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CULTURAL ARCHITECTURAL  
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MEHMET YALÇIN DEMİRCAN  
2022



Hi, I am Mehmet Yalçın Demircan. I graduated from Kadir Has University with GPA of 3,10/4,00.

I started studying Architecture at Kadir Has University in 2016. In 2021, I started Architectural Design Master's education at MEF University. In my work, I focused on "the moment the machine works". I try to make architectural production with a user-oriented and environmentally friendly approach. I enjoy dealing with the building details and I am confident about it. In my previous teamwork, I usually took the modeling task. I am trying to improve myself in competitions and some boutique works.

#### References:

Assoc. Prof. Dr. Birge Yıldırım Okta  
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Lecturer at Kadir Has University  
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Professor at Kadir Has University  
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for more....

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MALTEPE/İSTANBUL

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competition project (1st prize)

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student project

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competition project (1st prize)

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student project

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student project

## EDUCATION:

MEF University | Graduate

Institute of Science | Architectural Design  
2021 - ...  
GPA: 3,80

Kadir Has University | Undergraduate

Art and Design Faculty | Architecture  
2015 - 2020  
GPA: 3,10

Isparta Anatolian Teacher Highschool | Highschool

2010-2014

Science and Art Education Center | External

2006-2020

## EXPERIENCES:

**OKTAATOLYE** | Competition

+ Epidemics and Health Workers Memorial Place

**\*1st Prize** 🏆

İstanbul

2021 Spring

-3D modelling, drawing

+ Karapınar GES SCADA Building Architectural Project Competition

**\*Mention Prize** 🏆

İstanbul

2021 Winter

-3D modelling, design process

+ Memorating Mimar Sinan in Uskudar

**\*Equivalent 1st Prize** 🏆

İstanbul

2021 Spring

-3D modelling, design process, drawing

+ Meles Stream as Urban and Ecological Backbone National Urban Design Idea Project Competition

**\*1st Prize** 🏆

İstanbul

2020 Summer

-3D modelling, design process, drawing

**KAA WORKS** | Competition

+ Salacak Coast Urban Design Competition

**\*3rd Mention** 🏆

İstanbul

2020 Summer

-drawing, design process

+ Bakirkoy Square Urban Design Competition

**\*Participant**

İstanbul

2020 Summer

-3D modelling, design process

**YPT İNŞAAT MİMARLIK** | Internship

+ intern, office

Villa Project

İstanbul

2019 Summer

**Atlas İnş. San. Tic. Ltf. Şti.** | Internship

+ intern, construction site,

Isparta Intercity Terminal and Life

Center

Isparta

2018 Summer

## LANGUAGE

Turkish (native) + + + + +

English (B2) + + + +

Adobe After Effects + + +

Adobe InDesign + +

Adobe Illustrator + + +

Adobe Photoshop + + + + +

AutoCAD + + + +

Grasshopper + + +

Lumion + + +

Microsoft Office + + + +

Python +

Revit + +

Rhinoceros + + + + +

Sketch Up + + +

## MANUEL SKILLS

Hand drawings + + + + +

Painting Skill + +

Model Making + + +

Quick Sketching + + + + +

## INTERESTS

Music

Cinema

Art

Playing instruments

Digital artwork

Photography

Sport



for more....

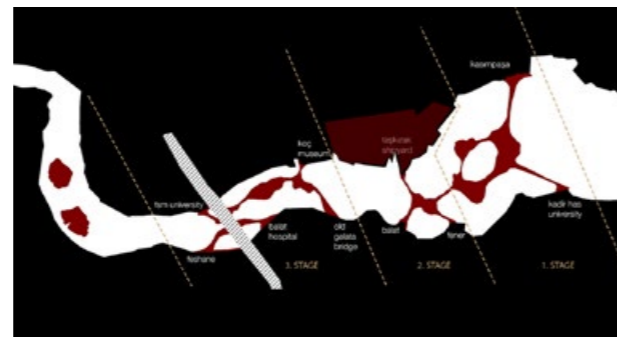
# 6 COPULA

with: İpek Üstündağ, Şeyma Cesur, Gökhan Şen  
 KADIR HAS UNIVERSITY  
 2019/2020 FALL SEMESTER  
 ARCH-401: ARCHITECTURAL DESIGN V  
 "INHABITED BRIDGE"  
 INSTRUCTOR: ASSOC. PROF. BIRGE YILDIRIM OKTA



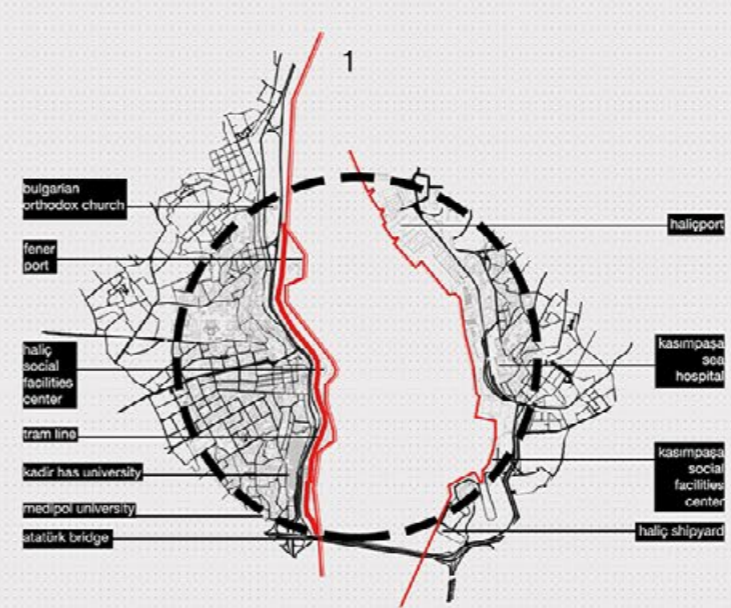
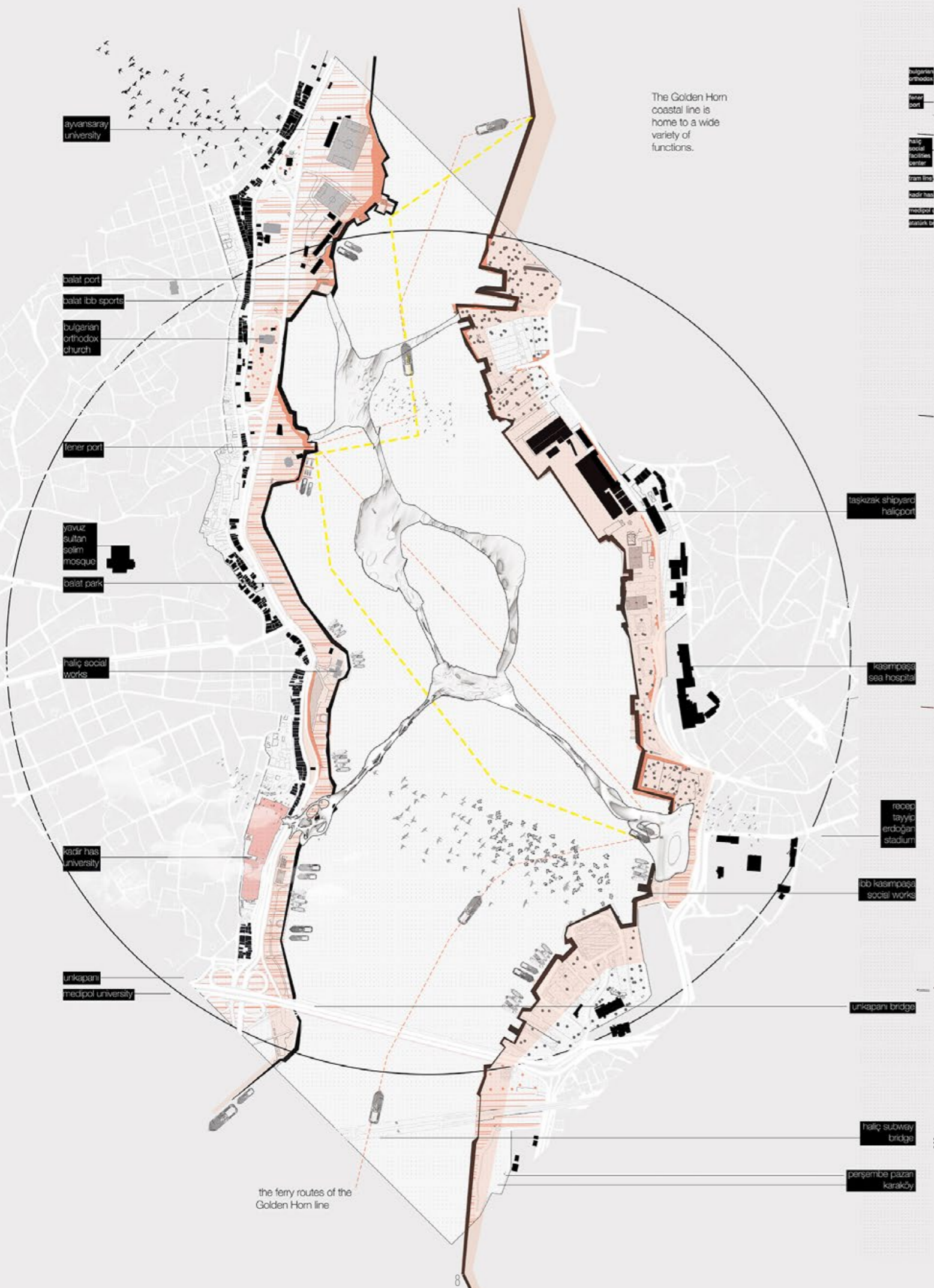
**Copula,**  
 the Golden Horn; which has a rich cultural heritage,  
 It is a context project that takes back the fragmented  
 coasts of the past and the present and reunites them  
 over water.

**copula: [noun]** two or more things interconnected, relationship,  
 contact, context



The Golden Horn, which has valuable spatial memory  
 and cultural heritage, has two shores facing each  
 other, but with some decisions that were ignored in the  
 upper scale, it was divided into pieces at the shoreline  
 too and lost its integrity in time. Many industrial,  
 cultural and historical heritages survive on the shores  
 of the Golden Horn in singular and disconnected  
 forms. Copula aims to create a connection between  
 these disconnections by new relationships. Copula  
 not only connects two shores, also suggests routes on  
 the shoreline.

