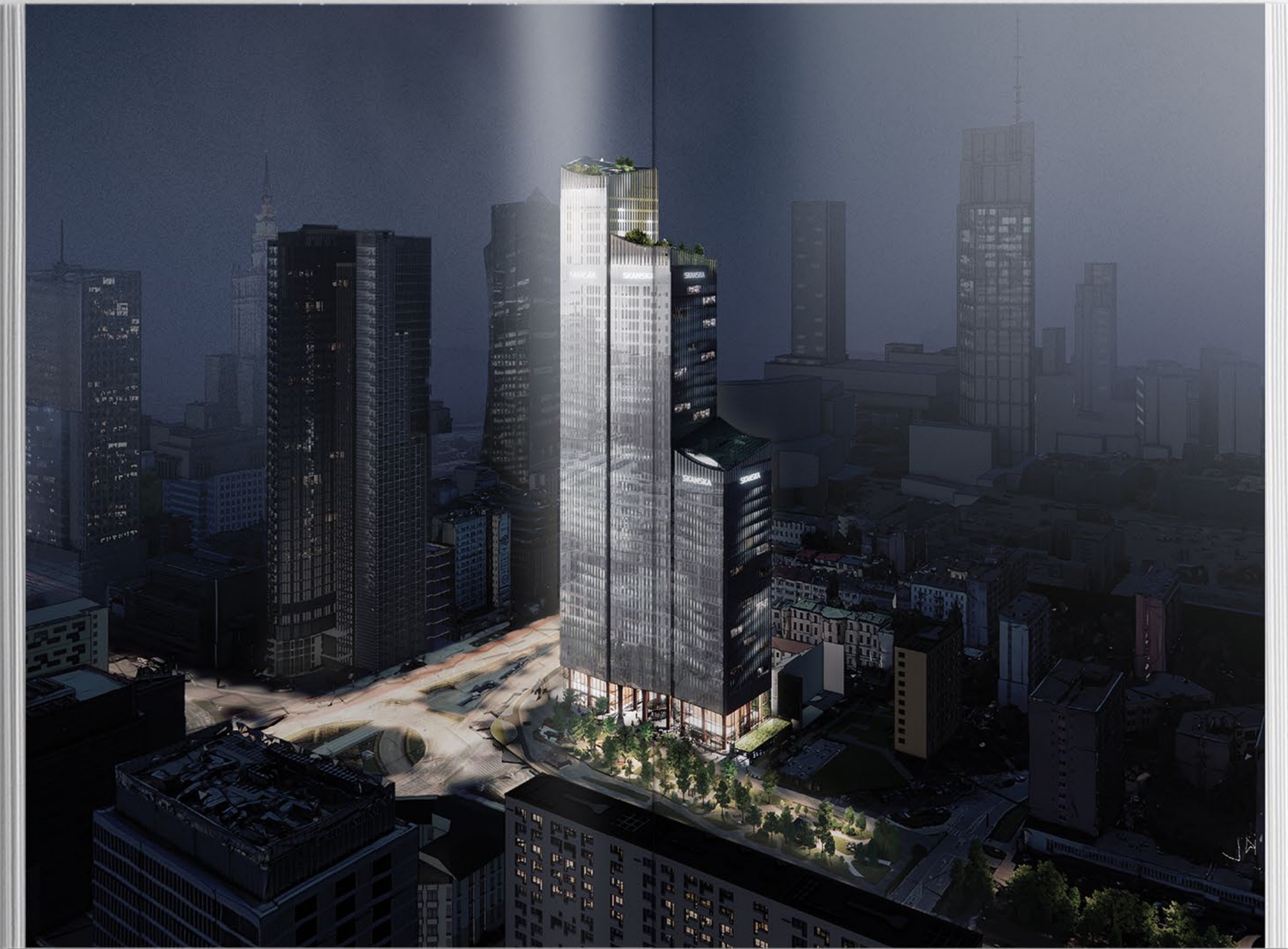


















## Thanks

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