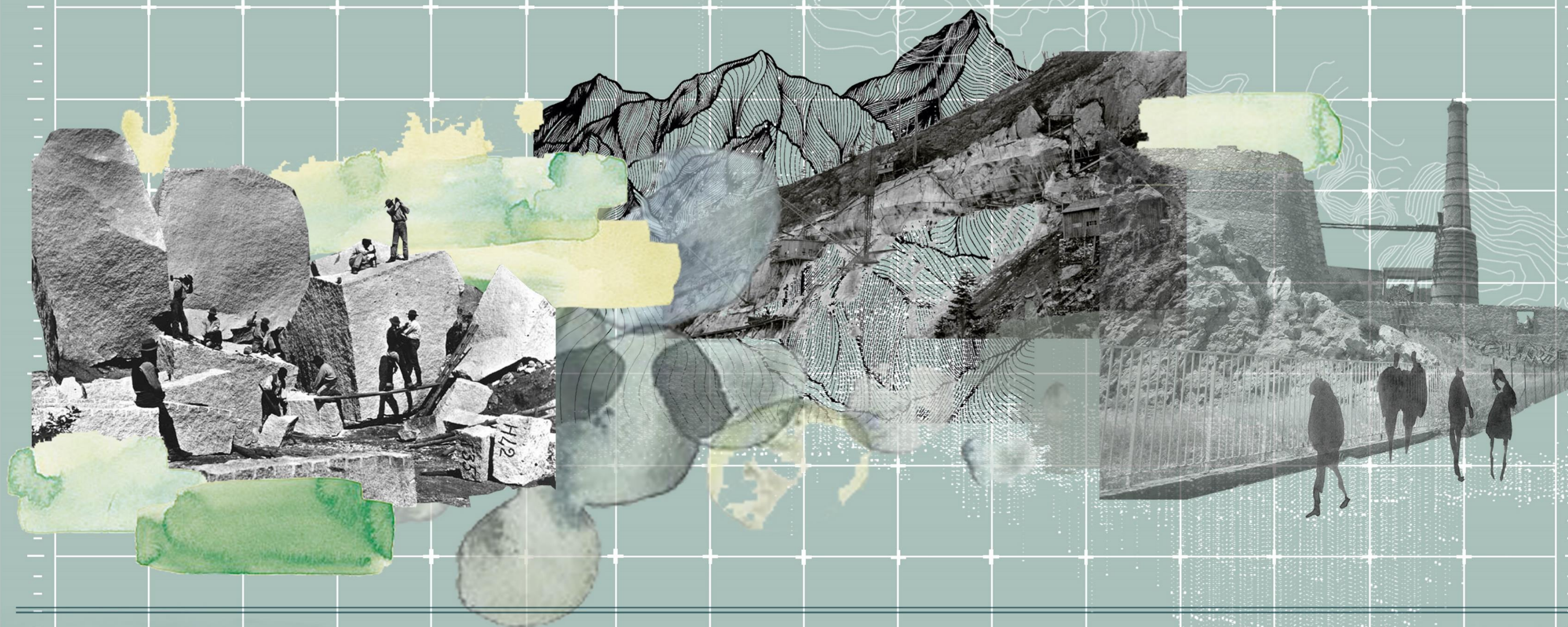




LATO



Country / City

Greece - Chania

University / School

Technical University of Crete - School of Architecture

Academic year

2019-2020

Title of the project

Redefining the industrial value: regeneration of the old LATO quarry in Tourkovounia hill, Athens

Authors

Sofia Kallimasioti, Aikaterini Papoutsas

TECHNICAL DOSSIER

Title of the project Redifining the industrial value: regeneration of the old LATO quarry in Tourkovounia hill, Athens
Authors Sofia Kallimasioti, Aikaterini Papoutsia
Title of the course Thesis
Academic year 2019-2020
Teaching Staff Panita Karamanea
Department/Section/Program of belonging School of Architecture
University/School Technical University of Crete - School of Architecture



Written statement, short description of the project in English, no more than 250 words

.....
This diploma project attempts to **redesign** the area of the **abandoned LATO quarry** in **Tourkovounia**, which is the highest and most extensive hill range in the Attica basin. The project wishes to create a **new park** for the city and simultaneously to **enhance** the **industrial remains** of the area, as they form important elements of **urban memory** and **industrial heritage**. **Two design approaches** are proposed, the **cultural** and the **landscaped**. The quarry area is hosting the **creation** of a **Museum of Mineral Resources** and the **abandoned shells** are being **remodeled** in order to allow various **art forms** and **open air activities** in a **vegetated bioclimatic context**. An **"industrial itinerary"** is formed, as a **transition** from the **cultural context** to the **landscape** and **vice versa**, organizing the **composition of the design**. All the **interventions highlight** the important **character** of the **industrial heritage** of the area and at the same time, **constitute a connecting link** for the surrounding neighborhoods, **turning the area** into an important **pole of urban attraction**.
.....
.....

