



BRIDGING THE CITY

## Bridging the City - IMPRESSIONS

A huge military area that lays inaccessibly in the middle of the city. Completely detached!

It is unpleasant for people to walk around or even to approach it.

What a waste of land! On one side – residents; on the other side – even a larger military land. In the middle of Ankara, a land of 800 meters in length, fenced by impenetrable lines of security guards, armed military personnel, cameras, barb wires, and spikes.

After the military is moved out from these lands and they are left to the citizens of Ankara, it must be the architects' responsibility to reveal its hidden potential – integral part of the city, not a foreign body.

There is a big potential in this military land to become an in-between land in the middle of Ankara. We conceive this area as a connector.

A mediator, a transition area that bridges the cavity left behind by the military.

This is not just a bridge for people to transit over, but a bridge that embraces alternative uses.

This area, a new place of delight, will trigger a new collective memory for citizens of Ankara.

This is a new approach to planning and designing, the design sprouts from its own fabric, material of this land. This design will show people the great hidden potential of transforming the whole city.

## Bridging the City - IMPRESSIONS

Collages represent the city using images of different kinds of pavement and ground. They represent the chaos and negative diversity in Ankara's architecture, urbanism, design and details.



ANALYSIS



BEYZA GİZEM ÖZTÜRK, SÜMEYYE AKIN, ZEYNEP OKUMUŞ, MAKSİMİLİAN TAŞLER

[illegible]

## Bridging the City - ANALYSIS

An old areal image of the Anıtkabir and part of the area in question. The image was acquired from the web-pages of the Kara Kuvvetleri Komutanlığı (left). A recent areal image of the Headquarters building and its belonging area. The image was acquired from the web-pages of the Kara Kuvvetleri Komutanlığı (right).





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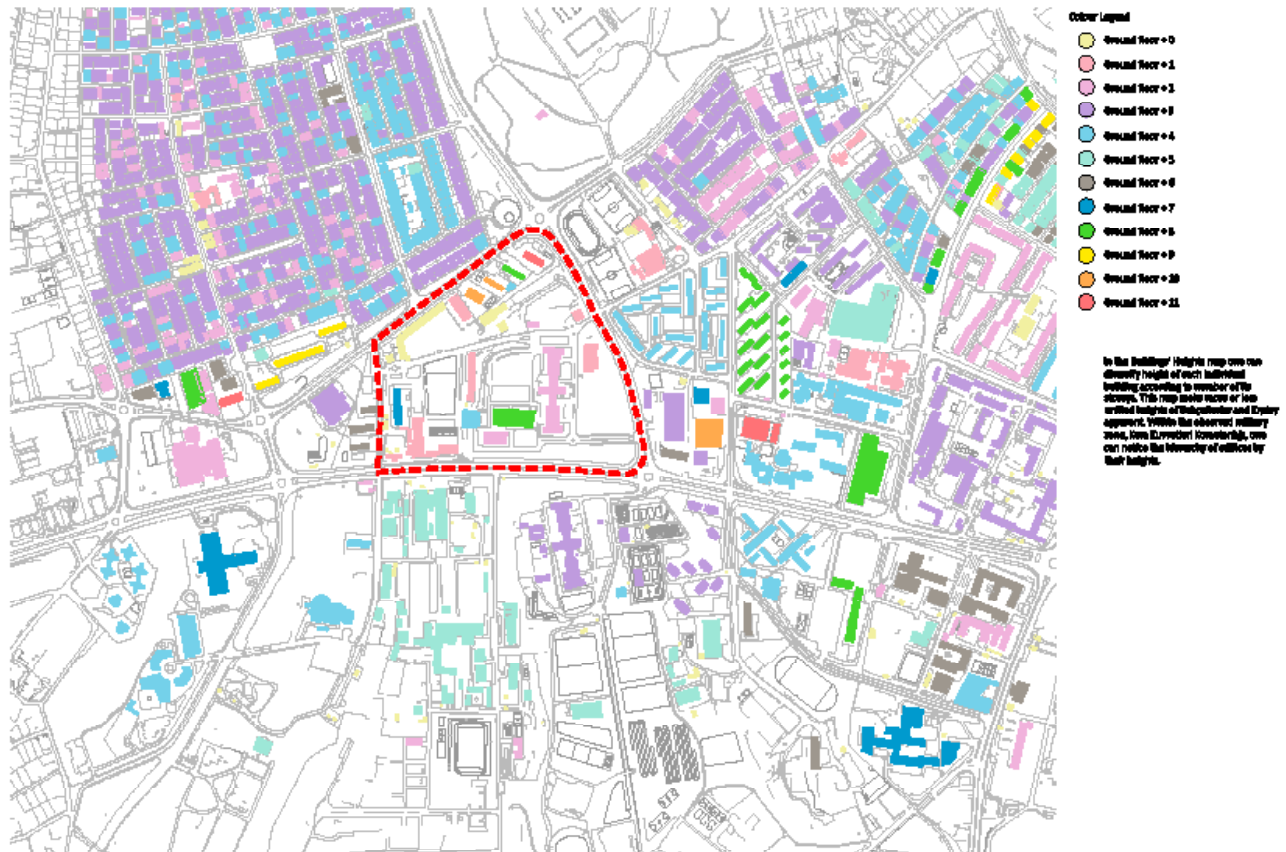
## Bridging the City - ANALYSIS

Map of buildings' functions in the surrounding areas (left).

Map of buildings' heights in the surrounding areas (right).

Buildings' Heights

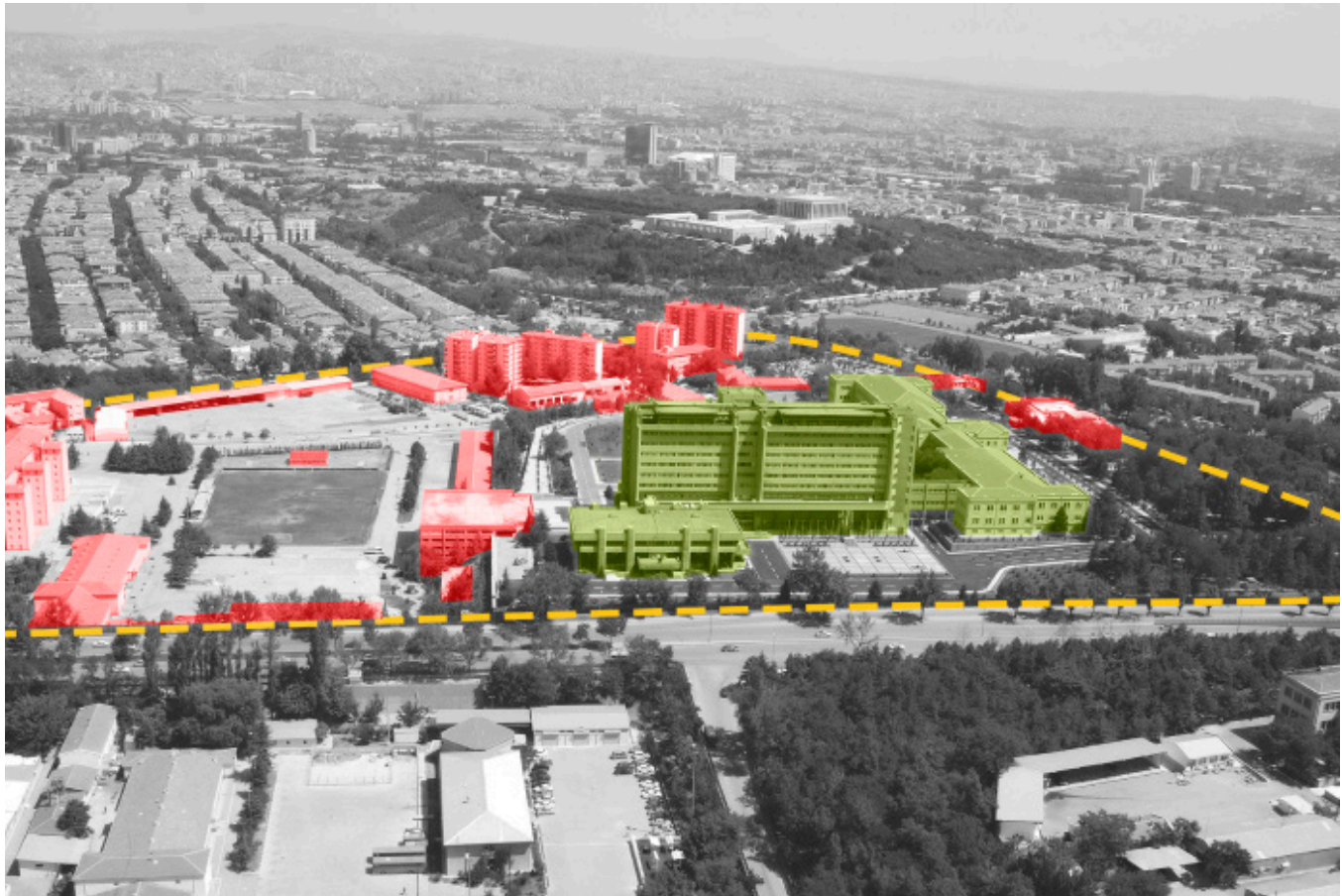
1:3000





## Bridging the City - ANALYSIS

A Map (left) and an image (right) of the buildings that are meant to be preserved (shown in green colour), and buildings that are meant to be demolished (shown in red).



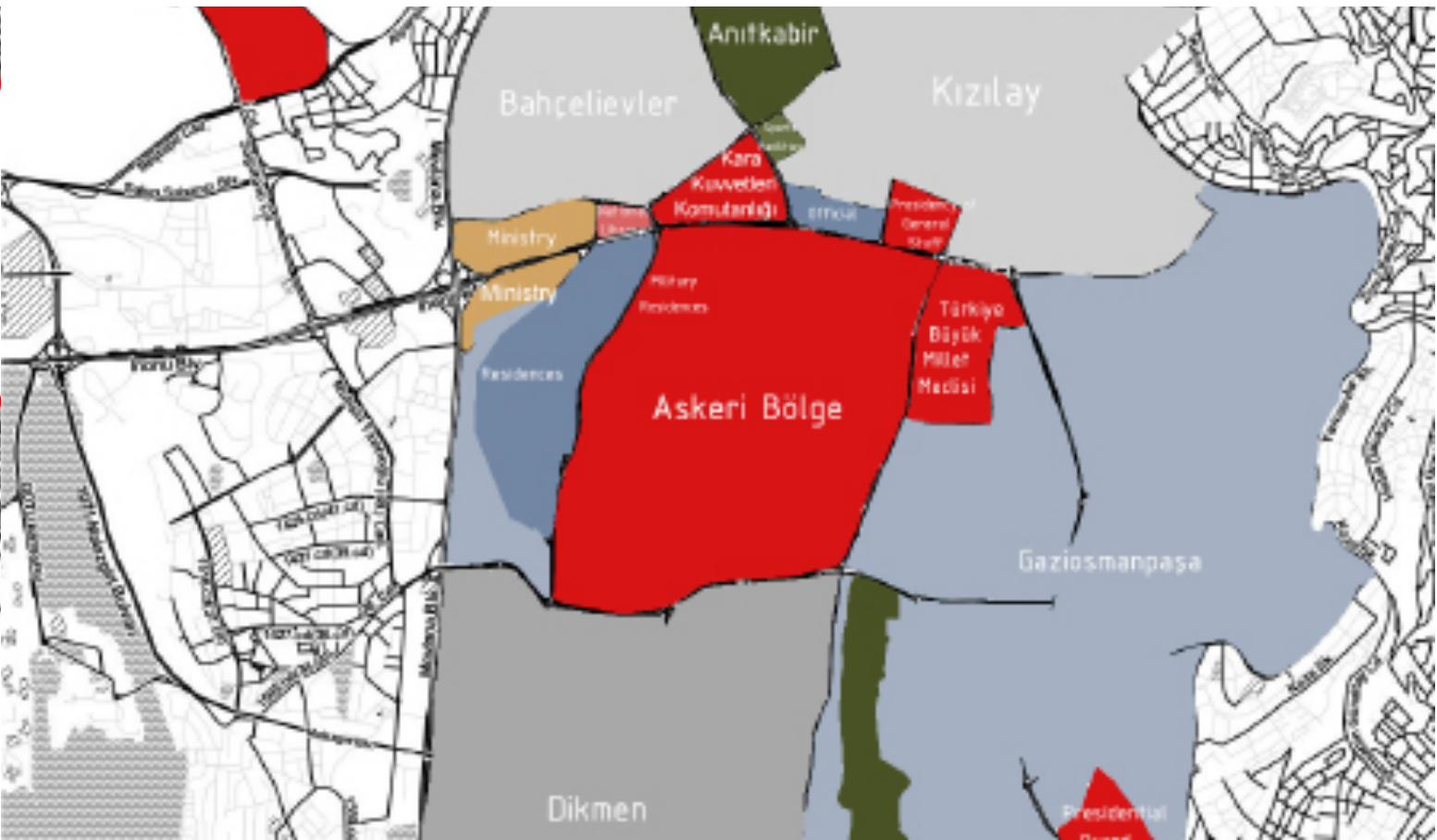


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[illegible]

## Bridging the City - ANALYSIS

The map shows all of the military areas in the city of Ankara (left).  
The map shows the areas in the vicinity of our military area (right).

