

REGIONAL ANALYSIS

Topography map



Landuse map



- Salinas
- Coast
- Agriculture
- Uncultivated area
- Churches
- Water corridors
- Archeology
- Industrial
- Resort urbanization
- Port
- Resorts
- Old town
- Guesthouses
- Underground water corridors
- Piazza

Anfeh 1962



- Olive grooves
- Town
- Functional salinas
- Wind turbines
- Train track
- Roads
- Highway

Anfeh 2021



- Olive grooves
- Functional salinas
- Non-functional salinas
- Highway
- Train track

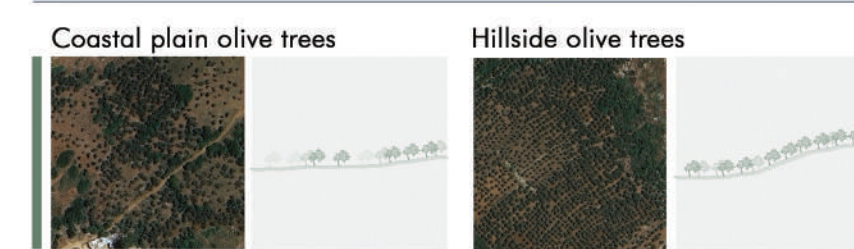
Ecological values



Agriculture



Agriculture

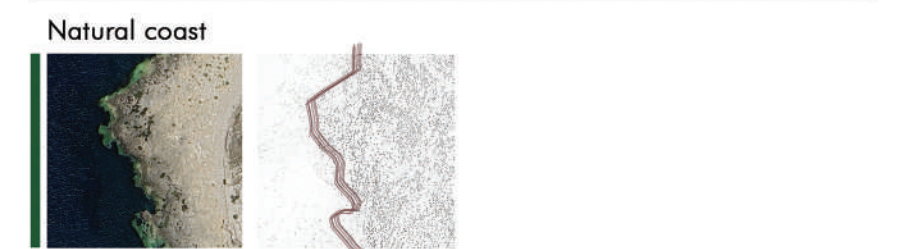


Urban settlements



- Natural Landscape
- Semi-Natural Landscape
- Cultural Landscape

COASTLINE



COASTLINE



COASTLINE



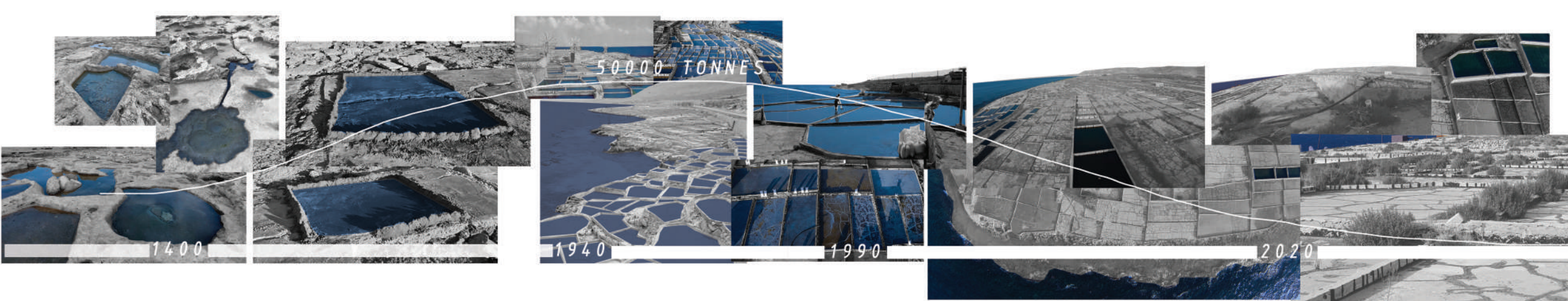
SALT PRODUCTION IN ANFEH

1400

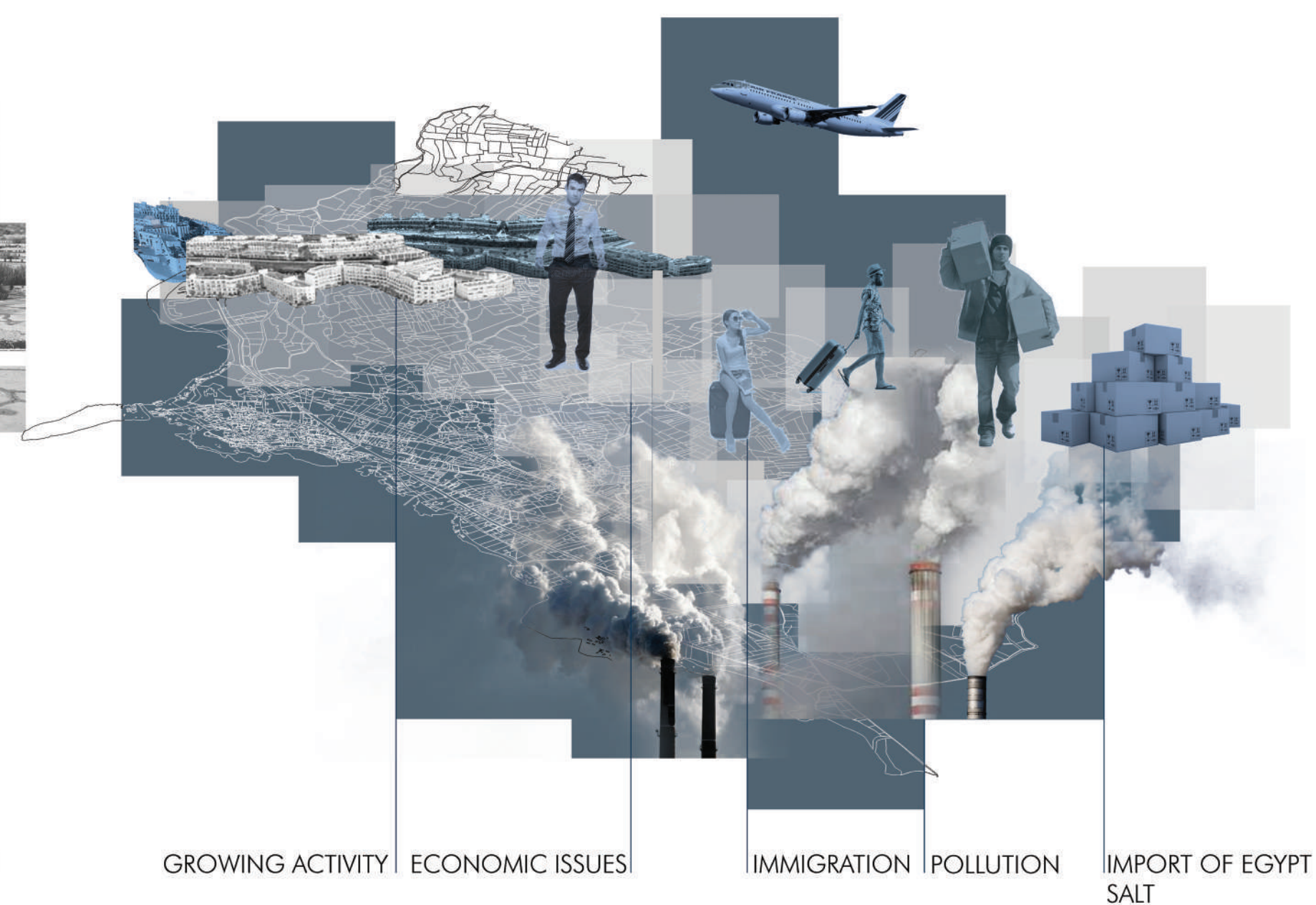
1940

1990

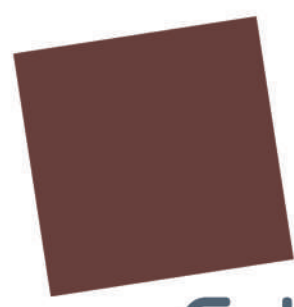
2021



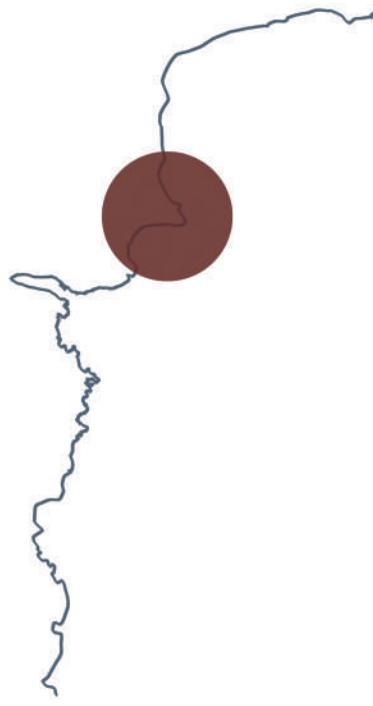
1400 1940 1990 2020







IMPACT OF NEW CONSTRUCTION



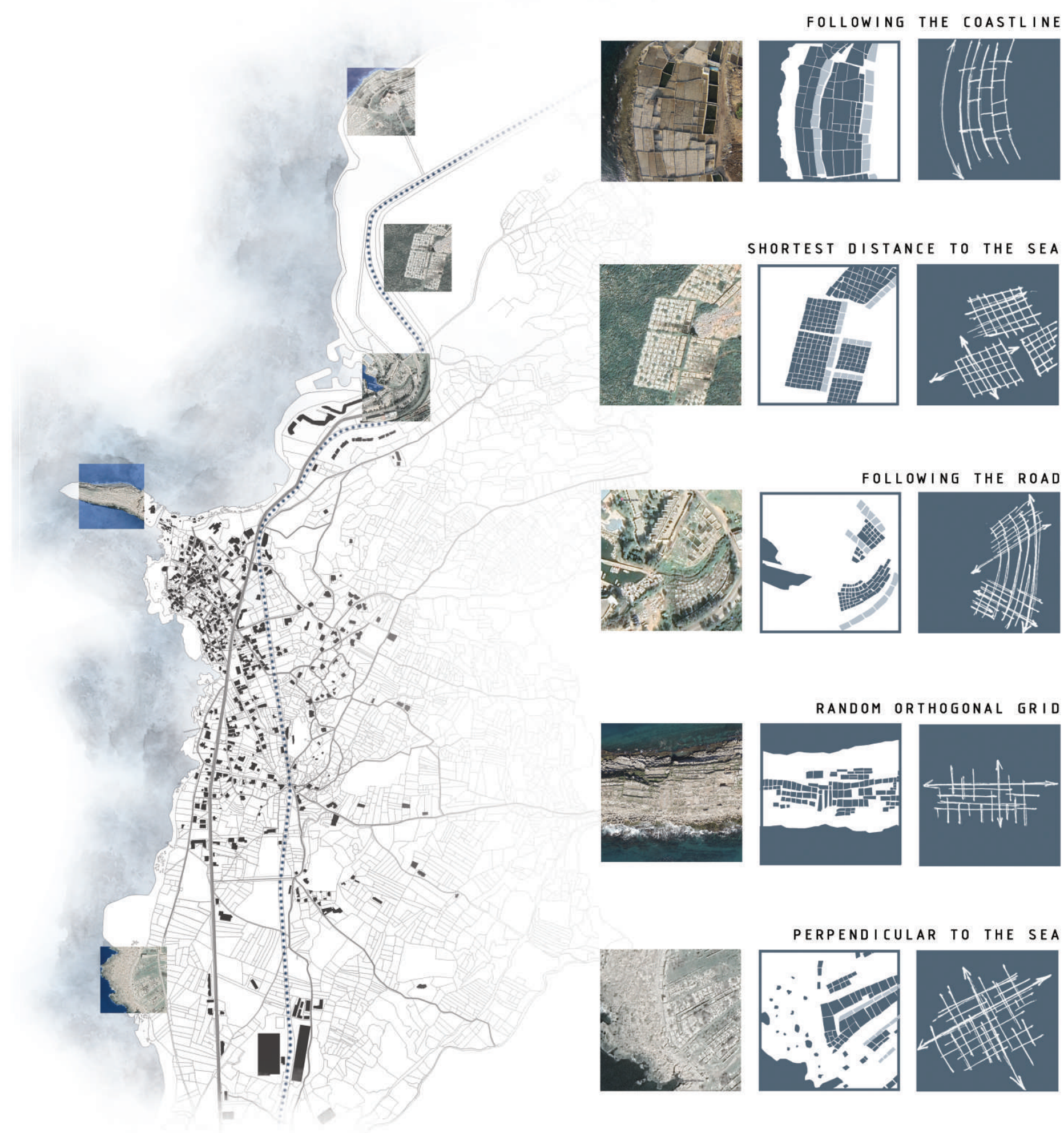
MARCH 2023



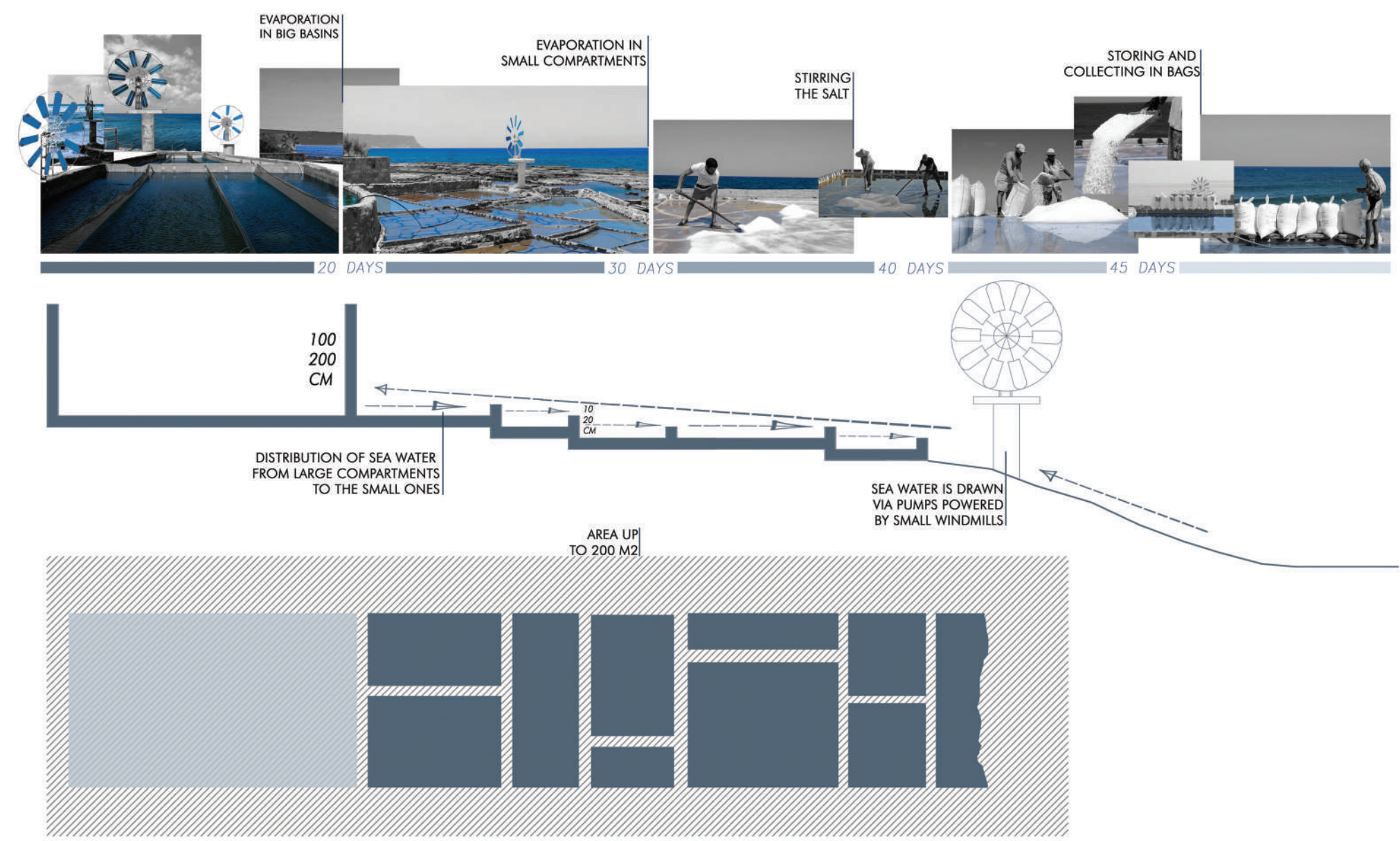
JULY 2023



PATTERN ANALYSIS



SALT PRODUCTION PROCEDURE

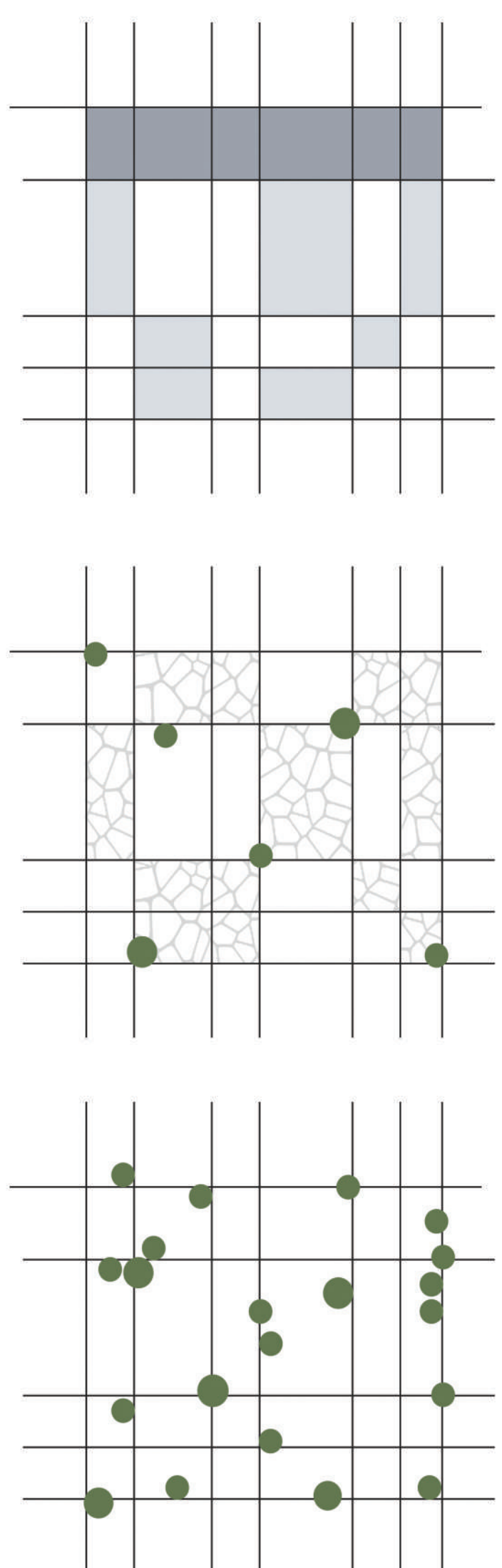


CHALLENGES

- NEGLECTED SALINAS
- ACCESSIBILITY ISSUE
- PRESERVATION OF LANDMARKS
- ABANDONED GREEN SPACES
- ON GOING EXPANSIONS OF RESORTS
- POLLUTION



