

CENTER OF REVALUATION OF THE NATURAL BRIDGE OF KFARDEBIAN - LEBANON

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The analysis of the site in Kfardebian revealed a constantly busy and active peri-urban region, especially in winter for its large ski resorts. Our site, which is located in the heart of this region, benefits from the dominant presence of agricultural land and mountainous terrain constituting the green grid, and a multitude of water tables, which together with the river constitute the blue grid. Exposed to sunshine and high humidity, the goal of my project is to develop an architecture that settles harmoniously in front of the natural bridge, the main focal point, considering that any future construction without direct correspondence with the relief or the material of the ground, will disturb the place. The goal is therefore to disturb in another way: to disturb with emotions.

Aiming to create a micro-village atmosphere that will encourage living in community, my system then consists of a superposition of frames in order to result in a flexible device where nature dominates the architecture.

Thus, the different meshes or stratifications are the object of a coherence between the roads (blue frame) which guides the organization of the project, the greenery (green frame) which is constantly present, and the full modules (functions of the project and outdoor facilities). These elements are pixelated in plan, and progress either in crescendo or in decrescendo, taking as point of departure and focus the natural bridge.

Slow circulation is established using a ramp, running along the entire project, connecting the functions to each other and constituting a directional architectural walk simultaneously to the natural bridge and the river. Thanks to this, importance is given to visitors with reduced capacity. Rapid circulation and covered by canopies are set up in parallel to ensure the proper functioning of the project.

My use of modular architecture is justified on the one hand by the organization of the adjoining, and on the other hand by its durable, minimalist quality and easily integrated into the slope. The adopted modules will come from a common Cartesian base, which will undergo subtractions or additions depending on their identities and the functions they house. The outdoor installations will be the result of a twinning between the modular concept and the water. The result will be a multitude of outdoor spaces and unique follies.

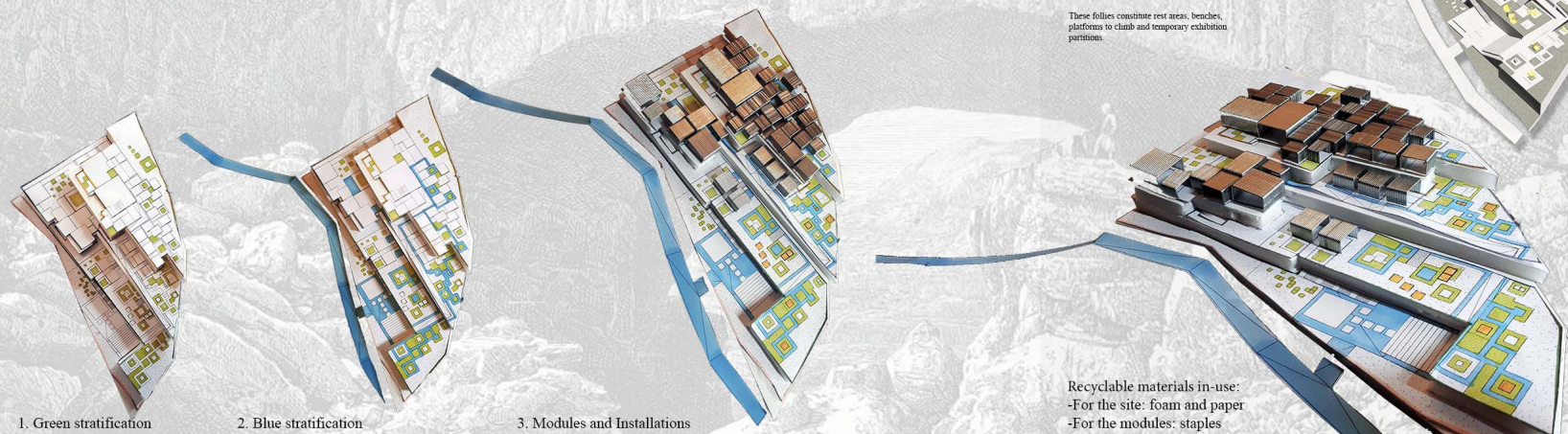
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Finally, in order to mark the uniqueness of the museum trail, the latter takes the theme of "The Creation of the World" and highlights, through different sequences, this unique phenomenon, by stimulating the senses of visitors while linking everything to the story of Kfardebian and Faqra.



MASS PLAN
SCALE 1:500

PHYSICAL MODEL OF THE PROJECT
SCALE 1:500



1. Green stratification 2. Blue stratification 3. Modules and Installations

Micro-village atmosphere and layered organization

Modules and Circulation

Use of modular architecture reduced as sustainable architecture with impact on the ground, the project being developed in a rocky site of considerable sensitivity.
Clear distribution of functions, each housed by a different module.
Project which takes into account people with reduced capacities a priori: ramps (interior and exterior) that run alongside the entire project.

Blue Stratification

Water course that begins at the entrance to the project, runs along the kiosks and continues in light cascades towards the outdoor course, where it submerges the facilities.
This course progresses continuously with the ramp (slow circulation of the project) and ends its way at the level of the bleachers and the floating stage, where it flows into the river (direct physical and visual link between the project and the site).

