

APIL

16/11/2023

Treviso











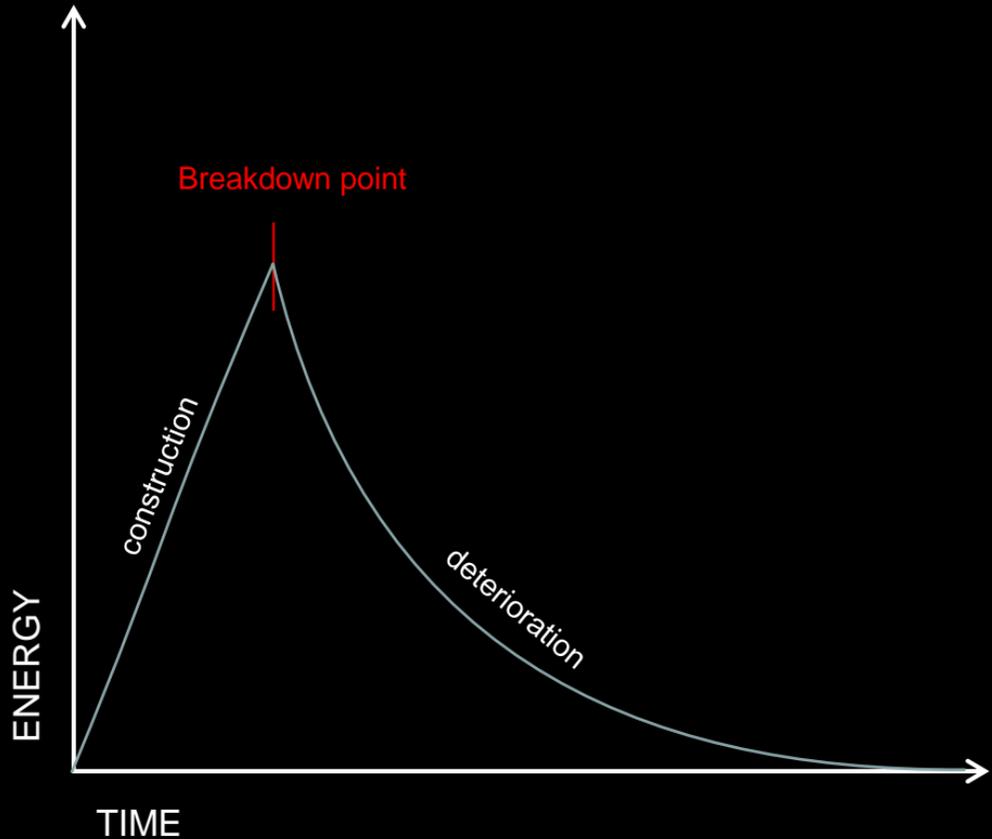




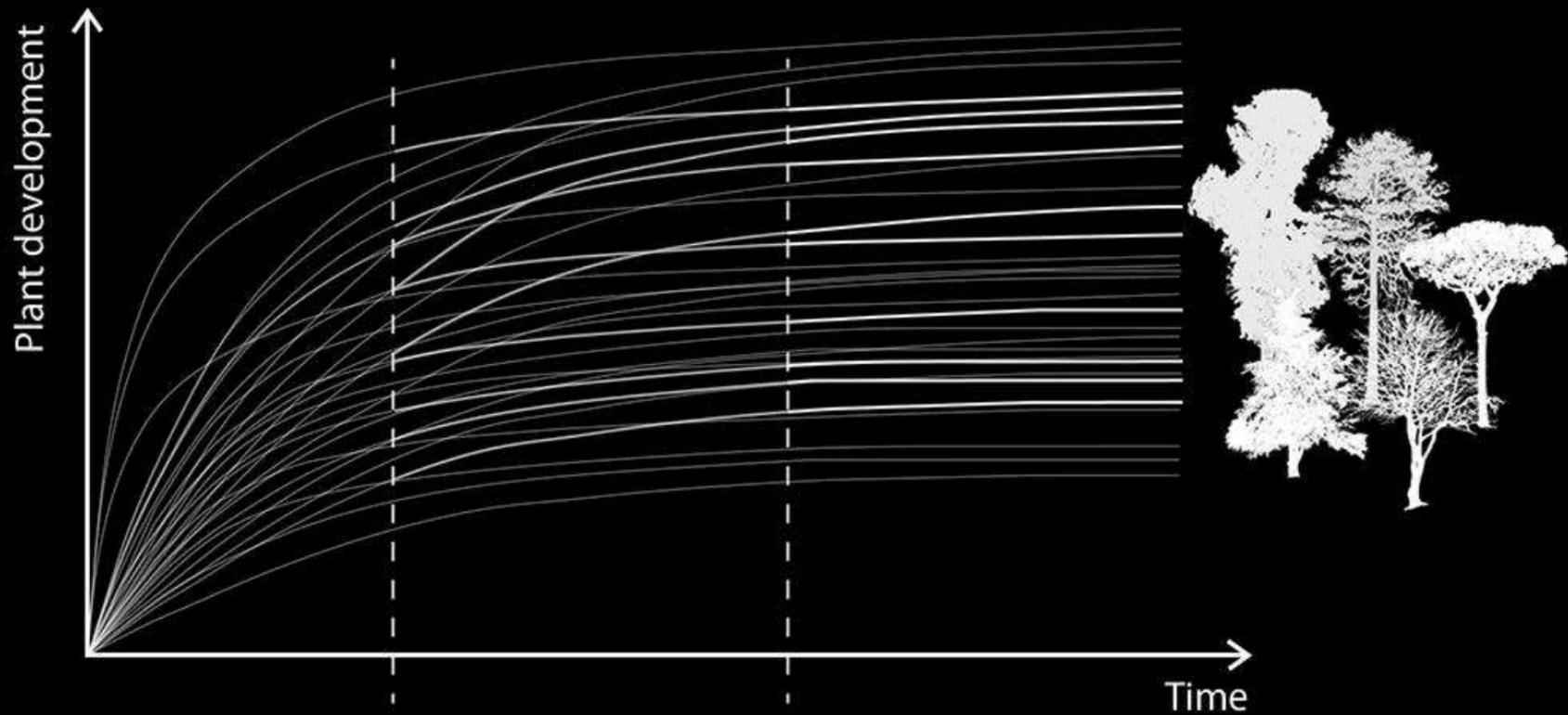




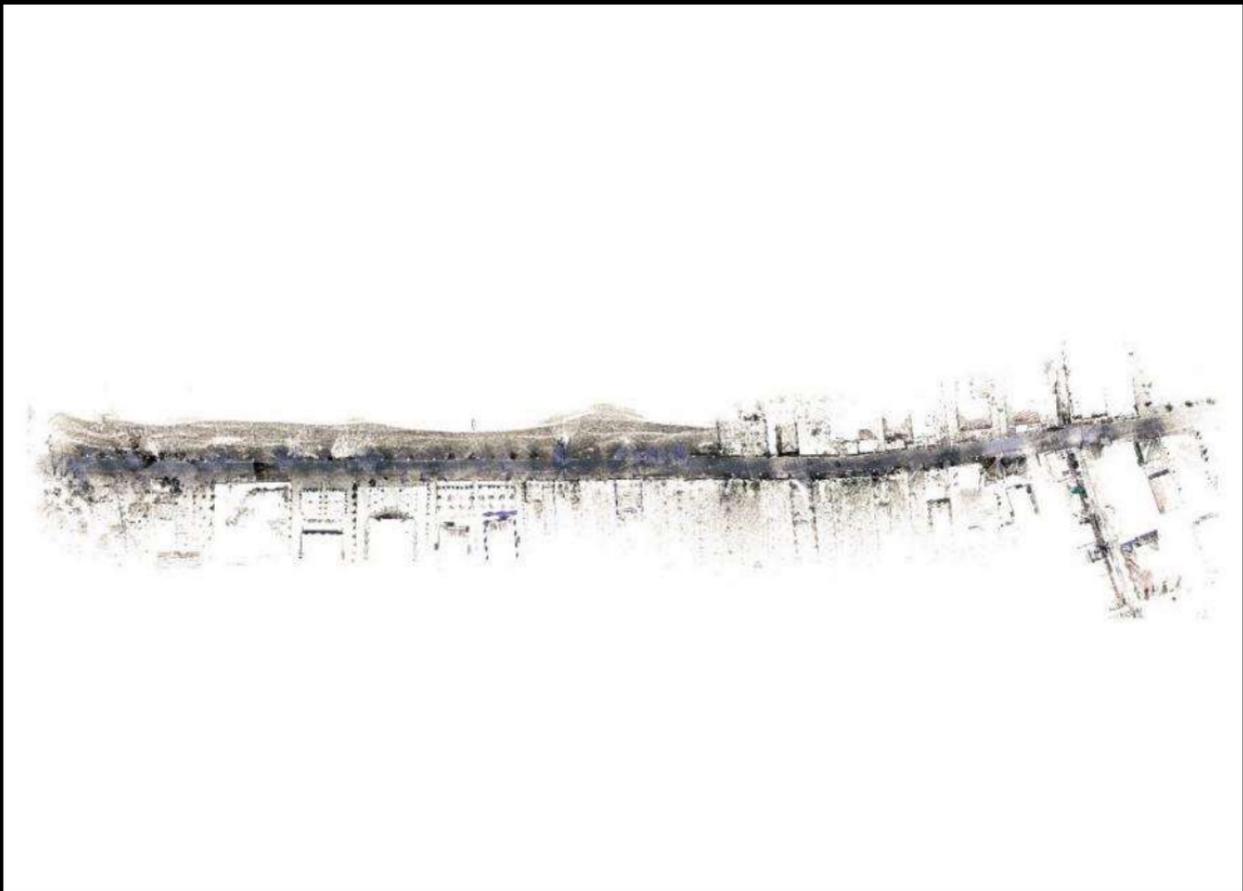
ARCHITECTURE  
BUILDING

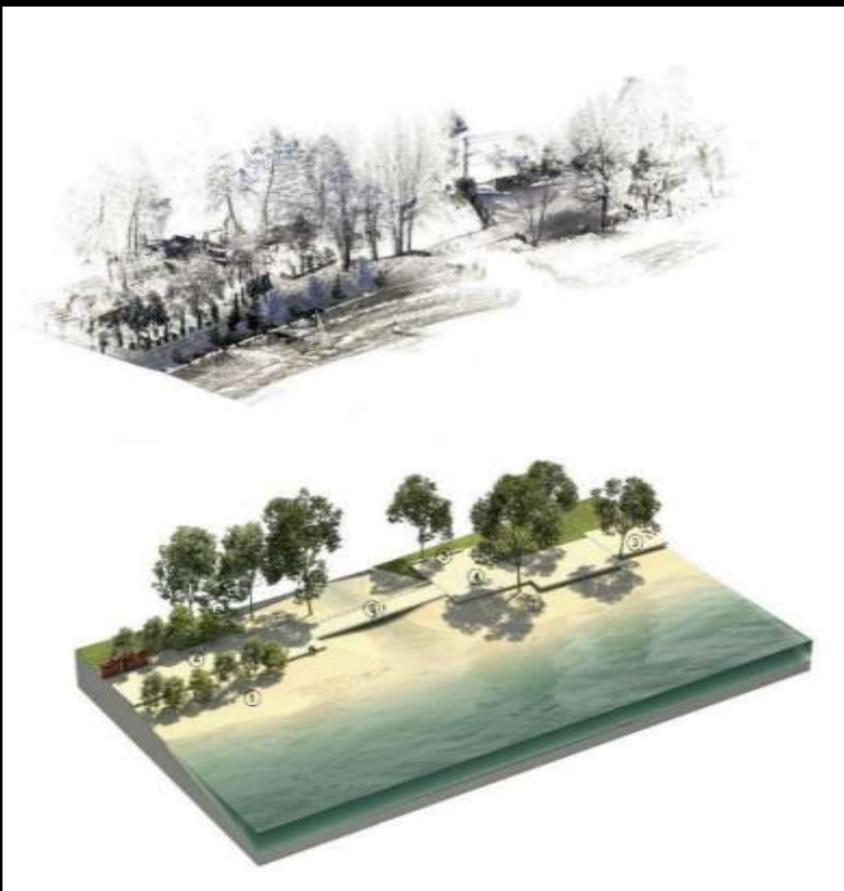


# LANDSCAPE ARCHITECTURE















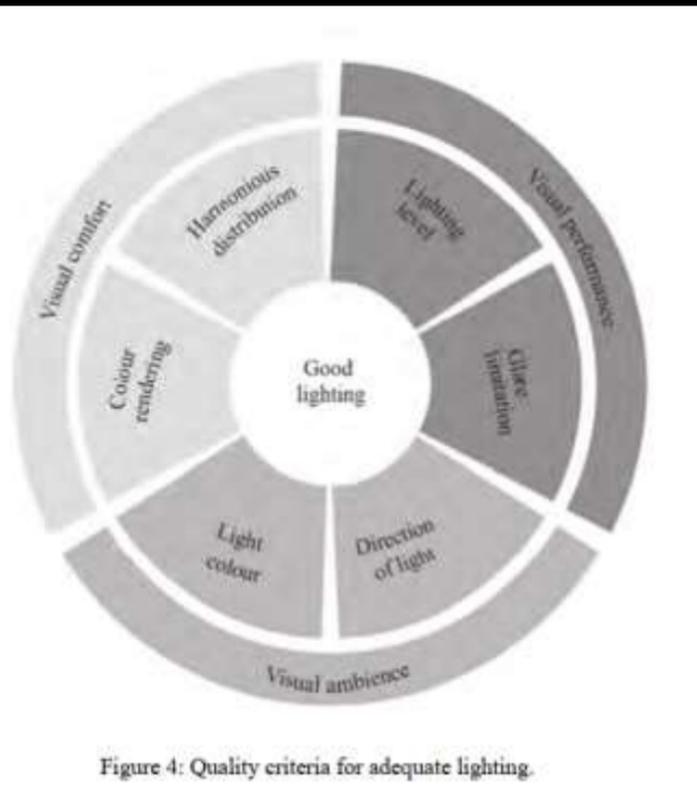


Figure 4: Quality criteria for adequate lighting.

