Thesis project 2021-22
Prof. Cristina Emilia Angelucci
Tutors: Andrea Ferrari - Valeria Dalmia

Thesis student
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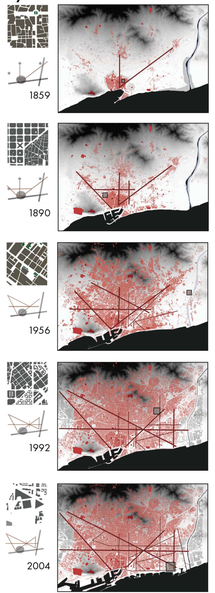
Mariana Vieira Lopes - 1070585
Mariana Sá Ribeiro - 1070563

Politecnico di Milano
School of architecture, urban planning, construction engineering
MSc in architecture, built environment, interiors

General Scale

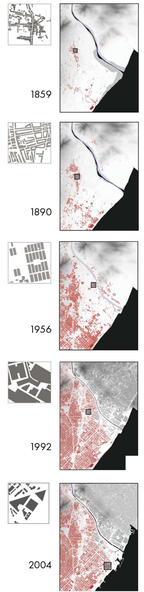
Barcelona

City Historical Trace

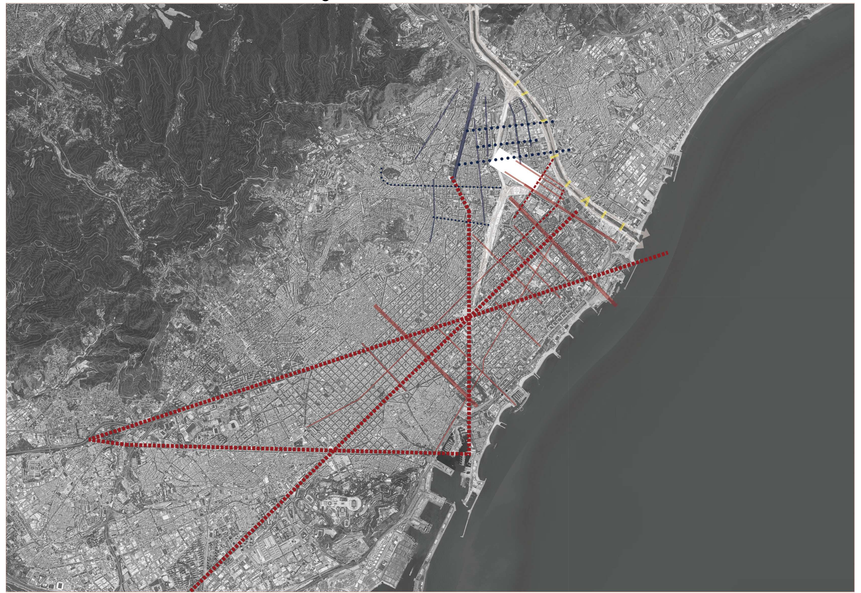


Project Area

Area Historical Trace



Relations : measures, traces, lines of strengths

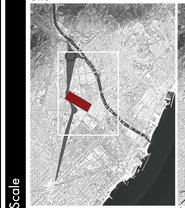


Year 4 BA study project 2022-2023
Bachelor Thesis
Rua Francisco Ad. Ad. Alves Nogueira
Sant'Ana, Ponta Delgada, Azores

Professors Address:
Artur Vasconcelos, Urban planning, sustainable engineering
Nuno Ribeiro, Urban planning, architecture

