

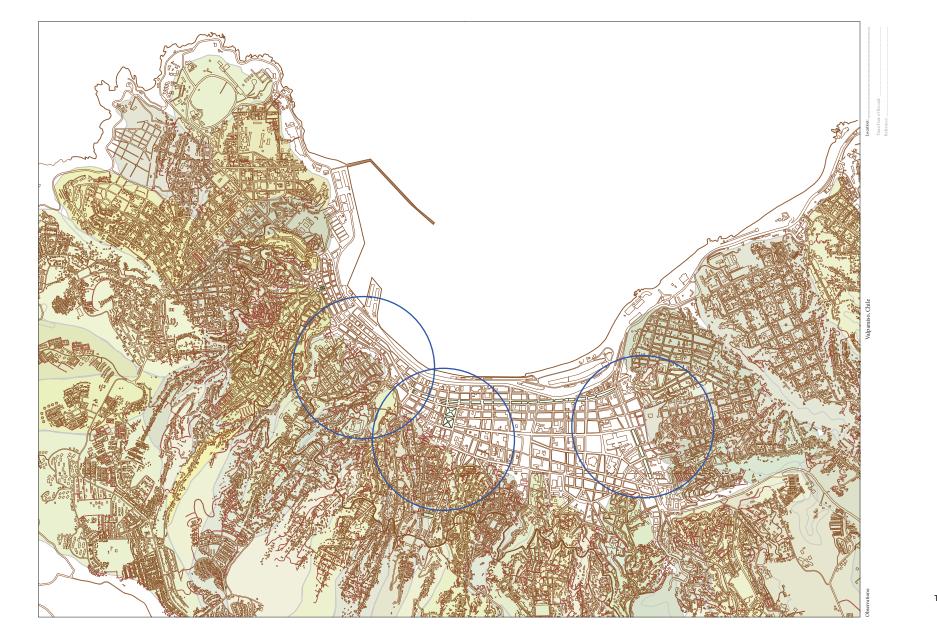
## A Marine Campus

Reclaiming Valparaíso's coastal edge

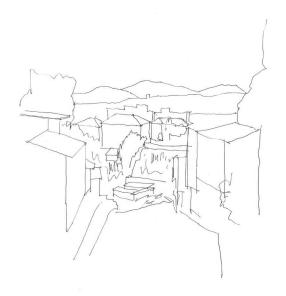
Max Gelibter P5 12 July 2018

Macro — meso — micro

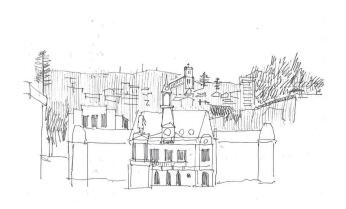
1. Fieldwork



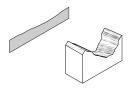


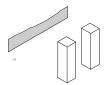






The Pacific Ocean is a near-constant presence in the city, acting as a datum and a locator/connector of neighbourhoods and places.