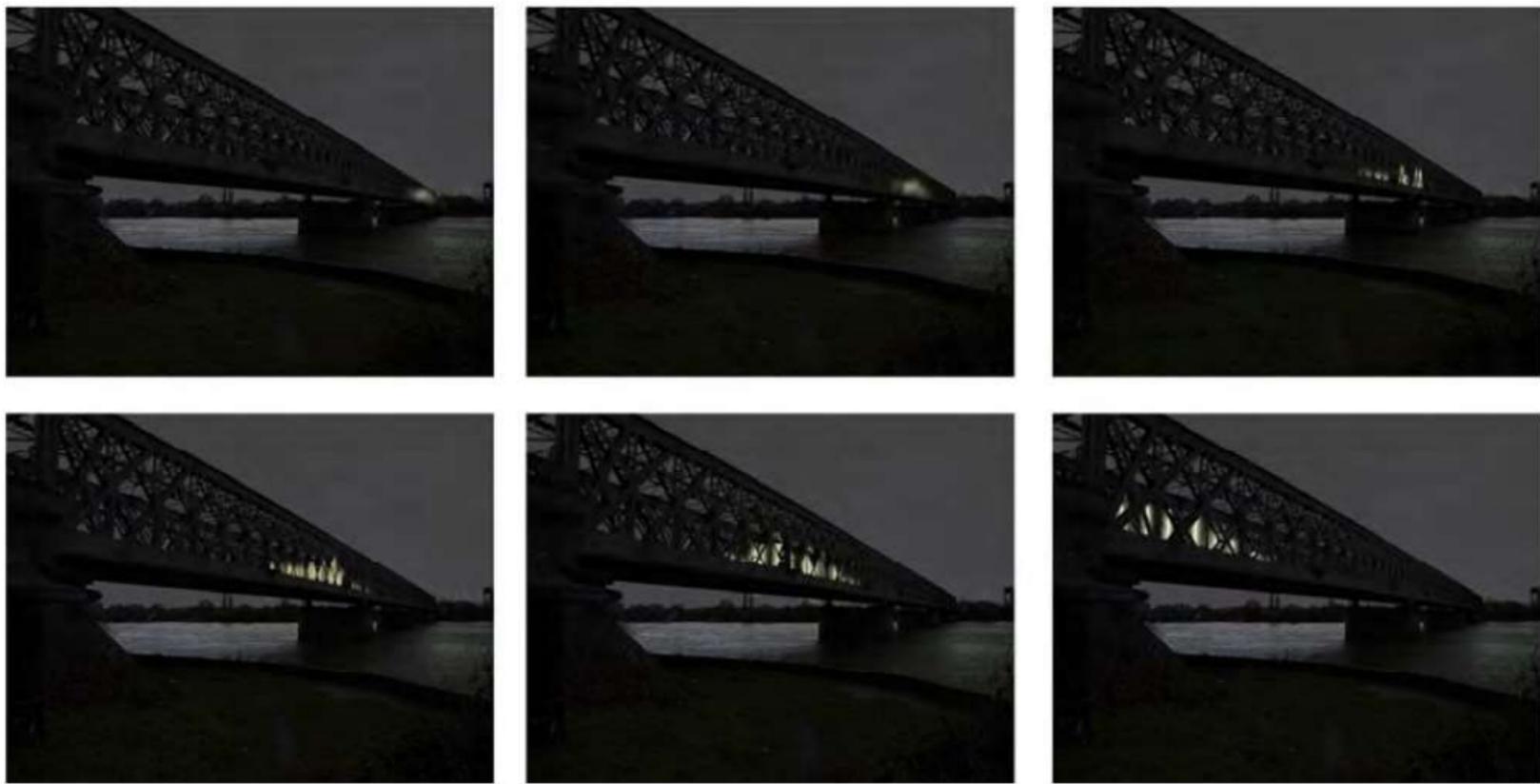
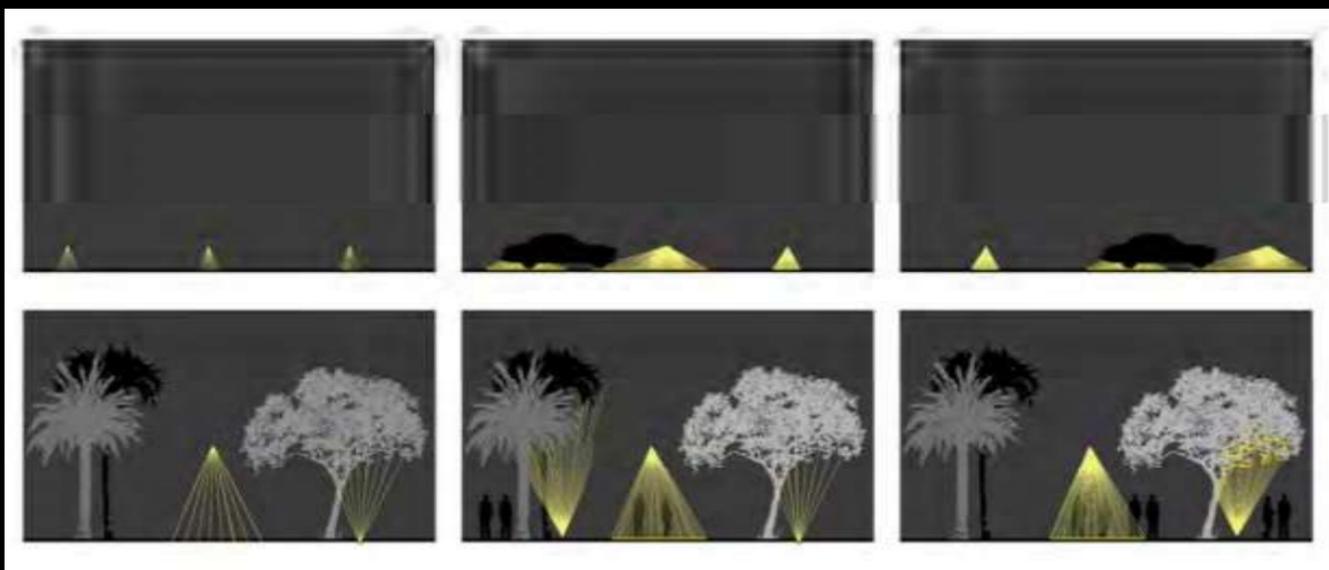


Figure 6: LoD light wave along a cycle route.





# PONTE RIO DOURO

2021 - ...