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CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020
SCHOOL PRIZE

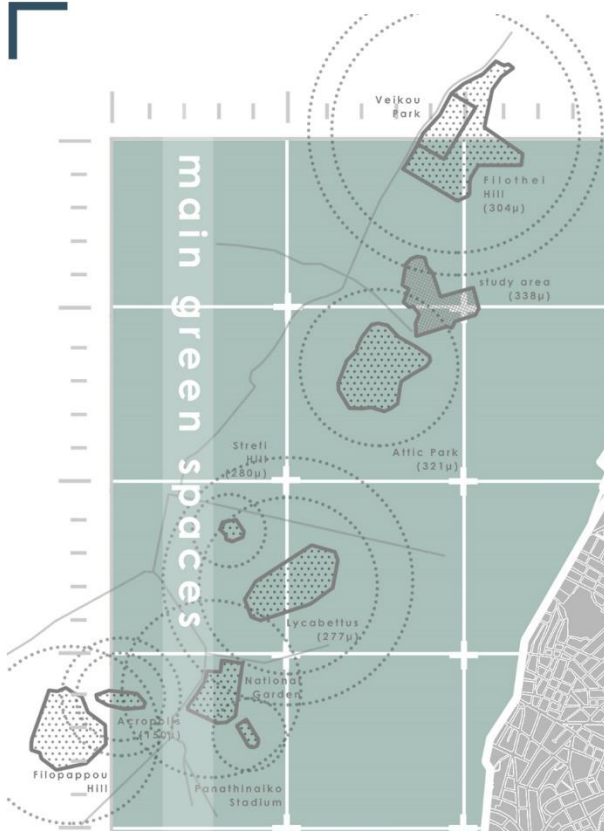


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LOCATION OF STUDY AREA



main green spaces



The KEKROPS and LATO quarries operated in area under study. The mining activity started in 1937 by the company KEKROPS and in 1949 the work was extended to the Municipality of Galatsi by LATO. In 1976, the operation of both quarries stopped, leaving behind a distorted landscape. The worn natural landscape in combination with the expansion of the urban web, turned the hill into a remnant space with no identity.

