

Country / City **Greece/ Chania**  
University / School **Technical University of Crete/ School of Architecture**  
Academic year **2019-2020**  
Title of the project **Reconstructing the western front of Rethymnon**  
Authors **Benioudaki Angeliki, Papadopoulou Iris, Vrakidi Styliani**

## TECHNICAL DOSSIER

Title of the project Reconstructing the western front of Rethymnon  
Authors Benioudaki Angeliki, Papadopoulou Iris, Vrakidi Styliani  
Title of the course Diploma Thesis  
Academic year 2019-2020  
Teaching Staff Tzompanakis Alexios  
Department/Section/Program of belonging Department 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

Residing in a typical Cretan landscape with its historic palimpsest from the Venetian and Ottoman era, the western waterfront of **Rethymnon** (island of Crete, Greece) exemplifies a de-industrialized zone on an urban seafront, on the outskirts of a Mediterranean city. Main project's objective is the **reconfiguration** and the **revitalization** of this coastal zone, which is now a **degraded area**, characterized by a **disrupted relationship with the sea**, an intense residential development and discontinuity with the city's center urban actions.

The project consists of the **overall organization** of the area, through a network of interventions, aiming the creation of **spatial systems** of outbreaks, cavities, extremities and connections along its entire length. These systems are **articulated** with each other by a littoral route, an internal coastal route and sutures with the south and east districts. The design integrates the surrounding landscape, attempting to **signify the concealed streams** of the region of intervention and the **diffusion of natural elements** into the city. In the eastern part of the design, the approach nominates the reinterpretation and the accentuation of the trace of the Venetian wall, the use of water as a bioclimatic element and the rendition of a fractured and more natural coastline.

Overall, the proposal envisions the re-formation of the coastline and the redefinition of the interrelation with the sea, as well as the creation of an **open, active and cohesive landscape** of urban leisure activity with a broad variety of interactions.

For further information  
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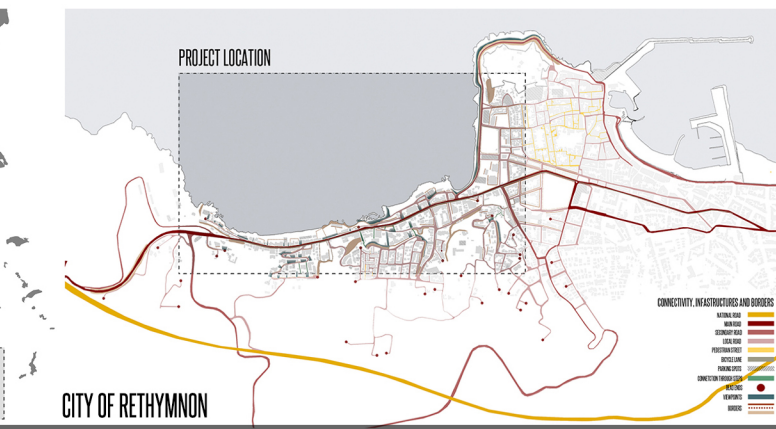