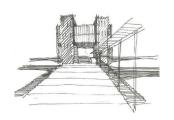




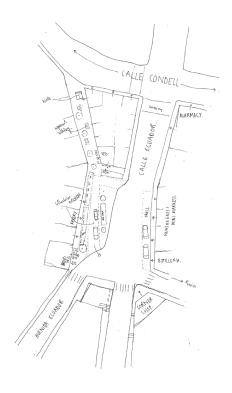




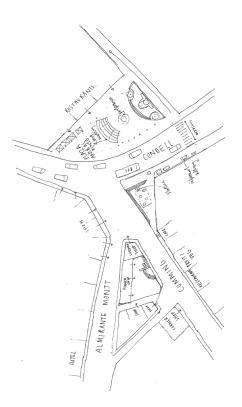










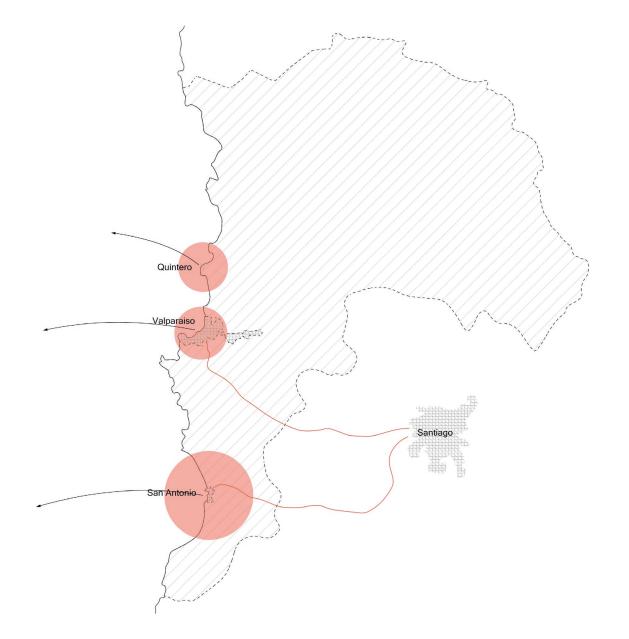




2. Context

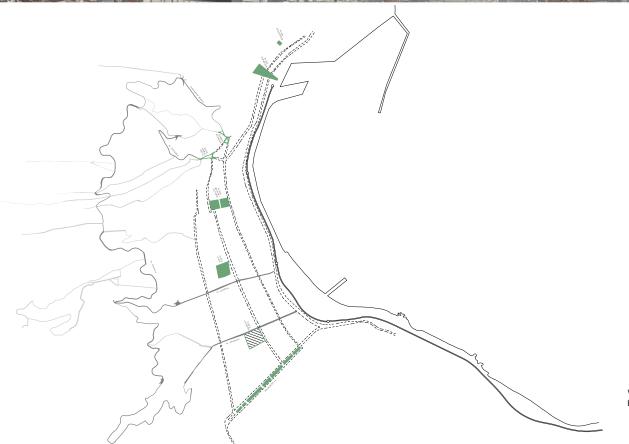
Pacífico — V Región — Barón



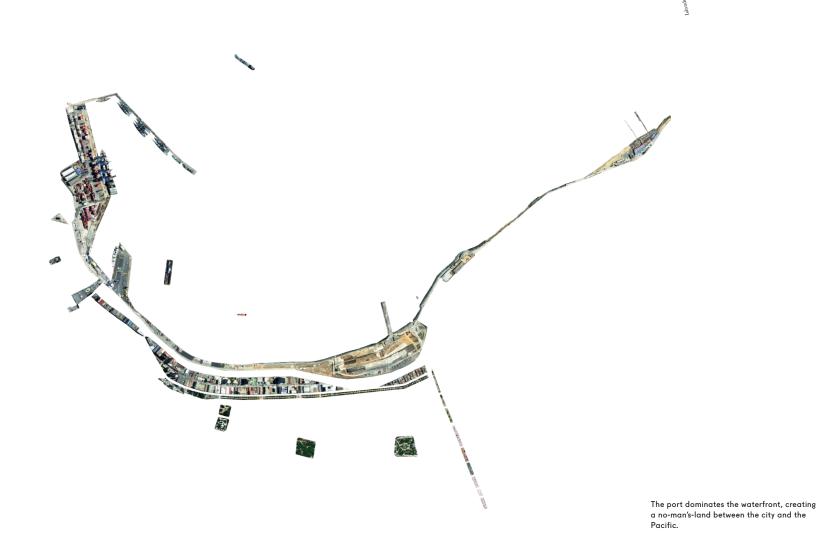


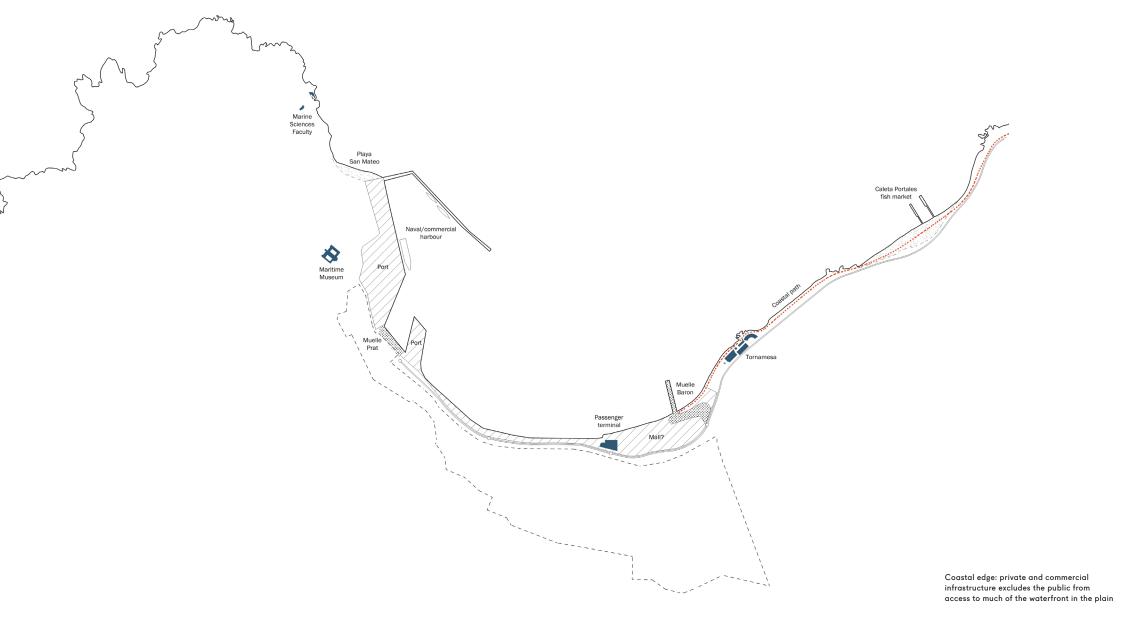


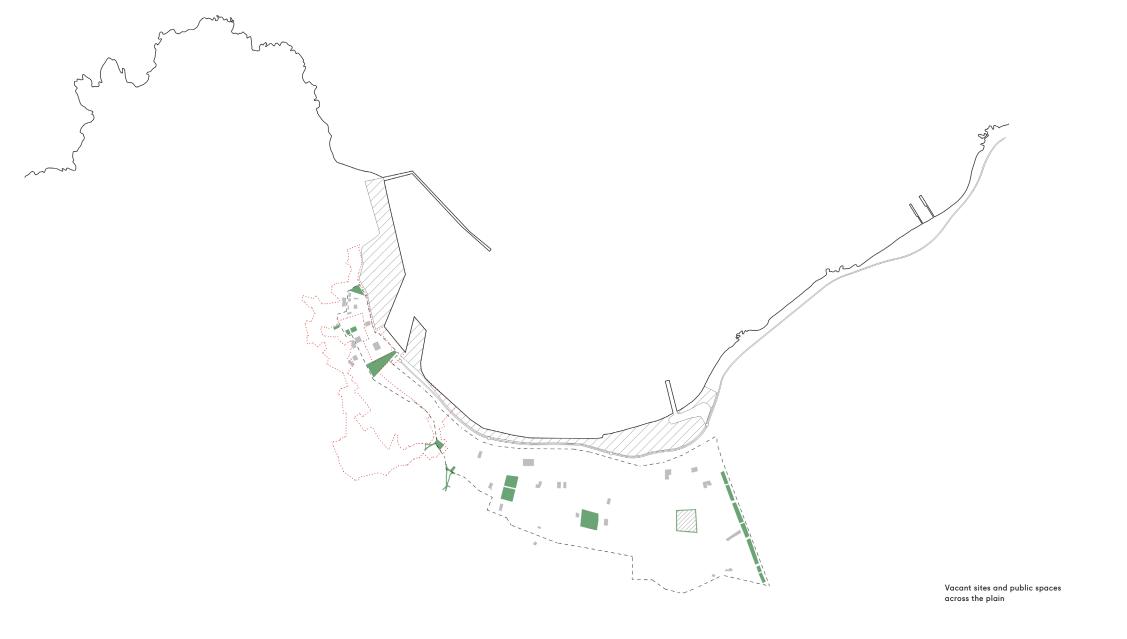


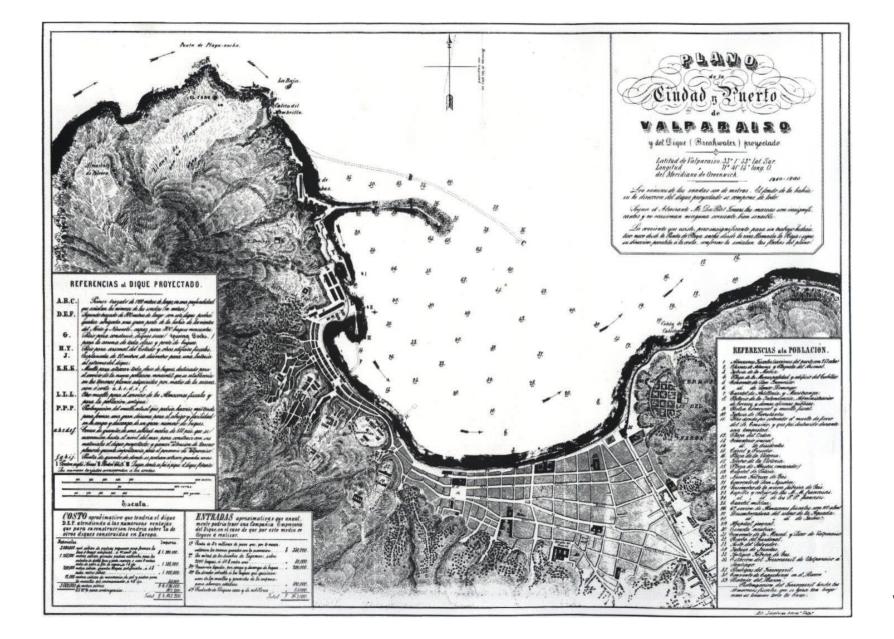


Vertical, lateral and transversal connections between hill, quebrada, plain and coastal edge