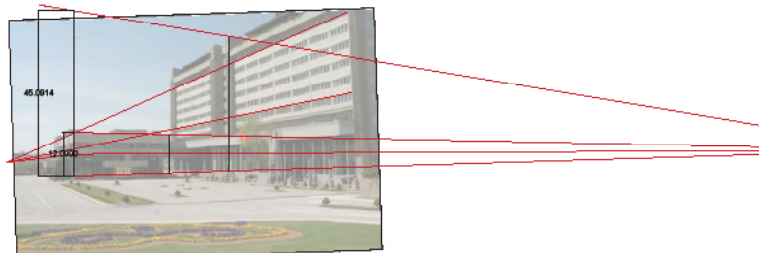
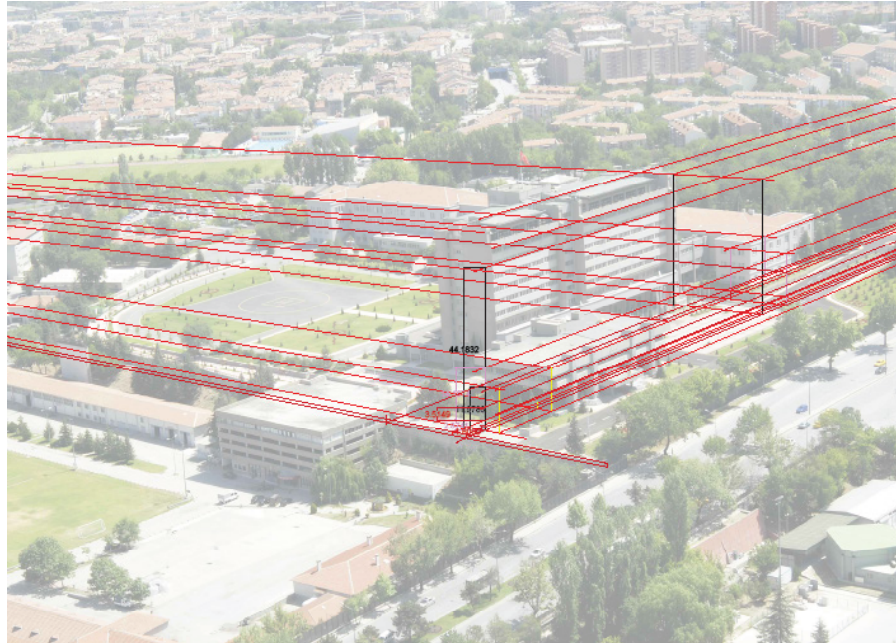




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## Bridging the City - ANALYSIS

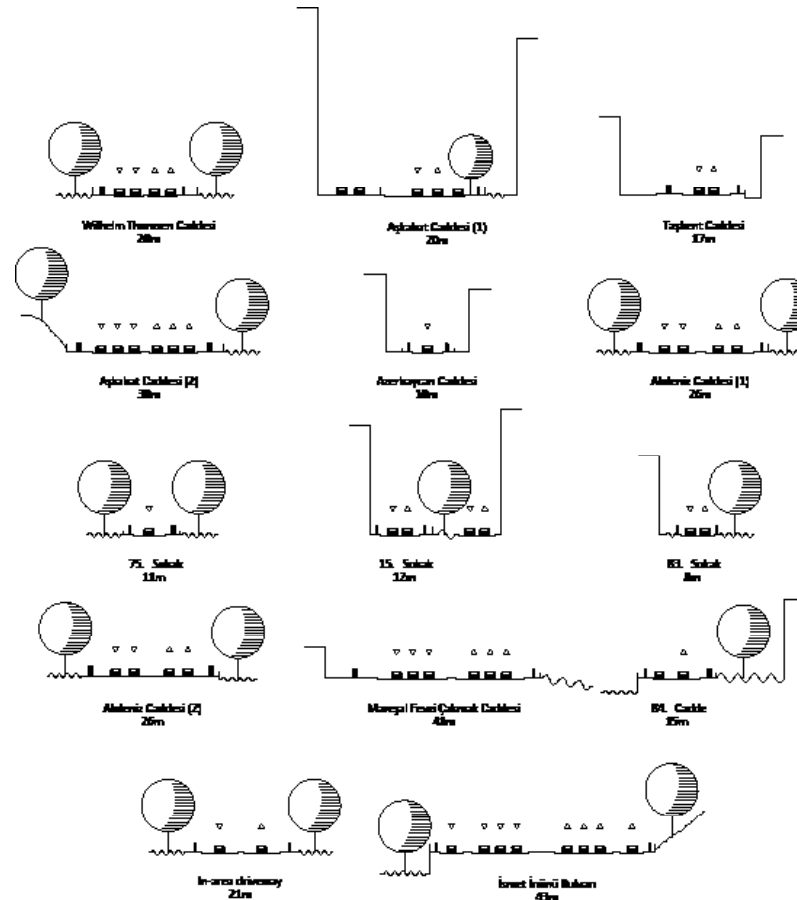
The collage shows access points that allow direct connection to the military academy area south of Kara Kuvvetleri Komutanlığı. It also shows the "stop points" that disallow direct connection to the military academy area (left). The analysis of the height of the main buildings base on the height of the vehicle parked next to them (right).



[illegible]

## Bridging the City - ANALYSIS

The drawing shows positions of sections of the existing roads (left).  
Sections of the existing streets (right).



IDEA



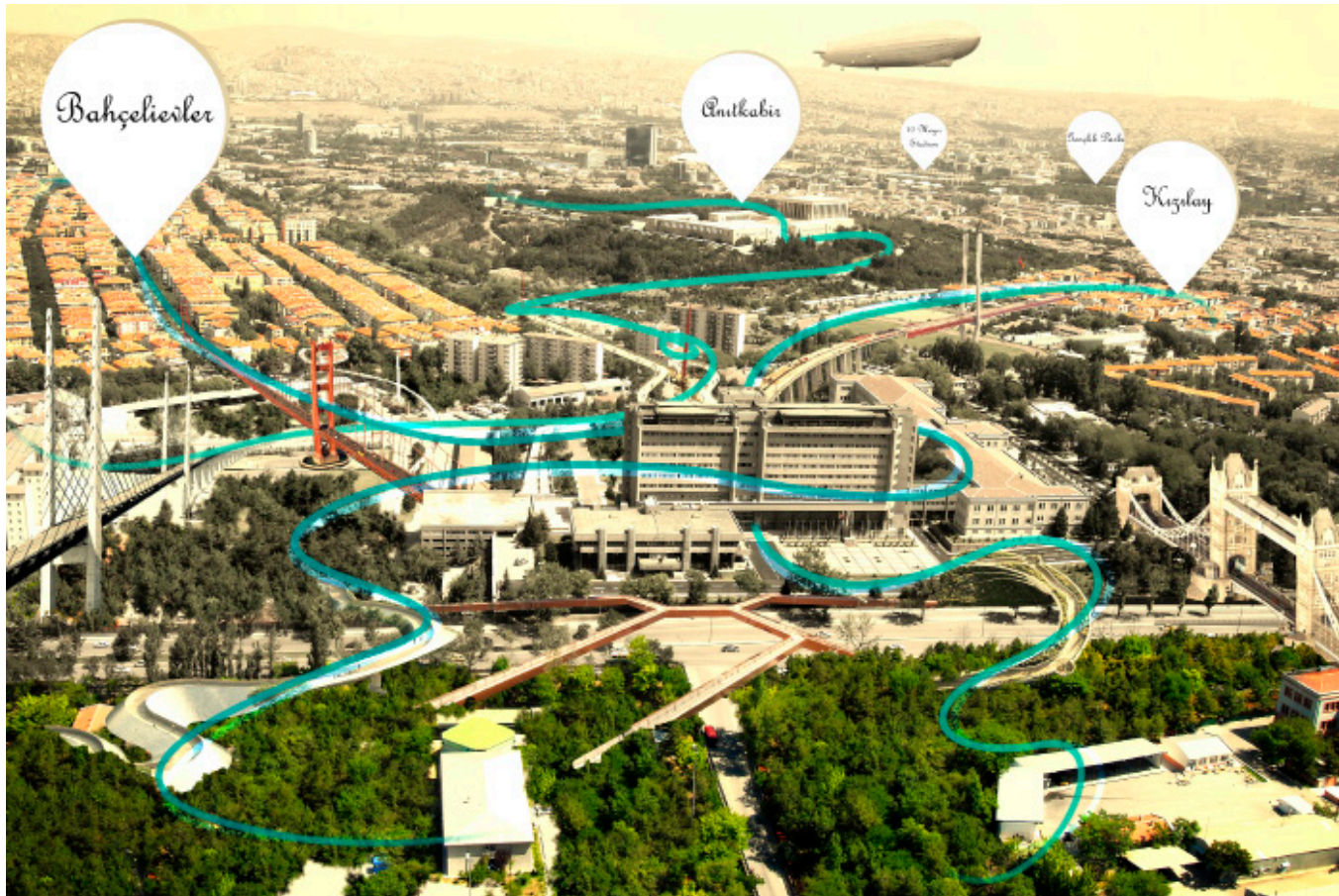
When military academy leaves the huge emptiness in the tissue of the city, it will at the same time make room for countless other activities. As we recognized its potential that is even greater then the potential of Kara Kuvvetleri Komutanlığı area, we realized that Kara Kuvvetleri leaves the urban void in-between important parts of the city, in-between Bahçelievler, Kızılay and the huge area of current military academy (left). As such, this in-between area has a chance to connect these part of the city. It can bridge the city, transfer people, goods, ideas, society, intelligence, economy...(right)





## Bridging the City - IDEA

The collage turns the idea into an imagined vision of connecting Bahçelievler and Kızılay area south to Kara Kuvvetleri Komutanlığı.





EXHIBITION

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## Bridging the City - EXHIBITION



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## Bridging the City - EXHIBITION



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## Bridging the City - EXHIBITION





CONCEPT

## Bridging the City - CONCEPT

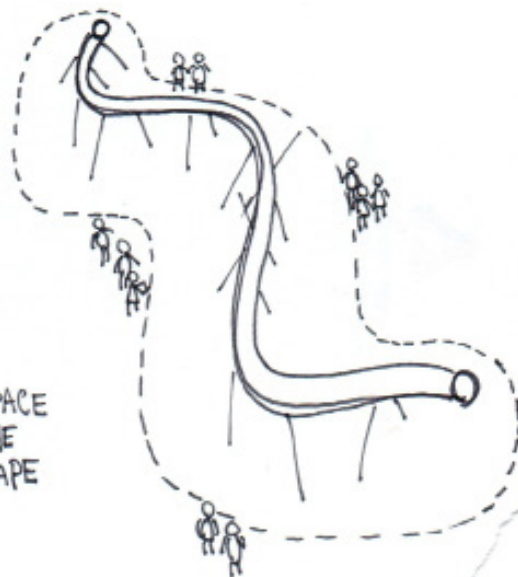
"It does not [the bridge] just connect banks that are already there. The banks emerge as banks only as the bridge crosses the stream. (...) With the banks, the bridge brings to the stream the one and the other expanse of the landscape lying behind them. It brings stream and bank and land into each other's neighborhood." - Martin Heidegger (1959), Poetry, Language, Thoughts, page 150

# Thoughts in Sketches

MONUMENTS REQUIRE  
FREE SPACE TO BE ADMIRERS



THAT FREE SPACE  
ADJUSTS TO THE  
MONUMENT'S SHAPE

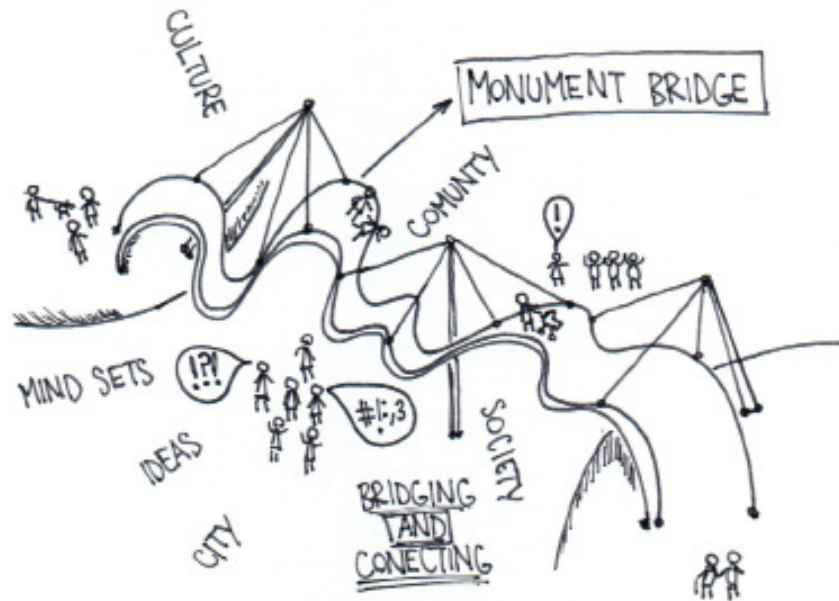


We asked ourselves what it takes to be a monument. Every monument requires a free space around it for it to be exhibited. But then when a monument changes in shape, its exhibition space reshape itself according to the monument it belongs to. For a monument of a very elongated shape this free exhibition space captures the form of a valley. Thus when a bridge is treated as a monument, its free space should capture the spirit of bridge's always present motion (left). Statue of Liberty stands tall on Liberty Island. By placing the statue on this islet people ensured that the view on the statues stays unobstructed for as long as it is surrounded by water (right).



A hand-drawn diagram illustrating the concept of "BRIDGING PHYSICAL QUALITIES". The diagram shows a "NORMAL BRIDGE" with two people walking on it. A curved line represents a physical quality. The text "BRIDGING PHYSICAL QUALITIES" is written below the bridge.

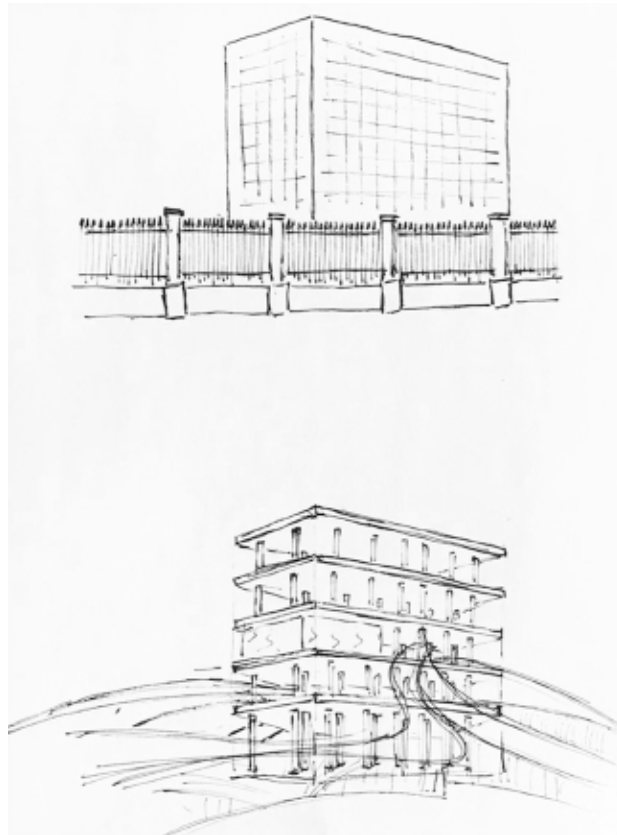
When normal bridge is observed, one can see the physical goods transferred over it, but no more than that in most cases. One can even argue on allegorical values that the bridge brings to its environment, but it usually stays on the level of allegory and metaphors (left). Why do we treat a Bridge as a Monument? Because when observing it that way while through the whole design process it becomes more than just a bridge. Simultaneously, this fact also allows the designer more freedom in his or her design. When seeing the bridge with this new pair of eyes, the designer's options are much broader and diverse (right).