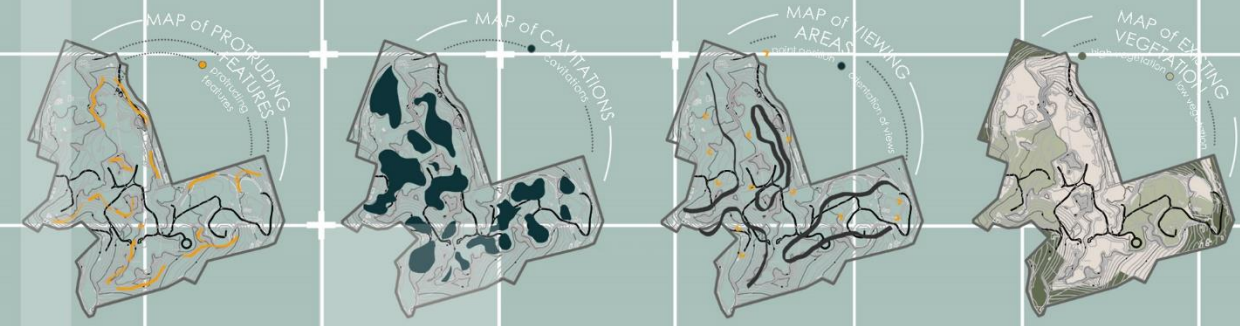
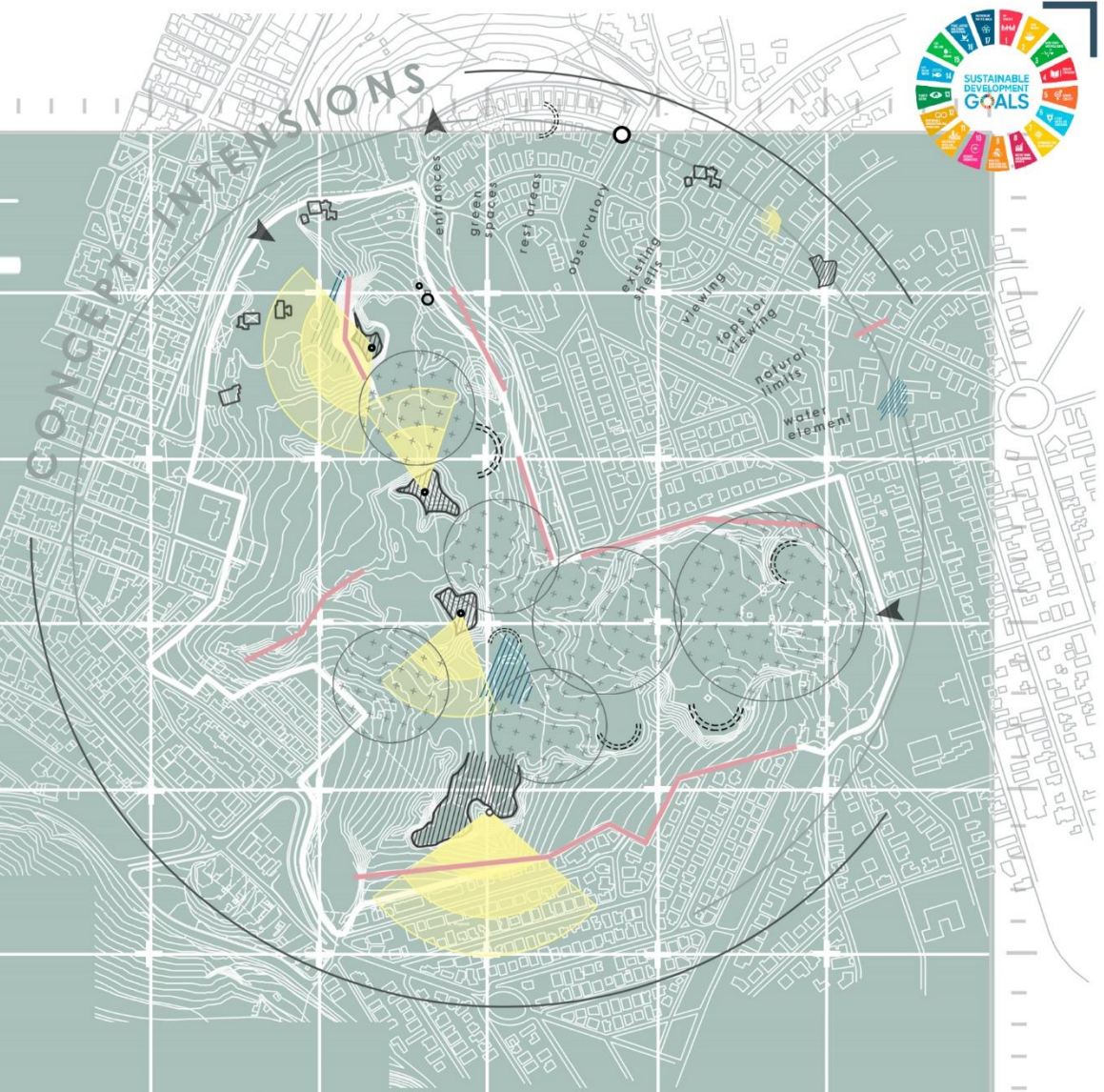
The relief that emerged at the end of the excavation work is a set of flares and cavities with intense altitude differences that reach 54 meters. The result of these rough soil fluctuations is the violent shading that is imprinted on the ground.

The landscape is completed by the quarry buildings and the minimal vegetation. Most of the buildings are abandoned industrial buildings, some of which are in ruins.



