

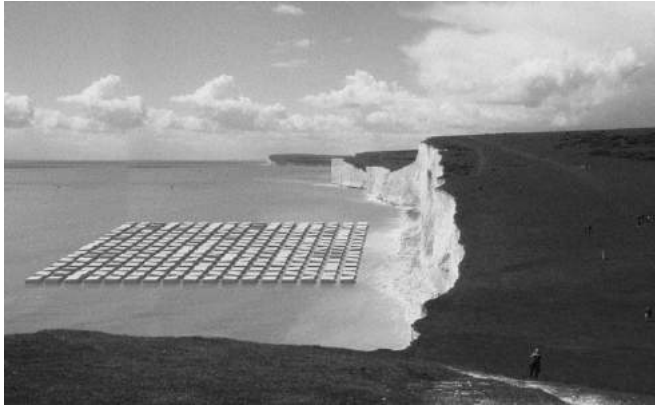
## Mestrado Integrado em Arquitectura + Urbanismo

Laboratório de Projeto IV e V • 4.º ano • 2021/2022

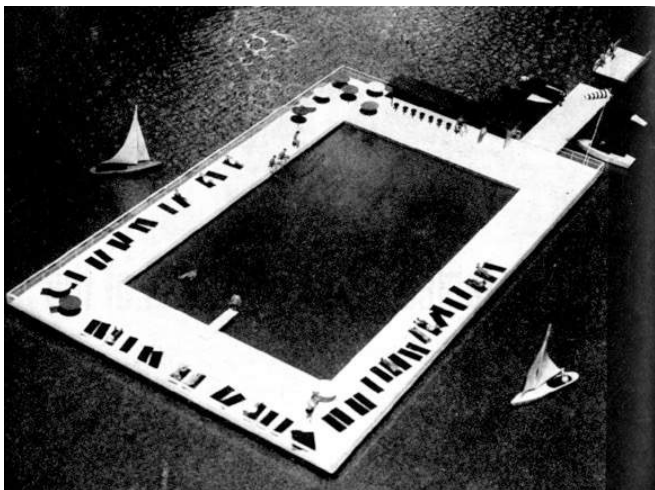
Turma MIURB4A • Prof. Sérgio Barreiros Proença

# water, form and project

the transformation of Quarteira's margin



NICOLAS K. FELDMAYER, *Albion* 2013-2014.



EDUARDO ANAHORY, *Projecto de praia-piscina flutuante*, 1968.

*I want to speak the architectural language that belongs to that place and resonates with its time.*

**Peter ZUMTHOR & Mari LENDING [ 2018 ]**  
A Feeling of History

*The sea is a place: instead of considering the ocean as a boundary or a space of confrontation, we can and must reimagine it as a partner in the construction of the land.*

**Miguel FIGUEIRA & André TAVARES [ 2020 ]**  
Our Land is the Sea  
The sensitive construction of the coastline

**:: context**

The city of Quarteira and the effects of sea level rising:

The sea as a dynamic element and the city as the result of sedimentation and metamorphosis;

The thickness of the urban margin between land and sea.

Pratia de Quarteira, 1950-70  
in Jornal Público, 19 de Julho 2019



ARTUR PASTOR, 199-. [ PT/AVILSB/ART/030137 ]



[ SIPA FOTO:FG.0002091 ]



ARTUR PASTOR, 1960-65 [ PT/AVILSB/ART/009467 ]



ARTUR PASTOR, 1955-70 [ PT/AVILSB/ART/011402 ]



ARTUR PASTOR, 1943-70 [ PT/AVILSB/ART/010479 ]

Expected climate change impacts on the Portuguese coastline urge a transformative action on urban waterfronts. In this context, it is proposed to question through the project, at different scales, how the metamorphosis of the urban margin of Quarteira in face of the expected rise in sea level and effects of coastal erosion can participate in the construction of the *material urbanity* that Manuel de Solà-Morales defined, through exploration of an idea of *relational architecture*, in continuity with the *locus* physical memory.

**:: theme**

Draw the permanence and imagine the transformation in a scenario of uncertainty:

Design the transformation of the public space on the seafront in continuity with the inherited city;

Ordering the memory of architectural and urban elements facing climate change effects;

Intertwin [*entramar*] the form of permanent elements and the temporality of ephemeral elements.