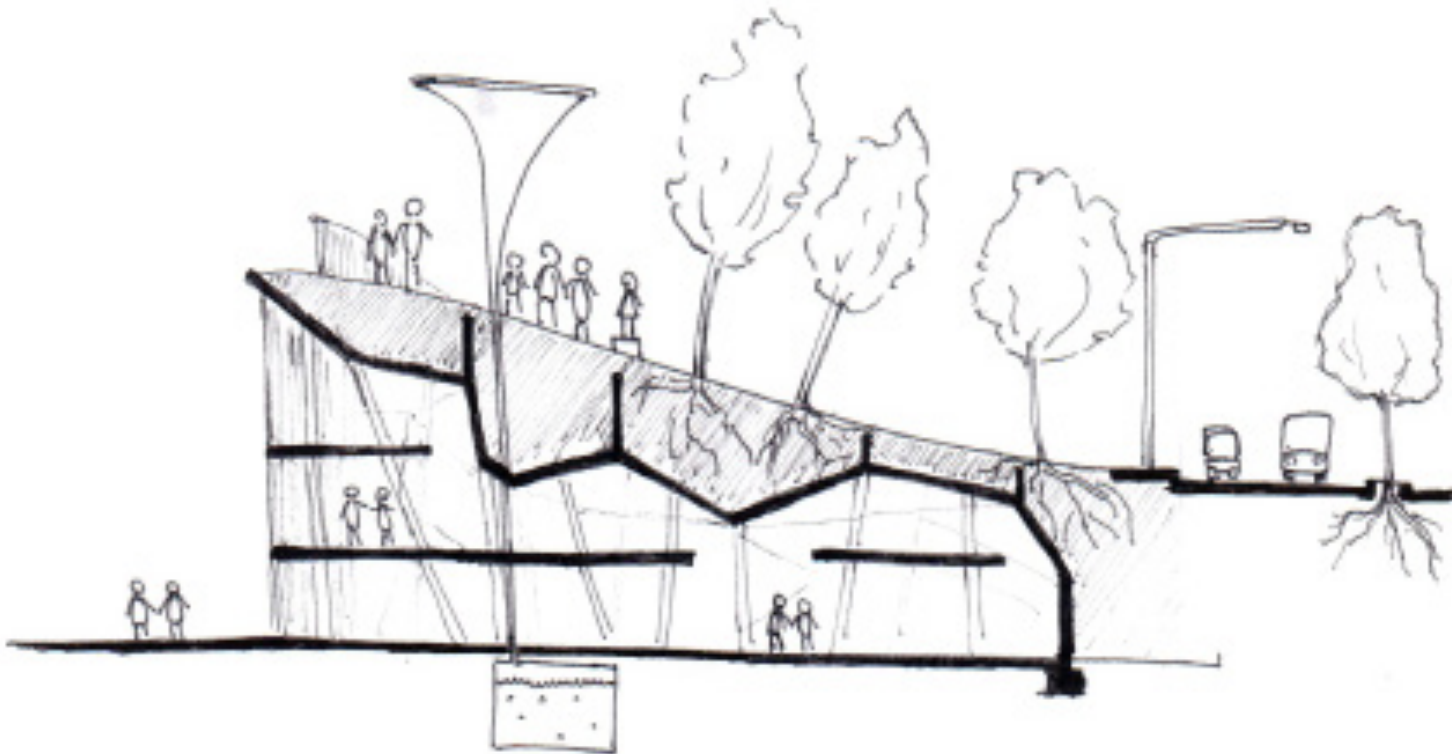




Another thing that we need to take into consideration is how to approach the existing buildings that we evaluated as worth of preservation. For the tallest building on the lot, the Headquarters building, we recognized the defensiveness its façades represented to the passers by. Since this is the only building presently visible from the street we recognize this building as the most affective towards the people. In order to attract people to it, we decided to strip it off of its façades in order to show its “naked honesty” (left). By removing its façades we relieved its inner secrets. The lower sketch show the structure that we envisioned as a solution to most of the problems we encountered. The structure that fluently connect different part of the area, that provides a shelter and new green surfaces at the same time. This structure would be at the same time a roof and the open ground (right).

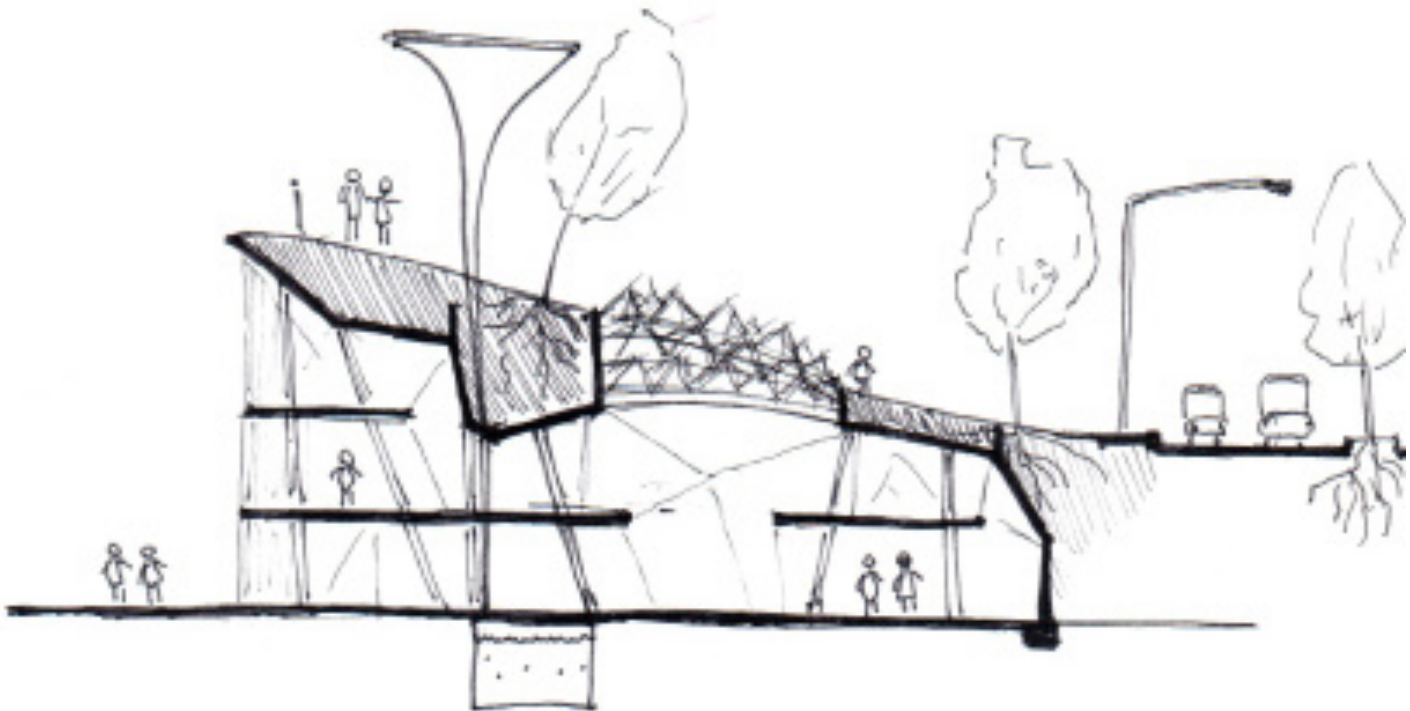


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[illegible]

## Bridging the City - CONCEPT

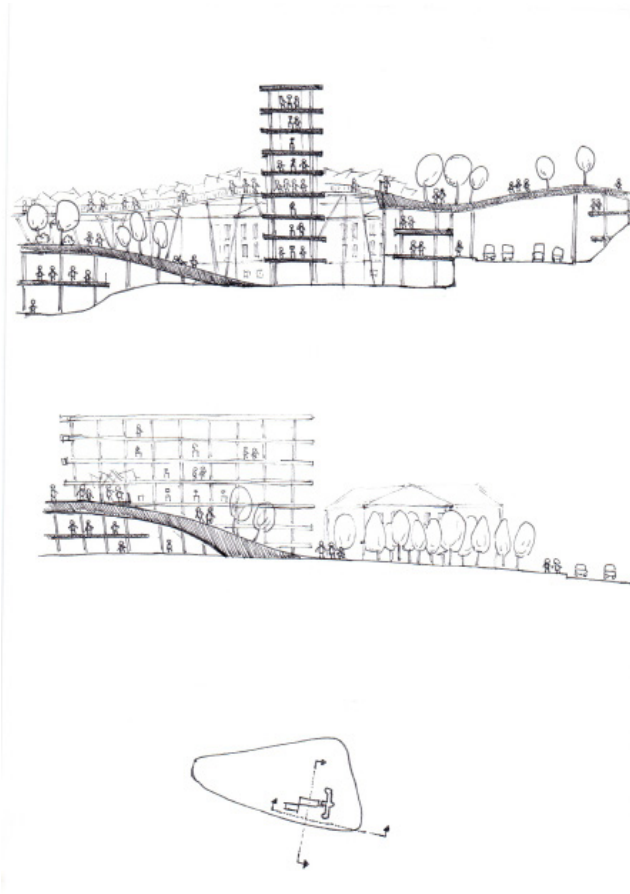
One of the problems we were dealing with were large differences in terrain elevation. Some of the solution we came to are shown in these sketches (left). We also considered options of using glass roof instead of the soil in some places of the roof (right).



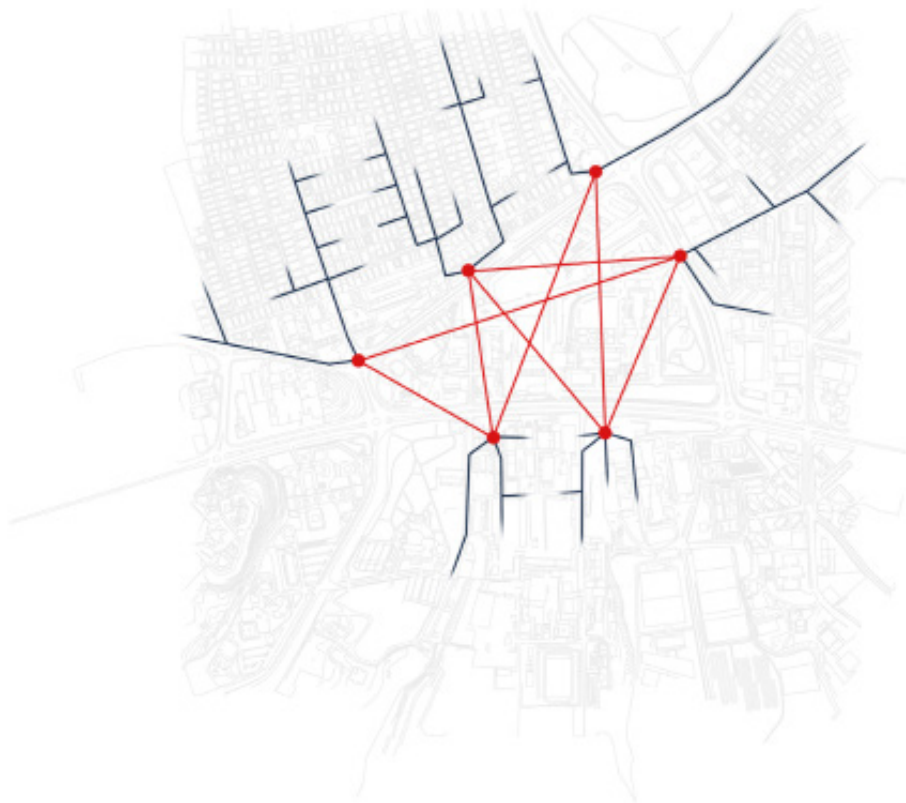
[illegible]

## Bridging the City - CONCEPT

We especially discussed glass roof when we came to an idea of having an Urban Farming as one of the activities within the area (left). Sketch shows two section considering the structure around the Headquarters building and the İsmet İnönü boulevard (right).



Analytical designing

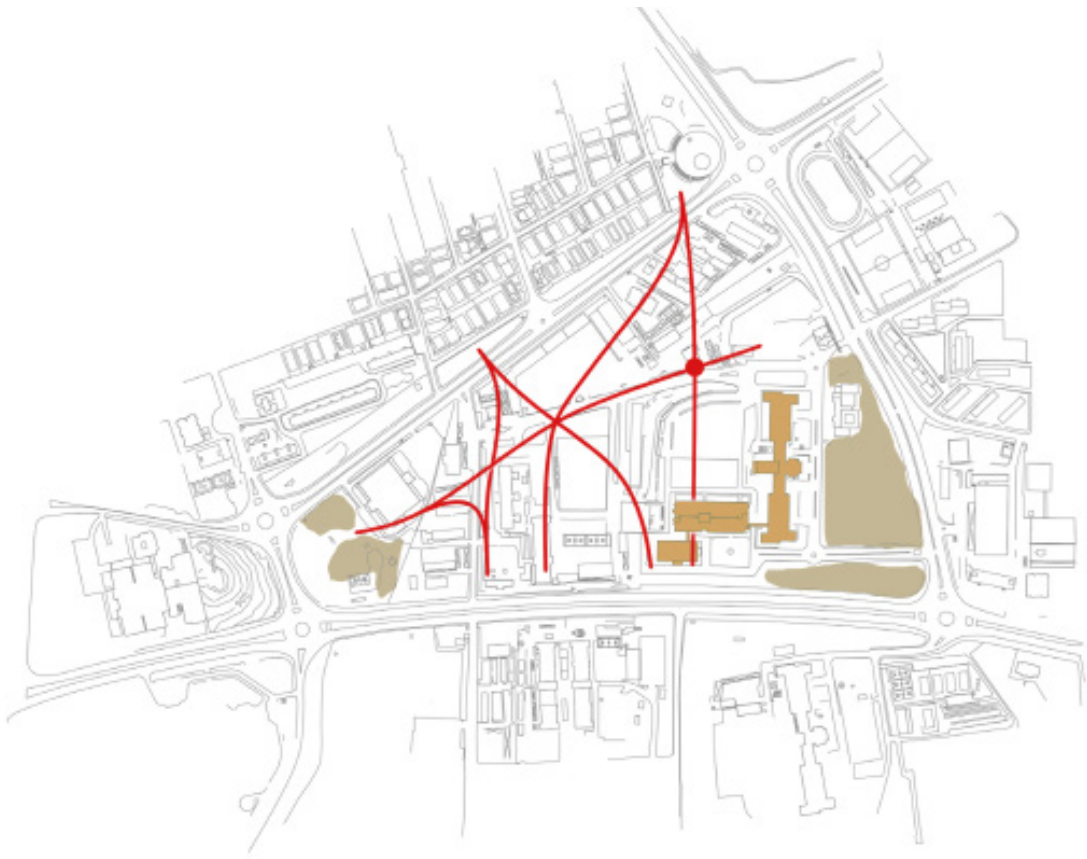
[illegible]

To produce any kind of design of this scale, first we explored some parameters that would determine the design. The main parameter were connections between points in space we decided must be connected in accordance to the idea of bridging the city (left). After drawing the capital connections, we drew some general direction lines for the bridges and pathways. These direction would position the pedestrian routes in the project. As we drew these routs, we found them good in connecting two points but neglecting each other and the environment they are in. So these routs were "unoptimized" (right).