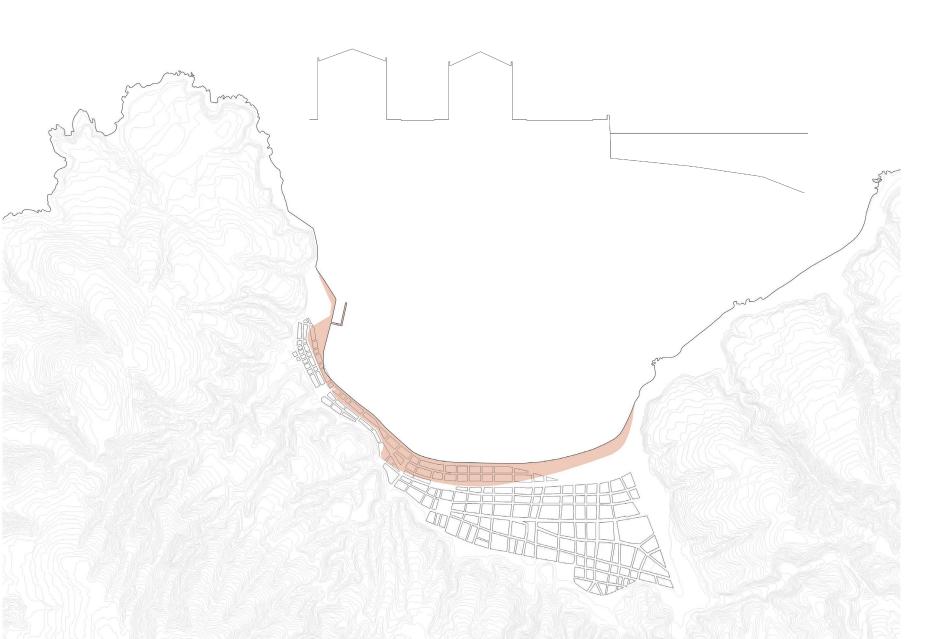


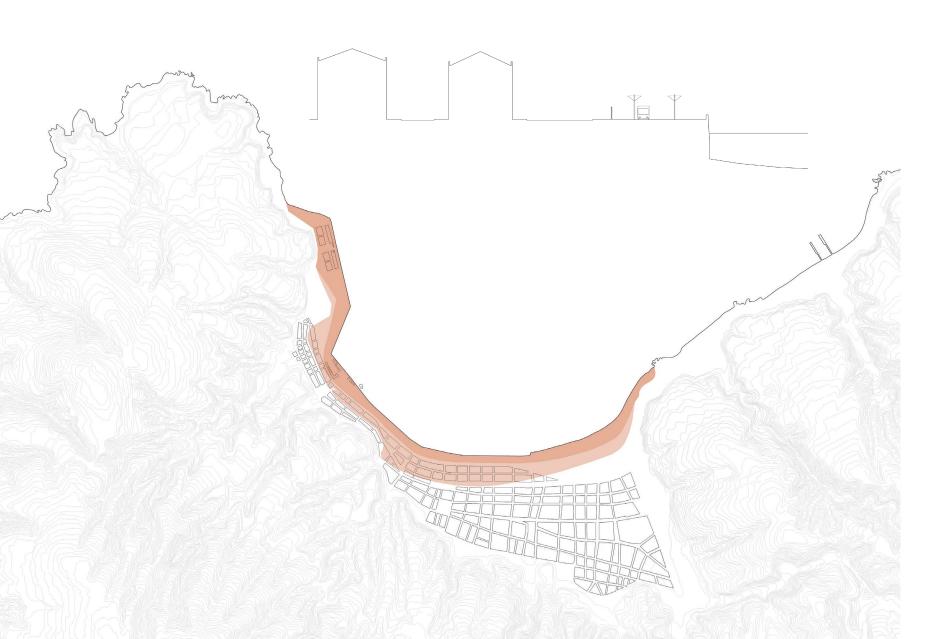


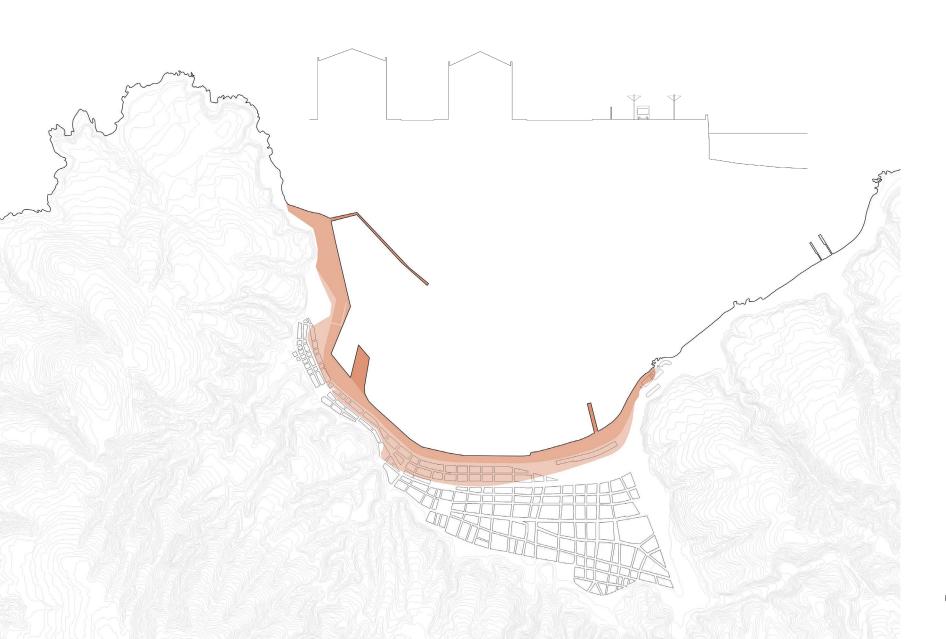


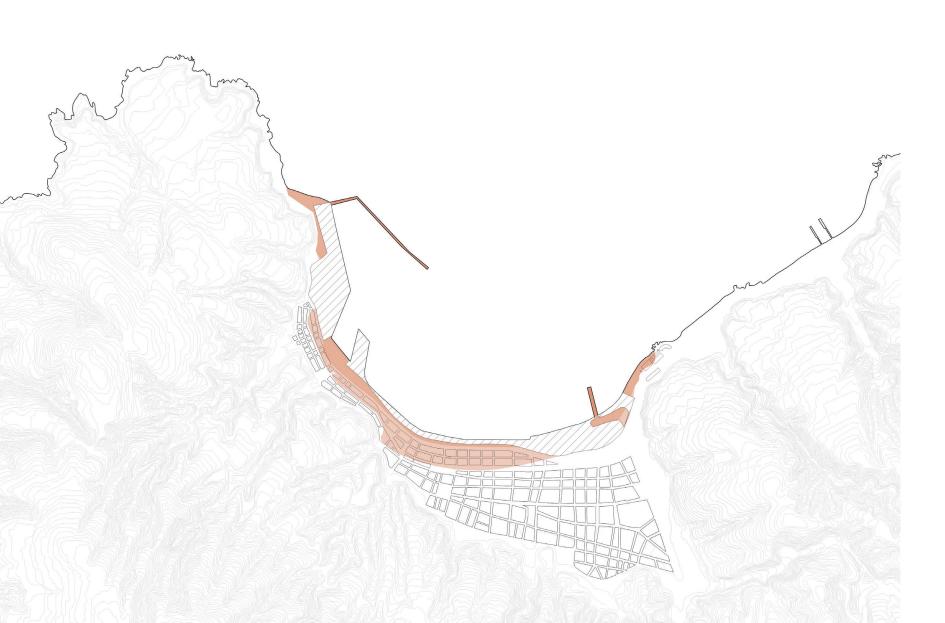


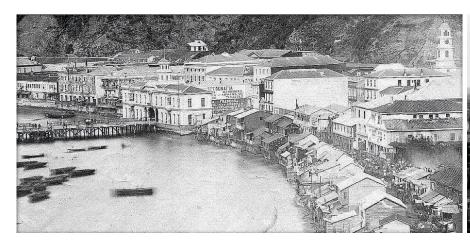








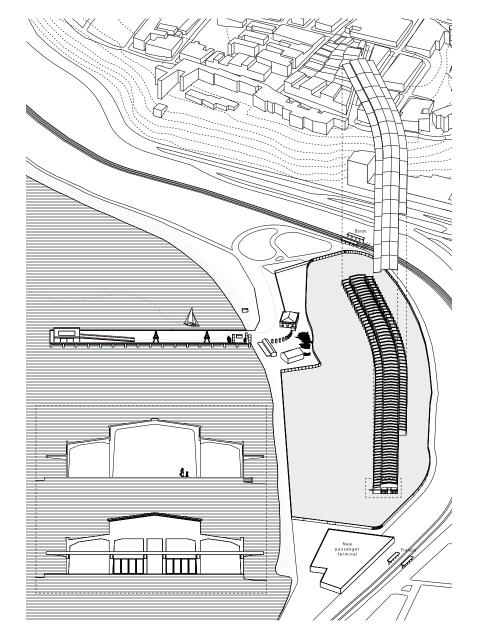








1863 1880s 1930s





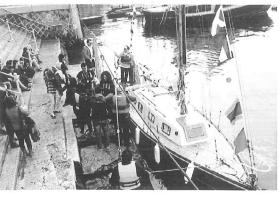


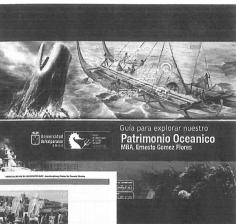


Marine landscape

3. Proposal









DIQUE VALPARAISO II +

algas marinas

Publication of academic articles

Laboratory research

Archaeological excavations

Research trips

Lectures and conferences

Artefact conservation

Shipwreck visits

Sea kayaking

Boat trips for school children

Exhibitions

Provecto reconstrucción y travesia ballenera



MULLE BARON

M.N. ALGARROBO

Naufragios variados

With the aim of stimulating the study and knowledge of our rich underwater cultural heritage, especially in the Bay of Valparalso, which is characterized by the high number of them, approximately 400 and dating over 50

years, is that CIDEO in a joint effort with the Office of Heritage of the First Naval Zone, the Captainty of Puerto de Valparaiso, the Explora Conicyt program, the companies Geosciences, Submar and Naveguemos, have developed of Berlin school in Valpara'so, as a reward for their participation in the Explora Conleyt program in Valpara'so in November 2016.