BIODIVERSITY AND VEGETATION



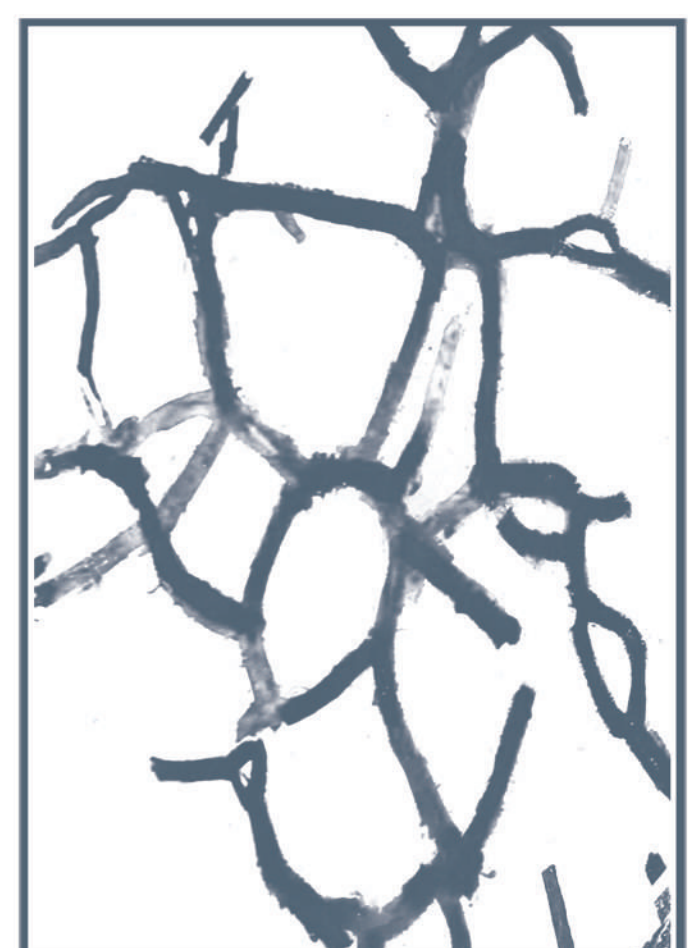
SUAEDA MARITIMA

FUNCTIONAL SALINA

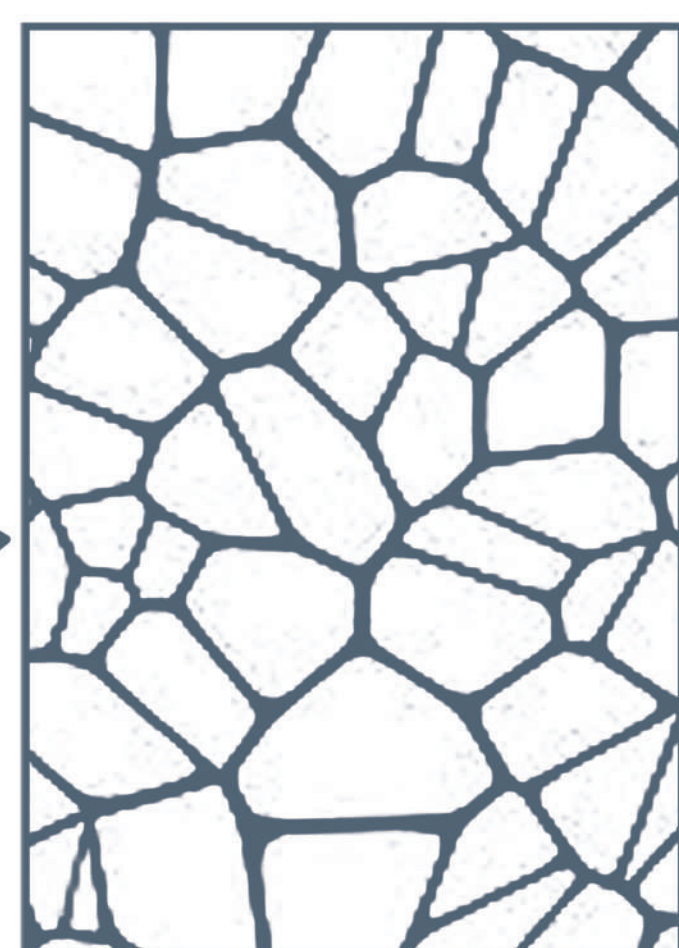
NON FUNCTIONAL SALINA

FRACTURE ANALYSIS

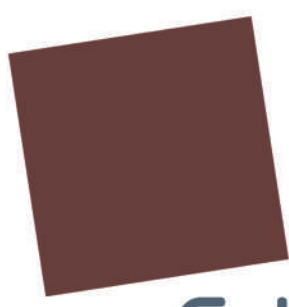
SALINAS CRACKS



VORONOI



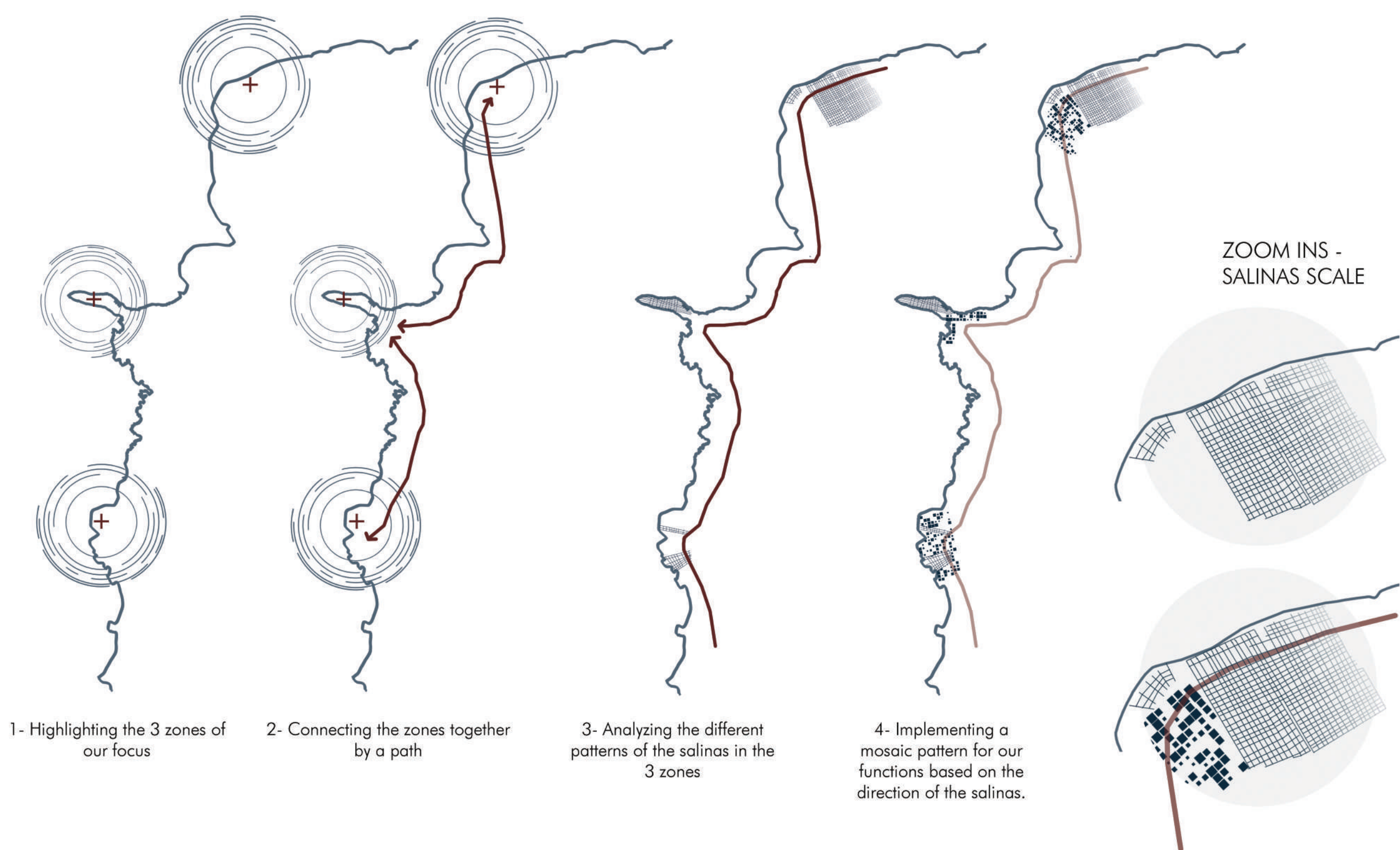




STRATEGY MAP



CONCEPT DIAGRAM



JOURNEY

REDISCOVERY AND NOSTALGIA

The storyline begins with the discovery of the forgotten salinas



Zone 1

BRINGING PAST AND PRESENT

We focus here on preserving and celebrating anfeh's cultural heritage



Zone 2

HEALING

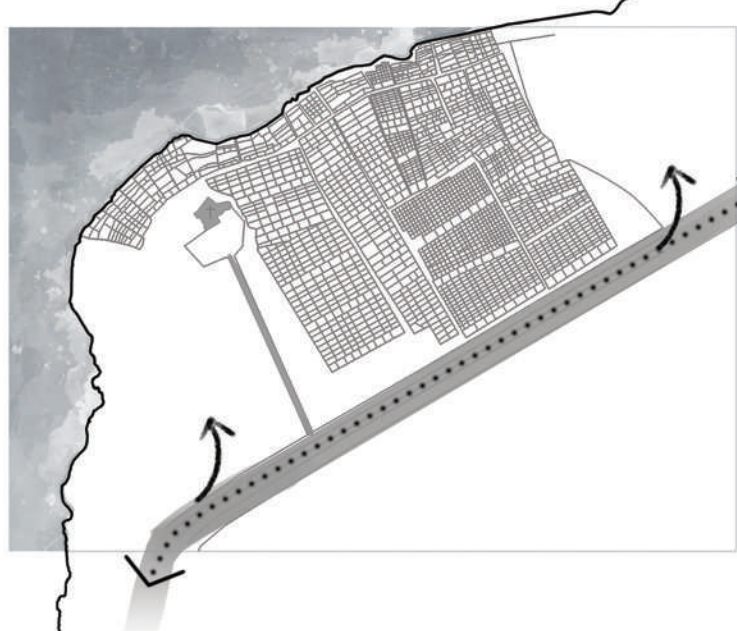
Undoing years of pollution, we end the journey by healing the area



Zone 3

ZOOMED STRATEGIES

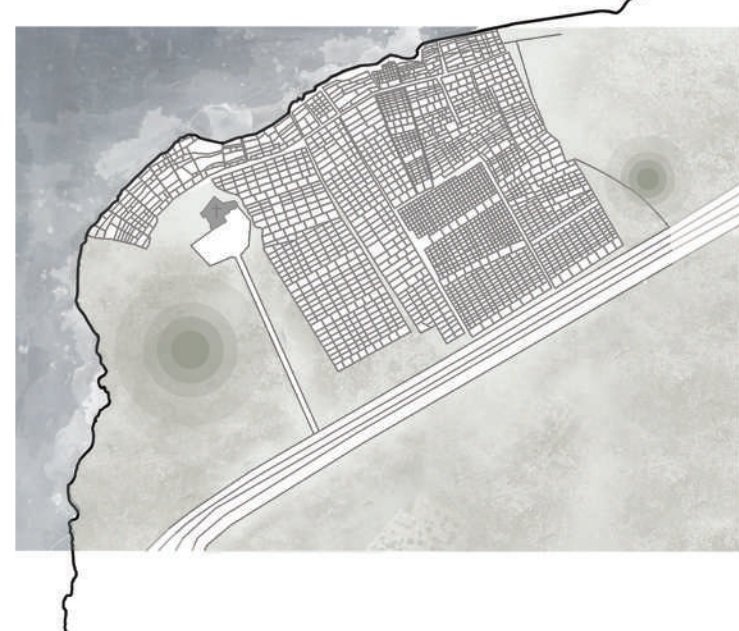
ZONE 1



**ACCESSIBILITY PROBLEMS**  
Weak road connectivity in this zone poses a challenge for enhancing accessibility and connecting with the center.



**RESTORE NEGLECTED AREA**  
Revitalize the abandoned area to attract visitors and make it a desirable destination

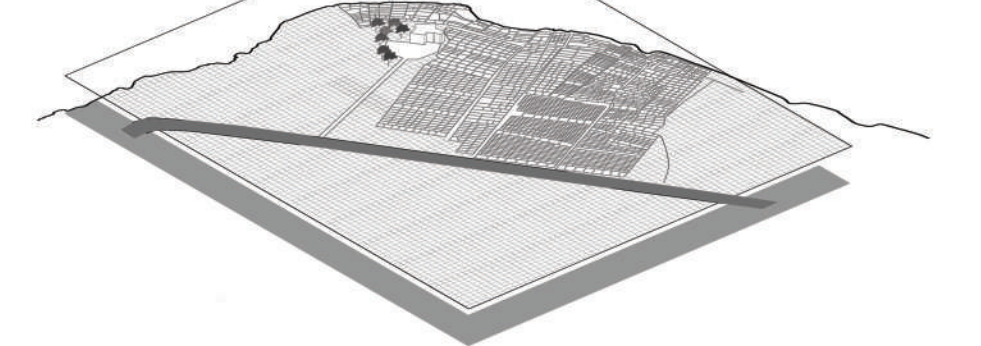


**RESTORE THE SALINAS**  
Creating a stronger connection with the surrounding

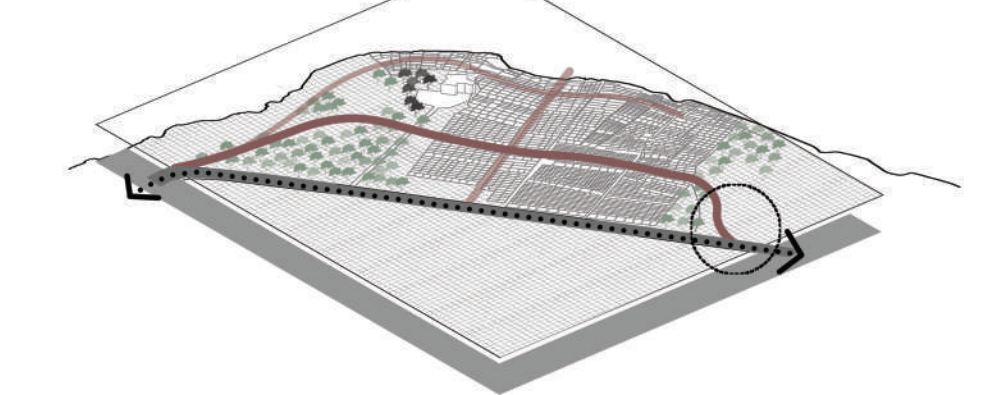


**CULTURAL PRESERVATION**  
Revitalize the salinas while preserving the cultural importance by balancing modern and history

BEFORE



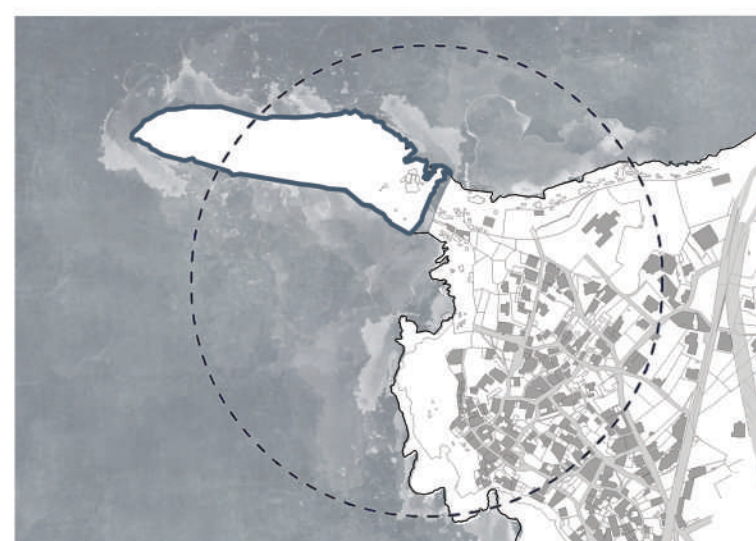
AFTER



ZONE 2



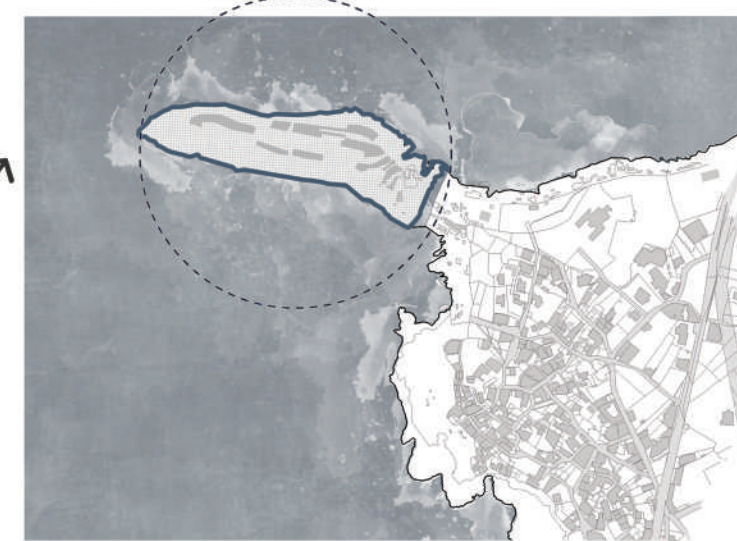
**INFRASTRUCTURE DEVELOPMENT**  
Improve accessibility and create a connection between the archeological site and the center with the surrounding



**CULTURAL PRESERVATION**  
Safeguarding local traditions and cultural heritage while promoting tourism



**TOURISM MANAGEMENT**  
Developing a sustainable tourism management plan to prevent overcrowding

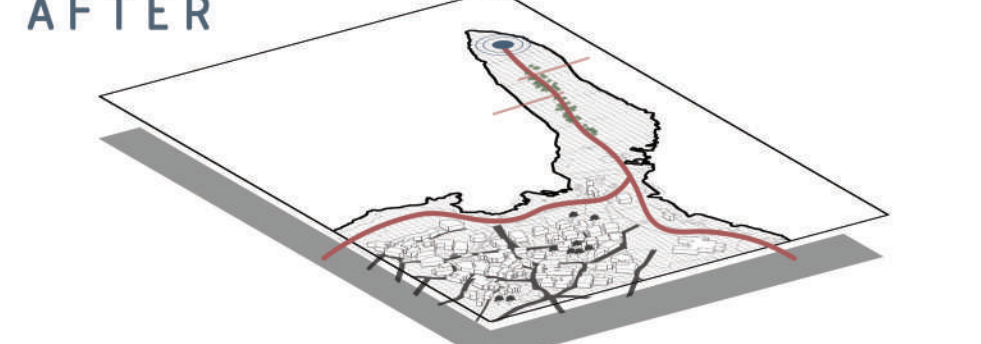


**ARCHEOLOGICAL CONSERVATION**  
Implementing conservation measures to protect the archeological artifacts and structures

BEFORE



AFTER



ZONE 3



**ABANDONED LAND RECLAMATION**  
Developing innovative strategies for repurposing abandoned lands, transforming them into functional spaces



**SALINAS RESTORATION**  
Restoring the abandoned salinas to their functional state, preserving their historical and cultural significance