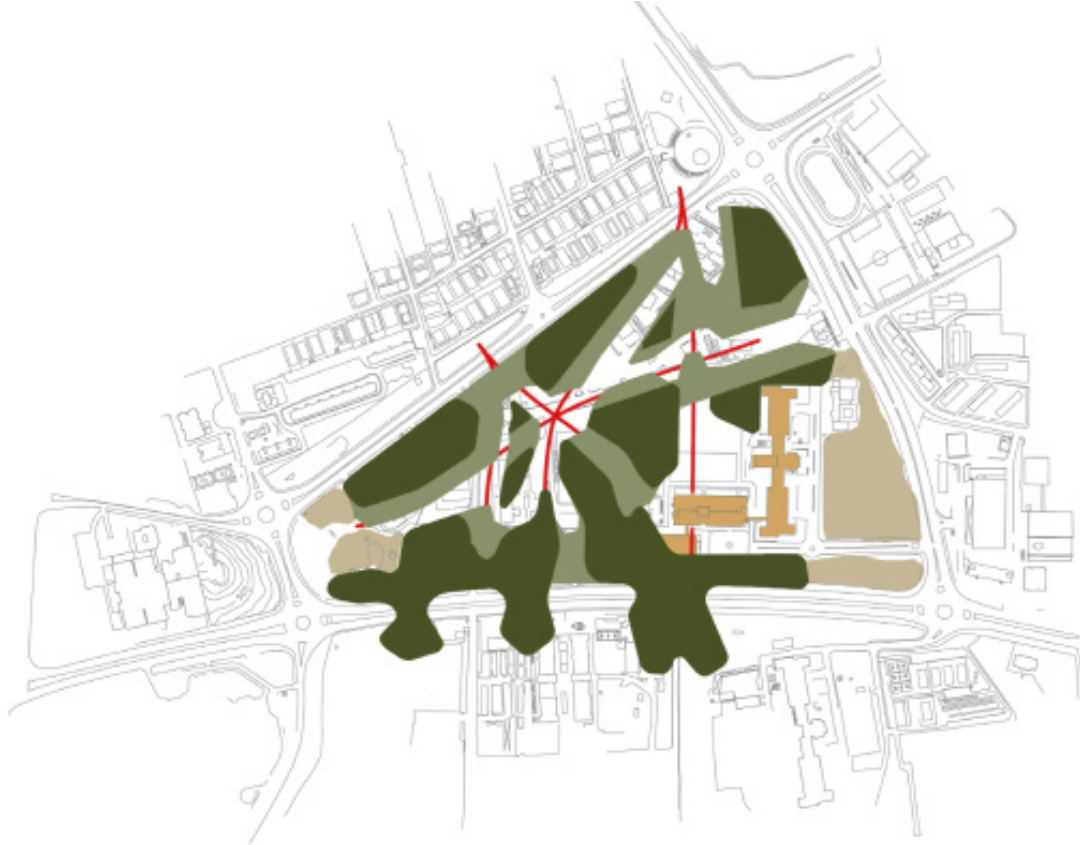


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After some reckoning we found the way to put those route together in this project. We got rid off unnecessary parts that would produce conflict in adding extra cost that would not be justified only with the pure need to shorten one's walk for couple of meters. We optimized them (left). Having main routes in place, mainly the bridges we treat as monument, we were able to fit the "solid" parts in-between the bridges (right) .



[illegible]

## Bridging the City - CONCEPT

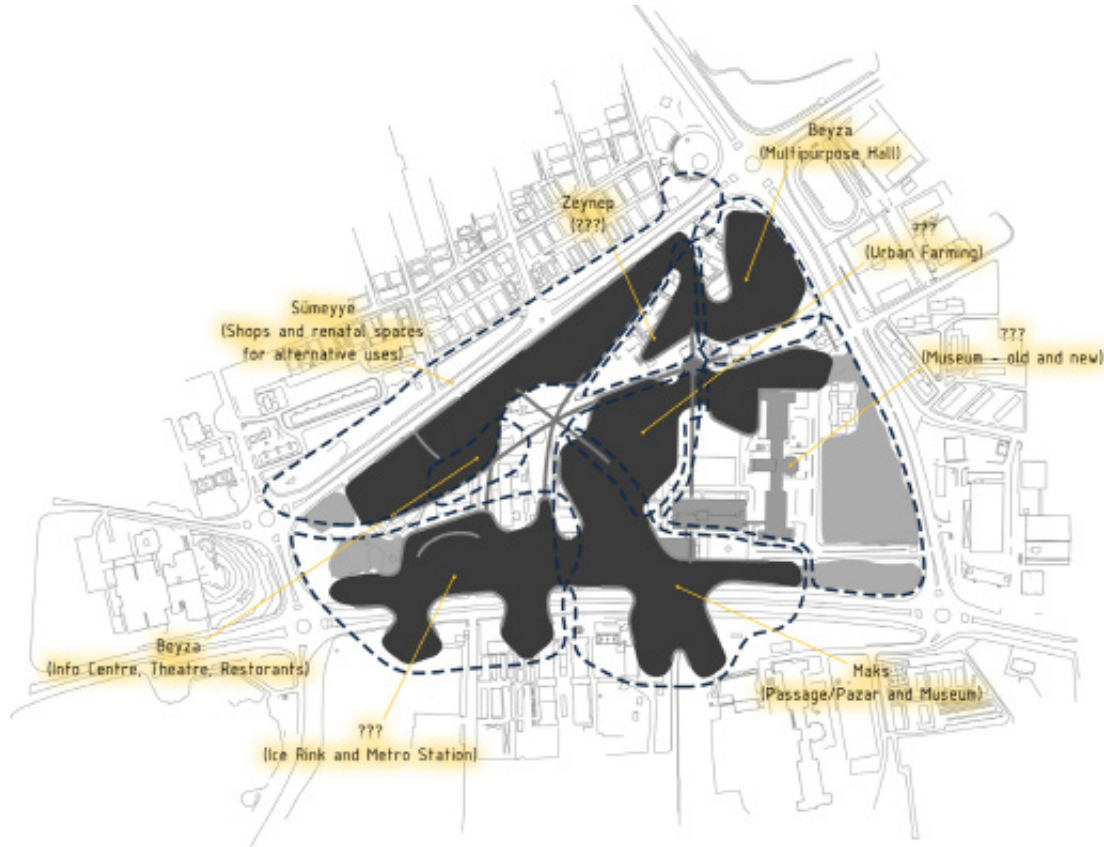
After analyzing what we did some more, we further optimized the routes. We gave the "solid" parts more importance in bearing sections of routes and by doing so, we enlarged their green surface and the usable volume inside (left). We left the section of the bridges we found necessary to bridge gaps between "solid" part. This was the final step in optimization of the project (right).



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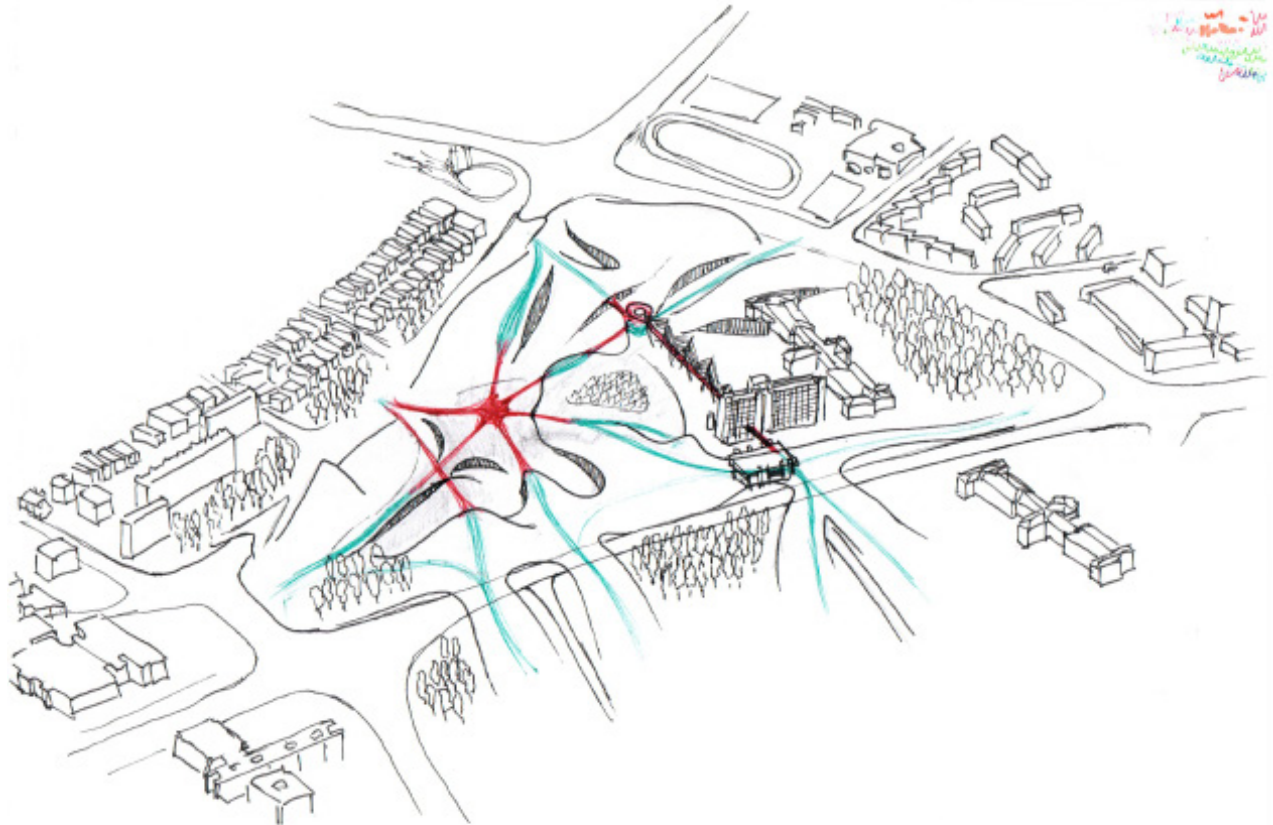


To determine which sides of “solid” parts have open façades and which critical parts touch the ground we drew this maps that shows the façades as yellow lines. The places where yellow lines are broken or non-existent are the points or areas where the roof of the structure blends with the natural ground level (left).  
To make the design process more manageable we divided the work. (The division didn’t lasted for long) (right).





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## Bridging the City - CONCEPT

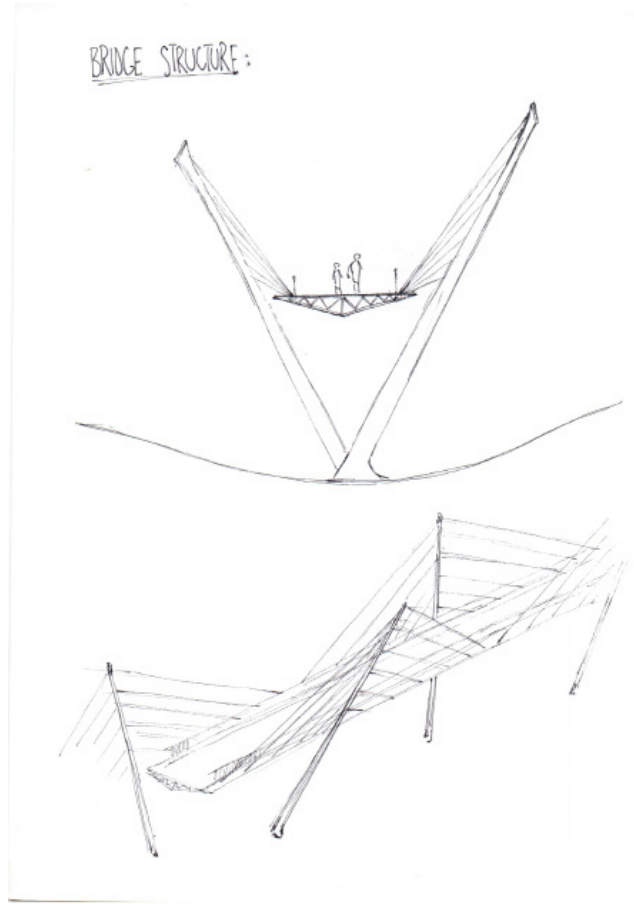
A visionary sketch that shows the relation of the structure of "solid parts", pathways and the bridges that arise from them. The quick pathways are shown in blue colour while the bridges that are extending the pathways are shown in red (left).  
A sketch that shows an early concept of the bridge (right).





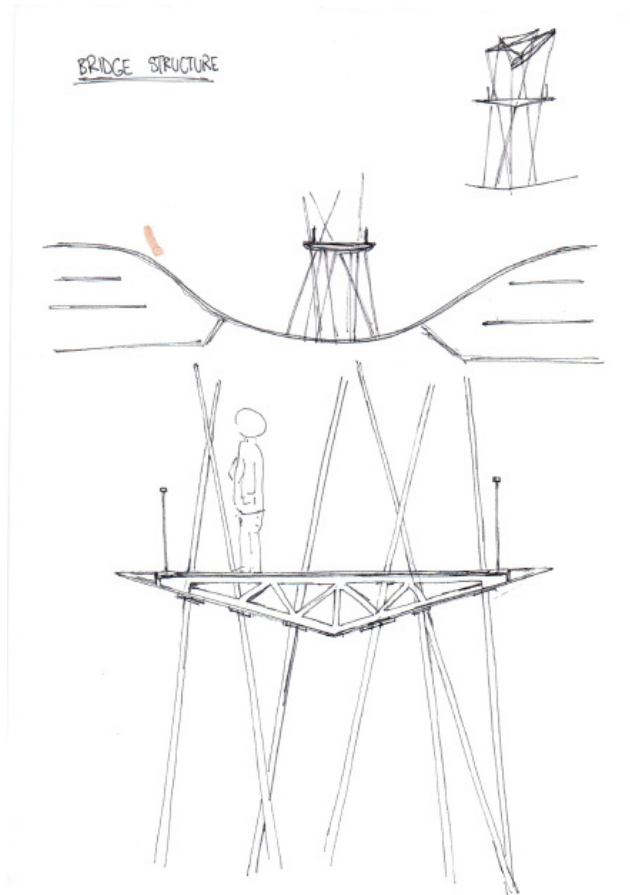
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## Bridging the City - CONCEPT

Exploring different structural solution for the bridges. This one was rejected as unsuitable for this project (left).  
Exploring different structural solution for the bridges. This one was rejected as unsuitable for this project. However the final solution has its roots in this one (right).



