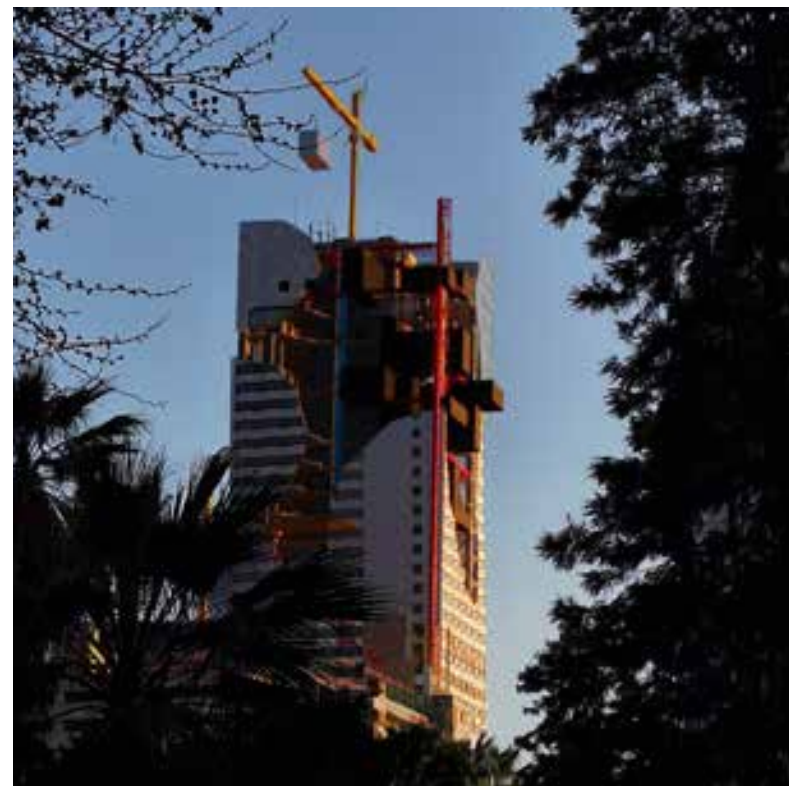


# ARCHITECTURAL portfolio.

Selected Works 2024  
Umut Can Kaya



1

Architecture of Destruction  
"Strategic Demolition"



2

Industrial Heritage  
"Around Railway Basmane"



3

CO-Living  
Bunkyo Tokyo



4

Nepenthes  
Serenity Campus



5

Coffee Shop  
Çeşme Marina



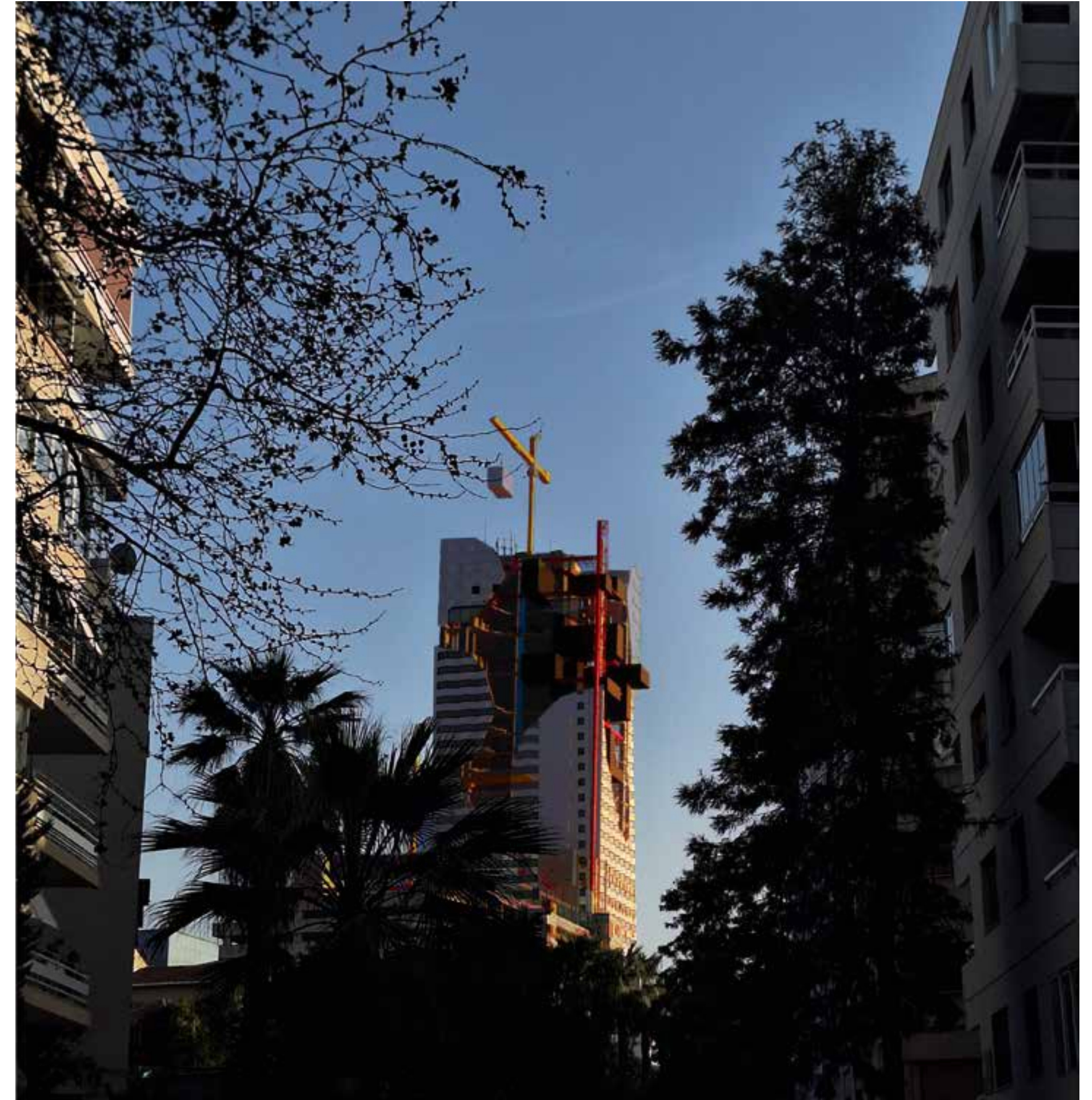
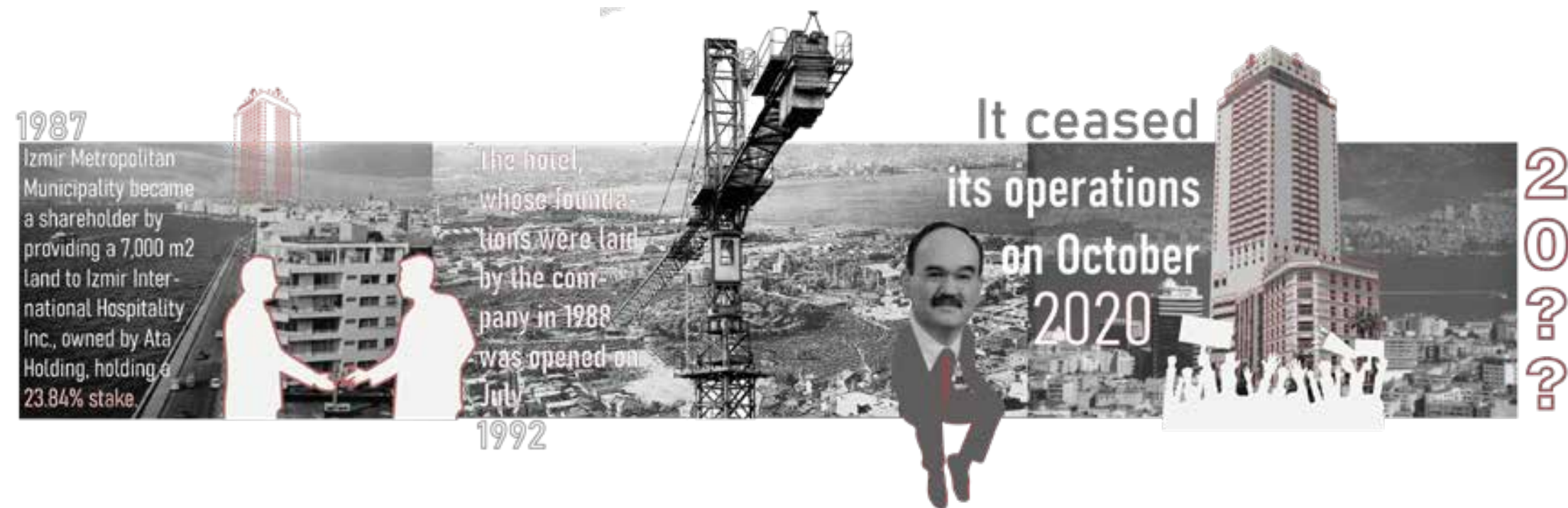
# Architecture of Destruction "Strategic Demolition"

(4th Grade)

“ Can urban space express or support practices and values that differ from or oppose the dominant values of the city? Is space created only by forces of reproduction, or also by forces of resistance or cultural differentiation? ”  
(Stavrides, 2021).

The historic Hilton Hotel in Izmir's Konak district has been a subject of controversy among the public and journalists since its opening. The hotel has faced criticism for not adhering to zoning regulations, especially in comparison to the surrounding area, and for being **constructed illegally**. It is alleged that the land, which belonged to the public, was improperly transferred in exchange for shares and cash by the mayor at the time. Established in 1987, the hotel's operations were halted in 2020 by a court order, and since then, it has remained **abandoned** in one of the most central locations in Izmir.

Today, this situation will be **changed** by the people and their representatives.







Forms the basis of the property.

**PUBLIC**

Ground belongs to the people, not capital.

**CONTROL OVER**

**POWER  
CAPITALISM**

"What will the people whose land has been **SEIZED** do? When will they liberate their **GROUND**?"



*“ There should be meetings held at specific intervals that cannot be canceled or postponed. This way, when the appropriate day arrives and the people legally assemble, the meetings can take place without the need for an official call.”  
(Jean-Jacques Rousseau).*

COLLECTIVE  
ENCOUNTERS

**CAPITAL  
CRUSH**

**COLLECTIVE DESTRUCTION**

It aims to strengthen spatial and social bonds by ensuring the symbolic destruction of a structure with the active participation of the community, targeting an egalitarian and more just urban life.

**PROPERTY  
HUMANKIND  
EQUAL RIGHTS**

**CIVIL DISOBEDIENCE**

Disobedience to laws implemented by the civil administration, by adhering to the essence of these laws, means resisting them. It is a public (open), non-violent, conscientious yet illegal political act aimed at changing laws or government policies.

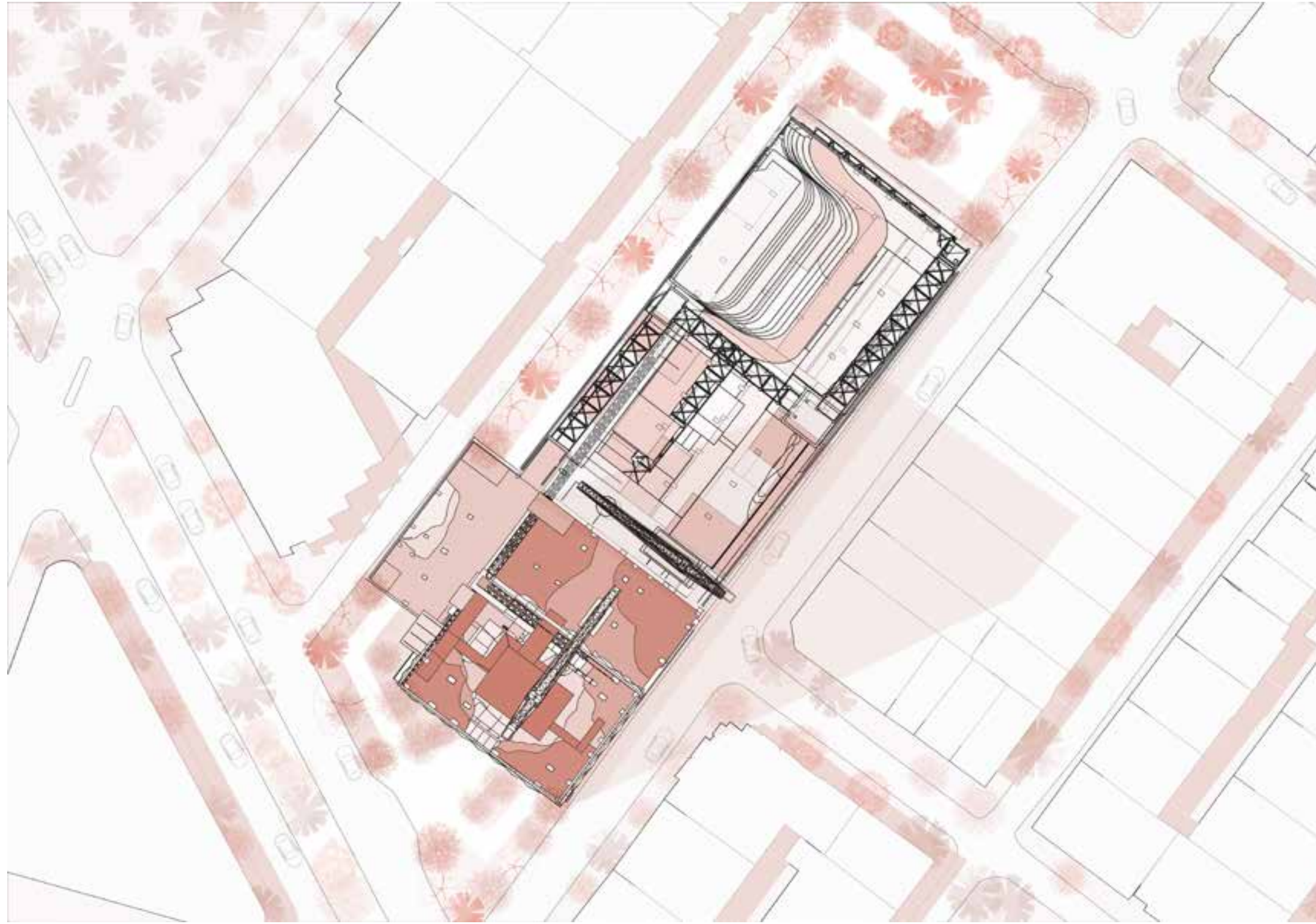


**COALITION**

A coalition is a temporary partnership established among groups or parties that do not hold a majority on their own, aiming to achieve common goals or provide governance.

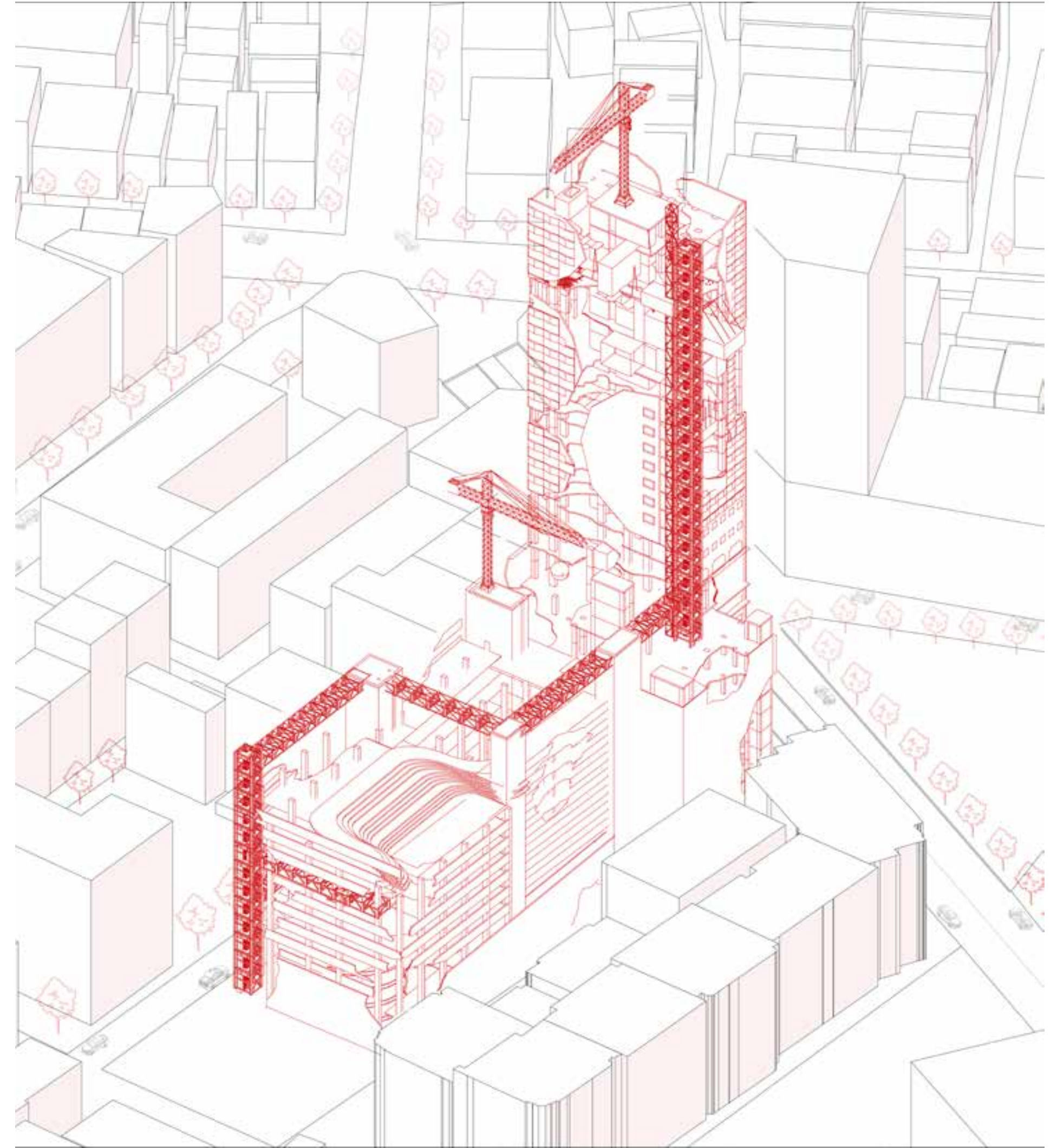






## CIVIL DISOBEDIENCE

Civil Disobedience embodies a concept wherein individuals or groups peacefully disobey laws or regulations they consider unjust or immoral, often as a **form of protest or resistance** against perceived injustice. Similar to **Collective Destruction**, this approach emphasizes active engagement and participation, albeit in the realm of social and political activism rather than physical transformation. By encouraging citizens to openly **challenge authority** through nonviolent means, Civil Disobedience aims to raise awareness, provoke dialogue, and effect change in societal norms or policies. It fosters a sense of collective empowerment and solidarity among participants, promoting a more equitable and just society through grassroots **mobilization and civic action**.