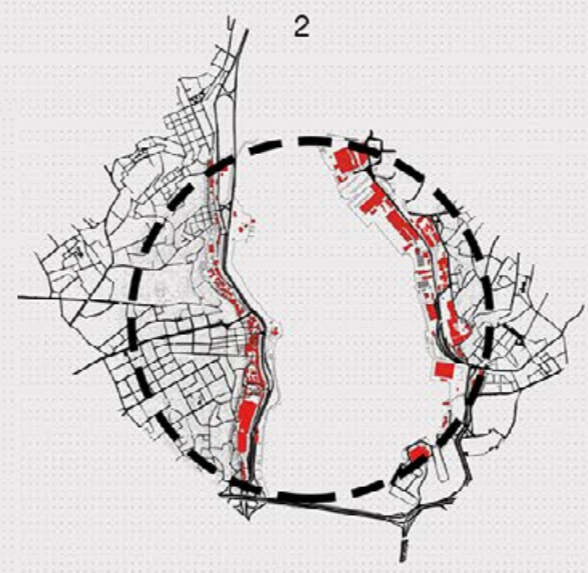




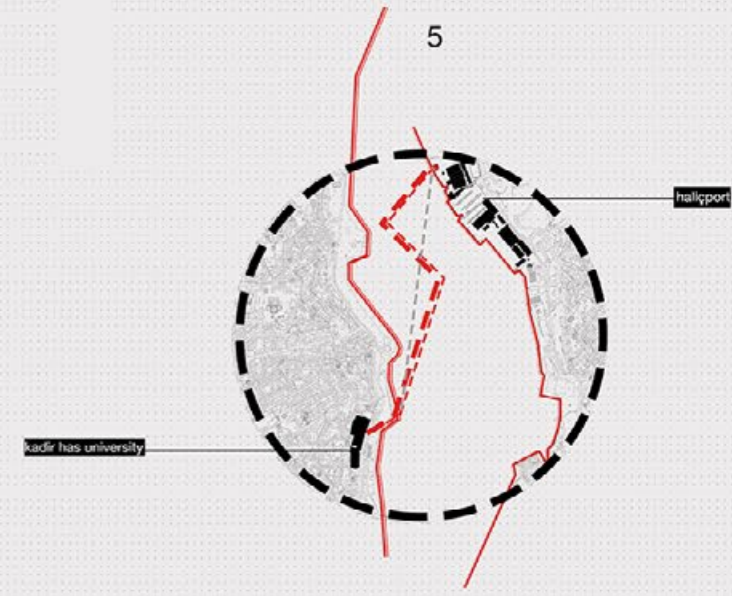
integrity at the site



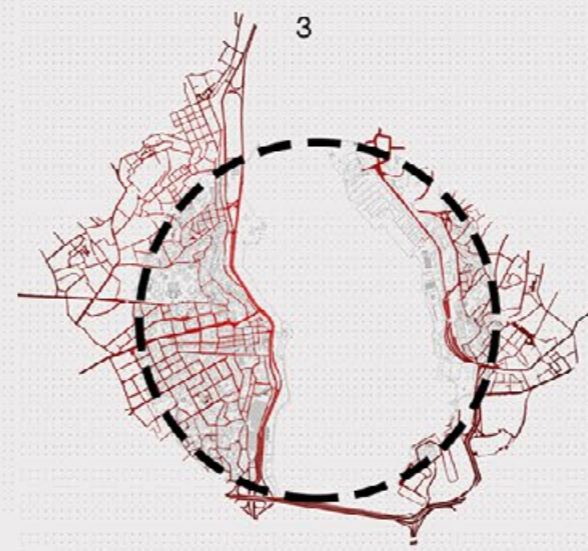
density zones



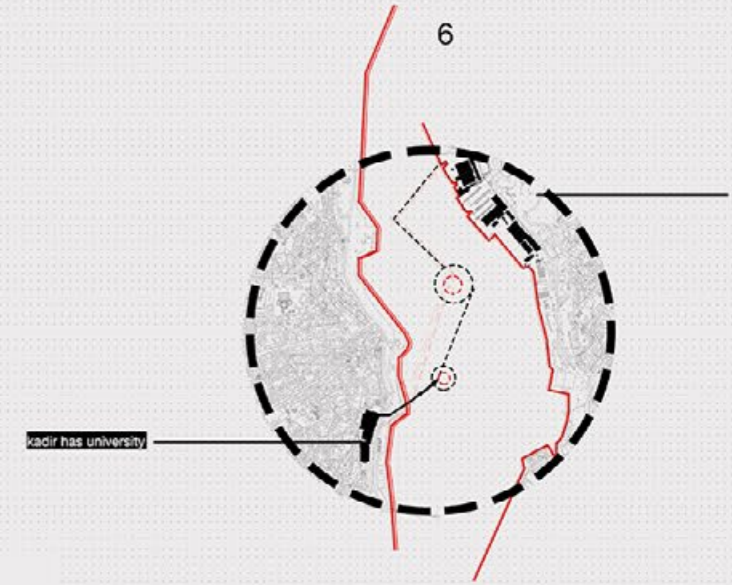
shoreline building contours



connection of density zones on Golden Horn

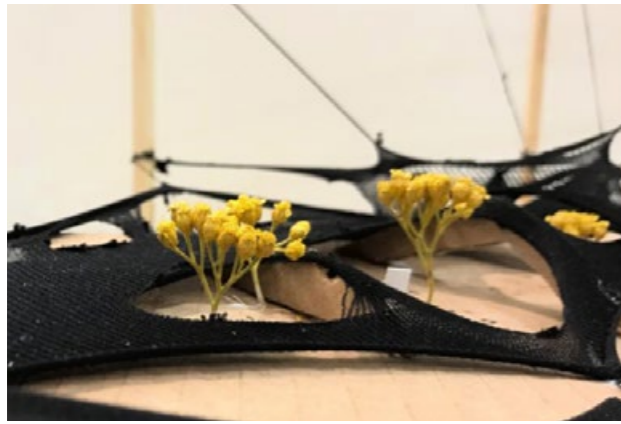


road axes articulated towards the shore



the linkage



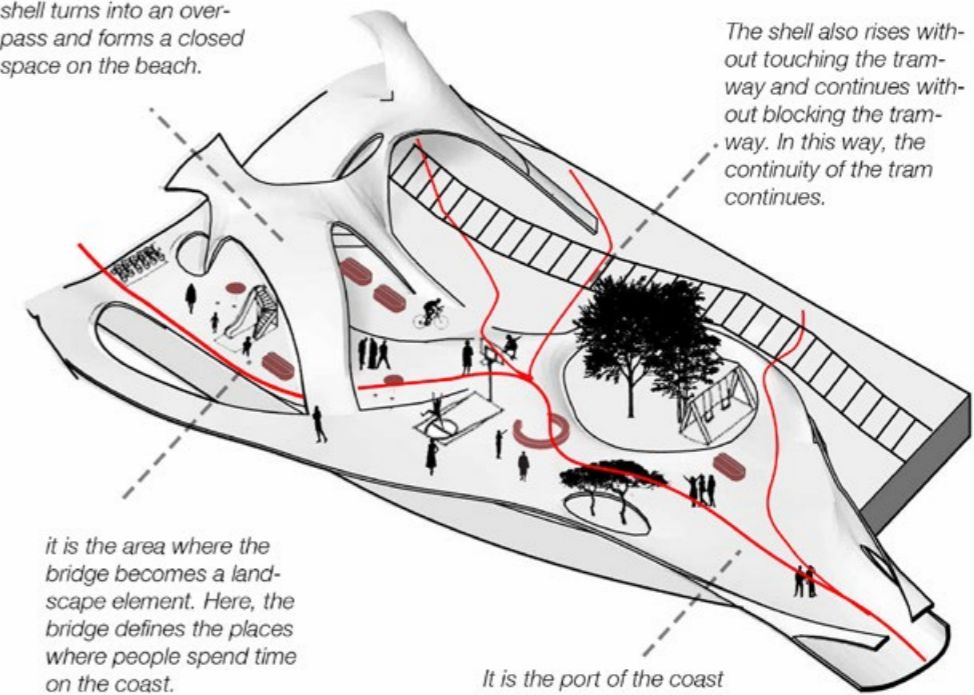


The bridge, designed in the name of this context, transforms into an functional organism that clings to the entire Golden Horn. The water thought to separate the two sides; has gained a meaning that connects disconnections on land. Existing bridges connecting two points on the Golden Horn are far from living with the Golden Horn. Bridges, which serve mostly vehicle traffic, are not usefull for pedestrians. Although people somehow cross with the vehicle, this still impossible for animals. At this point, Copula works as a pedestrian route independent of vehicle traffic; and creates social and cultural routes by using the city symbols on the coastline and the dense regions that have the potential to be meeting places. The structure designed to connect the coasts; At the intersection points of the routes, the relationship of the city with the water is taken into consideration and offers alternative new spaces on the water in the Golden Horn.



