

Eight *parks*, eight ideas of a city.

The landscapes of urban development in Lisbon, Portugal

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Eight parks, eight ideas of a city.

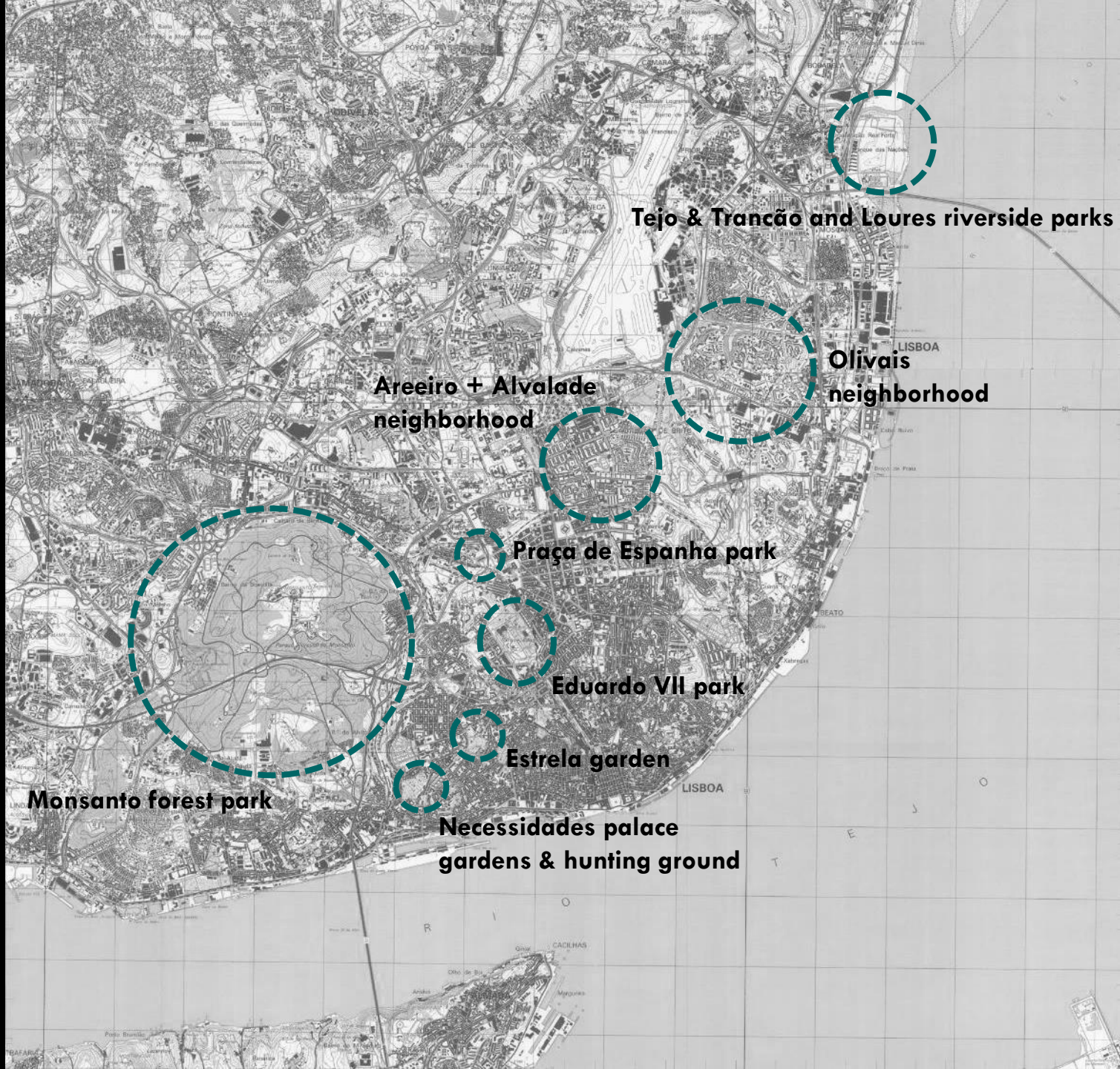
The landscapes of urban development in Lisbon, Portugal

What idea of city can be unraveled from the interpretative reading of the green space?

What role do these spaces play in the morphological definition of urban space?

Eight parks in Lisbon

- Necessidades palace gardens mid-18th century
- Estrela garden 1852
- Eduardo VII park 1887 | 1899 | 1940
- Monsanto forest park 1867 | 1927 | 1937
- Areeiro & Alvalade neighborhoods 1938-1945
- Olivais neighborhood 1955-61
- Tejo, Trancão & Loures riverside parks 1994-98 | 2018-23
- Praça de Espanha park 2019-21