Green Stratification

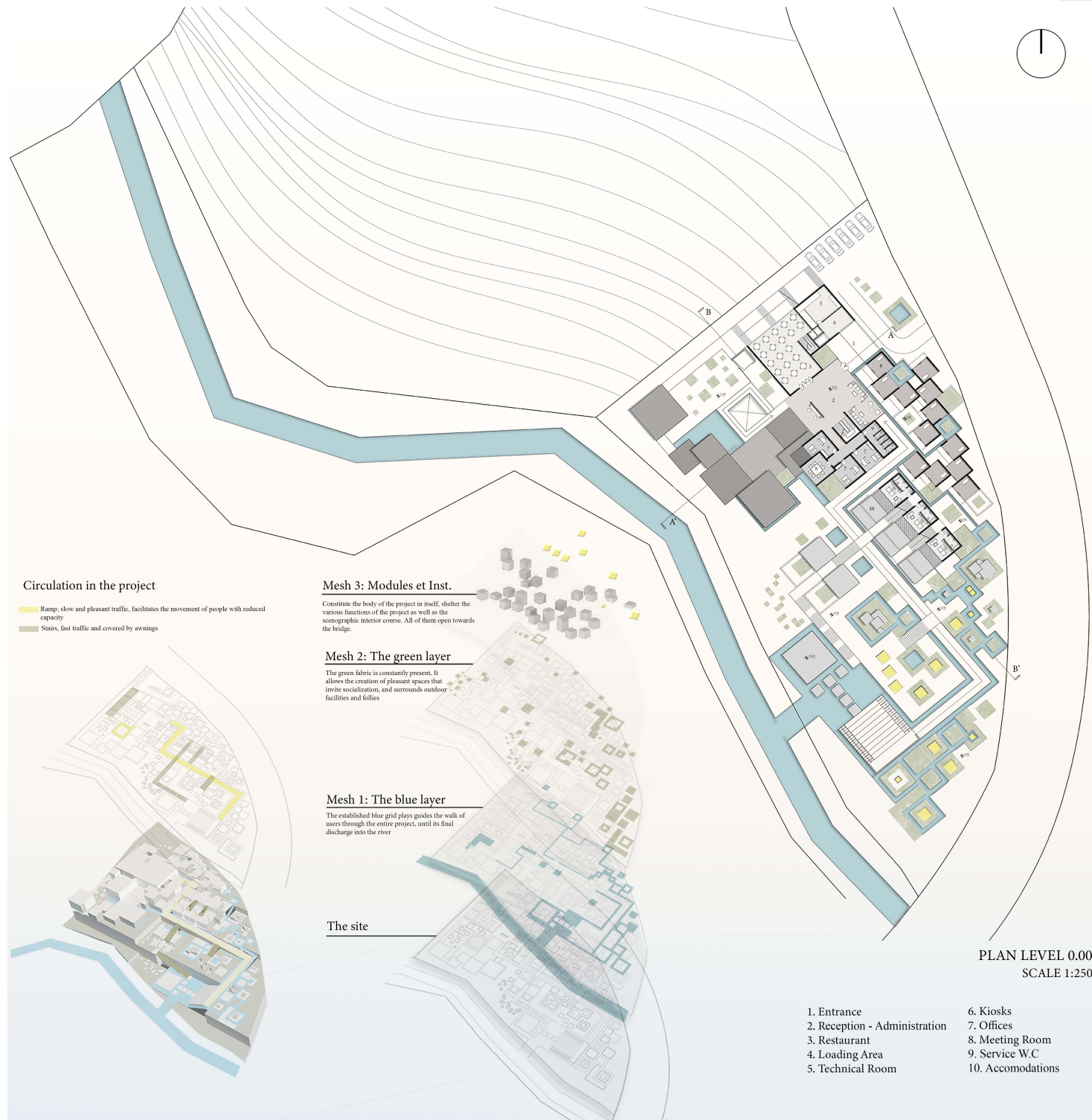
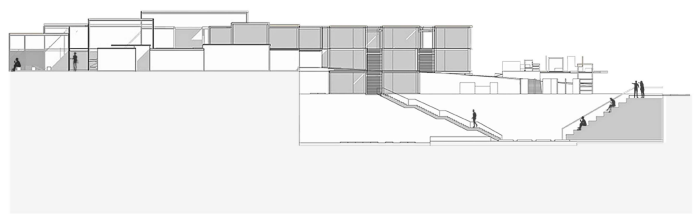
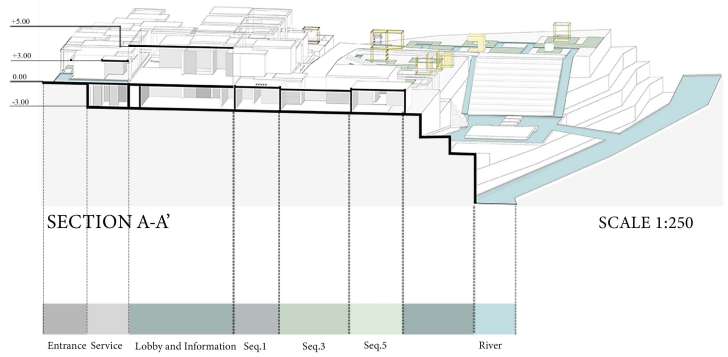
Dominant green spaces, which form meeting and socializing places, gardens and small terraces with pergola.
These spaces also follow the same grid system, in line with the layout of the modules and installations on the site.

Outdoor Installations

A set of follies and exterior installations of a different character from the project itself are based on the different levels of the project.
These follies constitute rest areas, benches, platforms to climb and temporary exhibition partitions.