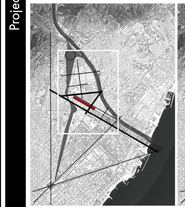
Project Scale

Site

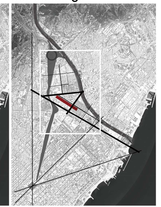


Relation

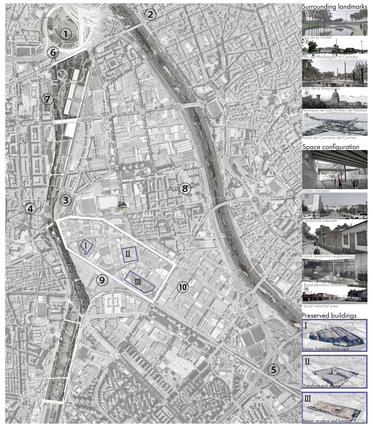
Axis



Surroundings



Present Situation



Surrounding landmarks

Space configuration

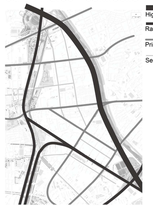
Preserved buildings

Sant Andreu - measure

Sant Andreu - texture

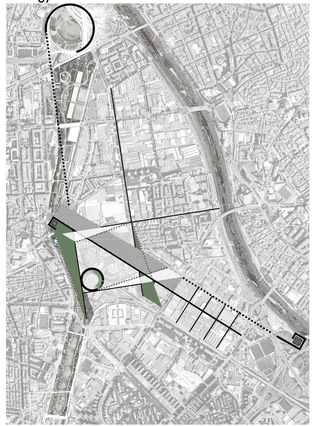
Sant Andreu - greenery

Sant Andreu - connection

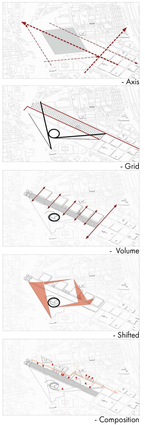


High Way
Railway
Primary road
Secondary road

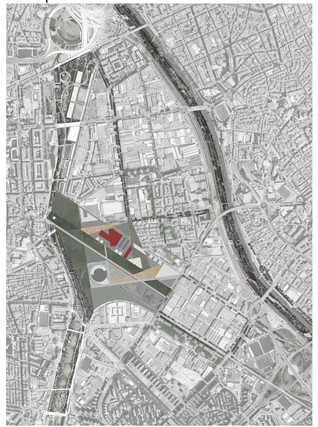
Strategy



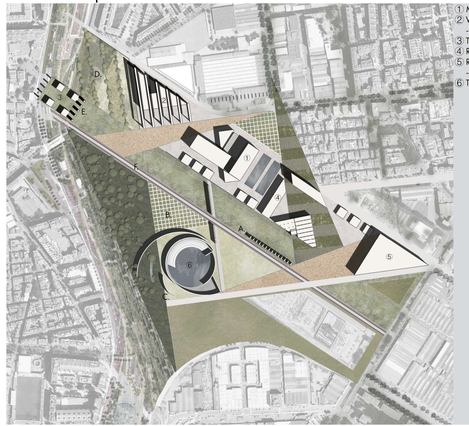
Built Form Evolution



Masterplan

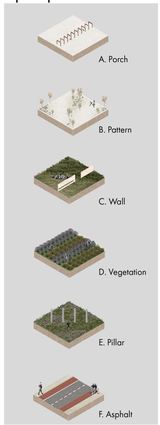


Zoom-in Masterplan



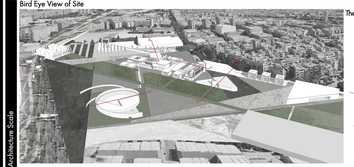
1 Museum
2 Vertical -farming
3 Train Station
4 Residence
5 Recicling -centre
6 Theatre

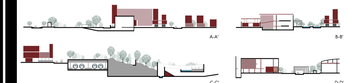
Open Spaces Character



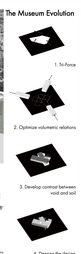
Architecture Scale

Bird Eye View of Site

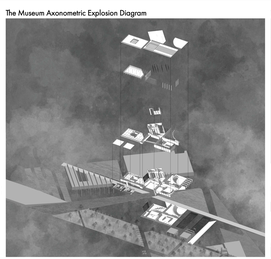




The Museum Evolution



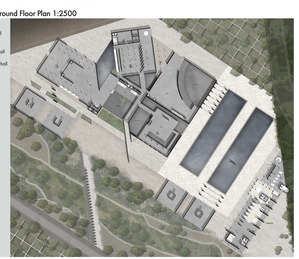
The Museum Axonometric Explosion Diagram



The Museum Underground Floor Plan & Facades 1:2500

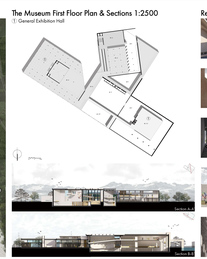
1 - Bar
2 - Merchandising
3 - Theater
4 - Security
5 - Storage
6 - Merchandising
7 - Multifunctional Indoor Court

The Museum Ground Floor Plan 1:2500



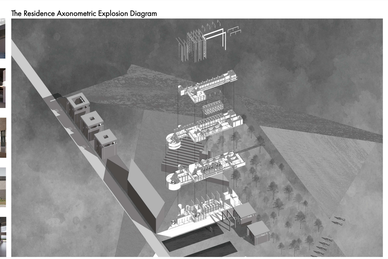
The Museum First Floor Plan & Sections 1:2500

11 - General Exhibition Hall



Renderings

The Residence Axonometric Explosion Diagram

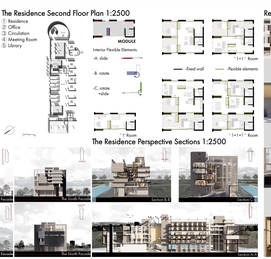


The Residence Ground Floor Plan 1:2500

1 - Merchandising
2 - Reception Room
3 - Circulation
4 - Bookstore
5 - Lobby
6 - Activity Space
7 - WC

The Residence Second Floor Plan 1:2500

1 - Residence
2 - Office
3 - Circulation
4 - Meeting Room
5 - Library



Renderings

The Residence Facades 1:2500

The Residence Perspective Sections 1:2500