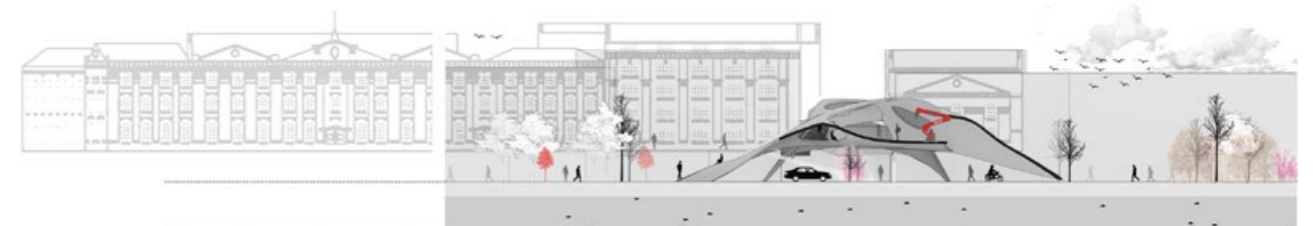
*It is the area where the shell turns into an over-pass and forms a closed space on the beach.*

*The shell also rises without touching the tram-way and continues without blocking the tram-way. In this way, the continuity of the tram continues.*

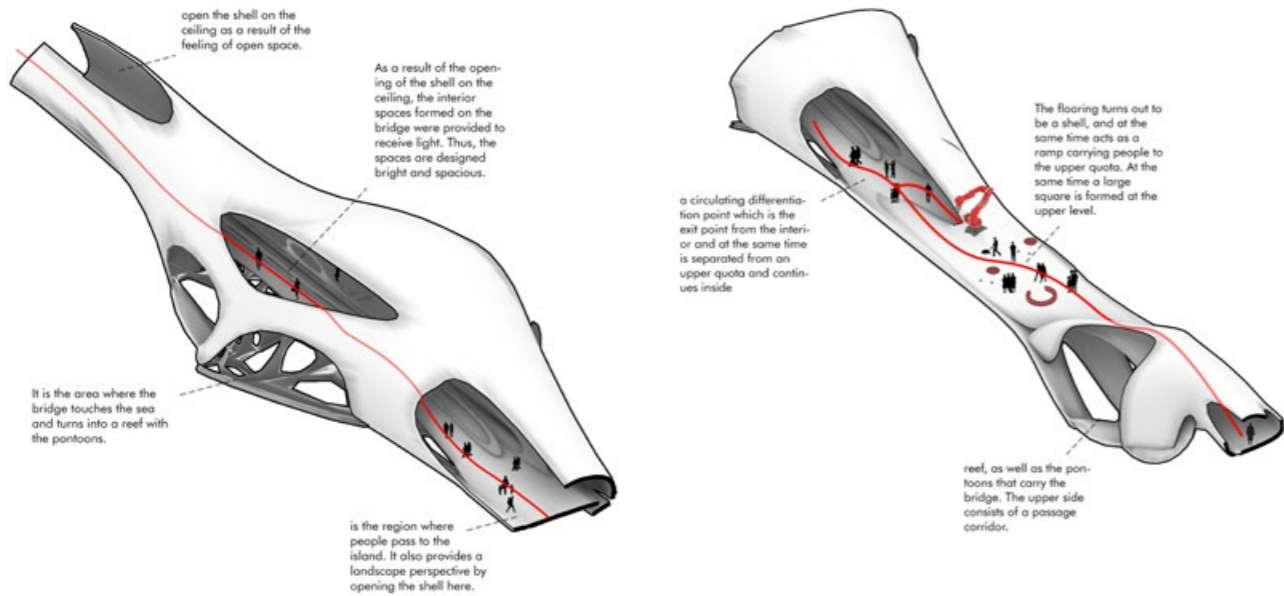


*it is the area where the bridge becomes a landscape element. Here, the bridge defines the places where people spend time on the coast.*

*It is the port of the coast and the bridge. It is the area where the bridge is transformed from a landscape element to a shell.*

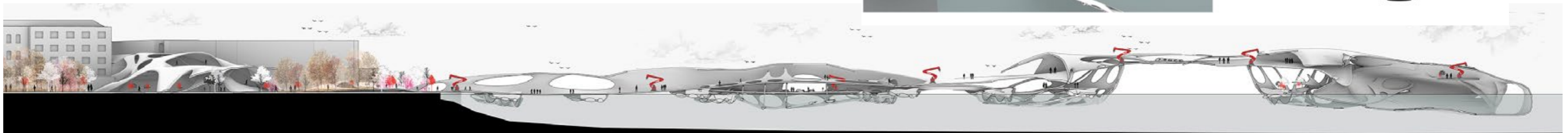






The openings referenced by the reefs in the underwater parts of the organ is create a lighter structure and allow the user to experience larger-scale reefs that bring the water to the surface in the Golden Horn. Thus, the life cycle of every creature living in the region is gotten together in these places.

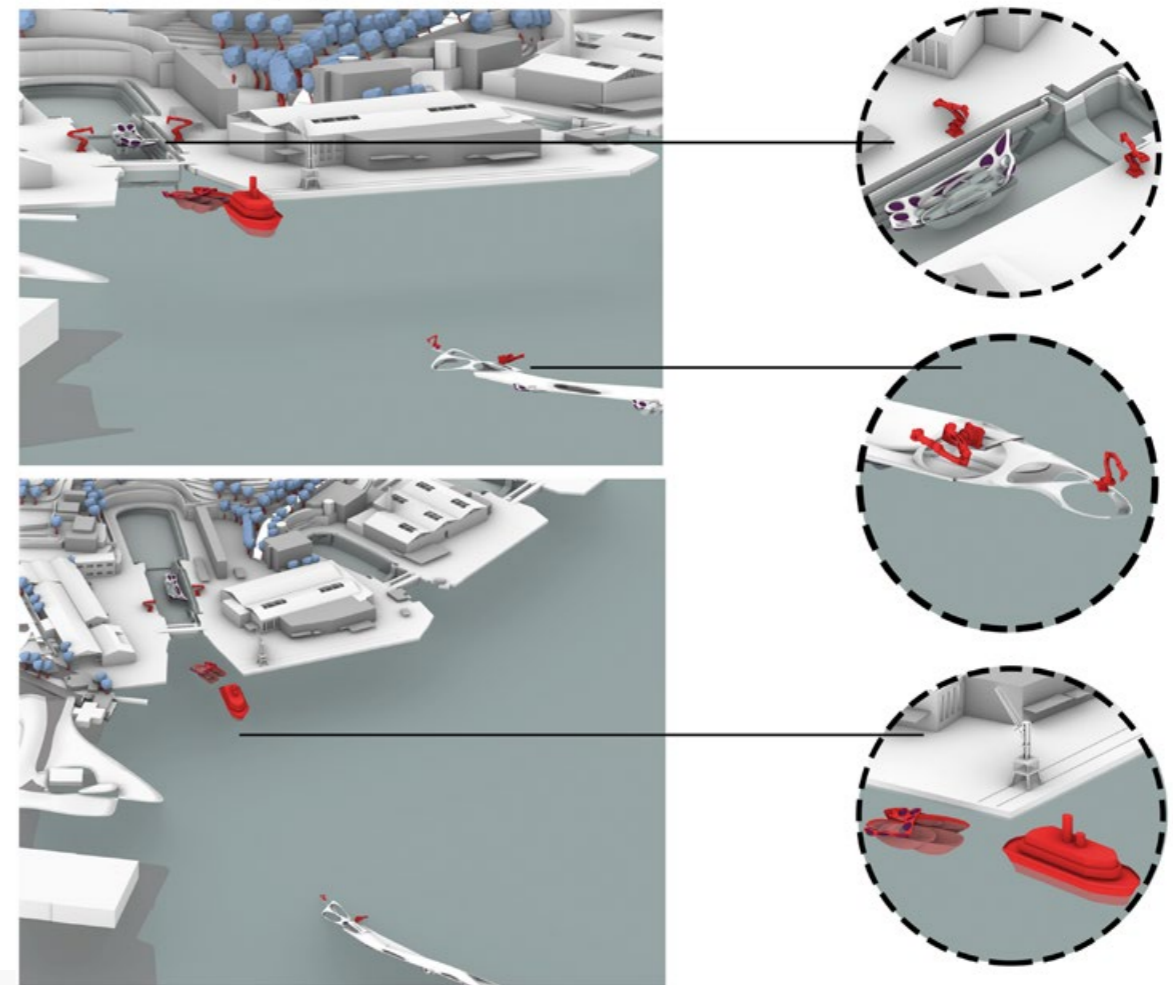
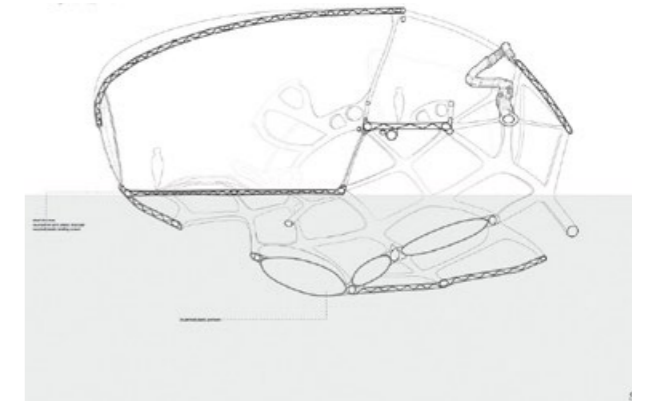
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One of the coordinated robots prints the steel skeleton in front with the 3D printing principle and at the same time uses this structure as a way of completing itself. From behind, another robot moves on the existing steel frame and prints the filling material from recycled materials to form a structure in itself to create the open / closed spaces behind it.

The parts and barges which are difficult to be pressed by the robots on the bridge because they are under water are produced and assembled in the estuary shipyard.

The parts and barges which are difficult to be pressed by the robots on the bridge because they are under water are produced and assembled in the estuary shipyard.





# 14 MELES NATURAL LIFE CORRIDOR

with OKTAATOLYE and PRAXIS LANDSCAPE  
COMPETITION PROJECT  
2020 SUMMER  
Meles Stream as Urban and Ecological Backbone  
National Urban Design Idea Project Competition  
1st Prize



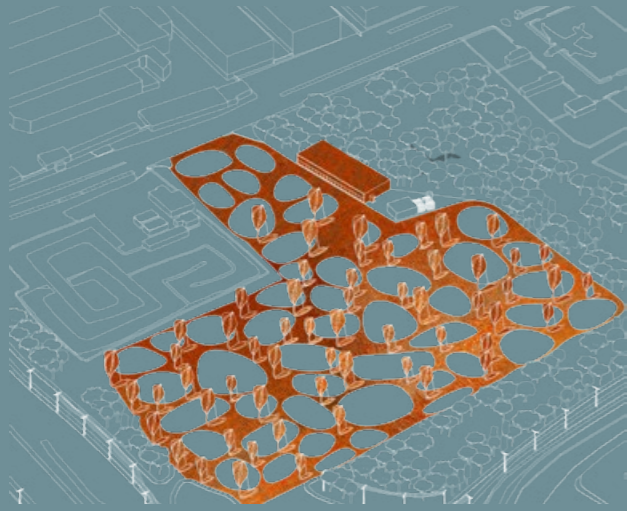
## Meles Natural Life Corridor,

is a semi-dead urban landscape that shows all the intentions and defects of the civilizations we established, in cross-section. It aims to make Meles alive socially and physically with a landscape infrastructure.