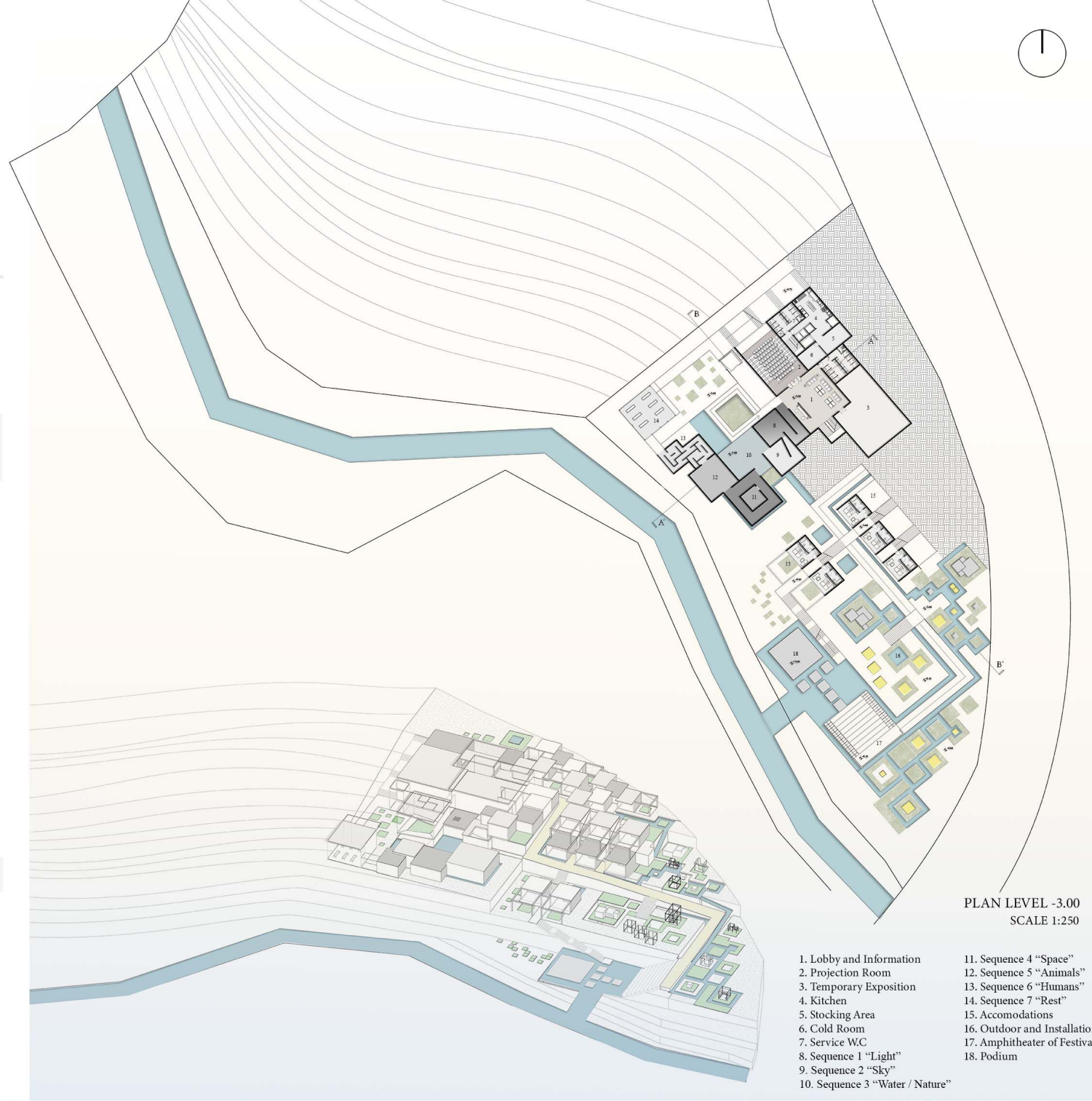
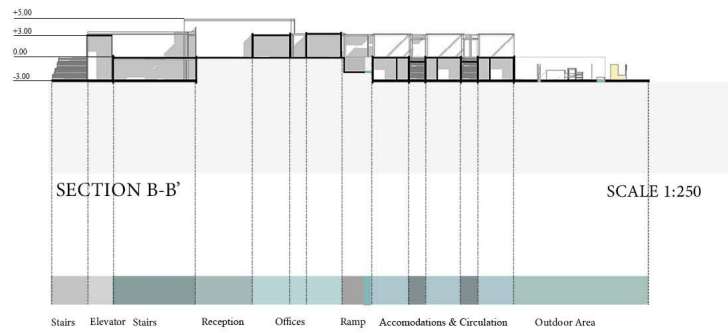
Recyclable materials in-use:
-For the site: foam and paper
-For the modules: staples

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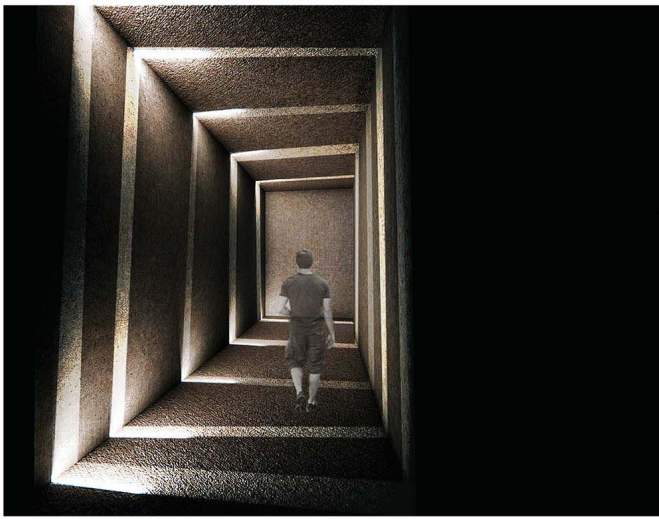
- | | |
|-------------------------------|-------------------|
| 1. Entrance | 6. Kiosks |
| 2. Reception - Administration | 7. Offices |
| 3. Restaurant | 8. Meeting Room |
| 4. Loading Area | 9. Service W.C |
| 5. Technical Room | 10. Accomodations |

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- 1. Lobby and Information
- 2. Projection Room
- 3. Temporary Exposition
- 4. Kitchen
- 5. Stocking Area
- 6. Cold Room
- 7. Service W.C
- 8. Sequence 1 "Light"
- 9. Sequence 2 "Sky"
- 10. Sequence 3 "Water / Nature"
- 11. Sequence 4 "Space"
- 12. Sequence 5 "Animals"
- 13. Sequence 6 "Humans"
- 14. Sequence 7 "Rest"
- 15. Accomodations
- 16. Outdoor and Installations
- 17. Amphitheater of Festivals
- 18. Podium

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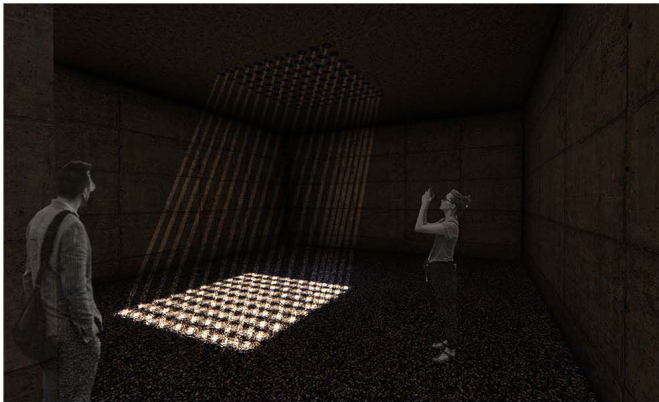
MOOD BOARD

DAY 1 - SEQUENCE 1

Corridor leading to the course
Passage from darkness and oblivion to light and the beginning (contrast)