Recently, during the week of the 2017 Property organized by the Municipality of Valparaiso was explored with Mayor Mr. Jorge Sharp and management team of the municipality, Directors and Directors of Tourism, Heritage, and Culture, Councilors and team of the City Hall Cabinet. This experience consisted of visiting the Emerald Battery and the Volunteer Barracks of the Lifeboat of Valpara's

receiving brief historical expositions and near the available technologies to study shipwrecks remotely. Then the

The navigation was accompanied by historical exhibitions developed by monitors from the School of Management in Tourism and Culture of the University of Valparatso, who developed the story of the events and

the history of the missing vessels. All this supported by images of the bathymetries of shipwrecks, location charts

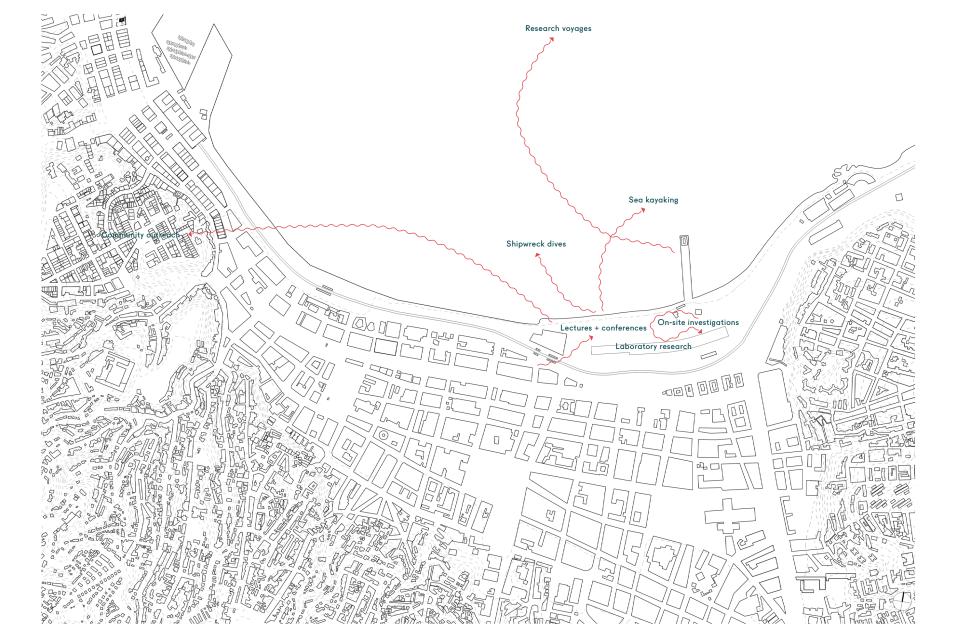
significant wrecks for the history of our country.

MBA Ernesto Gómez Flores Director Interdisciplinary Center for Oceanic Studies Architecture faculity, University of Valparaiso, Chile

**BIOLOGÍA MARINA** 

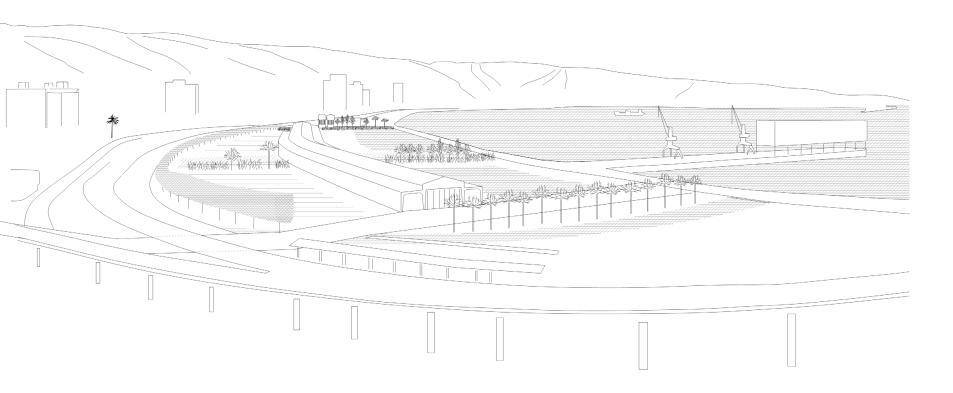
En 1953, el Conseio Universitario de la Universidad de Chile determinó la creación de un curso de Biología

Estudios conducente al titulo profesional de Ridinan Marina. Las asimusturas fueros dictudas en esa misma Biología Marina de la misma universidad, en Montemer, Viña del Mar, actual Facultad de Clencias del Mar y de les como zonas subtropicales, polares e insulares, que abarcan desde la costa hasta erandes profundidade: vestigaciones orientadas a la conservación y el manejo sostanible de este patrimonio natural. La disponibilida le incorporarse al mundo laboral, sobre la base de las competencias profesionales que ha desarrollado durante su formación, Además, puede desarrollar actividades de docencia e investigación en instituciones públicas y

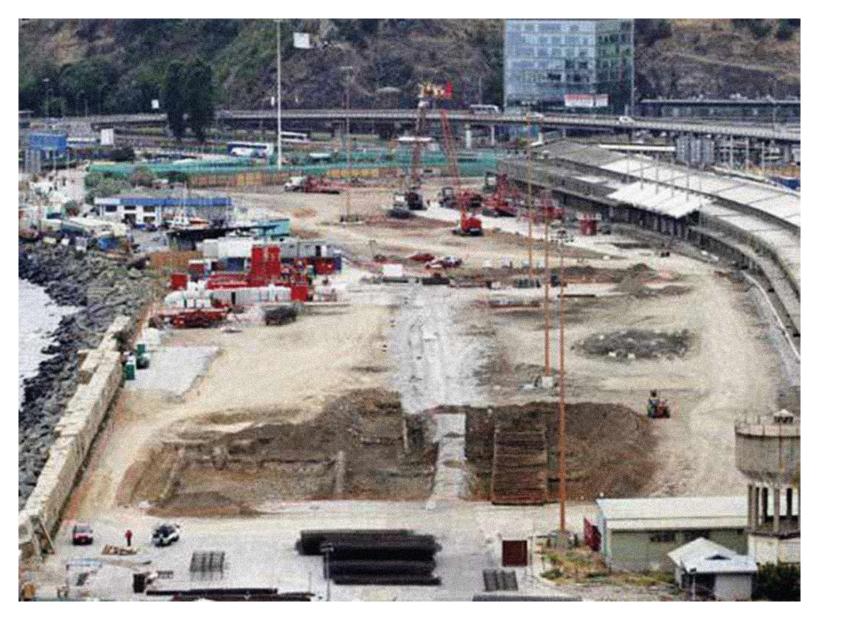


1.1	1.2	2.3	2.4	3.5	3.6	4.7	4.8	5.9	5.10
Marine Biology	Marine Biology	Planktology	Nectology		Benctology	Ecology of Marine Communities		1	
Physical Oceanography  Marine Physics				Physical Oceanography	Physical Oceanography	Waves & Tides	Hydrography	Oceanographic Engineering	
Physics, Mathematics & Statistics		Physics: Mechanics	Physics: Heat & Waves	Statistics	Fluid Mechanics				
Mathematics	Mathematics	Calculus	Advanced Calculus	Advanced Calculus  Differential Equations					
Marine Geology					Geology	Marine Geophysics	Oceanographic Geology	Coastal Processes	
Marine Chemistry		Chemistry	Organic Chemistry & Biochemistry	Analytical Chemistry		Oceanographic Chemistry	Oceanographic Chemistry	Marine Pollution	
Introduction to Oceanography			English	English	English	English	Investigation Methodology	Degree Seminar	Degree Seminar
Complementary study									Management of Coastal Areas