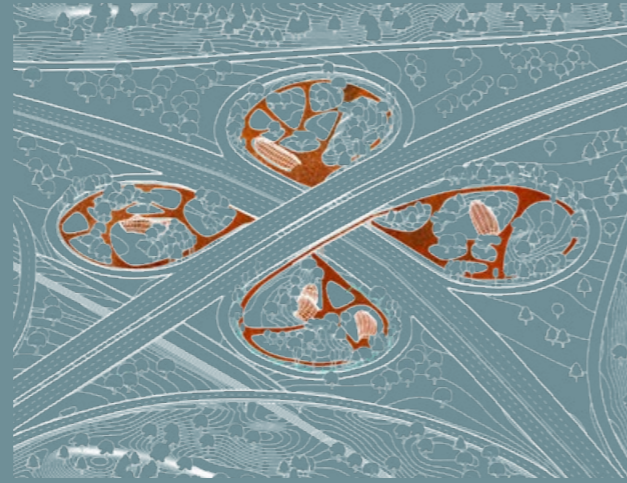
Meles is a natural and cultural heritage that reflects İzmir's past, industry, contradictions, dreams, mistakes, hopes for the future, and reflects all reality that makes İzmir İzmir.





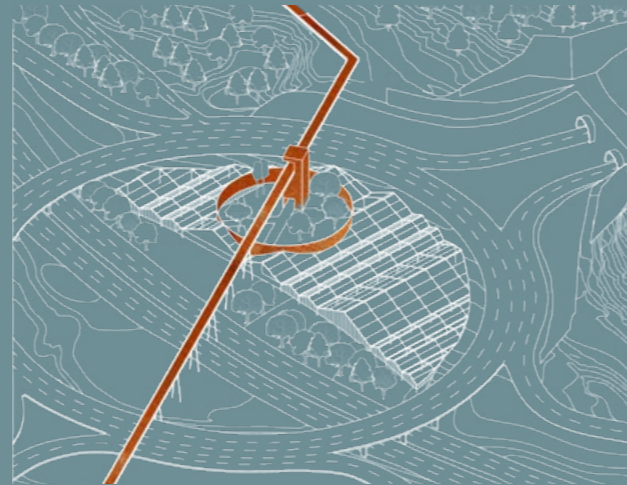
**Science and Renewable Energy Park**  
 It is suggested that this area should be evaluated as a region containing thematic zones based on renewable energy and sustainability and telling the new generations about energy and the future of the planet.

**İzmir Endemics Botanical Park**  
 In this area, a project for the promotion of meles endemics and these products is proposed.



**Paradiso Memory Park (focus area)**  
 It is suggested that this area should be evaluated as Paradiso Urban and Ecological Memory Park and as an open-air museum that alive the historical and ecological heritage of Şirinyer and Meles.

**Martyrs Grove, Menengiç Reserve Area (focus area)**  
 It is suggested that this area continues to be used as a recreation area with ecological protection and education, and at the same time it should be used as a part of the Paradiso Memory Park.







**Librart st.** is a library project under the effect of the streets that live in touch with art. The library, which is integrated without interrupting the life of the street, hosts art-oriented archives.

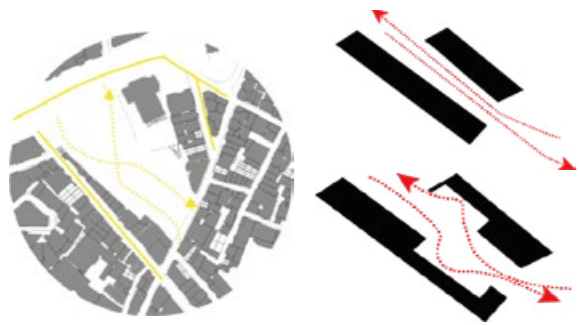
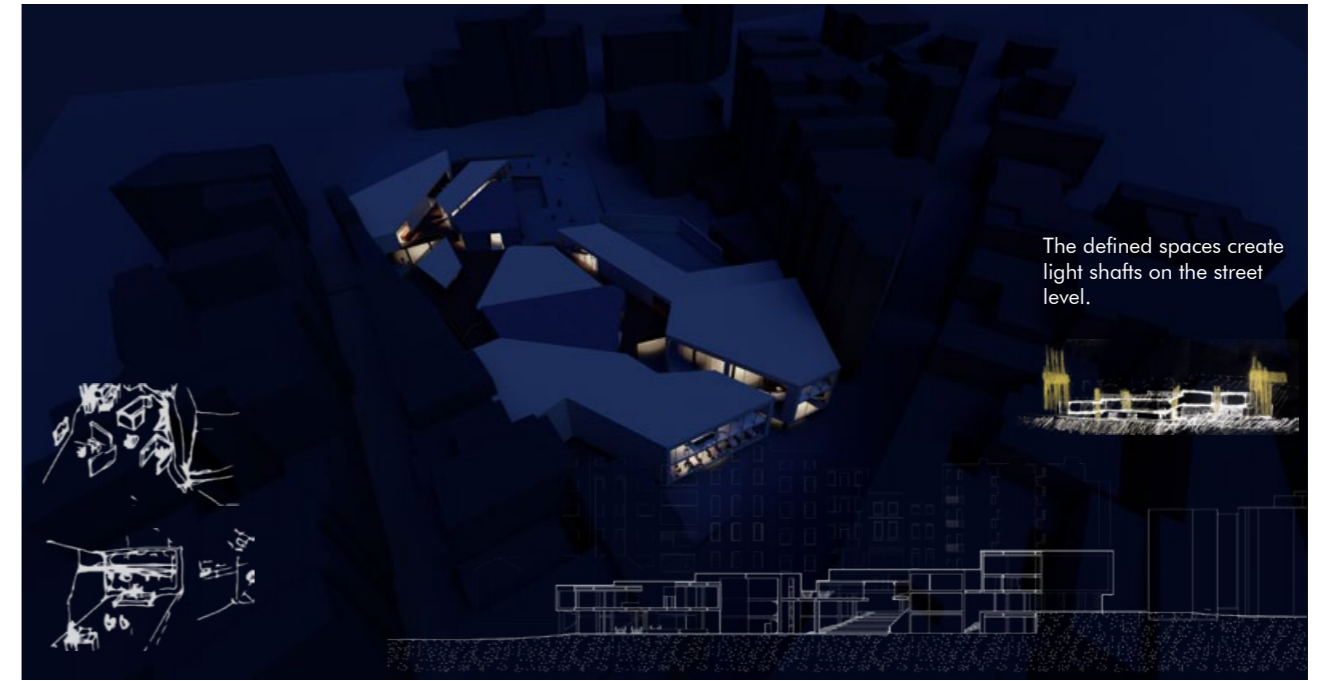
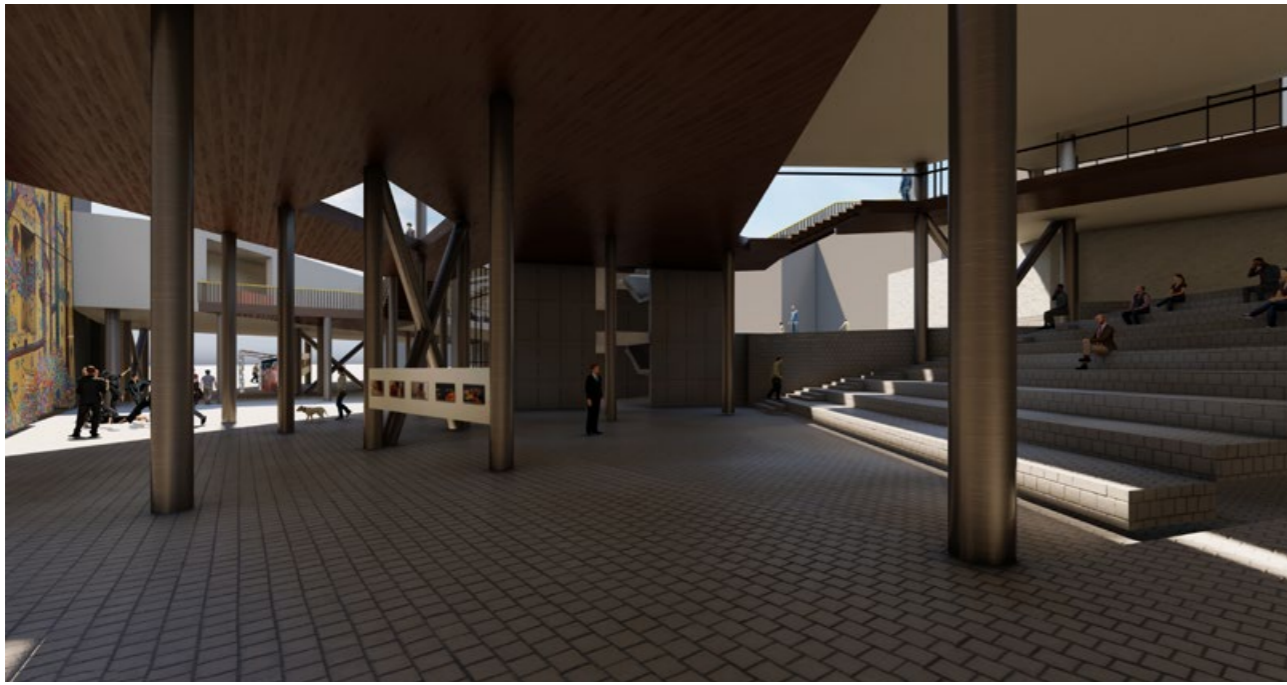
We can say that Şişhane region is the focal point of Beyoğlu's culture, art and entertainment trio. At this point, the culture and art institutions around come together with the street life coming from Galata. The street is one of the most valuable elements in the region. Even the activities inside the buildings somehow carry the atmosphere to the street.



The project settles by defining the existing Beyoğlu Tax Office Structure. It is also in a state of withdrawal or touch with neighboring parcels according to facades.

As a result of this approach, a more linear structure emerged. There is already a car park next to the blind façade to which the building adheres, allowing a passage between the streets. In Şişhane, where the street concept is a part of life, the building aims to enrich and use this transition.