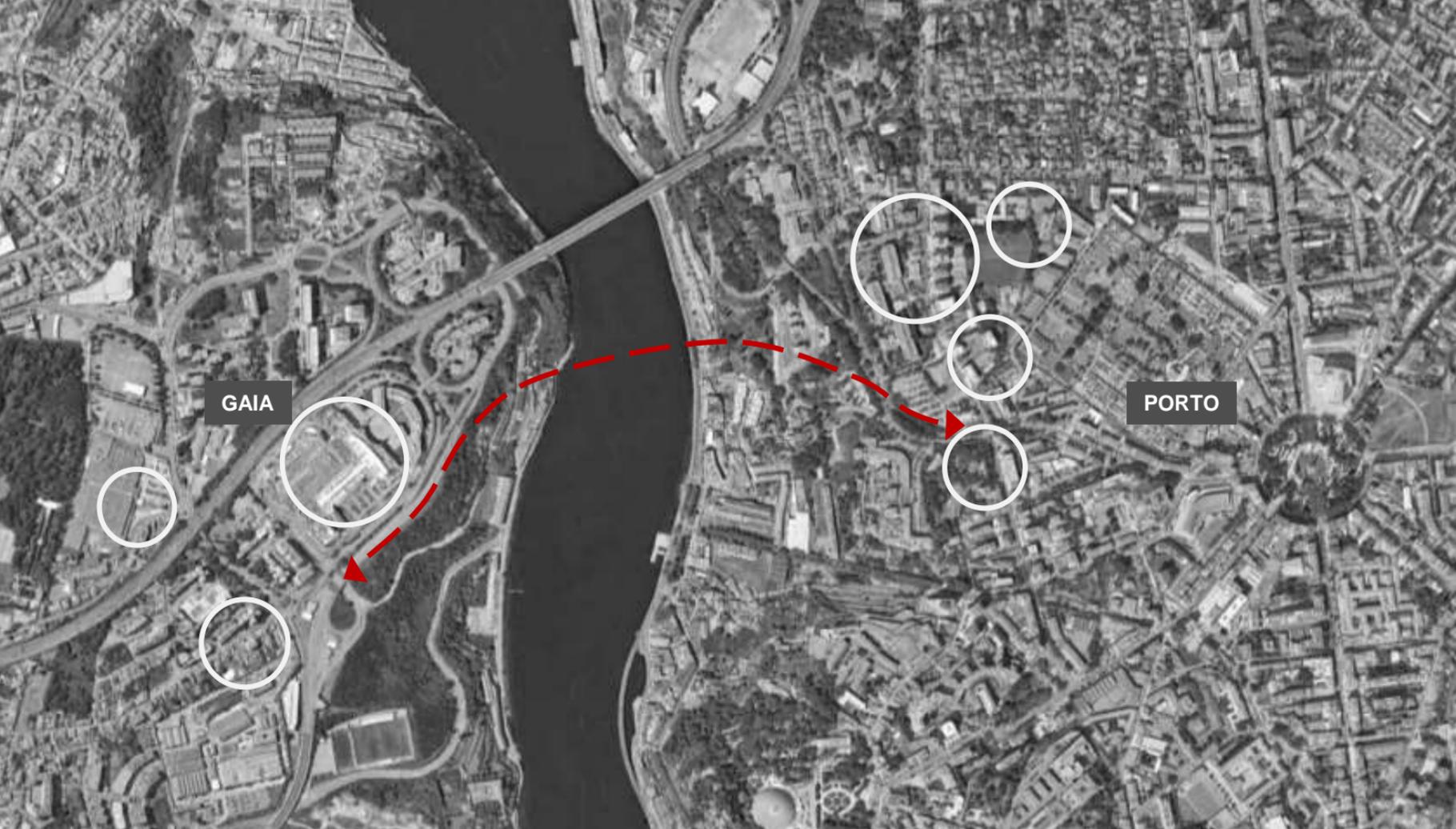
Porto, Portugal



PORTO, PORTUGAL



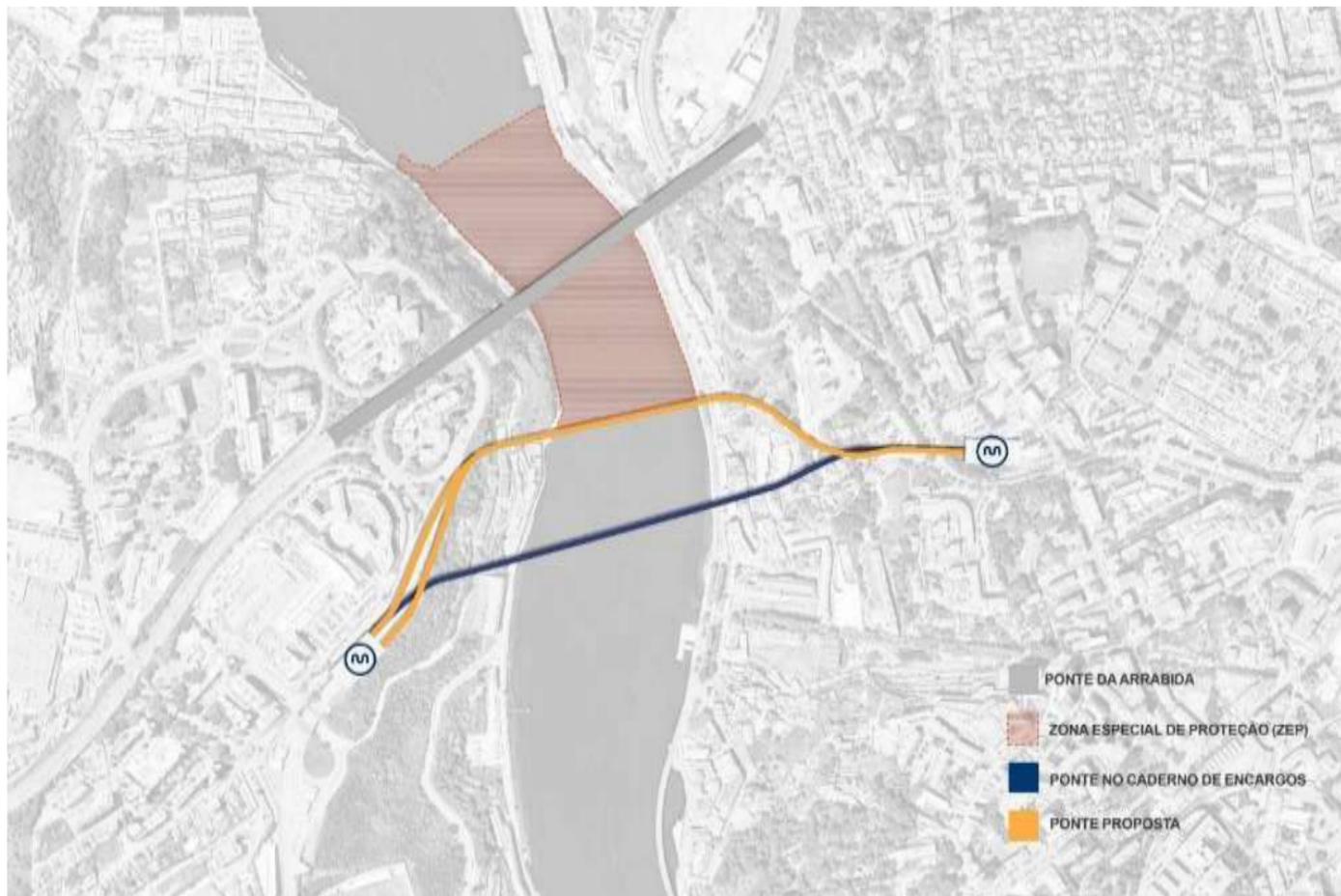
PORTO - GAIA, PORTUGAL



GAIA

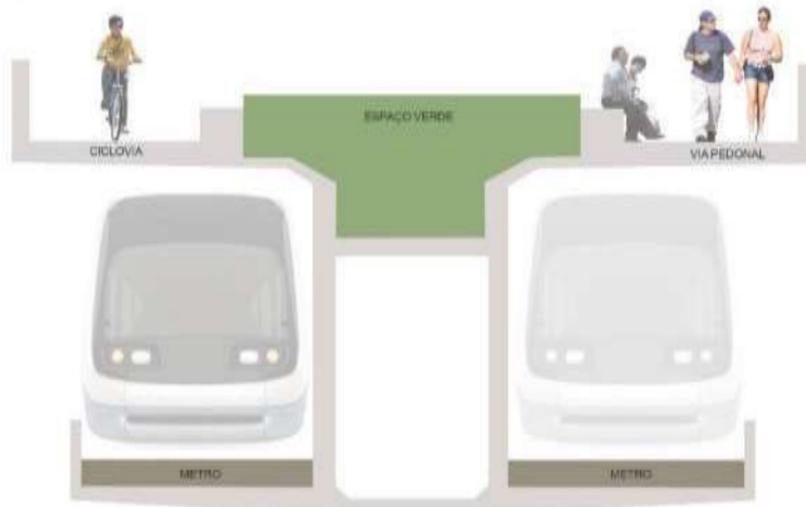
PORTO

**PROJECT PLAN VS  
CONTRACT PLAN**



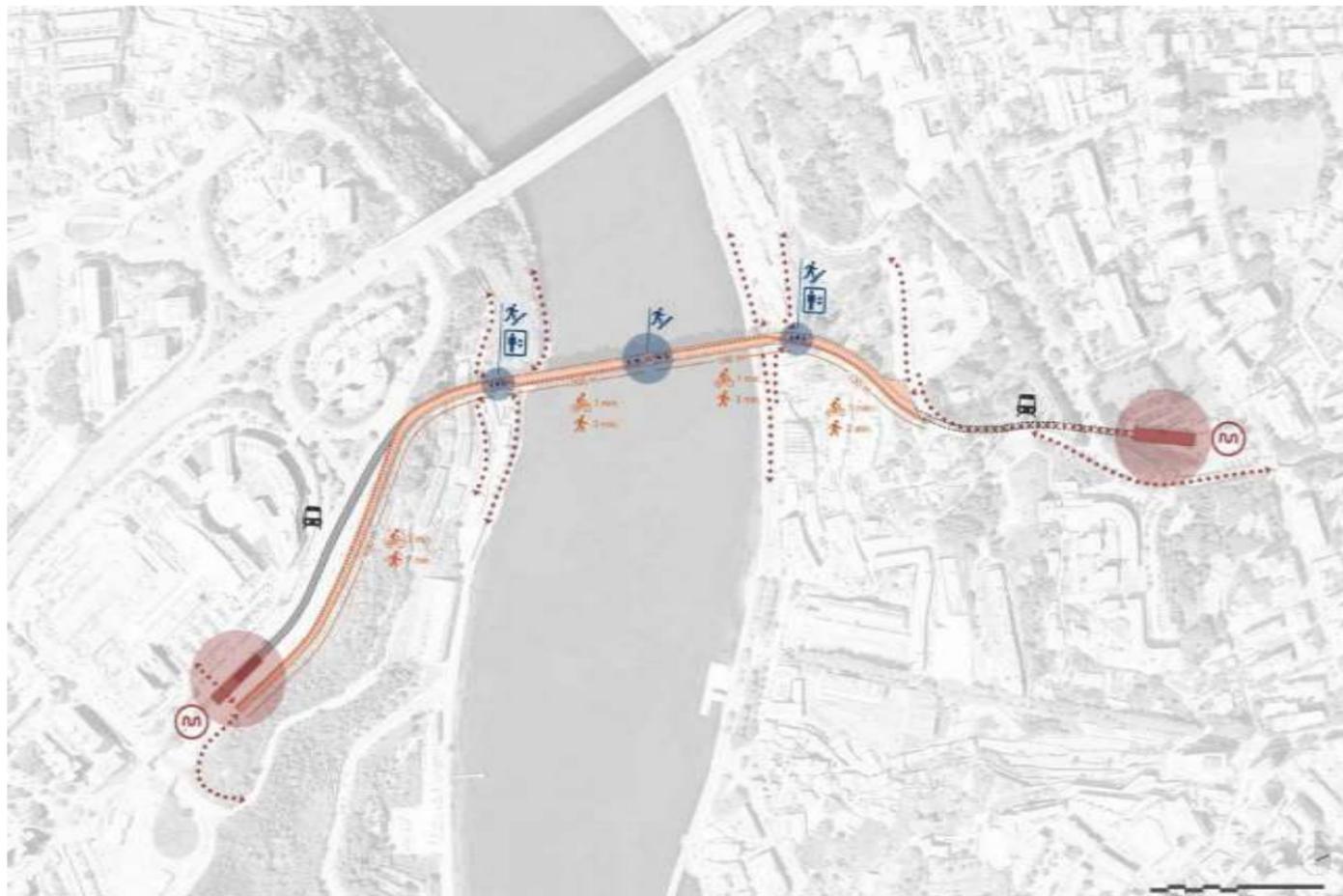


PEDIDO NO CADERNO DE ENCARGOS



PROPOSTO

PROJECT PLAN VS  
CONTRACT PLAN



**ACCESS AND  
CIRCULATION DIAGRAM**



PROPOSAL

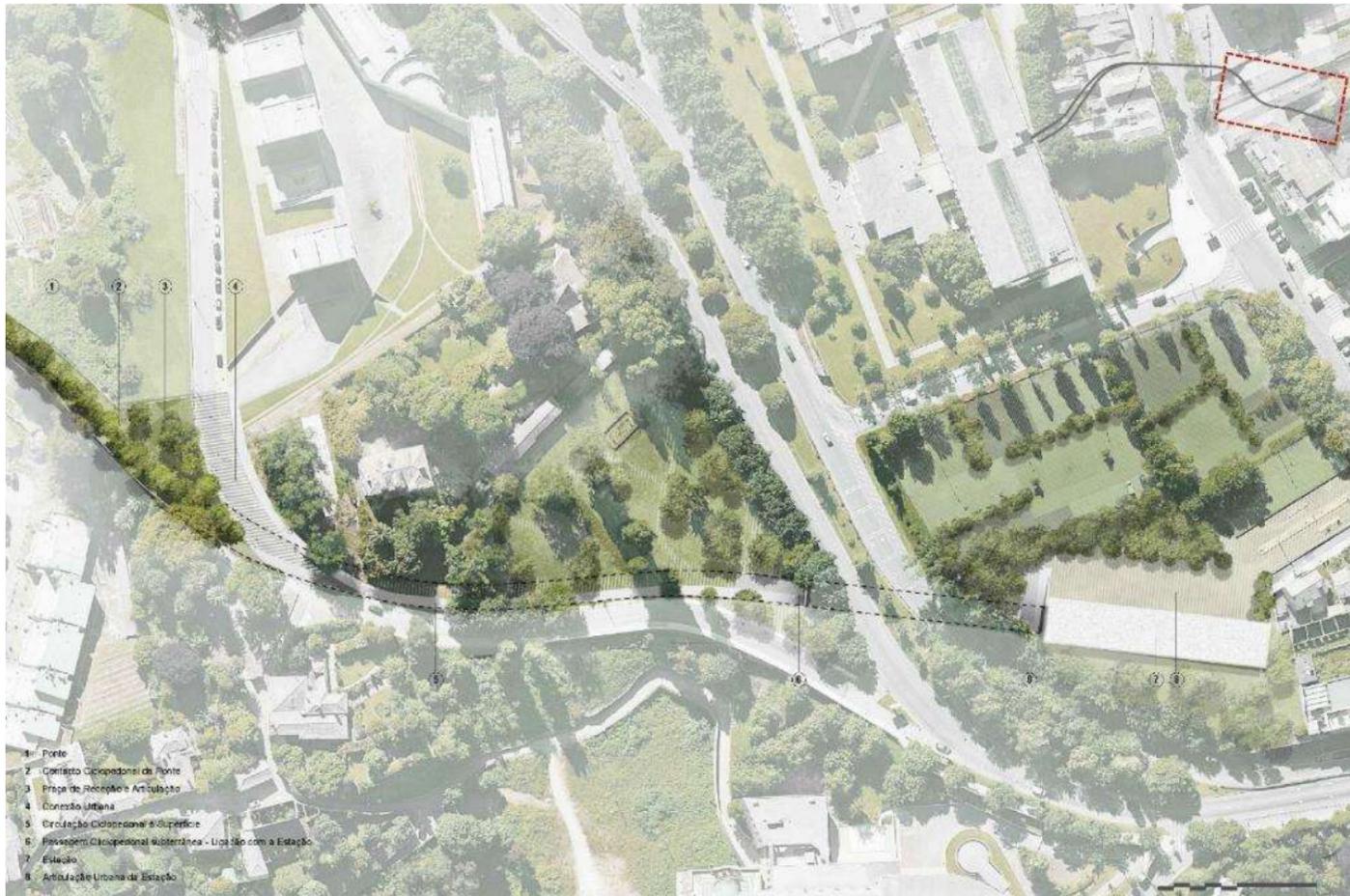


**PROPOSAL**  
INTERCESSION WITH GAIA

# PROPOSAL

CROSS THE DOURO RIVER





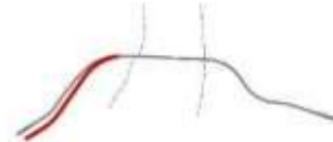
- 1. Ponte
- 2. Contacto Ciclopedonal da Ponte
- 3. Praça de Recepção e Articulação
- 4. Direção Urbana
- 5. Circulação Ciclopedonal no Espaço
- 6. Passagem Ciclopedonal Sustentável - Ligação com a Estação
- 7. Estação
- 8. Articulação Urbana da Estação