4. Process



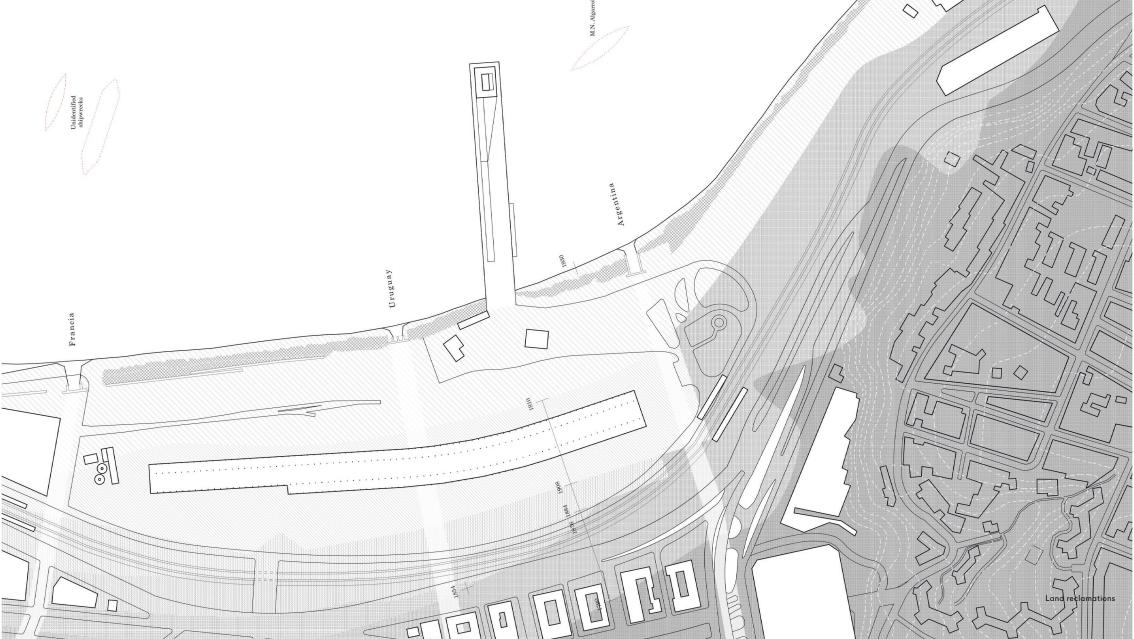
Tabula rasa, literally "scraped tablet," from which writing has been erased, thus ready to be written on again.

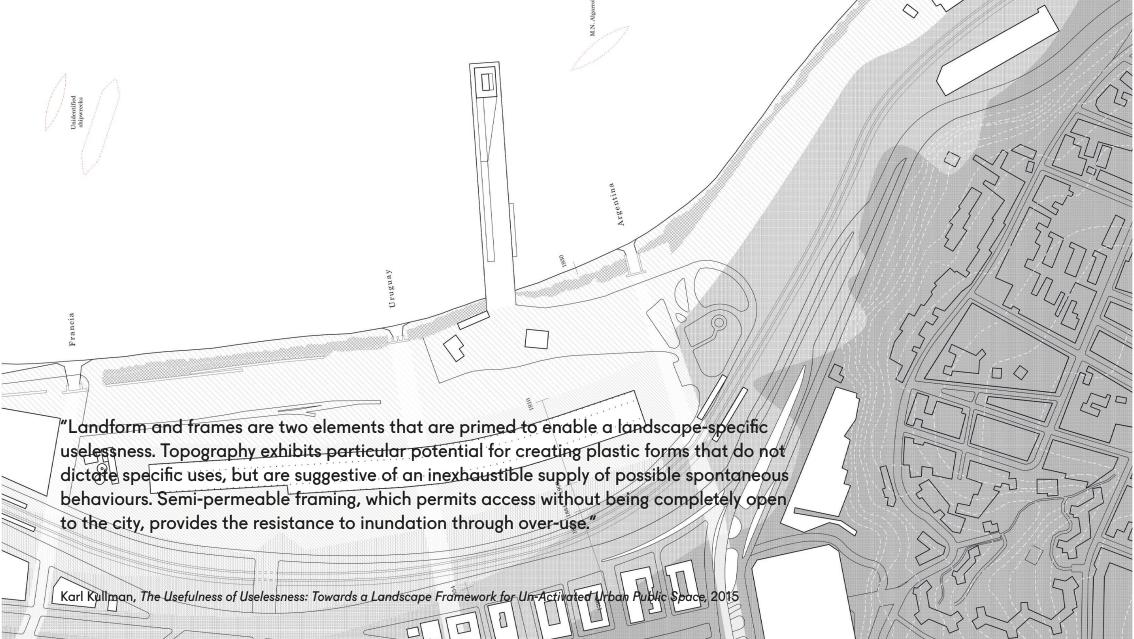


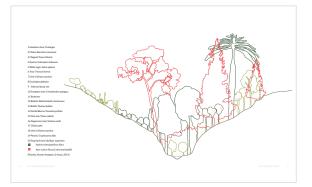


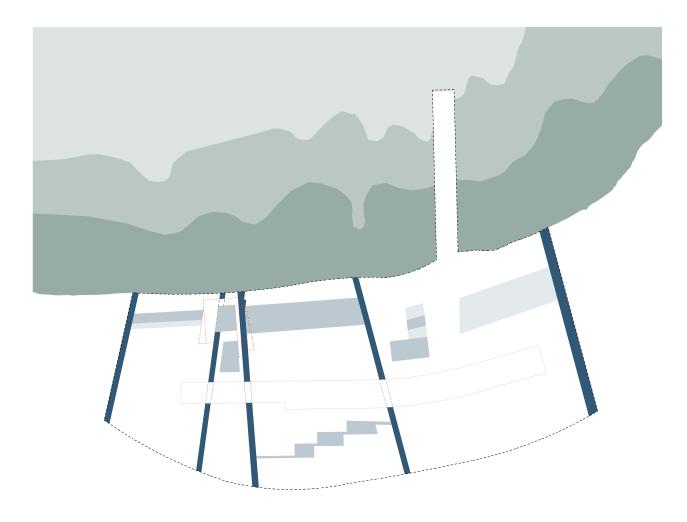
Culverting of streams

"The skin of the earth consists of layers with various properties: constant flux, unpredictable behaviour, inexhaustible diversity, and incessant rise of new features[...] The world is a viscous body with a thin crust; this crust forms the physical ground in our lives[...] Architecture is a partly indicative, party mimetic expression of our relationship with this skin and the mental models we make of that relationship. The form of this expression ranges from that of a surgical operation upon the skin to a substitution for this skin. The edge of the skin is the horizon."