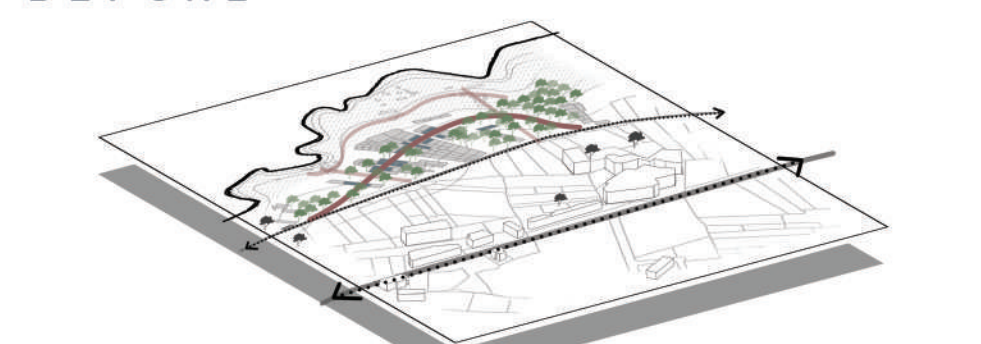


**CONNECTIVITY ENHANCEMENT**  
Being an industrial area, it lacks appeal to visitors, resulting in limited accessibility

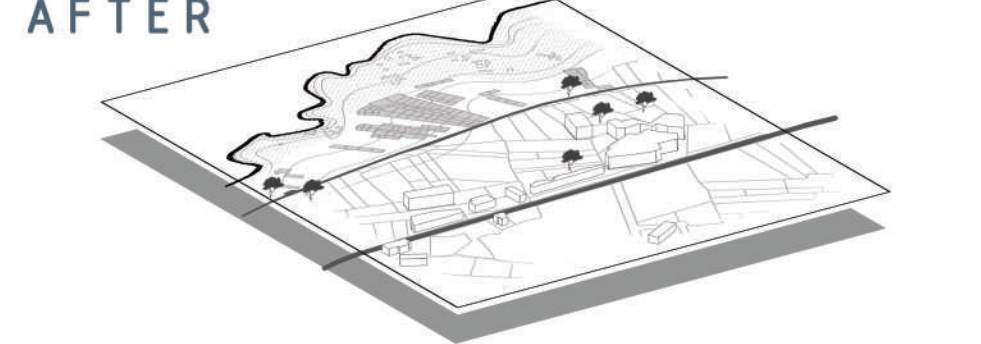


**POLLUTION MINIMIZATION**  
Implementing pollution control measures across the zone

BEFORE



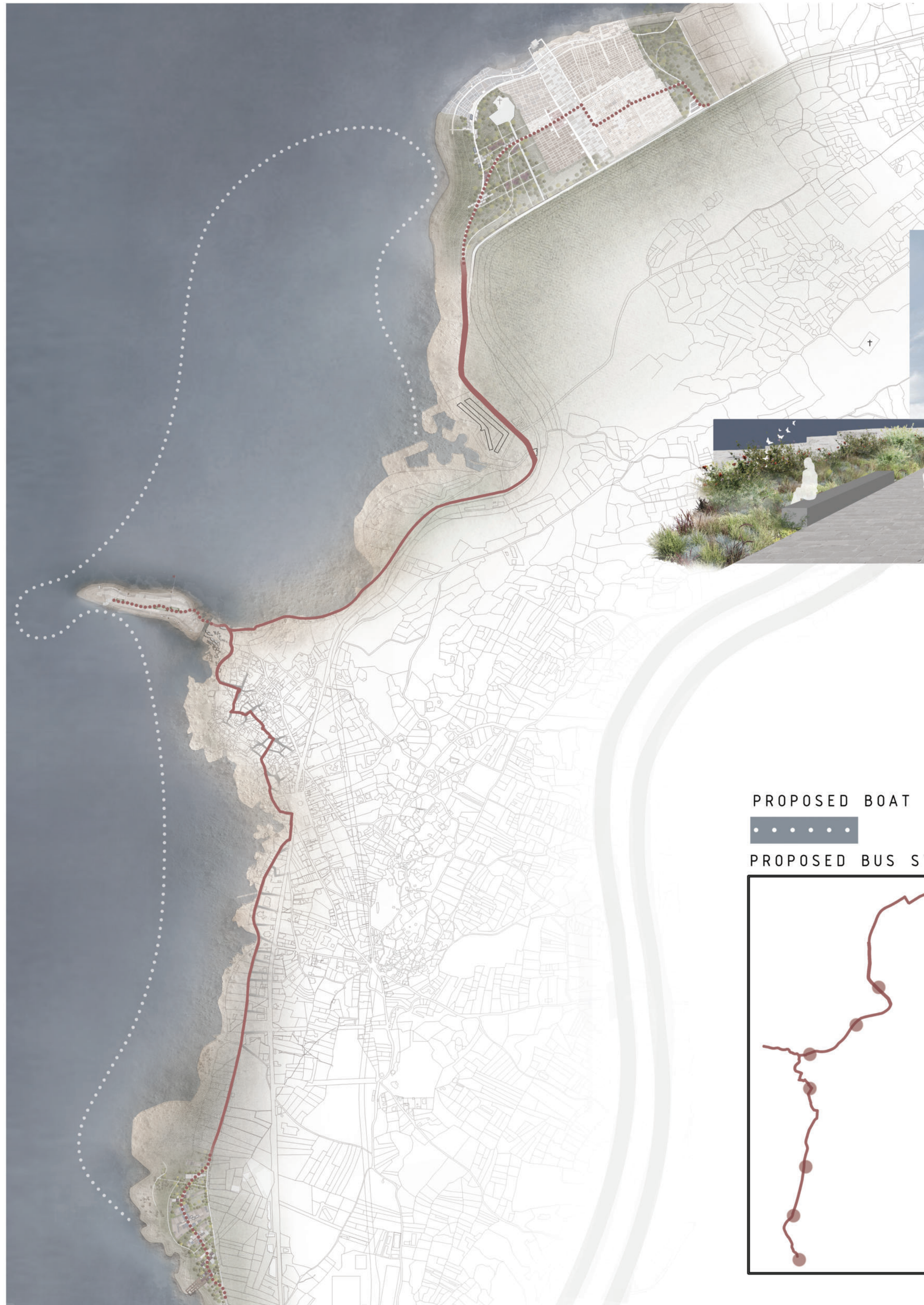
AFTER







MASTERPLAN

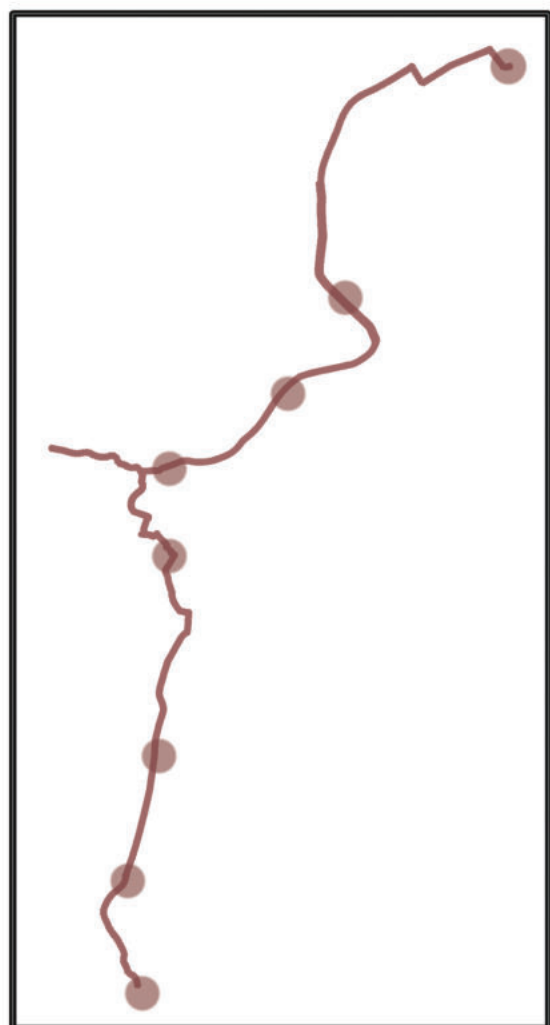


A PERSPECTIVE FOR OUR PATH



PROPOSED BOAT PATH

PROPOSED BUS STOPS



OUR VISION

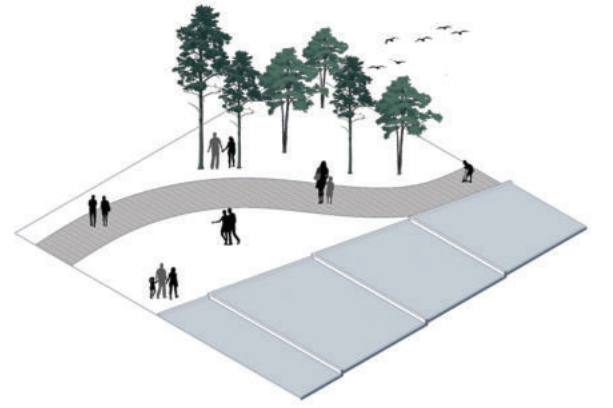
Our primary objective revolves around strategically targeting key areas in Anfeh profoundly influenced by the salinas. Central to our mission is the seamless integration of these zones, weaving them together through a unique, salt-based urban design concept.

This innovative approach involves not only incorporating the existing salinas into our design but also ensuring their preservation and enhancement. By harnessing the inherent potential of salt as a foundational element, we aspire to redefine Lebanon's architectural landscape, introducing a fresh perspective where salt becomes the cornerstone of sustainability.

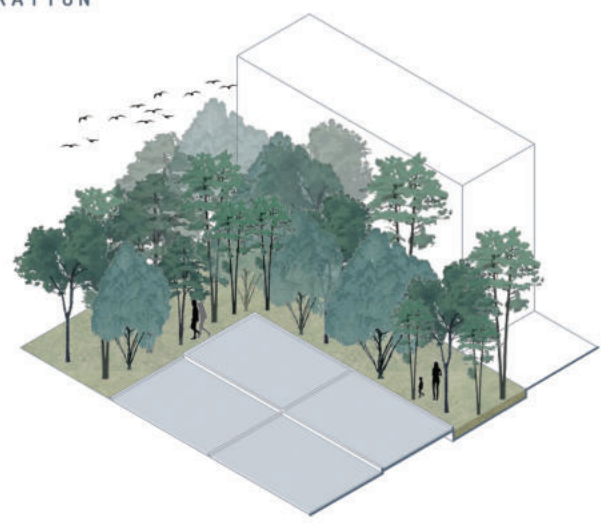
Our endeavor is not merely about urban development; it's a cultural renaissance, reshaping perceptions and demonstrating how embracing heritage, in this case, the salt pans, can lead the way to a more environmentally conscious and harmonious future.

NATURE-BASED SOLUTIONS

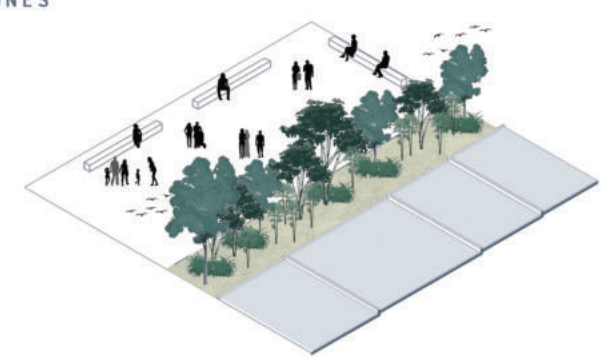
PERMEABLE PAVEMENTS



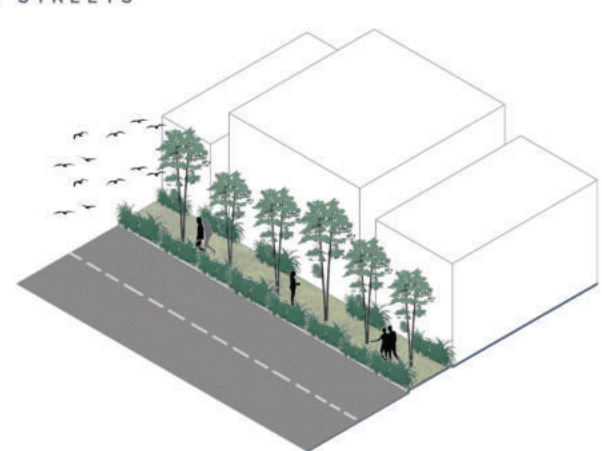
REFORESTRATION



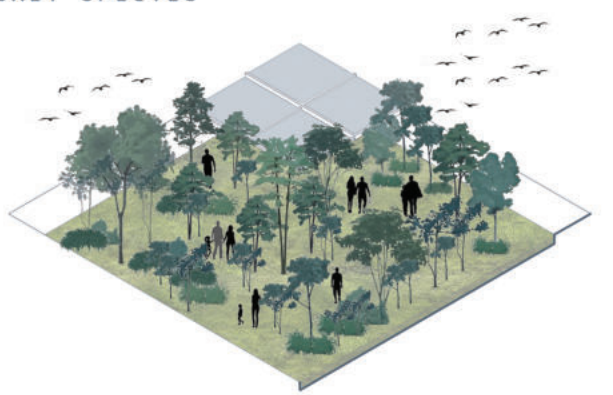
BUFFER ZONES



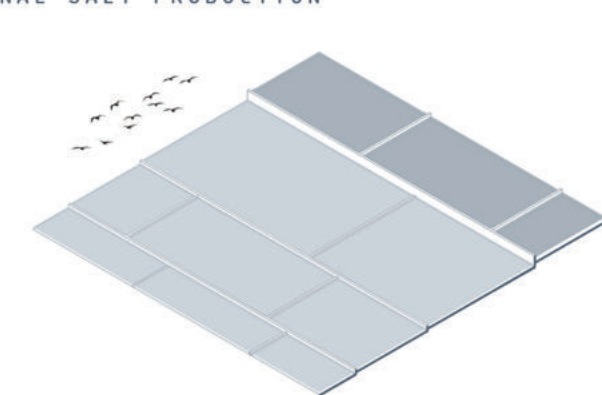
GREENING STREETS



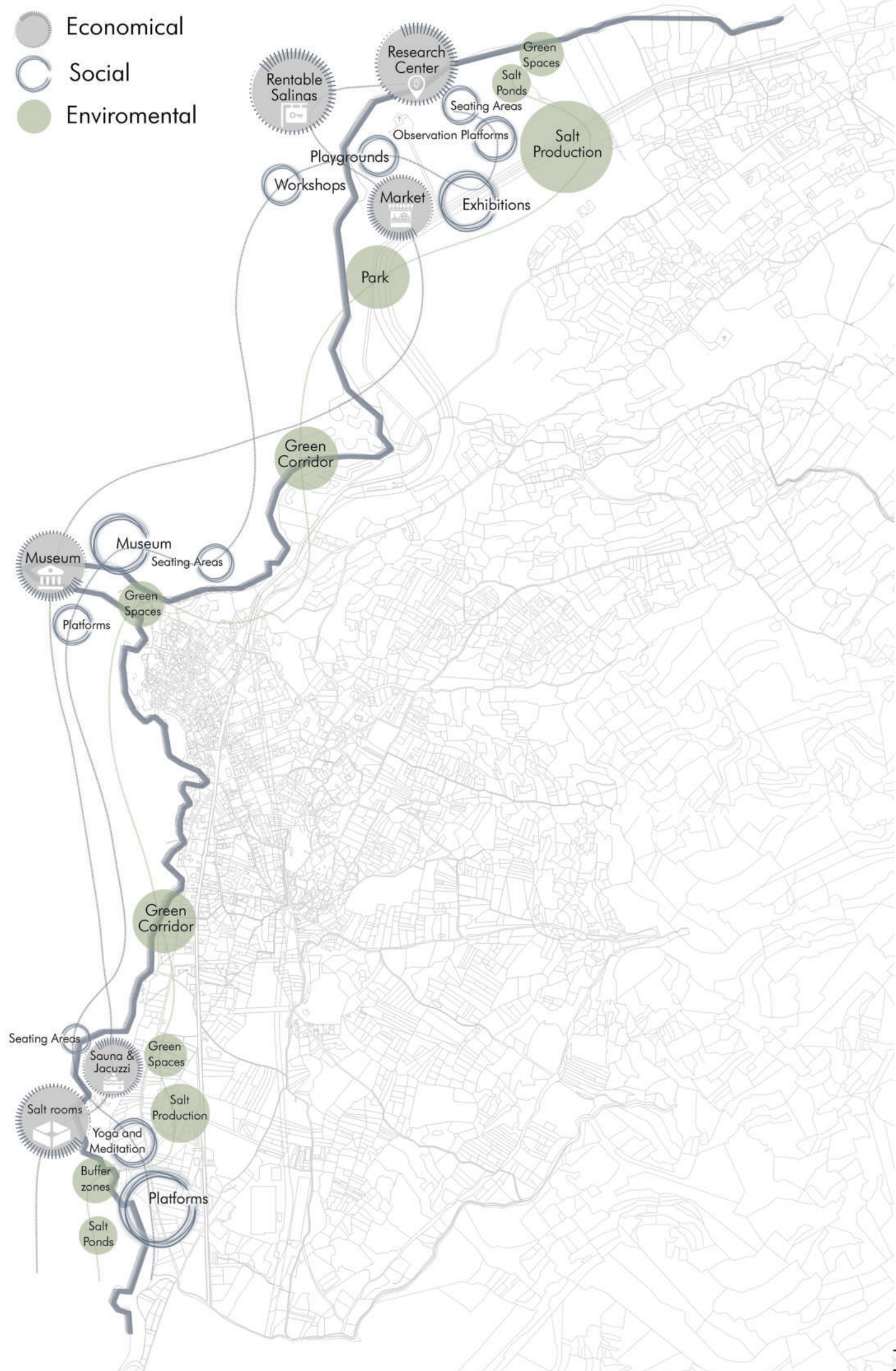
NATIVE SALT SPECIES



TRADITIONAL SALT PRODUCTION

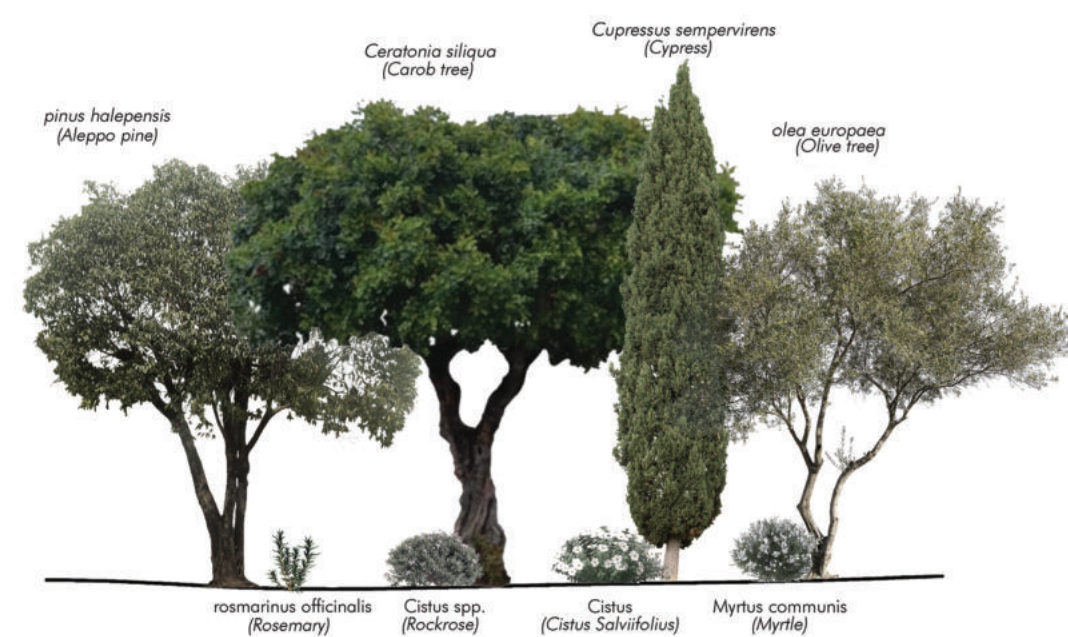


THE NETWORK

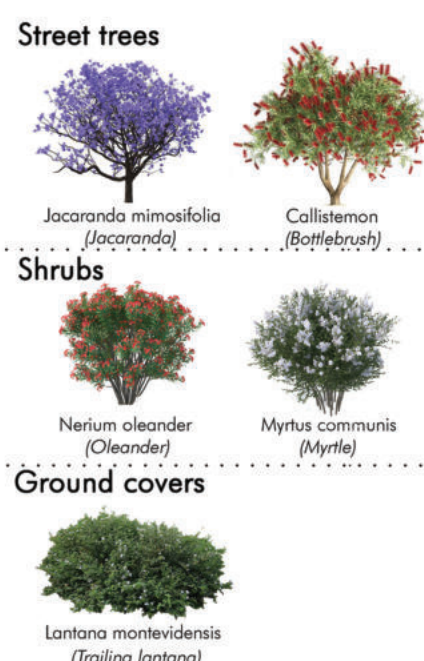


ECOLOGY

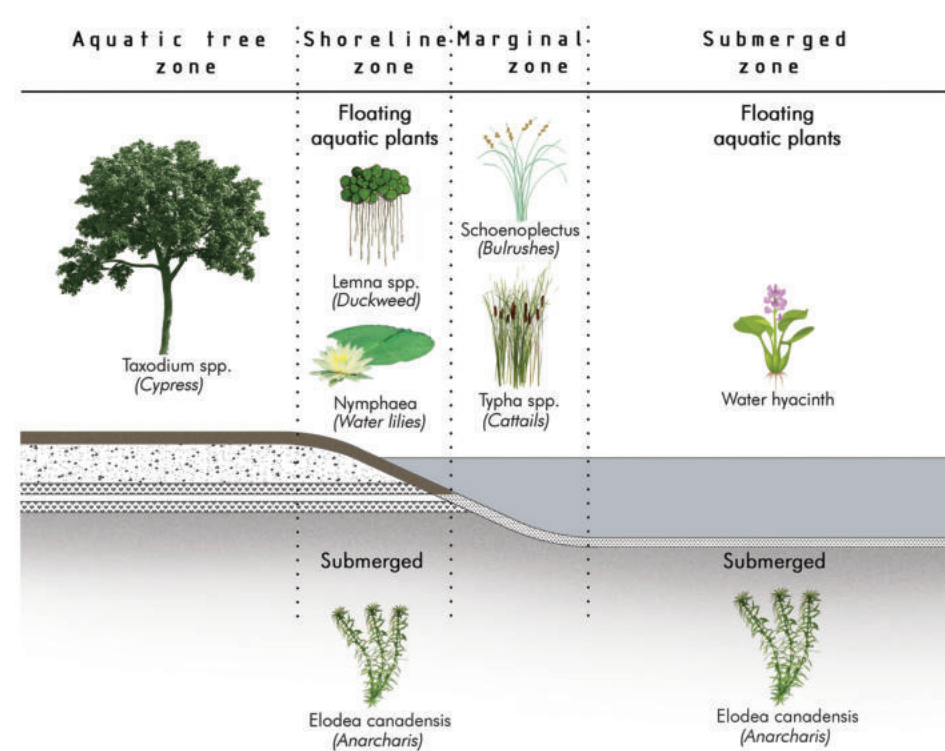
Reforestation



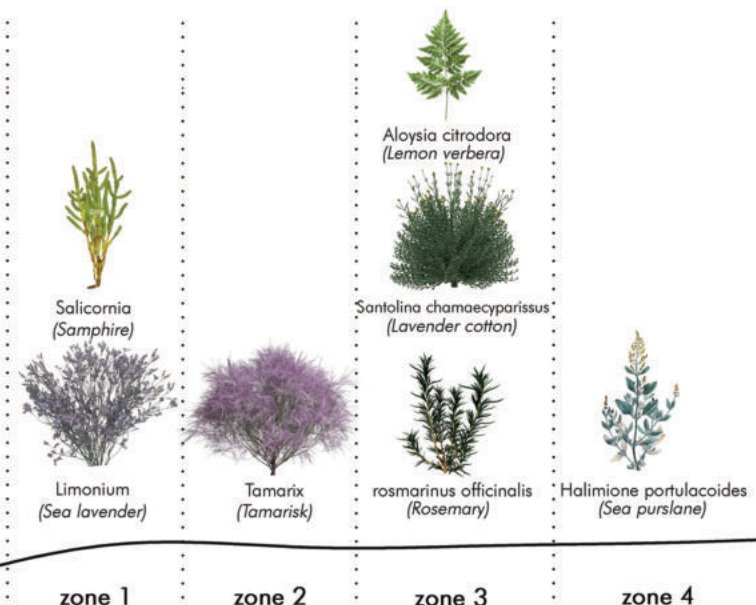
Greening of streets



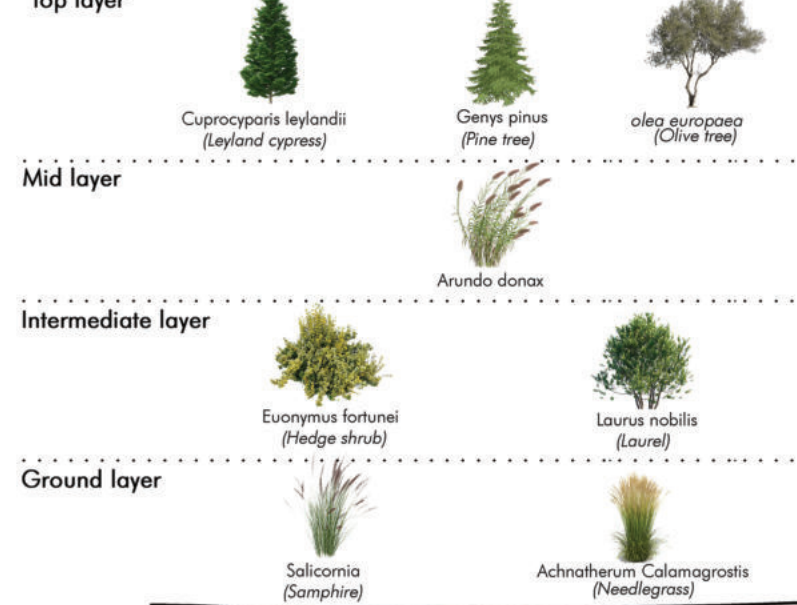
Water ponds



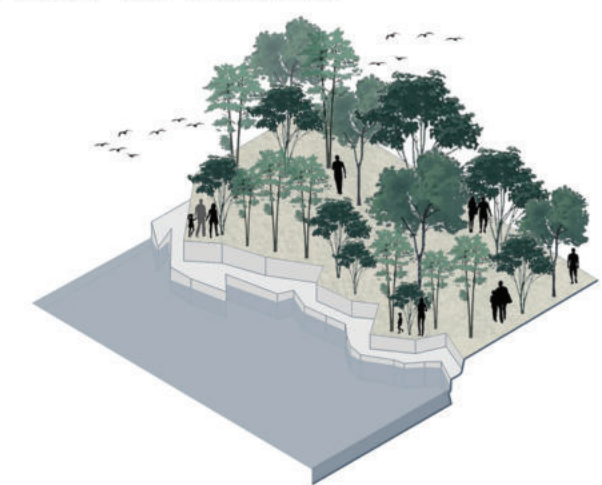
Coastal planting



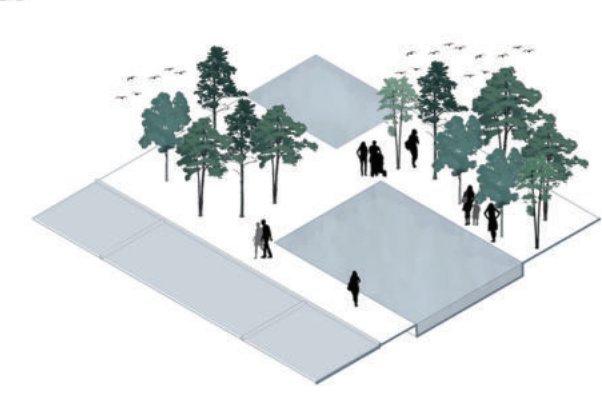
Buffer zones



PLANTING ALONG THE COASTLINE



SALT PONDS



WIND WATER PUMPS



CONSTRUCTION WITH SALT







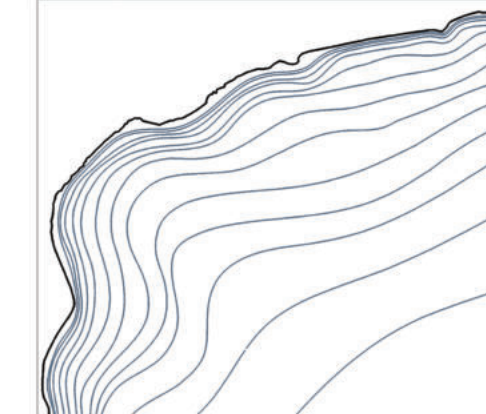
MASTERPLAN - ZONE 1

LEGEND

- 1- Entrance
- 2- Pedestrian/bike path
- 3- Lighting element
- 4- Abandoned salinas
- 5- Traditional salinas
- 6- Modern salinas
- 7- Research salinas
- 8- Research center
- 9- Artistic salinas
- 10- Workshop salinas
- 11- Private salinas
- 12- Rentable salinas
- 13- Old salinas
- 14- Market
- 15- Seating area
- 16- Salt water pond
- 17- Playground
- 18- Workshop
- 19- Exhibition
- 20- Observation Platform