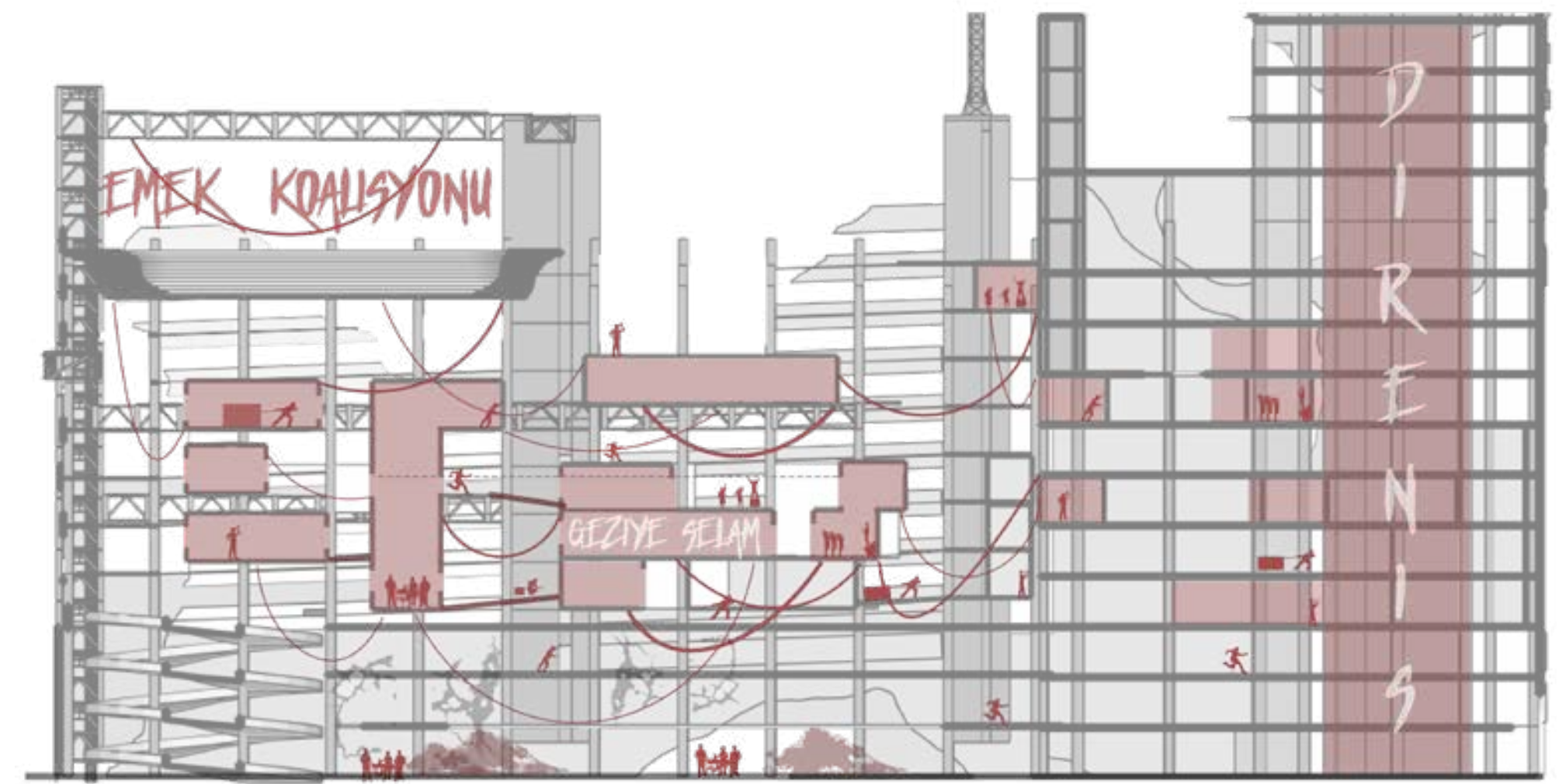
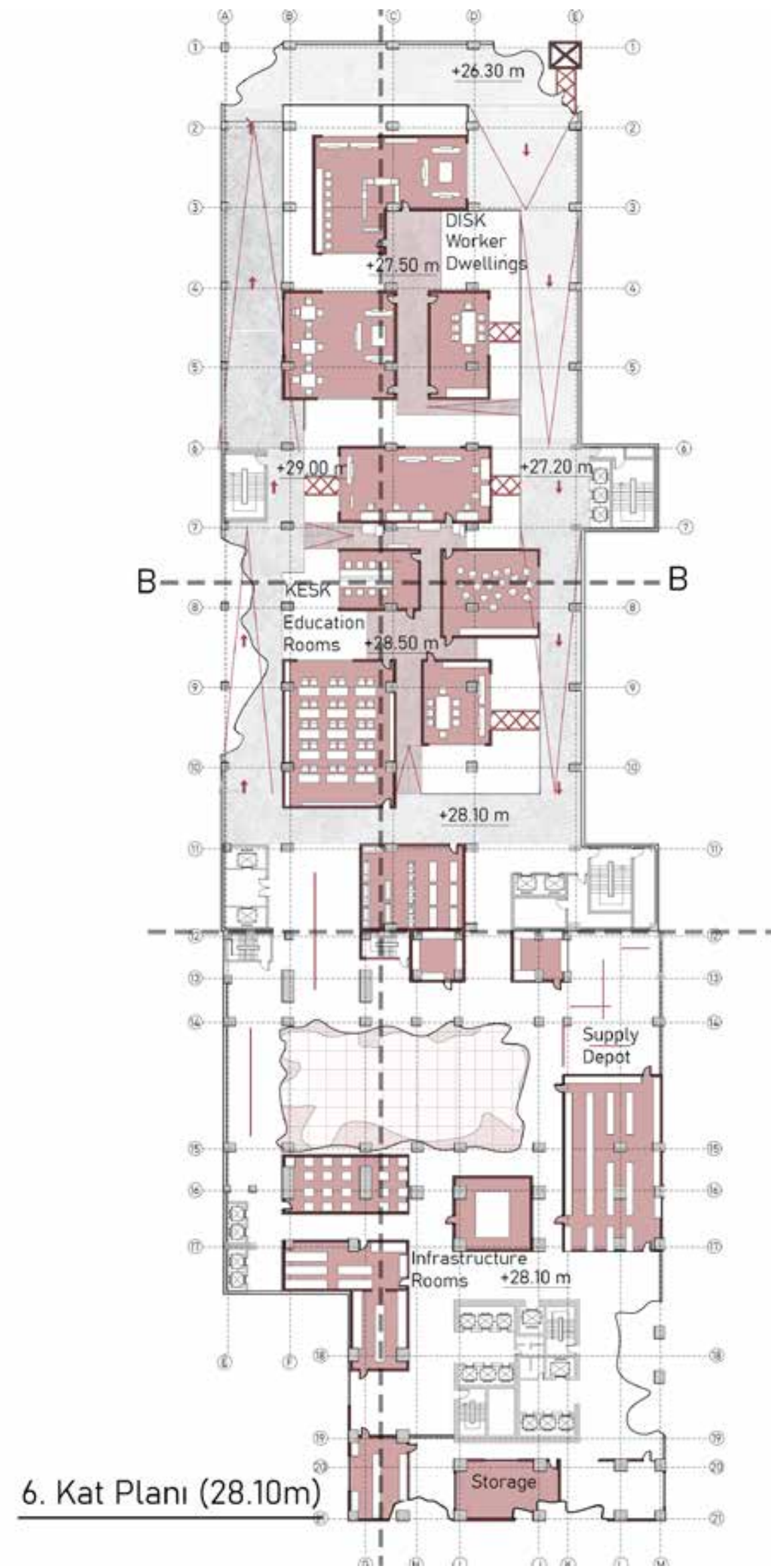




## COLLECTIVE DESTRUCTION

Collective Destruction is an approach that involves public engagement in the **symbolic dismantling** and redesign of a structure. This concept promotes community participation in transforming a historically or symbolically significant building, aiming to foster stronger spatial and social bonds. Rather than physically demolishing the structure, the process **integrates** the building into the **community fabric**, encouraging shared ideas and active involvement. This method not only changes the physical space but also enhances solidarity and collaboration, leading to a more inclusive and **sustainable urban transformation**.







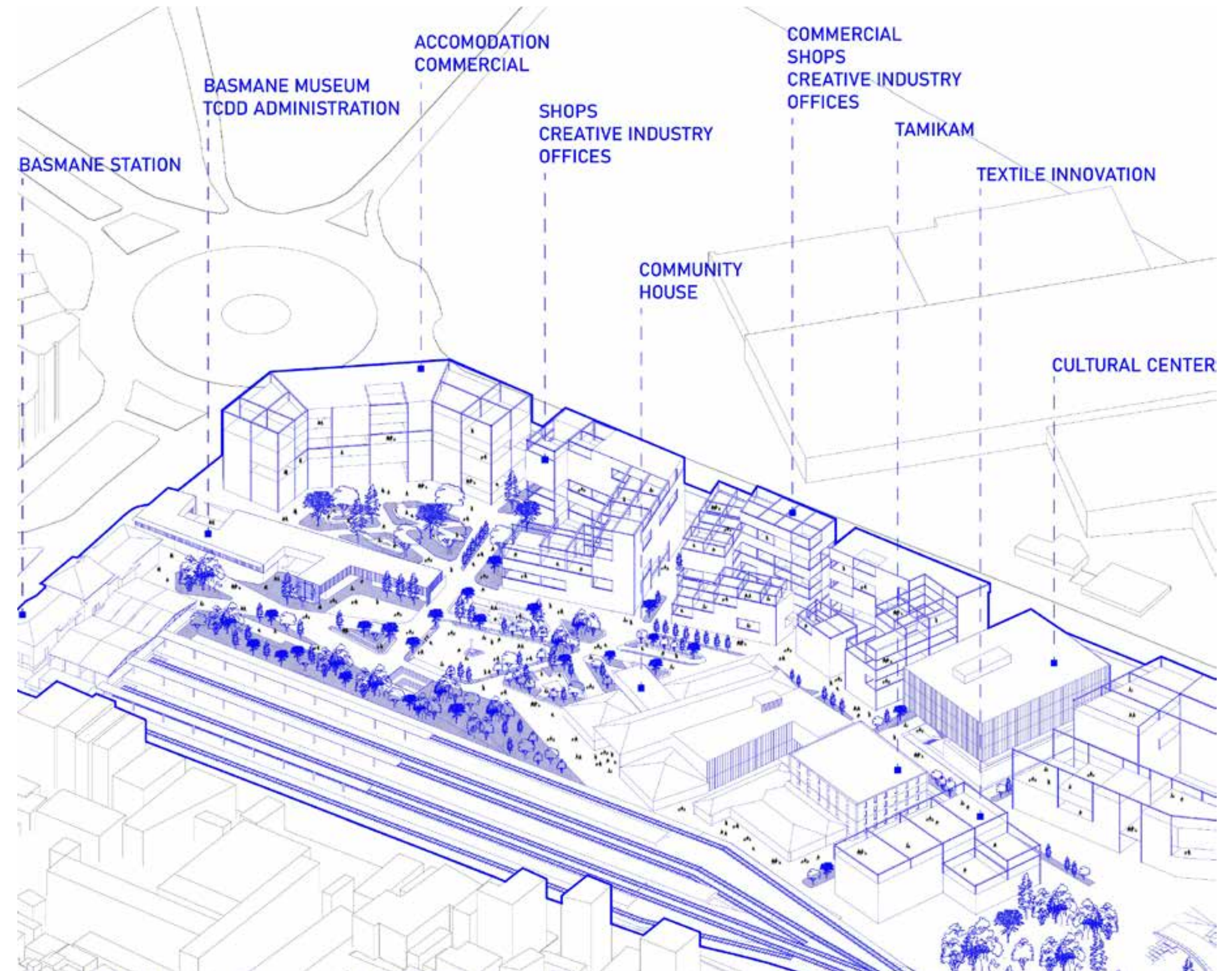
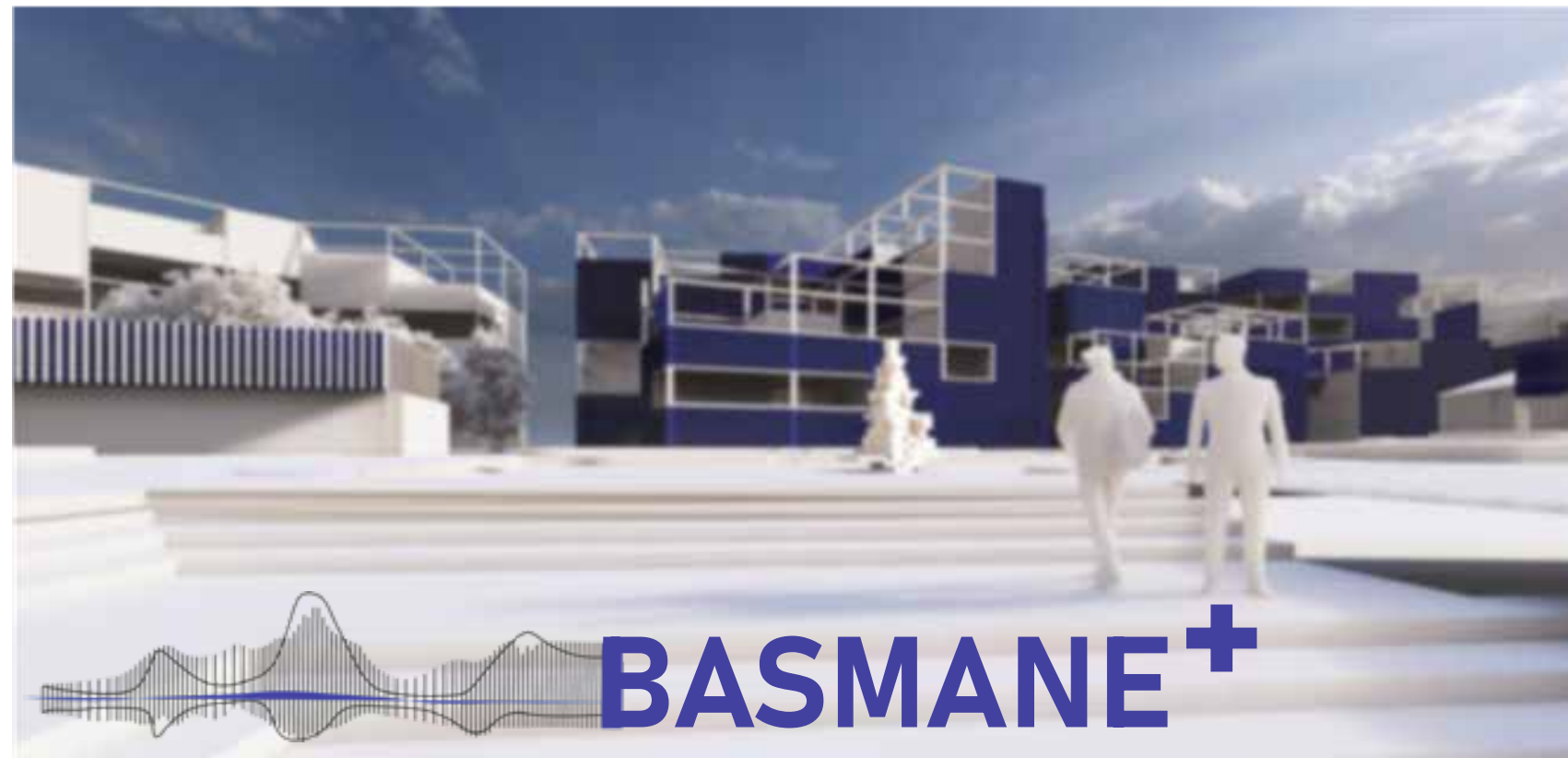
# INDUSTRIAL HERITAGE

## "Around Railway BASMANE"

(4th Grade)

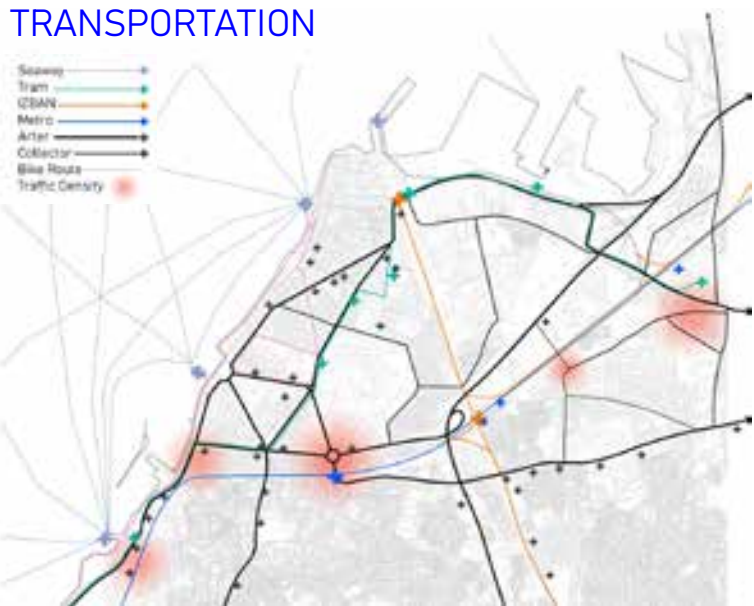
This project was prepared in the Basmane region in Konak district of Izmir, with the aim of protecting the industrial heritage and keeping it alive by reintegrating it into the city. Structural and productive industrial heritages in the region have been reimagined to establish a relationship with the **environmental context**; this reimagined has been nourished with urban elements and turned into a tool that responds with design to the needs of the local people and the textile industry that has existed in the area since the historical process.