[illegible]

## Bridging the City - CONCEPT

A sketch that shows what the eastern entrance into the area may look like (left).

A sketch that shows what the central part of the area may look like (right).



PROJECT

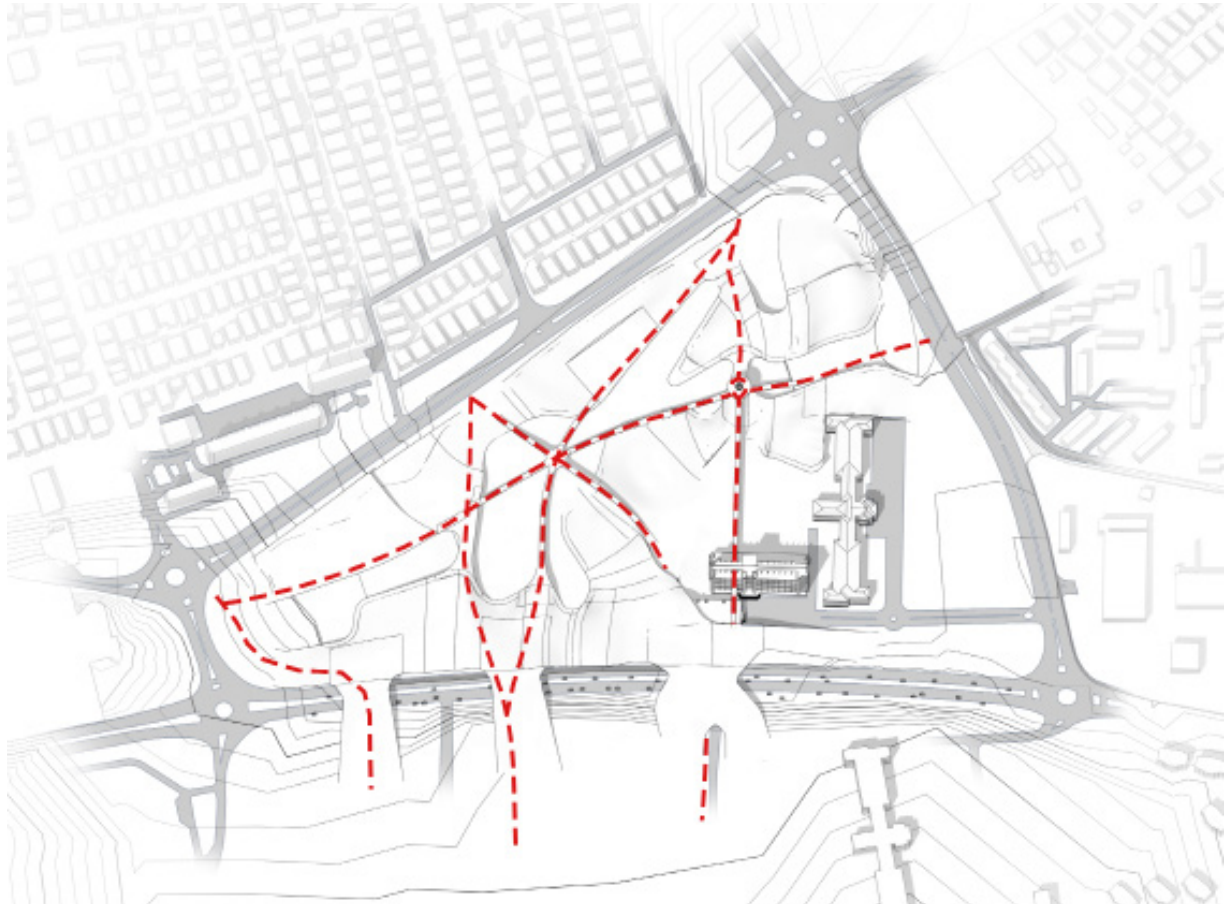
## Bridging the City - PROJECT





# Comparison with Analysis

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[illegible]

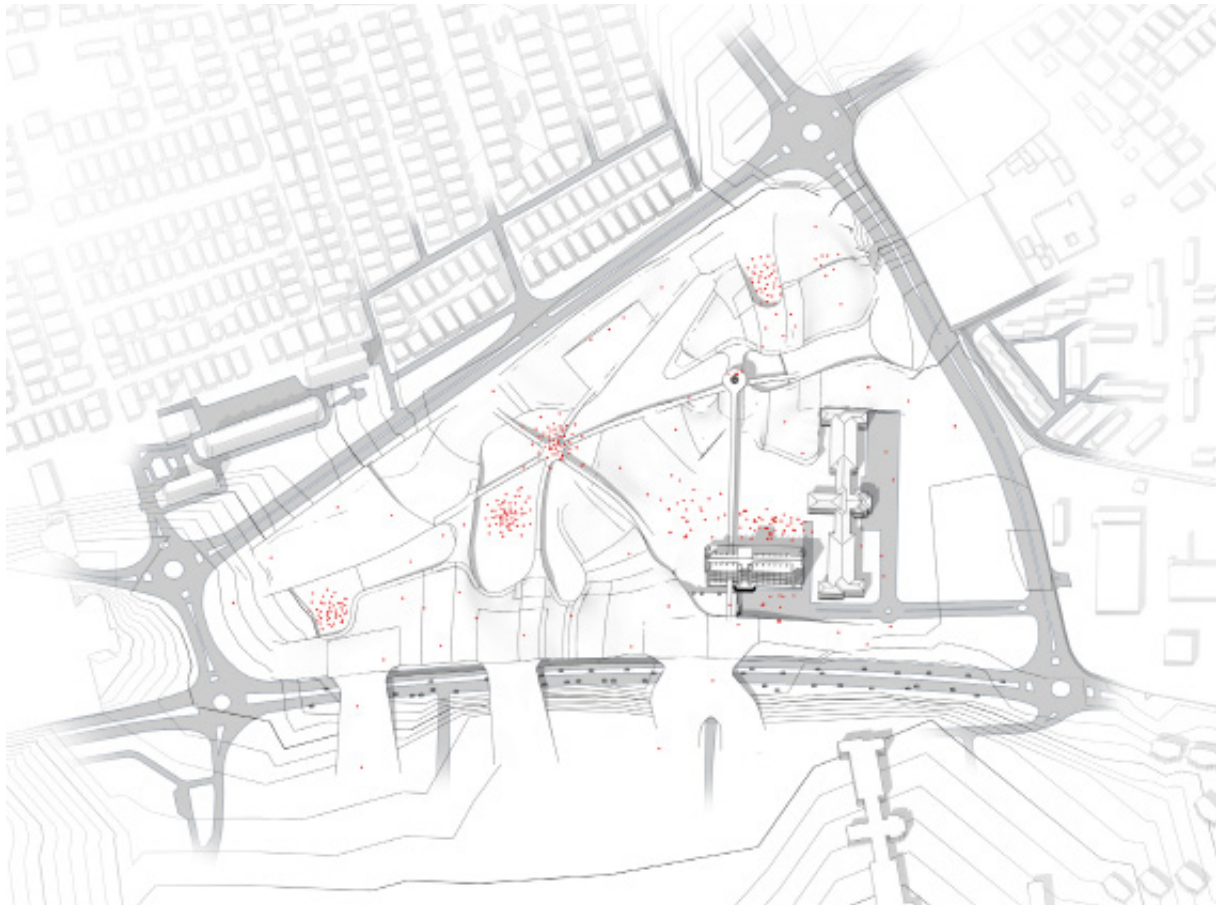
## Bridging the City - PROJECT

Quick Walk Routes that were one of the parameters that we based the project on. The dashed lines show the route people take when are in a hurry, commuting or are trans-passing without an intention of stopping by (left). Roaming Routes - these are some of the possible route one can take when coming there to explore the area, to relax or for his/her leisure time (right).

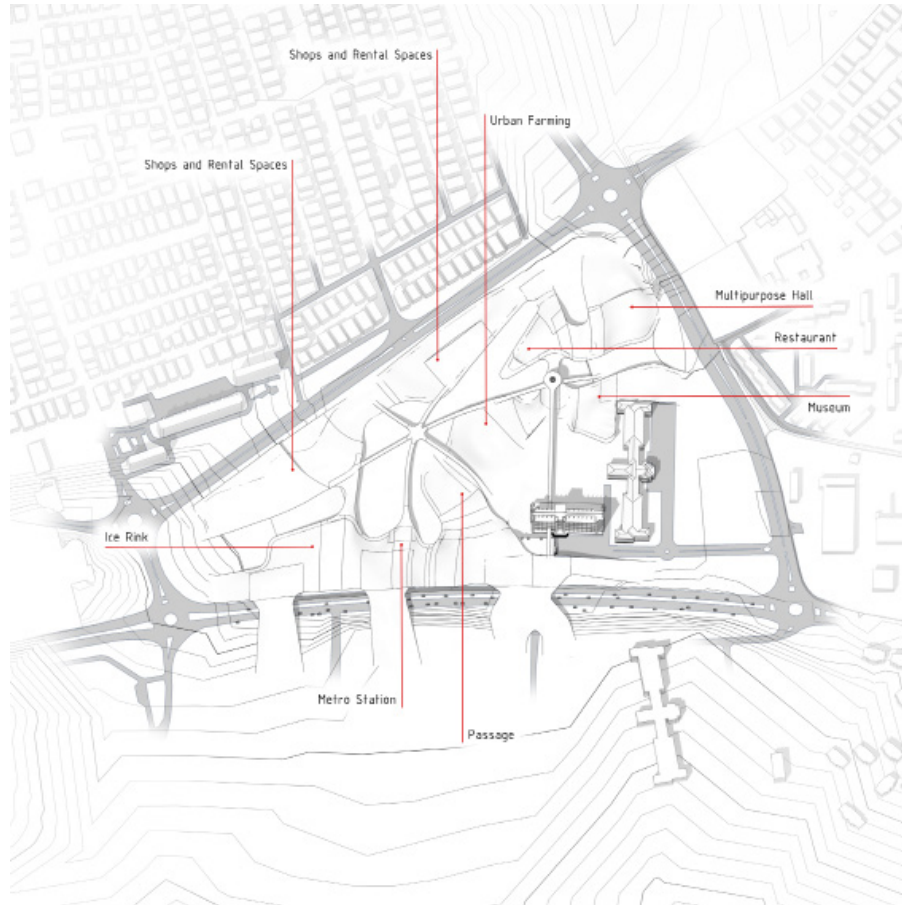


## Bridging the City - PROJECT

Gathering Places are those that we recognized in our design as open places where crowds can gather. These are the places that are most susceptible to gathering of large masses.



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## Bridging the City - PROJECT

This plan shows the disposition of the activities within the project (left).

This plan with attached images explains the activities further (right).



## Bridging the City - PROJECT

Exploring different structural solution for the bridges. This one was rejected as unsuitable for this project (left).

Exploring different structural solution for the bridges. This one was rejected as unsuitable for this project. However the final solution has its roots in this one (right).

# Diagrams of the individual parts

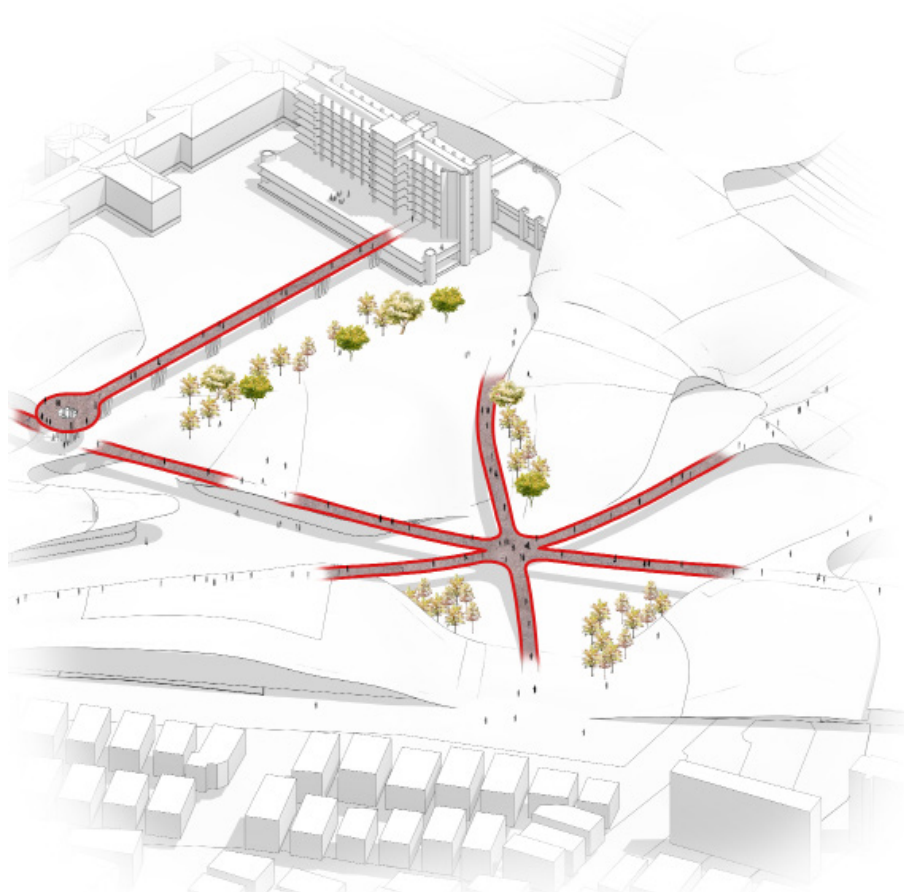


[illegible]

A line drawing of a hand holding a tool, possibly a scalpel or a similar surgical instrument. A red dashed line is drawn over the tool, highlighting a specific path or area of interest. The line starts near the base of the handle and extends towards the tip of the blade.