Materials

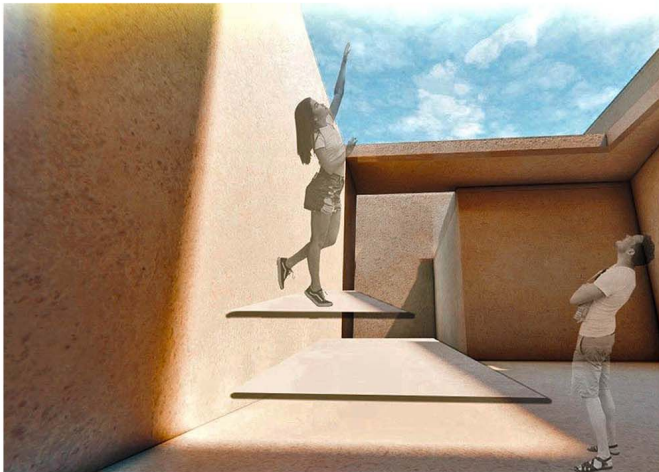
 Dark gray concrete - rough texture
symbolizes earth and matter in their primitive state



Closed module - Ceiling openings
Play of light and aesthetics
Sensitivity and divinity

Materials

 Light gray concrete
 Gravel on the ground
feeling of emptiness, silence



Zenithal opening module
Light slabs (feeling of reaching for the sky)
Dominant light
Sky framing (work of art)