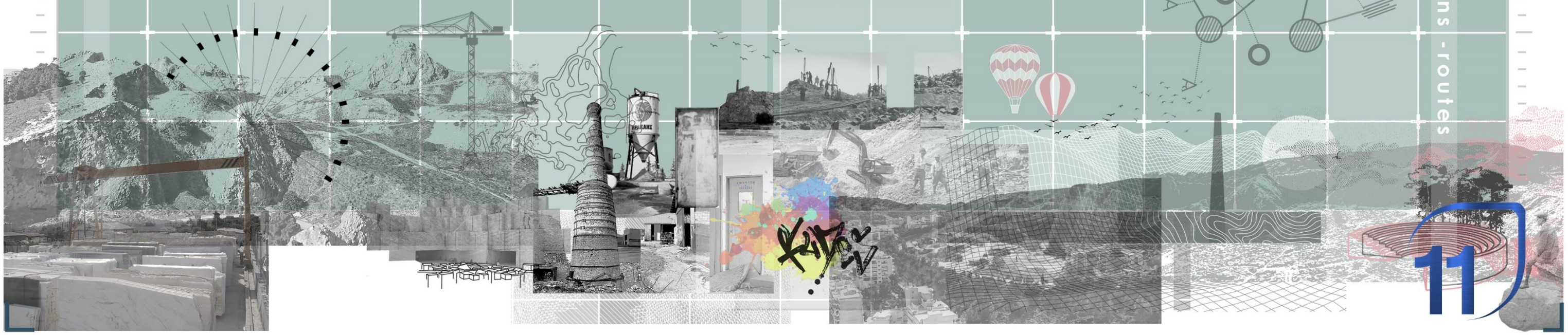
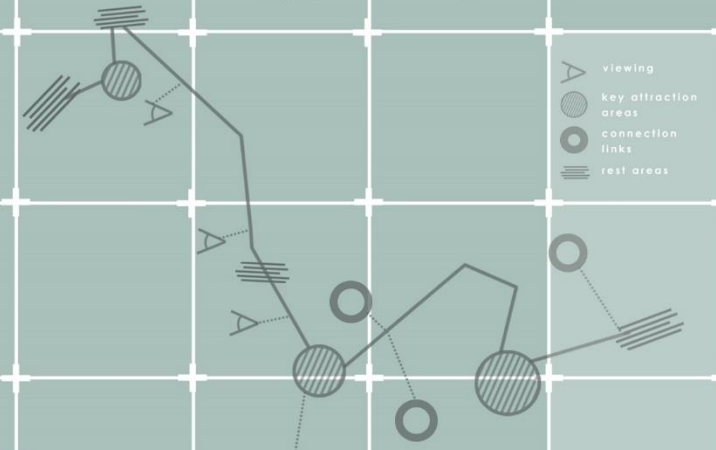
Turning to the intentions of our design, we started by recording the features and character of the area. We have identified areas that, due to their morphology, favor green landscaping, areas that have strong morphology and create cavities, areas that favor viewing, due to the high altitude and areas that due to previous quarry activity are of particular interest and the aim will be their promotion.

One of our goals, is the integration of the water element. An element that often occurs in quarries due to deep excavation and can be used appropriately as a key element of connection and transition.



analysis

connections - routes



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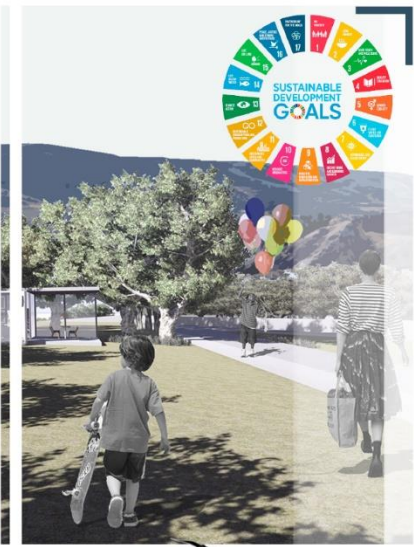
image 1 | entrance from Galatsi