The main purpose of the project is to create a **transition area** where regions with different characters intersect around the project area; in this way, while providing **spatial integrity and permeability** in the city, it also responds to the socio-cultural and socio-economic needs of the citizens.

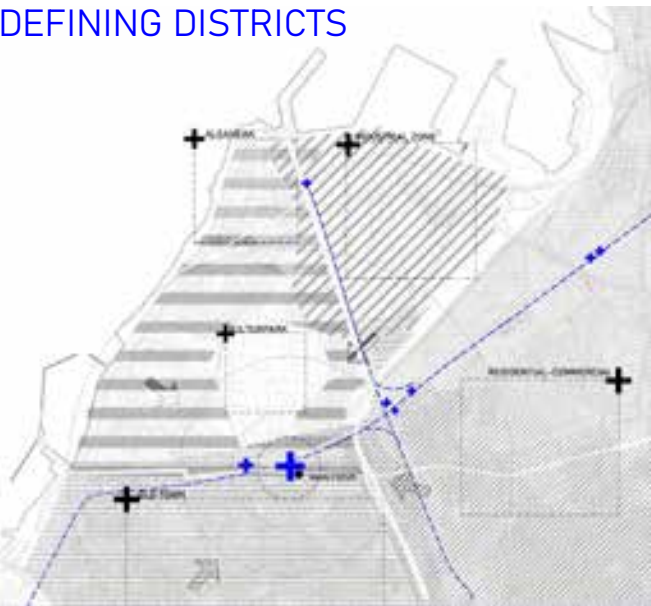




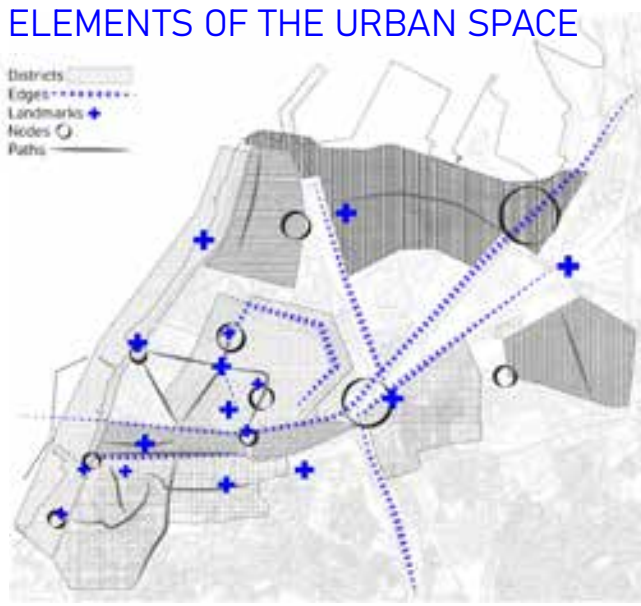
TRANSPORTATION



DEFINING DISTRICTS



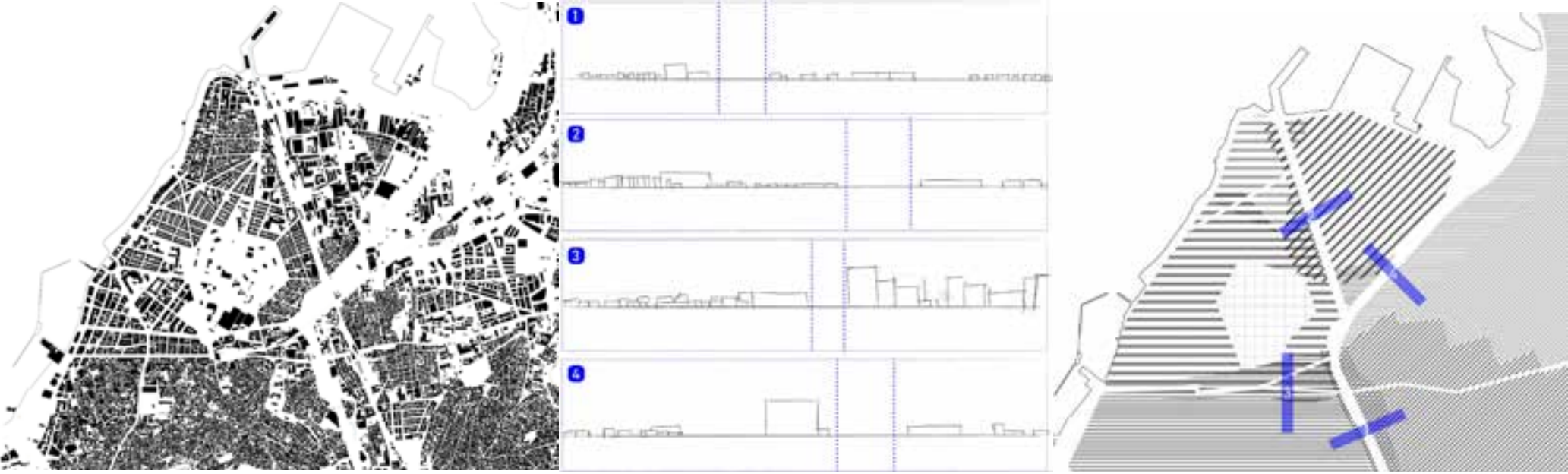
ELEMENTS OF THE URBAN SPACE



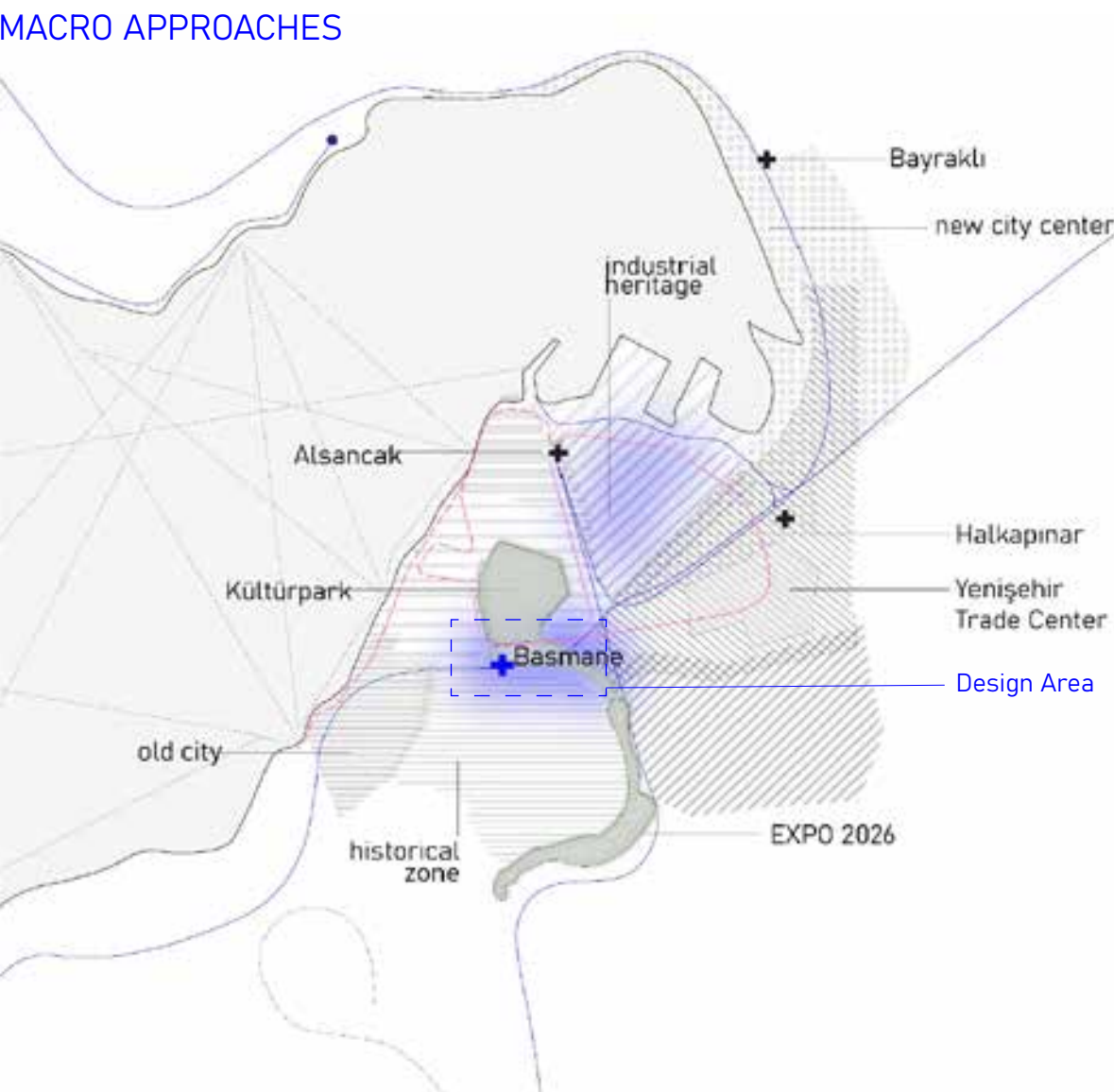
LAND USE



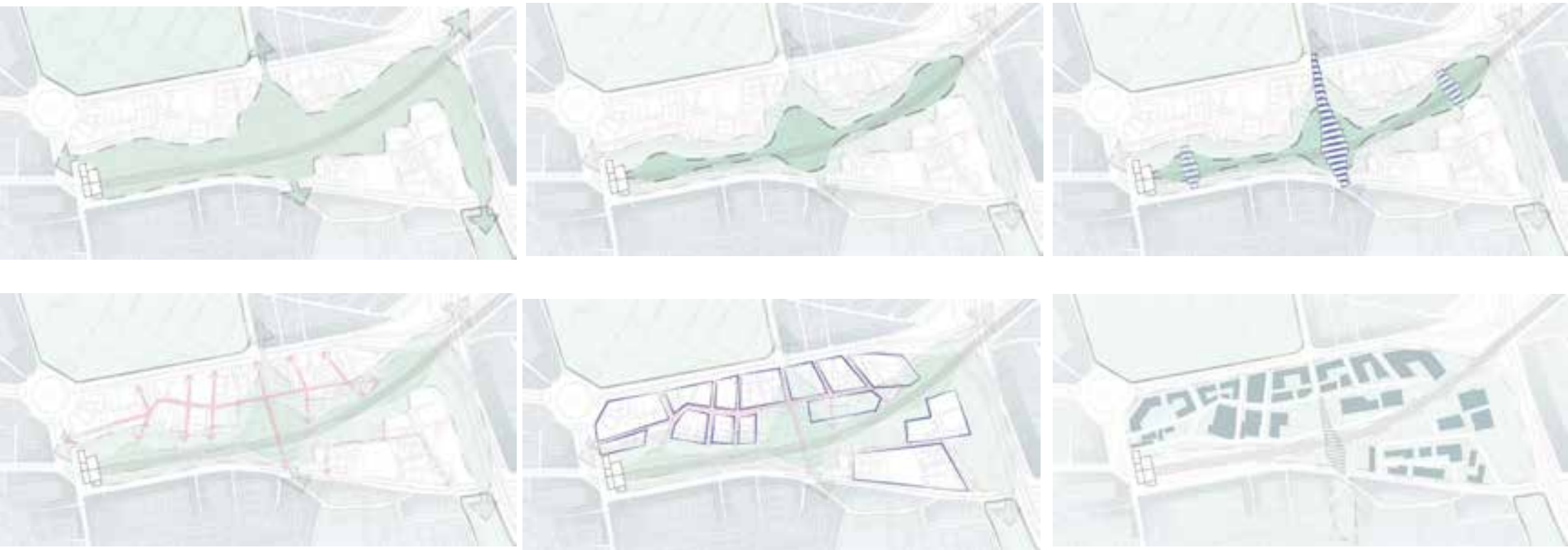
SOLID & VOID and TEXTURE



MACRO APPROACHES



Thanks to this approach that transforms the railway into an [interactive tool](#) among industrial heritages rather than just a means of transportation, the infrastructure has become a [connecting element](#) between regions with different characters. The aim is to achieve [coherence in the urban fabric](#) as this connection structure extends to green areas in the city. Simultaneously, within the framework of [UNDP's sustainability goals](#), the transportation circulation in the area has been re-evaluated. The accessibility of the area has been redesigned with a more [environmentally friendly](#) approach by expanding the existing bicycle route.

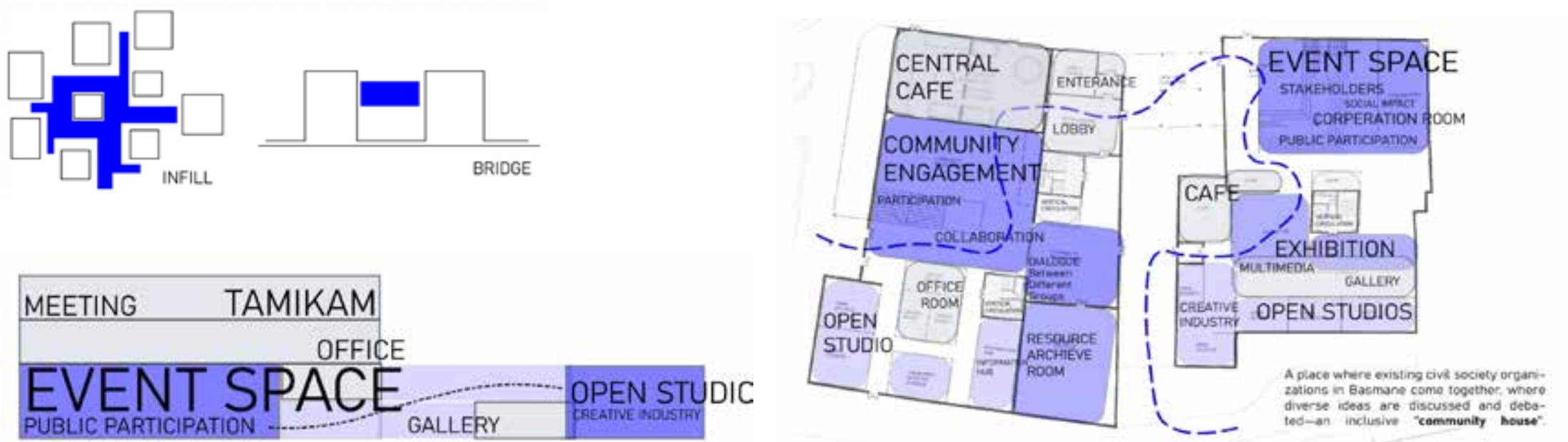
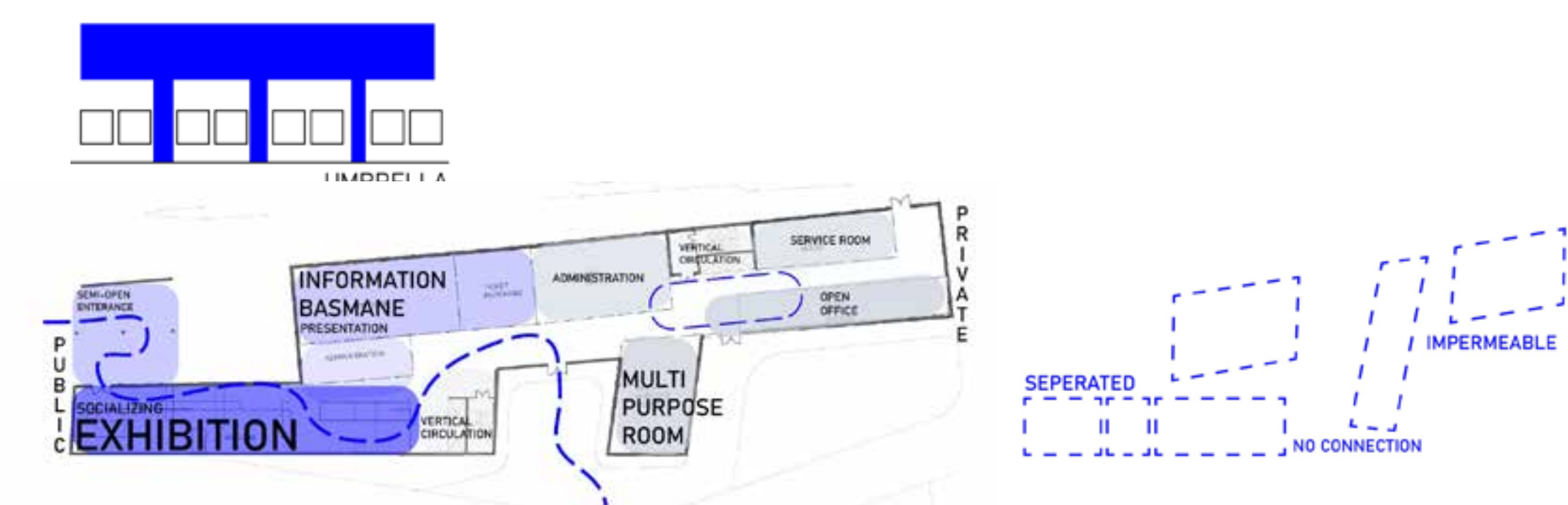
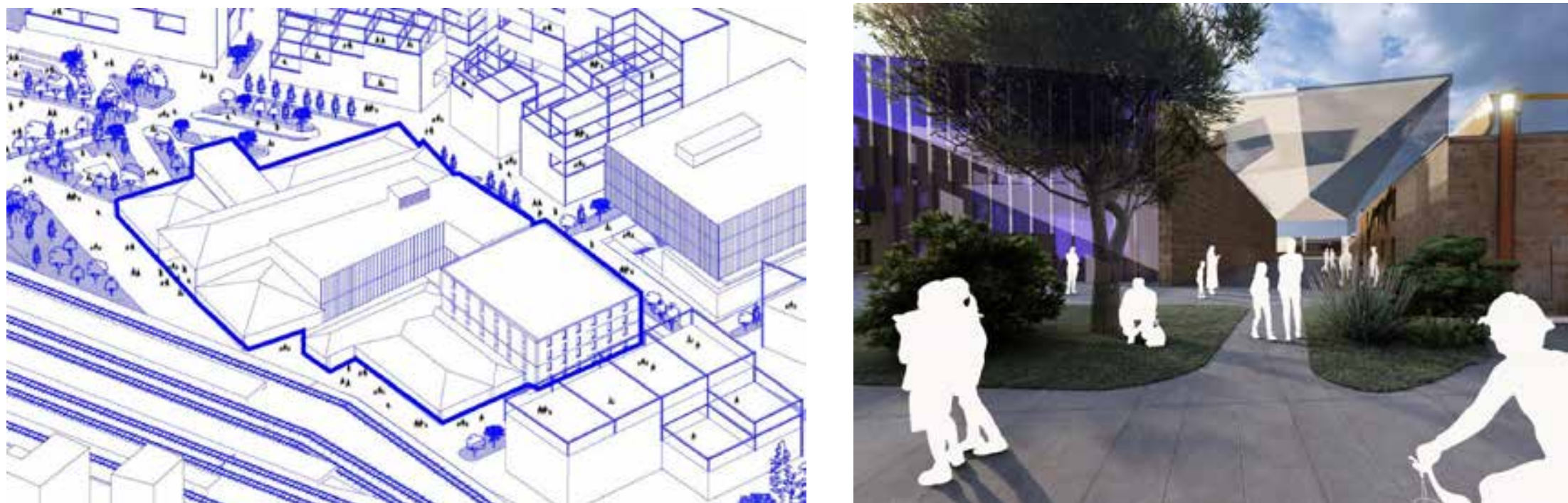