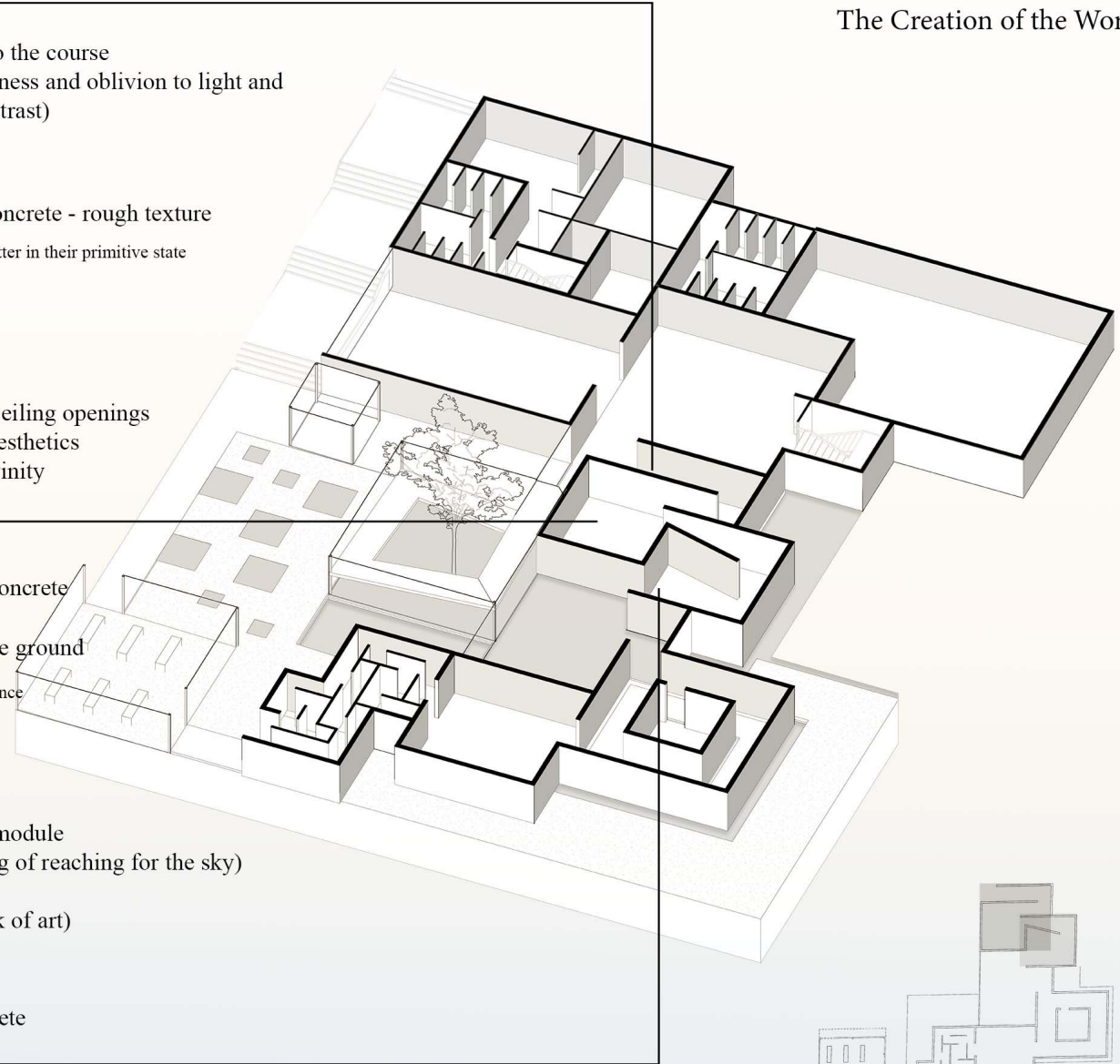
Materials

 White concrete

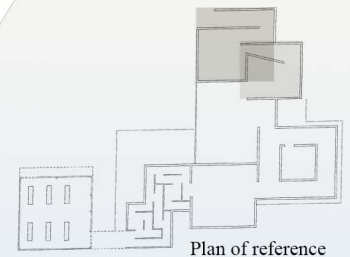
DAY 2 - SEQUENCE 2

Creation of the Light

THEME OF THE JOURNEY The Creation of the World



Creation of the Sky

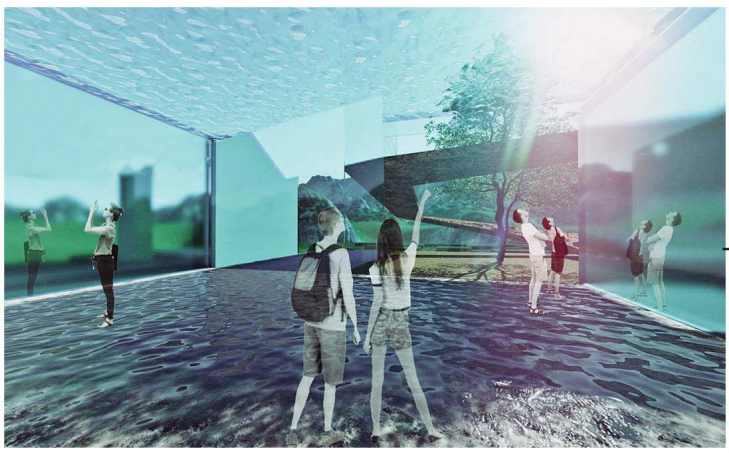


Plan of reference

CENTER OF REVALUATION OF THE NATURAL BRIDGE OF KFARDEBIAN



MOOD BOARD





DAY 3 - SEQUENCE 3

Creation of the Water and Flora

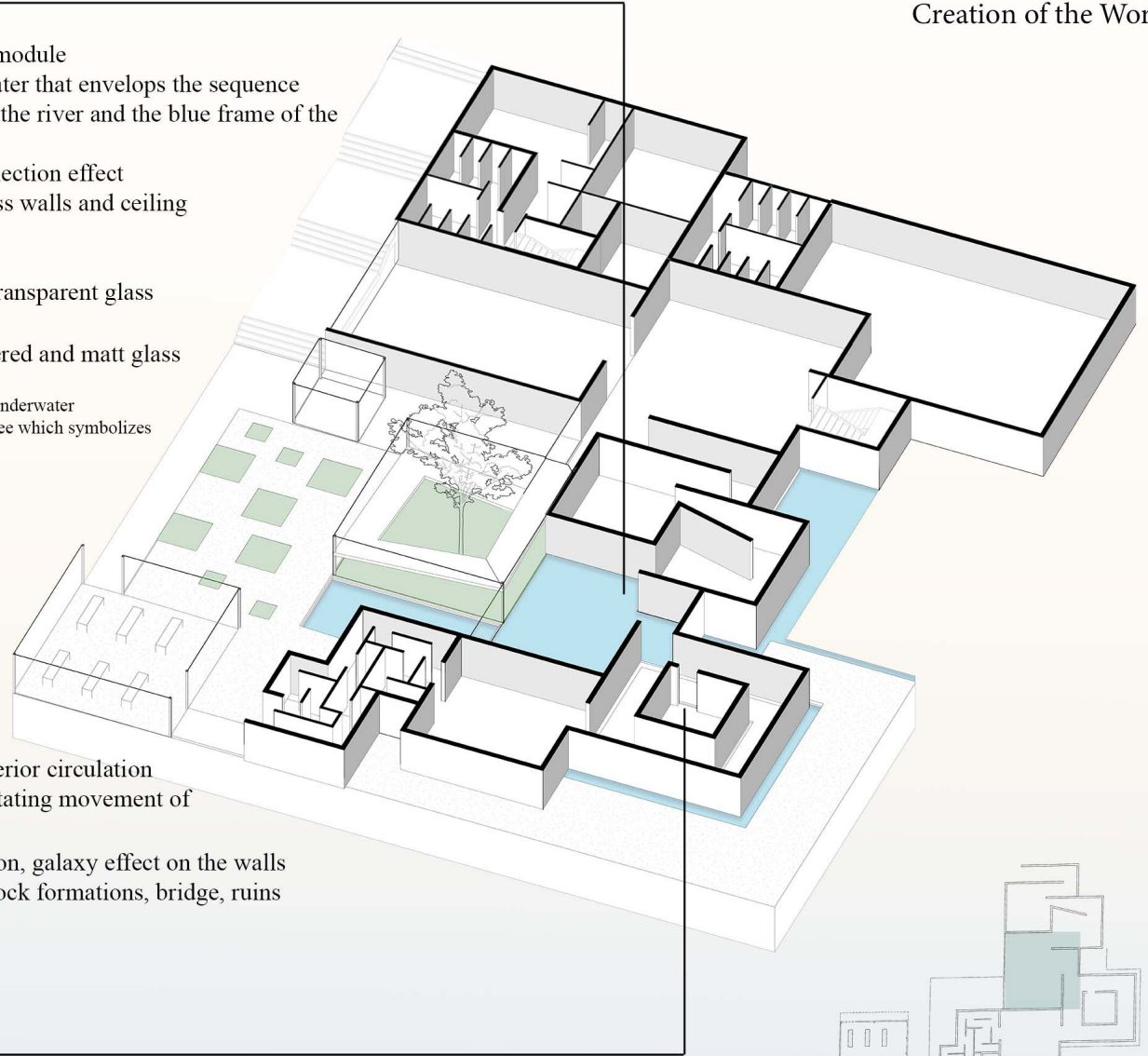
THEME OF THE JOURNEY
Creation of the World

Transparent module
Dominant water that envelops the sequence
(reference to the river and the blue frame of the site)
Apparent reflection effect
Mirrored glass walls and ceiling
Materials

-  Clear transparent glass
-  Lacquered and matt glass

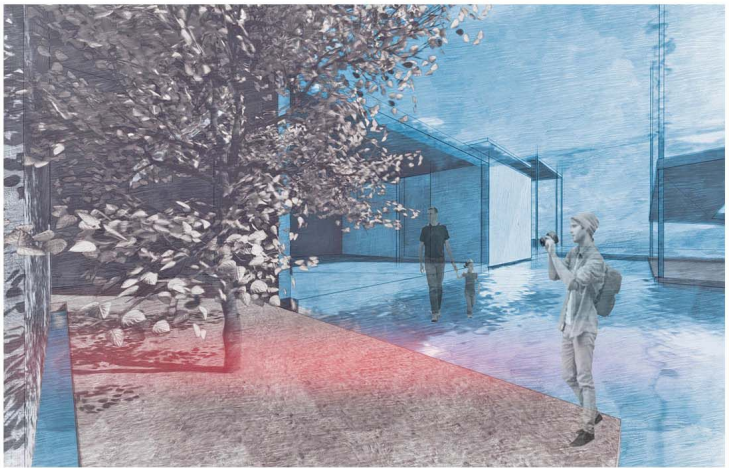
feeling of being underwater
presence of the tree which symbolizes the flora