TIBERIUS VILLA, SPERLONGA, 14 A.D. [Michele Stelantile]



LEÇA SWIMMING POOL, A. Siza, 1966 [Fernando Guerra]



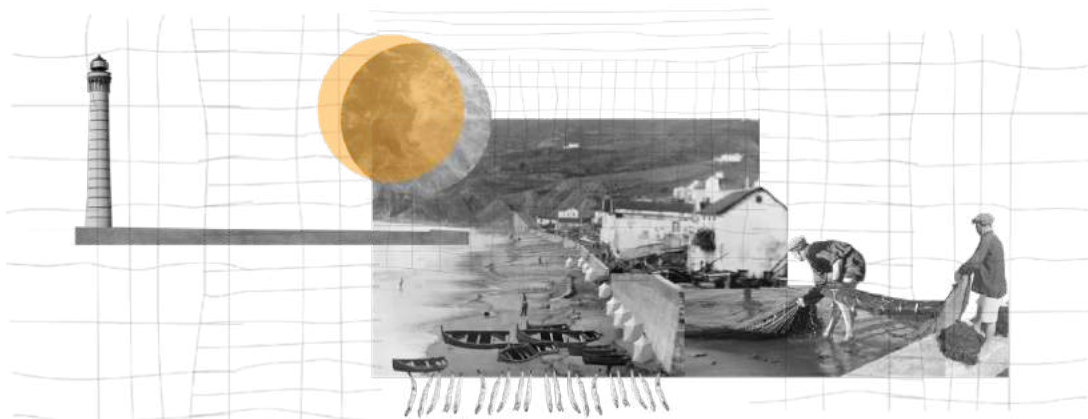
PEACOCK YACHT HOUSE [Rick Tague]



CASAS DE FATO, BUARCOS [CEIMAF Archive]

Water, form and project constitutes the triad which will lead to the interpretation and design of the urban margin transformation.

We aim to explore the importance of physical mater which carries the memory of the space and allows the continuity of city legibility. Support of the temporal needs of successive *civitas* generations which appropriate the *urbs* in time. The definition of spatial qualities which resist the test of time, its form and the control of its ambiguity, understood as the ability to adapt the limits of public space to different uses and occupations in time, both linear and cyclic.



CRISTIANA MONTEIRO, *Entramar*, 2021.

## :: design programme and structure

The design exercise departs from a synthesis between the site interpretative reading and the architectural and urban culture. Enriched by research and debate, it is explored a vision of the city which articulates theory and practice, reading and project, from the answer to a set of sequent stages with the aim to build the material urbanity of the spaces intertwined with the sea.

### READING

The decoding of the seashore natural and anthropic imprints and fragments. The interpretation of the territory as a base for a *relational architecture* in the construction of the place.

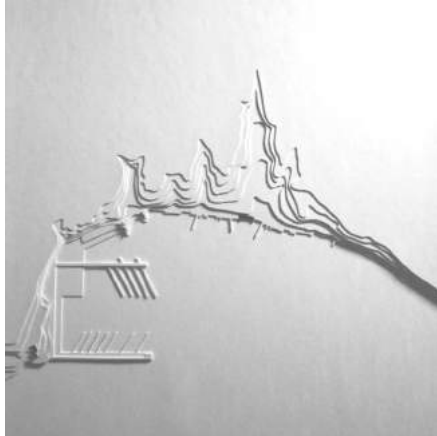
### CONCEPT

The systematization of an atlas of significant *architectural elements* and the formulation of the urban project strategy.

[ sea; sand; stone; wall; ramp; pier; seawall/breakwater; boat; net/grid; tower/lighthouse; shelter; street; square ]

### PROJECT

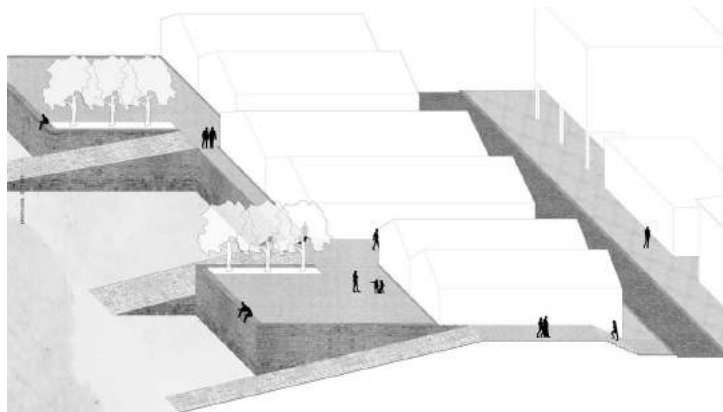
The design of urban architecture at different spatial scales and temporal dimensions, significant for the *material urbanity* of the of the seafront.