ADAPTIVE REUSE TCCD ADMINISTRATION

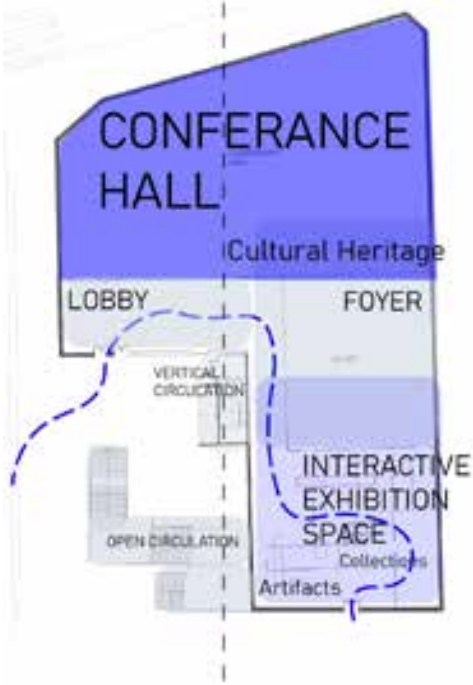
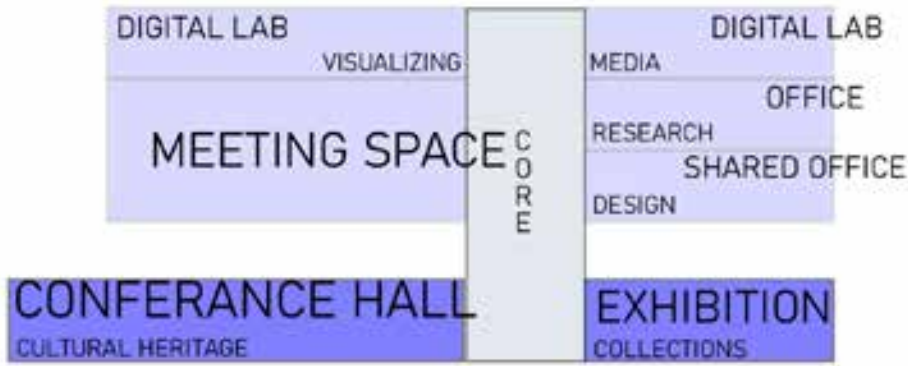
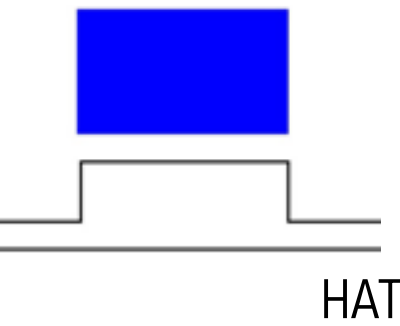
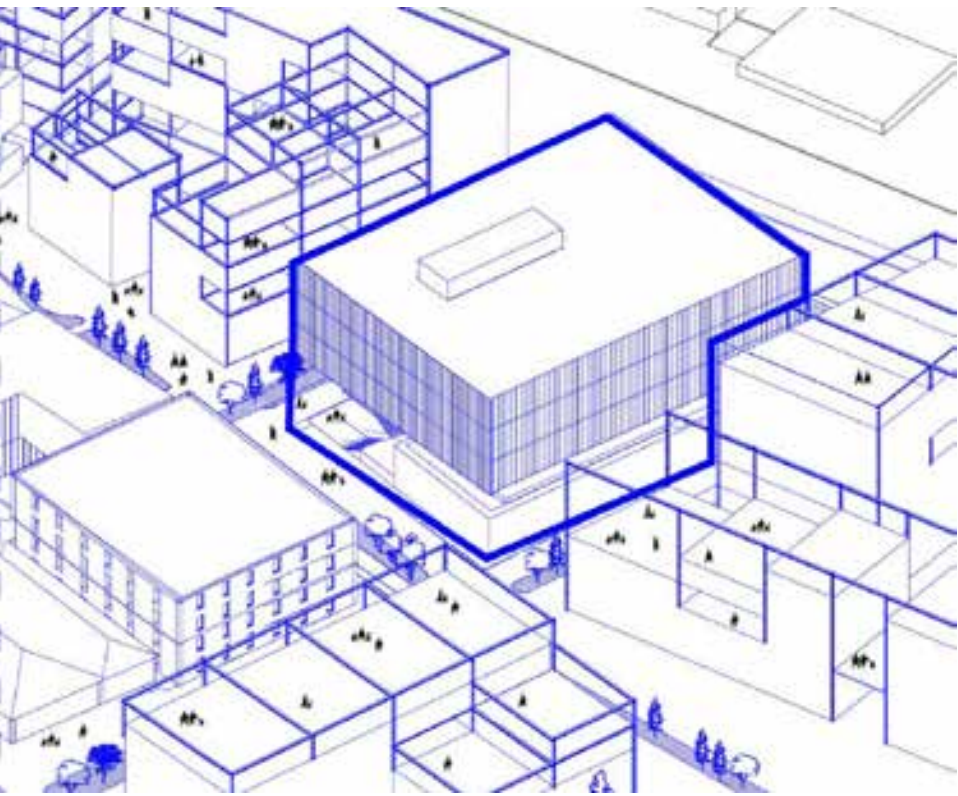


ADAPTIVE REUSE TCCD ADMINISTRATION

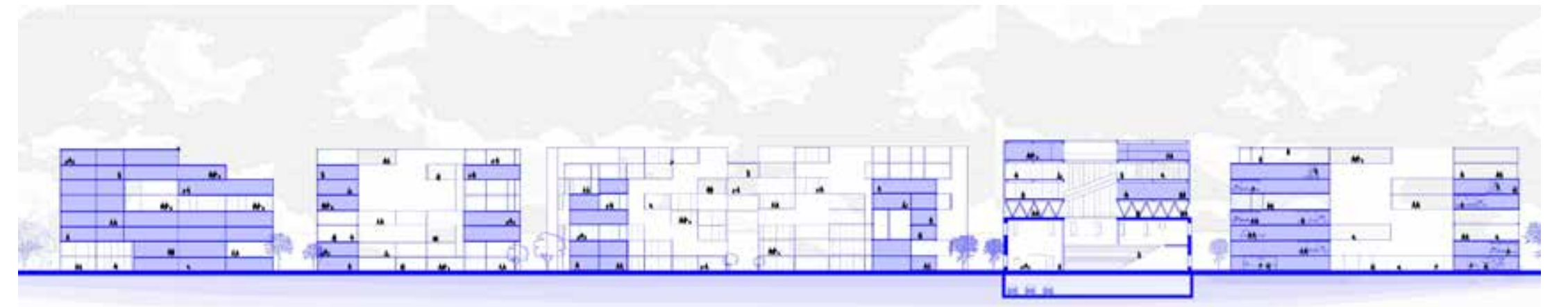
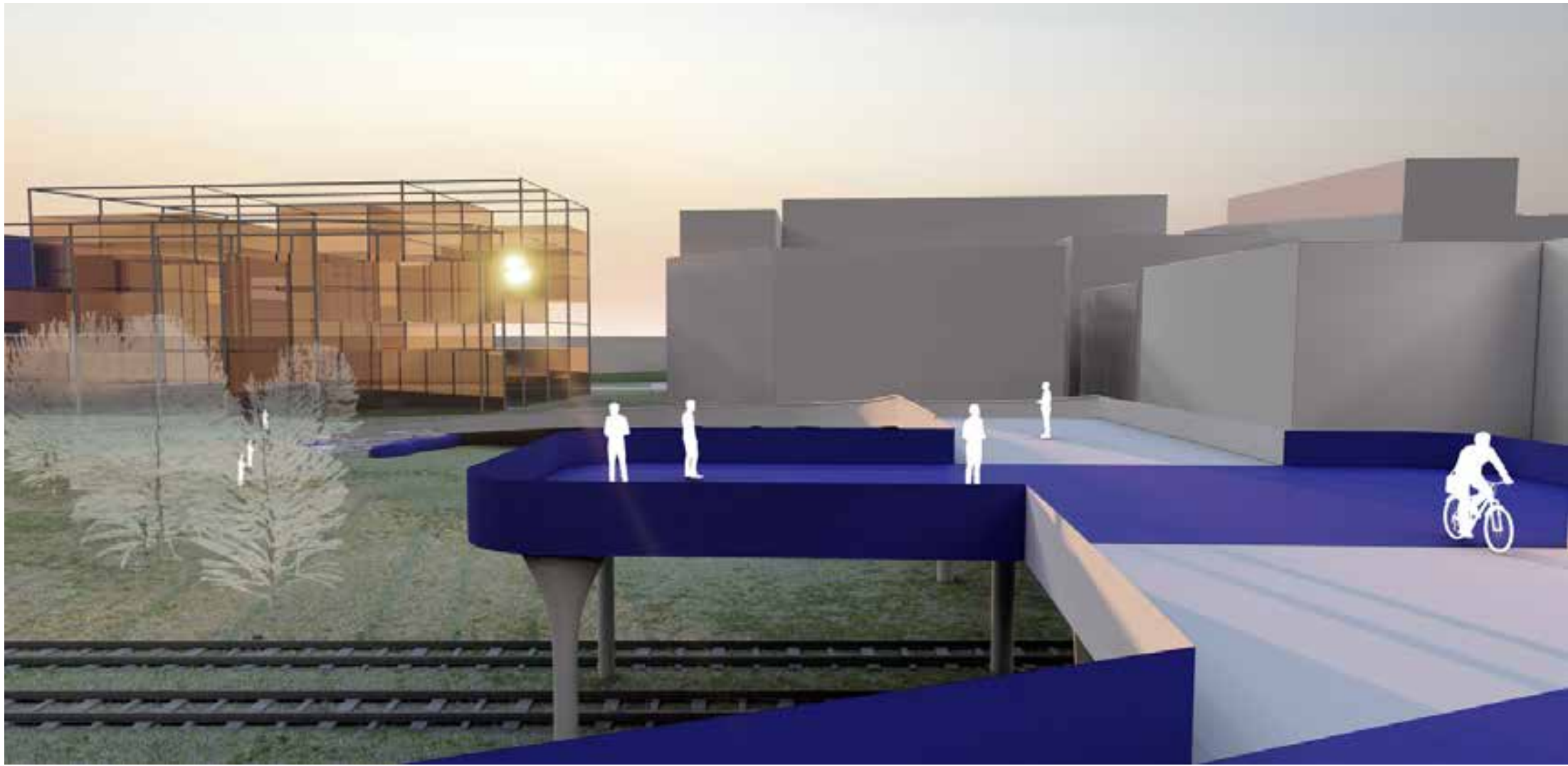
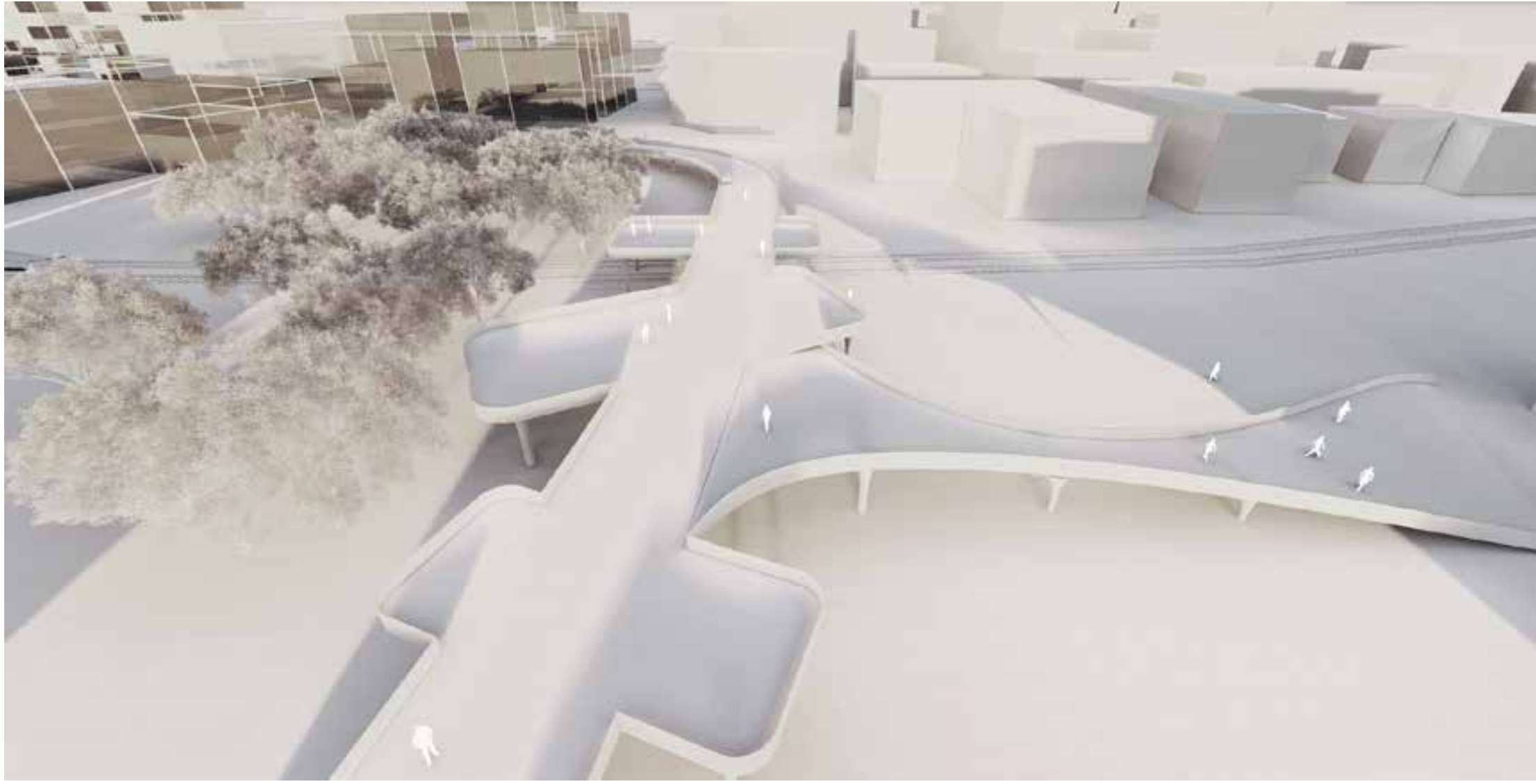