Topography



Existing lines



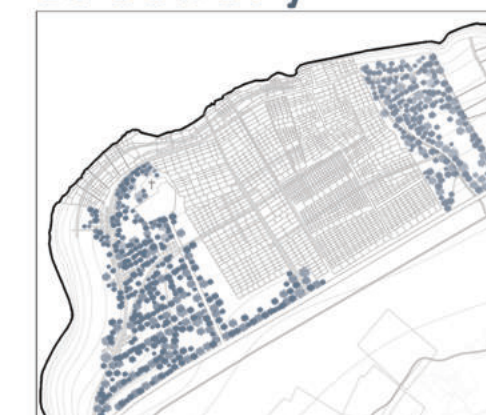
Proposed path



Pixels



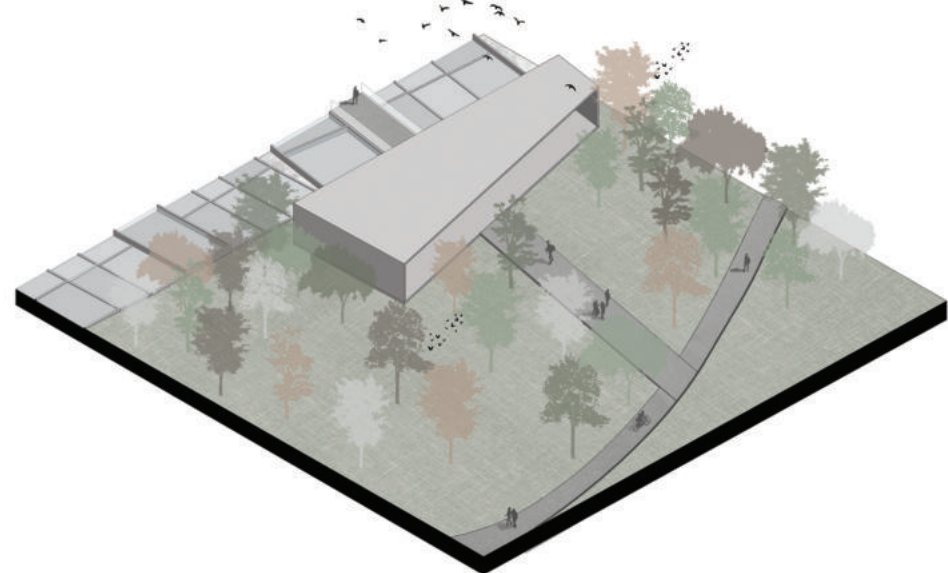
Greenery



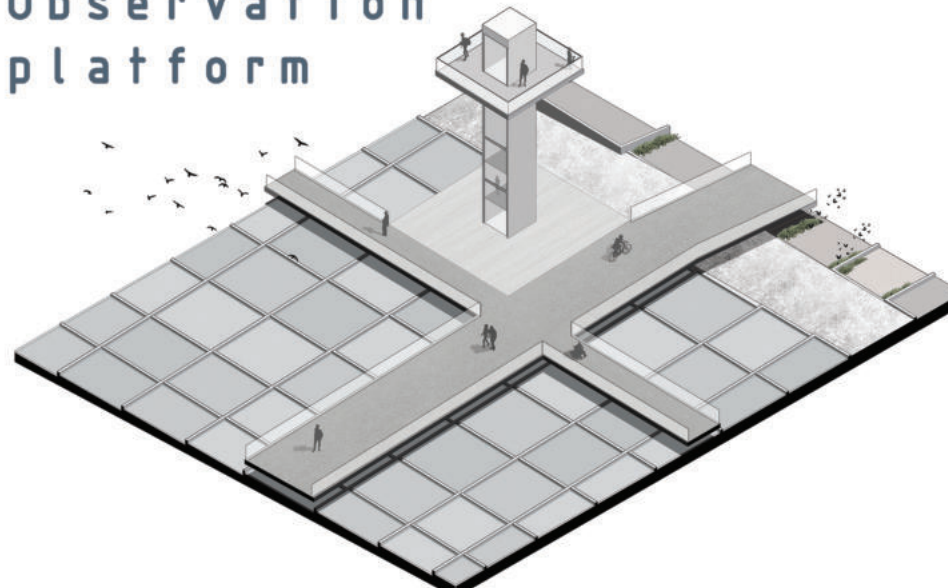
Interventions



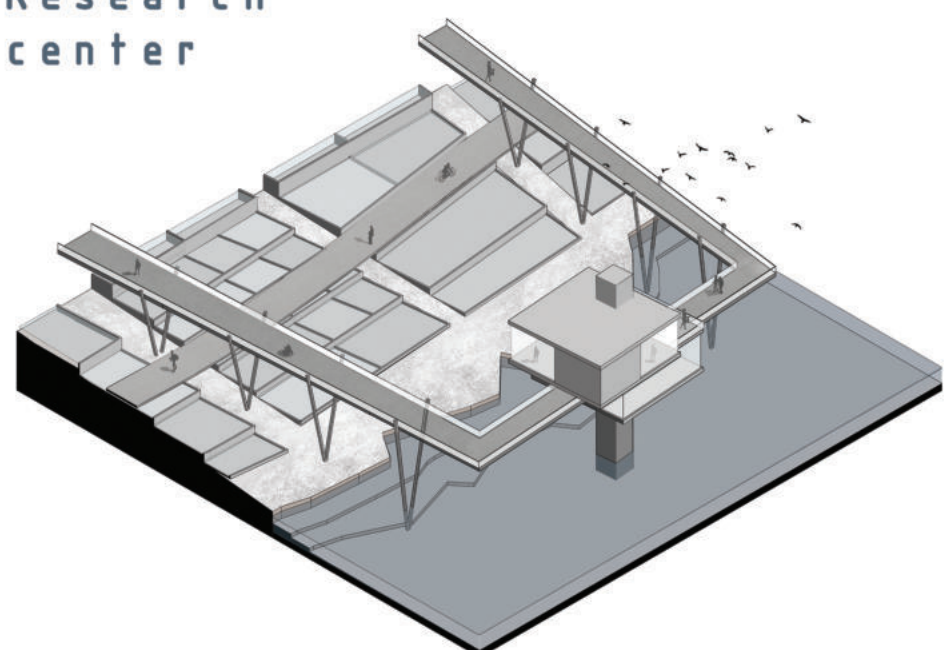
Entrance



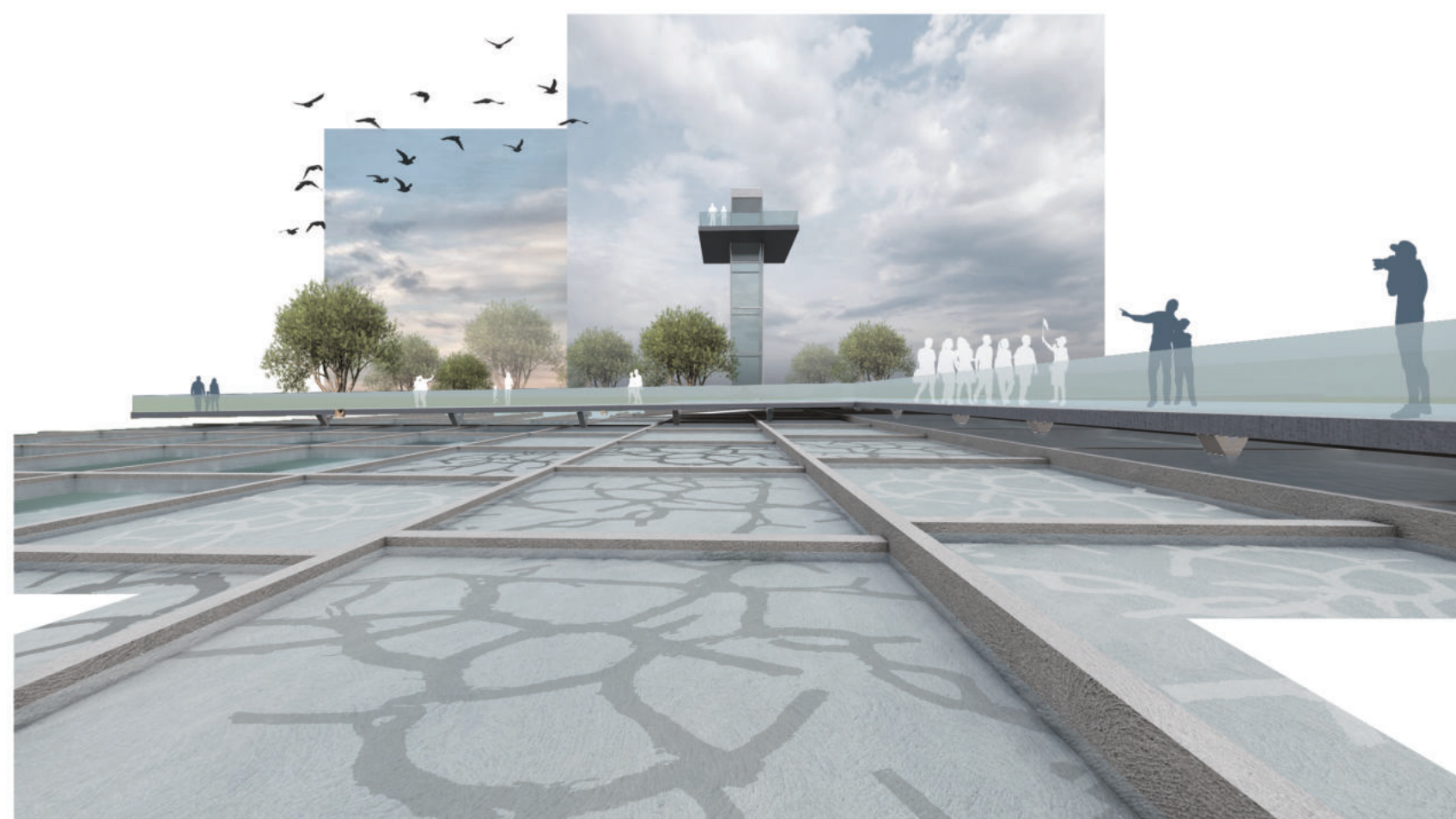
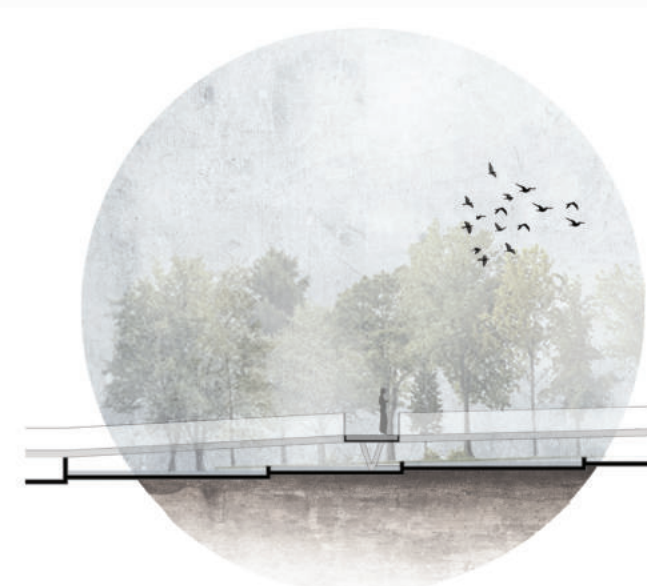
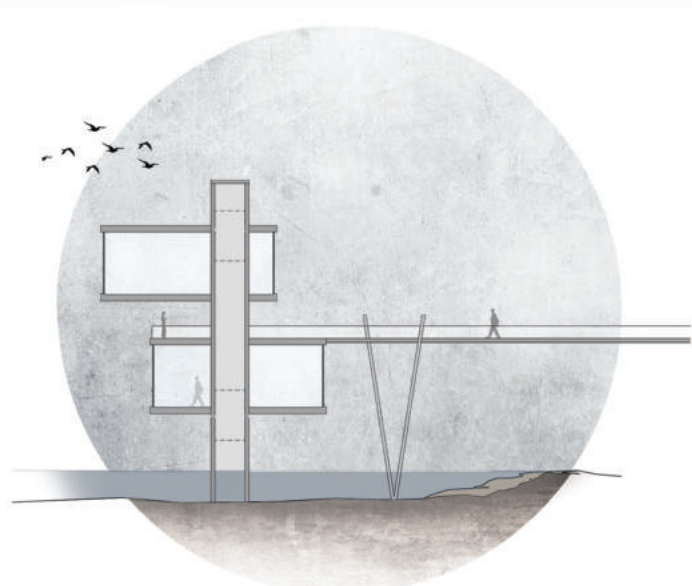
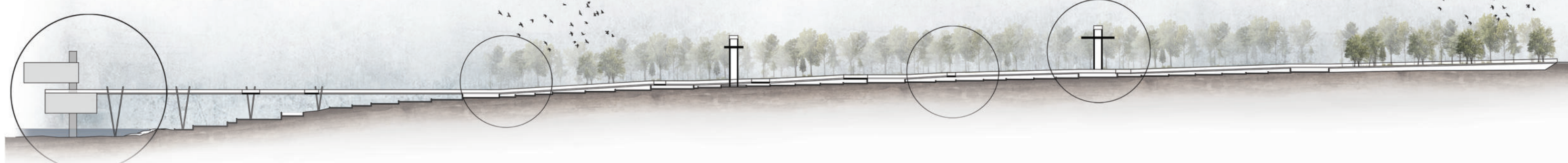
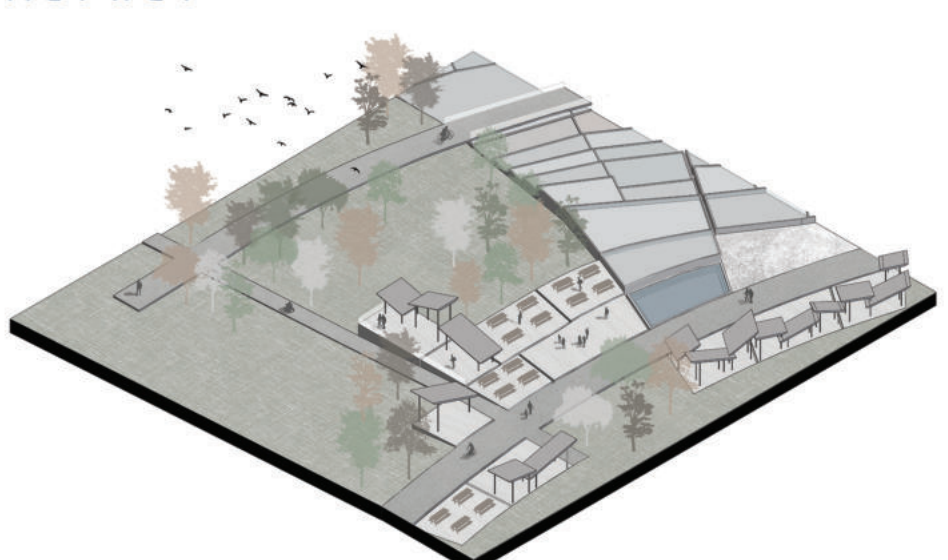
Observation platform



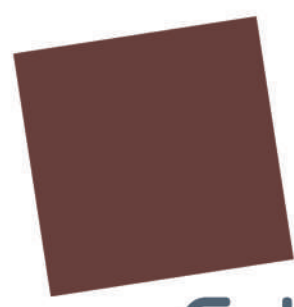
Research center



Market



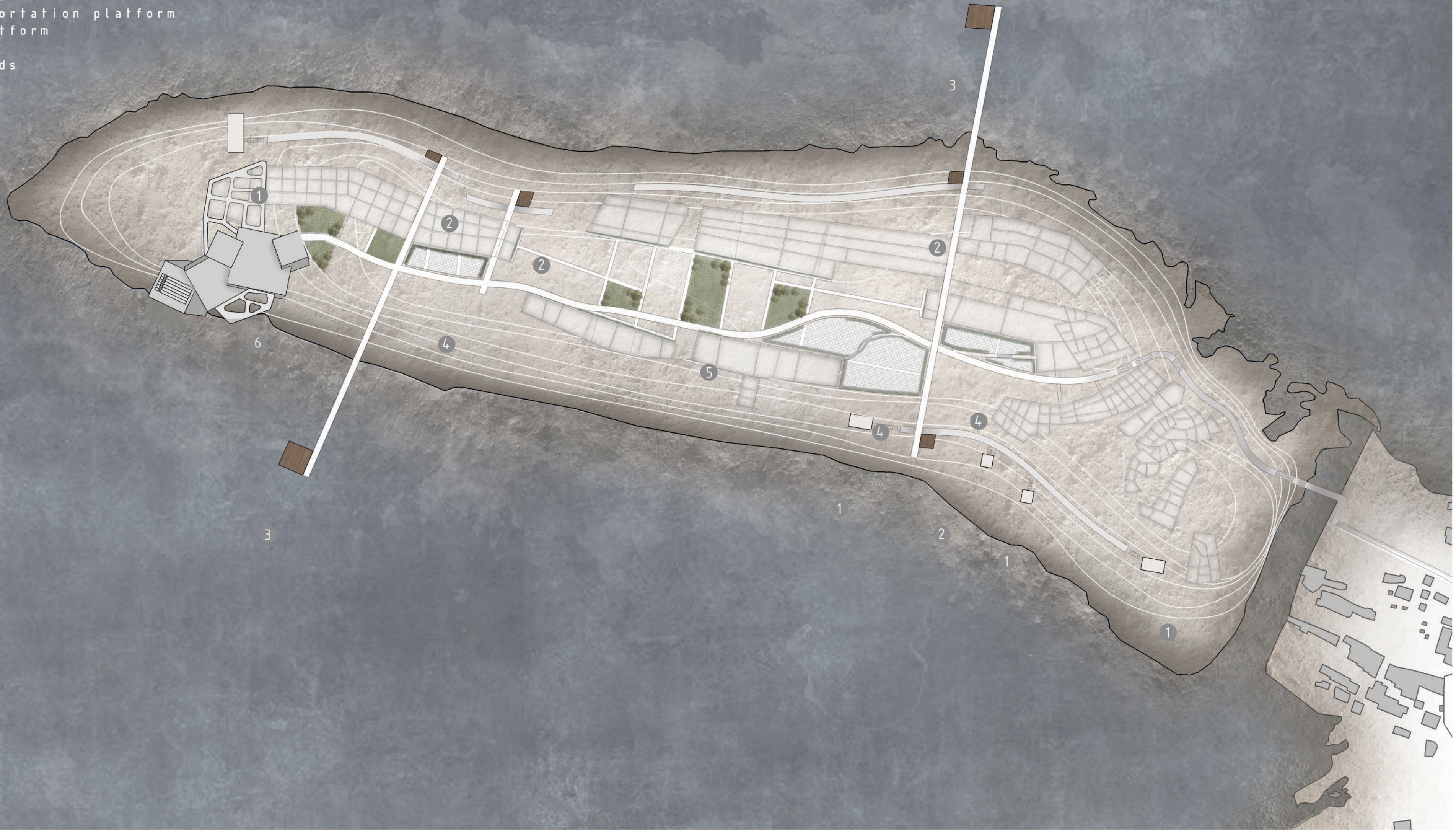




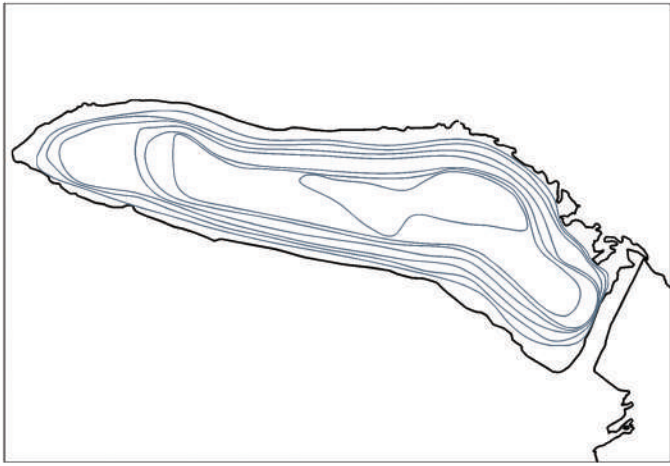
MASTERPLAN - ZONE 2

LEGEND

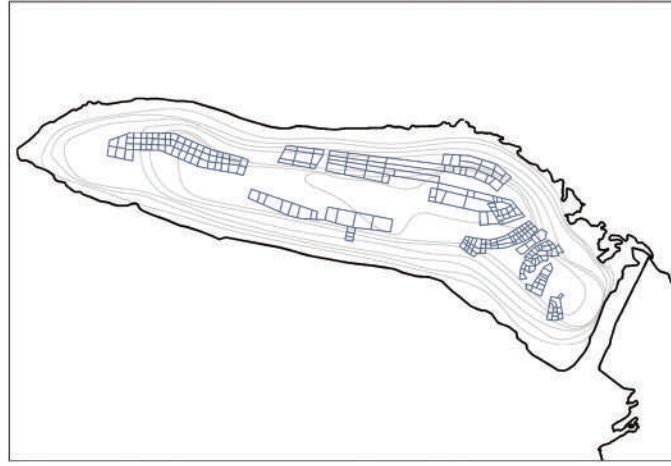
- 1- Historical caves
- 2- Vertical transportation platform
- 3- Observation platform
- 4- Seating area
- 5- Green raised beds
- 6- Museum