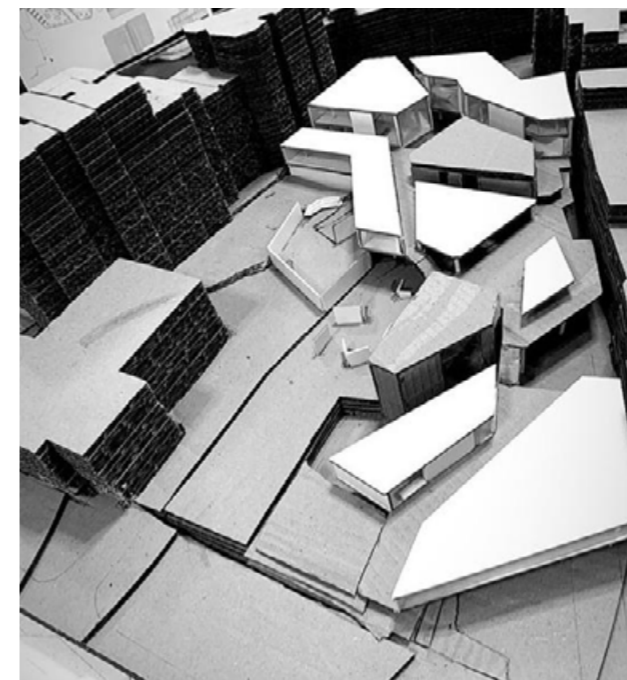




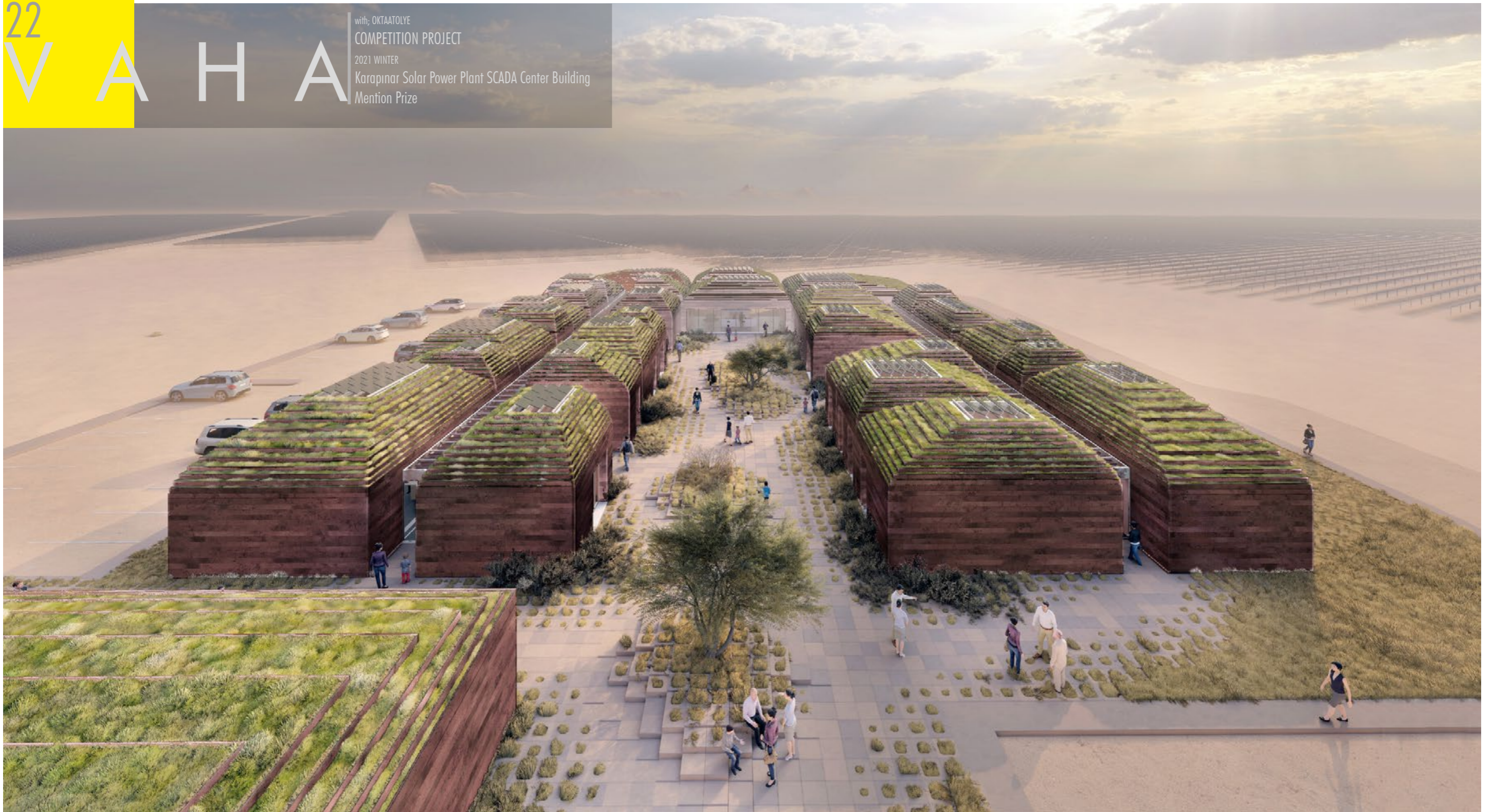
The project aims to create a passage corridor and to infiltrate the street. The structure that providing continuity at ground level, turns into a transition route between Şişhane Square and Galata. It offers the user, more intense street experience by establishing multiple routes with fractures instead of a linear axle.



In order to maintain the perception of the street in the circulation of the upper levels, scaffolding structures ,that branch out from the two main cores like a tree, surround the spaces.







### Vaha,

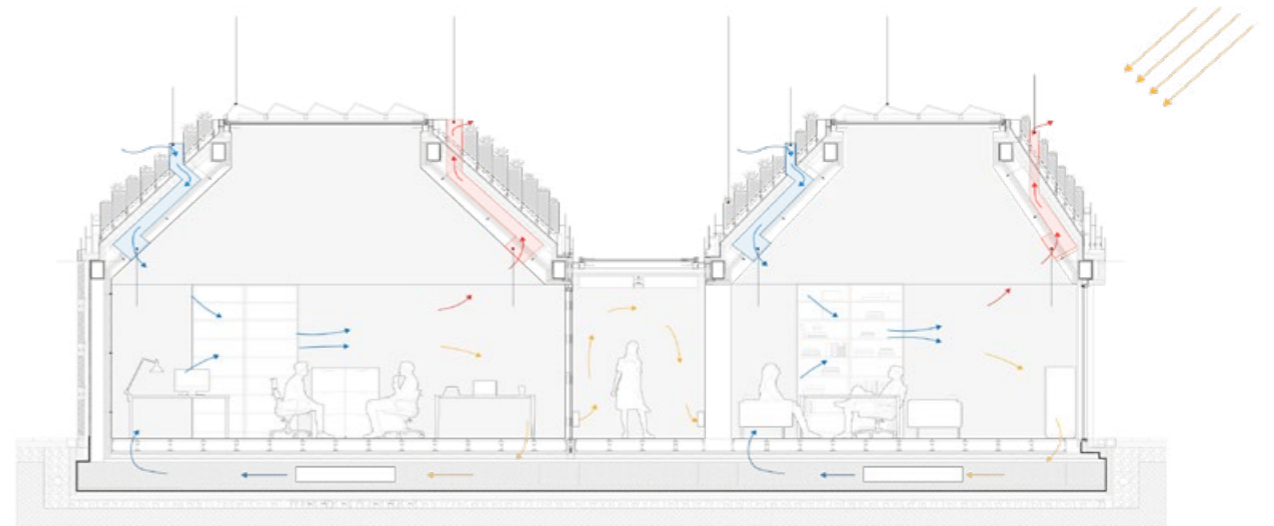
is an interface between building and desert. The building production model we will develop for the SCADA Building is a response to the change in geological humanpower. The project aims to develop a dialogue between nature, place and architecture. It establishes a positive dialogue between nature and technology. A desert threshold defines space where the concepts of place, direction and space disappear.

Biodiversity has declined in the region as a result of ecological damage. Vaha aims to be part of the desert ecosystem for biodiversity recovery. It is expected to enrich the biodiversity of the area with the microclimate it creates in the courtyard, while ensuring the continuity of the desert landscape towards the courtyard with its U-formed settlement.





For the efficient use of energy, the building systems are designed to support the conservation of energy, as well as the building's design according to the physical environmental conditions. Chimney form and top openings of the roofs allow sunlight to enter in a controlled manner.







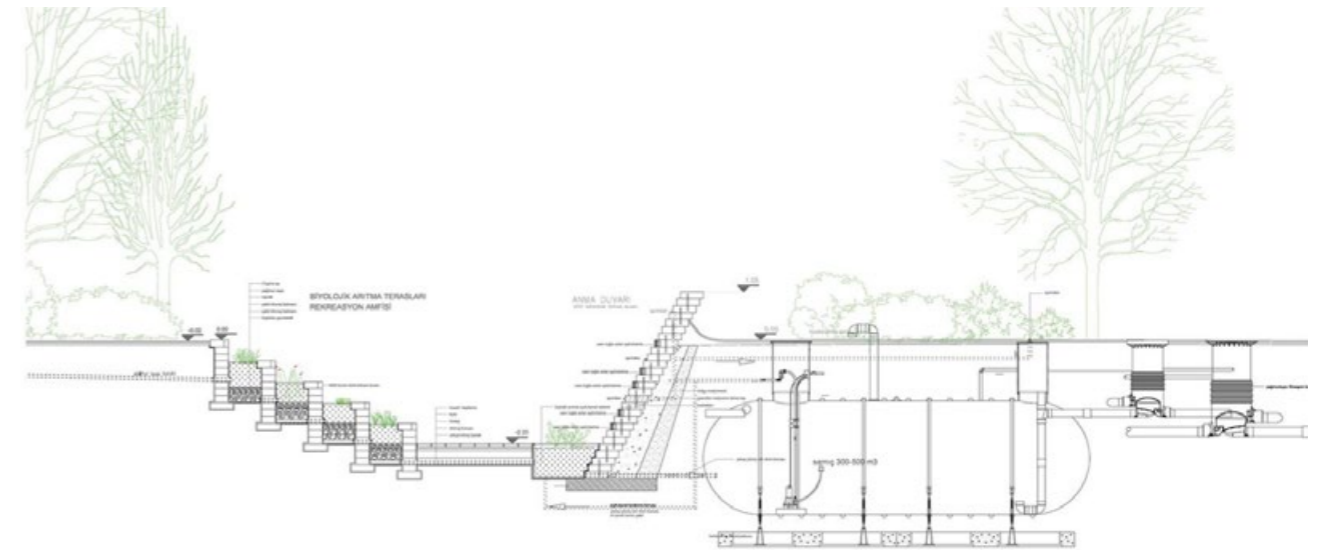
### **iyilik;**

The memorial site establishes a relationship between the past and the present. This relationship is the result of the interaction established between the person and the place. The place of commemoration of health workers, which is designed to remember and remind the past socially, to connect with the causes, effects and consequences of epidemics, does not glorify death by becoming a monument, instead of centralizing the commemoration event as a symbolic structure/sculpture, it encompasses the public space/park and daily life by making commemoration widespread. .