Tejo & Trancão and Loures riverside parks



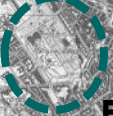
**Olivais
neighborhood**



**Areeiro + Alvalade
neighborhood**



Praça de Espanha park



Eduardo VII park



Estrela garden

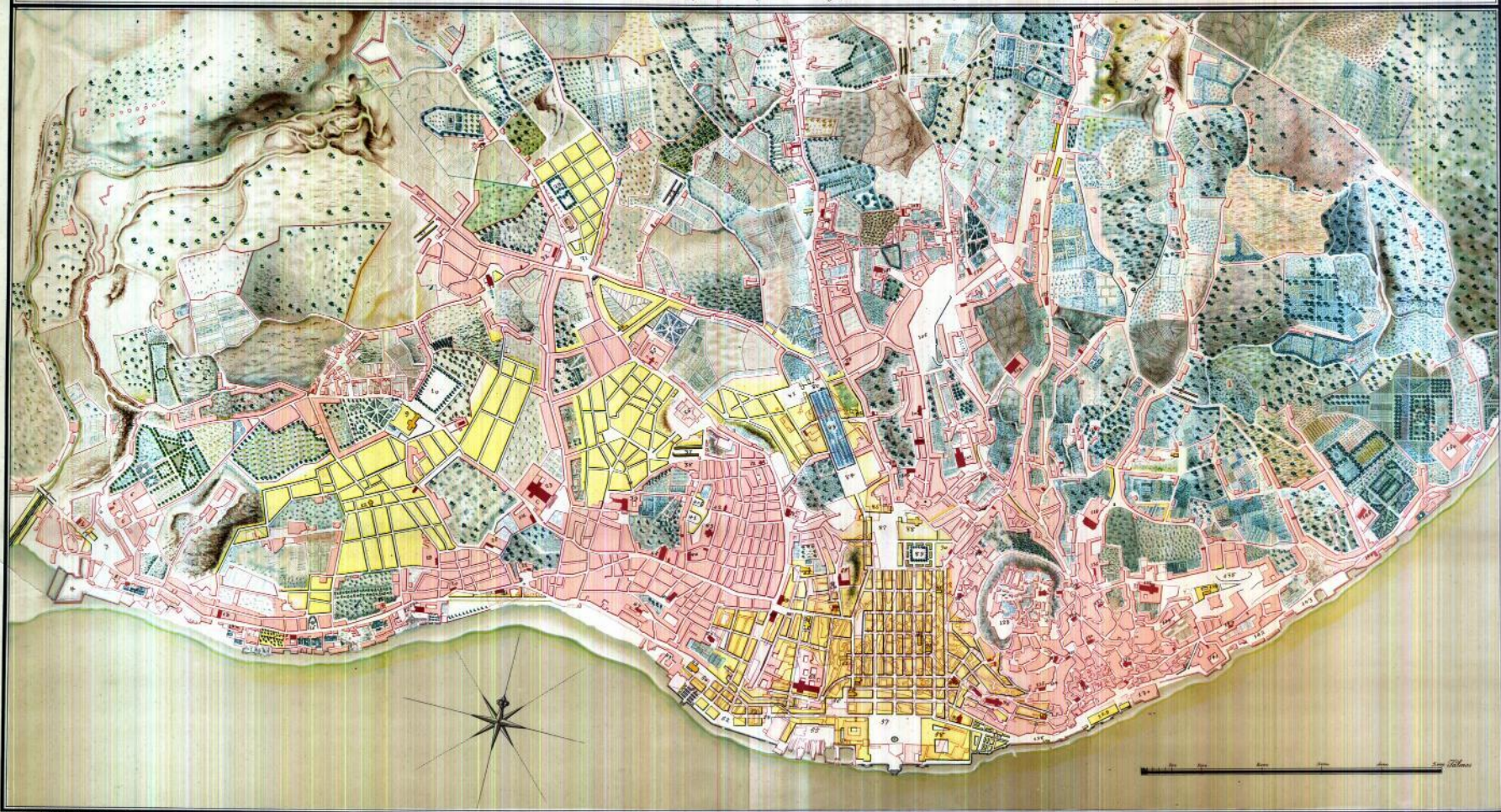


Monsanto forest park



**Necessidades palace
gardens & hunting ground**

Planta Topographica da Cidade de Lisboa, comprehendendo nasua extençãõ a beira Mar da Ponte d'Alcantara, até ao Convento das Comendadeiras dos Santos, e sua largura da Real Praça de Commercio até ao Collegio dos Religiozos.
Agulhas da calça na Rua de S. Sebastião da bôrrea. Lada d'elcan he vermelho he que se costuma vir antigo, e vermelho mais vivo de actuaes Igrejas: O canho amarello, o Arço do dono do Mano, e amarello mais vivo as Igrejas novas

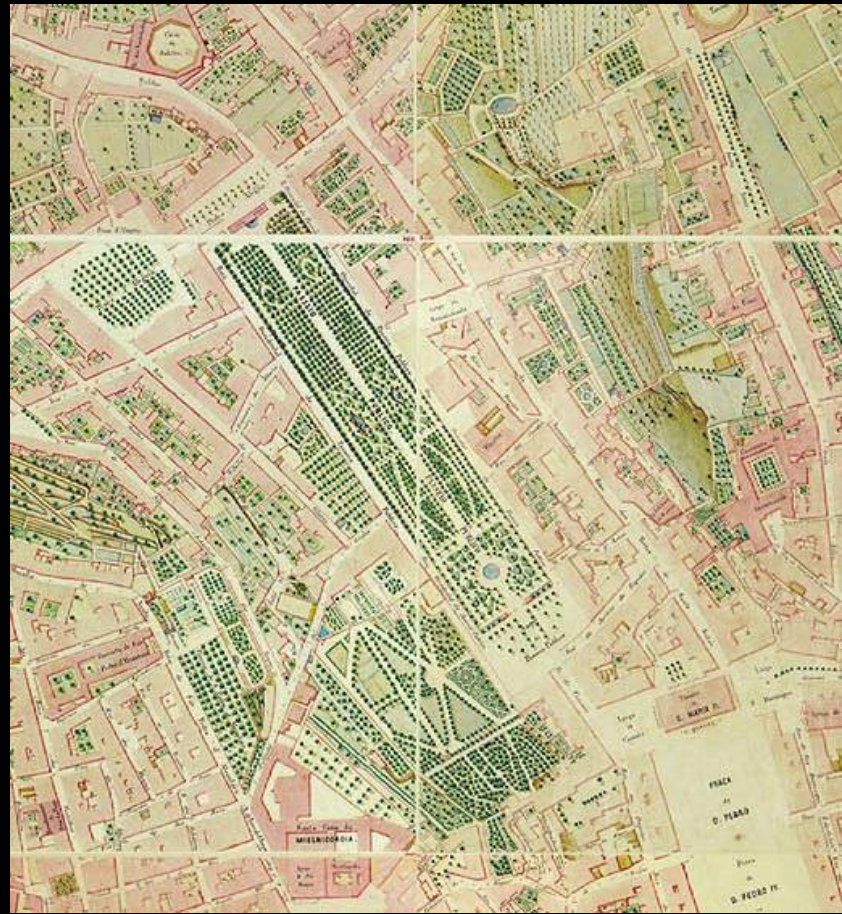
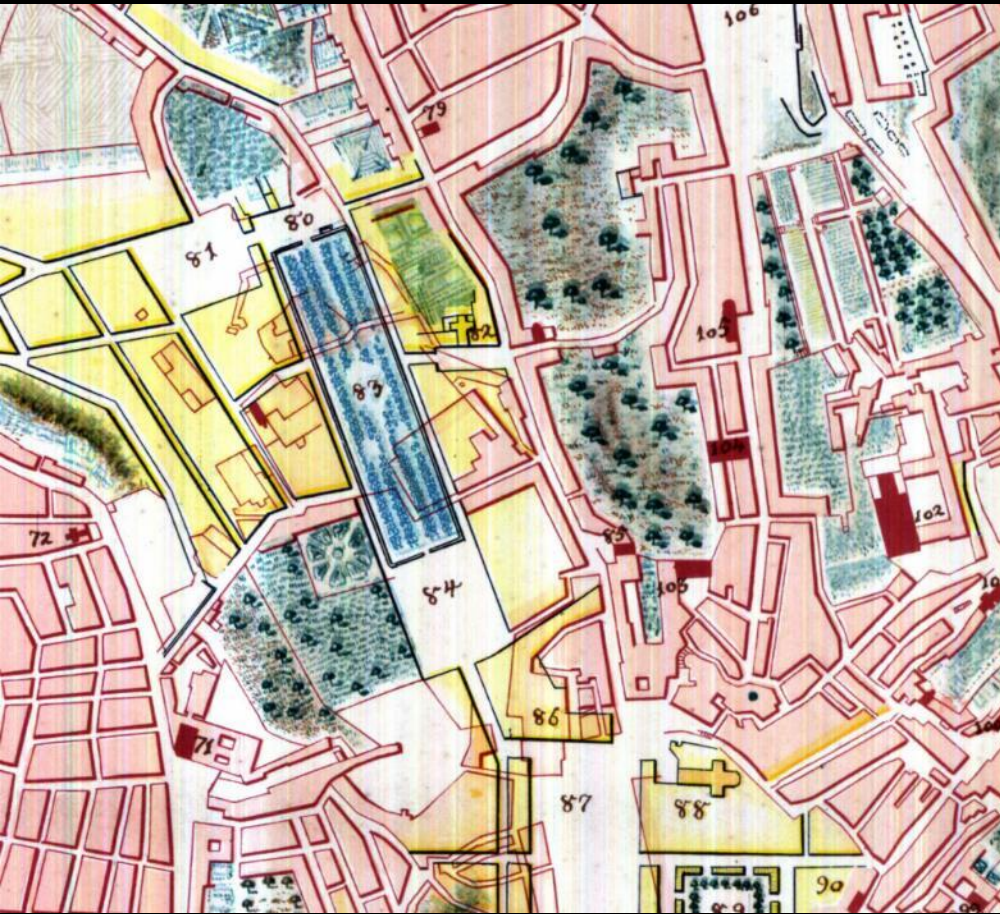