# CLIMATE CHANGE AGAIN

11th International Biennial Landscape Barcelona

Barcelona September 2020  
SCHOOL PRIZE

PLANS OF LOCATION

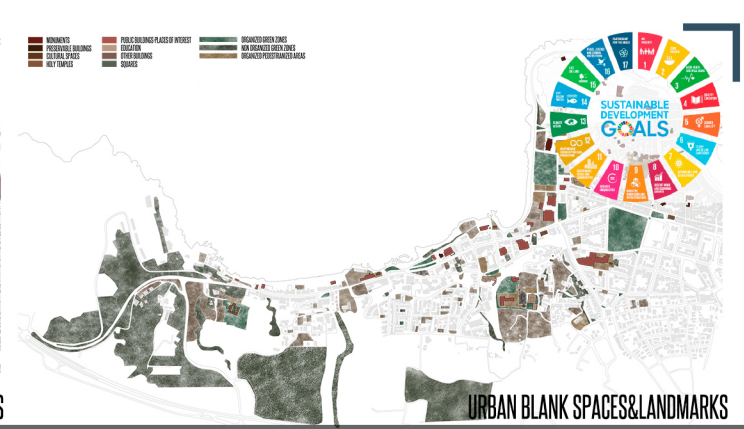


CITY OF RETHYMNON

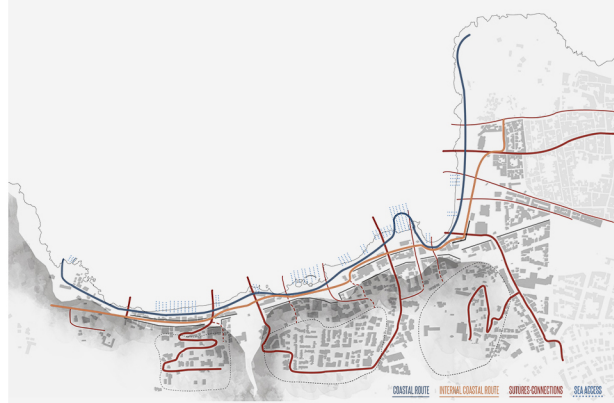
PLANS OF SITUATION



MAIN CHARACTERS



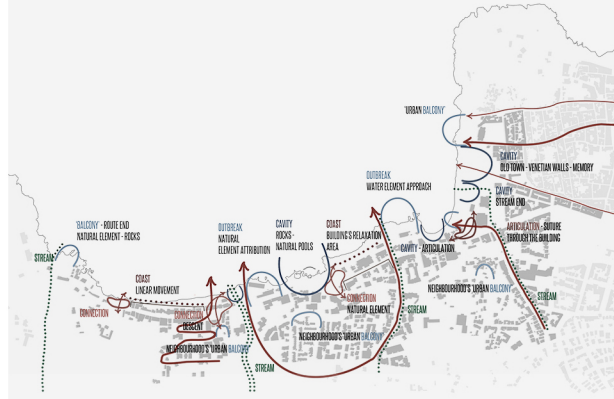
URBAN BLANK SPACES & LANDMARKS