Topography



Existing lines



Proposed path



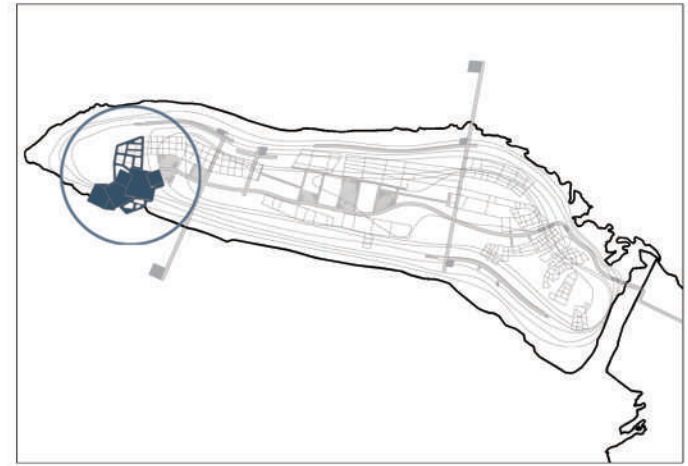
Vertical transportation



Greenery

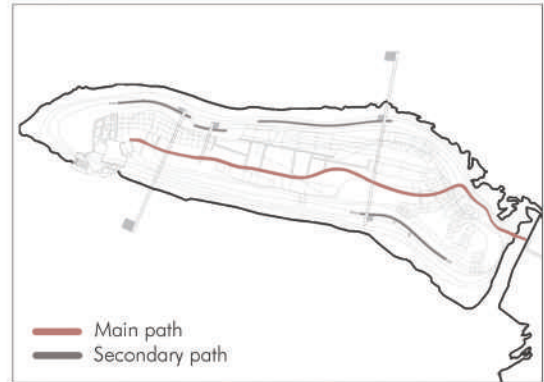


Intervention

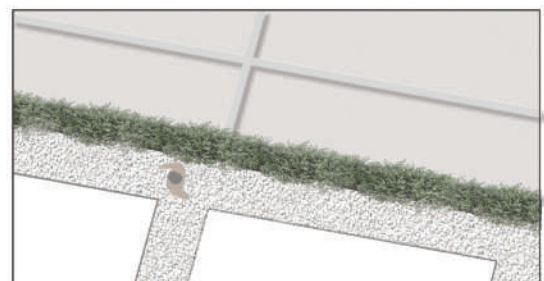


Archeological conservation

PATHWAYS



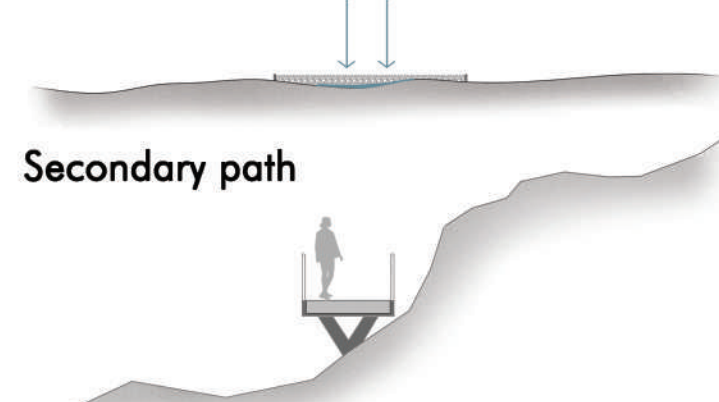
BUFFER ZONES



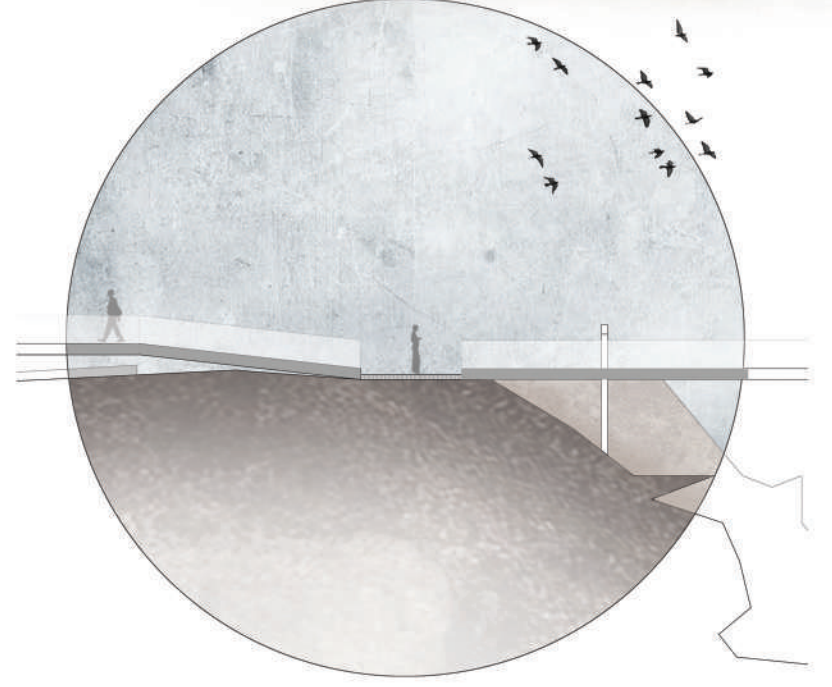
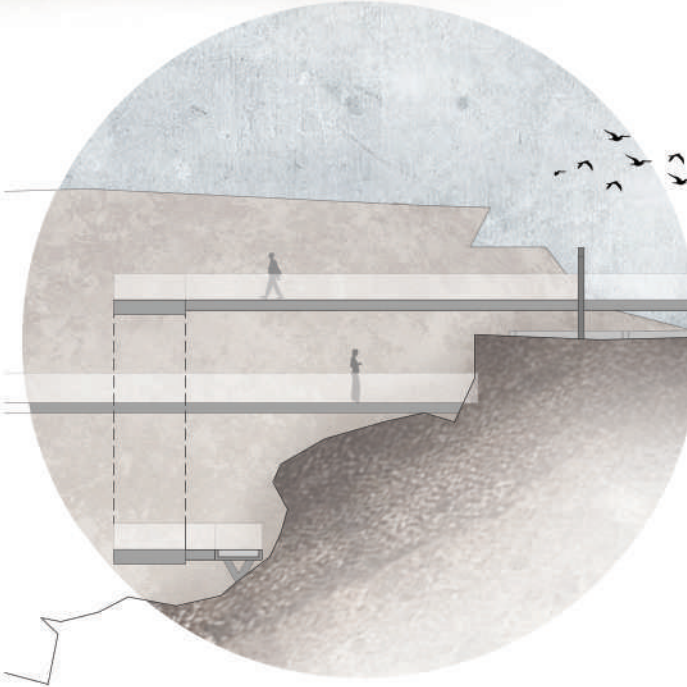
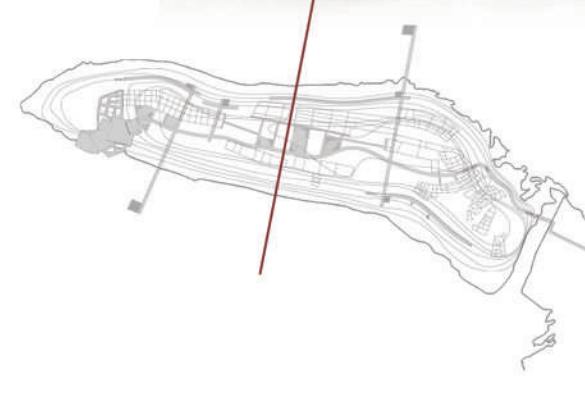
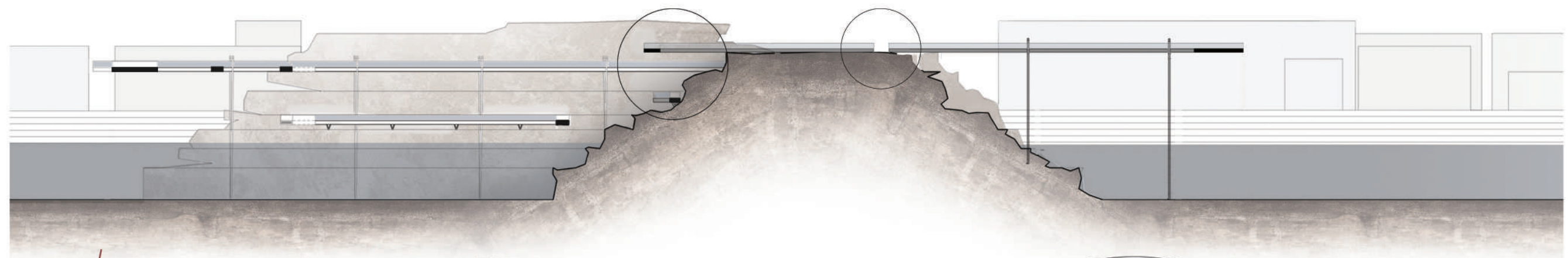
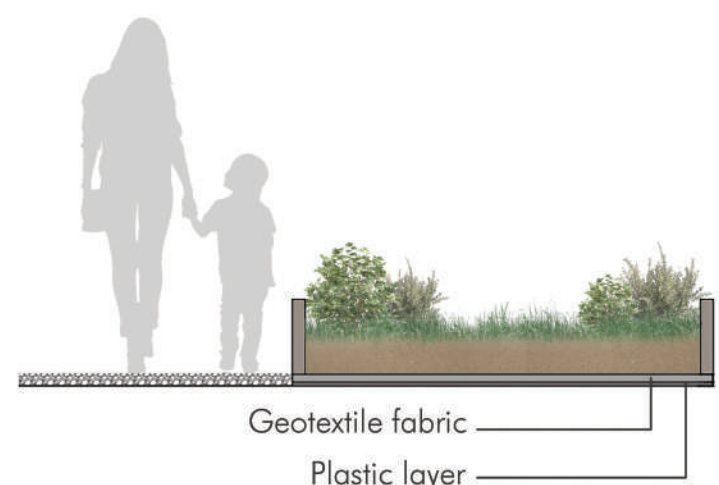
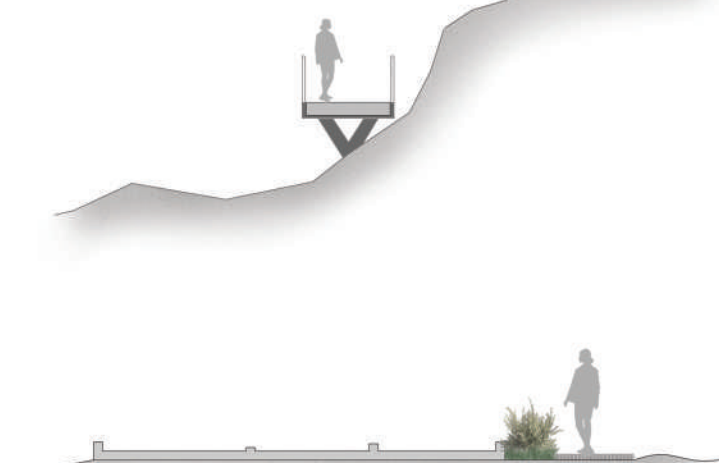
ELEVATED BEDS



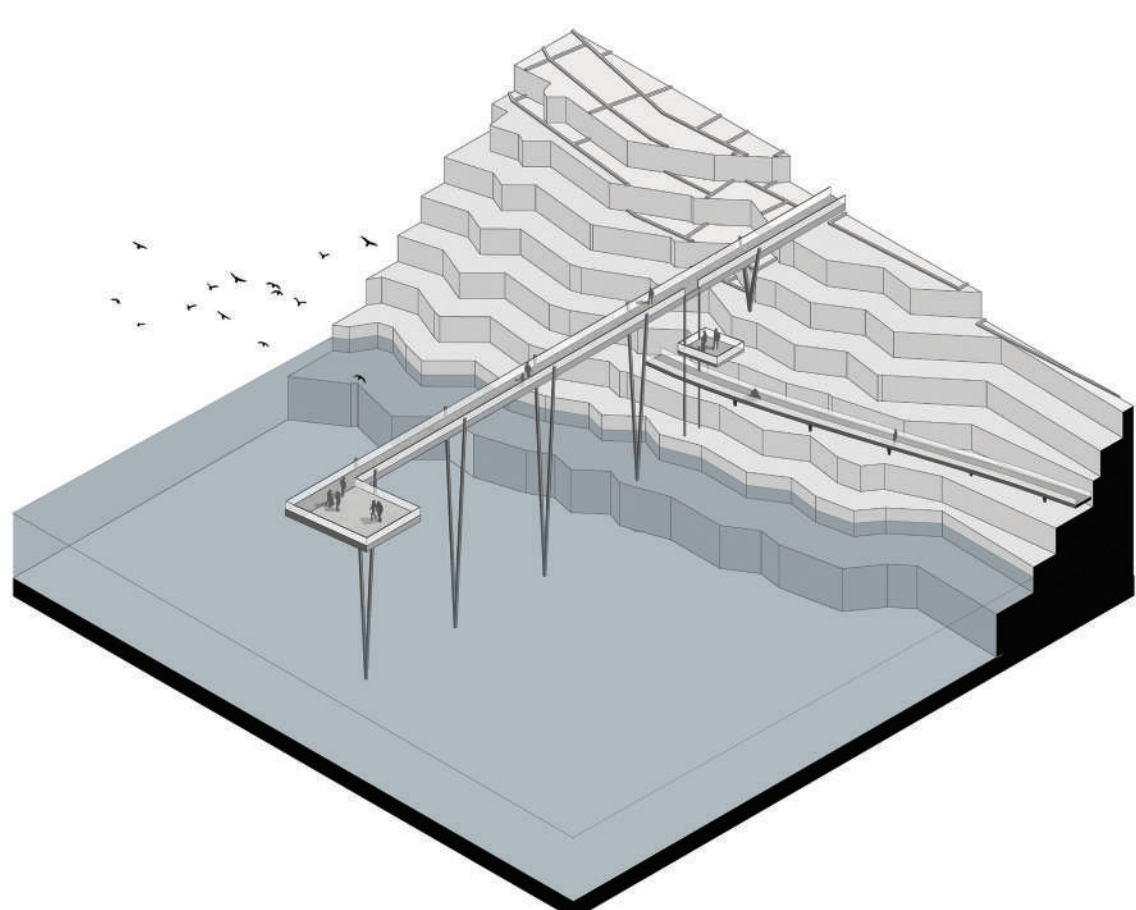
Main path



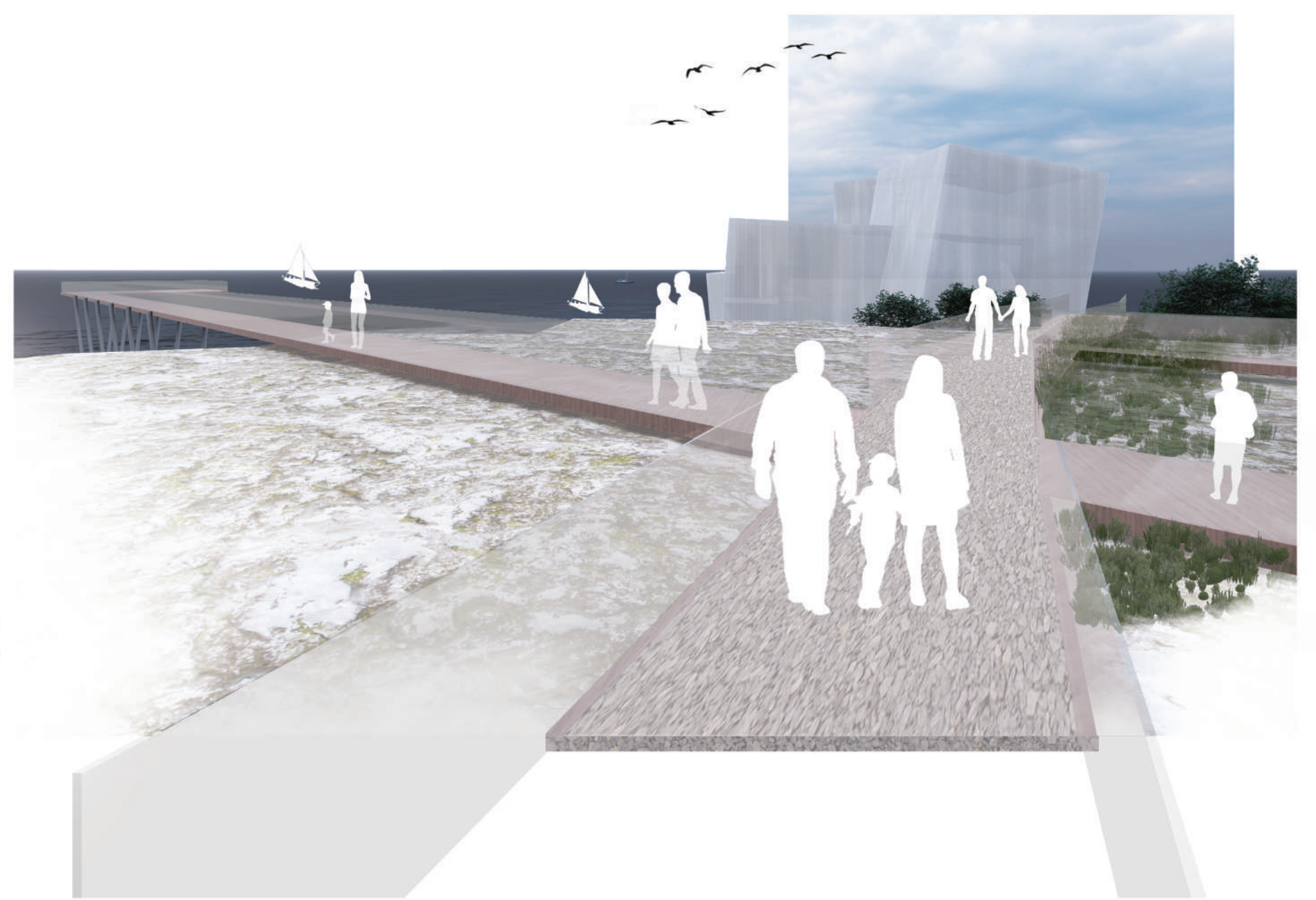
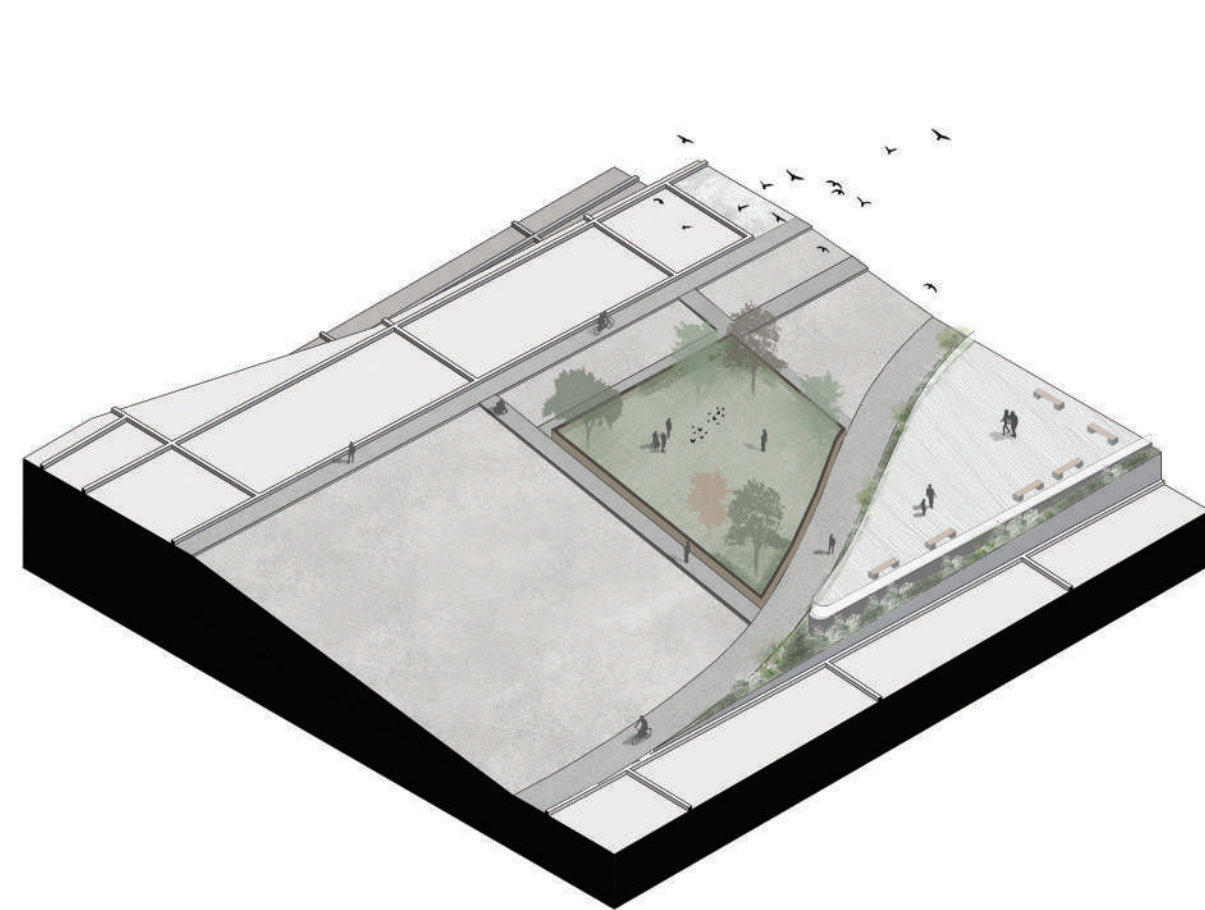
Secondary path