Segun o Plano Official da Cid. de Portugal. Lisboa











**Necessidades palace garden and hunting ground:
Enclosed spaces for scenic and controlled nature**

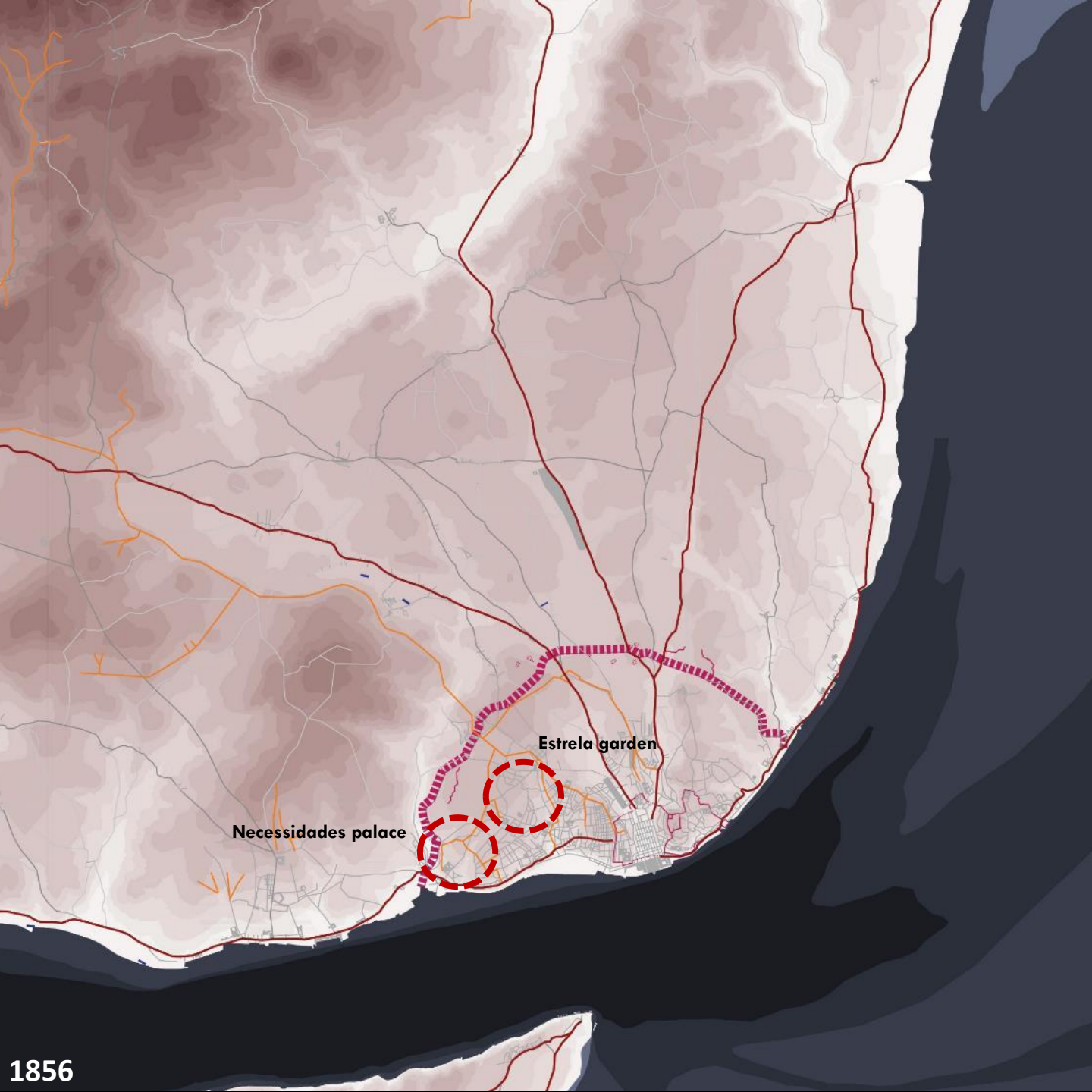






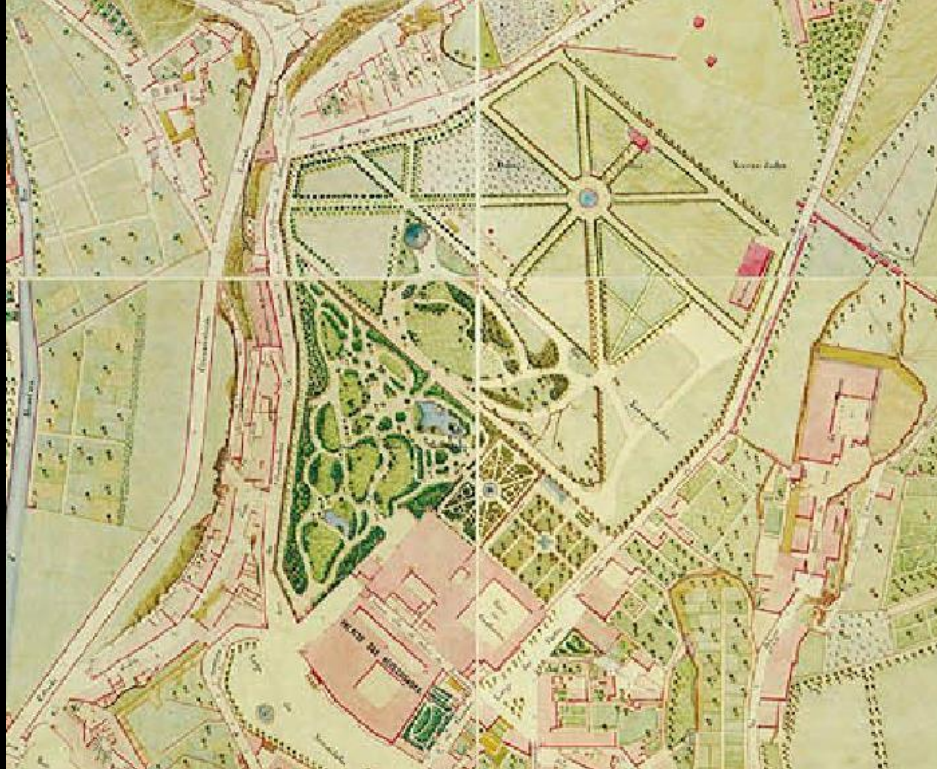
1856

Territorial transformations:
roads, main infrastructures,
relevant buildings
(source: Santos, 2012, 2024)



1856

Territorial transformations:
roads, main infrastructures,
relevant buildings
(source: Santos, 2012, 2024)