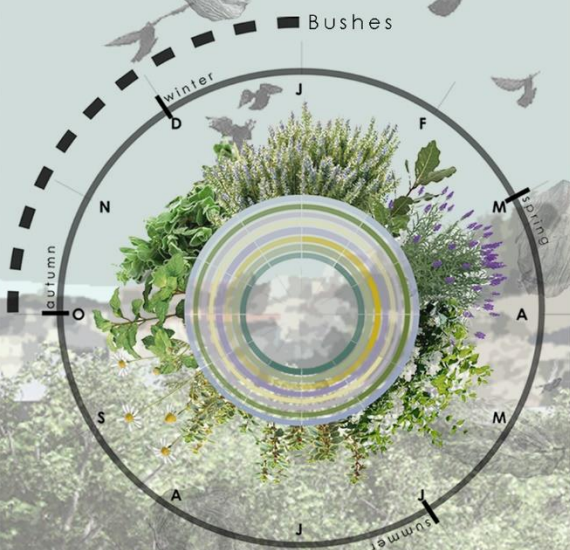
image 2 | sidewalk | cafe | playground



image 3 | cafe | playground



Trees

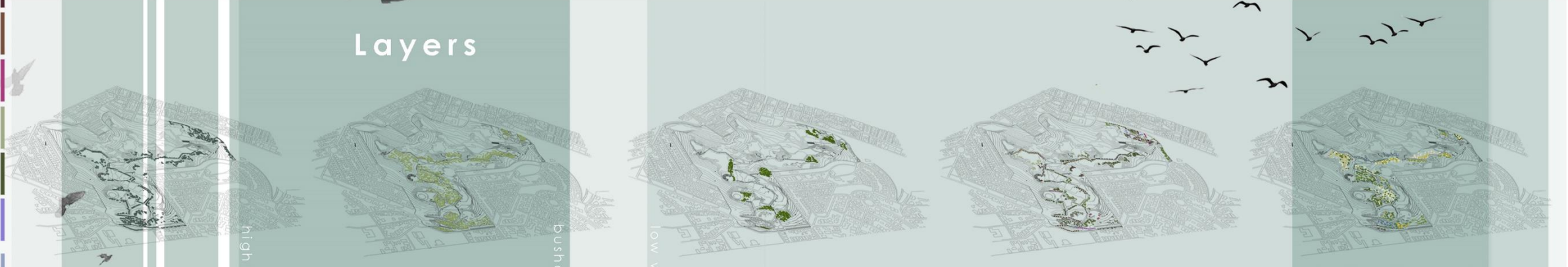


Bushes



Flowers

Layers



high vegetation

bushes & shrubbery

low vegetation

planting diagram | trees

planting diagram | bushes

flower formations

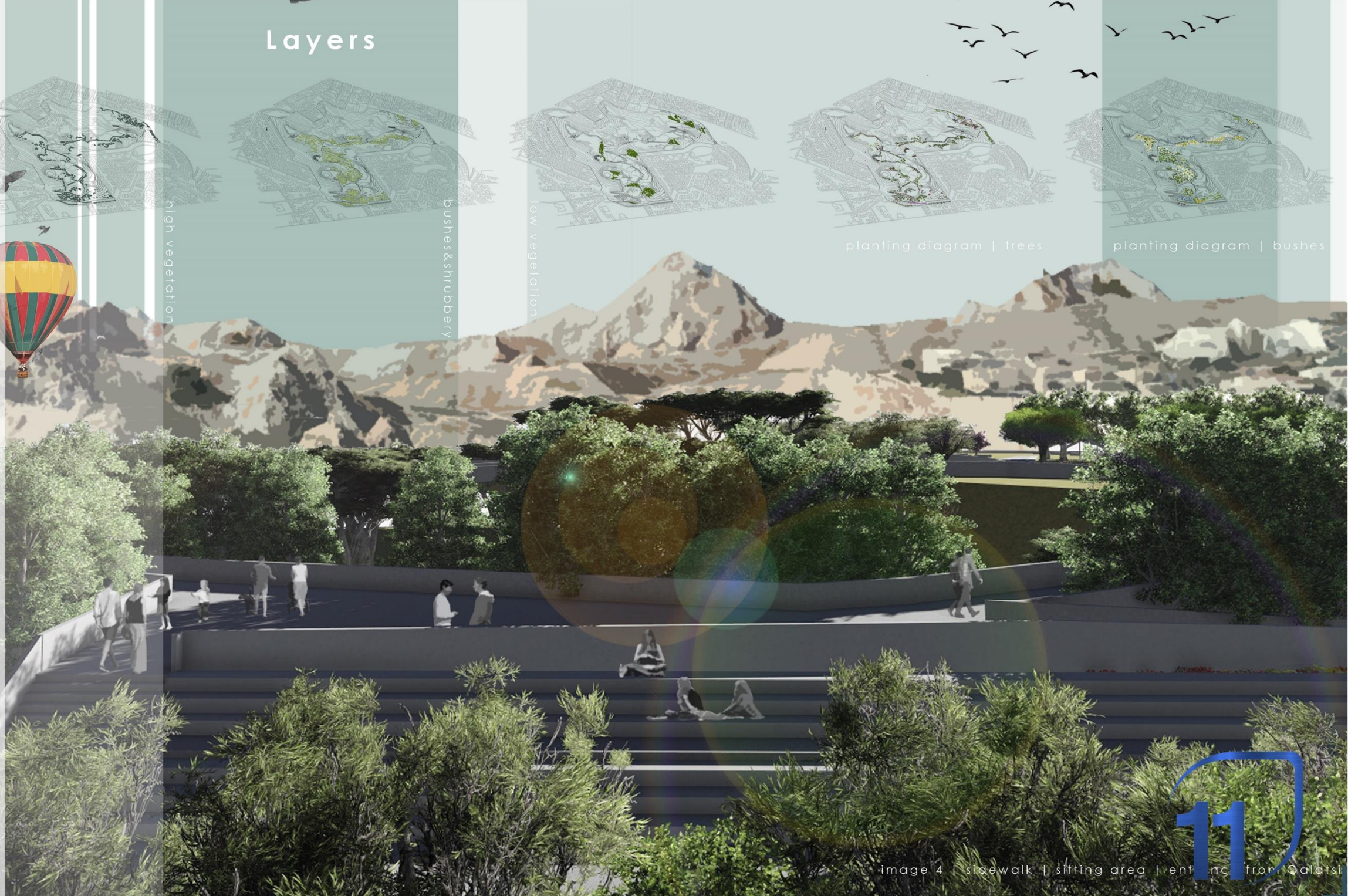