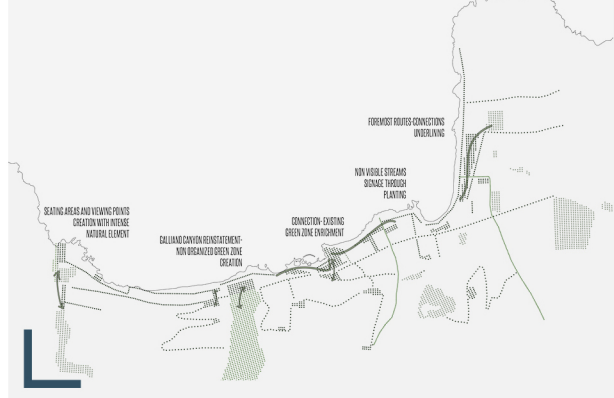
ROUTES



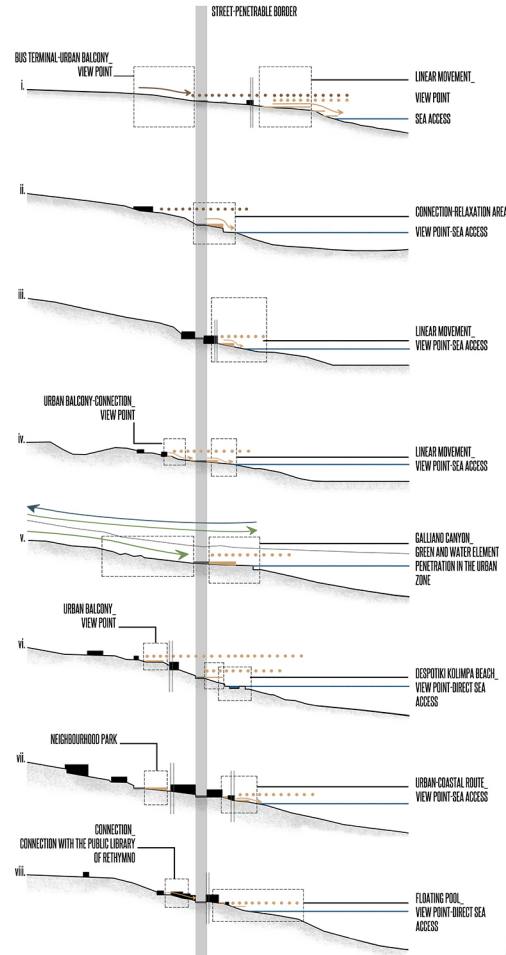
NETWORKS



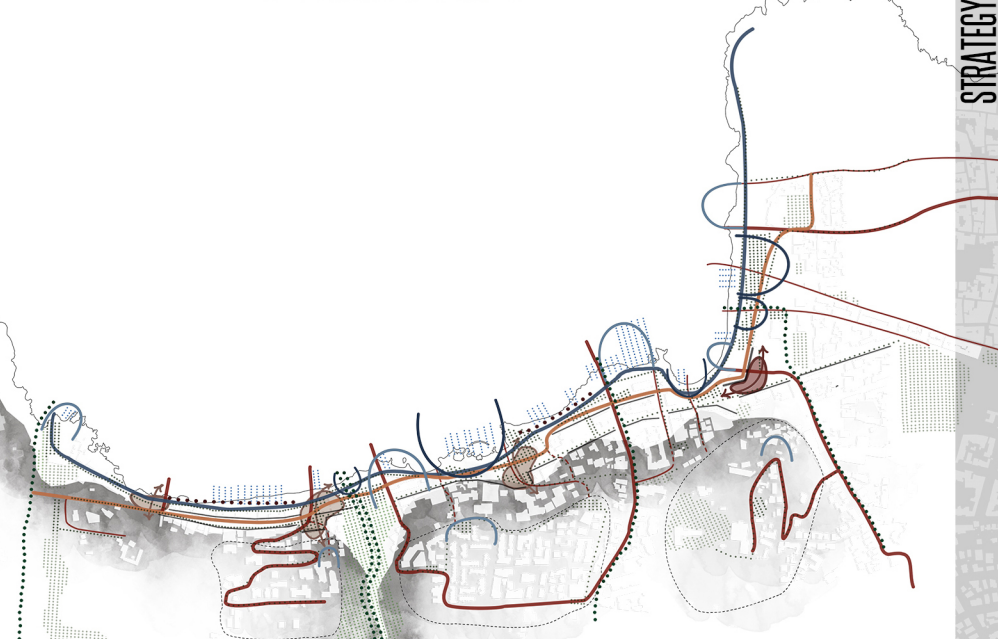
SYSTEMS



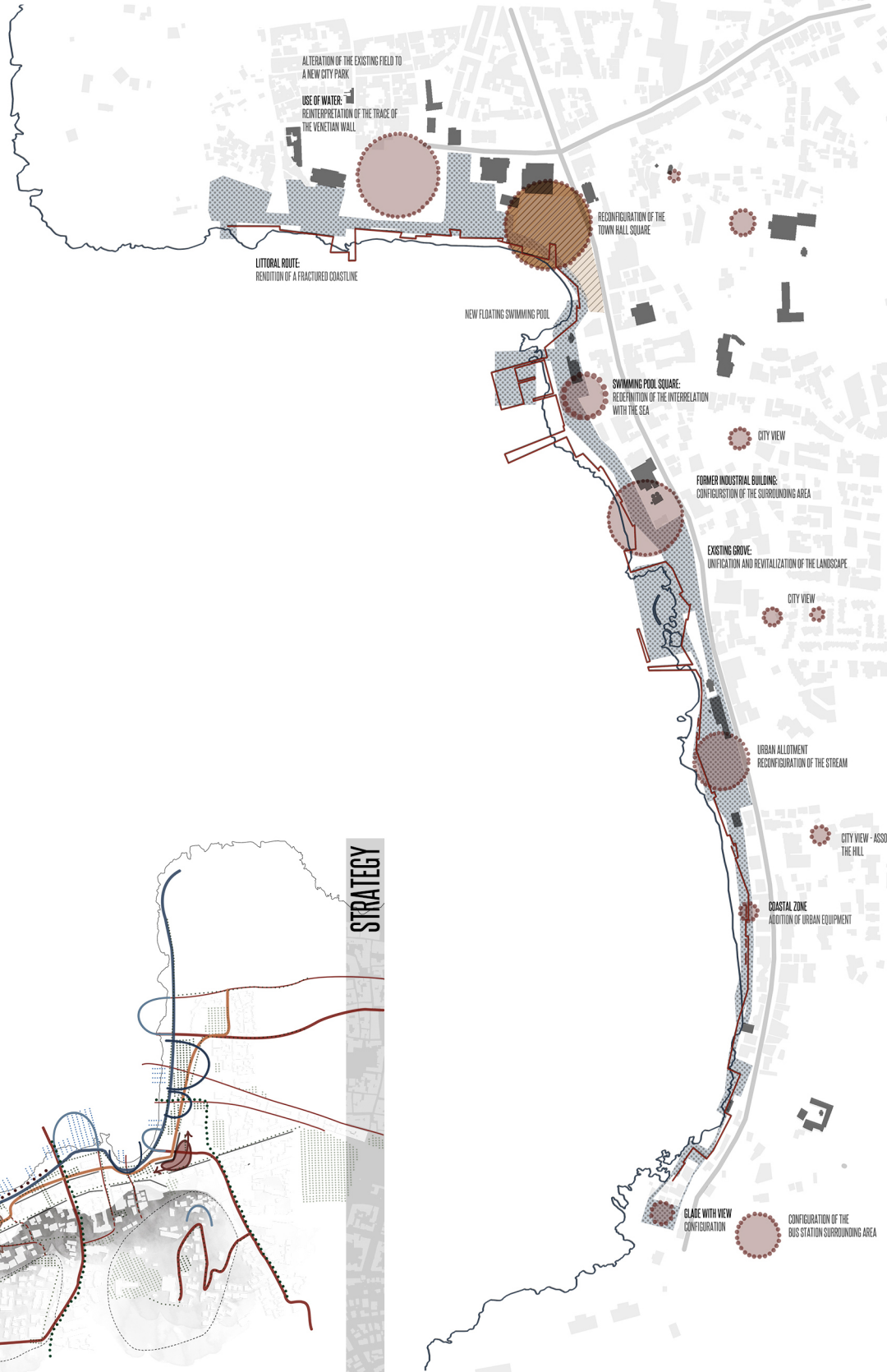
GREEN ZONES



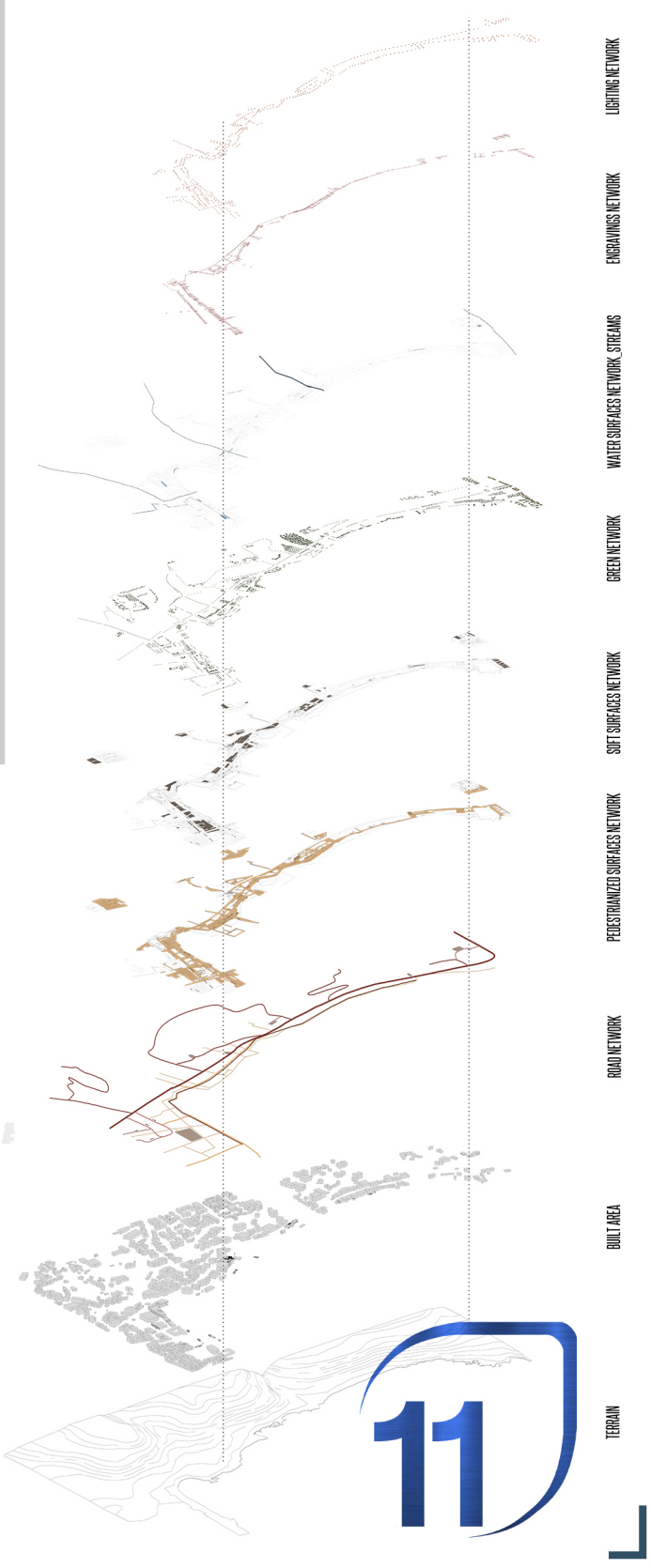
URBAN SPACE SECTIONS



STRATEGY

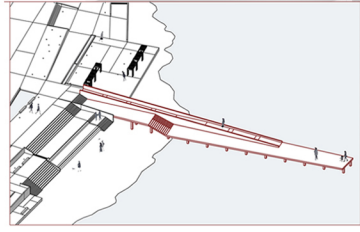
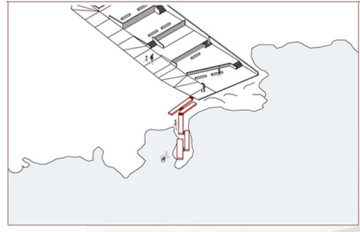
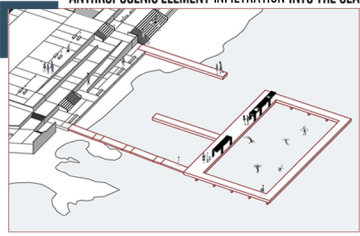


HANDLINGS | RELATIONSHIP BETWEEN NATURAL AND NEW COASTLINE | INTERVENTION CENTERS

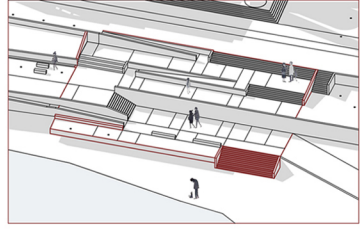


Lighting Network, Engravings Network, Water Surfaces Network, Streams, Green Network, Soft Surfaces Network, Pedestrianized Surfaces Network, Road Network, Built Area, Terrain