ADAPTIVE REUSE TCCD ADMINISTRATION









# CO-LIVING TokyoBunkyo

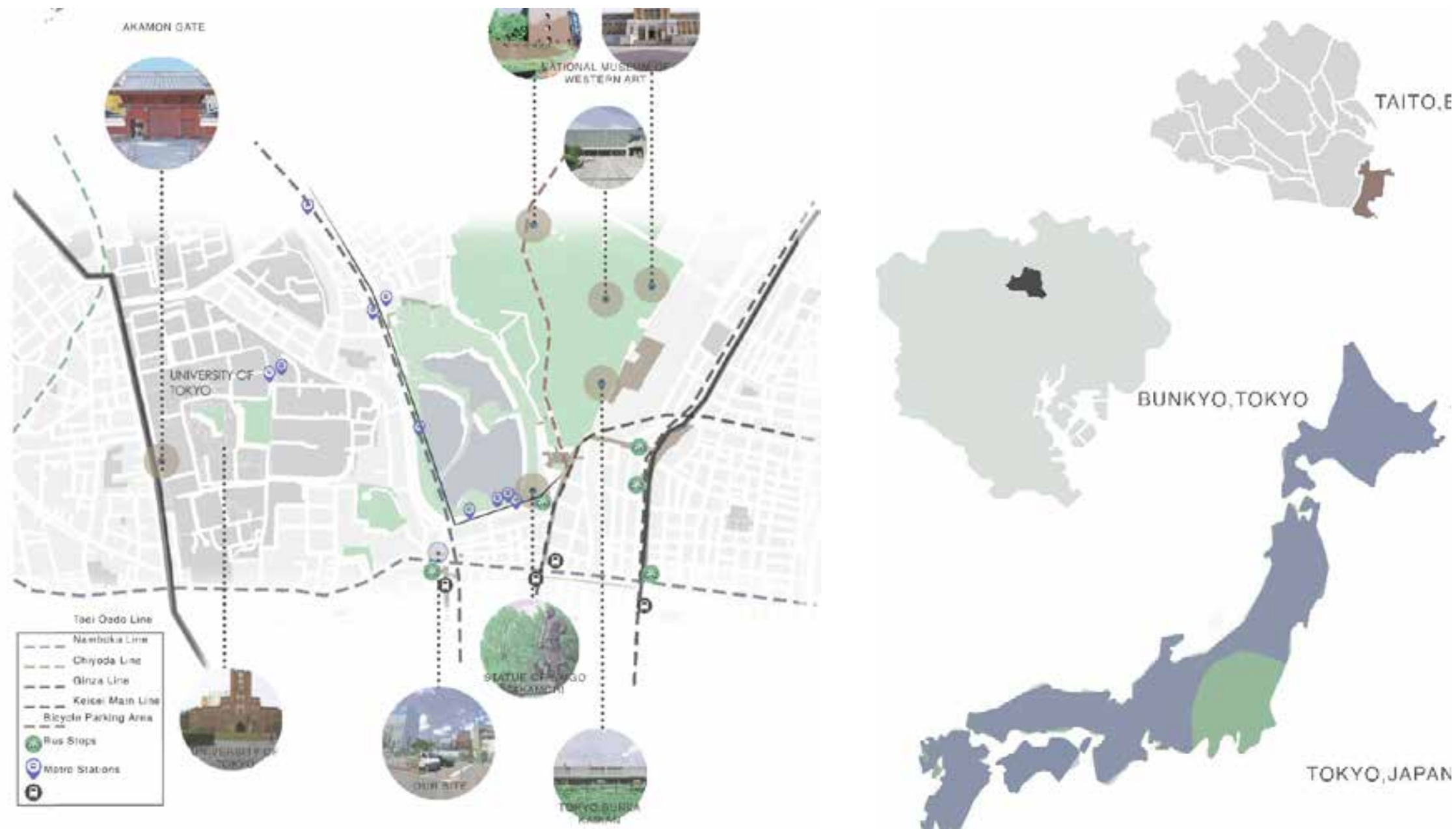
*(3th Grade)*

In Tokyo's Bunkyo Ward, a public housing project has been thoughtfully planned to address Japan's rising suicide rates, particularly among the youth. Recognizing the detrimental effects of increasing individualism, the project promotes communal living and shared experiences, creating a supportive environment where residents can connect and foster a sense of community.

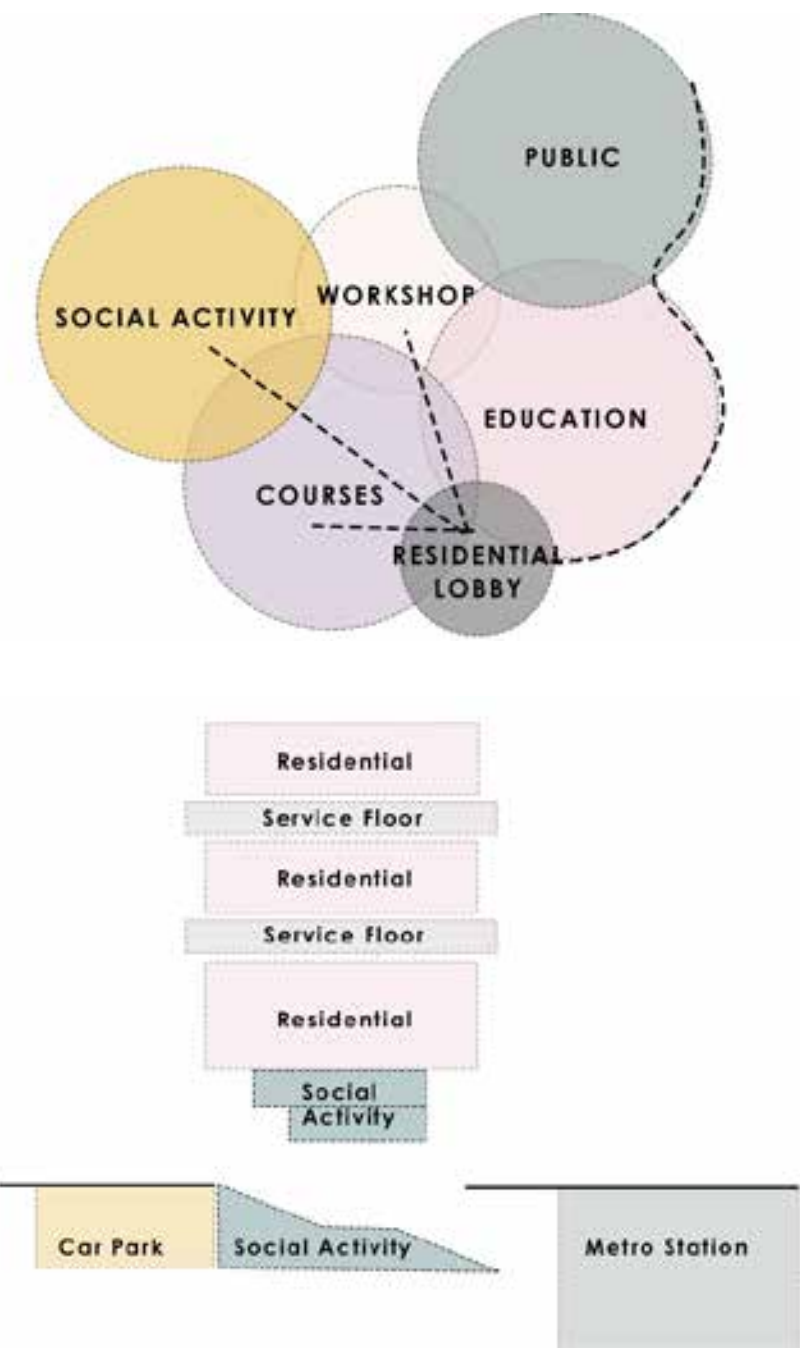
Additionally, the project prioritizes public welfare by integrating with the metro station beneath the site, ensuring it is not just a place to live but also a hub of accessibility. This comprehensive approach aims to support both the mental well-being of residents and the broader community.





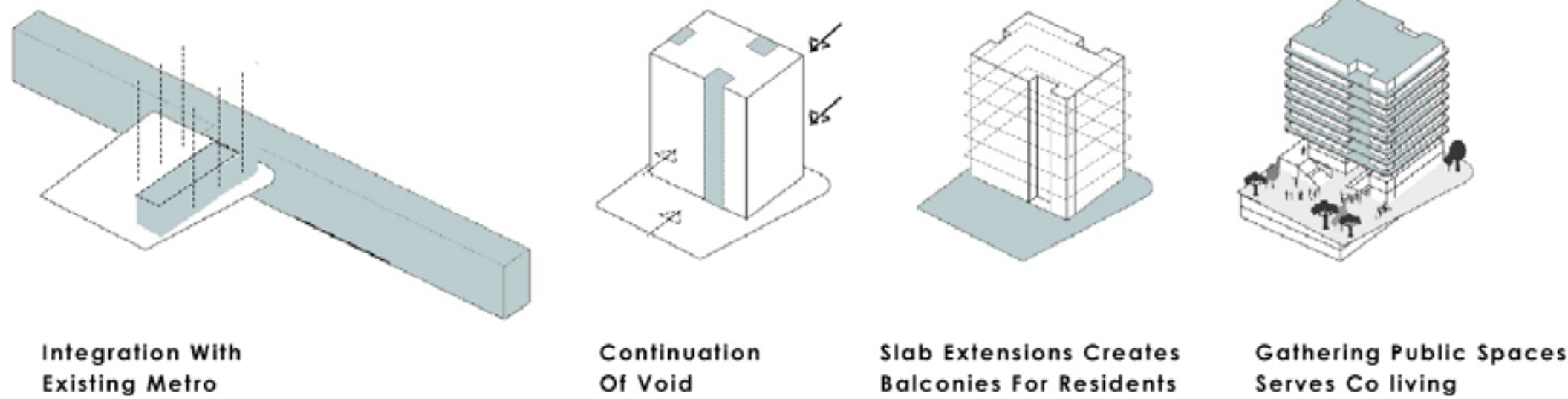


**Co-living** is a modern housing concept where individuals share common spaces, like kitchens and living rooms, while having their own private bedrooms. It promotes a sense of community and social interaction, making it ideal for those seeking a more affordable and connected living experience.