image 4 | sidewalk | sitting area | entrance from Galatsi



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image 5 | loading zone | water element

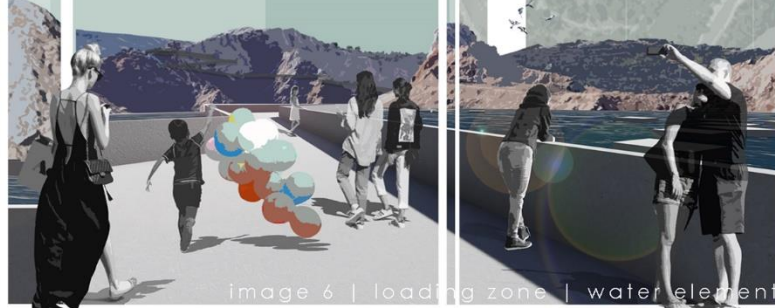


image 6 | loading zone | water element

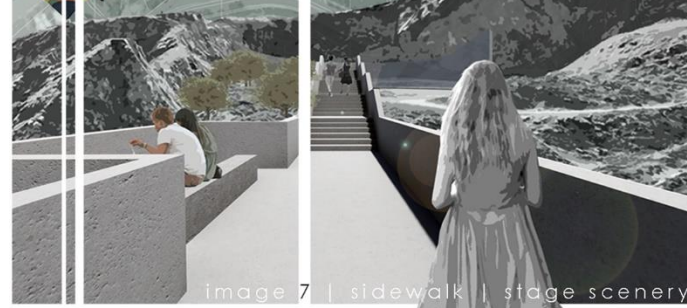


image 7 | sidewalk | stage scenery

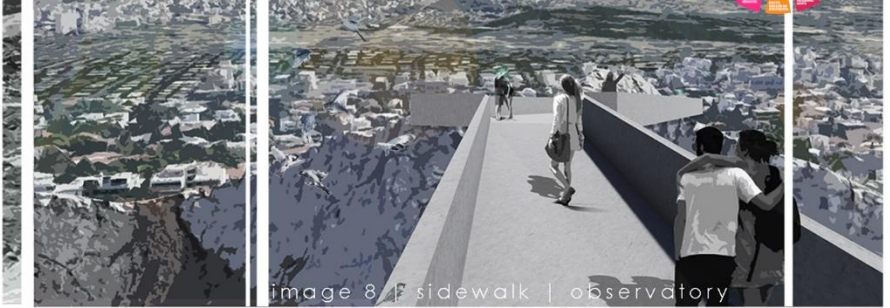


image 8 | sidewalk | observatory