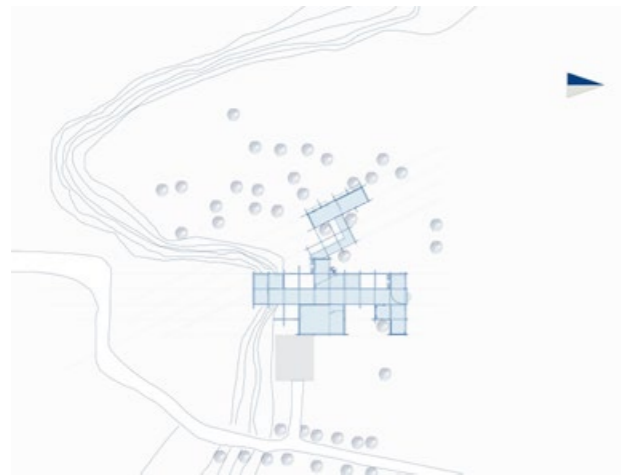
Memories, monuments, and histories are impermanent entities with present experiences, and they turn the continuity between past and present into a fiction. Therefore, memories, monuments and histories are represented as semantic tools to deal with the past. The proposed memorial venue aims to transform the semantic relationship to be established with the past into experience. The user's memory allows for new experiences and representations by layering with their imaginations.

**iyilik;** [noun] goodness



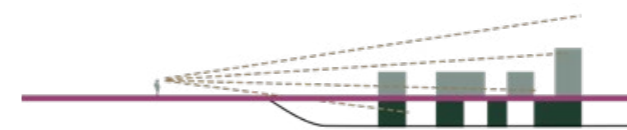






**Kitchen Box,** is a cooking school that will be established in the magnificent nature of Çanakkale.

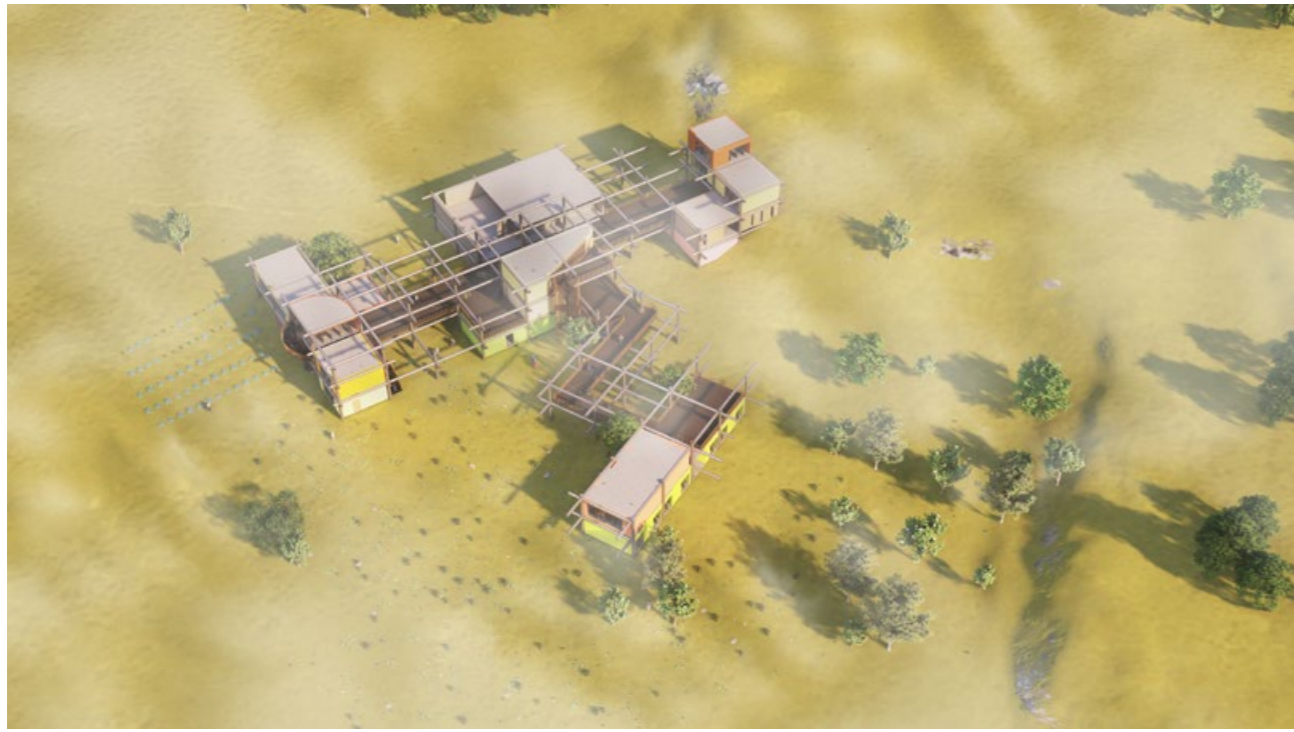
The primary purpose of the building to be built in this region with fertile lands is to cause as little damage as possible. For this purpose, the structure is raised with a cage and settled in it in order to leave little traces on the ground. The setup created with prefabricated units placed on the skeleton produces a modulation suitable for growth at any moment. The structure, which is reshaped over time according to the needs, will be able to continue with the same principles.



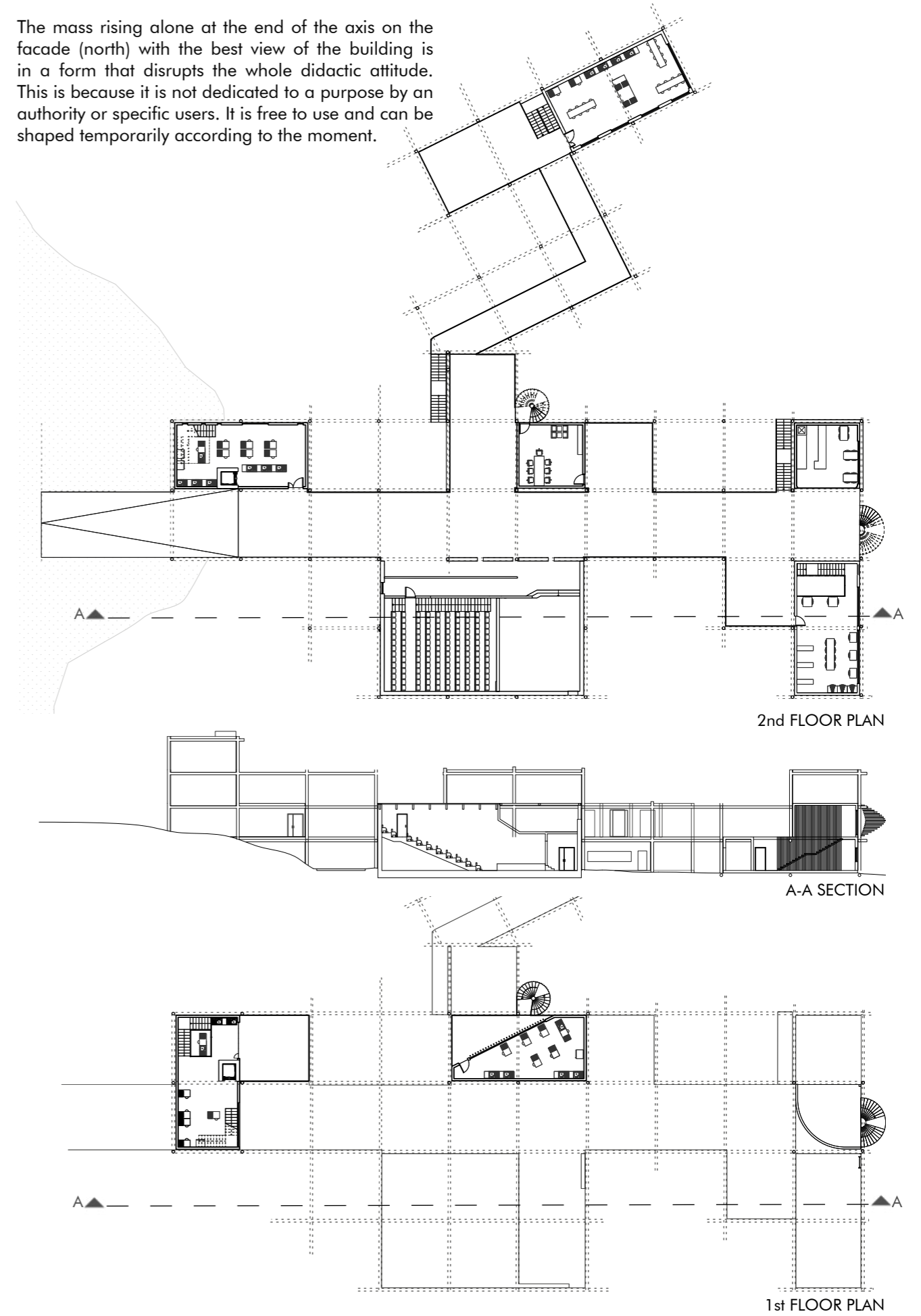
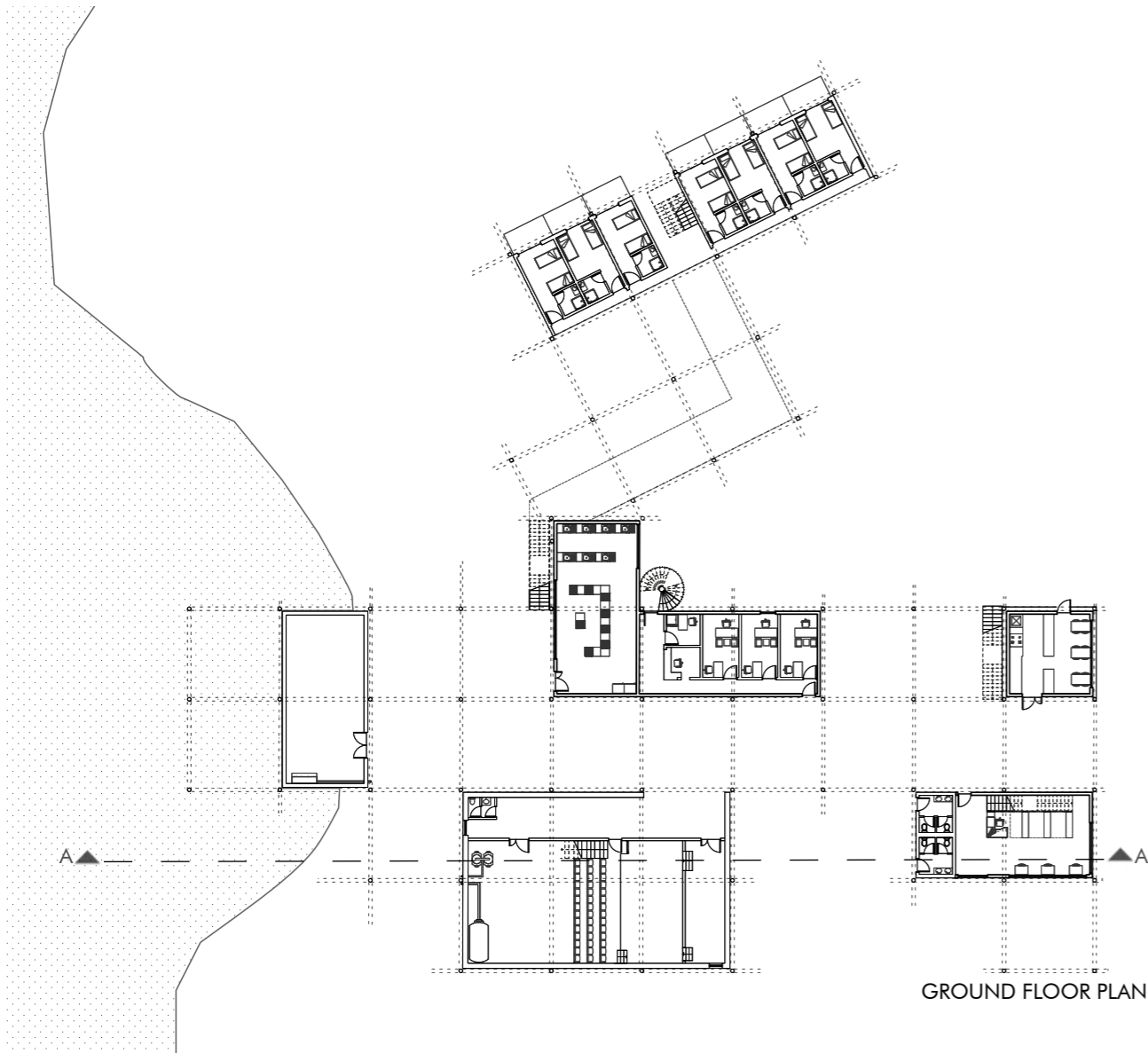
The building will have temporary and permanent users as well as open to the use of locals. The privacy provided for the permanent users of the building, which will not establish sharp boundaries with its surroundings, is provided by the conditions of the land. Units that will not be open to the public on a full-time basis are set at a lower quota, creating a vertical boundary.