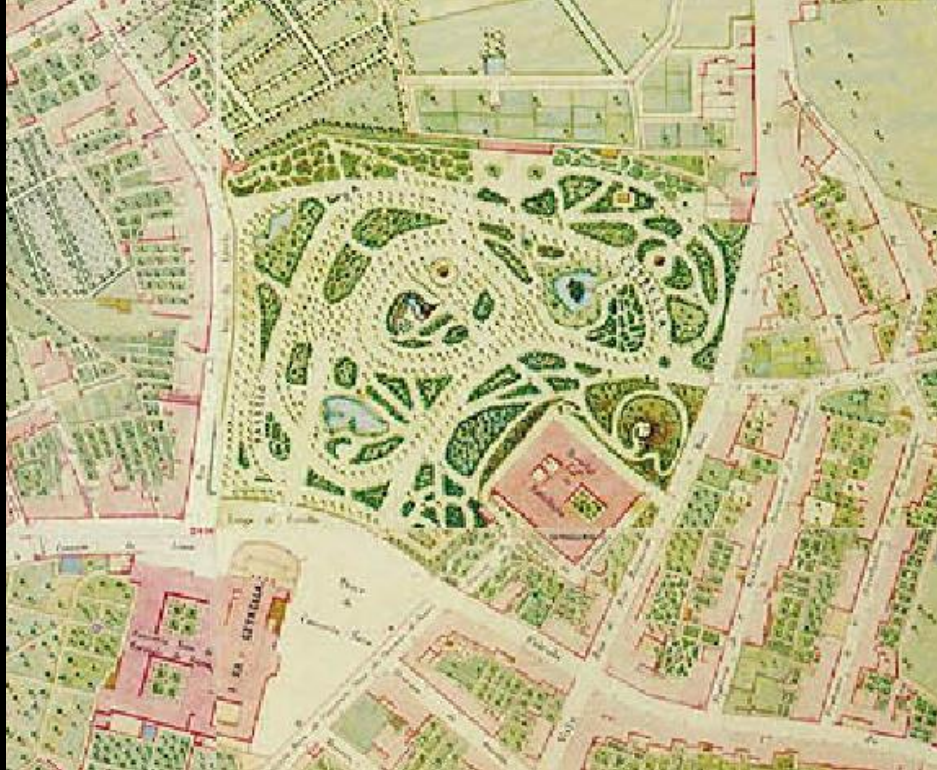
Estrela garden:

defining a new type of green urban space for social use













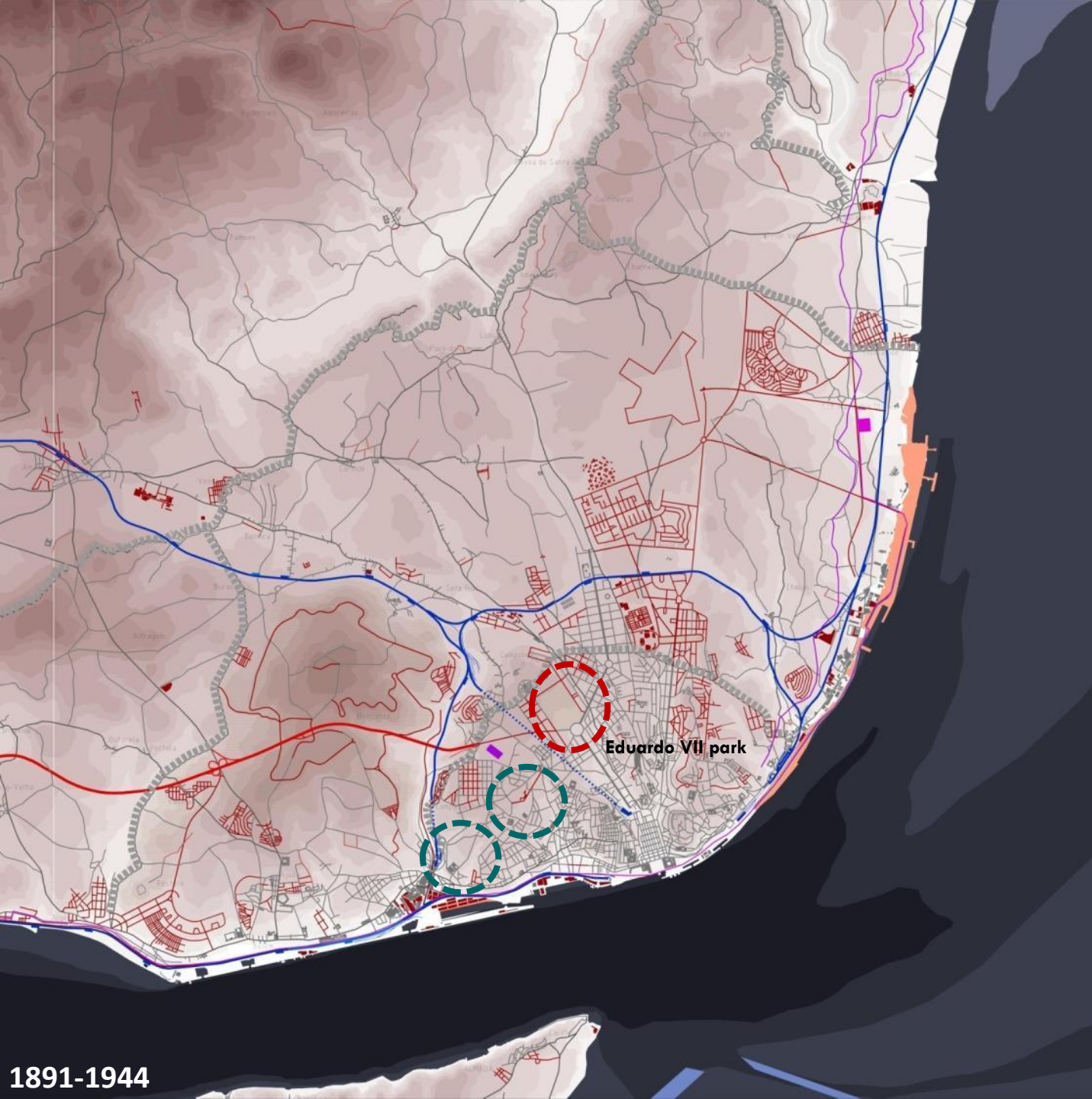




**Eduardo VII park and the idea of axial growth:
Between infrastructural space and compositional scenario**







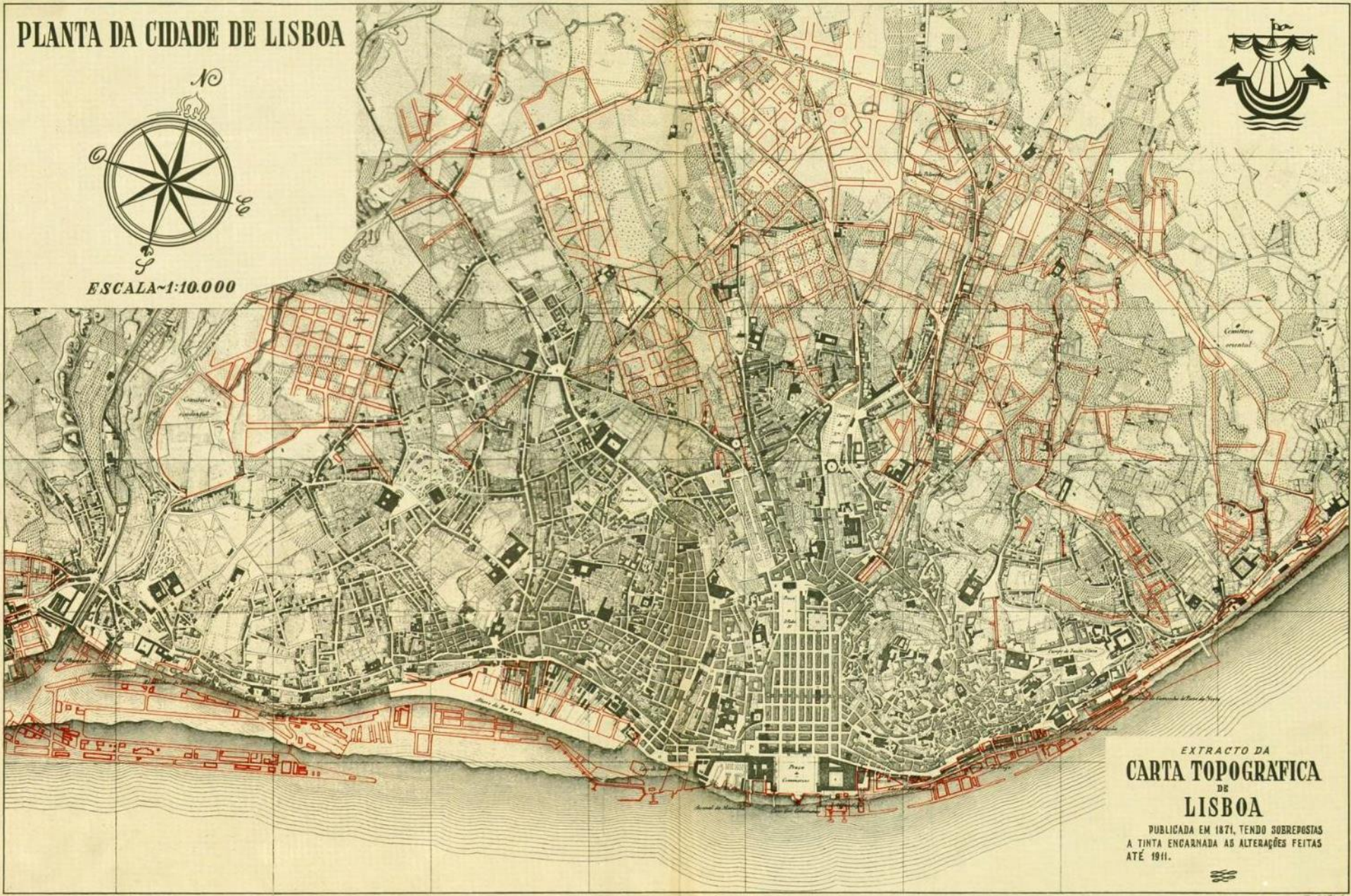
1891-1944

Territorial transformations:
roads, main infrastructures,