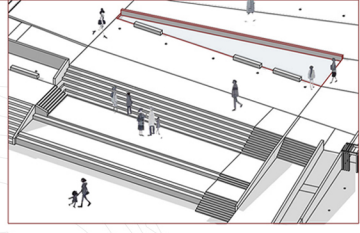
ANTHROPOGENIC ELEMENT INFILTRATION INTO THE SEA



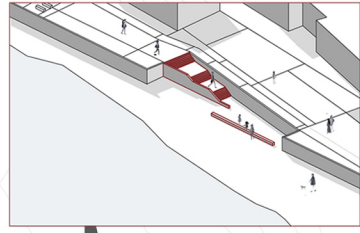
RECTANGULAR GEOMETRY SPACE



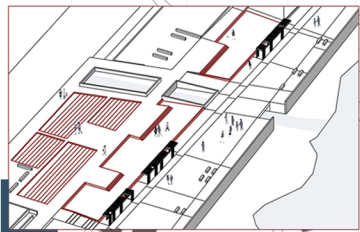
ARTIFICIAL WATER SURFACE



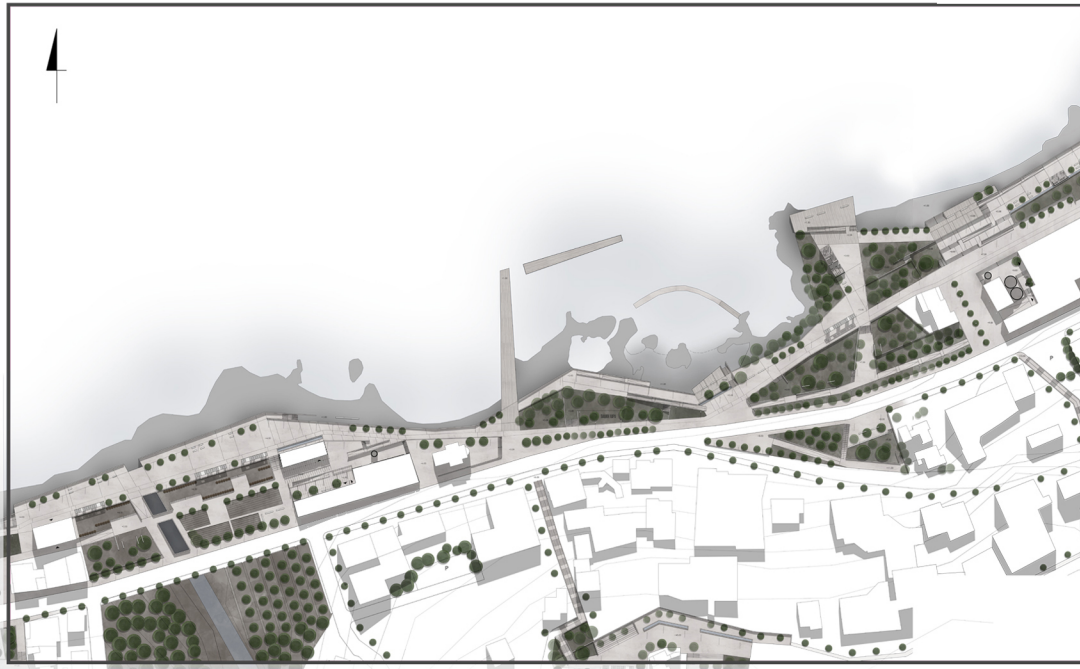
SEA ACCESS



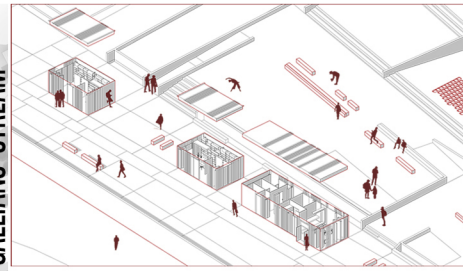