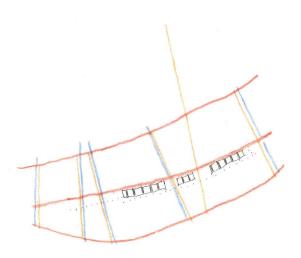


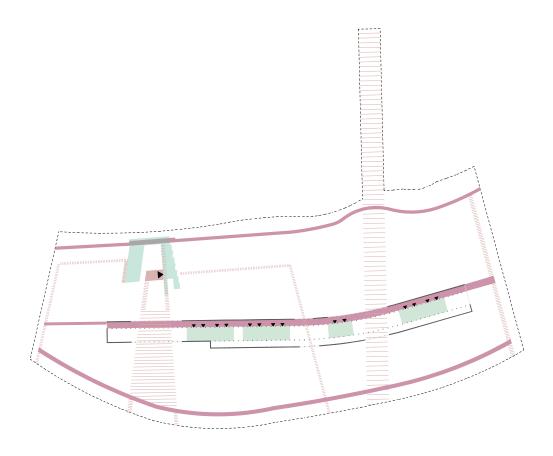


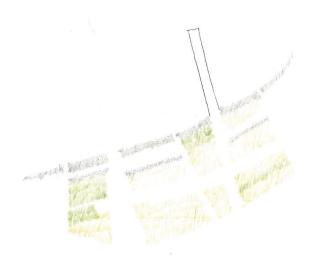


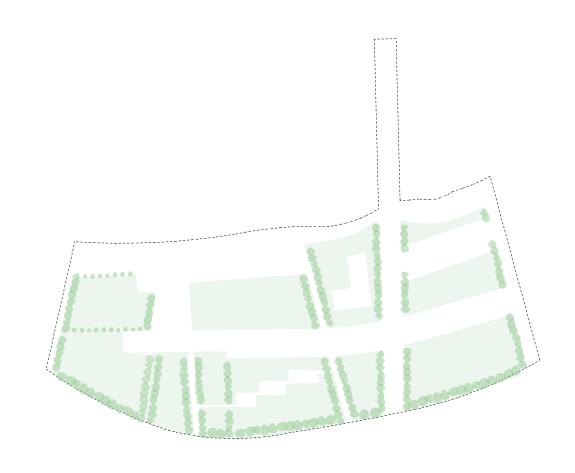


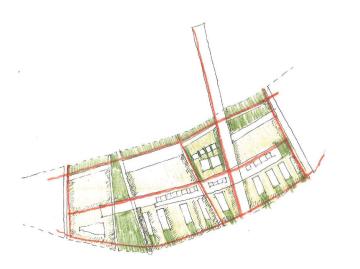
Quebrada channels, freshwater and tidal marine pools intersecting with warehouse and faculty

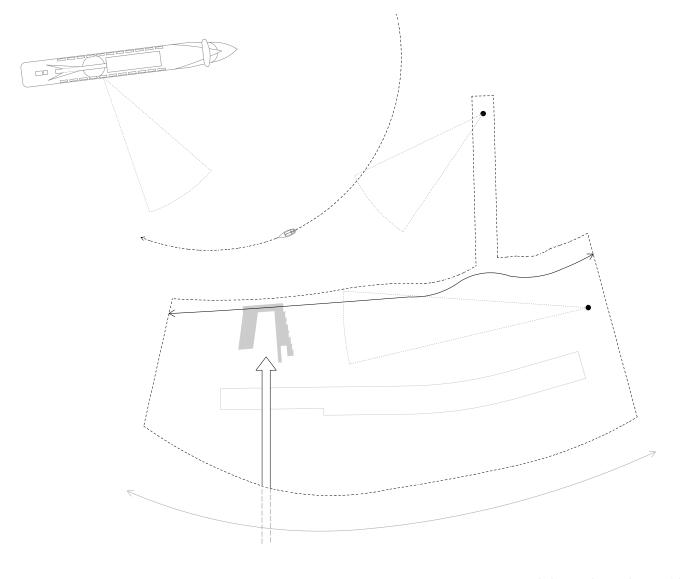


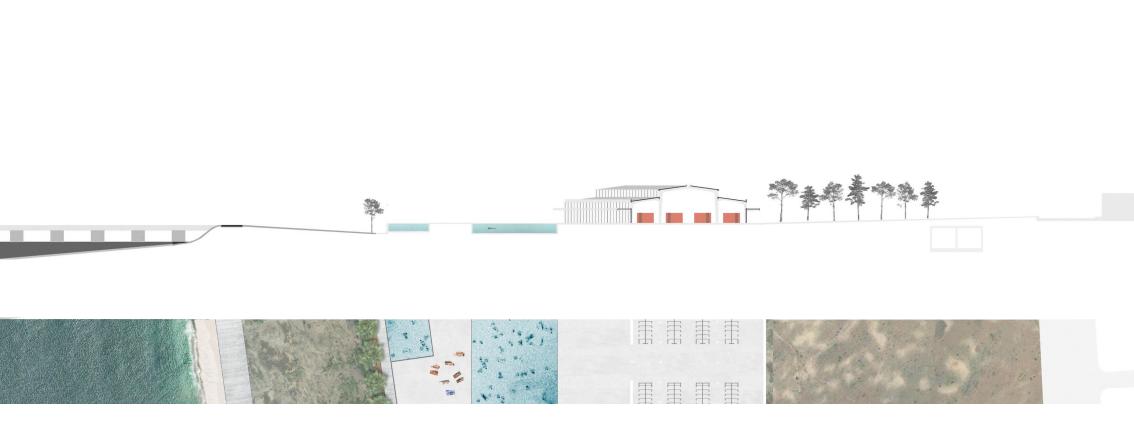










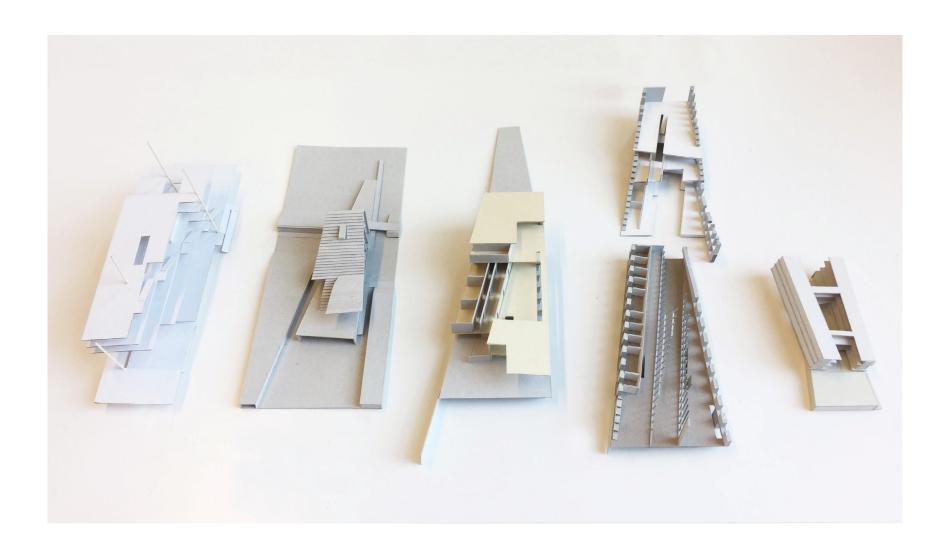




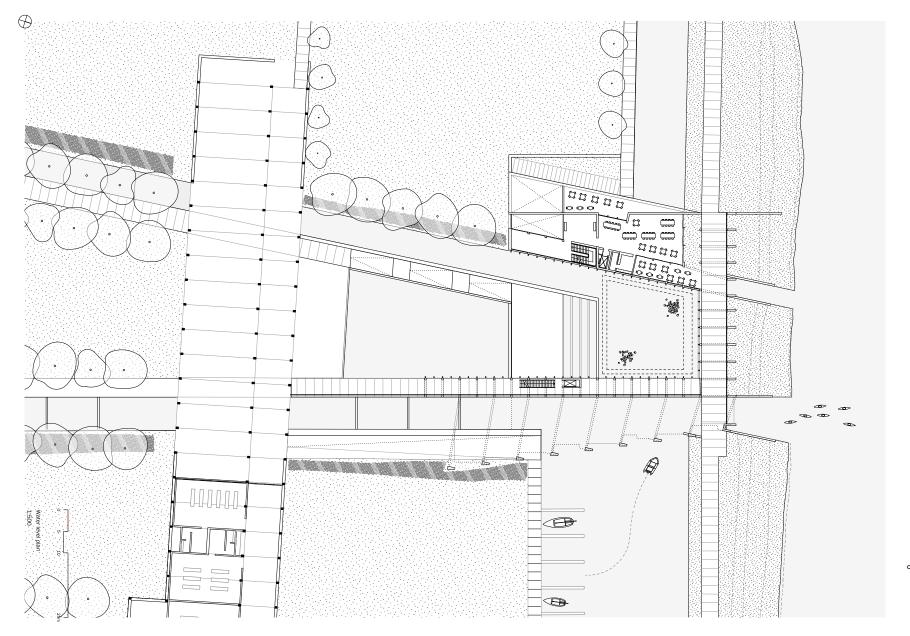








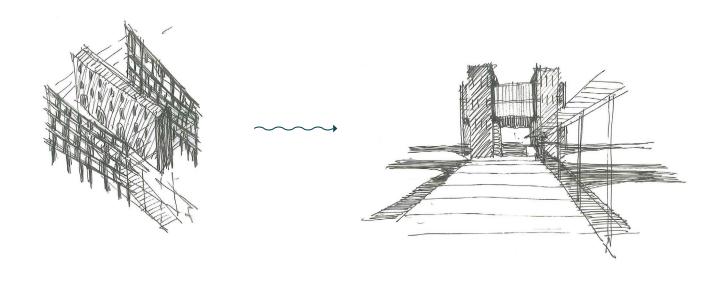




Siting at the confluence of two quebrada streams; interacting at different levels with fresh and saltwater pools