**PROPOSAL**  
**INTERCESSION OPORTO**

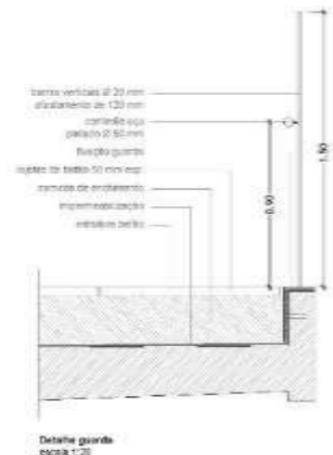


Planes Tipológicos  
escala 1:200

1. Fila Central
2. Zona Perifera
3. Jardín



Corte transversal  
escala 1:100



Detalle guiso  
escala 1:20

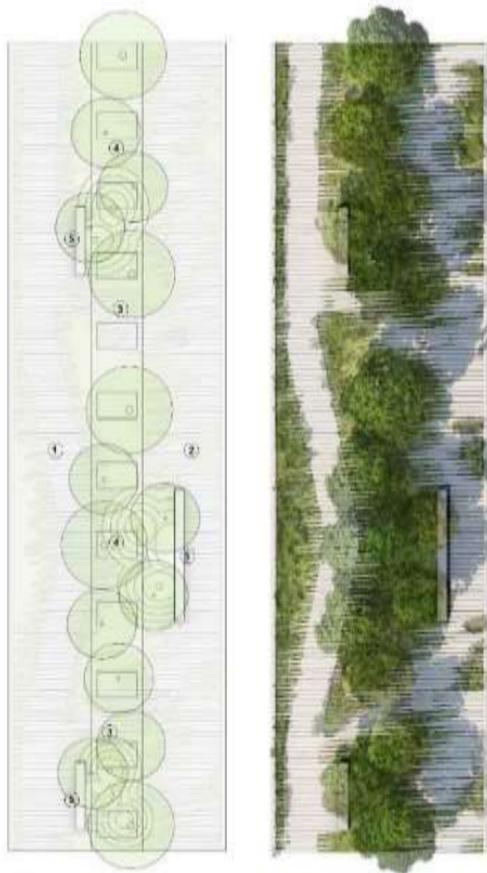
## GROUND PLAN, SECTIONAL PLAN AND DETAILS

INTERCESSION GAIA



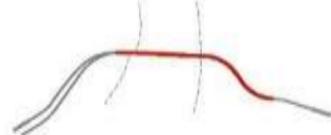
**AXONOMETRY**  
INTERCESSION GAIA

- 1 - Pilo Colado
- 2 - Zona Pedonal
- 3 - Jardin

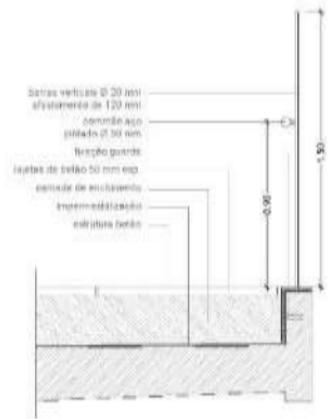


Planos Tipológicos  
escala 1:200

1. Plata Octável
2. Zona Pedonal
3. Alívios/assentos
4. Jardim
5. Zonas de estadia



Corta transversal  
escala 1:100



Detalhe guarda  
escala 1:20

## GROUND PLAN, SECTIONAL PLAN AND DETAILS

INTERCESSION PORTO



## AXONOMETRY

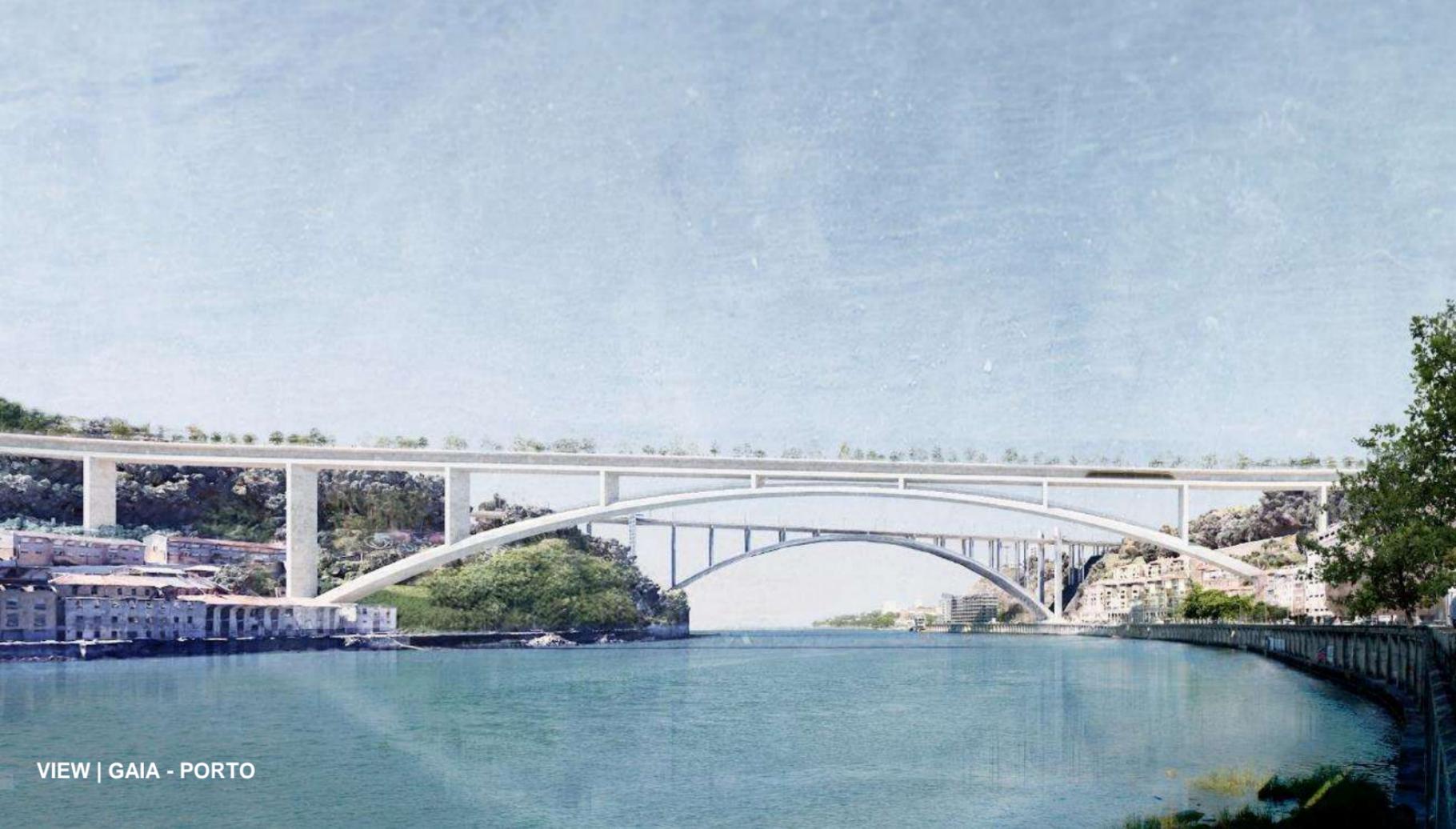
DOURO RIVER/ INTERCESSION WITH PORTO

### Axonometry

1. Pista Ciclável
2. Zona Pedonal
3. Jardim
4. Zona de Estêilo
5. Arruamentos



**GENERAL PLAN BRIDGE**



VIEW | GAIA - PORTO



VIEW | GAIA - PORTO



BIRD VIEW | PORTO - GAIA



BIRD VIEW NIGHT | PORTO - GAIA

# TEJO AND TRANCÃO PARK

1994 – 1998

Lisbon, Portugal



LISBON, PORTUGAL



TRANCÃO, PORTUGAL



TRANCÃO, PORTUGAL



LOCATION 1965

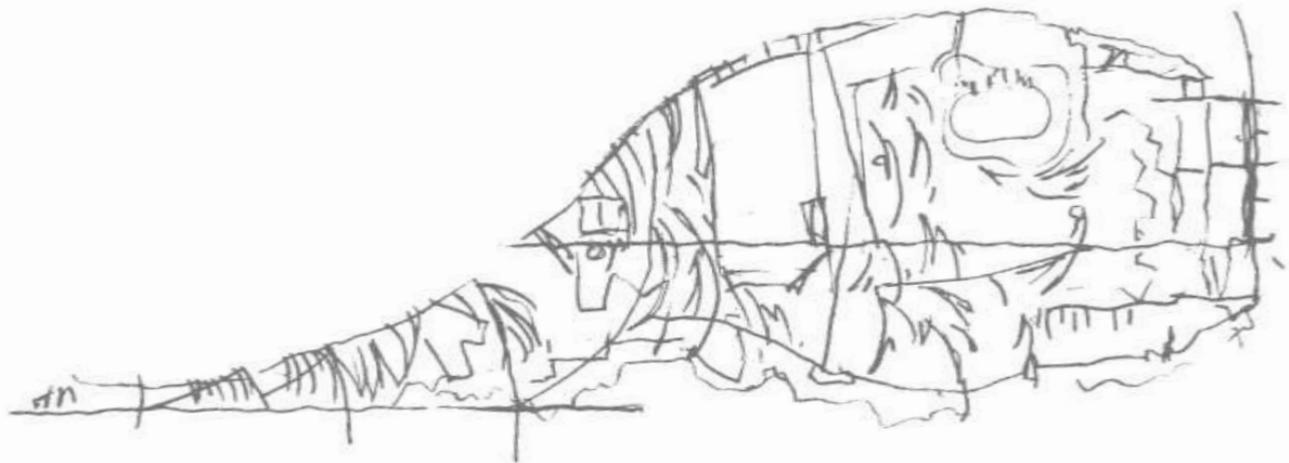


LOCATION 1980





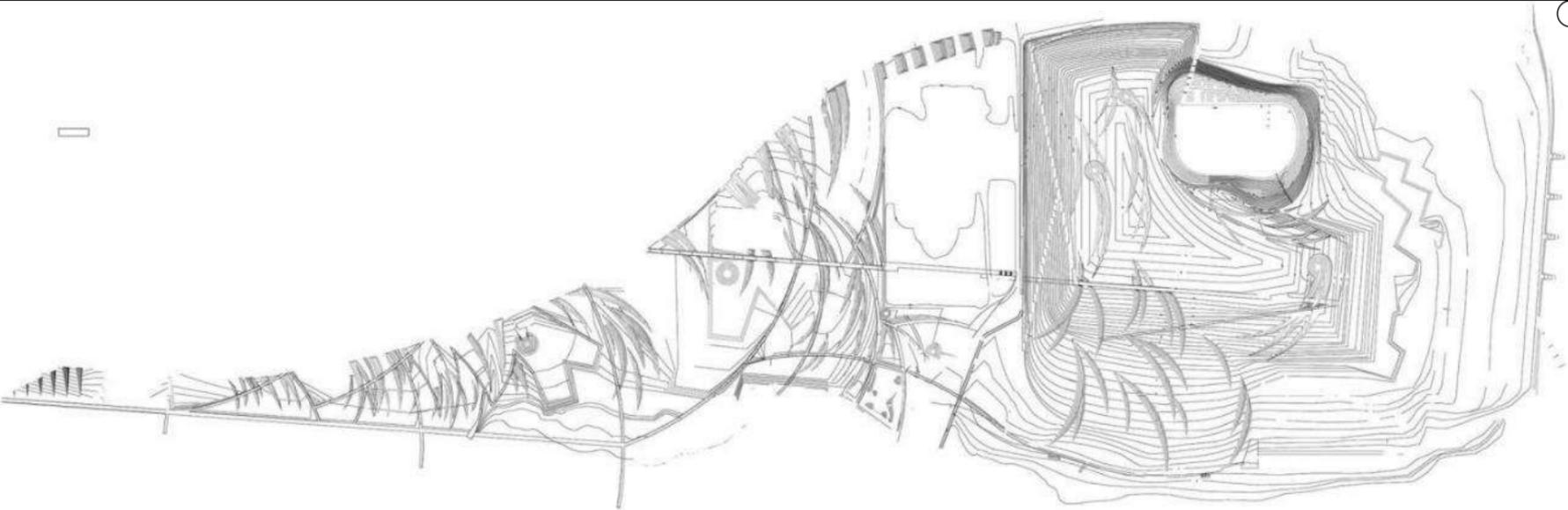
LOCATION BEFORE THE INTERVENTION



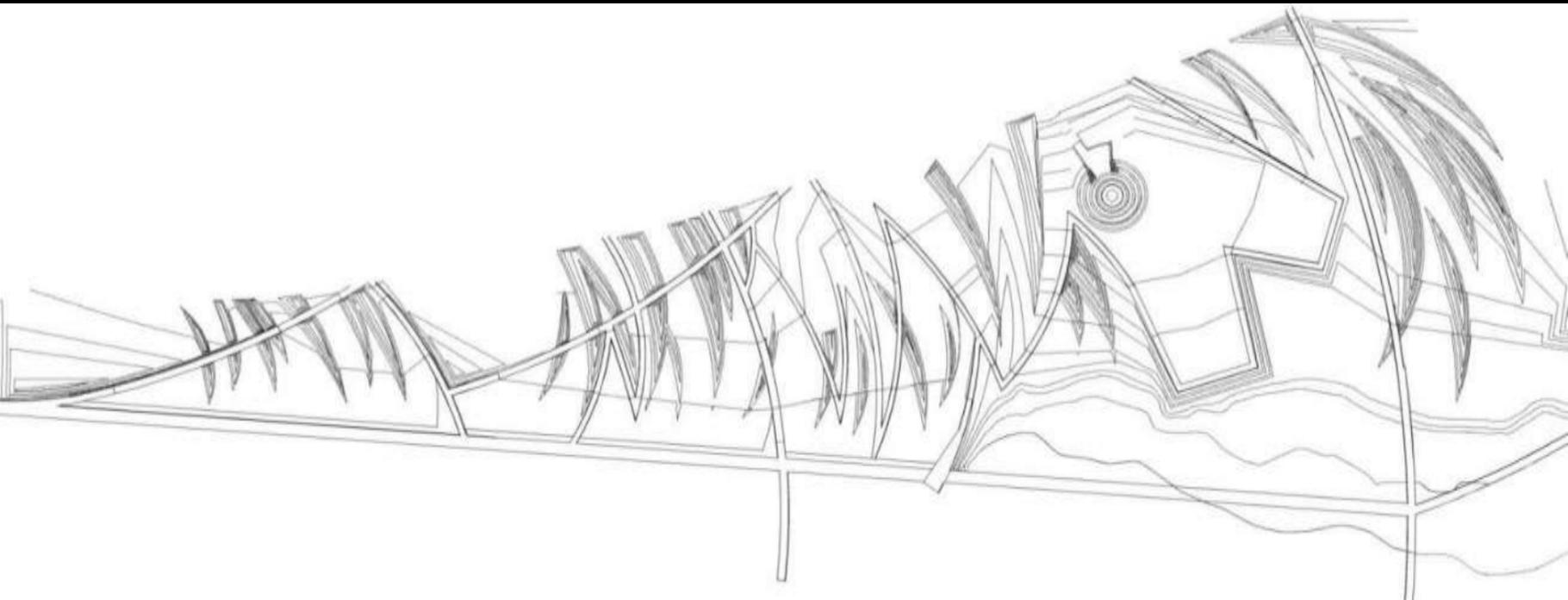
CONCEPT



GENERAL PLAN



TOPOGRAPHY



TOPOGRAPHY DETAIL



OUTCOME



OUTCOME



OUTCOME



OUTCOME



OUTCOME



OUTCOME



OUTCOME



OUTCOME



OUTCOME

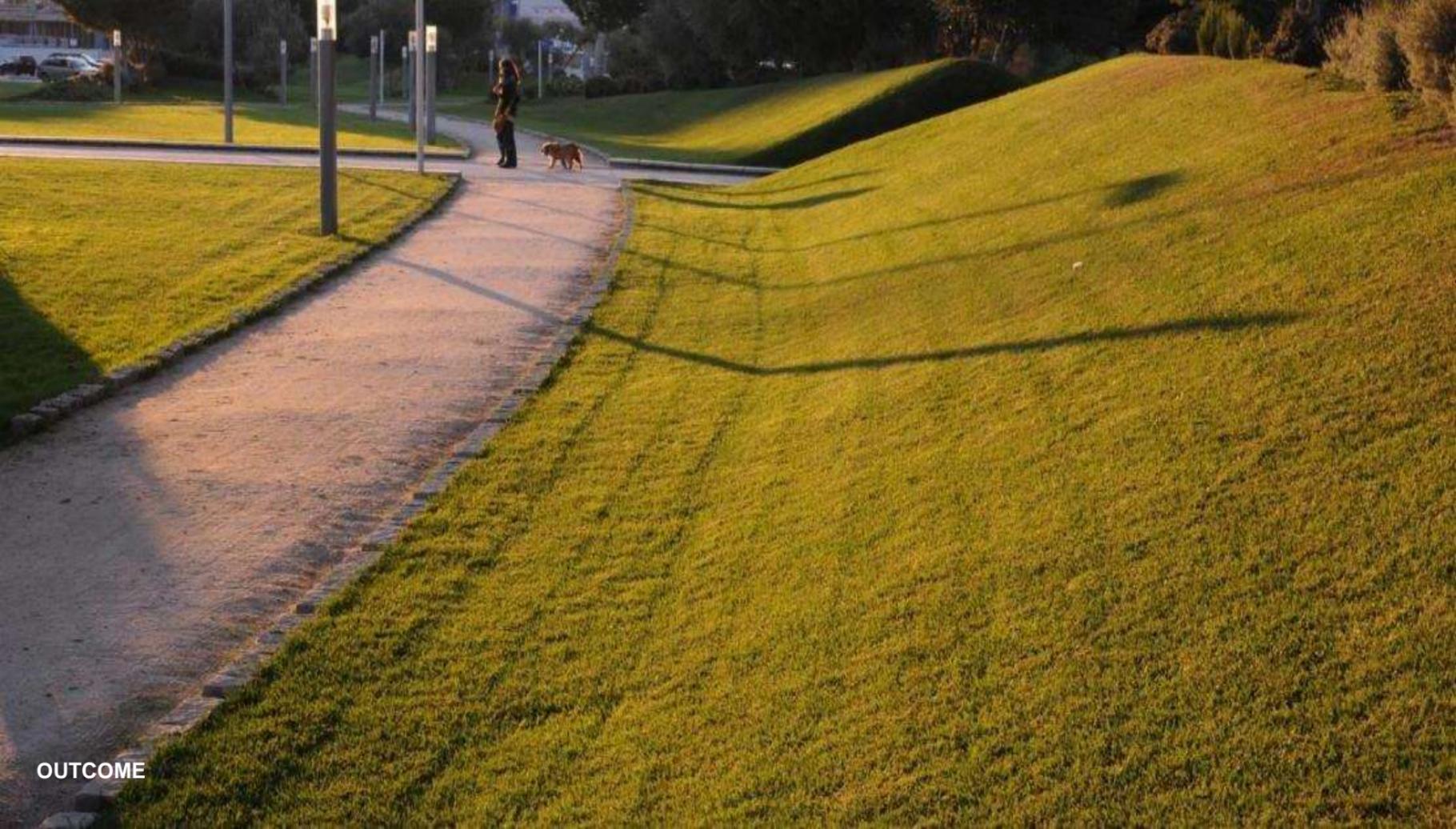


OUTCOME



Pavimento de P...