relevant buildings
(source: Santos, 2012)

PLANTA DA CIDADE DE LISBOA



ESCALA ~ 1:10.000

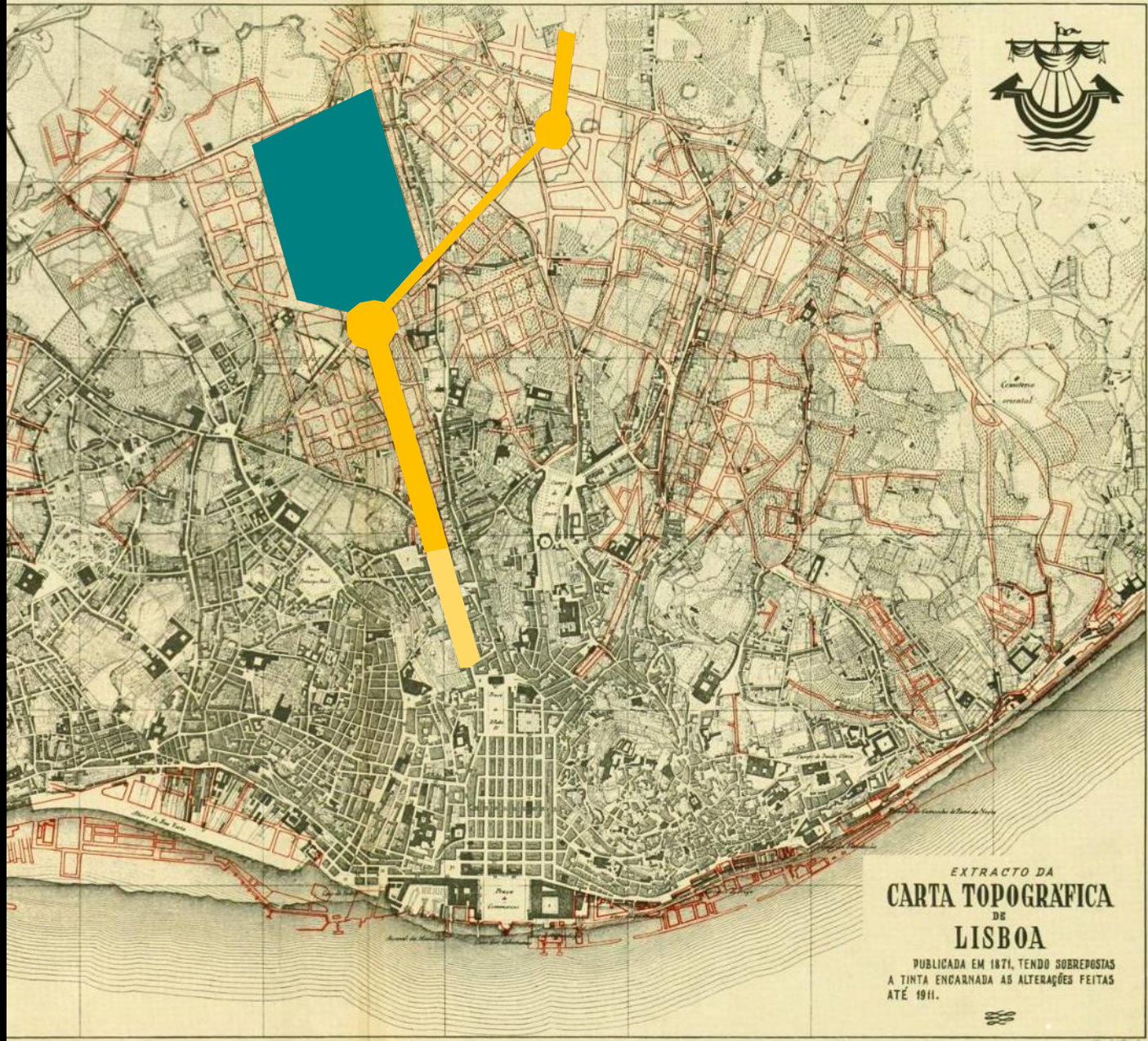


EXTRACTO DA
CARTA TOPOGRAFICA
DE
LISBOA

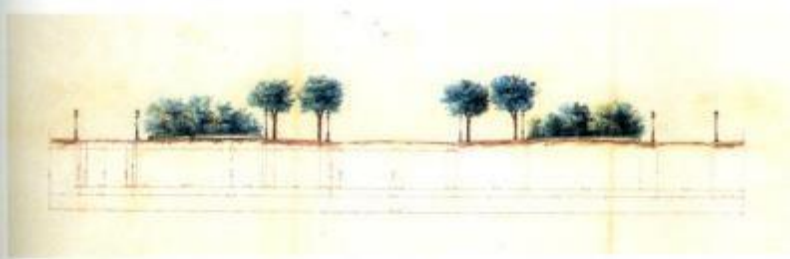
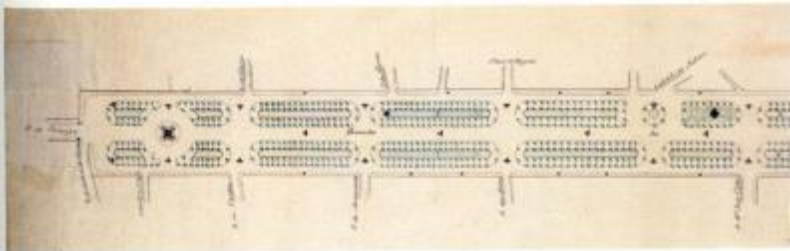
PUBLICADA EM 1871, TENDO SOBREPOSTAS
A TINTA ENCARNADA AS ALTERAÇÕES FEITAS
ATÉ 1911.