## Bridging the City - PROJECT

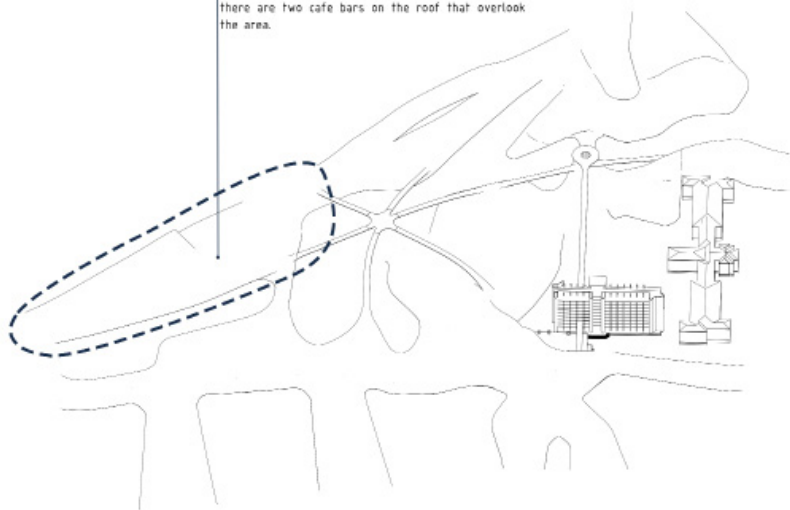
The Bridges.



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[illegible]

Shops and rental spaces - shops that face the Akdeniz street provide it with a glass front and thus keep the noisy traffic of the area. The first floor of these parts are dedicated to rental space for business purposes. In the addition to these spaces, there are two cafe bars on the roof that overlook the area.



## Bridging the City - PROJECT

Shops and Rental Spaces.

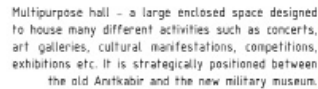




## Bridging the City - PROJECT

Shops and Rental Spaces.



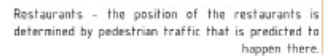
[illegible]



## Bridging the City - PROJECT

Multipurpose Hall.

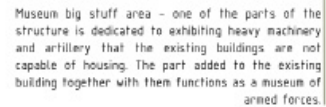


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## Bridging the City - PROJECT

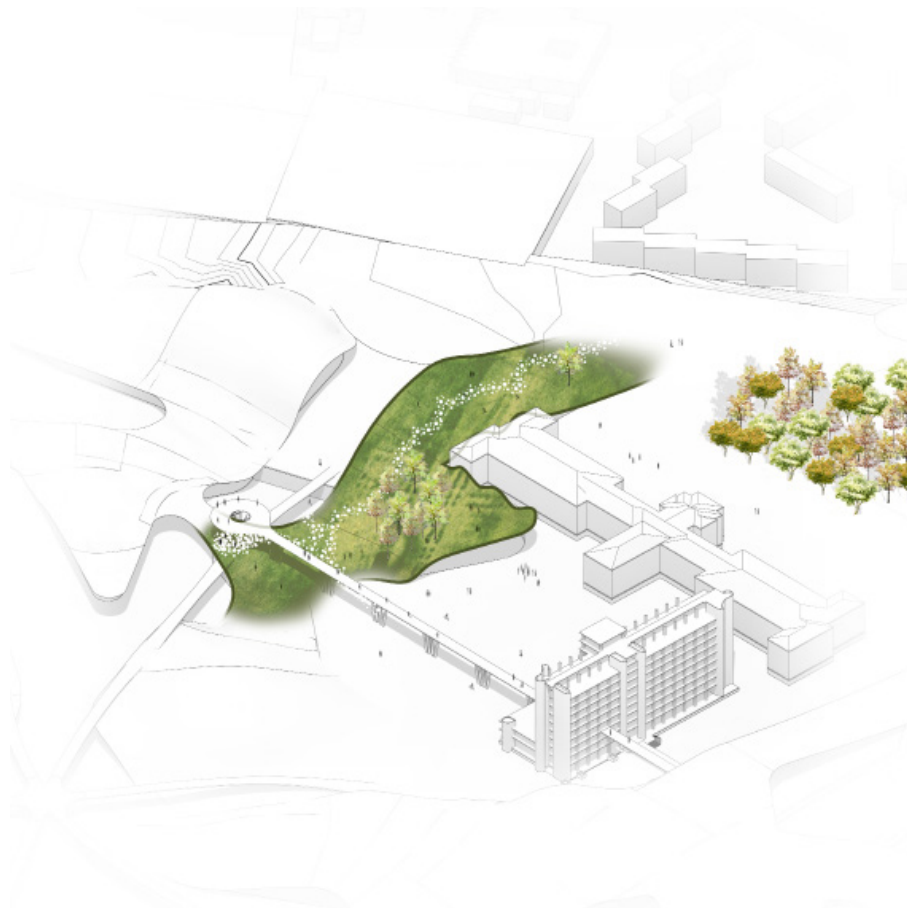
Group of Restaurants.

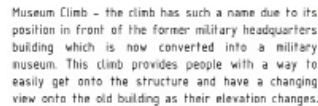


[illegible]

## Bridging the City - PROJECT

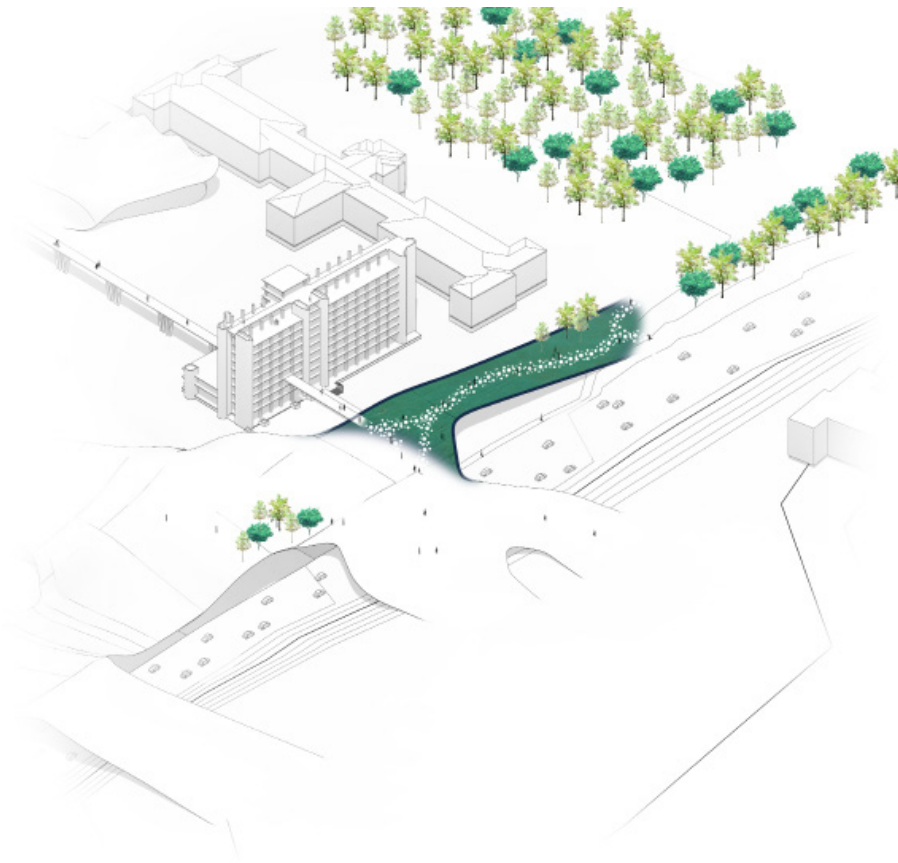
Museum Annex.



[illegible]

# Bridging the City - PROJECT

Museum Climb.

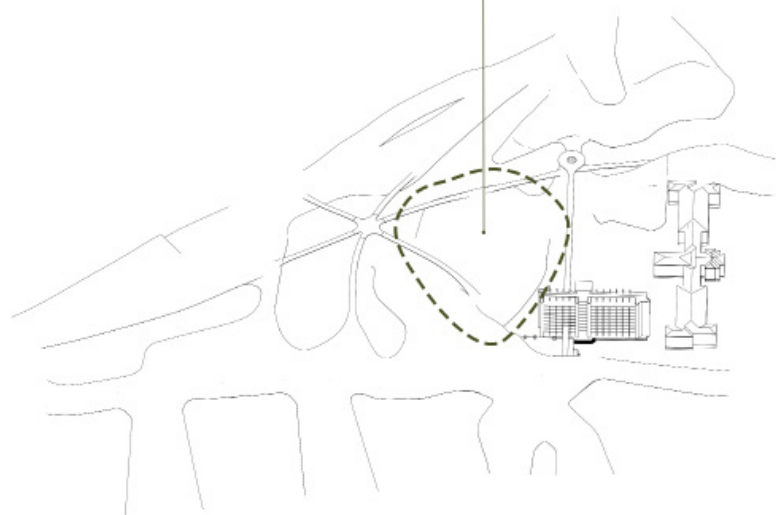




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[illegible]

Urban farming - an educational center where people can both learn how to grow their own food and get an opportunity to grow it in controlled conditions. Urban farming facility is situated in the middle of the area where the effect of traffic is the least obvious.



## Bridging the City - PROJECT

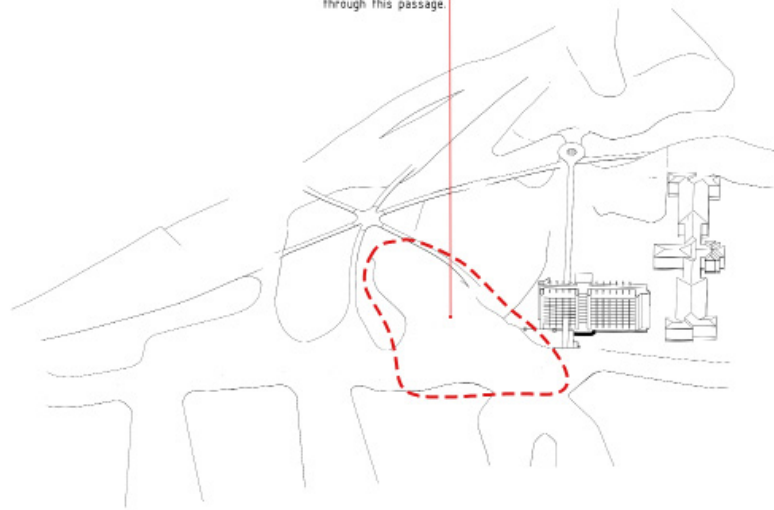
Urban Farming.



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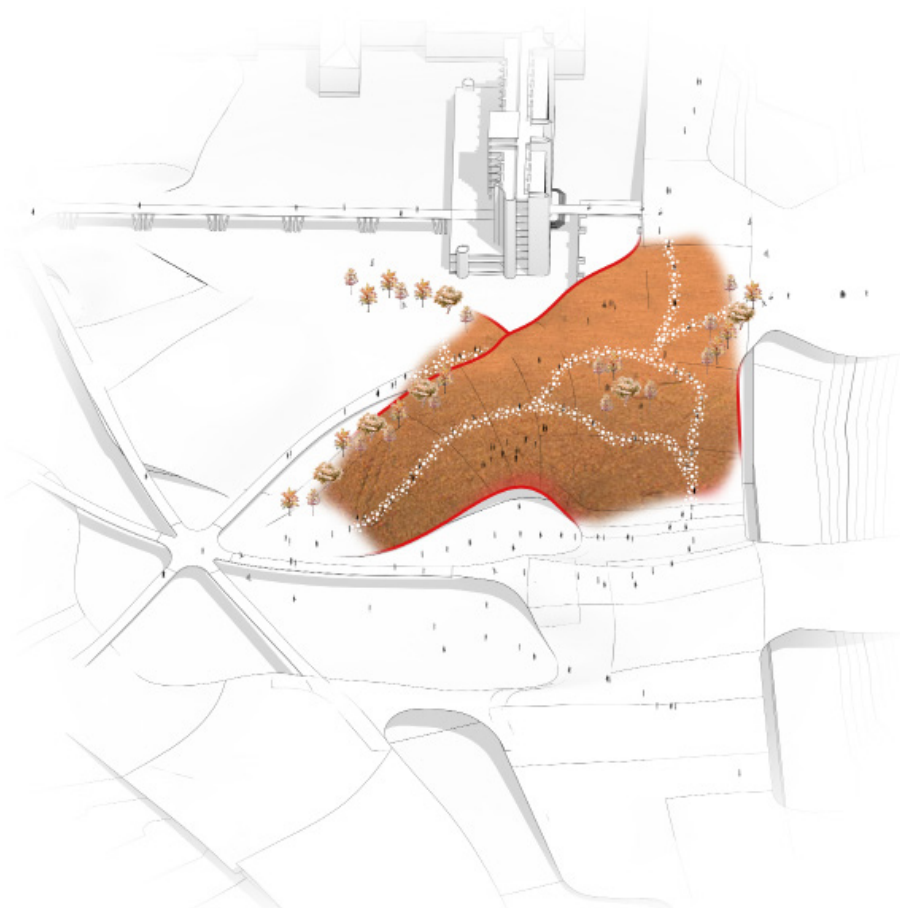
[illegible]

Passage/Pazar - this whole one part of is dedicated to promotion of contemporary way of thinking pazar. The passage ways that are here present by design, provide an opportunity for just that. Another added value to this fact is that the metro station is the adjacent to is which means more people will pass through this passage.



# Bridging the City - PROJECT

Passage/Pazar.