Observation platform



Elevated green beds







Topography



Existing lines



Proposed path



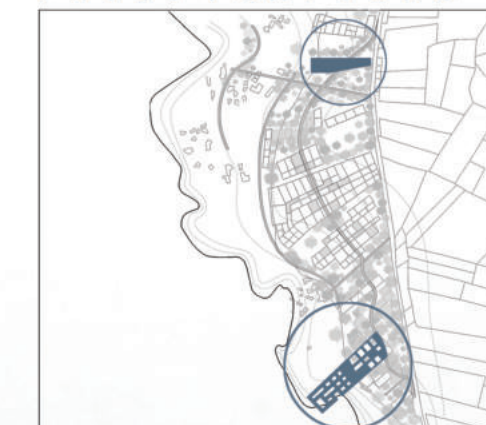
Pixels



Greenery



Interventions



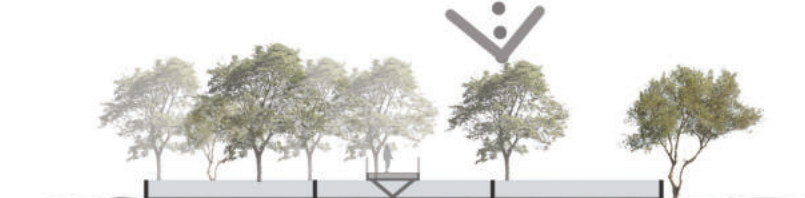
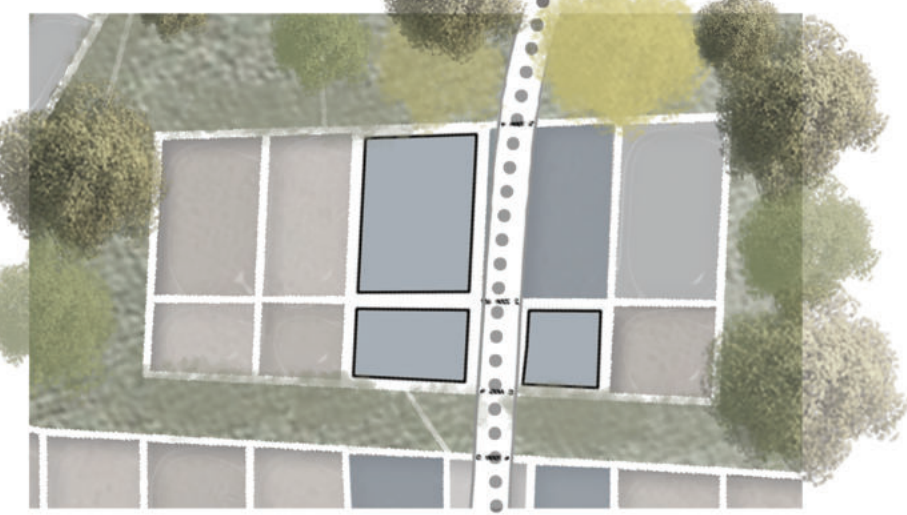
Ecological interventions

Green buffer zone

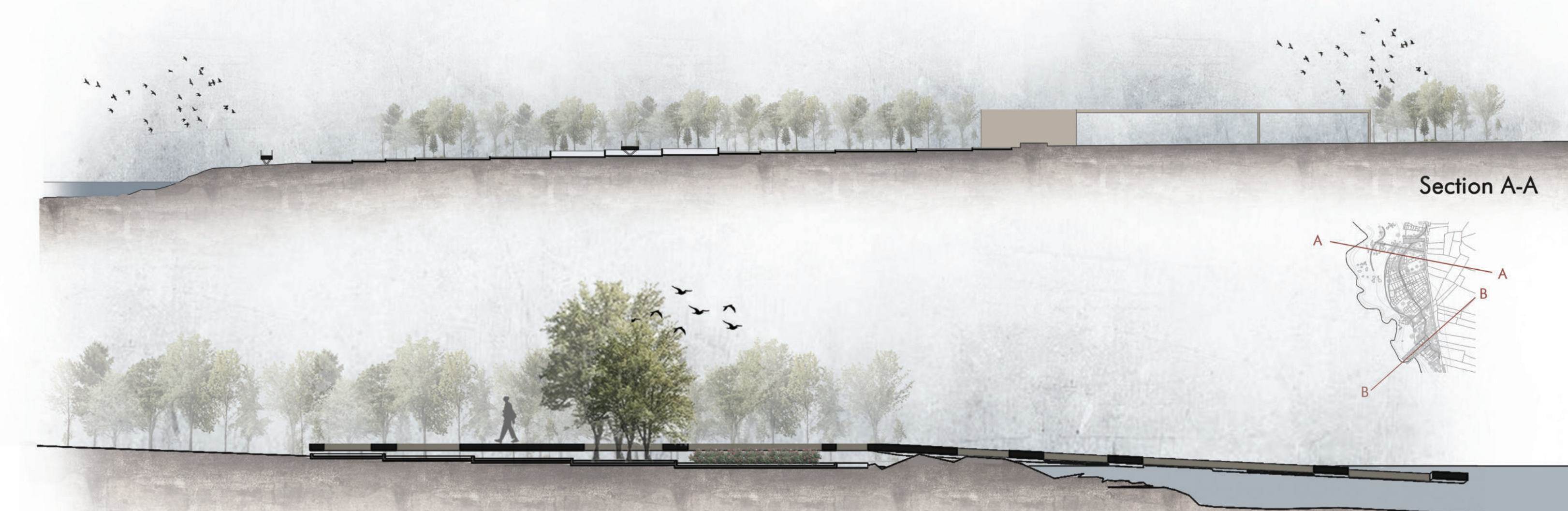


We established an urban forest as a buffer zone between the industrial area and our zone, serving as a natural filter to decrease the pollution and heal the area

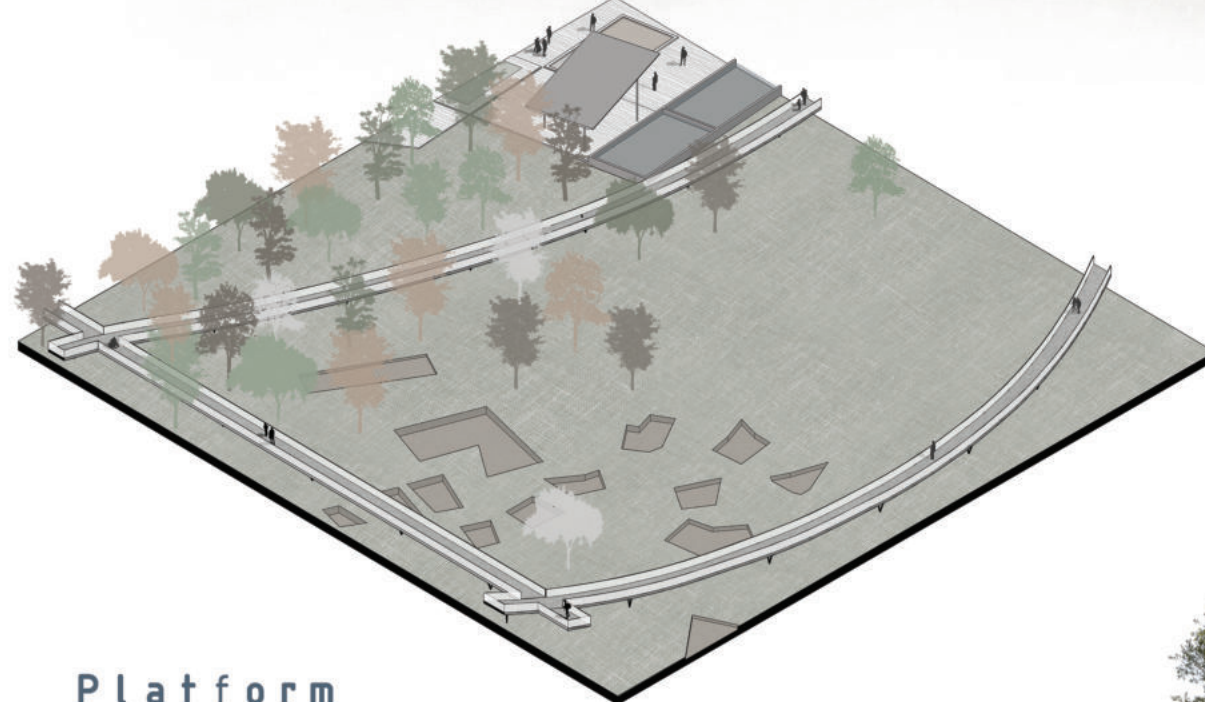
Elevated pathways



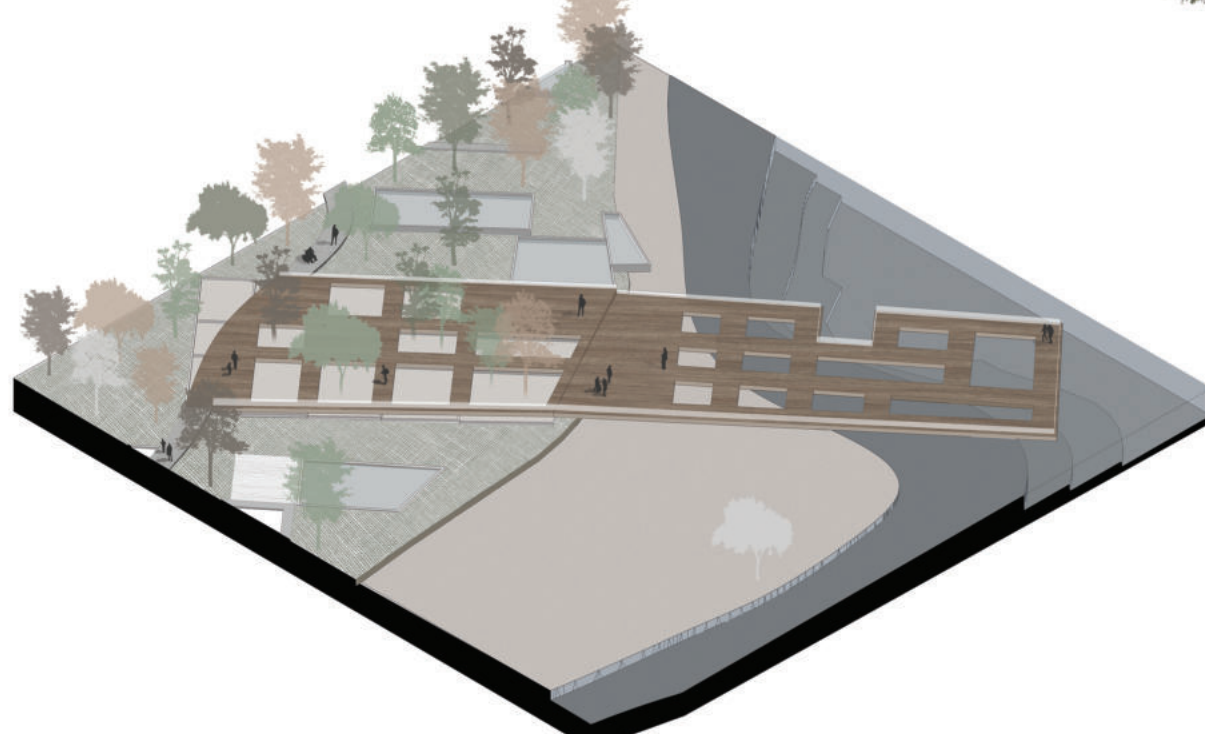
The pathway passes over the salinas using a lightweight structure, ensuring minimal intervention to preserve these historical features.



Coastal promenade



Platform



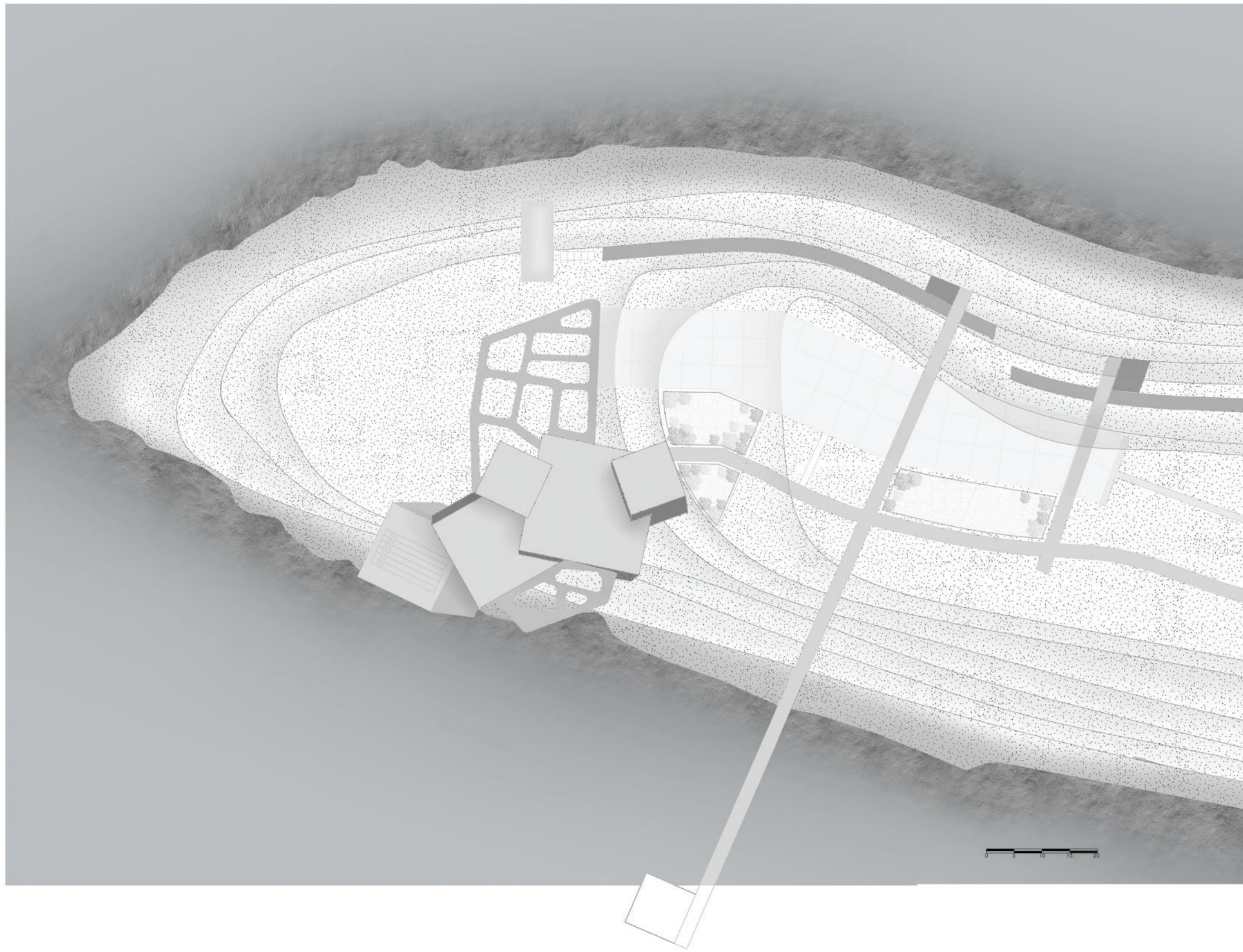




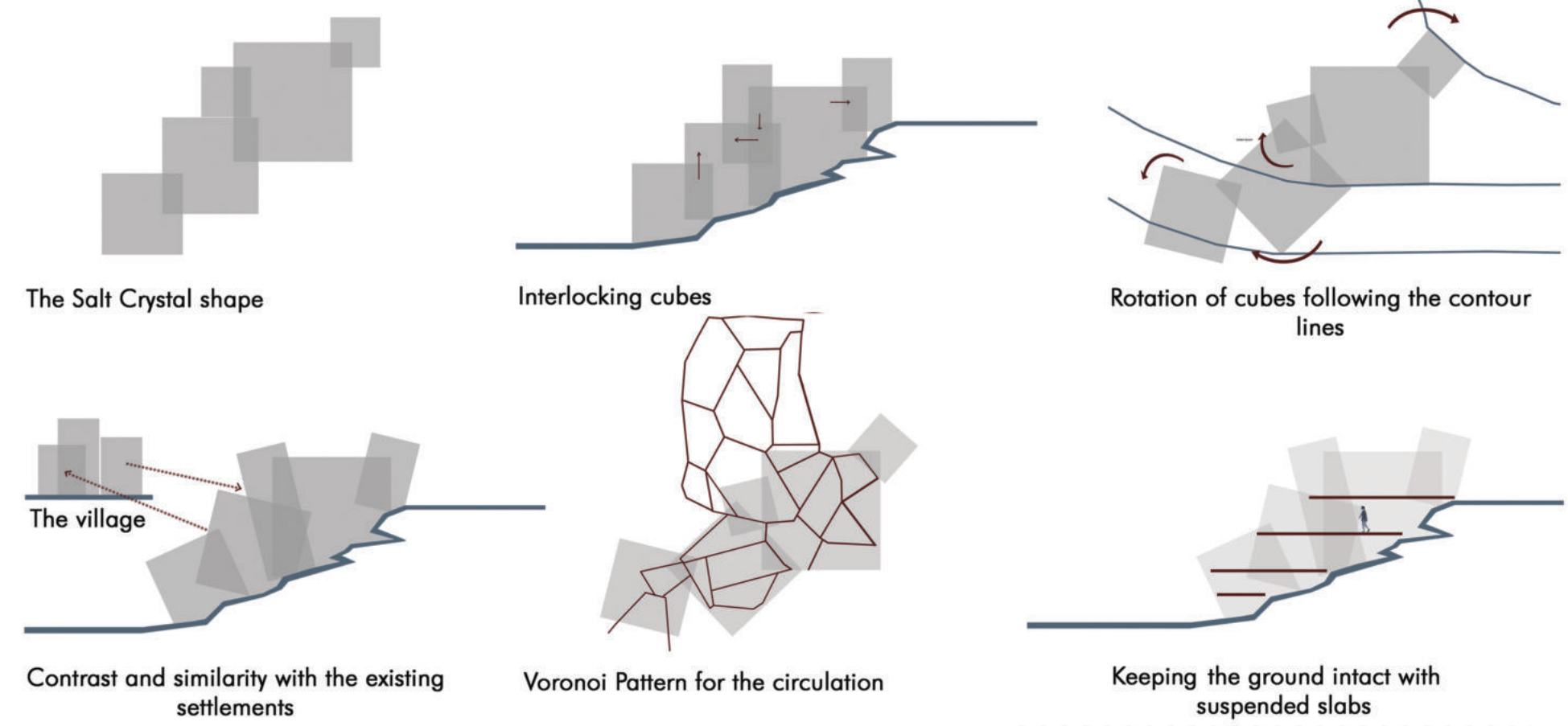
SALTSHIFT

Beyond the Crystal

MASS PLAN

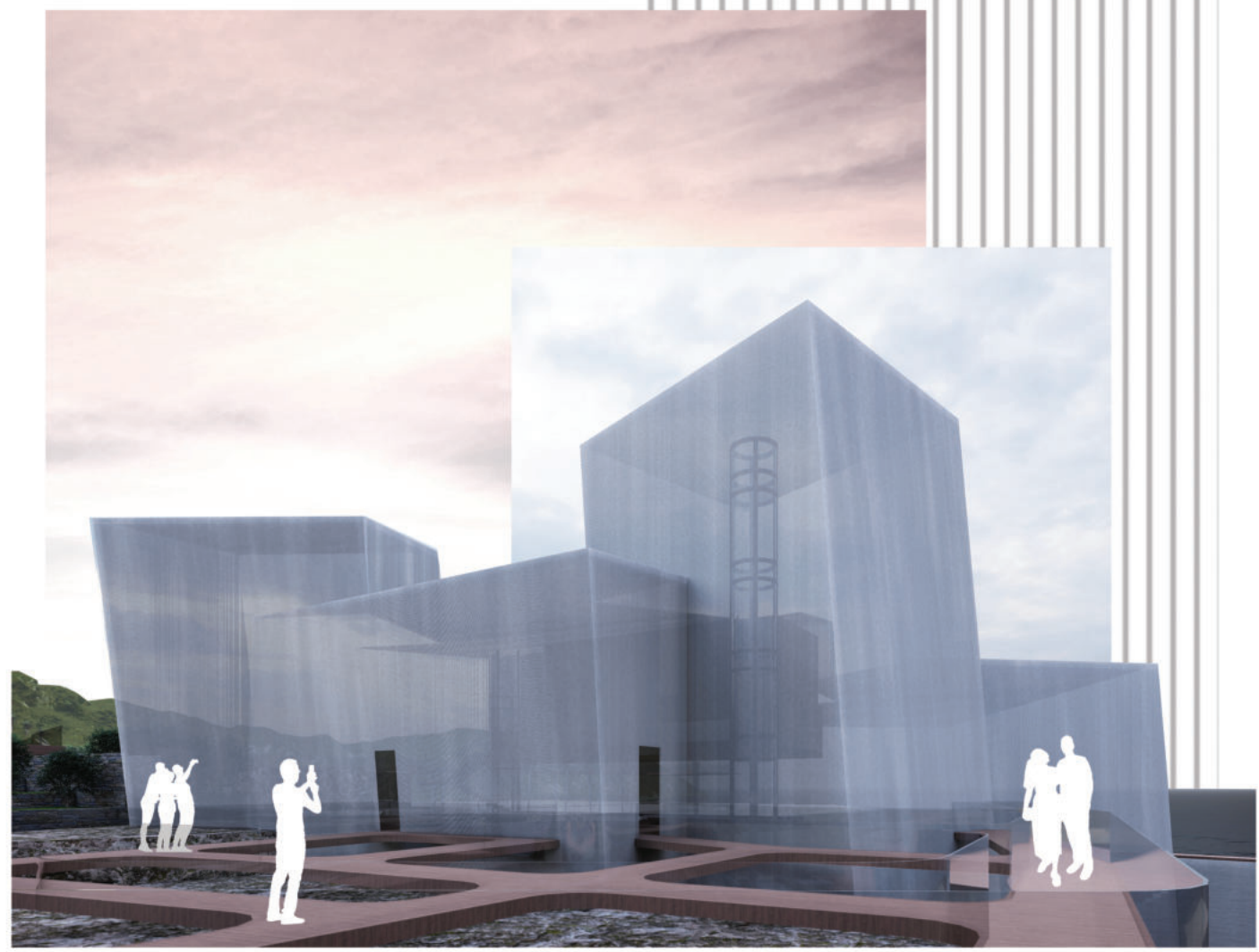


CONCEPT DIAGRAM



The museum's concept diagram began with interlocked crystal shapes—rotated cubes that echo the village settlement while introducing a dynamic tilt. This intentional tilt serves as a contrast, highlighting the architectural relationship with the UNESCO-protected site's archaeological significance. To preserve the ground's integrity, suspended slabs reveal rocks within, creating a harmonious in-out relationship for visitors to explore both internal and external spaces.