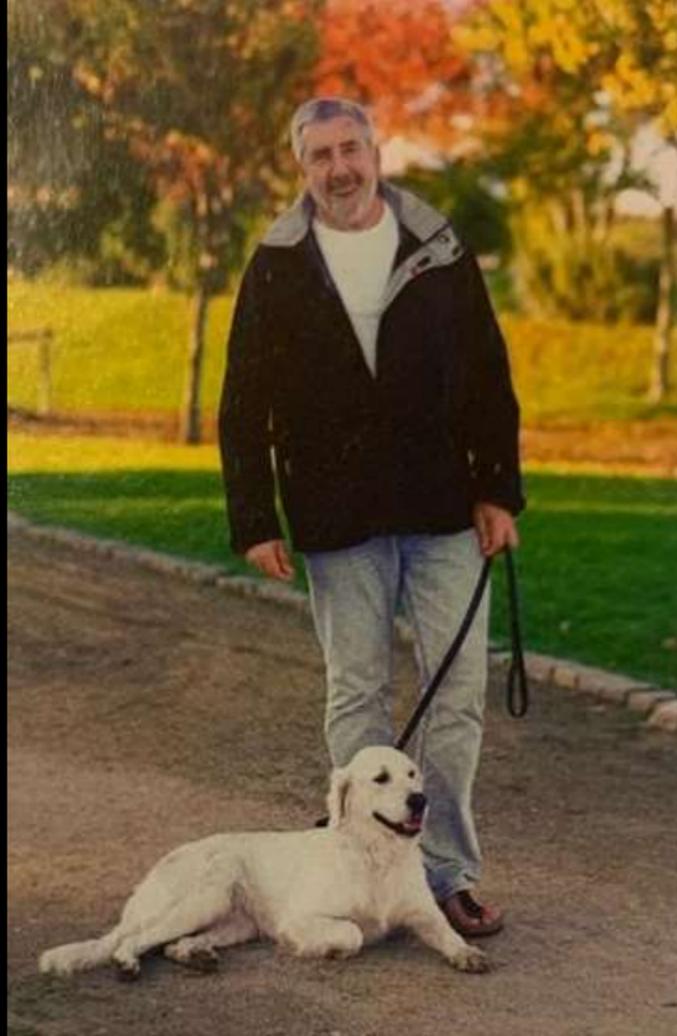
OUTCOME



OUTCOME



OUTCOME



# RIBEIRA DAS NAUS

2009 – 2014

Lisbon, Portugal



LISBON, PORTUGAL



RIBEIRA DAS NAUS, LISBON

# **HISTORICAL PERSPECTIVE**

LISBON 1650 TO 1950



LISBON BEFORE THE EARTHQUAKE OF 1755



LISBON AFTER THE EARTHQUAKE OF 1755 (1758)