- Elements
-  Water
 -  Flora



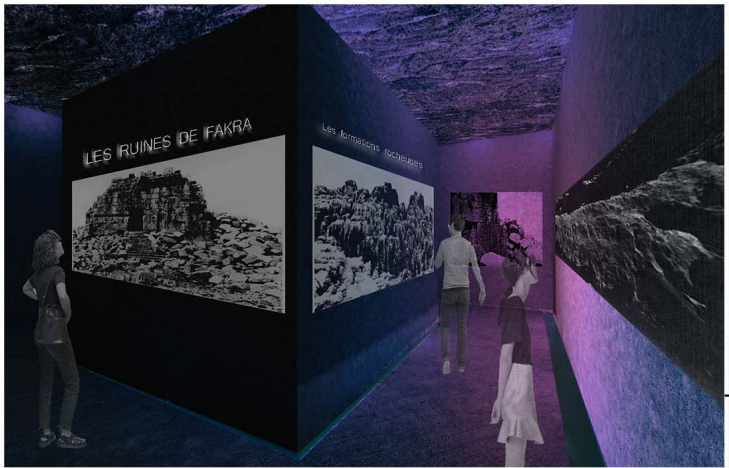
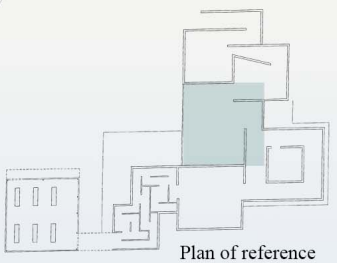
Peripheral interior circulation
(ref. To the rotating movement of the planets)
Light projection, galaxy effect on the walls
Exposure of rock formations, bridge, ruins

- Materials
-  Rocks



DAY 4 - SEQUENCE 4

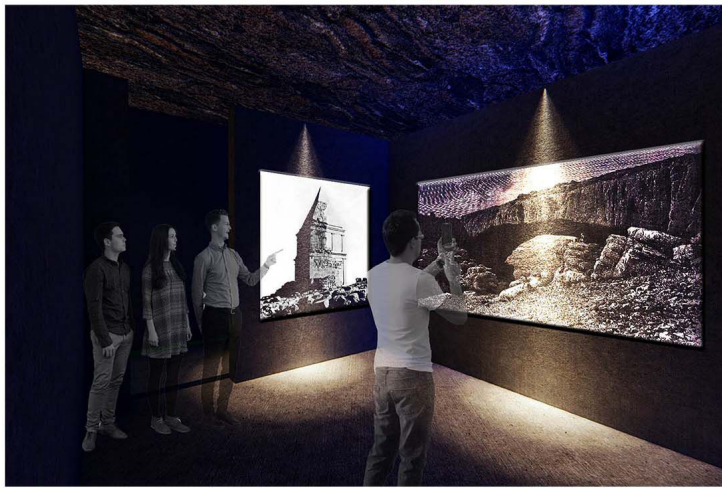
Creation of Space and Substance



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MOOD BOARD



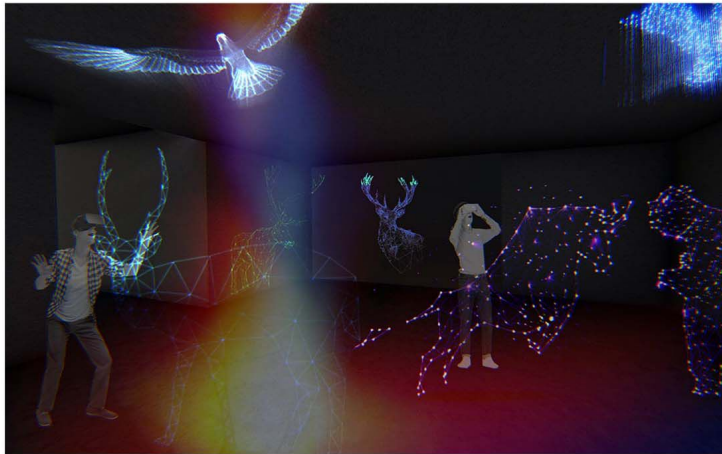
DAY 4 - SEQUENCE 4

Creation of the Space and Substance

THEME OF THE JOURNEY

Creation of the World

Inside view
Exhibition on the bridge and tower of
Faqra
White and blue light installations



DAY 5 - SEQUENCE 5

Creation of the Animals

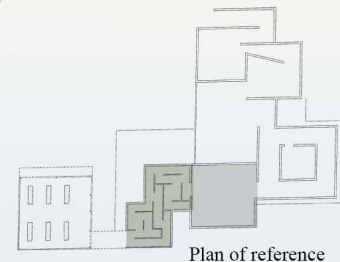
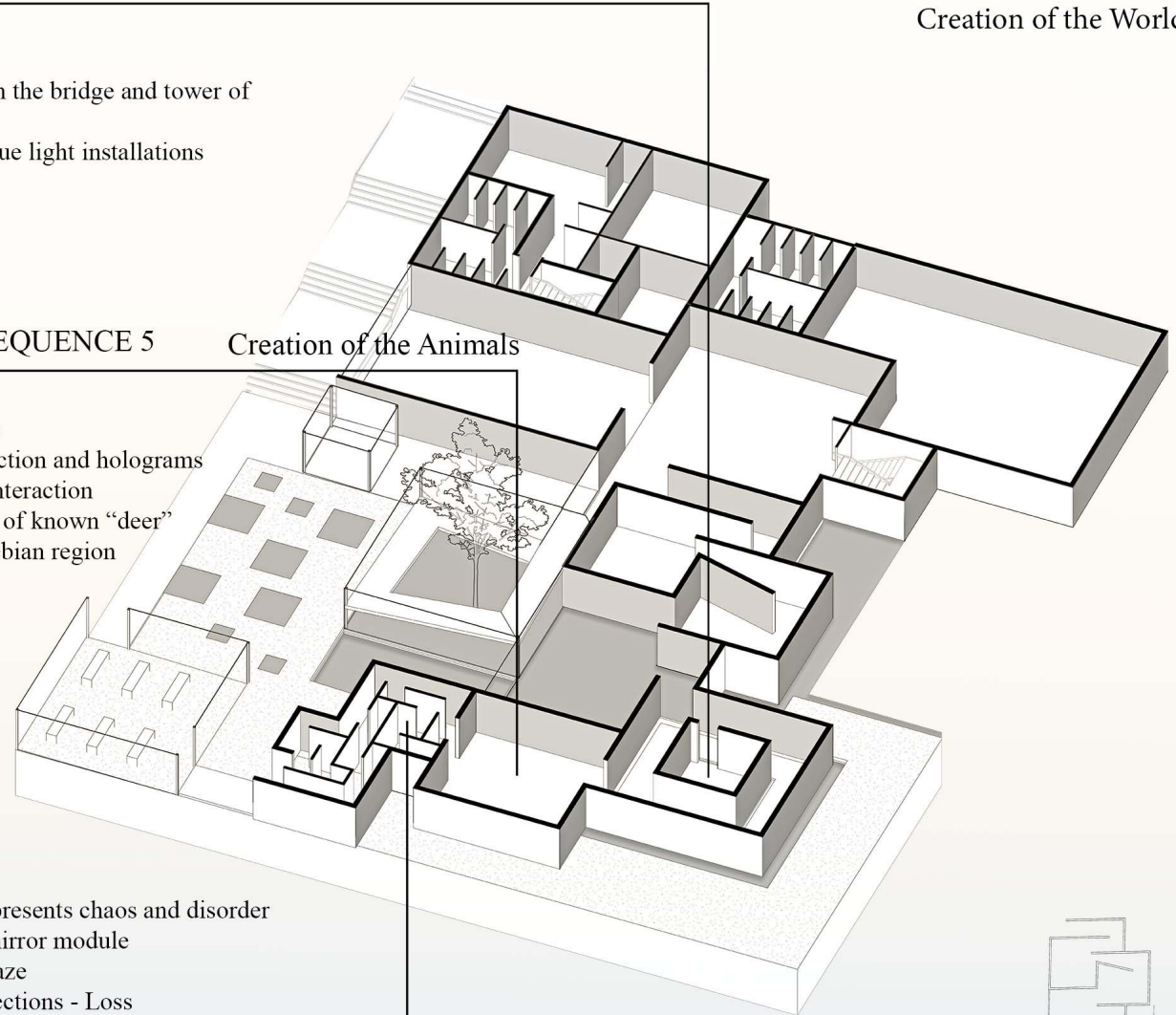
Dark module
Virtual projection and holograms
3D and 4D interaction
Highlighting of known "deer"
in the Kfardebian region