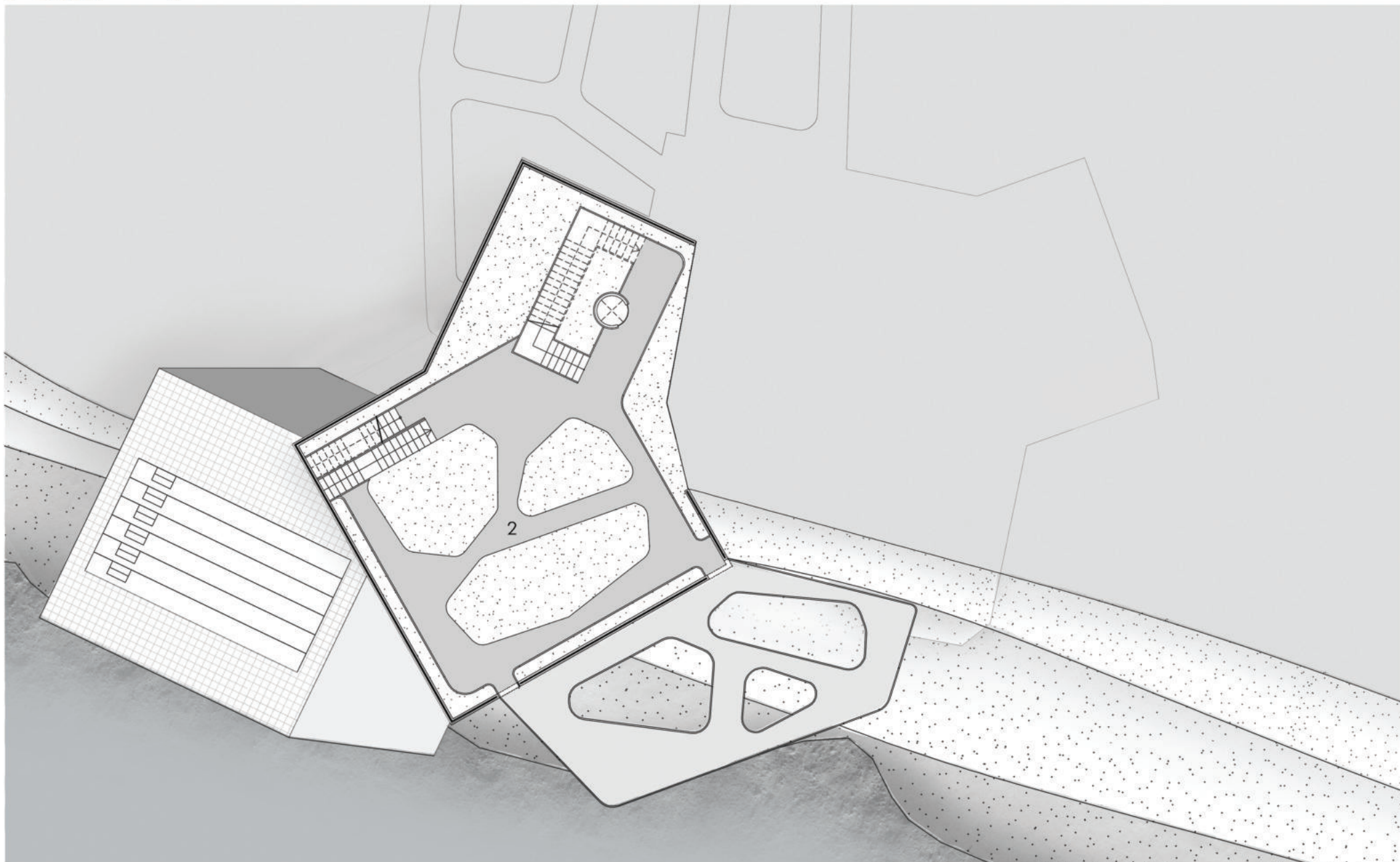
Furthermore, the outdoor promenade takes inspiration from the Voronoi pattern, mirroring the cracks within the salinas. This design element adds an organic and unique dimension to the open spaces, aligning seamlessly with the overall concept. As a nod to the strength of salt as a building material, the structure will gradually develop a salt covering over the years, enhancing its ability to withstand the forces of the surrounding waves.



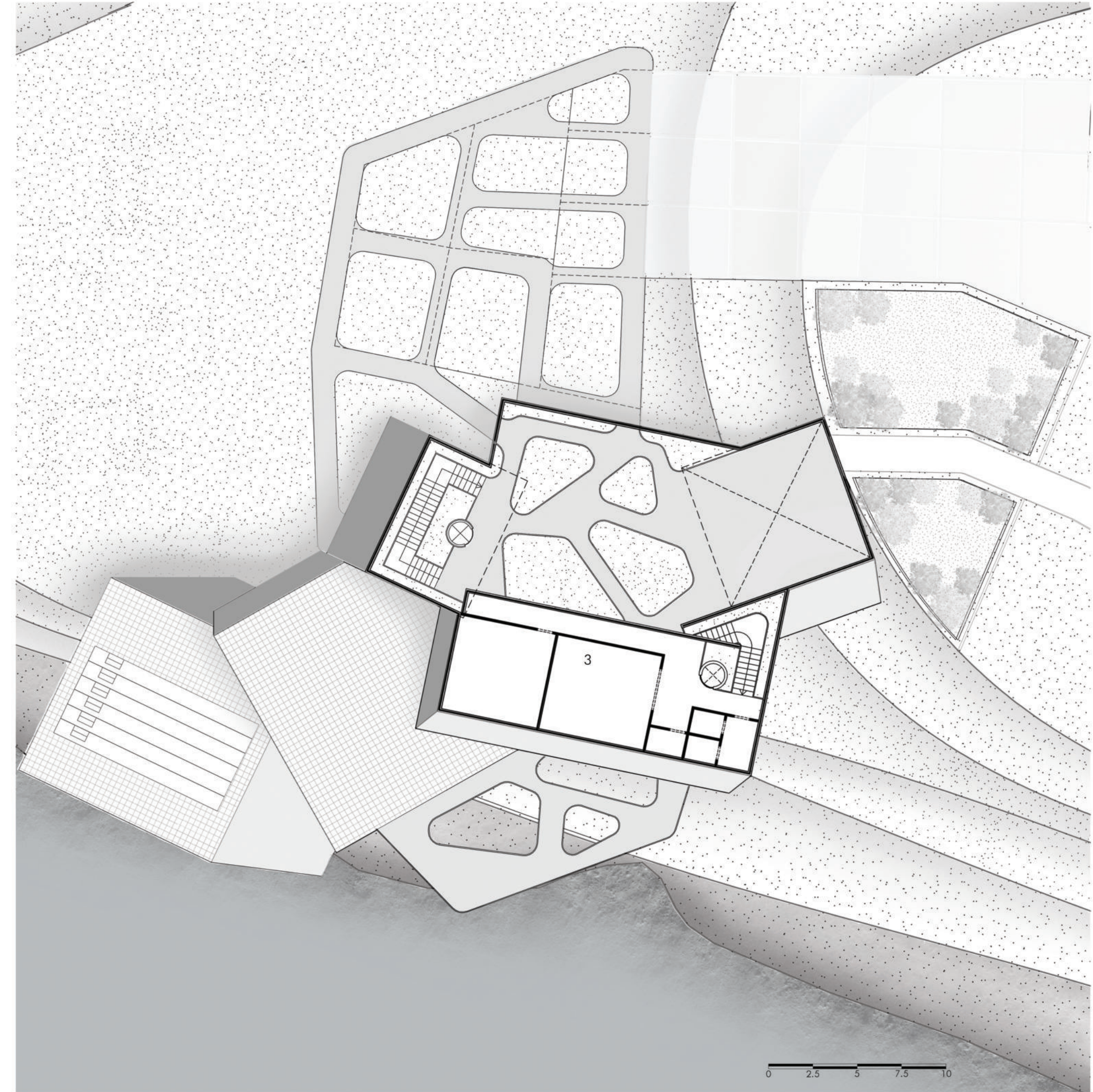
GROUND FLOOR PLAN



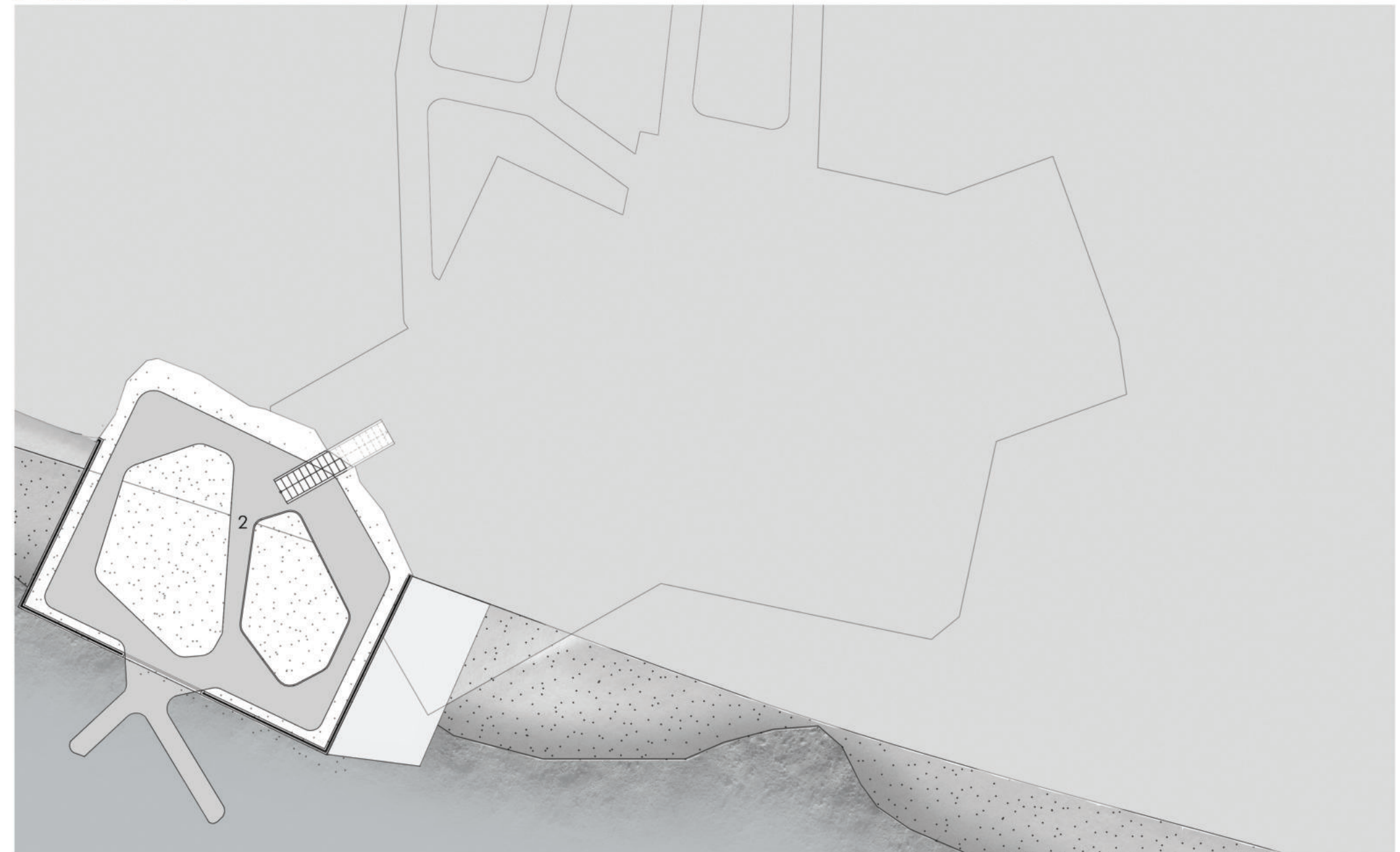
PLAN - 1



FIRST FLOOR PLAN



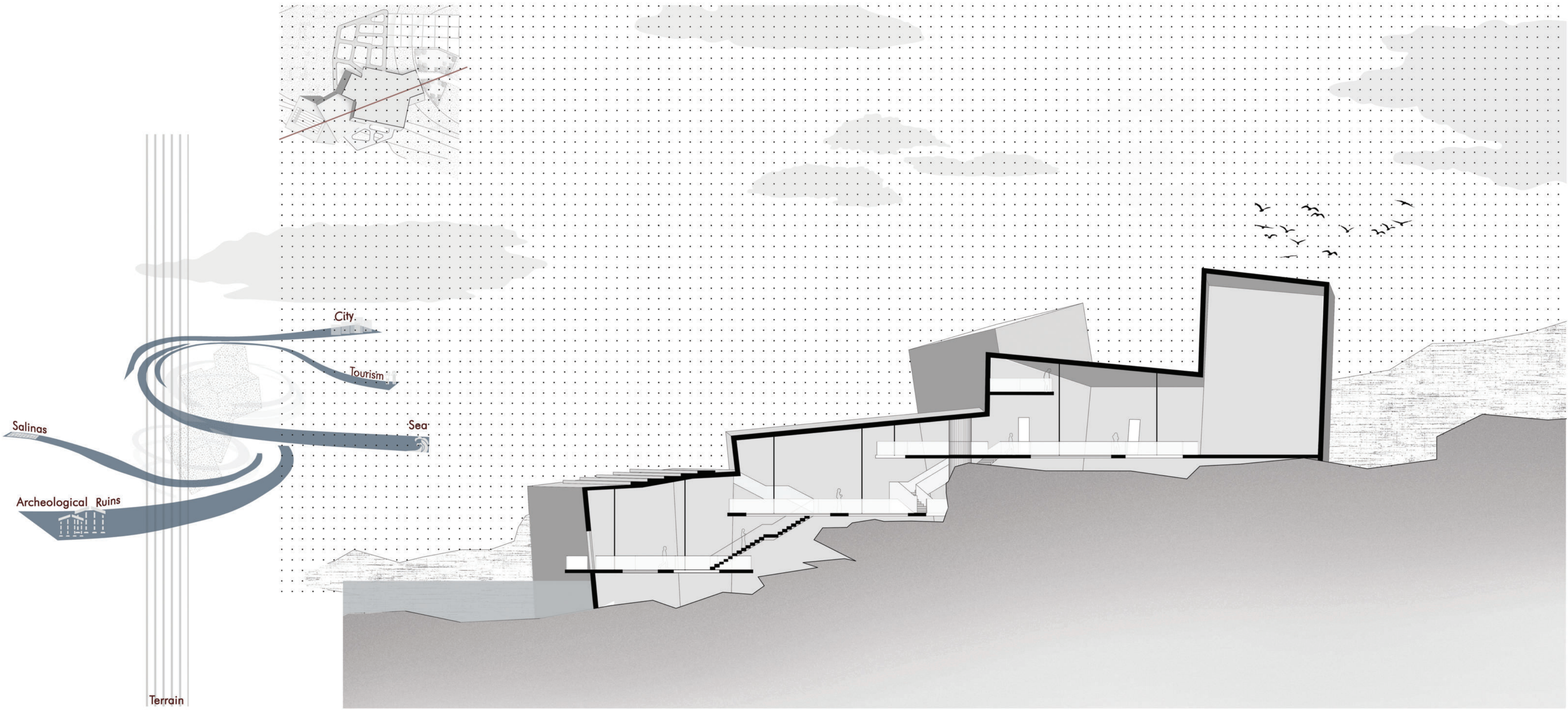
PLAN - 2



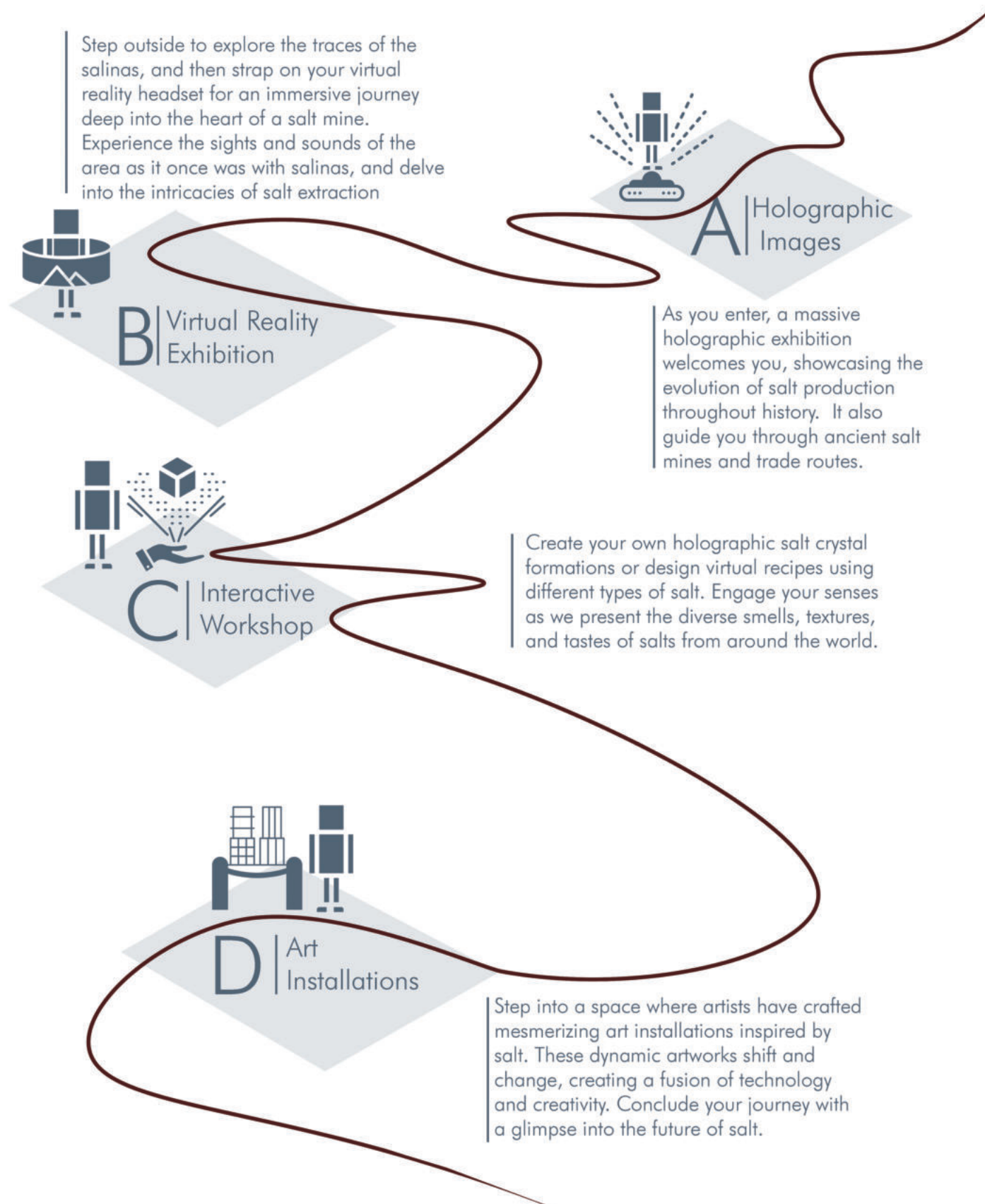
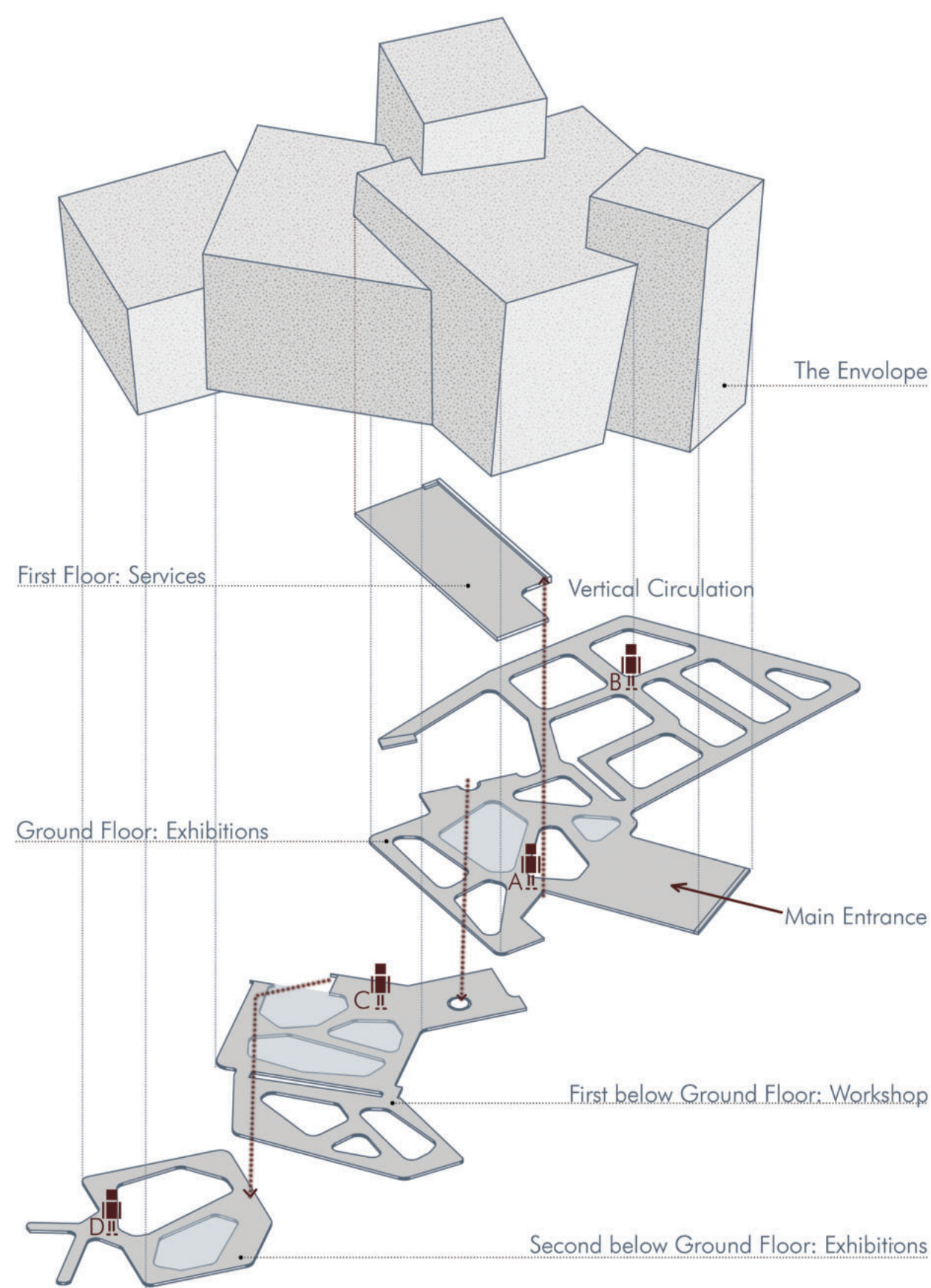