GREEN ELEMENT DIFFUSION



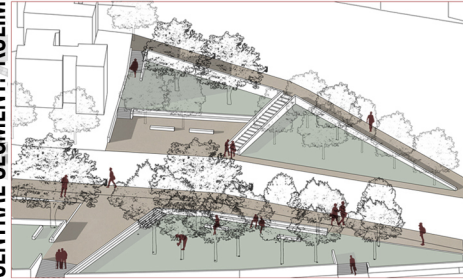
URBAN SPACE HANDLINGS



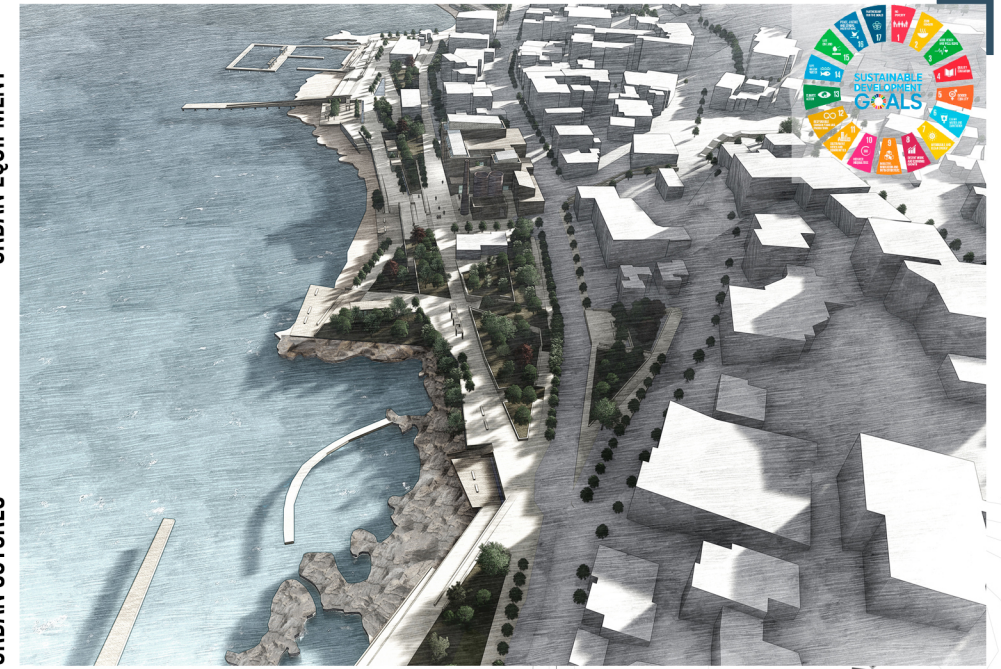
CENTRAL SEGMENT: KOLIMBA' GULF & GALLIANO' STREAM



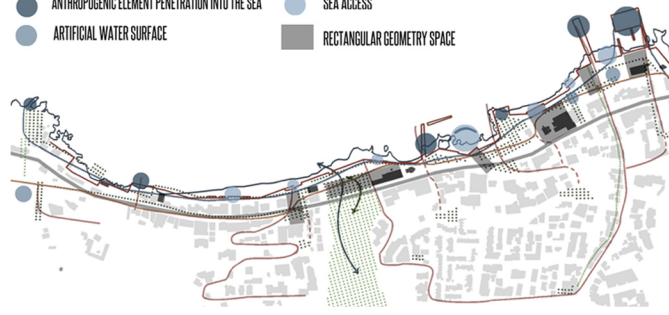
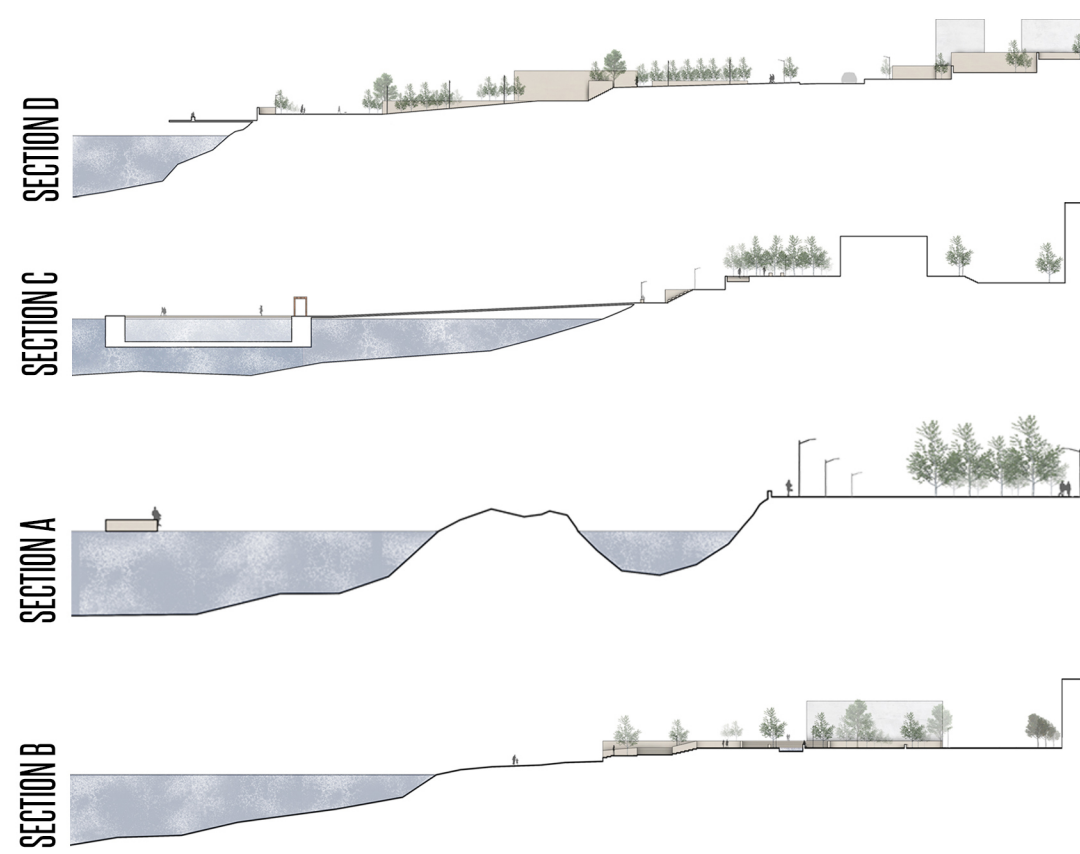
URBAN EQUIPMENT