Man who represents chaos and disorder
Interactive mirror module
Mirroring maze
Infinite Reflections - Loss

Creation of Humans

DAY 6 - SEQUENCE 6



Plan of reference

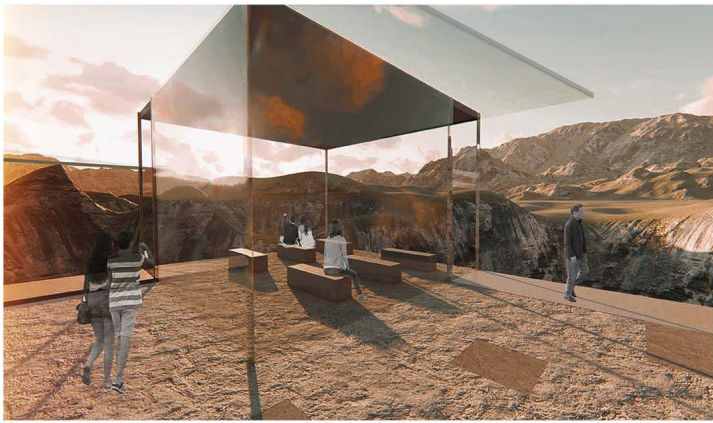
CENTER OF REVALUATION OF THE NATURAL BRIDGE OF KFARDEBIAN



MOOD BOARD

DAY 7 - SEQUENCE 7

THEME OF THE JOURNEY
Creation of the World



Rest

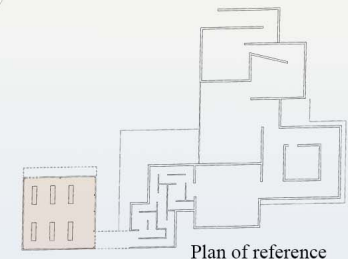
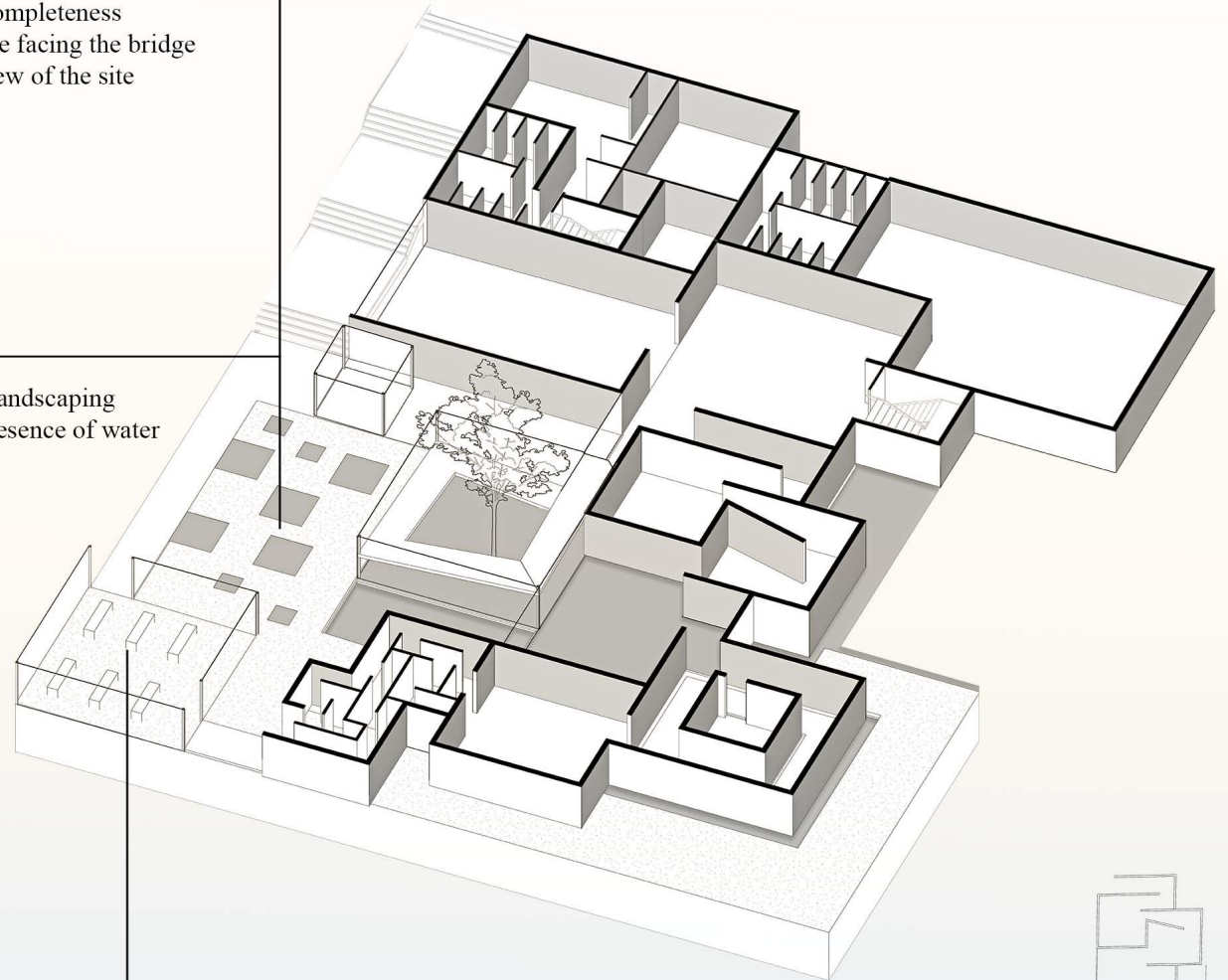
Symbolizes completeness
Glazed module facing the bridge
360 degree view of the site