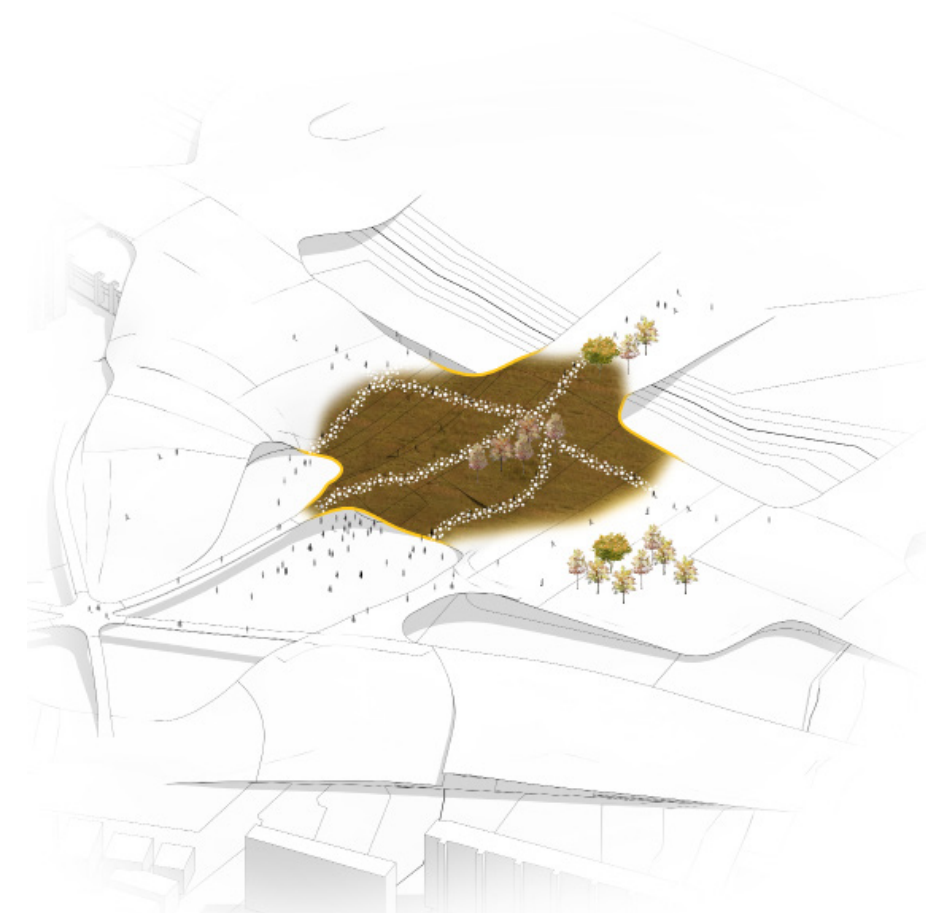


[illegible]

The connection to the metro is not a problem here because a metro line passes right under the Innuit boulevard.

## Bridging the City - PROJECT

Metro Station.



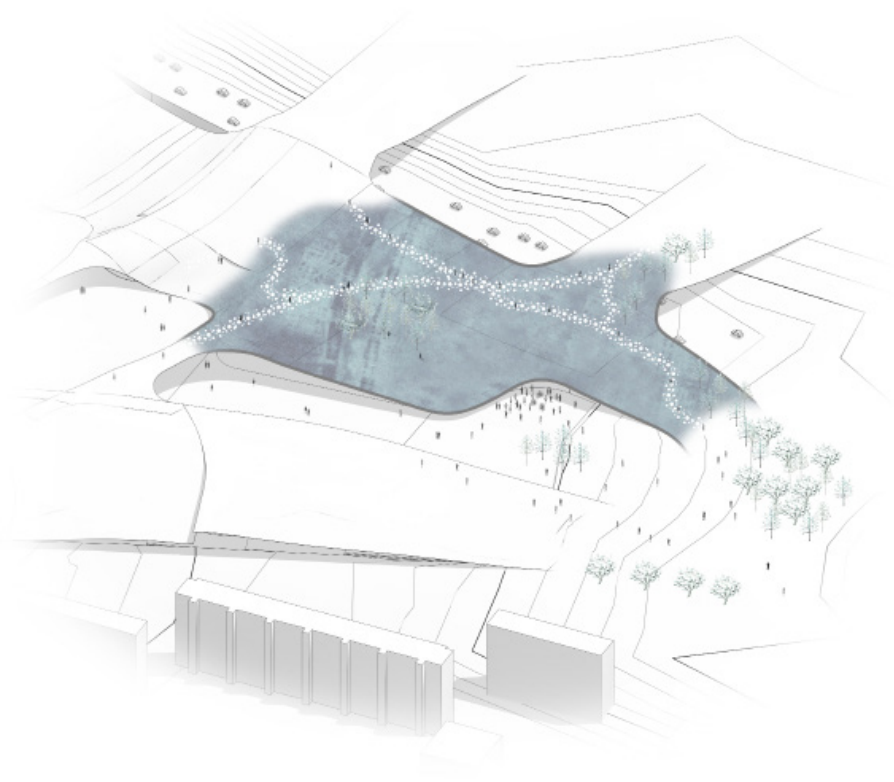
[illegible]

A line drawing of a hand holding a surgical instrument, possibly a grasper or retractor. A dashed line is drawn on the instrument, indicating a specific anatomical area or a point of interest. The drawing is a simple line sketch, likely for educational or instructional purposes.

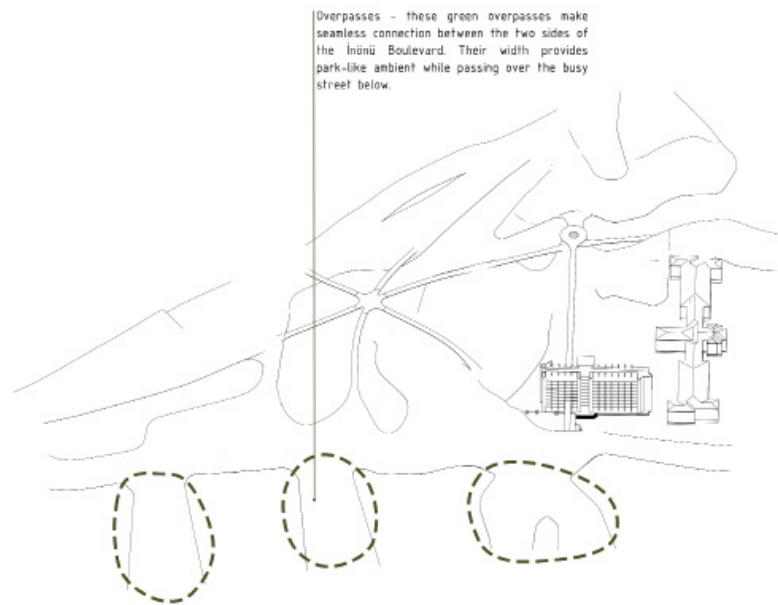


## Bridging the City - PROJECT

Ice Rink.

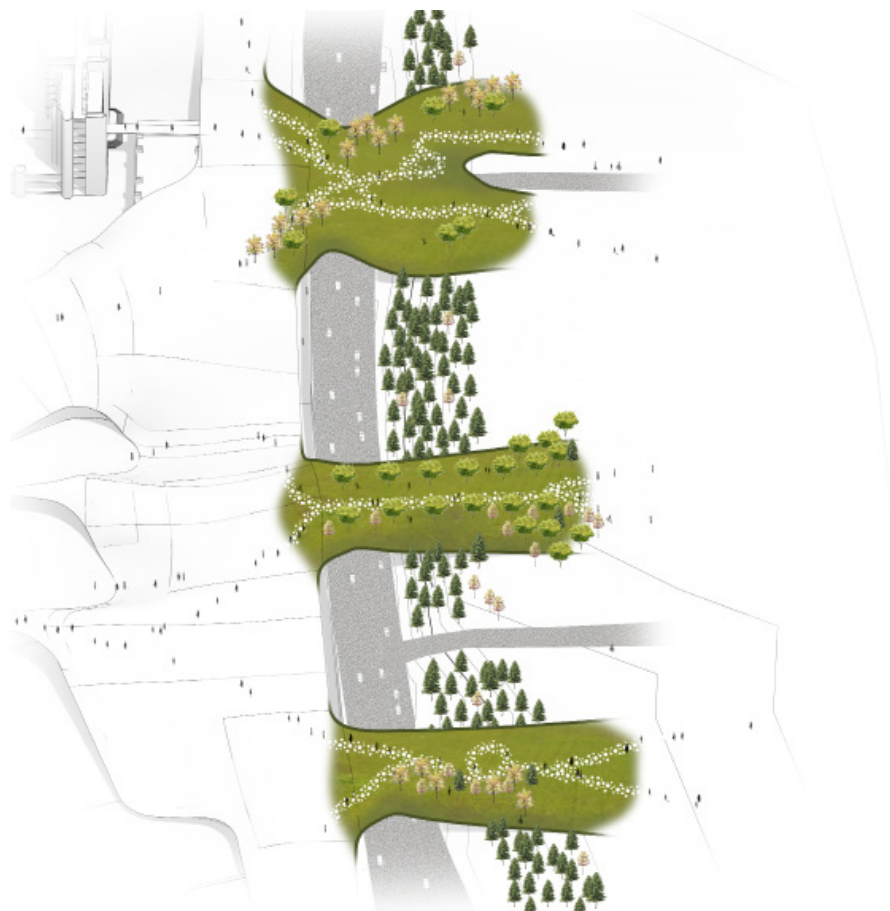


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[illegible]

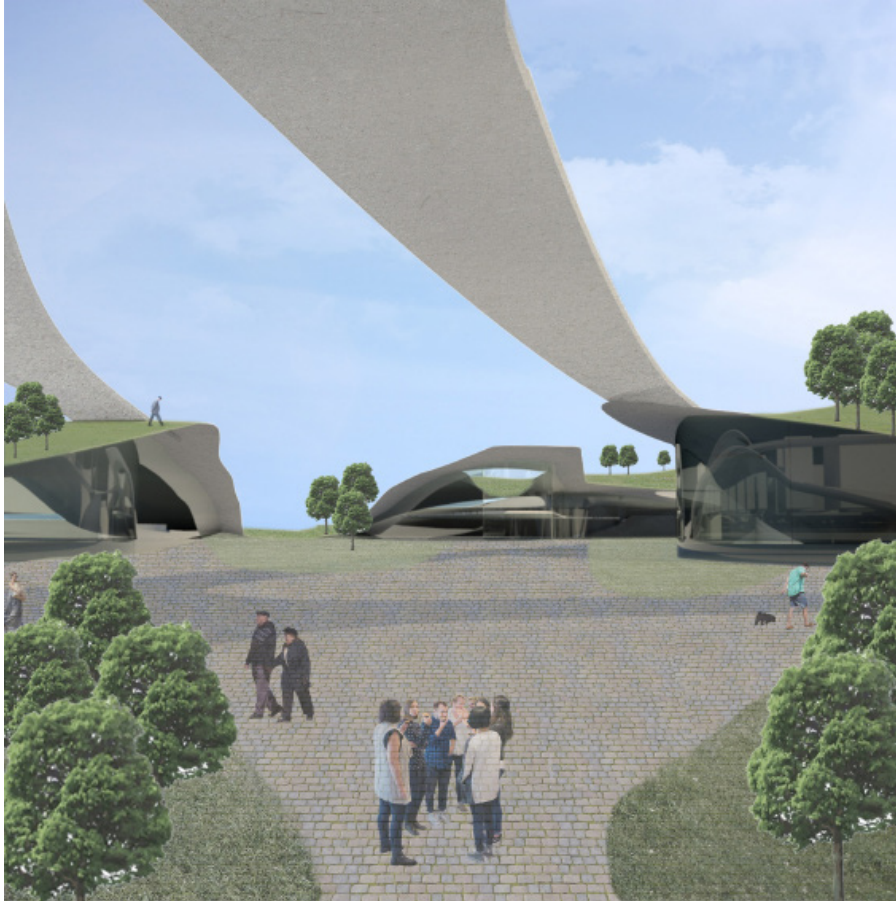
## Bridging the City - PROJECT

Overpasses.



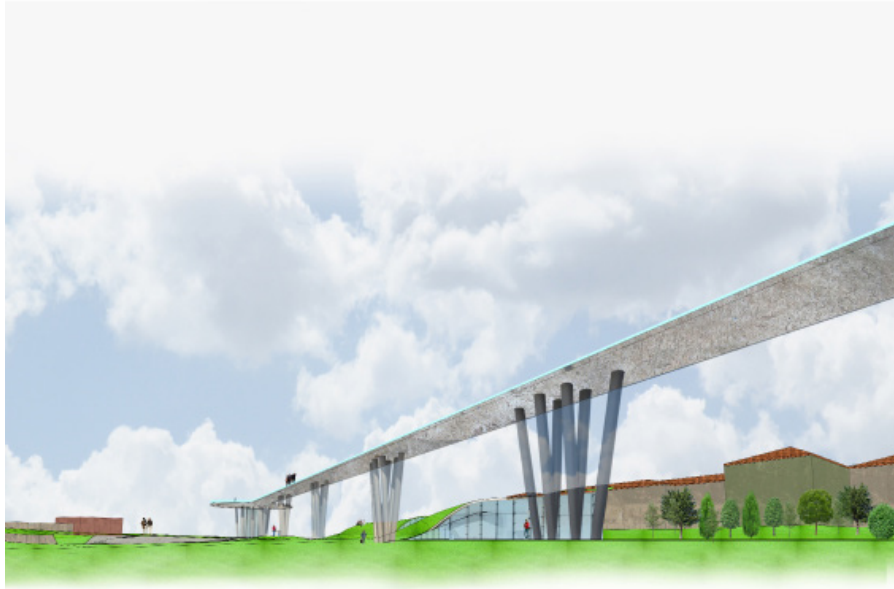
## Moments in the project

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[illegible]

## Bridging the City - PROJECT

Main Square under the bridge and the group of restaurants in the middle of the image. To the left - Akdeniz shop, to the right - Urban Farming (left).  
Under the Upper Bridge, open exhibition area of the museum (right).



[illegible]



## Bridging the City - PROJECT

Akdeniz Shops and Rental Spaces on the west side (left).  
Akdeniz Shops and Rental Spaces on the east side (right).



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[illegible]

## Bridging the City - PROJECT

3D Section of the Multipurpose Hall (left).  
View through the slit in the roof of the Multipurpose Hall that opens the scene for the Anıtkabir (right).



## Bridging the City - PROJECT

Group of Restaurants and the Upper Bridge plaza (left).  
Scene a person can experience when entering the area from 84. Caddı (right).



[illegible]



## Bridging the City - PROJECT

This view shows the climb in front of the museum from which people can enjoy the new “naked” appearance of the Headquarters building (left).  
View from the Headquarters building to the central area of the project (right).