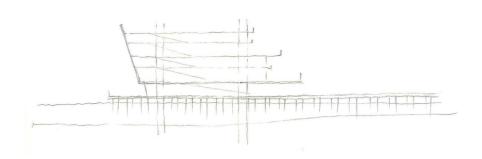


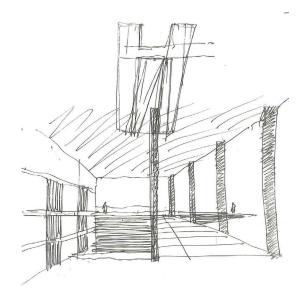
Spatial integration with the warehouse, which forms the fourth wall of a new water square

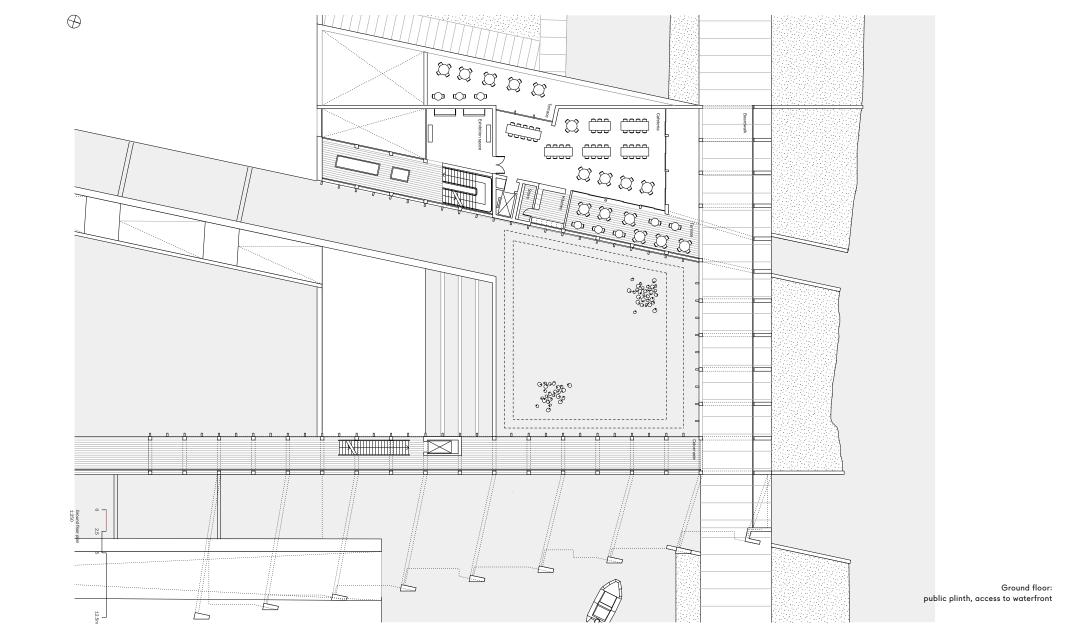




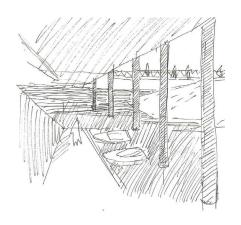


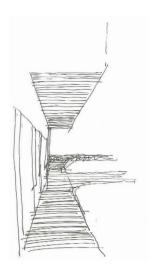


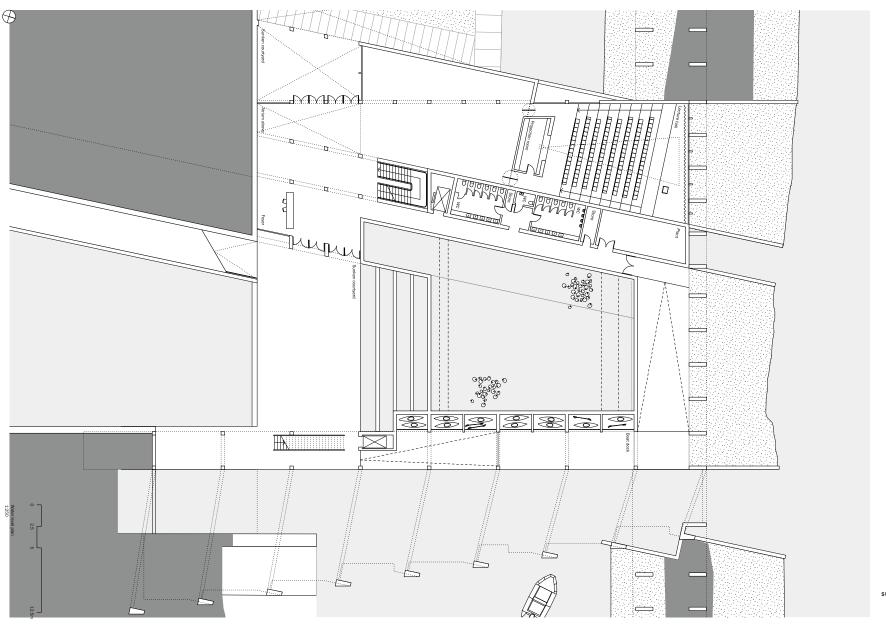




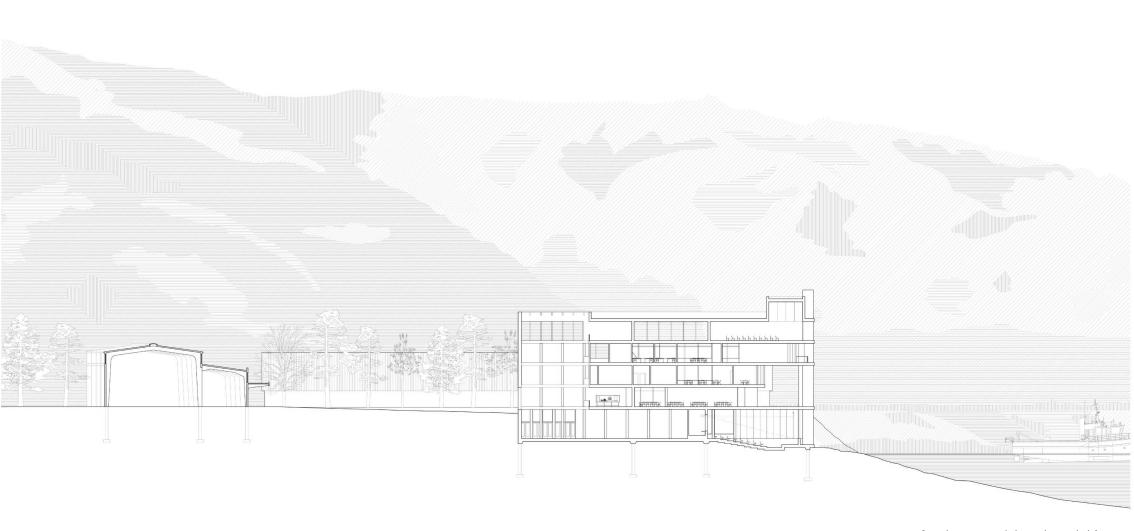




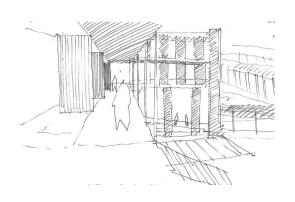


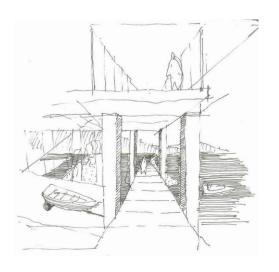


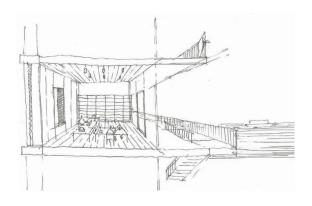
Lower water level: sunken pool and lecture hall