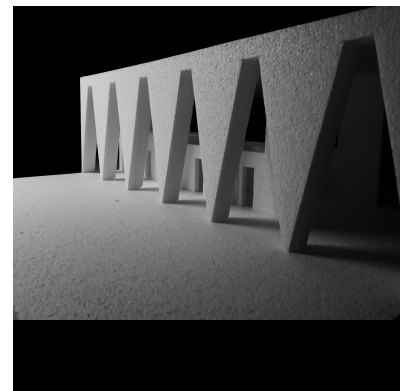
JULIANNA COSTA, MIArq+Urb 2020/2021



ALESSANDRA PACE, MIArq+Urb 2020/2021



JULIANNA COSTA, MIArq+Urb 2020/2021

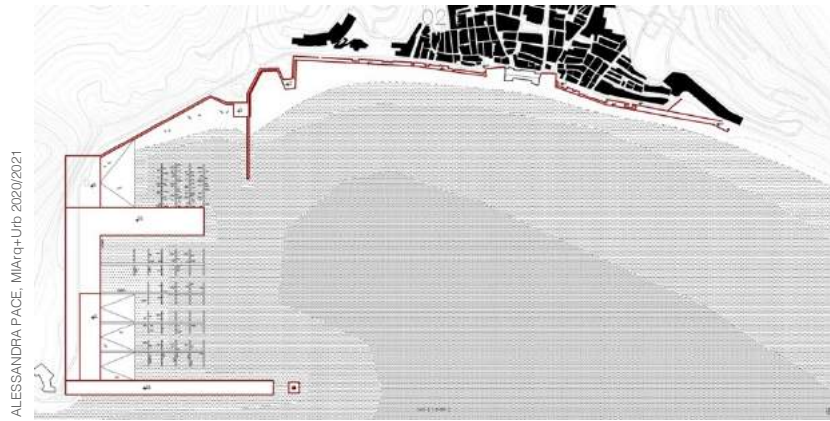
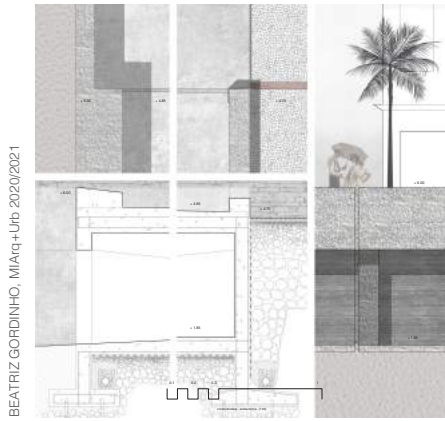


ALESSANDRA PACE, MIArq+Urb 2020/2021

### lab project IV [ memory and project ]

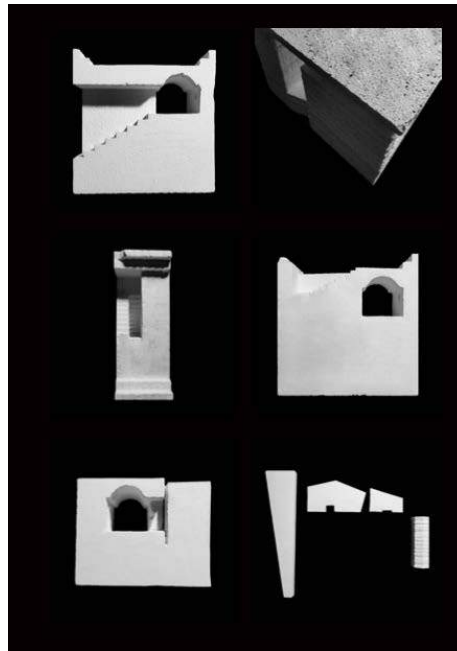
The urban strategy and the urban project of Quarteira's seafront in climate change context.

The design of the materiality and the constructivity of the proposed public space.



### lab project V [ public space continuity ]

The project of a complex public facility in continuity with the public space and in articulation with the water. The form and the mater of urban and architectural space.



The project is explored as research, using experimental and innovative approaches in complementarity with a manual aspect, where the model, the sketch, the *collage* and the technical drawing are always the main tools and where all scales are covered, from the intervention in the territory, to the detail of the forms of public space and architectural objects.

## :: research

Lab Project IV and Lab Project V [ MIArq+UrbA ] are articulated with ongoing research at *formaurbis LAB* research group and the *Portuguese Atlantic Seashore Streets. Interpretative reading and Design in Climate Change context* research project. More info on the following links:

<http://formaurbislab.fa.ulisboa.pt/>

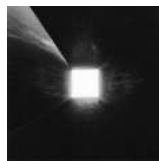
<http://formaurbislab.fa.ulisboa.pt/ruasmarginais.html>



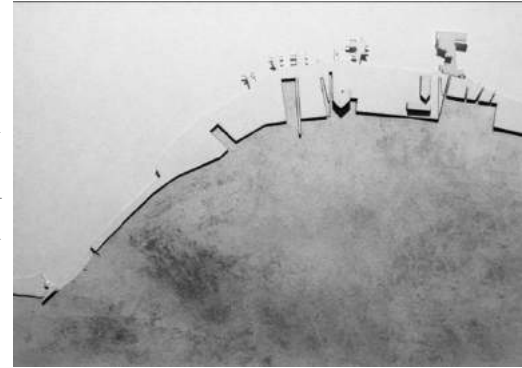
MIArq+Urb 2019/2020



JORGE MONTEIRO, MIArq+Urb 2019/2020



CRISTIANA BARATA, MIArq+Urb 2019/2020



## :: preliminary references

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