Lisboa – transformation 1871-1911

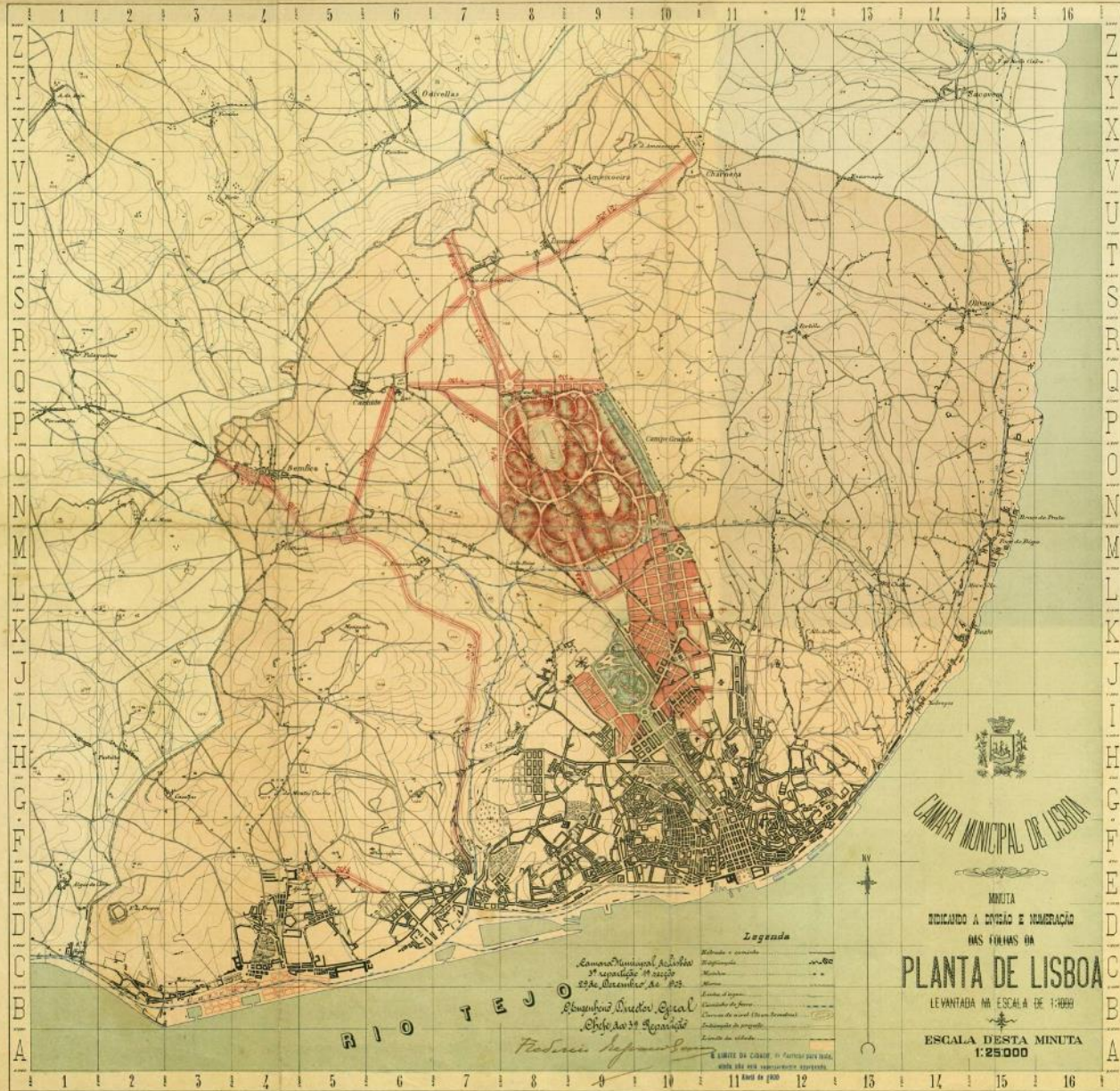


Lisboa – transformation 1871-1911



1879-1903



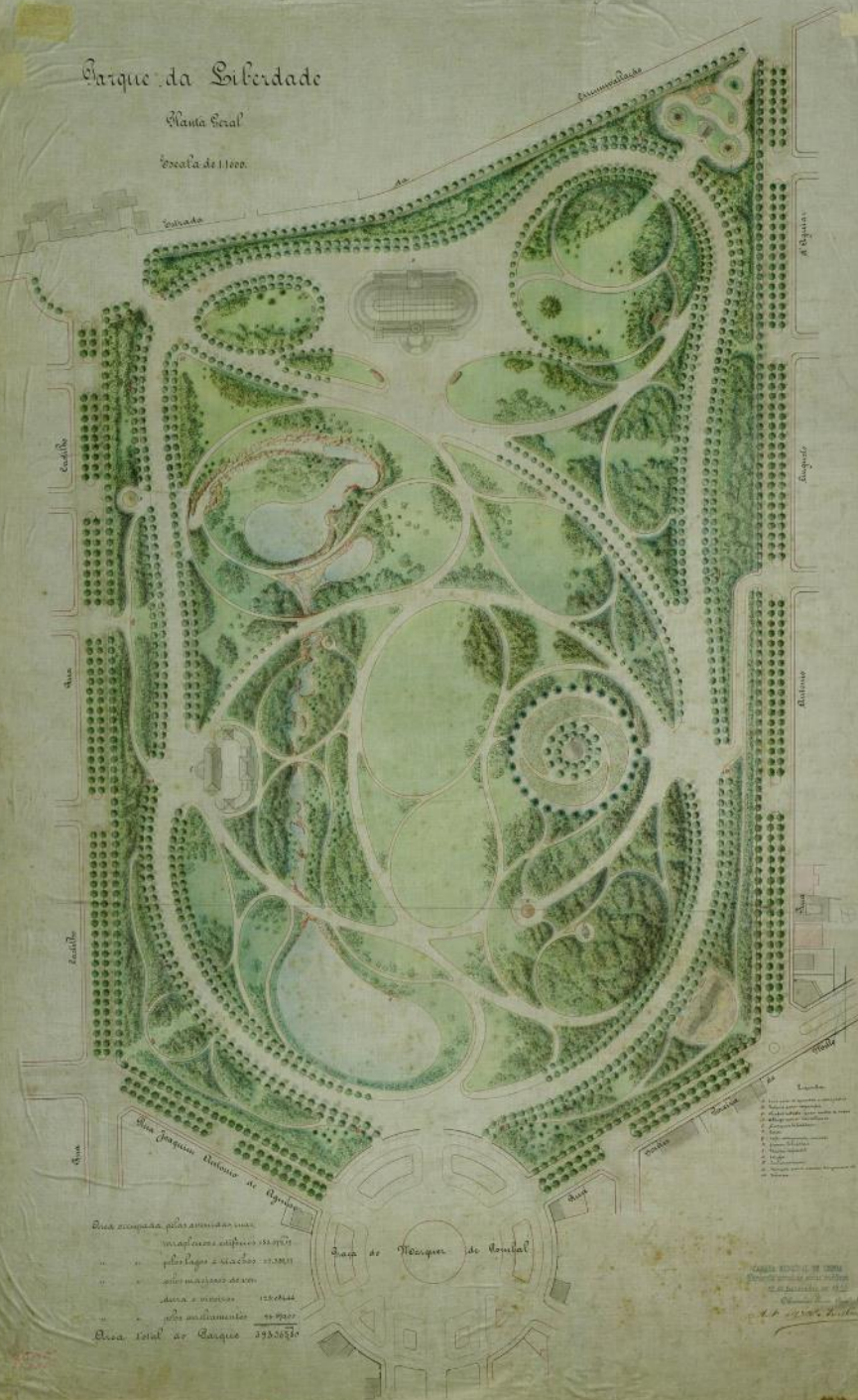


Plano Geral de Melhoramentos
1903

Parque da Liberdade

Planta Geral

Escola de 11000



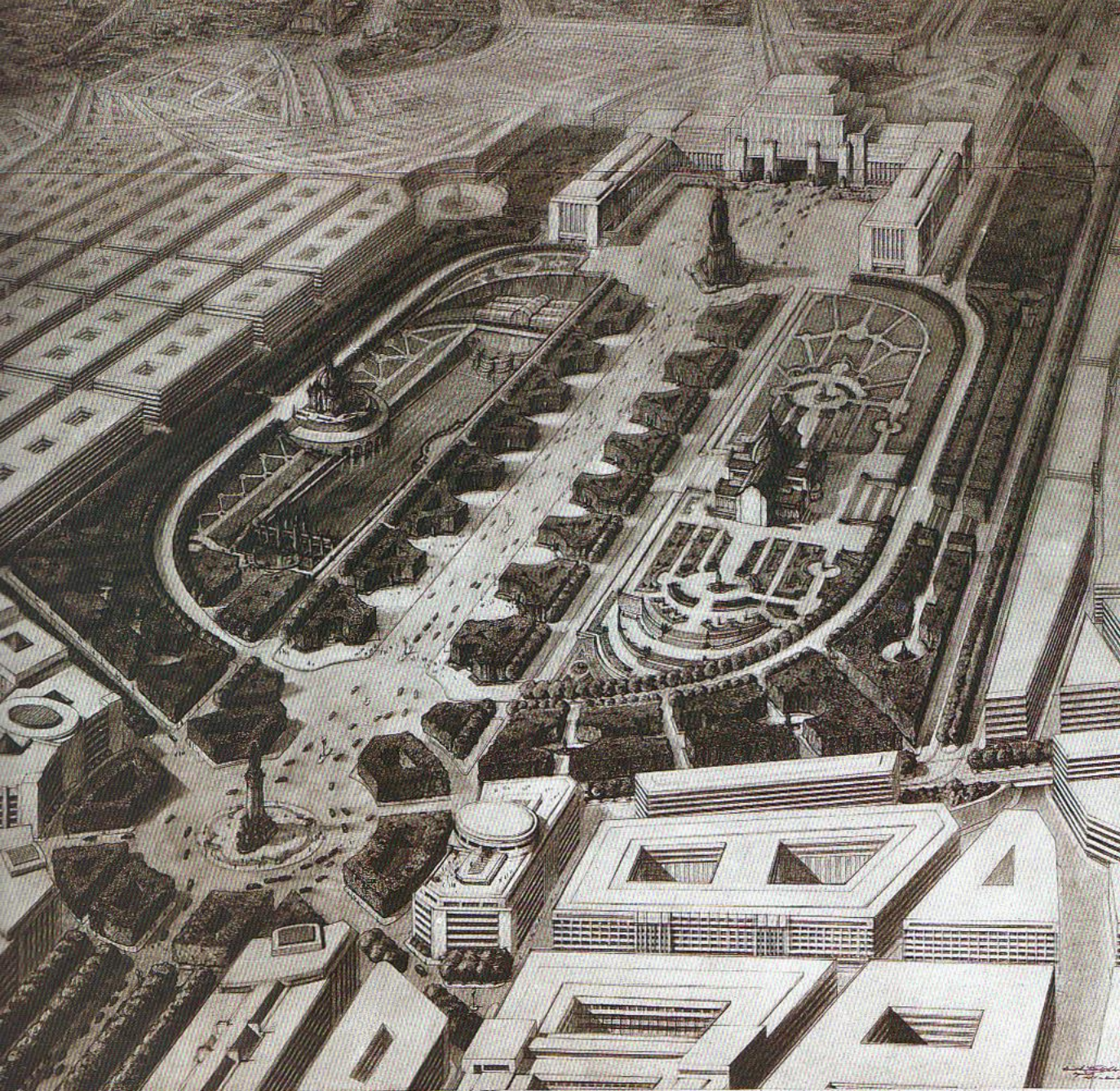
Área ocupada pelas construções em m²

| | |
|----------------------|-------|
| Parque de 11000 | 11000 |
| Área a ser ocupada | 12000 |
| Área total do Parque | 23000 |

Parque de 11000

- 1. ...
- 2. ...
- 3. ...
- 4. ...
- 5. ...
- 6. ...
- 7. ...
- 8. ...
- 9. ...
- 10. ...