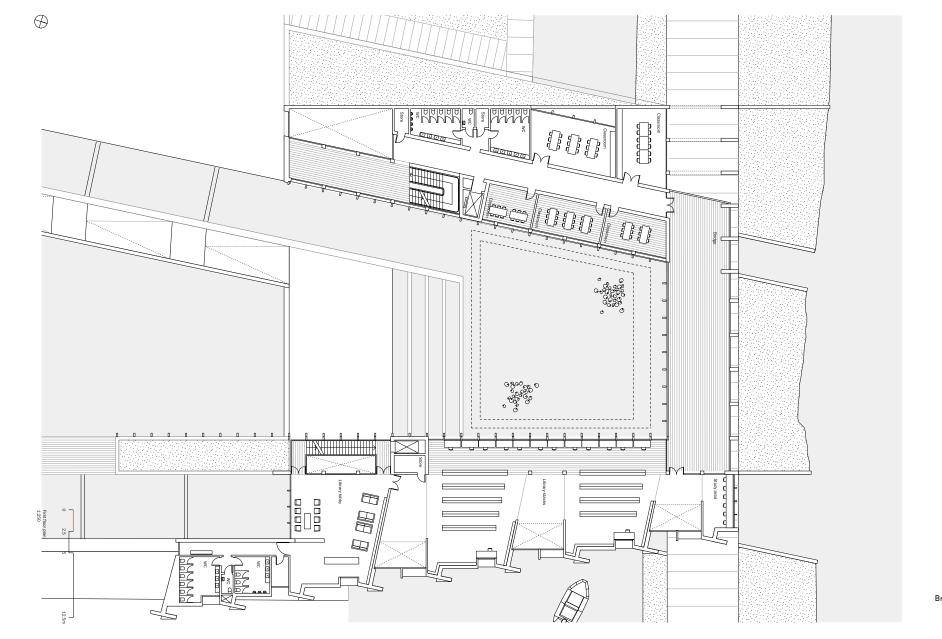


Spatial integration with the warehouse, which forms the fourth wall of a new water square

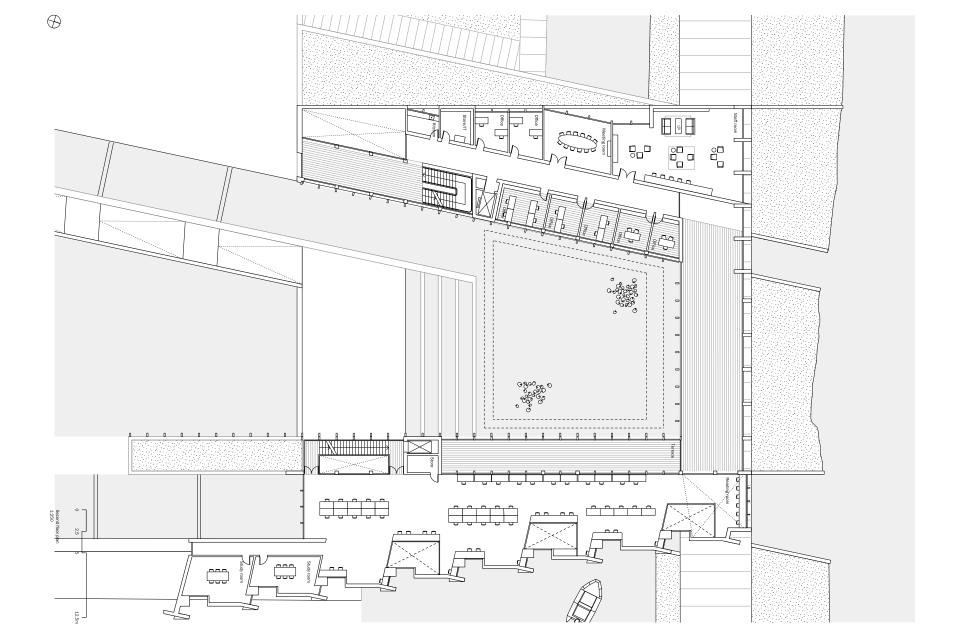


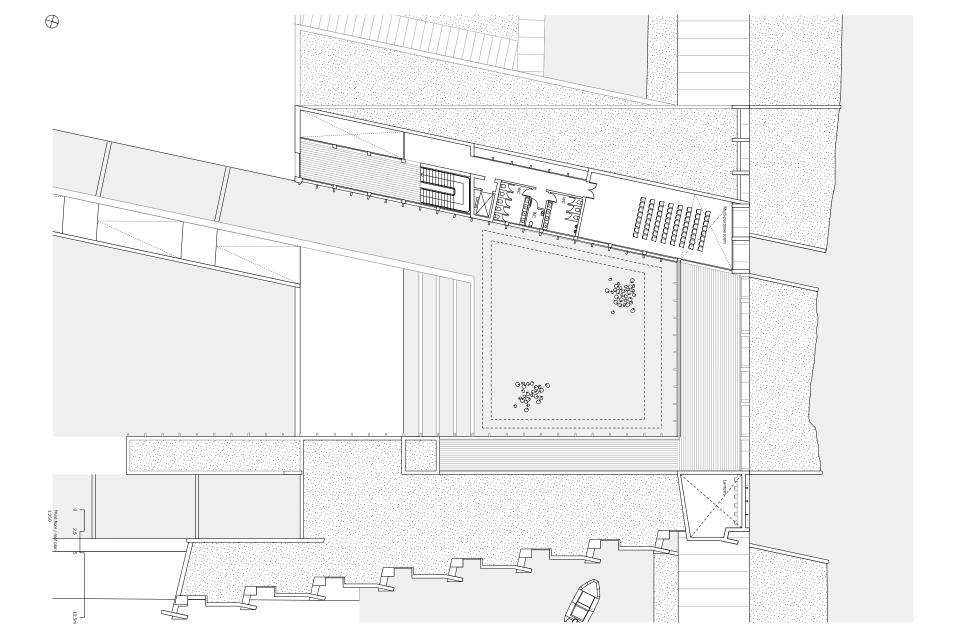


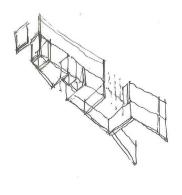




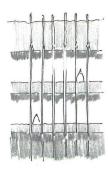
First floor: Bridge between blocks



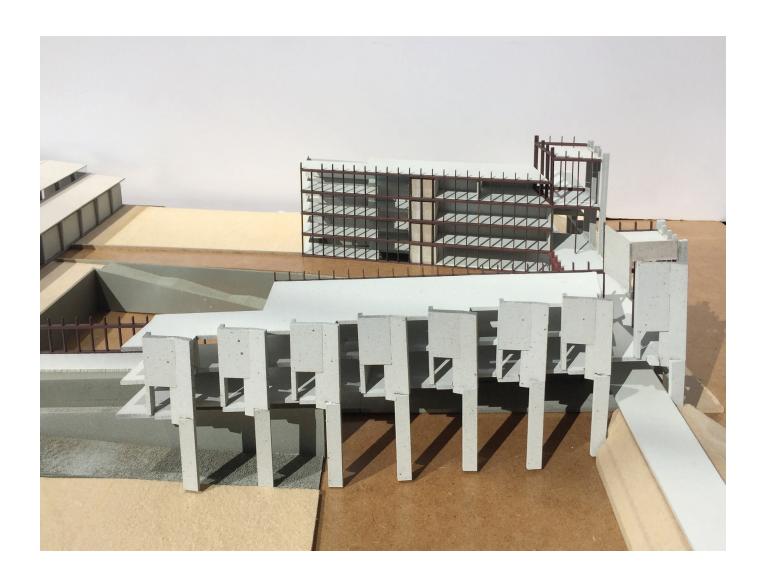














Stepping down to meet the water; rising up to face the ocean