[illegible]

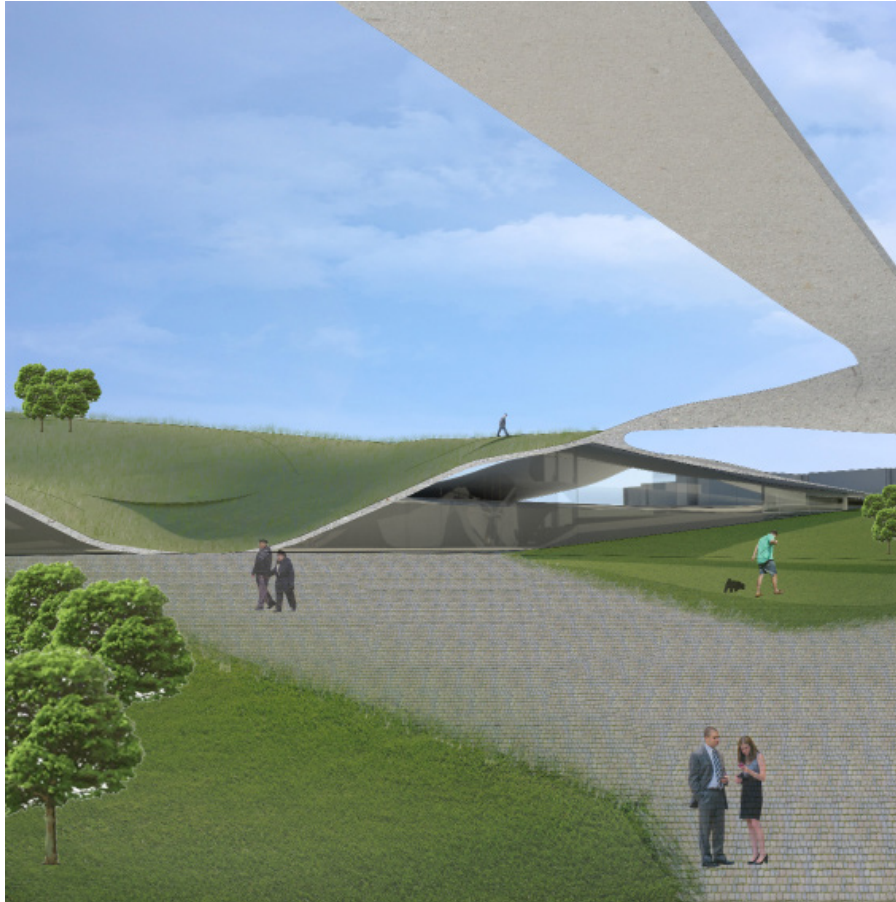


## Bridging the City - PROJECT

View form the Passage "solid" onto the Urban Farming" (left).  
Reception square of the Ice Rink (right).



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[illegible]

## Bridging the City - PROJECT

View onto the Ice Rink "solid" part from the central square (left).  
Coming from the south passing western most overpass, one can encounter a Headquarters museum building (right).



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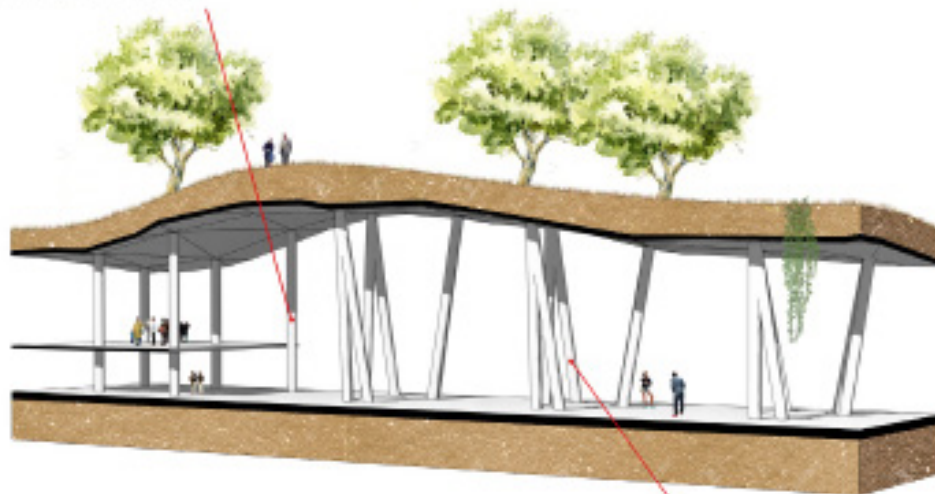
[illegible]

# Structural System/Türkçe

## Bridging the City - PROJECT

Group of Restaurants and the Upper Bridge plaza (left).  
Scene a person can experience when entering the area from 84. Caddı (right).

Basic columns - individual structural columns used in non-representative spaces. These are regular load-bearing columns 100cm in diameter. Spaces between 11 and 13 meters apart they can be found in secondary places such as storage rooms, backstages, offices etc.

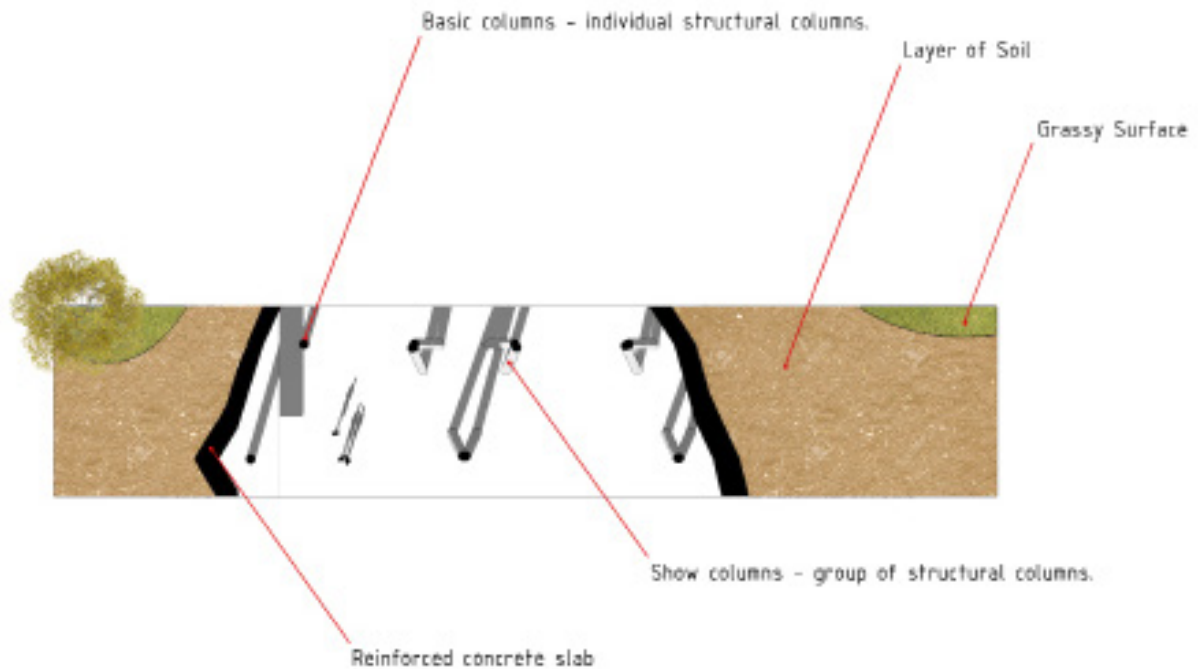


Show columns - group of structural columns used in representative spaces, as in entrances of major activity centers.

[illegible]

## Bridging the City - PROJECT

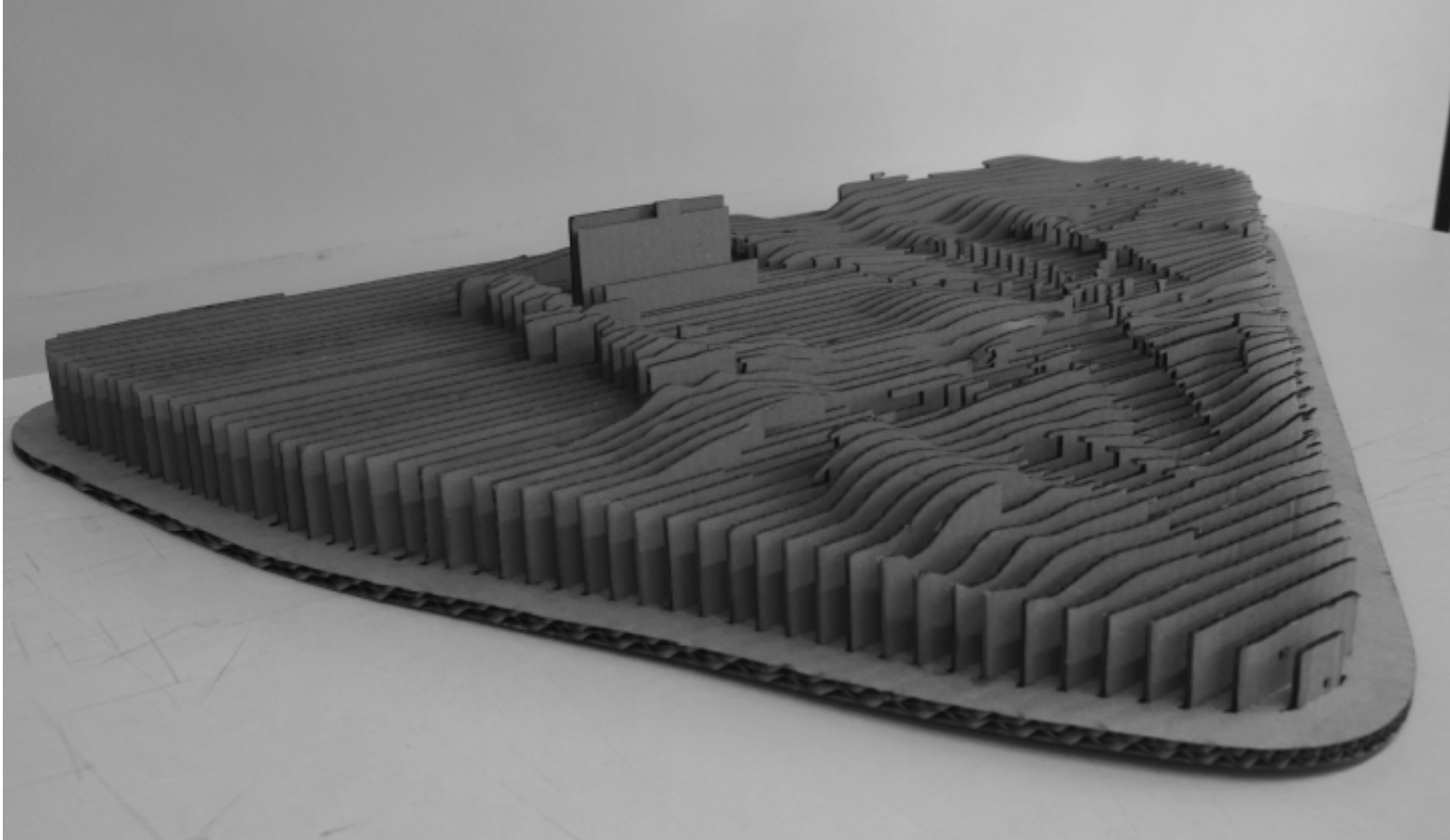
This view shows the climb in front of the museum from which people can enjoy the new “naked” appearance of the Headquarters building (left).  
View from the Headquarters building to the central area of the project (right).



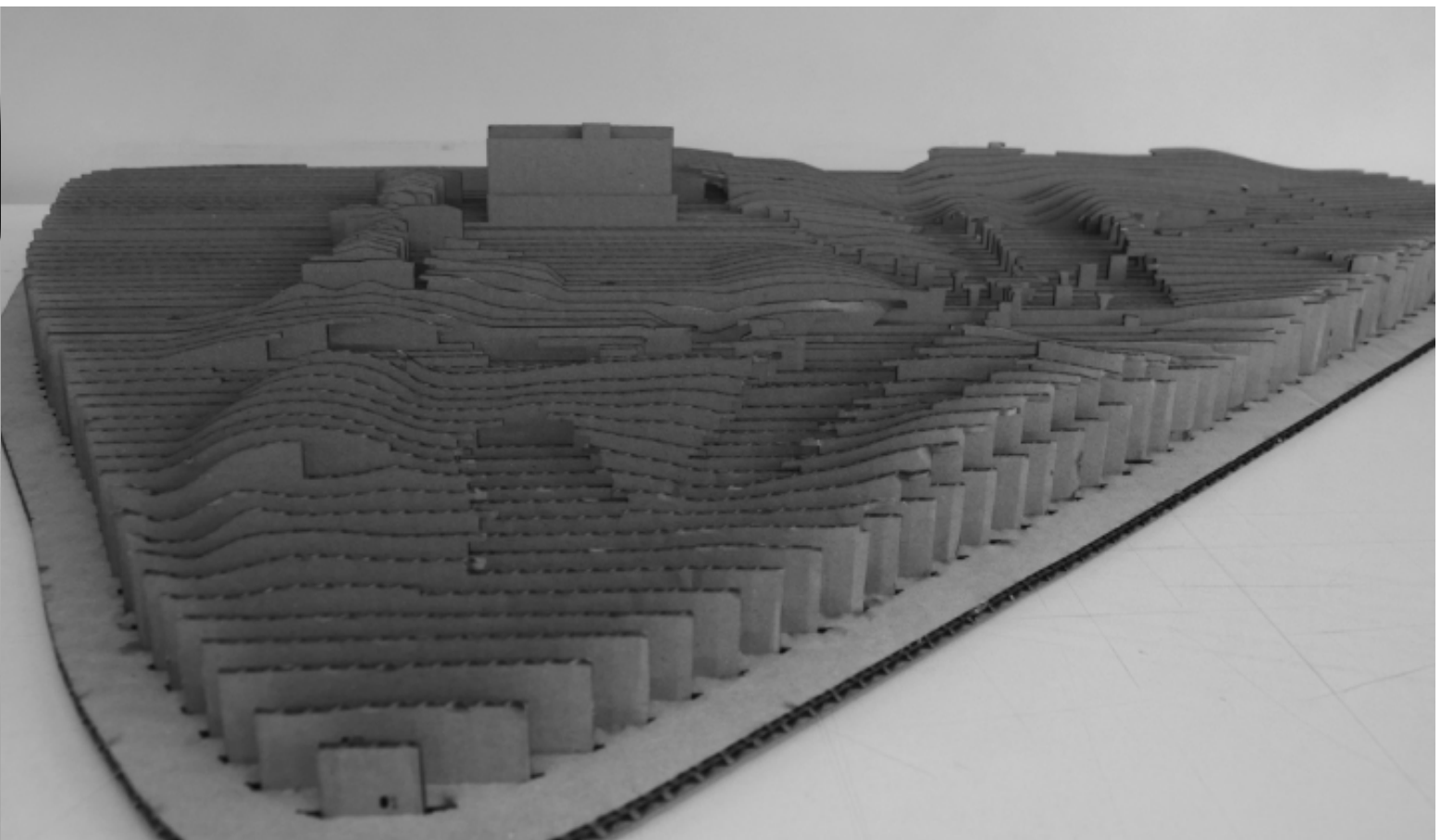


PHYSICAL MODEL

BEYZA GIZEM ÖZTÜRK, SÜMEYYE AKIN, ZEYNEP OKUMUŞ, MAKSİMILIAN TAŞLER



## Bridging the City - PHYSICAL MODEL



## Bridging the City - PHYSICAL MODEL