LISBON LUIS FOLQUE 1856



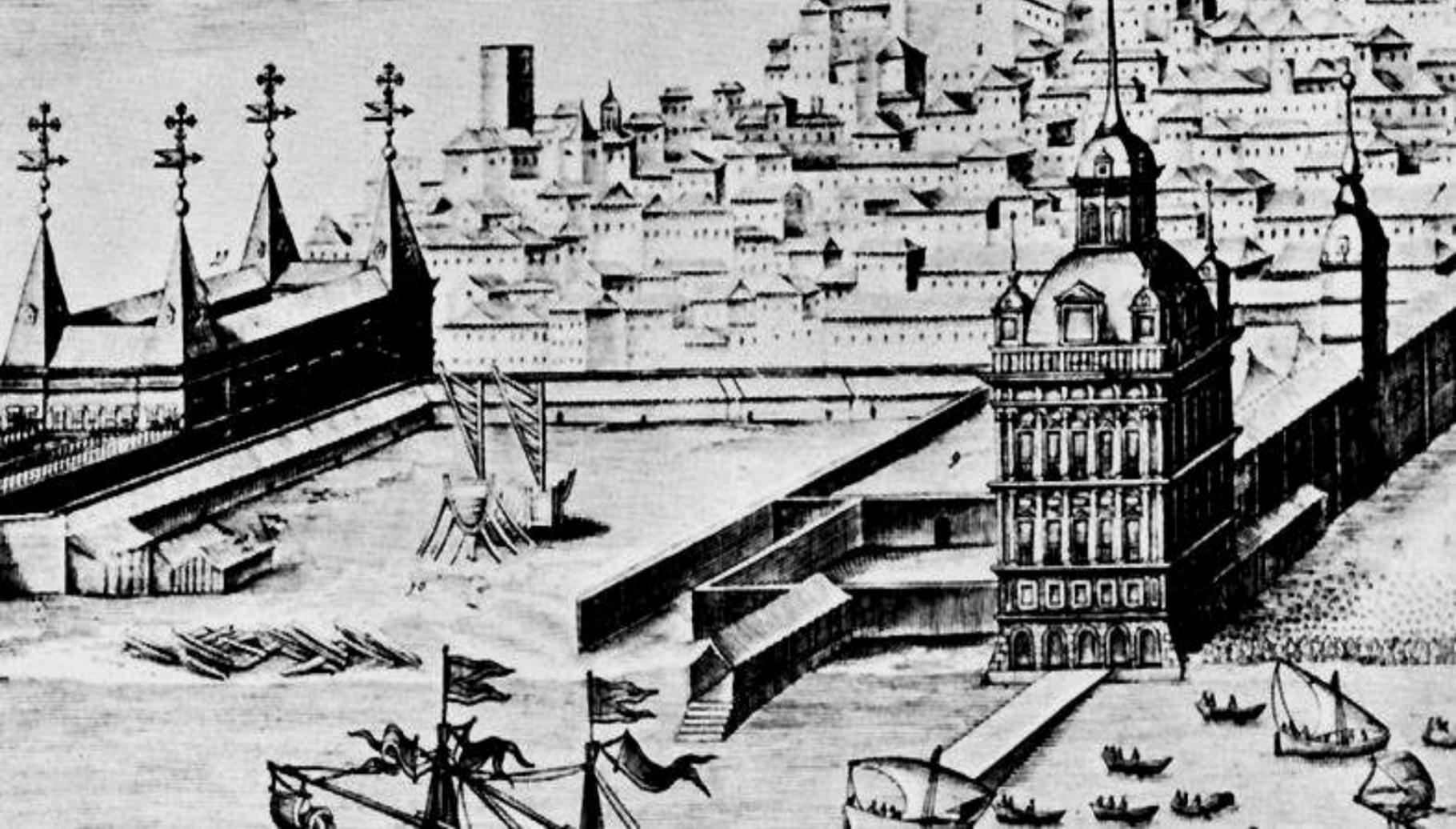
LISBON SURVEY CIRCA 1911



LISBOA

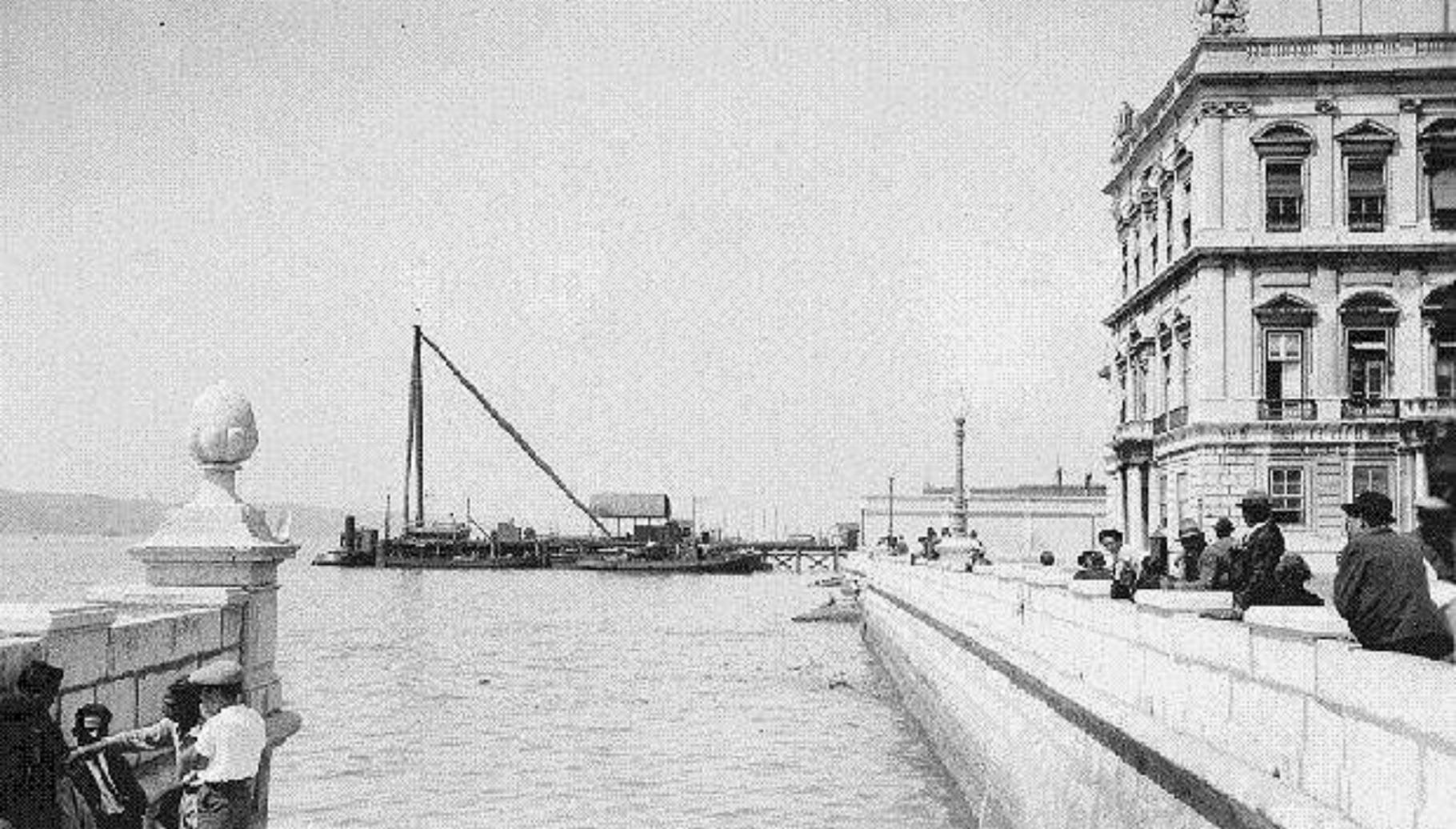














1944



2000



LOCATION BEFORE THE INTERVENTION



LOCATION BEFORE THE INTERVENTION

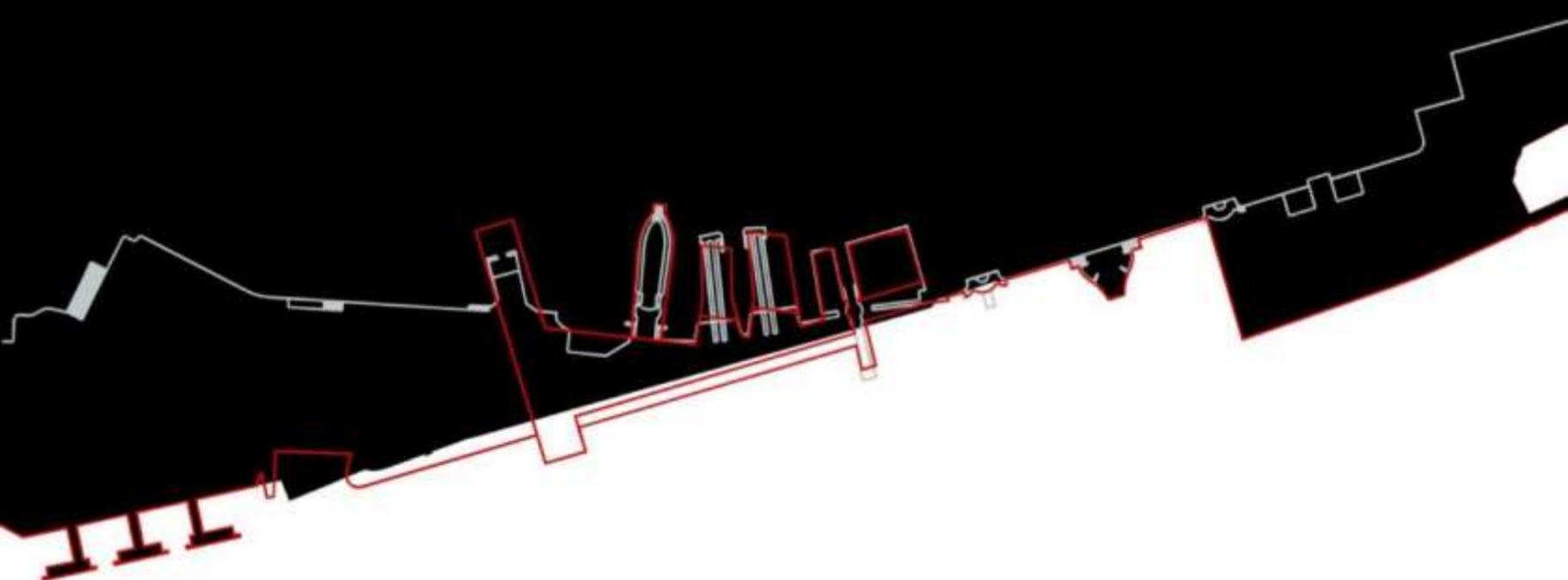


LOCATION BEFORE THE INTERVENTION

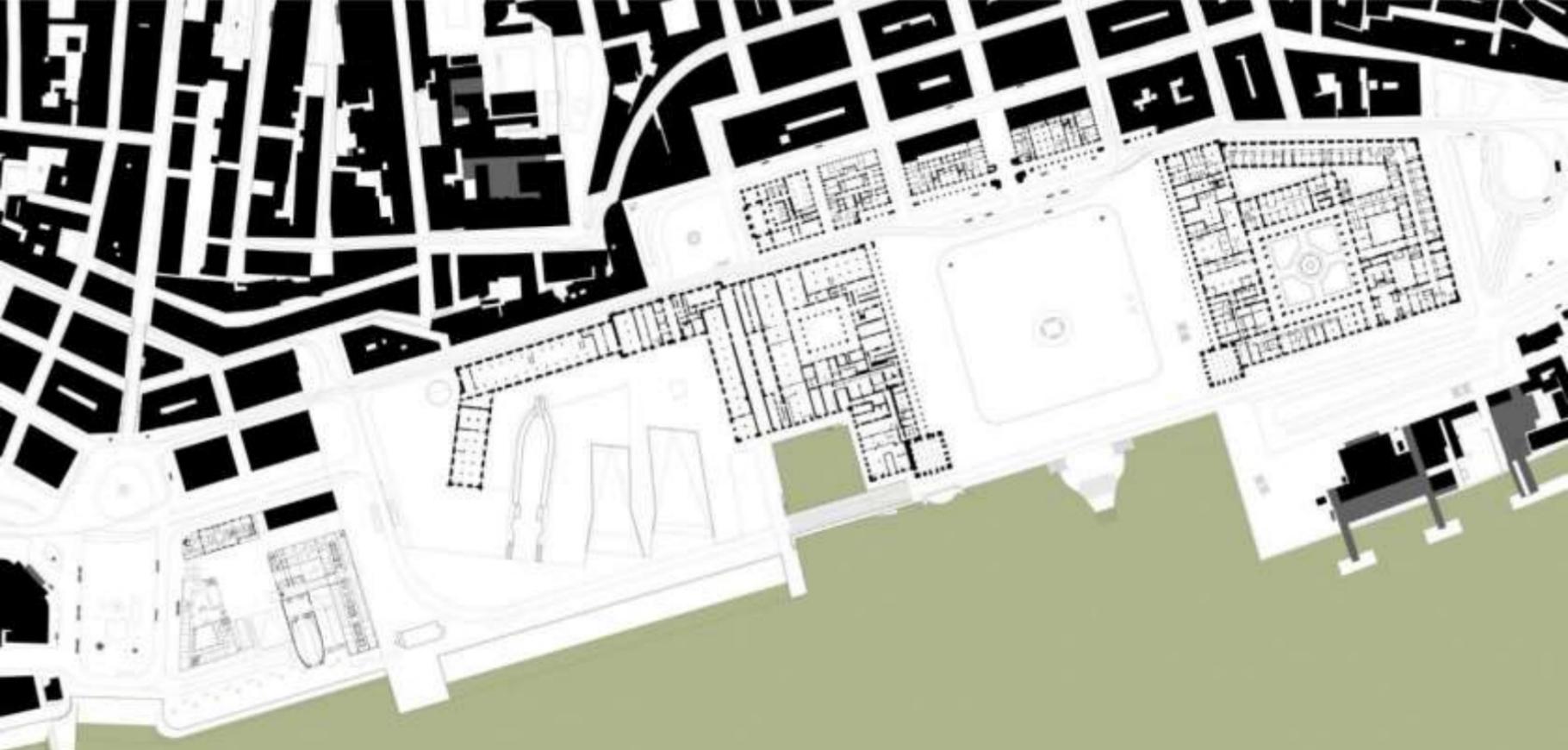


LOCATION BEFORE THE INTERVENTION





-  margem antiga
-  margem actual
-  margem proposta/ geometria de desenho



GENERAL PLAN



GENERAL PLAN



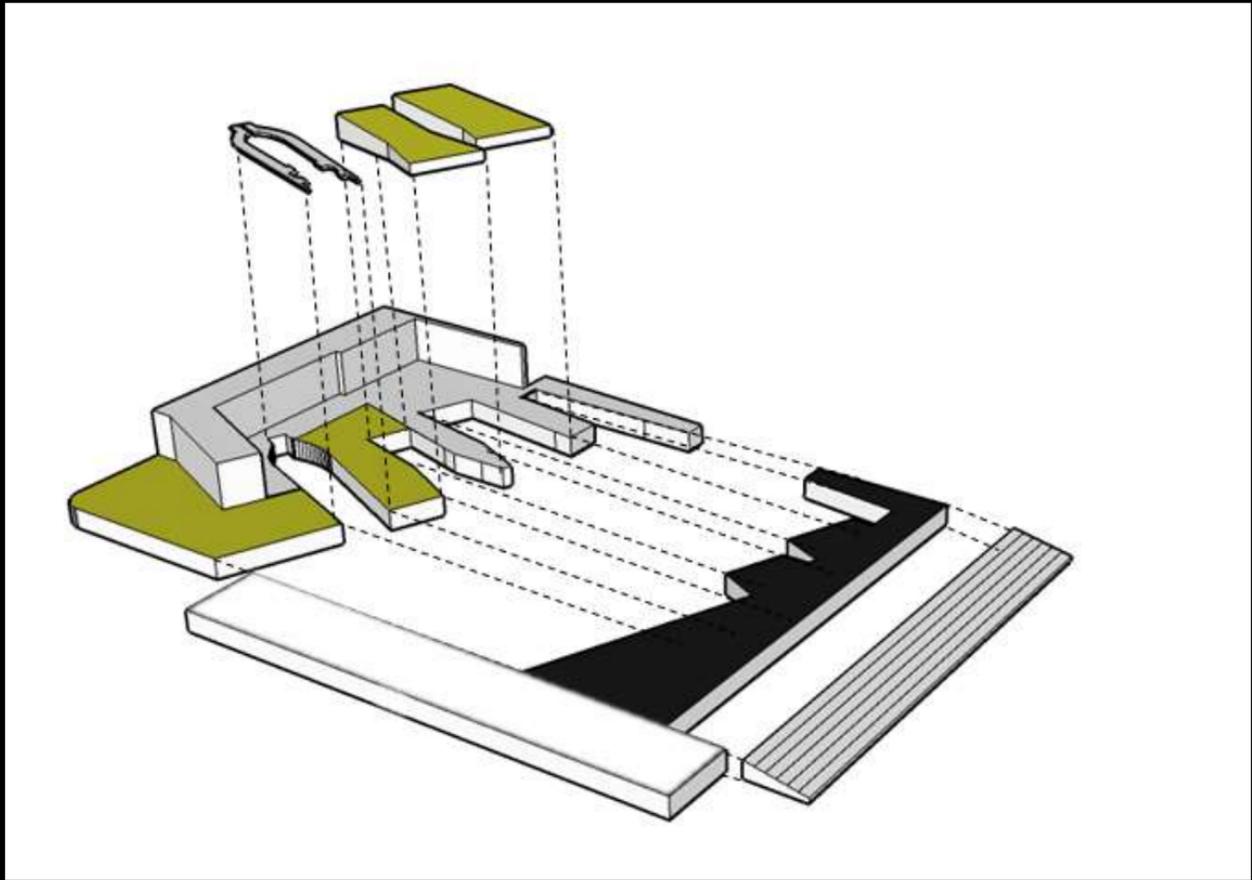
GENERAL PLAN



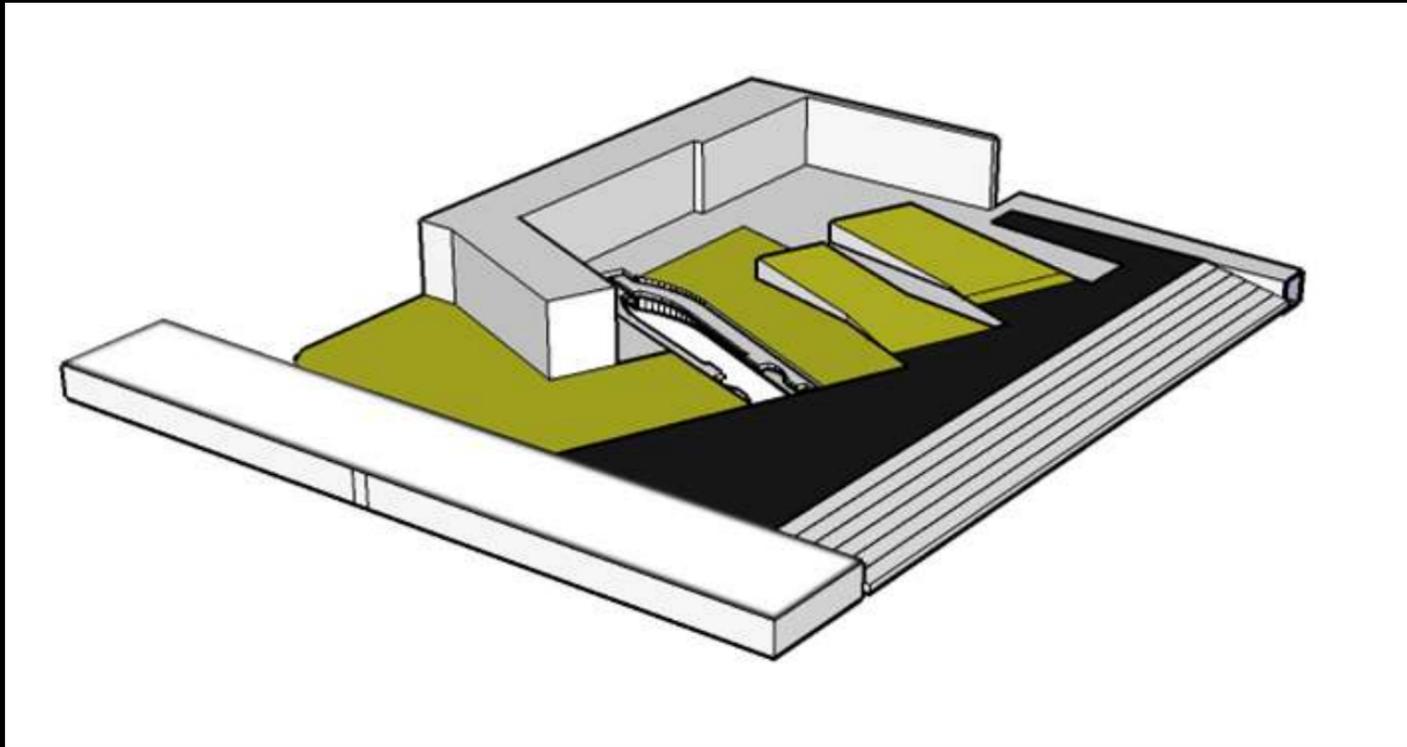


GENERAL PLAN





PROPOSE



PROPOSE



LOCATION DURING THE INTERVENTION



LOCATION DURING THE INTERVENTION



LOCATION DURING THE INTERVENTION



LOCATION DURING THE INTERVENTION



LOCATION DURING THE INTERVENTION



OUTCOME



OUTCOME



OUTCOME



OUTCOME



OUTCOME



OUTCOME



OUTCOME



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OUTCOME



OUTCOME

# ANTWERP WATERFRONT

2010 - ...

Antwerp, Belgium



ANTWERP, BELGIUM



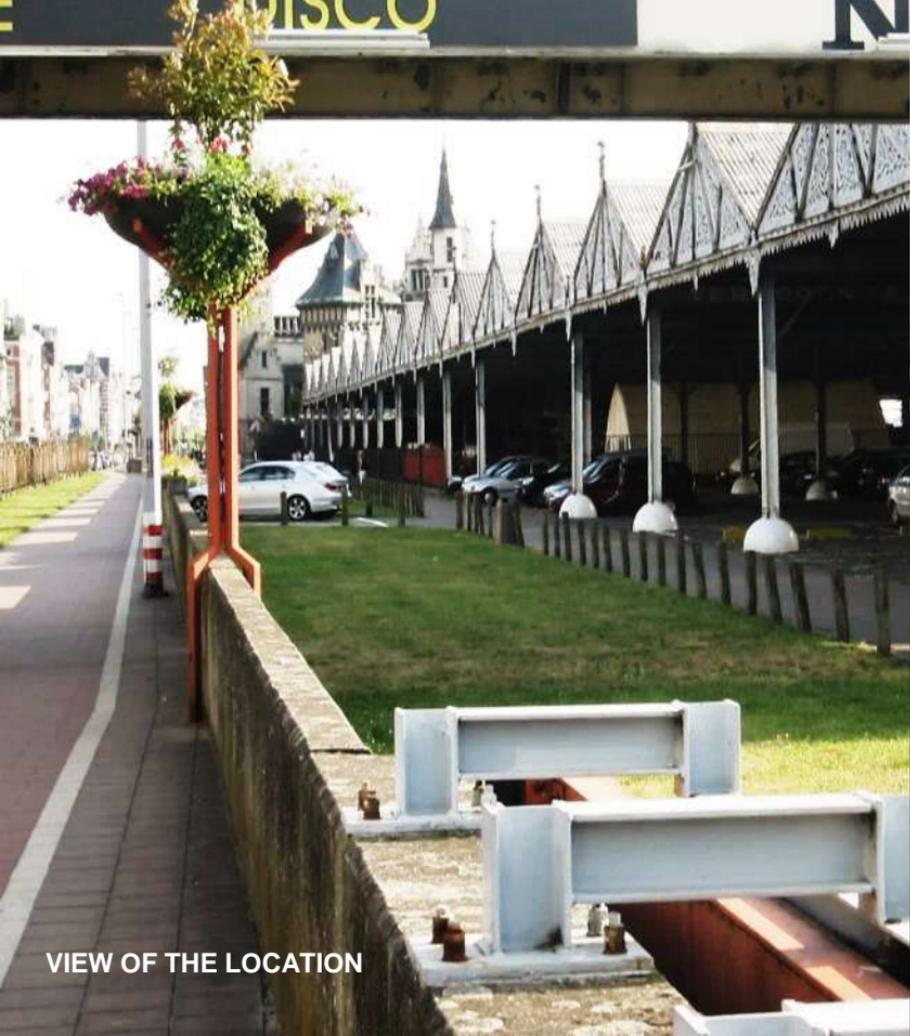
SCHELDT RIVER, ANTWERP



VIEW OF THE LOCATION



**VIEW OF THE LOCATION**



VIEW OF THE LOCATION





VIEW OF THE LOCATION





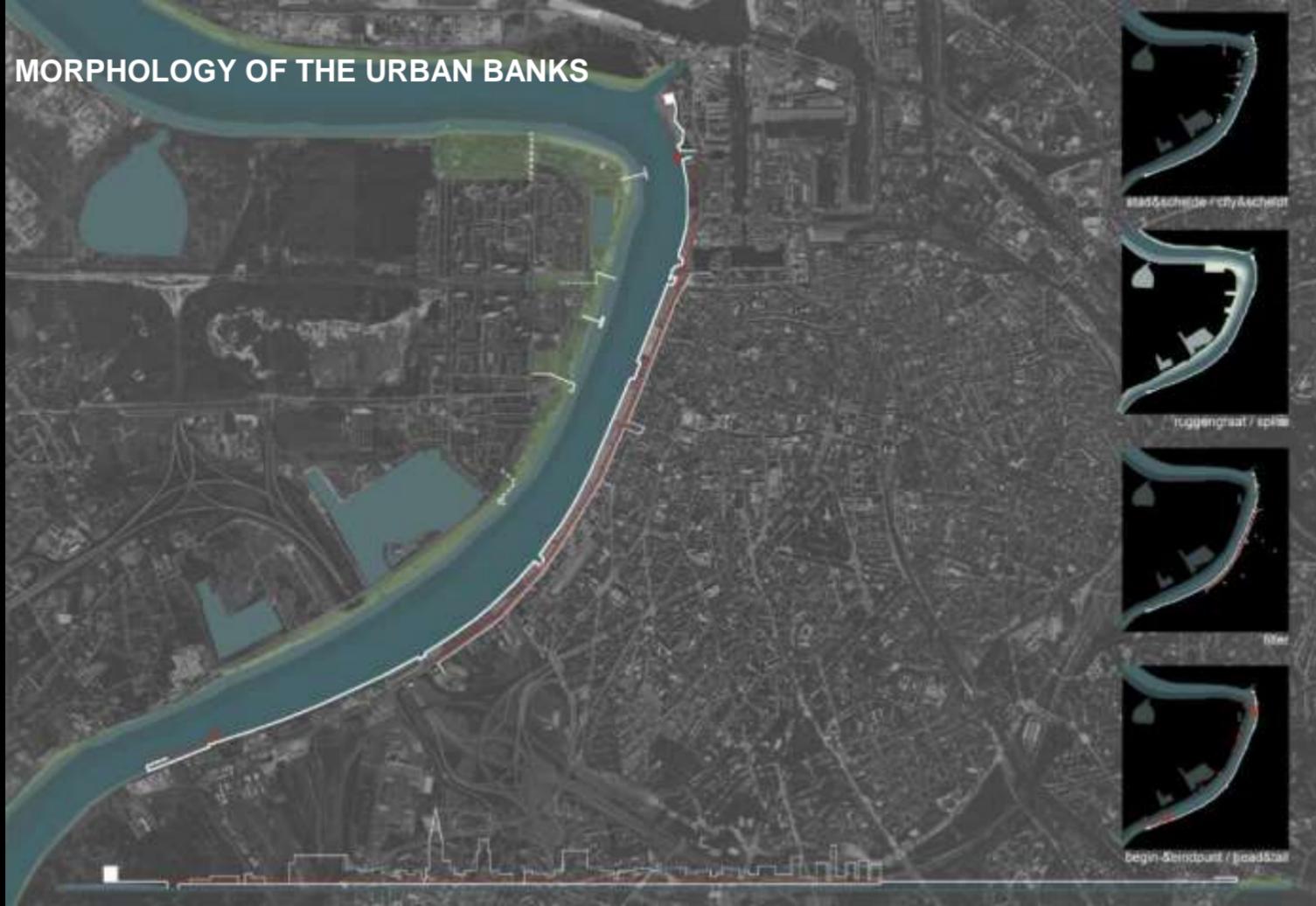
VIEW OF THE LOCATION



VIEW OF THE LOCATION



# MORPHOLOGY OF THE URBAN BANKS



stadsscheide / chryscheit

ruggegraat / spleet

teler

begin Seindoort / loodstail

# PRINT OF THE HARBOUR ACTIVITIES



© Greenpeace, Anthon  
Olefinerstrasse 100, 05111 Pöhlitz  
Aufwuchs, Windräder und Transparenz  
Voll Tiborg in Karen's. Anthon  
1306, p. 41