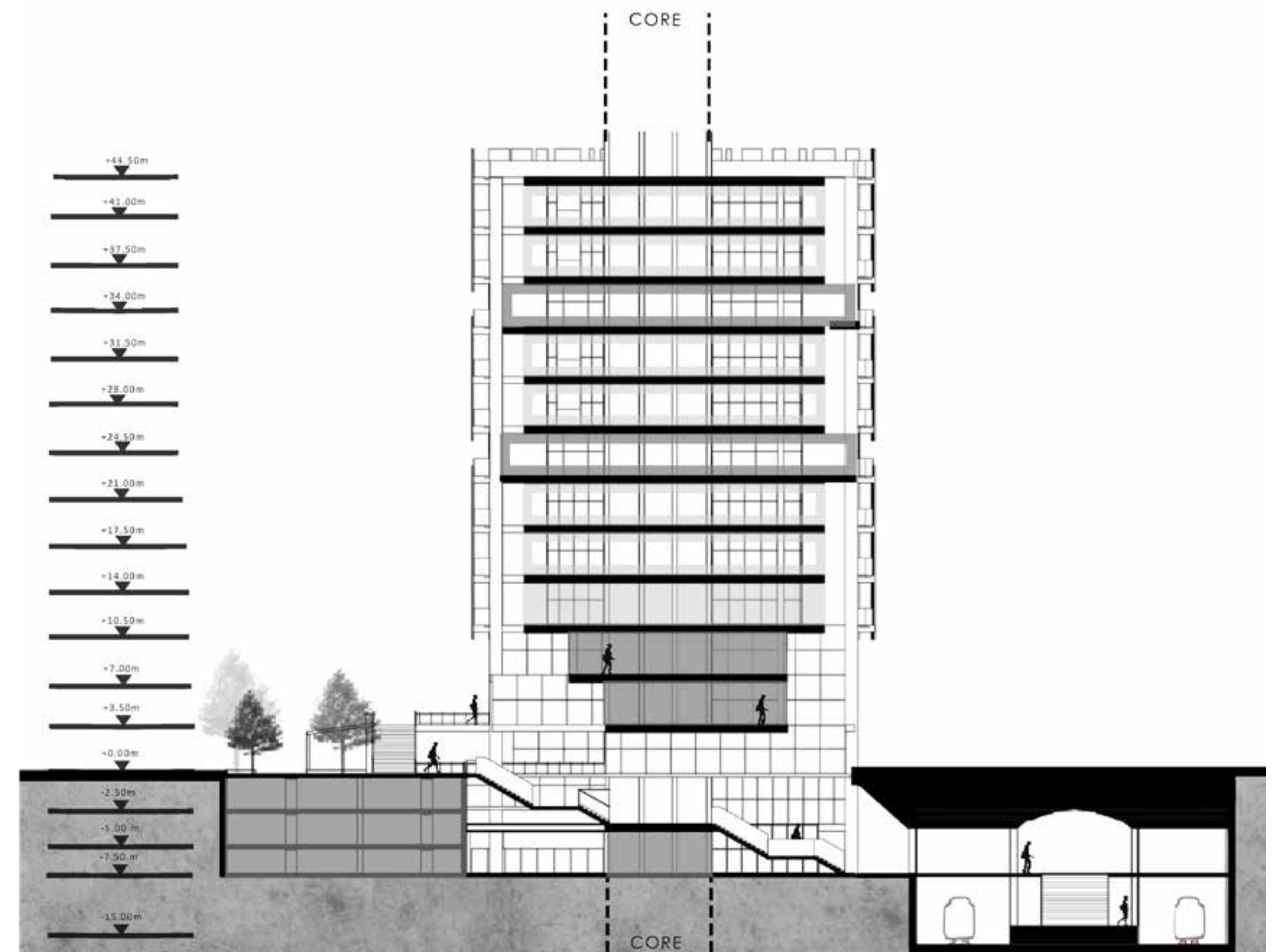


### ARCHITECTURAL PROGRAM

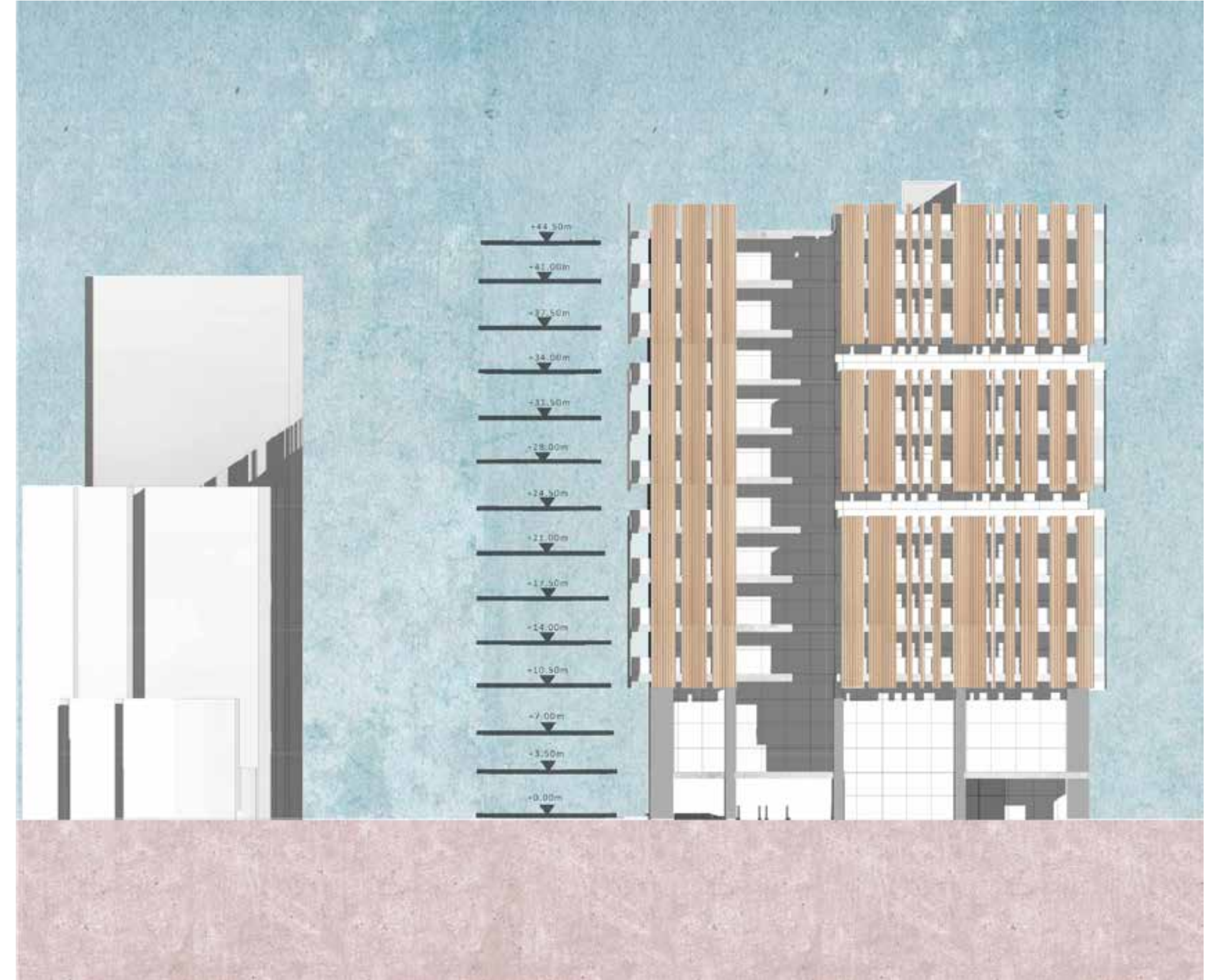
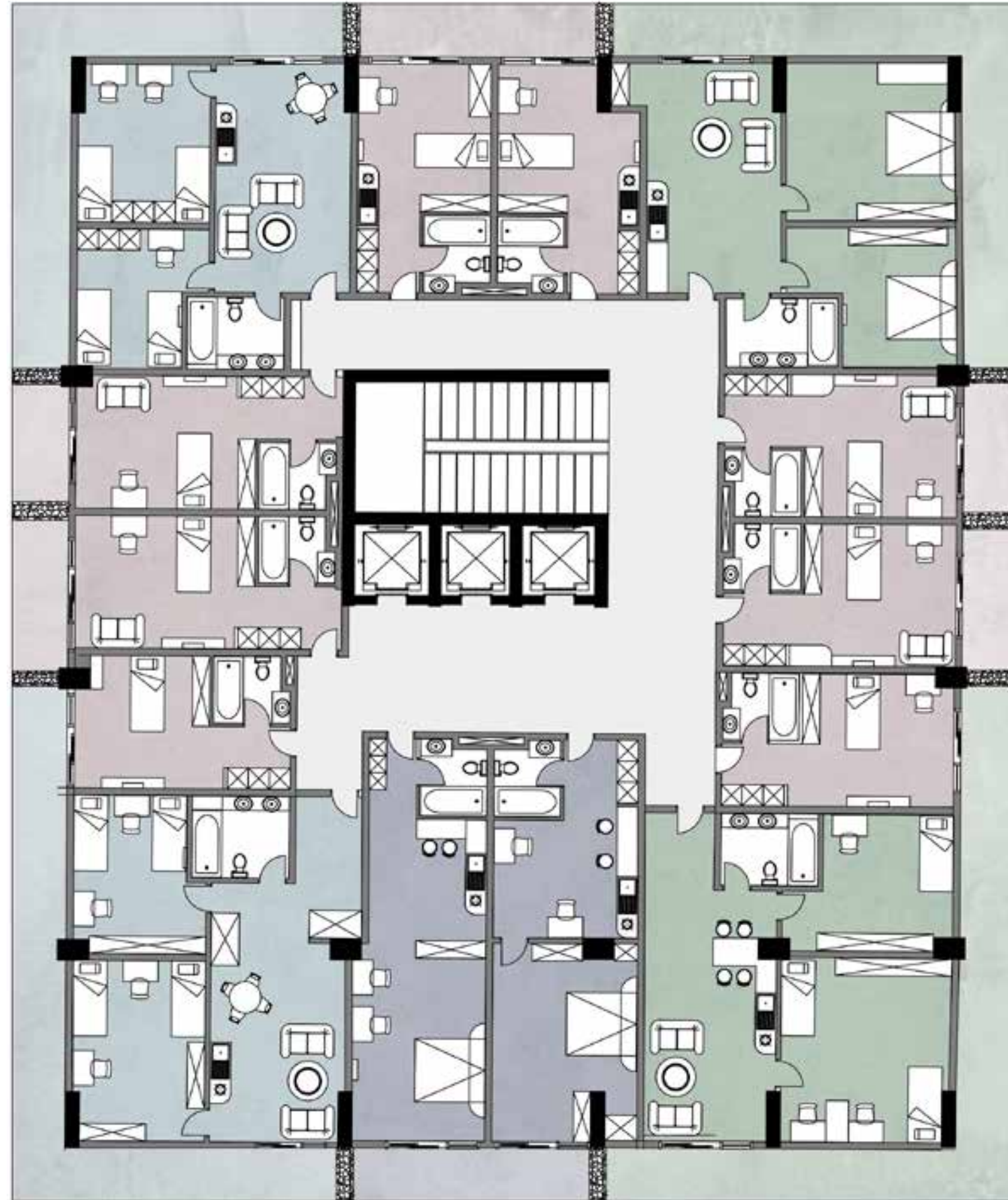
- Housing units;  
 Single (one person) :  $35 \times 28 \text{ m}^2 = 980 \text{ m}^2$   
 Suit (two people) :  $21 \times 44 \text{ m}^2 = 924 \text{ m}^2$   
 (three people):  $14 \times 60 \text{ m}^2 = 840 \text{ m}^2$   
 (four people):  $14 \times 71 \text{ m}^2 = 994 \text{ m}^2$
- Services ;  
 (Laundry/ Food halls / Bars / Relaxing Areas)  $2 \times 680 \text{ m}^2 = 1360 \text{ m}^2$
- Parking ;  
 $3 \times 400 \text{ m}^2 = 1200 \text{ m}^2$  (54 car parking slot)
- Outdoor Public Spaces ;  
 $360 \text{ m}^2$
- Commercial Shops ;  
 $200 \text{ m}^2 + 270 \text{ m}^2 = 470 \text{ m}^2$
- Co Living Shared Spaces:  
 ( Gym , Working spaces , Library , Cinema Room ) =  $1300 \text{ m}^2$

















# NEPENTHES

## Serenity Campus

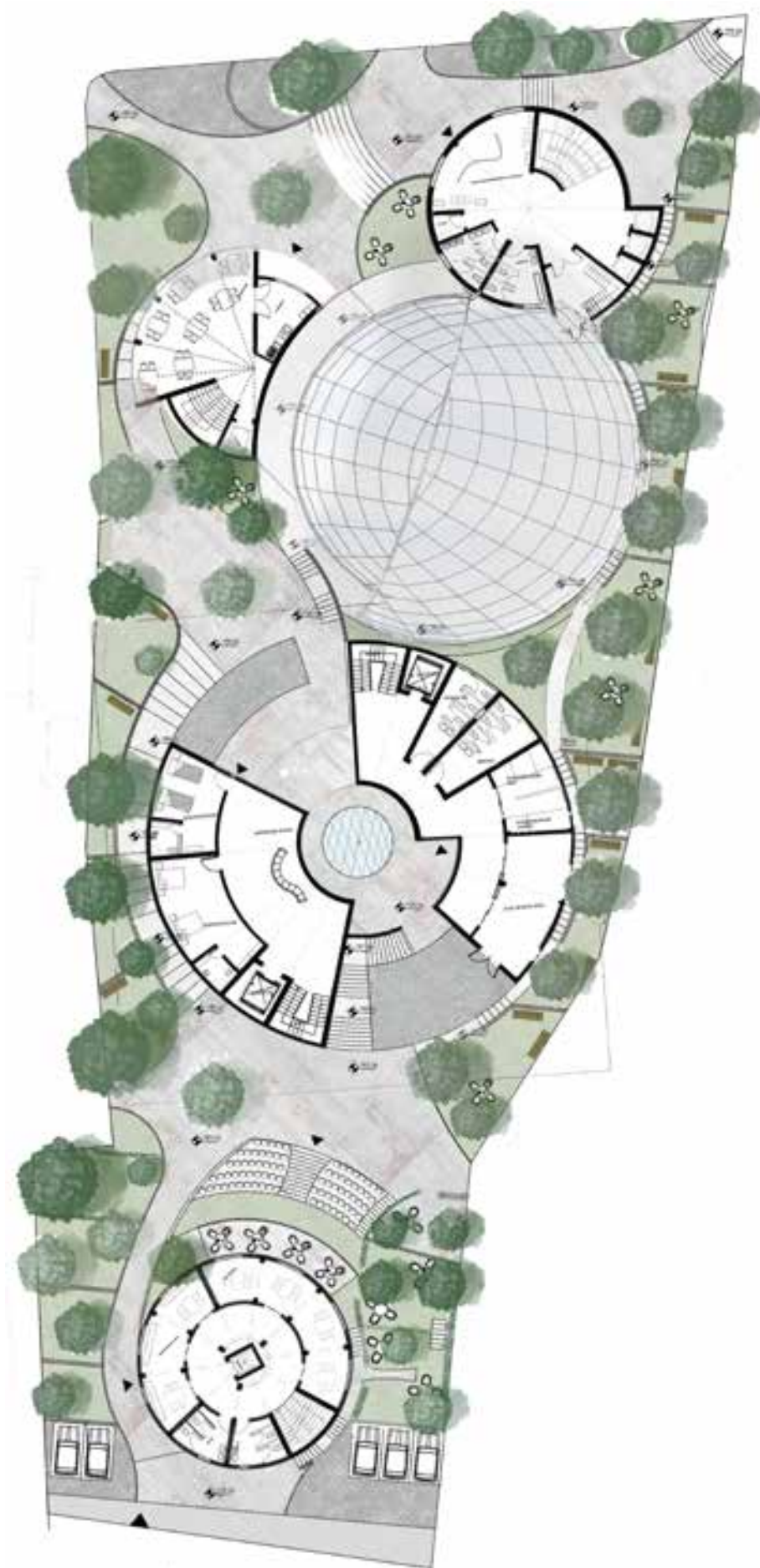
*(3th Grade)*

Nepenthes Serenity Campus, located in Izmir's Çiğli district, has been thoughtfully designed to cater to the growing elderly population. This facility includes elderly care units, open sports areas, healthcare facilities, entertainment rooms, and a conference hall that serves both residents and the surrounding community.

A key focus of the design is **accessibility**, ensuring that elderly and disabled citizens can easily navigate the space. Beyond just providing care, the project also aims to **reintegrate elderly citizens** into the community, fostering social connections and encouraging active **participation in social life**. Additionally, the facility incorporates sustainable practices and green spaces, creating a healthy and pleasant environment that enhances the overall well-being of its residents.





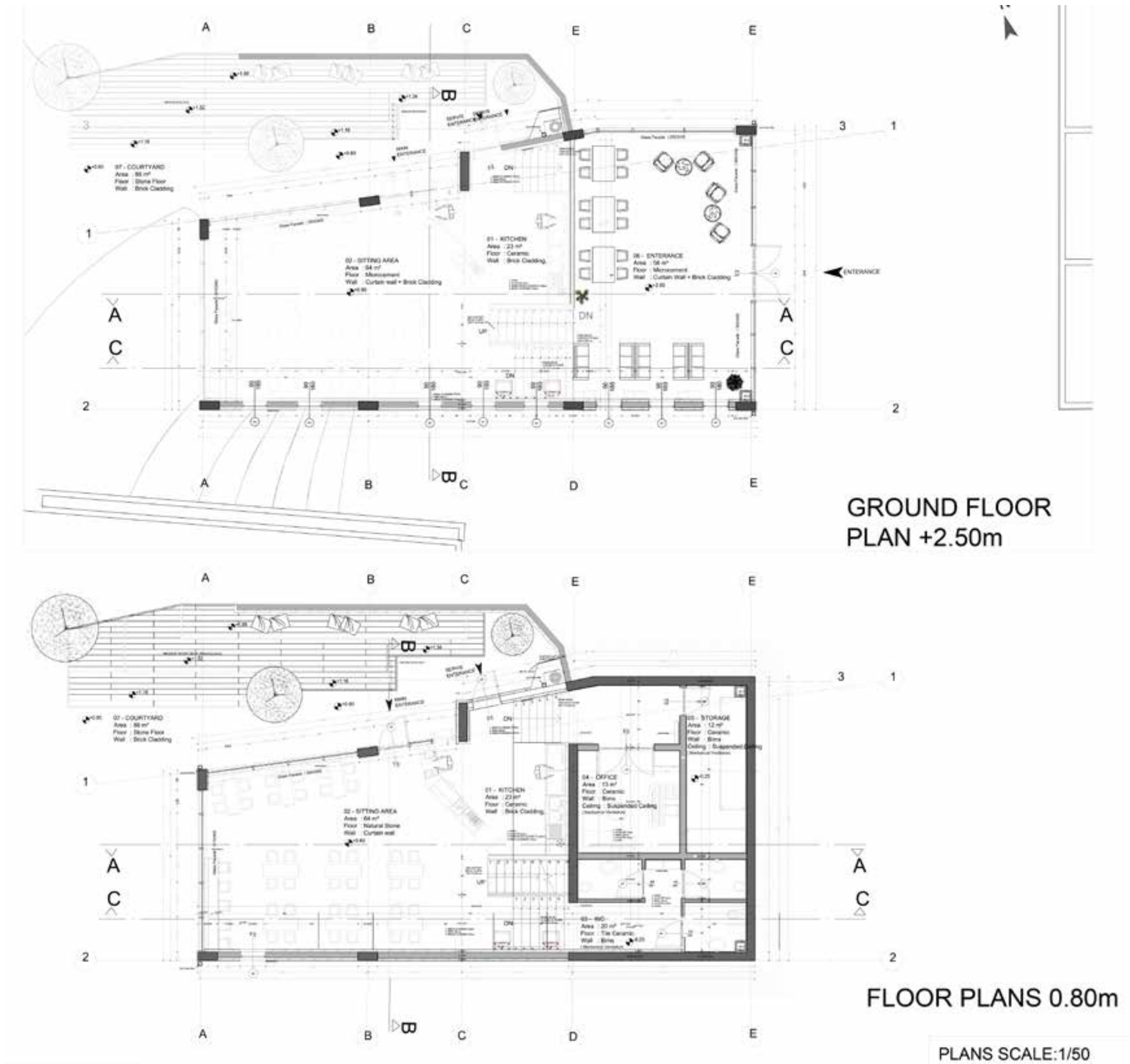




# COFFEE SHOP CESME MARINA

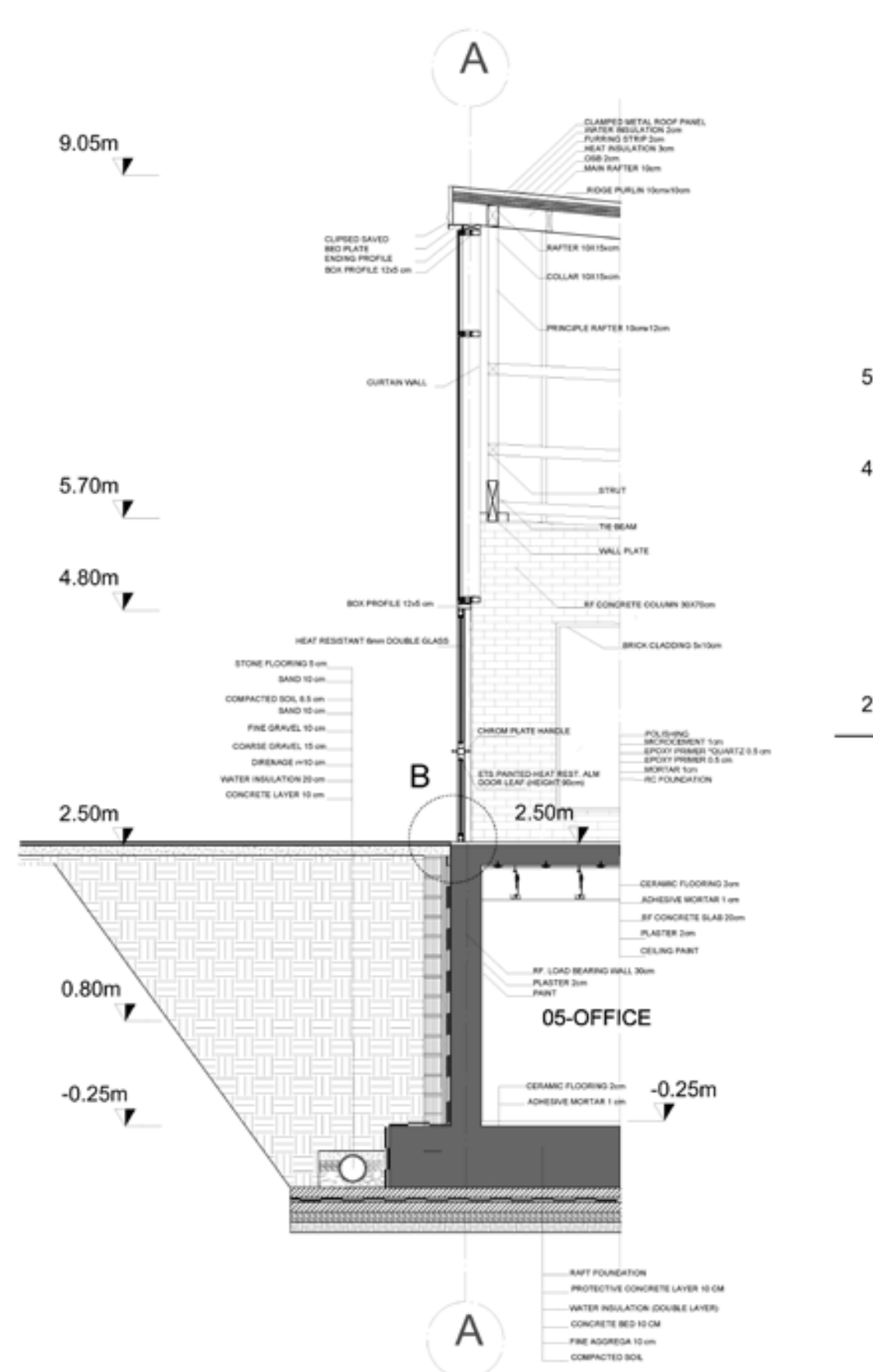
(3th Grade)

The project, situated within the marina in the Çeşme district of İzmir, offered a valuable opportunity to design and explore implementation details as part of a Construction course. The design incorporates essential components for a coffee shop, including a well-equipped kitchen, comfortable seating areas, storage spaces, and outdoor seating options. Additionally, it includes dedicated offices for management and staff, ensuring smooth operation and a functional layout that meets both practical needs and aesthetic goals.