Units such as the dormitory have moved away from the main structure with a broken axis. The rooms facing a gap between the elevation provided their privacy with trees and slope.





The mass rising alone at the end of the axis on the facade (north) with the best view of the building is in a form that disrupts the whole didactic attitude. This is because it is not dedicated to a purpose by an authority or specific users. It is free to use and can be shaped temporarily according to the moment.





with; Ipek Üstündağ, Şeyma Cesur, Gökhan Şen  
 KADIR HAS UNIVERSITY  
 2019/2020 SPRING SEMESTER  
 ARCH-402: GRADUATE PROJECT  
 "URBAN BLACKHOLE"  
 INSTRUCTOR: PROF. DR. ARZU ERDEM



**Loop-hub,** is a self-feeding, circular economy-oriented project built on trade and life cycle. The area in a quarry will often collide with the city and offer an isolated environment due to its topographic structure.

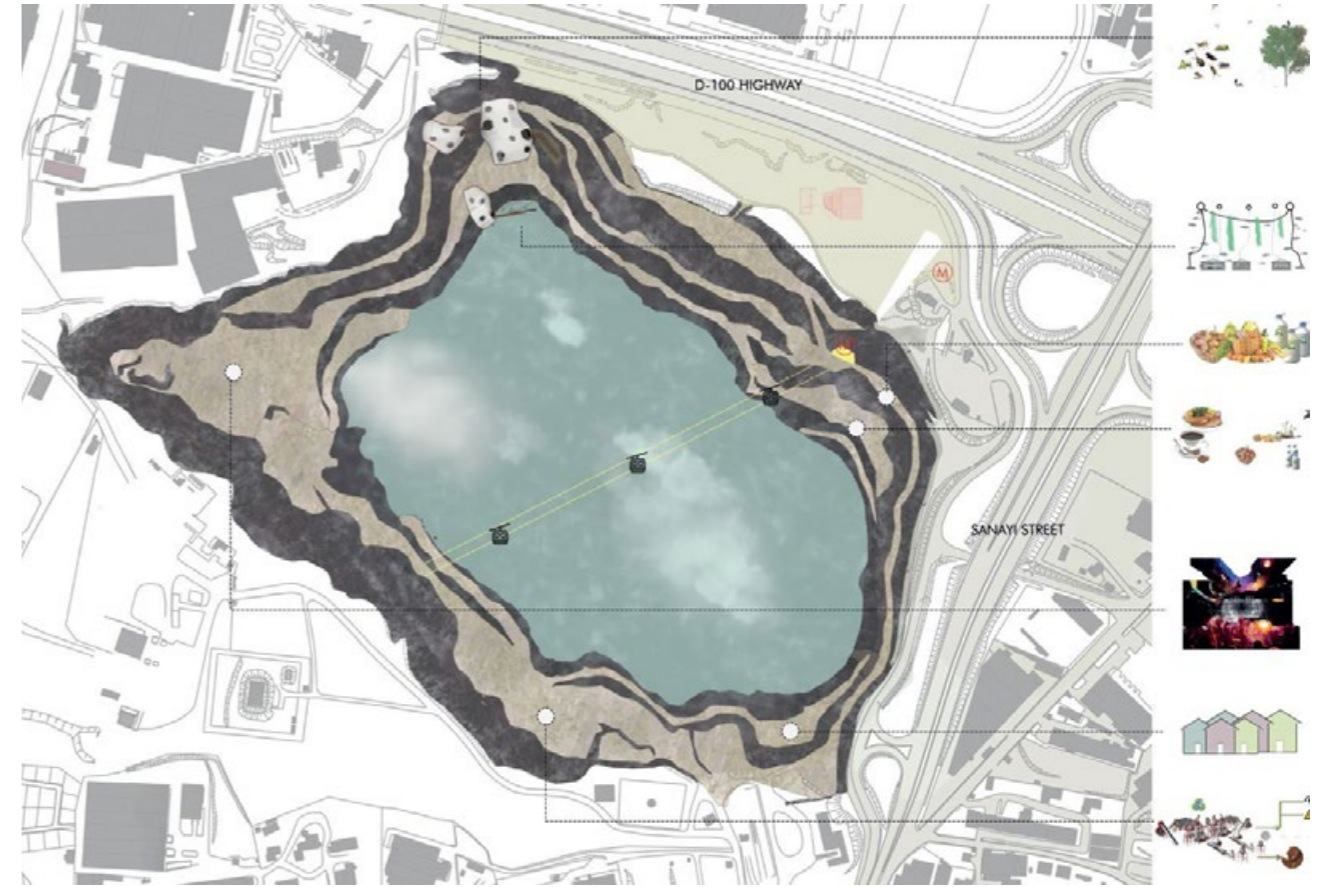
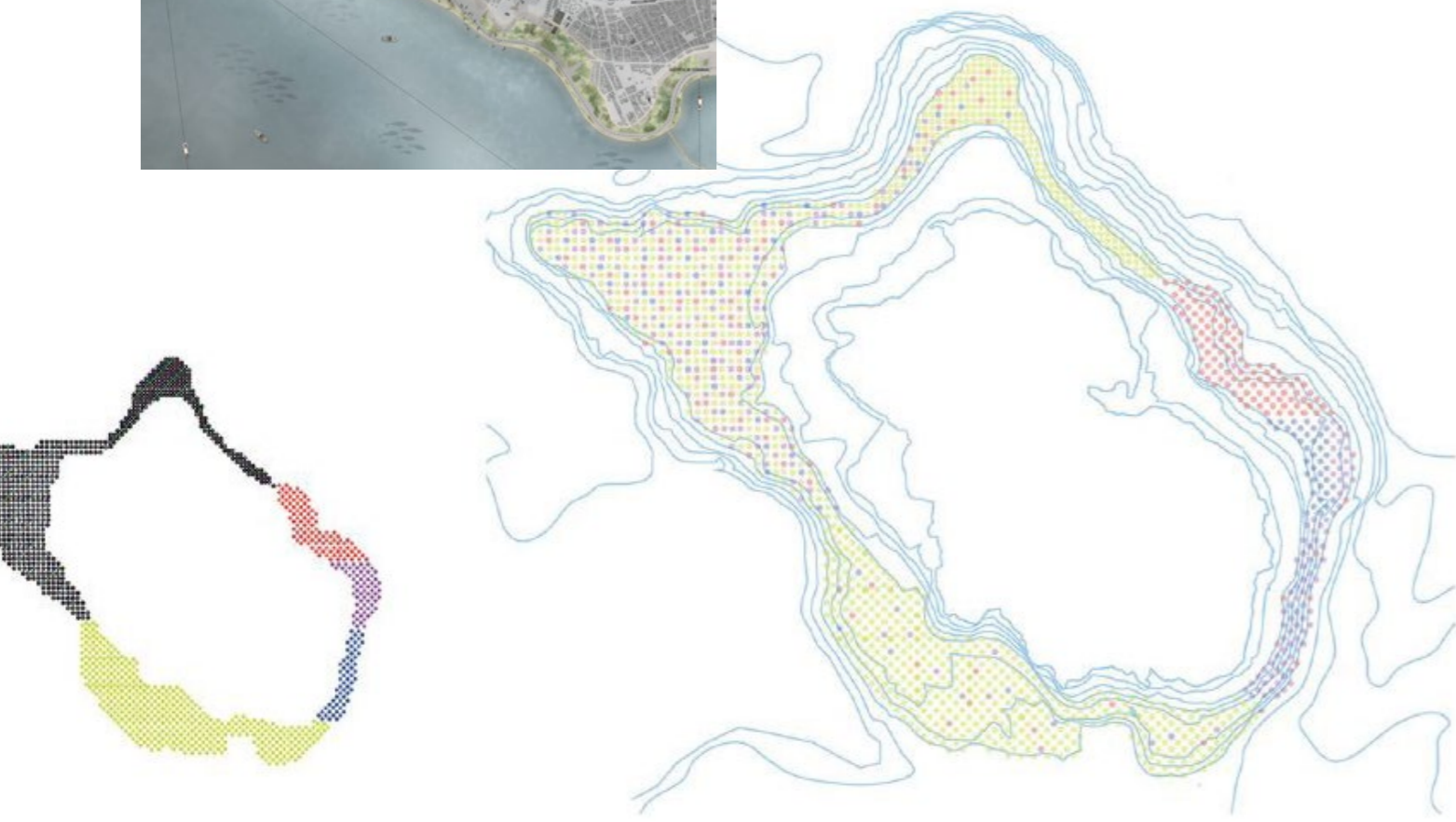
Located at a critical point in the city, the site is an abandoned area where many networks intersect. Due to its topographic condition, it is suitable to be a vista point of the city.