Grid exterior landscaping
Continuous presence of water



Contemplation space
Simple concrete benches



Plan of reference

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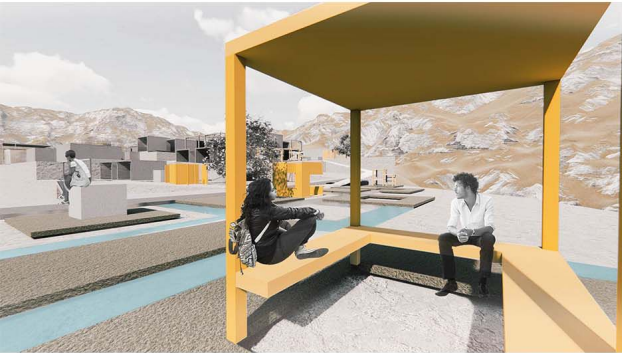


MOOD BOARD

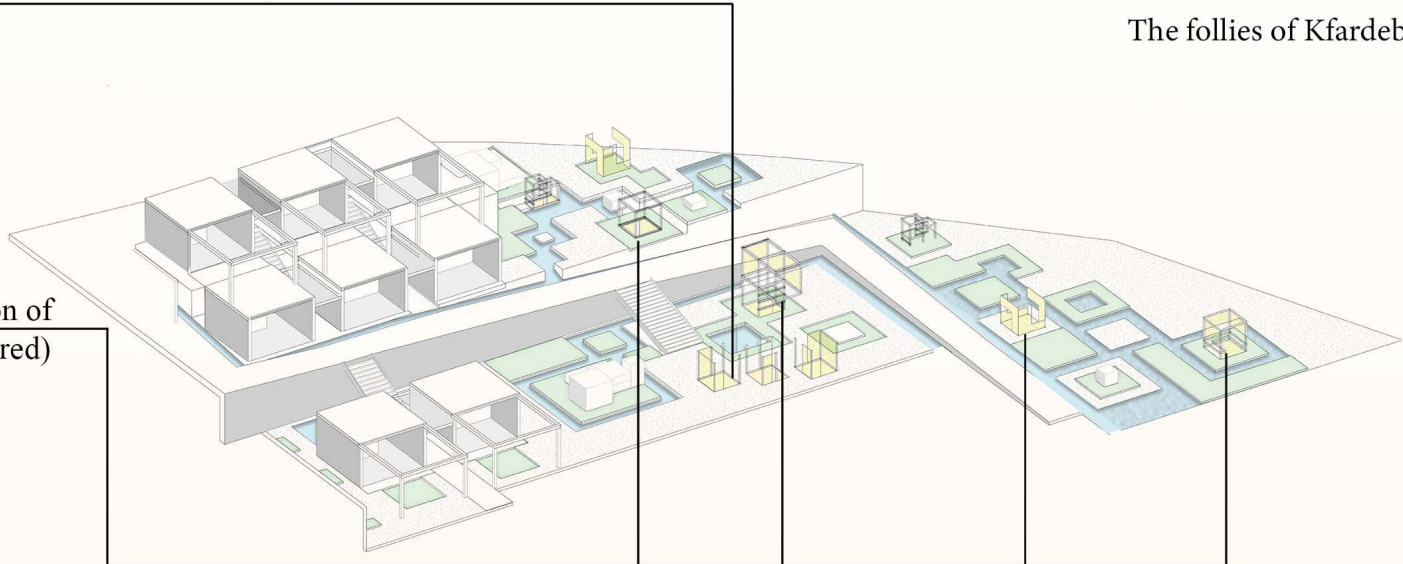


Outdoor installation for temporary exhibition

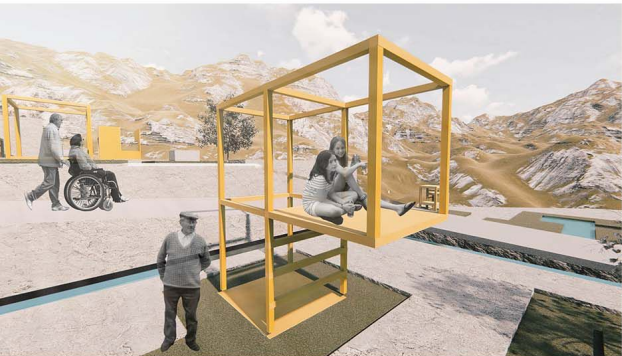
THE EXTERNAL COURSE
The follies of Kfardebian



Installation of rest (covered)

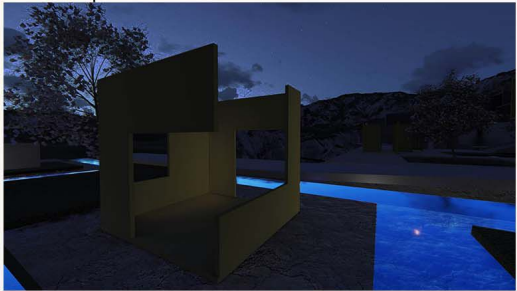


Ramp that runs along the entire route (movement of people with reduced capacities)



Climbing installation / panoramic view of the surroundings

Night view



Meet-up follies



Floating Installations
LED lights under-water