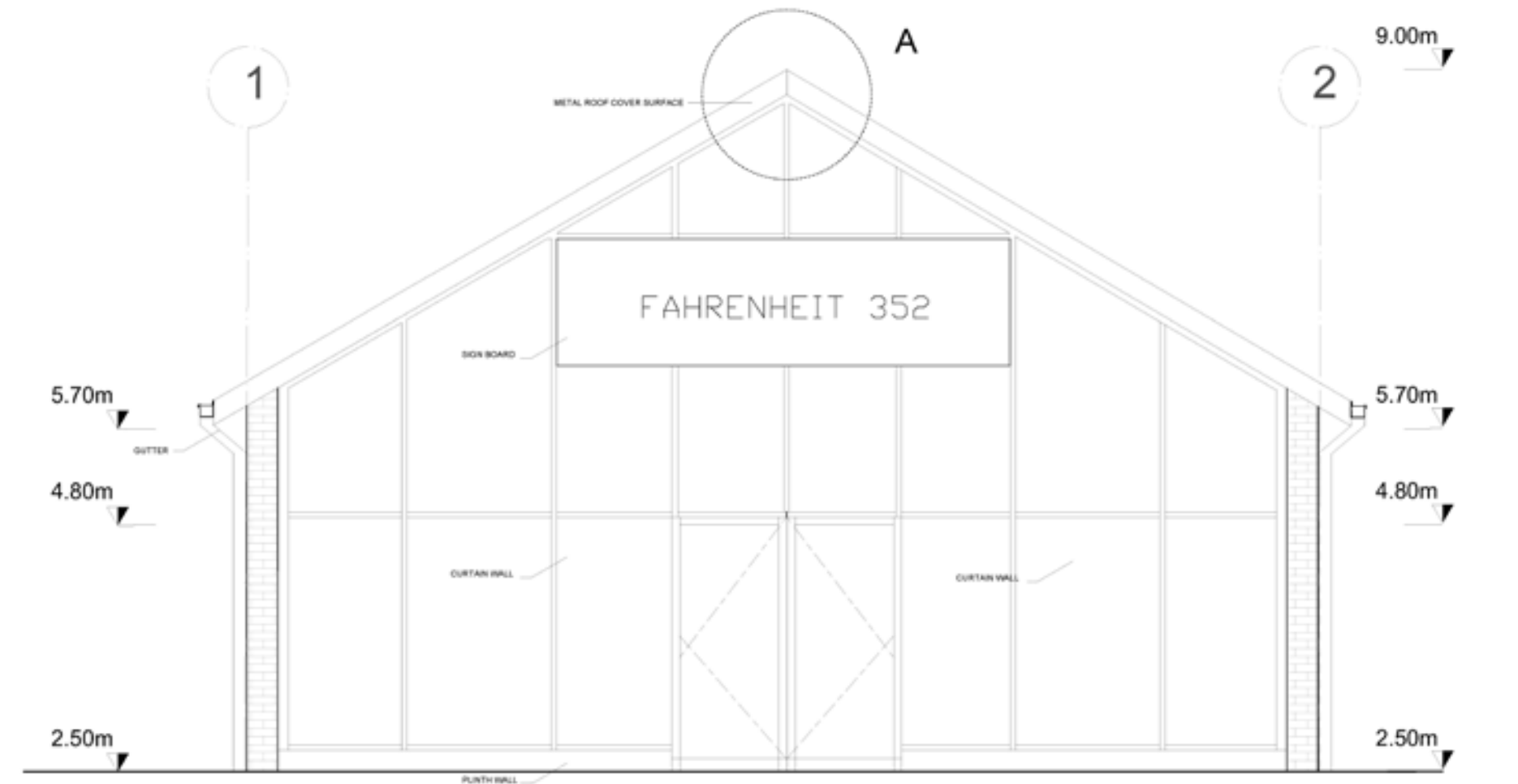




- COMPACTED SOIL
- FINE GRAVEL
- COURSE GRAVEL
- SAND
- REINFORCED CONCRETE
- CONCRETE
- HEAT INSULATION
- IPA 400
- Ø 30cm DRAIN PIPE
- LEVEL SYMBOL
- DOOR SYMBOL
- LEVEL SYMBOL (PLAN)



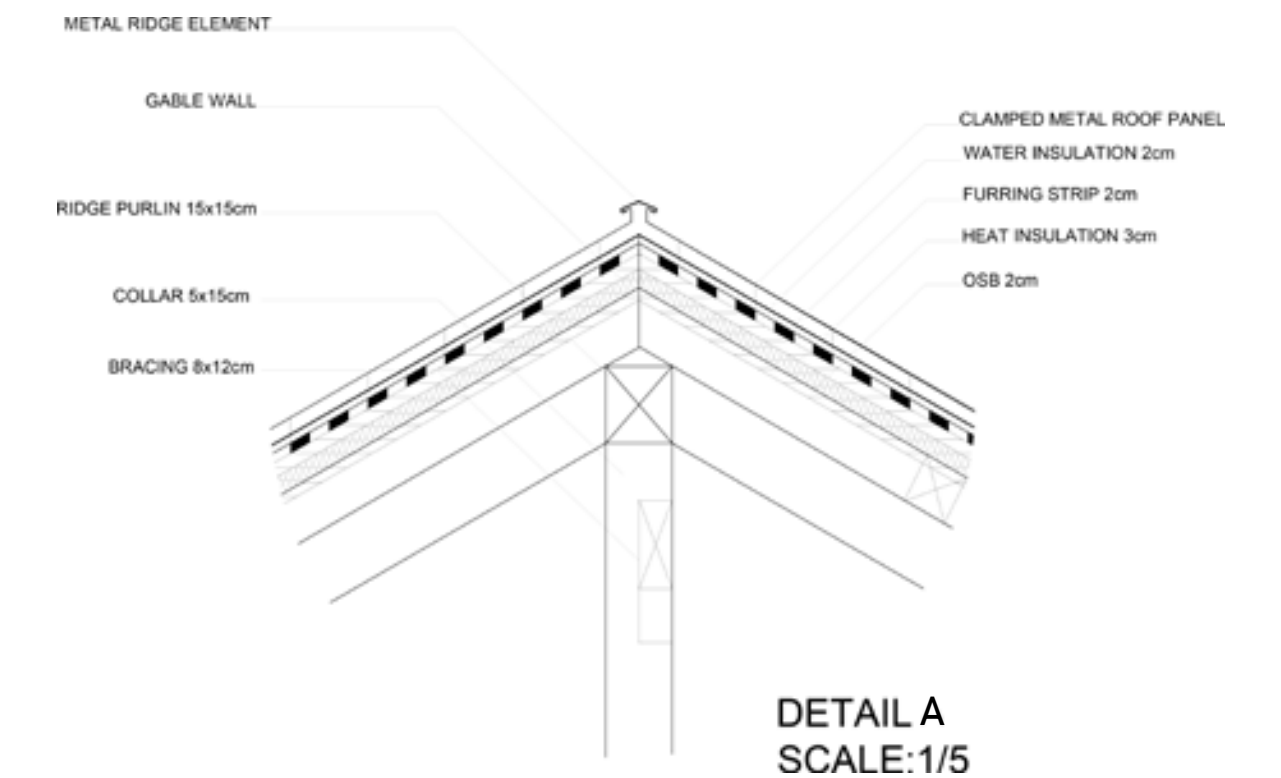
PARTIAL SECTION  
SCALE:1/20



NORTH ELEVATION  
SCALE:1/20



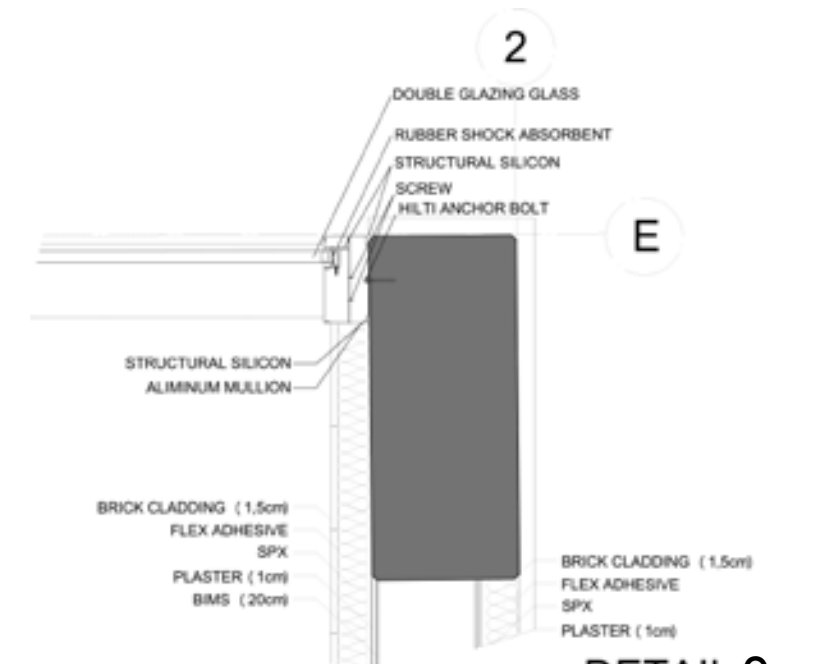
PARTIAL PLAN  
SCALE:1/20



DETAIL A  
SCALE:1/5



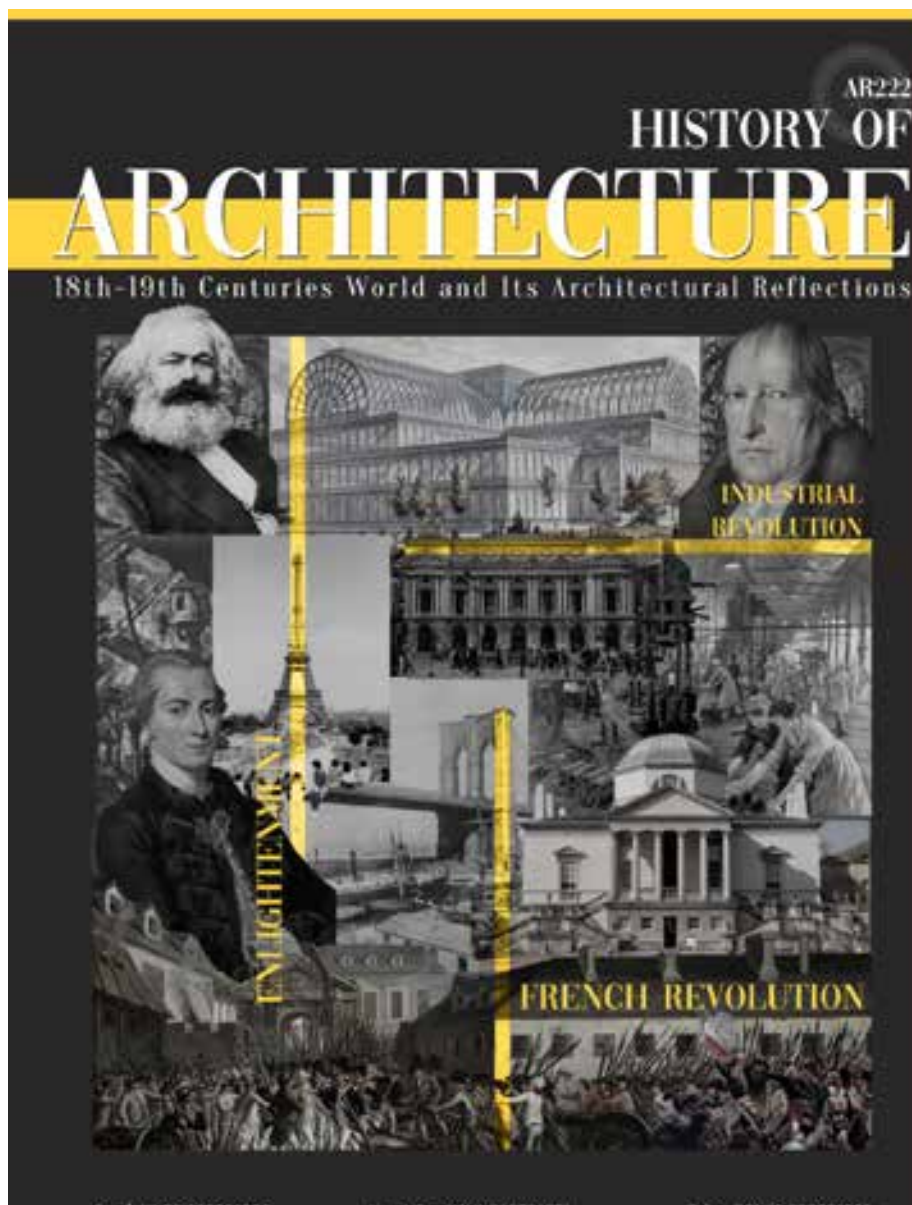
DETAIL B  
SCALE:1/5



DETAIL C  
SCALE:1/5



# ARCHITECTURAL HISTORY MAGAZINES



The French Revolution is a social revolution that became inevitable as a result of the political, social and economic crises experienced in 18th century France. The revolution was not only effective on France, but the concepts such as equality, freedom and nationalism, which gained importance with the revolution, had effects on a global scale.

The absolute regime, which was dominant in many countries in Europe at that time, was affected by these currents of ideas spread by the revolutionaries, and the nations were dragged into revolution with the idea of gain their freedom.

In France, which was ruled by an absolute regime, there was a belief that the king received the power from God. Also the king was collaborating with the aristocrats to achieve a more effective rule. Over time, most state institutions were united under the auspices of the king. The king began to see himself as the state itself. Since the first quarter of the 18th century, the French administration was on the verge of collapse in administrative and economic terms.

## FRENCH REVOLUTION



In 18th century French society, the people were divided into three social classes. The first class was the priests, the second class aristocrats, and the third class was the Third Estate, which consisted of the bourgeoisie, artisans, peasants and workers. As a result of the economic problems in the country, each of these classes faced different problems within themselves.

With the industrial revolution, there were migrations from the village to the city, these migrations caused economic imbalances and the social structure broke down. The rapid increase in the population increased the need for agricultural production, but production could not be made as a result of the low population in the village. It caused the classes that gained power from the land to lose power.



The Age of Enlightenment is the era in which Europe's individual and social sense of innovation was formed. In this age, thinkers relied only on reason and science to know the world and human, critical thinking was developed, scientific knowledge was accepted as absolute truth in every field, and it was foreseen that the source of reason and enlightenment was nature. The basic principles accepted by the Enlightenment thinkers: rationalism, scientific, enlightened religion, rejection of metaphysics, progressivism, humanism, and individualism. All these enlightening and innovative thoughts brought along a scientific revolution.

## ENLIGHTENMENT



Thinkers such as J. Locke, H. Rousseau, Voltaire, and Montesquieu believed that a form of government that would make people happy could be achieved with reason, and that monarchical government should come to an end. The ideas of these intellectuals such as freedom, equality, and a form of government based on elections began to spread among the people. Over time, enlightenment movements emerged, religion began to lose its current authority, and it led people to have the duty to know, and the age of reason that emerged with the 17th century English revolution gained power.



Enlightenment movements have provided important developments in many areas. Archaeology is one of these fields. Archaeology, which started with the renaissance movements in the 15th and 16th centuries, gained momentum with the enlightenment movements, and important developments were achieved with the excavation of Roman cities such as Pompeii and Herculaneum.



The historical artifacts unearthed as a result of the excavations were exhibited in museums such as the Hermitage Museum, the British Museum, and the Louvre Museum which were established in the 18th century. In this context, the 18th century has been a period in which important awareness and achievements were gained in the historical and intellectual sense.

After the archaeological excavations, the historical consciousness was awakened, and as a result of the desire to reconstruct the Ancient Greek and Ancient Roman architecture, it led to the birth of Neoclassical architecture. The architectural movement born with this awareness can be called archaeological neoclassicism.



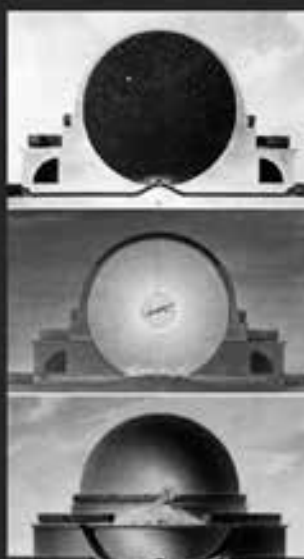
## NEOCLASSICISM



The French revolutionaries had great sympathy for Greek and Roman art and turned art into a propaganda material. The neoclassical movement found wide application areas with Napoleon coming to power, so much so that it is possible to see the effects of neoclassicism in many works of the period. This can also be called revolutionary neoclassicism. We can see the important reflections of this in the Caesar effect of the primary statues, rather than painting and sculpture. It was the architecture that was most affected by this movement.

Ernest-Louis Boulle was a visionary French neoclassical architect whose work greatly influenced contemporary architects. Inspired by classical forms, he developed an abstract language of his own.

The repeating column openings were the most important parts of the symmetry and diversity style. His interest in magnificent designs and his focus on volume and light defines him as a personality beyond his time that inspires architects even today.



Andrea Palladio's written works describing Ancient Greek and Roman works and techniques were translated and reproduced in this period, and his ideas were taken as examples by many architects. Thus, Palladian architecture, which had been influential in the 16th-17th centuries, reappeared as the Palladian revival in the 18th.

Arriving in England, Palladianism spread over time in America and most of Europe. Francesco Maria Moretti in Italy, Georg Knobloch in Germany, Thomas Jefferson in the USA, Charles Cameron and Giovanni Battista Piranesi in Rome became the representatives of this movement and spread its spirit.

The most characteristic feature of the Palladian architecture is the splendid symmetry with the triangular pedimented porticoes. The domes and windows that refer to Roman and Greek temples reinforce this symmetry. Porticoes and semi-open spaces are generally supported by columns and pillars.

The overall style is dominated by a mathematical order along with a simple splendor.



It is a villa showing five palladian features in the Chiswick district of London, England. The garden was originally created by architect and landscape designer William Kent and is one of the earliest examples of the English landscape garden.

## CHISWICK HOUSE



In engineering, 18th century the common elaborate state of mind is that it is obsolete. It is the combination of diverse building styles in a single structure. The going with Neoclassicism incorporates a united historical stage characterized by the classical not as it were of Greek and Roman antiquity, but moments of afterward complex periods. It accepts that by discarding the style of modern materials, they will imitate the ancient and raise a united approach from the ancient past.