# BUNDLING OF PASSAGES



# URBAN STREET FOR LOCAL TRAFIC



# DECOMPRESSION ZONE FOR THE CITY





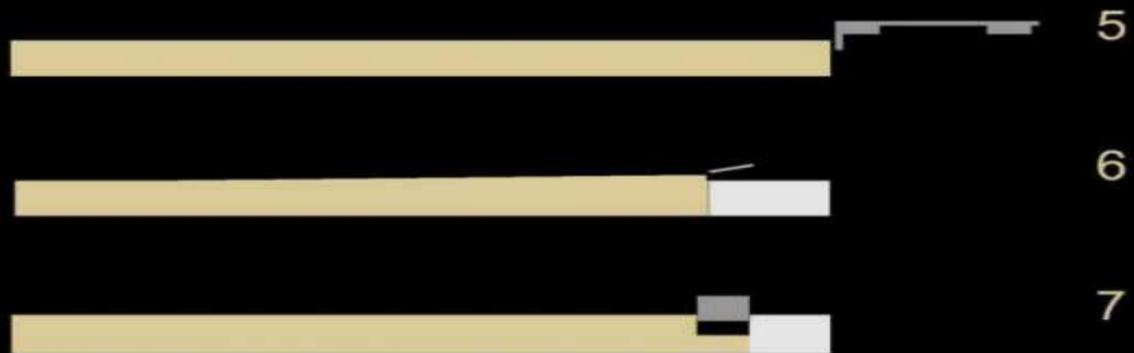
1

2

3

4

TYPOLOGICAL SECTION



TYPOLOGICAL SECTION



8

9

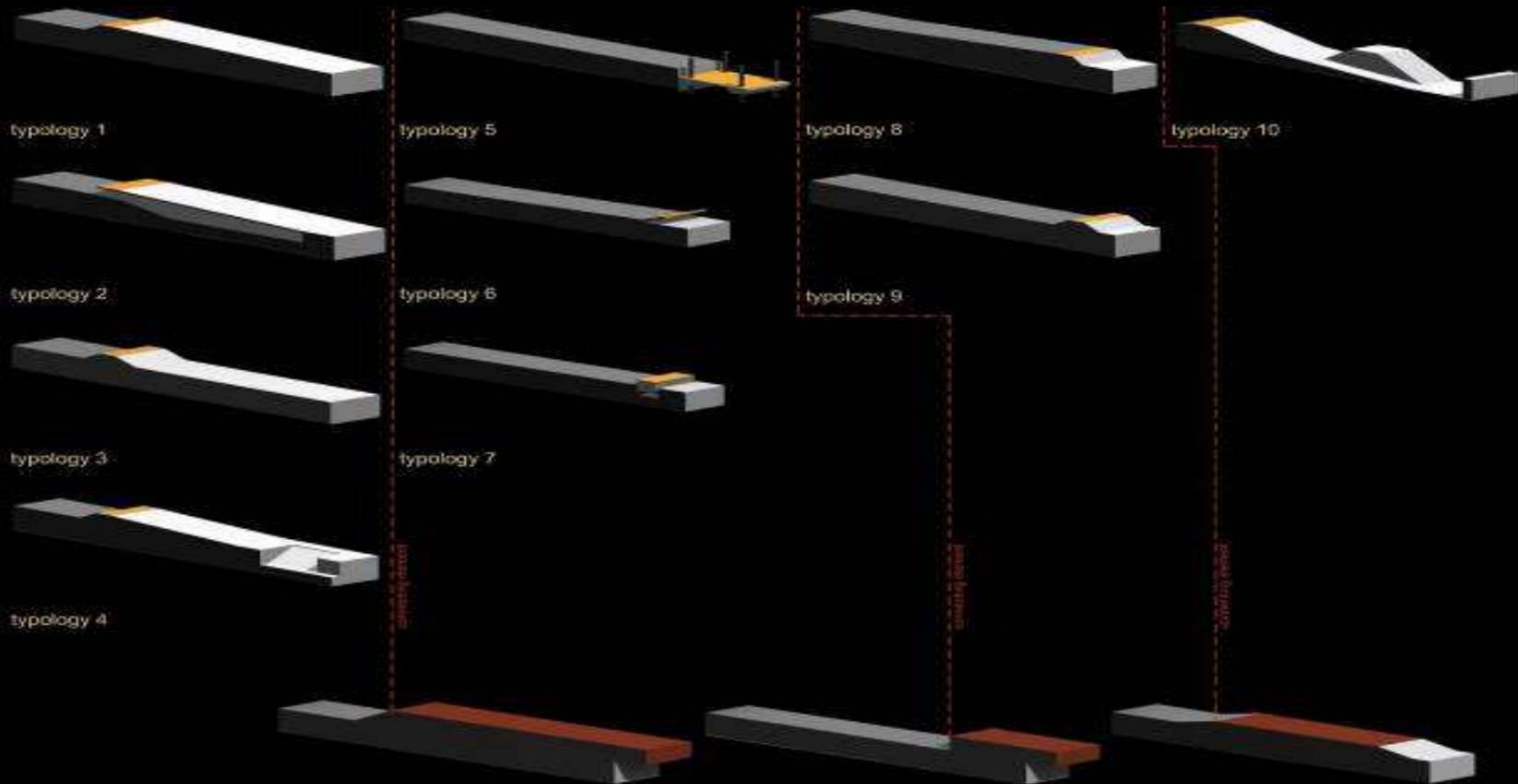
TYPOLOGICAL SECTION



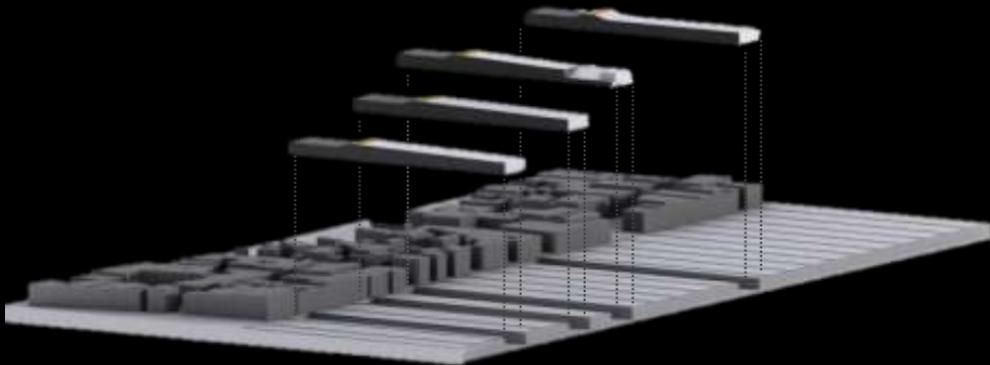
10

TYPOLOGICAL SECTION





GAME RULES



Select the typology pieces according to the strategic options.

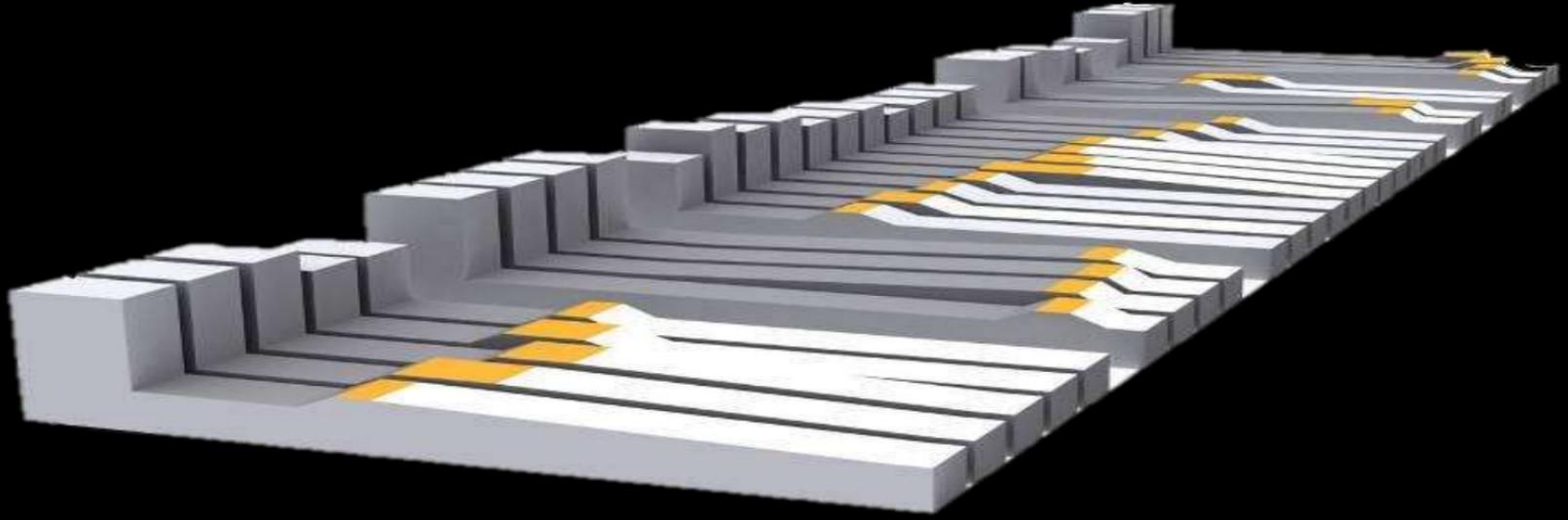
1

2

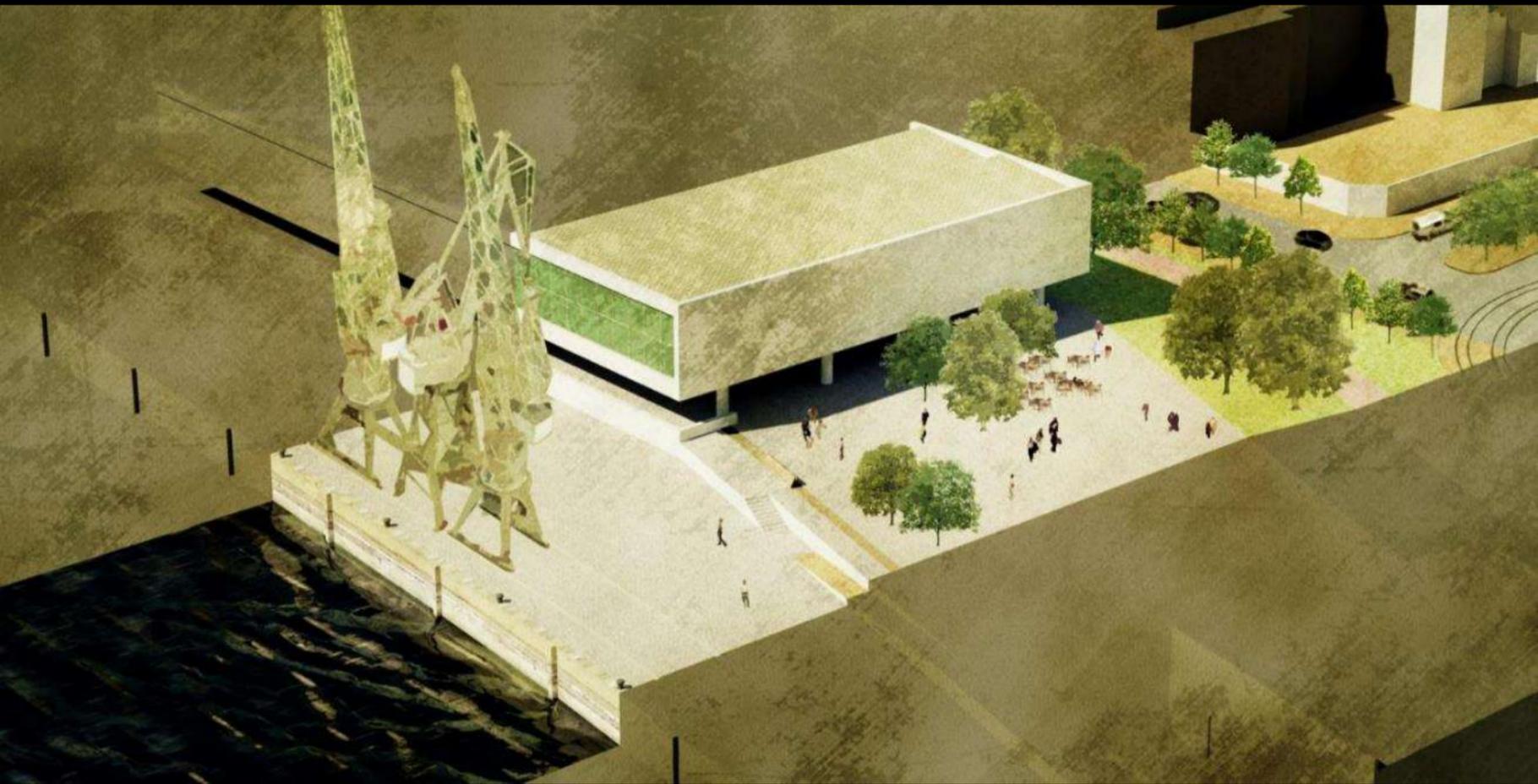
The following key will help in the application of the strategic view



## GAME RULES



The transition between different typologies requires special keys, special tones, and the consequent diversity enrichment (piano black keys);