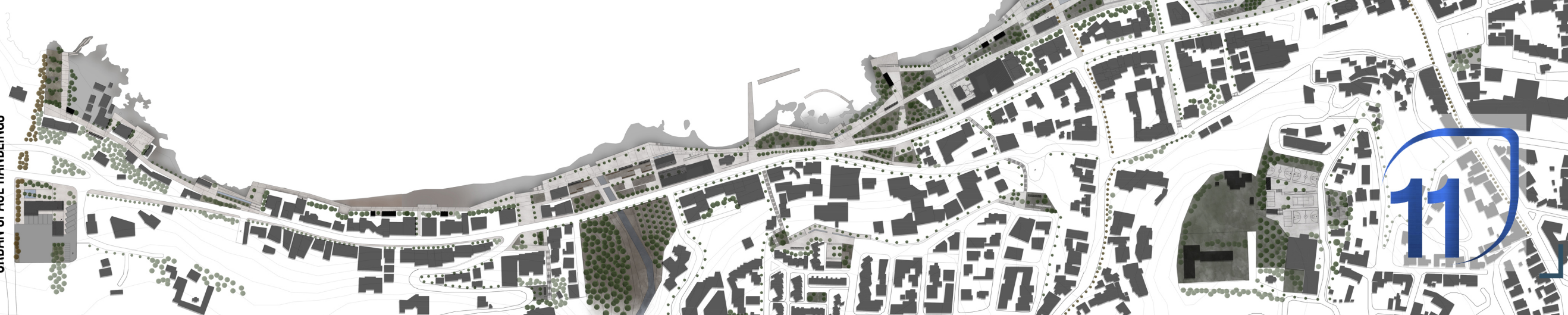
URBAN SUTURES

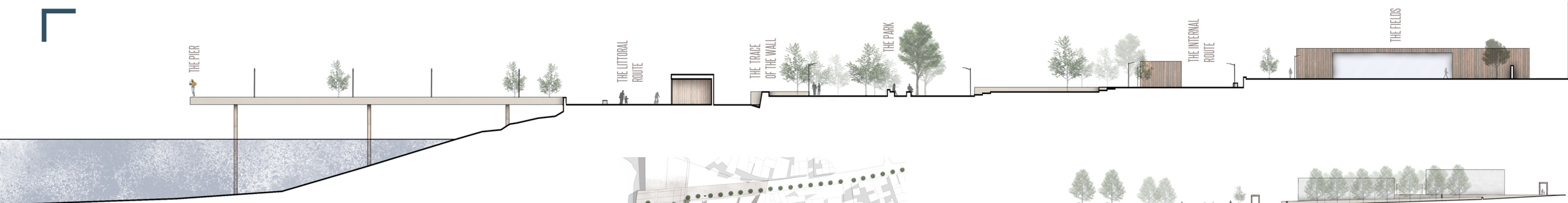


- ANTHROPOGENIC ELEMENT PENETRATION INTO THE SEA
- ARTIFICIAL WATER SURFACE
- SEA ACCESS
- RECTANGULAR GEOMETRY SPACE

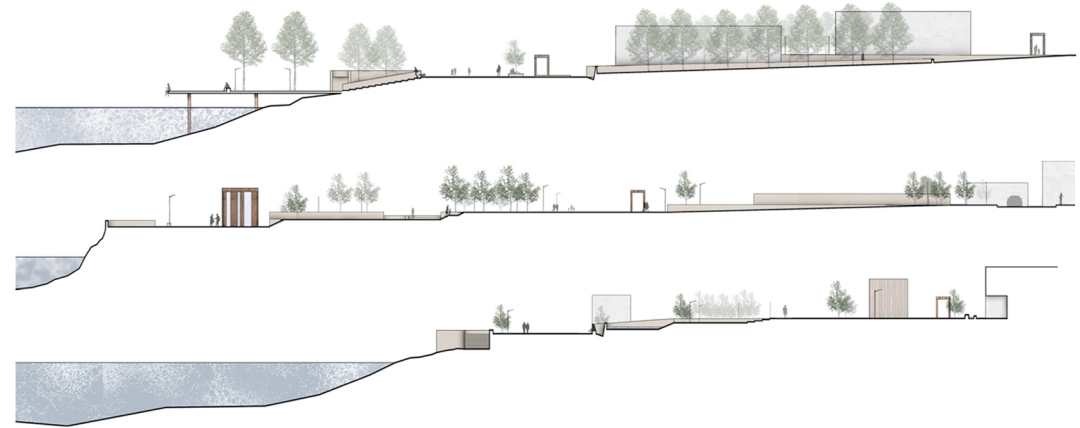


DESIGN STRATEGY





SECTION G



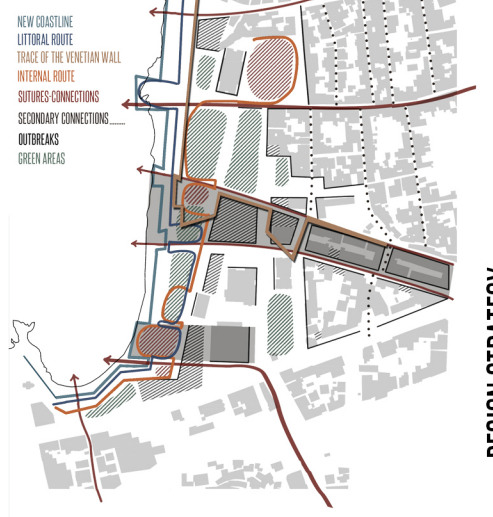
SECTION H

SECTION F

SECTION E



SECTIONS LEGEND



DESIGN STRATEGY

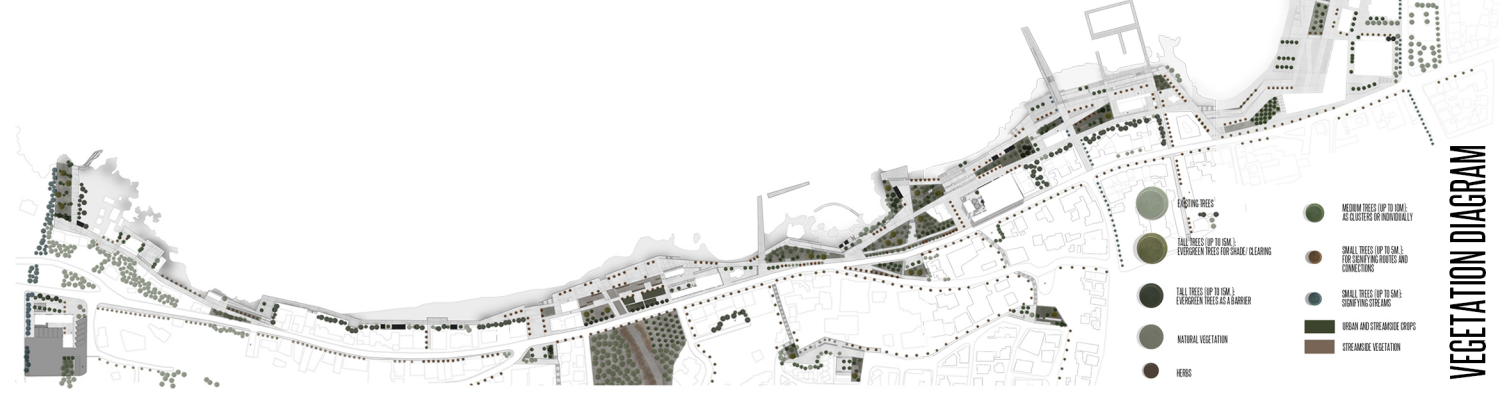


1651. M. Boschini, Venezia

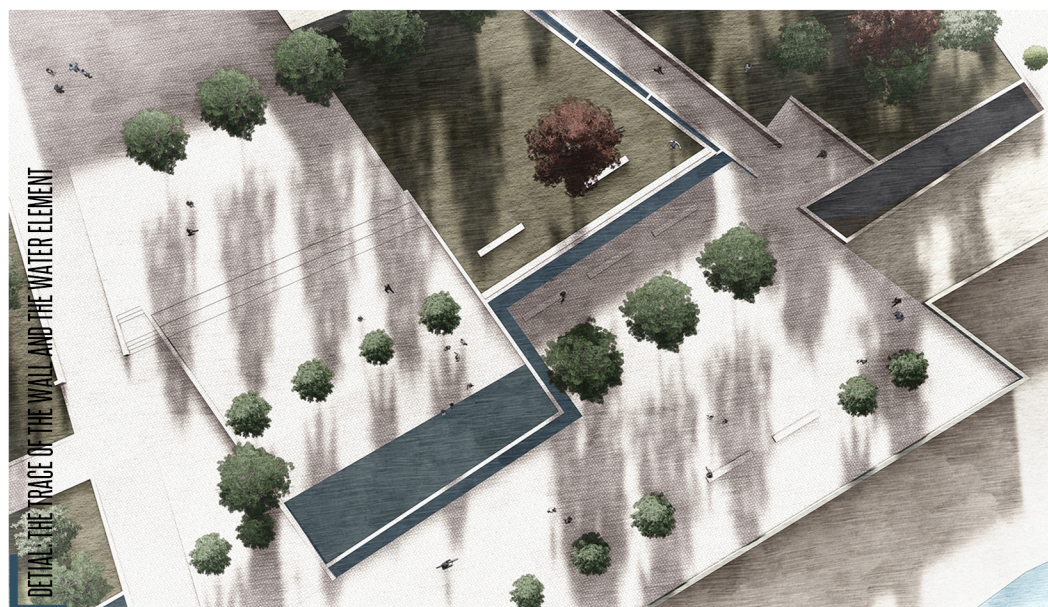
THE VENETIAN WALL



THE EAST PARK



VEGETATION DIAGRAM



DETAIL: THE TRACE OF THE WALL AND THE WATER ELEMENT

TALL TREES (UP TO 15M.)	MEDIUM TREES (UP TO 10M.)	HERBS
BARRIER - EVERGREEN	CLUSTER - DECIDUOUS - EVERGREEN	ROSEMARY
OLIVE TREE	FIG TREE	OREGANO
CAROB TREE	MORUS TREE	MENTH
LEMON TREE	POMEGRANATE TREE	BASIL
ORANGE TREE	TAMARISK TREE	SAGE
EUCALYPTUS	CAROB TREE	THORNY BURNET
OAK TREE		SPINY BROOM
PINE TREE	SMALL TREES (UP TO 5M.)	MARJORAM
SHADE - CLEARING - EVERGREEN	ROUTE - CONNECTIONS - DECIDUOUS	THYME
OLIVE TREE	ALMOND TREE	
EUCALYPTUS	JUDAS TREE	
OAK TREE	STREAMSIDE VEGETATION	
PINE TREE	BEACHGRASS	
	REEDS	
	ACANTHUS	

VEGETATION PALETTE