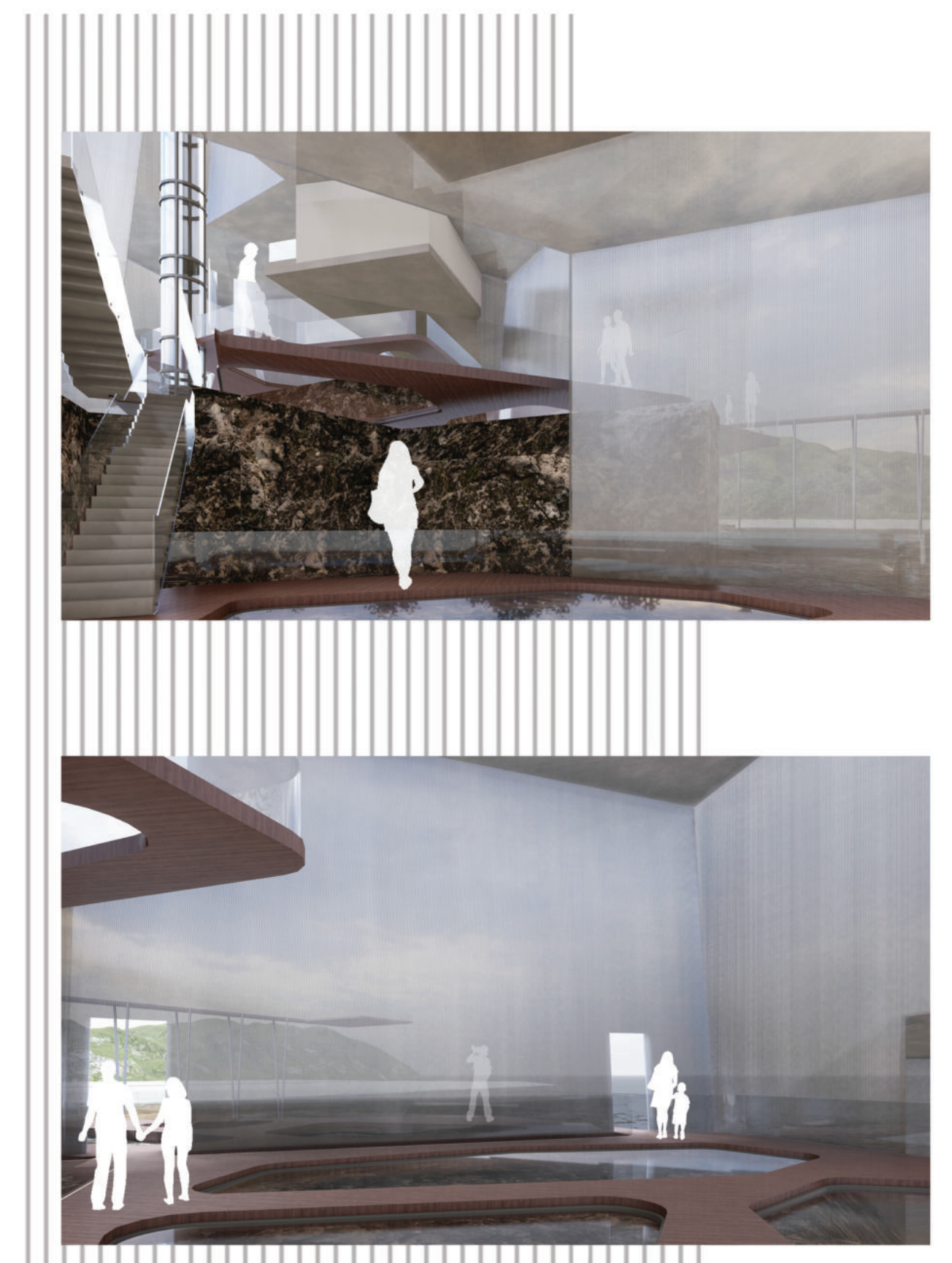
SECTION



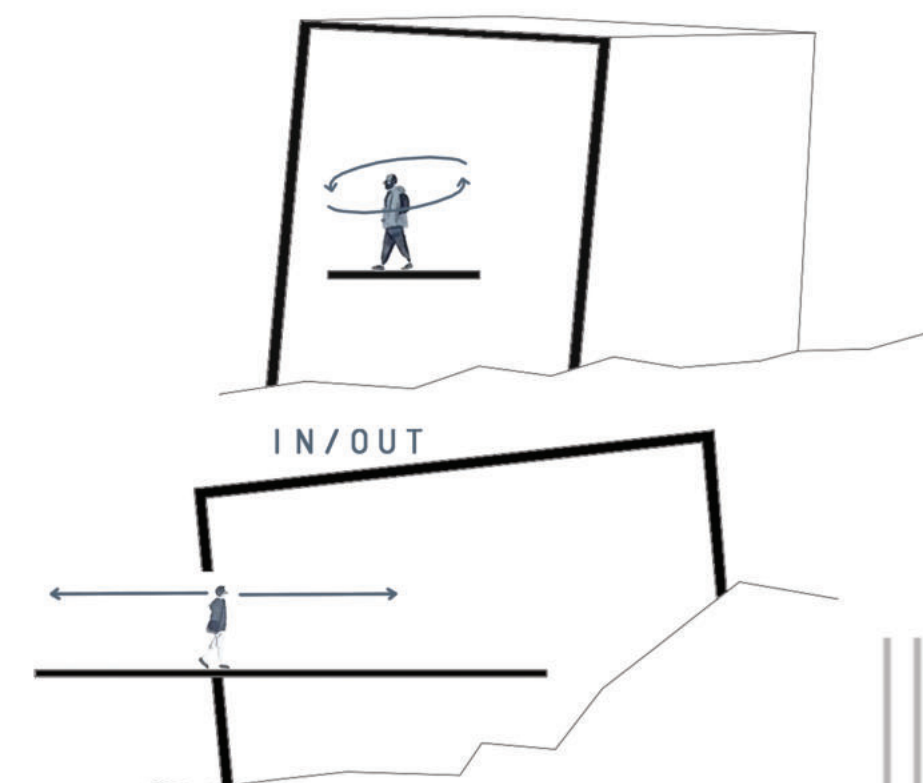
EXPLODED DIAGRAM



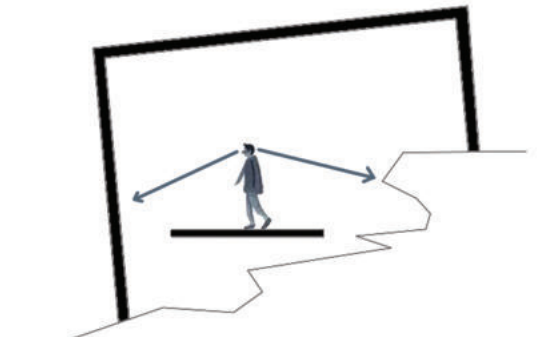
EXPERIENCES



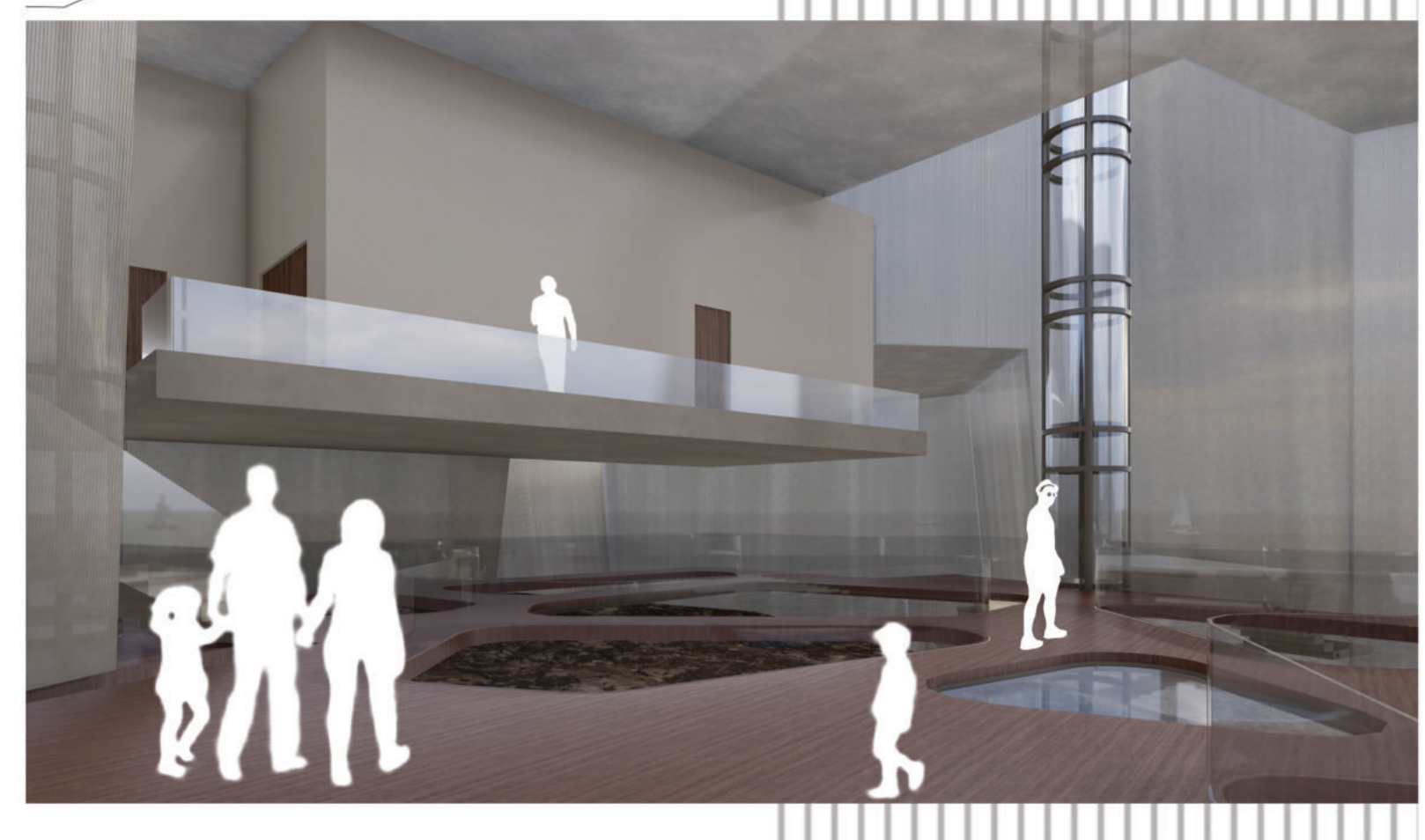
360° VIEWS



DUAL SCENERY



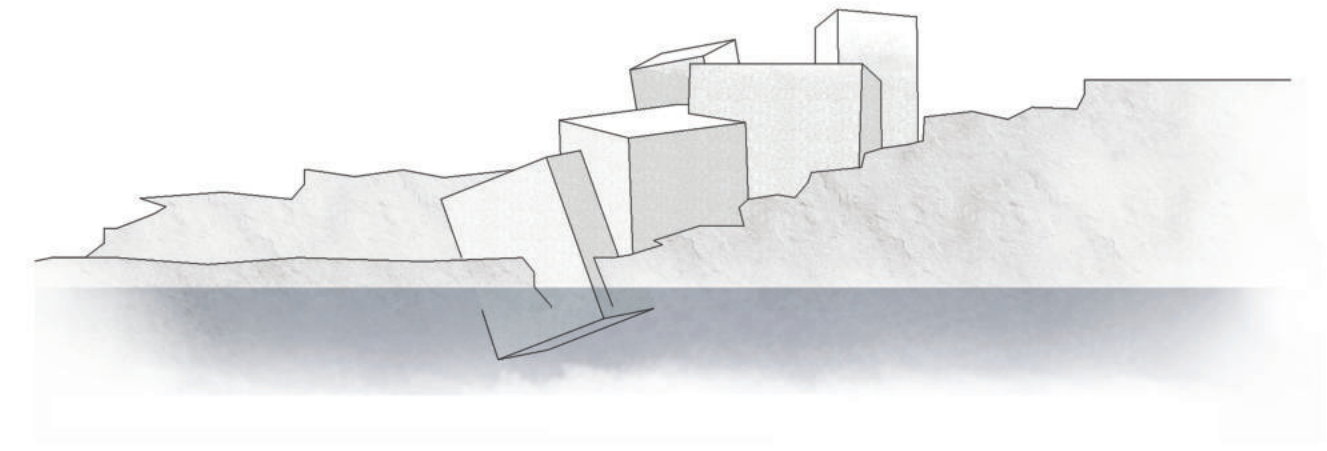
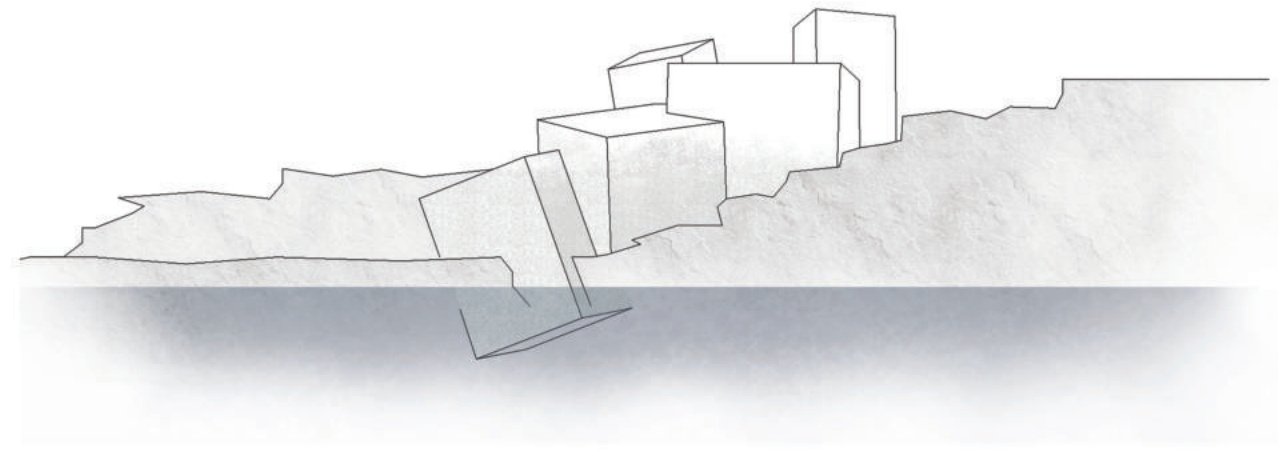
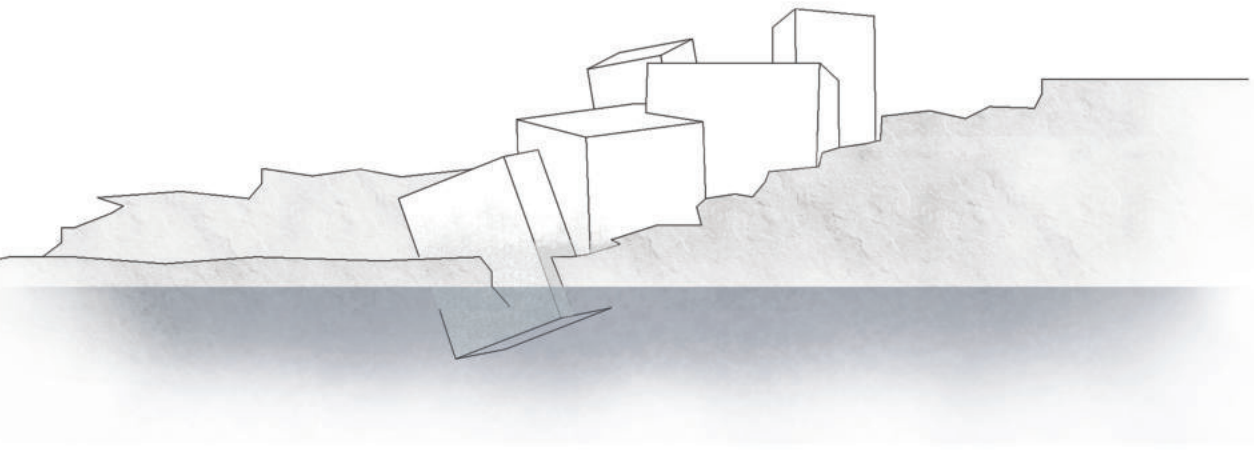
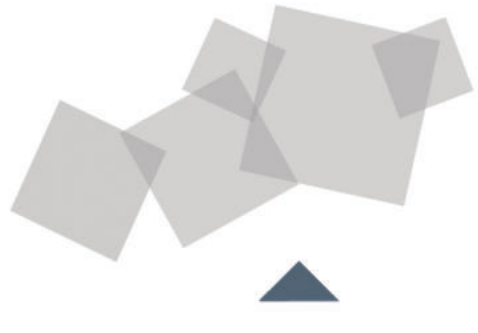
PEAK PANORAMA



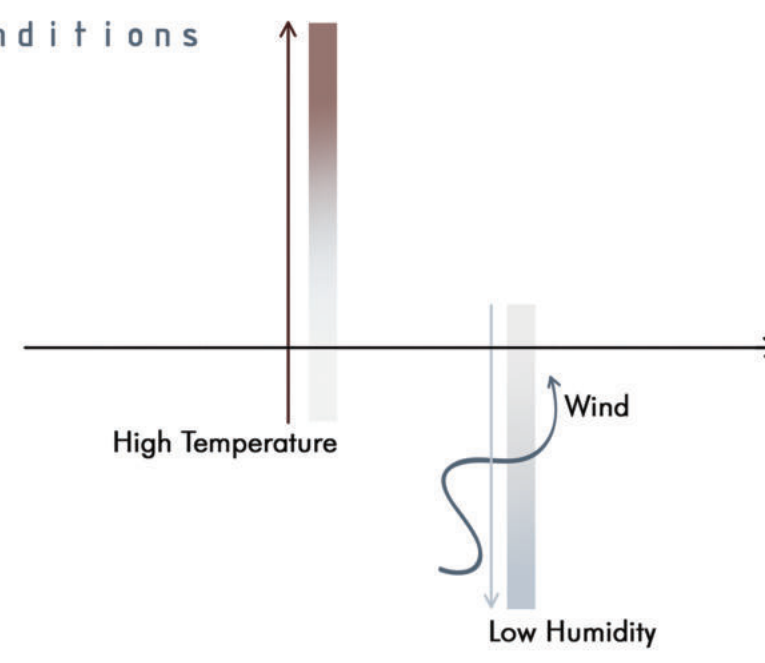




SALT GROWTH



Enviromental conditions



Sun impact