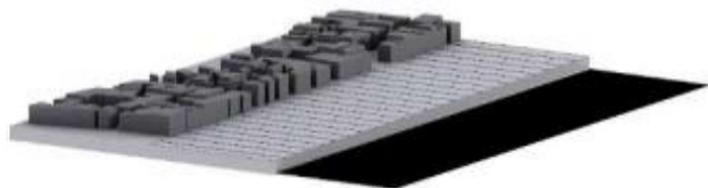


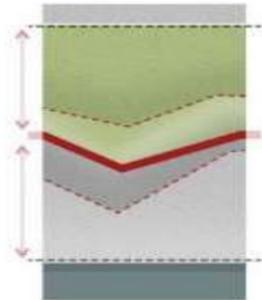
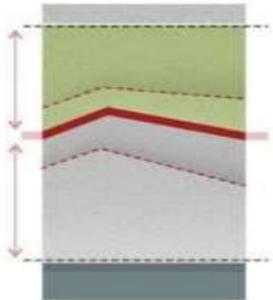
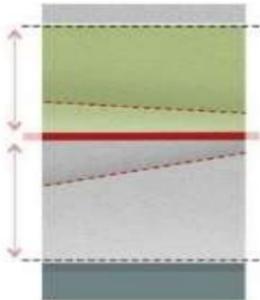
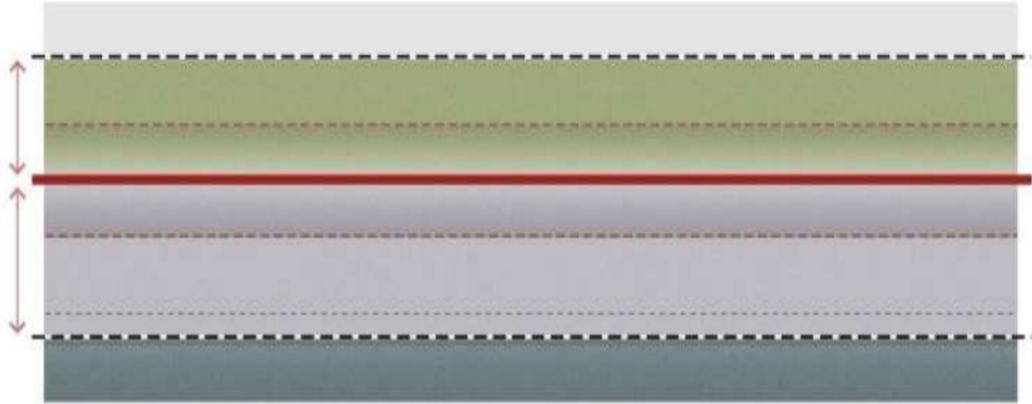




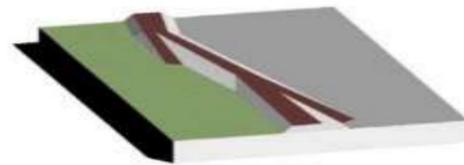
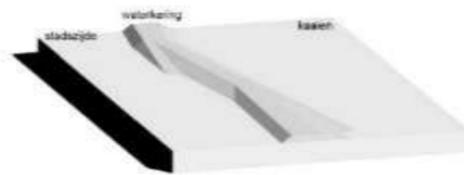
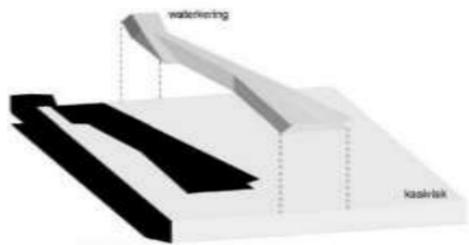


LOCATION PLAN



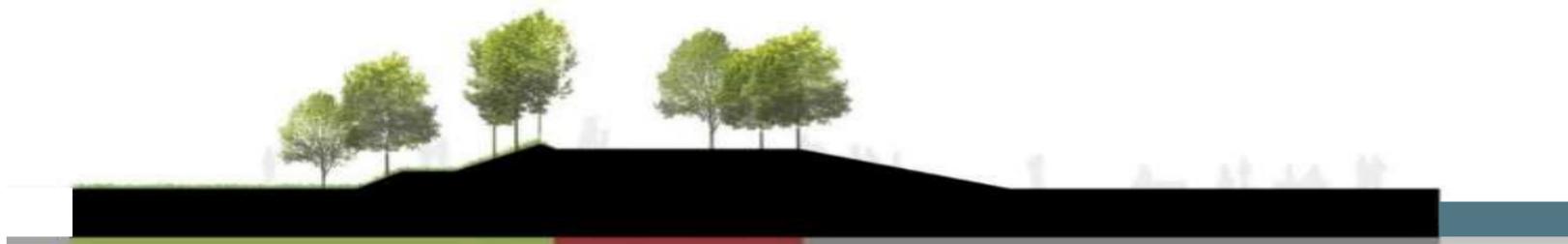


**DESIGN PRINCIPLES FOR THE WATER BARRIER**

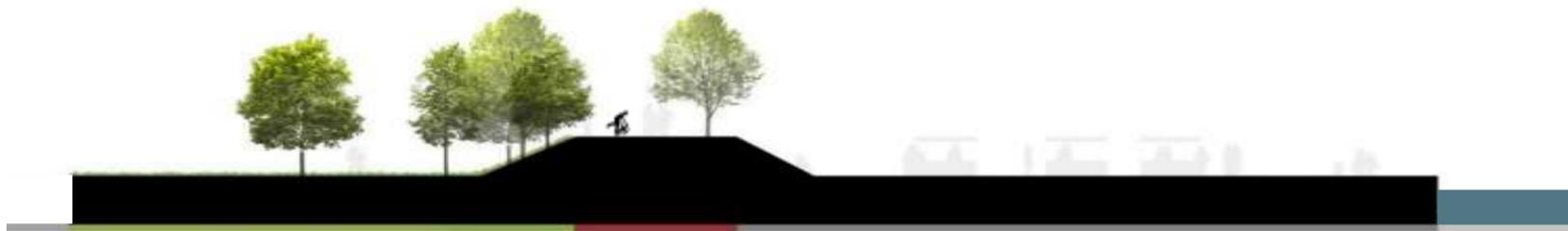








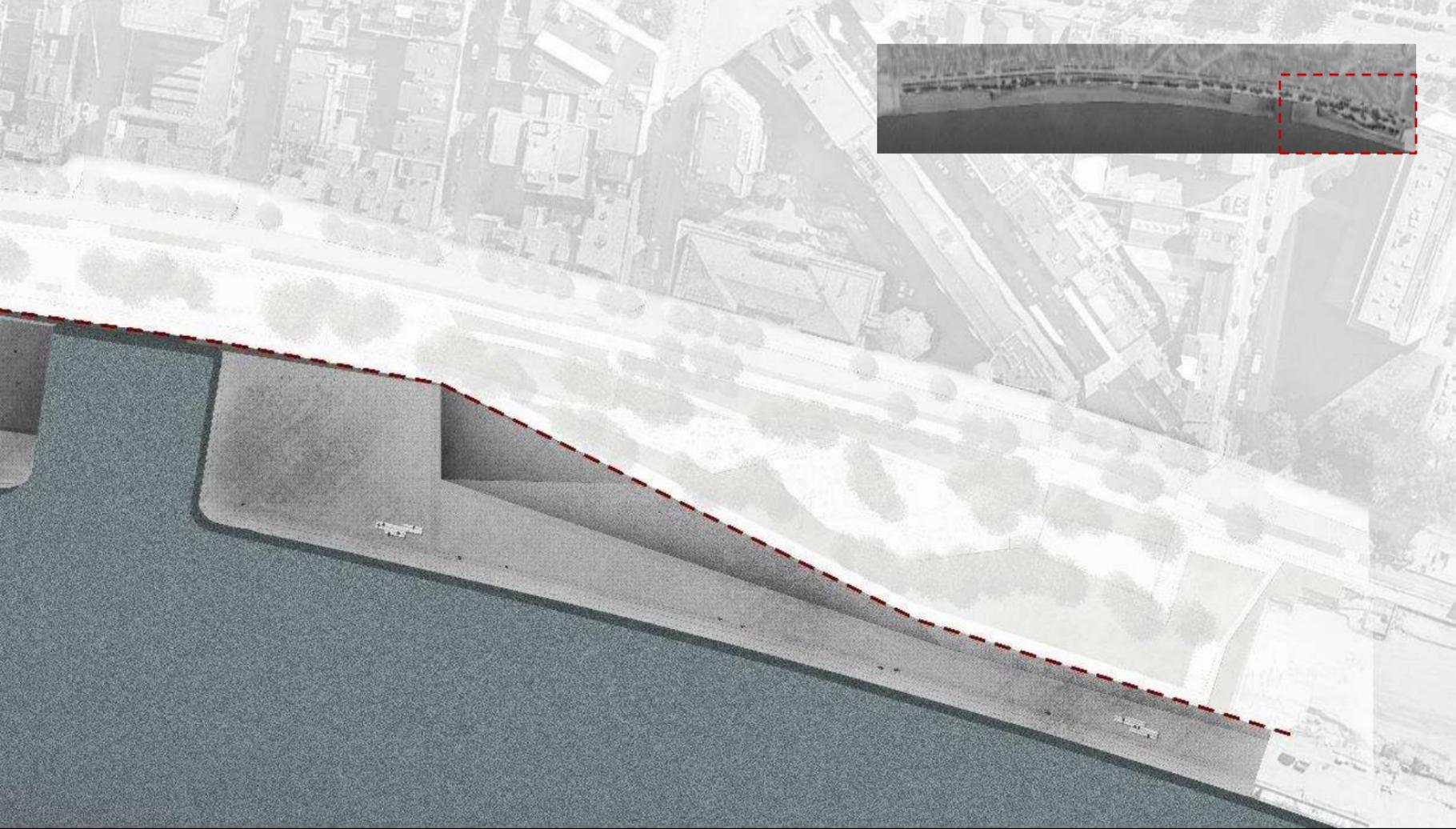


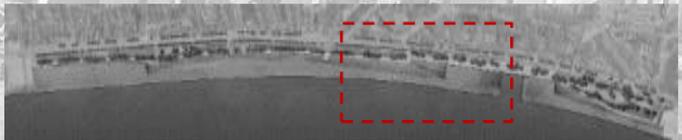


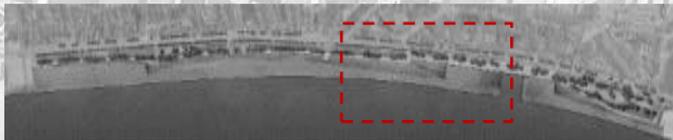


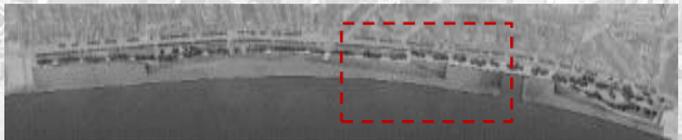
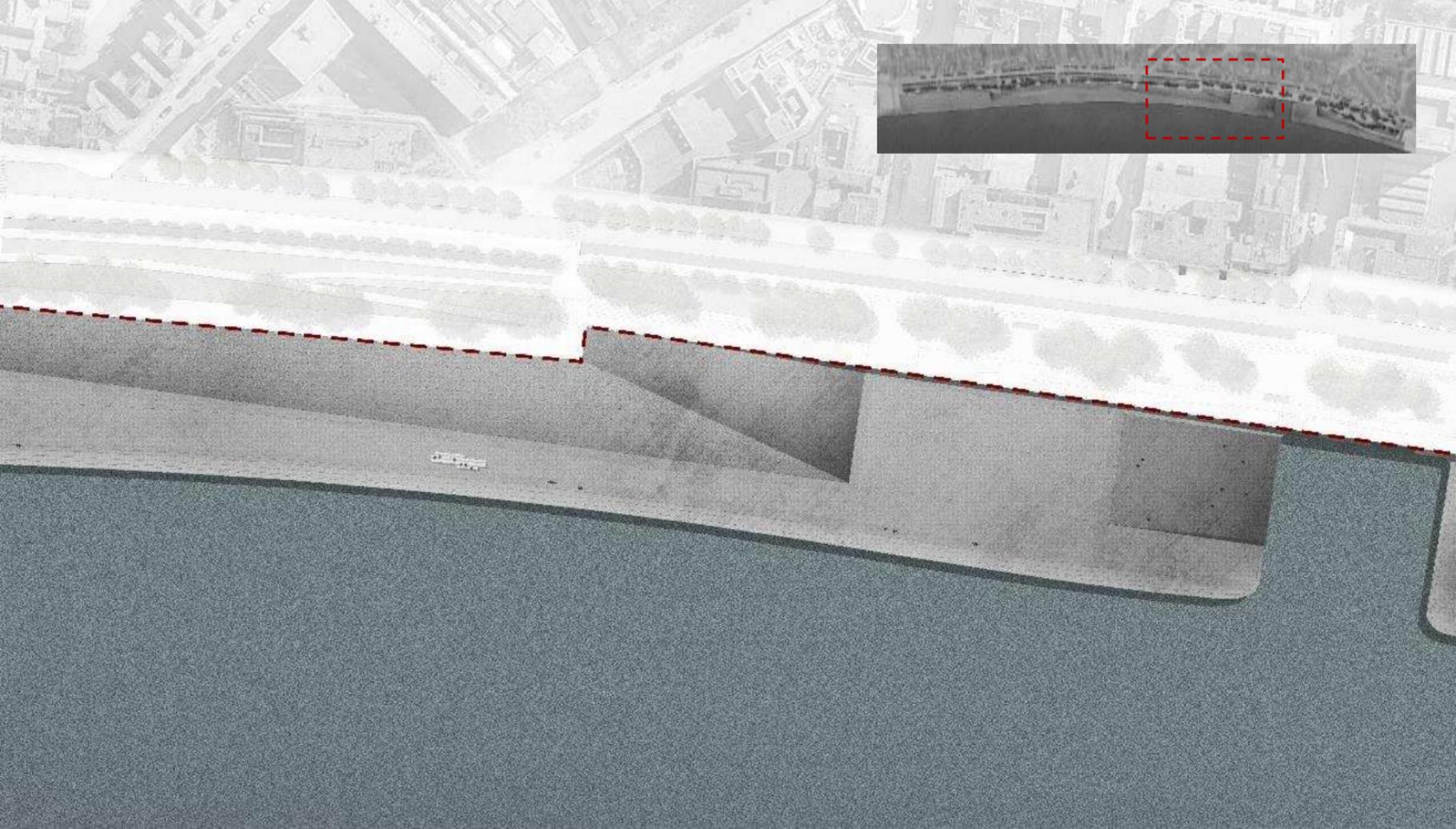




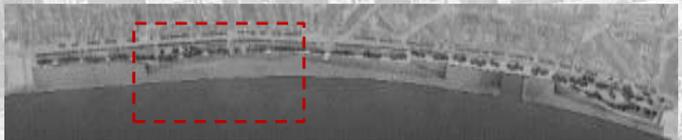


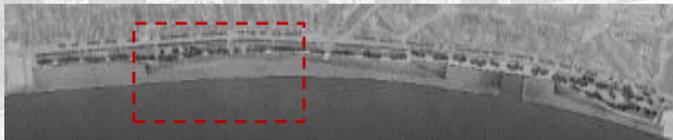
















**BLUESTONE TALUS WITH VARIOUS STEREOTOMY AND APPLICATIONS**



**VIEW OF THE QUAY AND BLUESTONE PATHWAYS CONNECTING TO THE CITY SIDE**



LOCATION DURING THE INTERVENTION



LOCATION DURING THE INTERVENTION



LOCATION DURING THE INTERVENTION



OUTCOME



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*Codificar os elementos naturais, interpretar a essência das formas, na definição de uma maneira de fazer: metabólica, perceptiva, funcional; natureza, artifício, paisagem.*