The area is one of the most critical transportation point for İstanbul's anatolian side. The industrial street had been filled with industrial buildings before the great transformation in Kartal. The surrounding industrial buildings and other large one-piece structures is breaking the continuous and repetitive structure rhythm in the neighborhoods. In the project, it is aimed to re-flow to disconnected regions by connecting from below with the metro line that goes to Sabiha Gökçen airport.

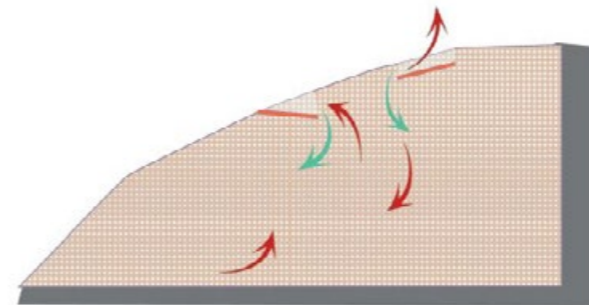
The project suggests to eliminate the pedestrian impermeability of the divided areas with higher-scale landscaping and alternative transportation suggestions in order to maintain the context of the routes. Loop-hub proposes to overcome the rupture by reconsidering it in the cross-section thanks to the existing topography and by infiltrating into lower elevation spaces such as the subway. At this point, the effect of barrier structures is reduced.



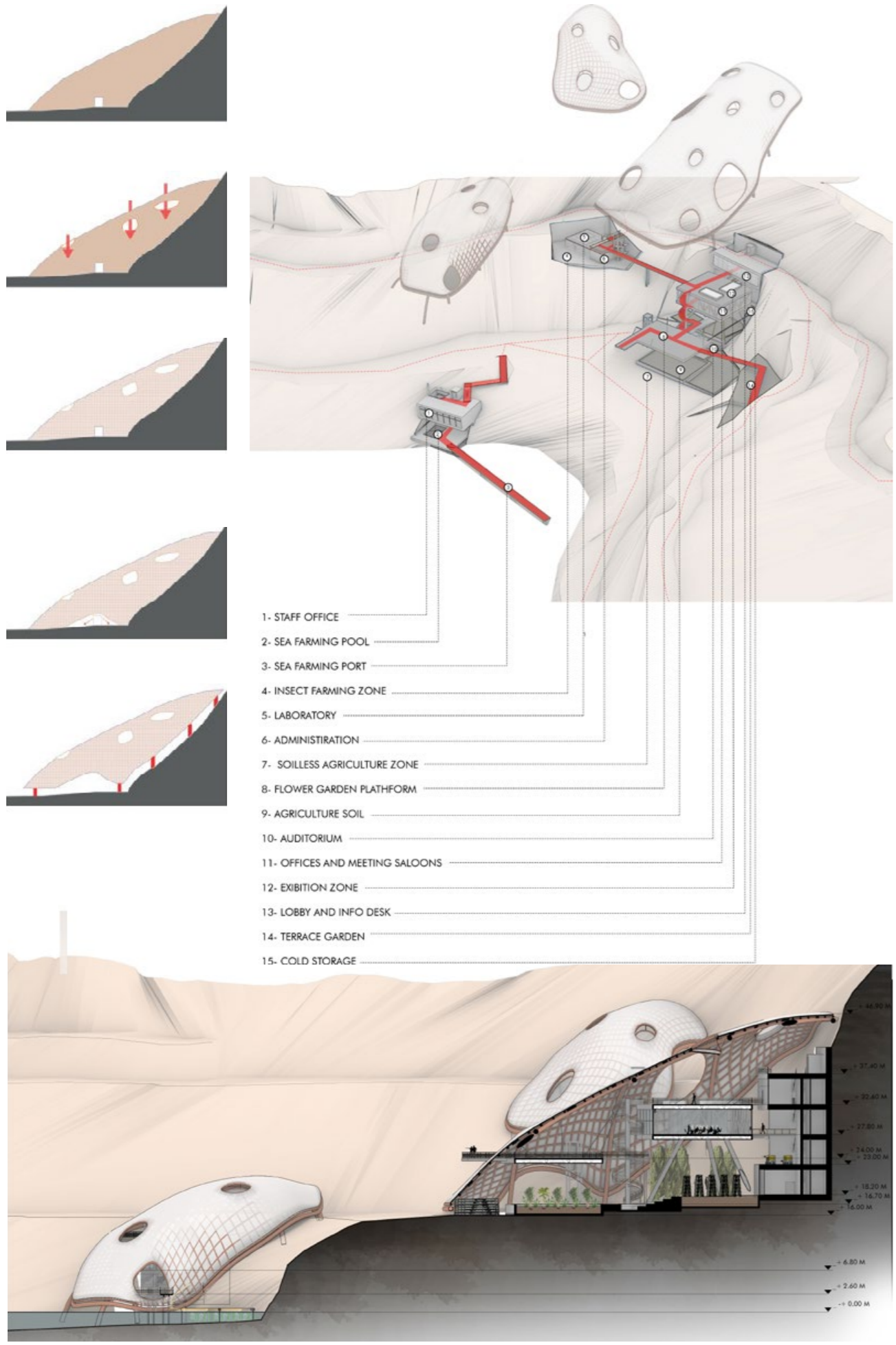
Possible routes are foreseen for various users who will experience the region for in different durations. The routes offered by the quarry in the facility, which was located in the quarry in time, were defined according to the usage time of the users and the programs were designed according to the duration of the activity.

Considering the sustainability of each cycle system such as cities and villages, the "Loop-hub farm", which is seen as a critical point of the system and detailed, is the food step of the cycle defined over the upper scale propositions.

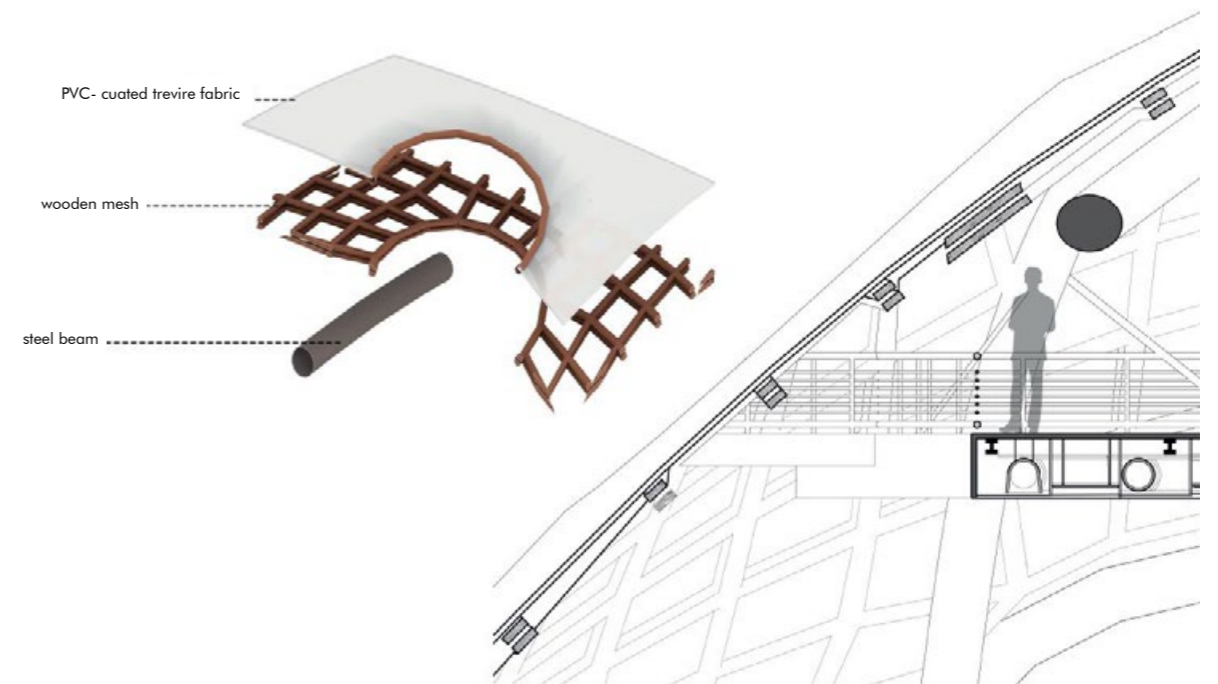
For the sake of production efficiency in agriculture, will control climate conditions; Top covers are built on the greenhouse principle.







The covers are designed in a very light and transparent in the original atmosphere of the land, which is isolated from the heavy constructions in the surrounding area. According to the needs of the production, the structure that creates its own atmosphere inside, provides alternative experiences for different functions.







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2022

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