Beginning with the end of the 18th century, modern architecture continued until the end of the 20th century. Modernism is an architectural movement or style of architecture based on new and innovative construction techniques, particularly the use of glass, steel and reinforced concrete. While embracing innovation with the modern form follows function, it completely rejected ornament. The passion for finding and creating something new that developed in the 19th century created a break with historical architecture. New materials were used in making structures that had not been made before.



The Gothic revival developed in the 1820s as a reaction to neoclassicism. It changed in response to the rapid life of the industrial revolution under the leadership of Buckton and Pugin. It can be accepted as the reflection of Romanticism in Architecture with its roots in the past.

John Ruskin called as second French imperial architecture or Victorian in Germany. It is an architectural style used in the late 18th century. In the period when imperialism was in Europe, the architectural style has developed as a reflection of the political power of England and France. Italy and Germany accept the baroque revival. It proved that Britain was accepted as an imperial power. Germany of the baroque architectural tradition was an important part of the curriculum of the Frank des Baukunst in Paris, the leading school of architecture in the second half of the 18th.

## ARCHITECTURE



Neoclassicism is the revival of ancient Greek and ancient Roman styles. This style, which came to life with the discovery of archeology, started in Italy after the Athens and Pompeii excavations. It spread to countries such as Germany, where Baroque and Rococo styles were common, and found a place for itself. As a result of the admiration of ancient civilization, they thought that the understanding of art of ancient times was the purpose.



"Wasteman and Park" and "Garden City Movement" projects were implemented as a reflection of the industrial revolution. The movement aimed to produce a new type of urban environment, one that was more livable and less crowded. The movement led to the development of the Garden City movement, which aimed to create a new type of urban environment, one that was more livable and less crowded. The movement led to the development of the Garden City movement, which aimed to create a new type of urban environment, one that was more livable and less crowded.

As a result of 1880 Garden City movement in England, inspired by the Arts and Crafts movement, aimed to produce a new type of urban environment, one that was more livable and less crowded. The movement led to the development of the Garden City movement, which aimed to create a new type of urban environment, one that was more livable and less crowded.




The interest in concrete that started in the 18th century continued with the development of ironworks and concrete. In the 19th century, concrete, which was used as a general material in houses, became widespread as a result of its integration with steel. After that time, it started to form its own movement in the new life of the period with its reinforced concrete durability. Steel construction and reinforced concrete began to be used extensively in the construction of industrial buildings and bridges.





# ARCHITECTURAL HISTORY MAGAZINES

AR222  
HISTORY OF  
ARCHITECTURE  
Transition to Modernist Architecture In the World



Fatih UNER 200301009  
Umut Can KAYA 200301026  
Zehra DEMIR 200301058

ART AND CRAFT MOVEMENT

This movement, which started in 19th century by being inspired by the rising socialist thought Architect Augustus Pugin, writer John Ruskin and designer William Morris tried to unify craft and art for people who is crushing under the industrialization. In response to classism and cheap, poor quality industrial products, they produced handmade products inspired by nature. Sounds of the 1st world war began to be heard. Movement could not go so far when it did not receive support from the public.



Wallpaper  
by William Morris  
1902



Art Nouveau  
by Michel Comte  
Etiennette Street  
Riga, Latvia

RIGA

One third of the building stock in the center of the city of Riga, which is located within the borders of Latvia today, consists of Art nouveau buildings. Apart from having the densest Art Nouveau building stock in the world, they have built the identity of a city a nation, by local architects. Local decorative arts companies have also imported sculptures, stained glass and decorative products to the regional Russian and Baltic market.



BARCELONA

Politically and economically, modernism pointed to the effort for independence the class gap that widened during the 19th century meant the revival of Catalan culture and national traditions for patron of the bourgeoisie and one of the most famous was Gaudí himself. They bonded with the famous architect of Barcelona, Antoni Gaudí, by mutual friendship and economic profits. Touches of Gaudí's art showcased the new patron's Catalan nationalism as well as the city's prestige.



Casa Batlló  
Antoni Gaudí  
Barcelona, Spain  
1912

SAGRADA FAMILIA

Immortal work of Catalan architect Antoni Gaudí. Gaudí's attempt to turn the project into an architectural masterpiece, which he later undertook in 19th century, continues today. This church, which Gaudí, who was a strict Catholic, took his duty until the end of his life, will reach the title of being the largest catholic church in the world when it is completed.



Sagrada Família  
Antoni Gaudí  
Barcelona, Spain  
started at 1902

## ARTNOUVEAU "NATURAL PERSPECTIVE FOR LIFE"

The Grand House  
by Victor Horta  
City of Brussels, Belgium  
1911




New Classical  
Art Nouveau  
by Paul Mandelstam  
Riga, Latvia  
1913



National  
Soviet  
Art Nouveau  
by Konstantin  
Fokin  
Detail with typical  
National Movement  
decorations  
1908



Park, Coast, Portico  
Antoni Gaudí  
Barcelona, Spain  
1910



Casa Milà  
Antoni Gaudí  
Barcelona, Spain  
1912



This magnificent building, which shows in the peak points of the art of sculpture and ornamentation, contains many elements from the Bible and the Catholic faith on its facades. In addition to all this catholic symbolic expression, there are motifs about nature in sculptures and embroidery not only with the motifs, but also with the structural columns, the capitals symbolized the trees in the interior.



Sagrada Família  
Antoni Gaudí  
Barcelona, Spain



BAUHAUS

HISTORY

Radical ideas and experiments were allowed in Germany after the First World War, but in this radical movement (after Germany was not affected by these thoughts and argued that the future was political). Due to school situation due to pressure, the ideas of the Bauhaus movement, the policy, along with the changes in science and technology, were also negatively affected. Along with the rising trend of fascism in Europe, the Nazis argued that it was spreading communist intellectualism and closed the school in 1933.



EFFECT ON MODERN ARCHITECTURE

German Bauhaus architects fleeing the Nazi oppression regime are scattered all over the world, especially in America and Switzerland. The school continued to spread its light against its disposal to the four corners of the world.



DESIGN IDEA

Influenced by William Morris, one of the pioneers of the Art Nouveau movement, they argued that art should meet the needs of society and that form and function should be inseparable. Modernism, which emerged in Germany at the end of the 19th century, introduced, together with the Bauhaus, the idea that nature's simplicity and form could inspire modernity, functionality, and mass production with the artistic spirit of the individual.




Unlike Art Nouveau, Bauhaus adopted the principles of mass production, but combined this with the artistic approach of the architect. One of the main goals of the Bauhaus was to combine art, craft, and technology. No matter how much Bauhaus identified with architecture, it was more of an art design school. In the field of industrial design, very important steps have been taken, especially in modern furniture design.



WALTER GROPIUS

"SIMPLE FORM QUALITY SPACE"

In Dessau, Gropius designed the schoolhouse and faculty residences. (1925-1926). He had created one of the best-known and most successful examples of Modern Architecture. The building itself reflected his ideas that combined throughout his life. With its dynamic composition, asymmetrical plans, smooth white walls, and flat roof they were the milestones of international style.



Walter Gropius  
by Walter Gropius  
Dessau, Germany  
1926

MIES VAN DER ROHE

"LESS IS MORE"

Mies Van Der Rohe is one of the most important representatives of modernism. His reputation was influential in the entire design world, and he brought the phrase "less is more" to the entire design world. Mies began his career working with two prominent representatives of modern architecture, Walter Gropius and Le Corbusier. He took over the management of Bauhaus in 1930 and conducted this duty for 3 years.



Mies Van Der Rohe  
by Mies Van Der Rohe  
Barcelona, Spain  
1929

BARCELONA PAVILION

"RESIDENT STATUE"

Mies designed this pavilion for the "International Style" exhibition. What Mies wants to capture in this design is to design a building sculpture. He supported this idea with the different types of materials he used.

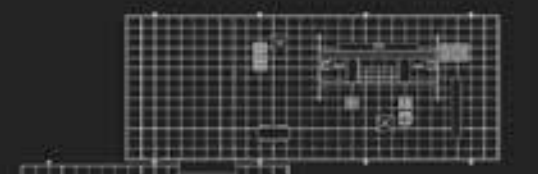


Barcelona Pavilion  
by Mies Van Der Rohe  
Barcelona, Spain  
1929

FARNSWORTH HOUSE

"TRANSPARENCY"

Farnsworth House is Mies' design to celebrate a strong relationship between nature and nature that rising glass. The windows extending from the roof to the floor, which he placed between the flat plates he used on the roof and the floor, connect the spaces to the forest. Thus, he created a work that respects nature with minimal impact on nature.



Farnsworth House  
by Mies Van Der Rohe  
Illinois, USA  
1946

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Tal Aviv in the Israeli capital houses more than 4000 members of the Bauhaus in its international style. It was designated as a "World Cultural Heritage Site" by UNESCO in 2008.



Considering his architectural career, we can see the reflections of his unique style that continues at every point of his life, even though he has gathered his greatest achievements in education and writing.



The Gropius Building  
by Walter Gropius  
Dessau, Germany  
1926

By 1932, Mies' works attracted great attention in the "International Style" exhibition. In 1933, he immigrated to the United States where he began to introduce the "Second Chicago School", a simplified linear skyscraper by design exemplified with Le Corbusier's Drive and the Seagram Building. At the same time, he tested the low pavilion typology at the Farnsworth House, and produced an iconic architectural work in America with the Farnsworth House.



Seagram Building  
by Mies Van Der Rohe  
New York, USA  
1958

Barcelona Pavilion  
by Mies Van Der Rohe  
Barcelona, Spain  
1929



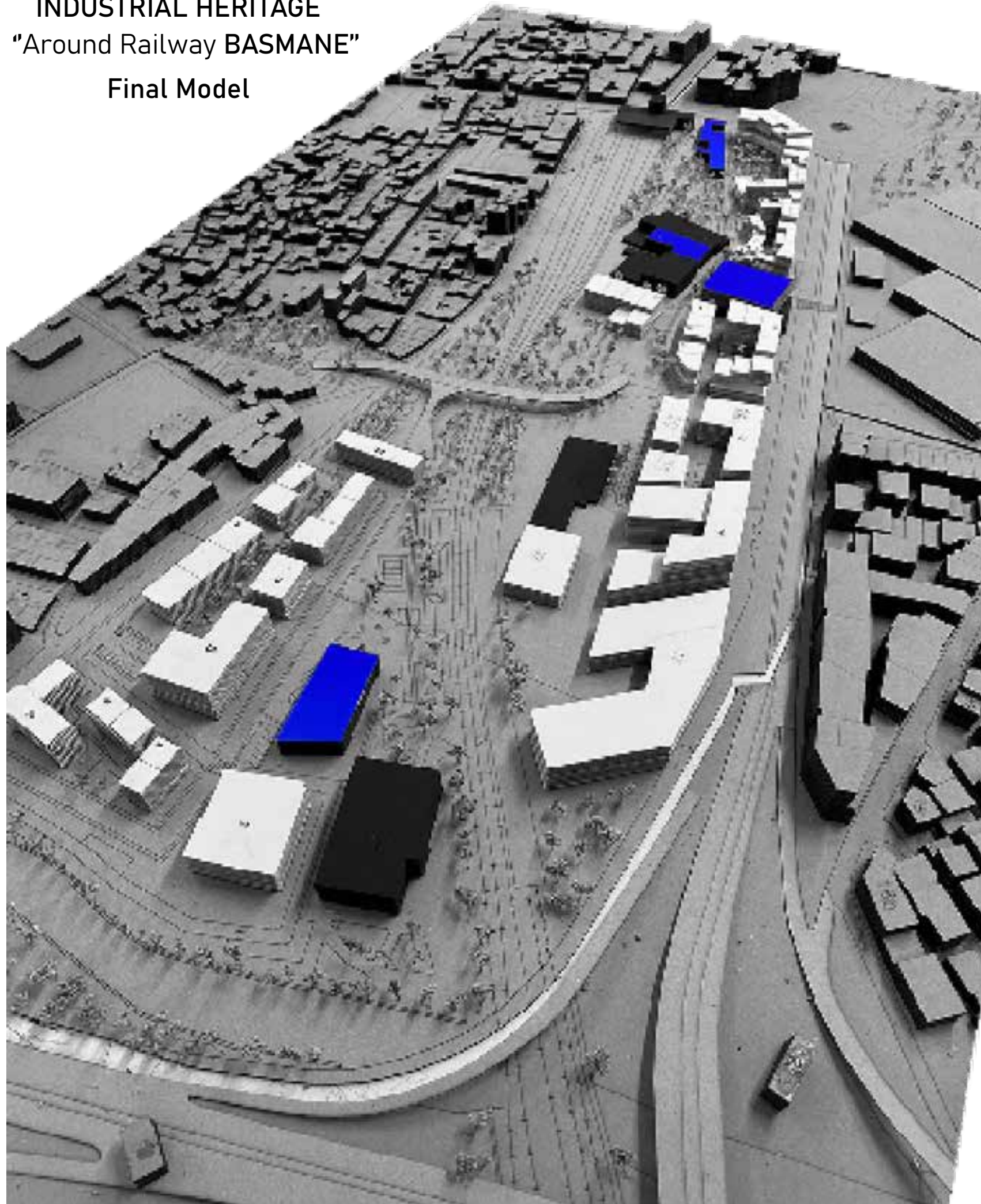
Farnsworth House  
by Mies Van Der Rohe  
Illinois, USA  
1946



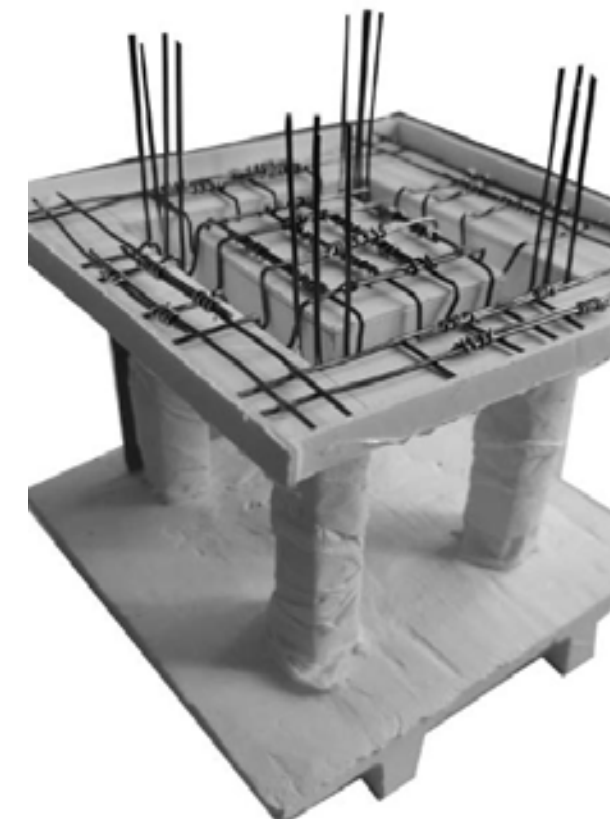


# ARCHITECTURAL PYHICAL MODEL MAKING

INDUSTRIAL HERITAGE  
"Around Railway BASMANE"  
Final Model



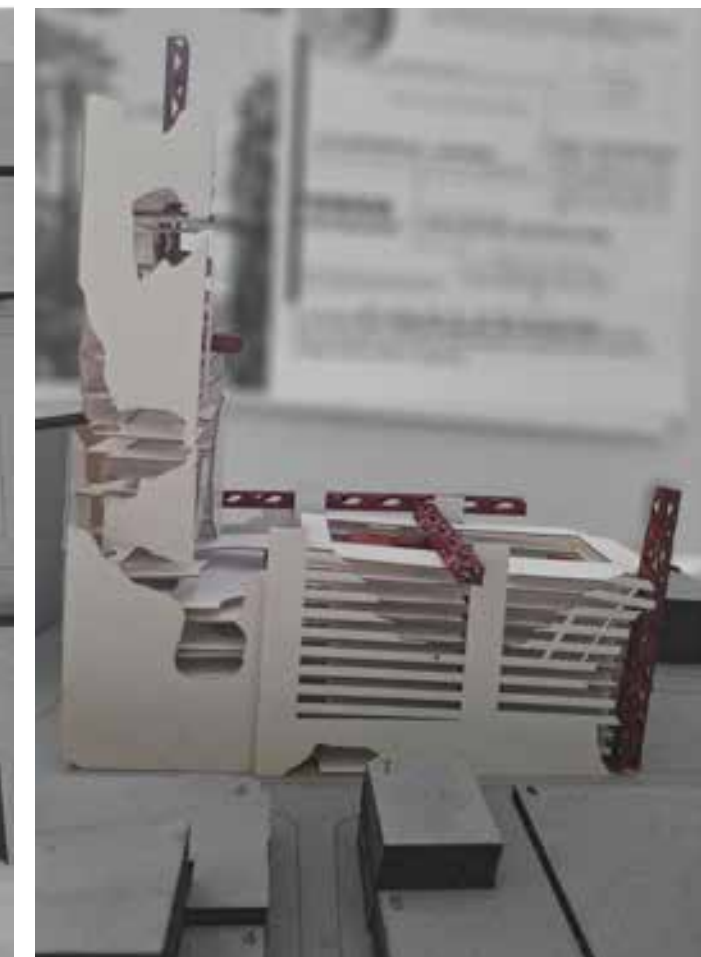
IMPLEMENTATION PROJECT  
"Detailed Model"



BUILDING STRUCTURE  
"Plaster Model"



ARCHITECTURE OF DESTRUCTION  
"Strategic Demolition"



NEPENTHES  
Cerenity Campus



# THANK YOU.

I truly appreciate that you have visited my projects feel free to share your thoughts.

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