Projecto para o Parque da Liberdade
1899



ESTUDO DO PROLONGAMENTO DA AVENIDA DA LIBERDADE ATRAVEZ DO PARQUE EDUARDO VII

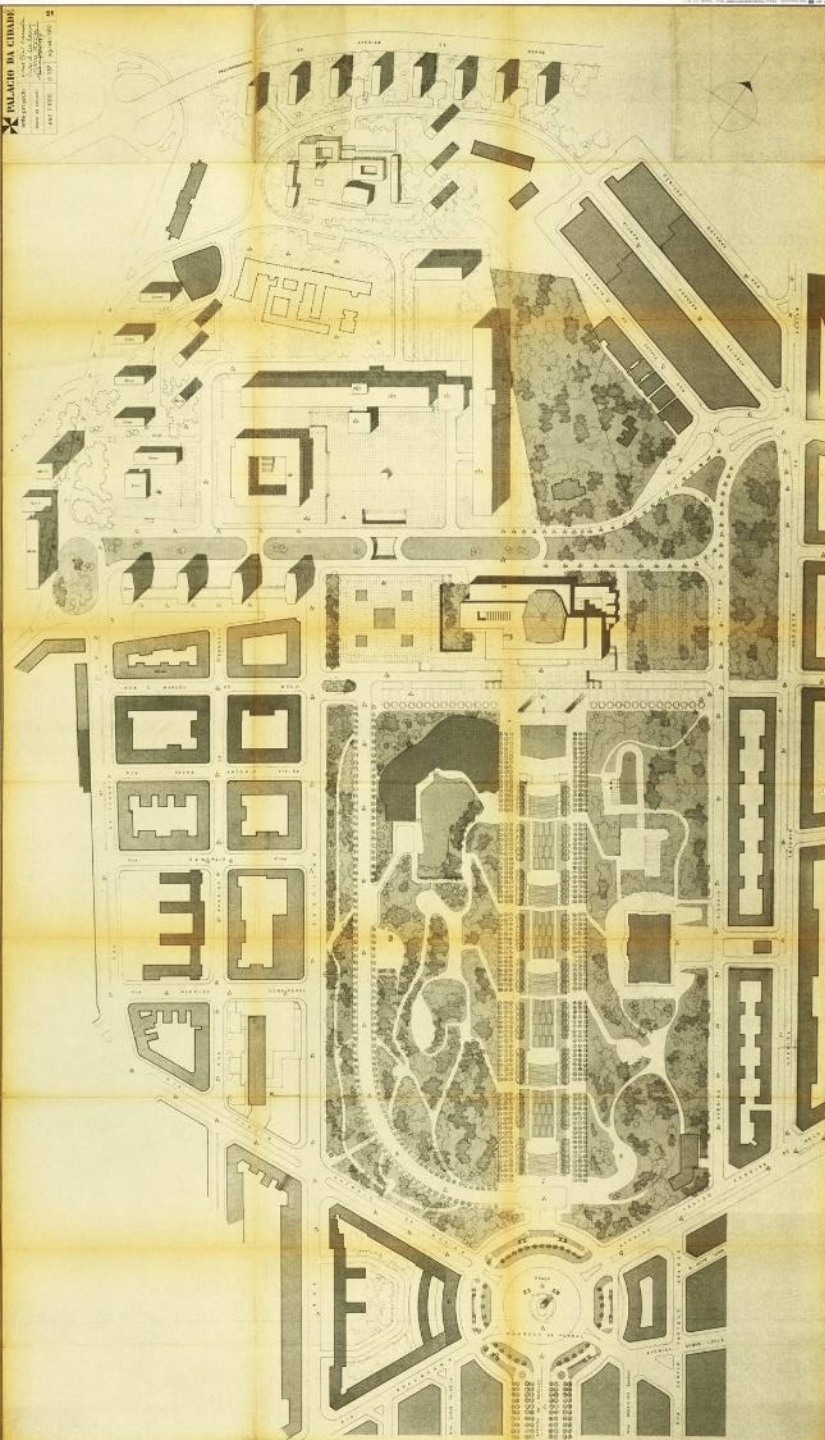
AVANÇO MECÂNICA ACELERADA QUE DE ANO ANO ALTA ANO ALTA NUMA PROPOSIÇÃO CONSIDERÁVEL POR UMA NOVA SUGERIDA NO ESTUDO DE URBANIZAÇÃO DAS GRANDES CIDADES - A ABERTURA DE AMPLAS AVENIDAS EM LÍNEA RECTA PARTINDO DO CENTRO DAS CIDADES EM VÍCIO CIRCULAR PARA AFASTADA PERMITIR A CIRCULAÇÃO DE UM TRAFEGO E COMPLETO ACESSO AOS QUARTOS HABITACIONAIS POR ESTA AVENIDA - ADEQUADA NAS NECESSIDADES DA VIDA MODERNA E DO DESENVOLVIMENTO LOGICO DE LISBOA O PROLONGAMENTO DA AVENIDA DA LIBERDADE PERMITINDO A CONTINUAÇÃO DA VIDA COM A NOVA COMPENSAÇÃO ENTRE MONUMENTO E O LUGAR TORNA-SE UMA OBRA INSUPERÁVEL E DE URGENTE REALIZAÇÃO. NESTE ESTUDO, PREVÊ-SE O APROVEITAMENTO DE QUASE TODA A OBRA FEITA PELA CAMARA MUNICIPAL DE LISBOA NO PARQUE EDUARDO VII E ENCARA-SE O PARTIDO DO DESMORTELAMENTO E SHELZAMENTO DA CALÇE NOVA PARA A SUA EXOCCO. BASTARIA UM MONUMENTO DE TERMO DE LIMITAR A VIDA E FAZU COMPENSAÇÃO NA PARTE ABANDONADA PELA NOVA AVENIDA NÃO EM CENSO, O SEU TECTIVO, COM A VIDA NA CIDA MAS ELEVA-SE COMO PRIMATE DA NOVA AVENIDA, ABRI-SE VÍAS UMA GRACA MONUMENTAL DESTINADA A RECEBER O MONUMENTO GLORIFICANDO A REPUBLICA, EMOLURADA PELO MAGISTRO PALACIO DE JUSTICA.

Cristino da Silva
1930



1940 – framework of urban planning,
construction of equipment and large-scale
public works in the city of Lisbon

new project for the Eduardo VII park
(arch. Francisco Keil do Amaral)



Scenic composition

Representation and symbolism

Order and axuality

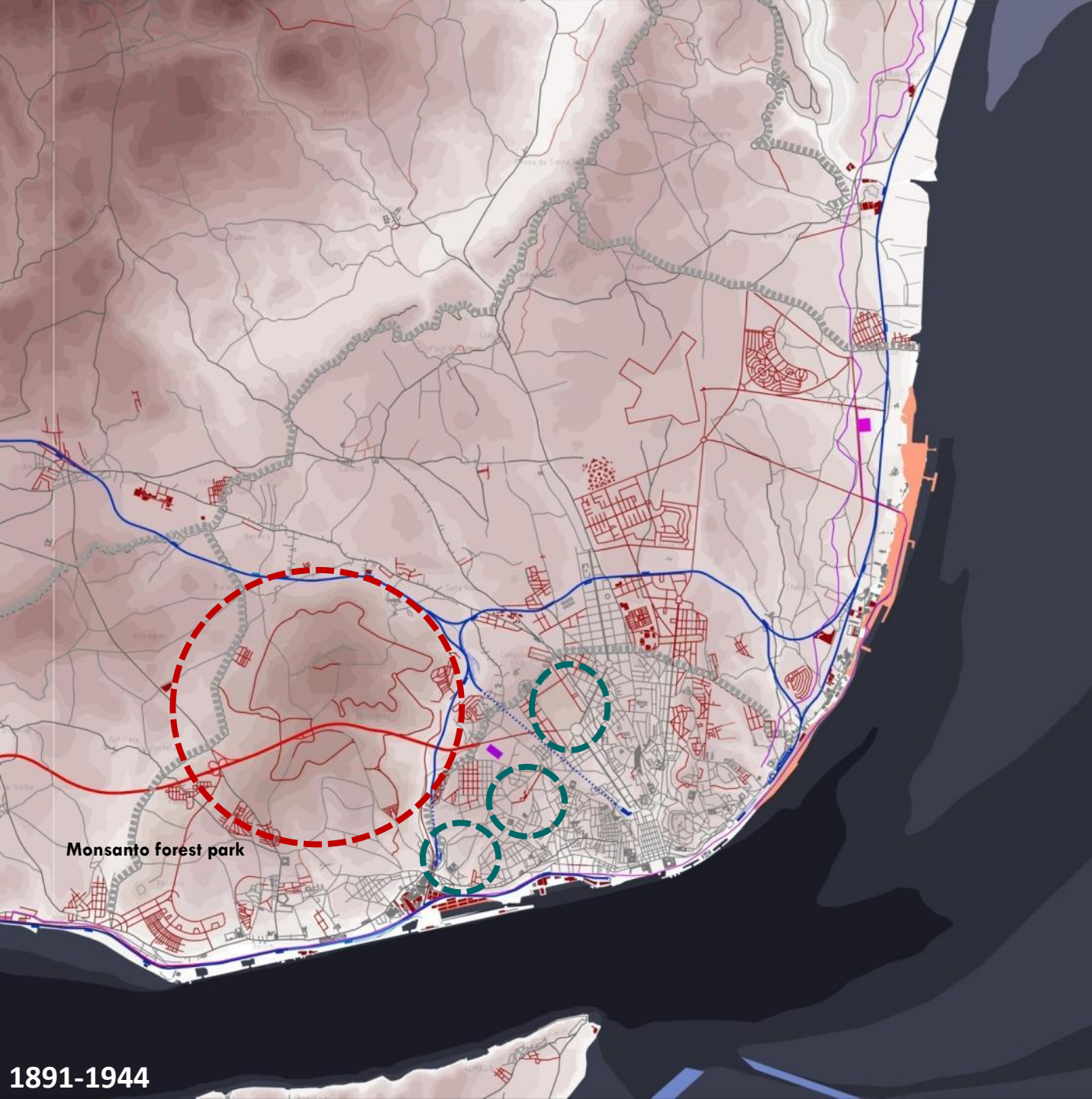




**The Monsanto forest park as a metropolitan articulator:
Landscape, infrastructure and urban facilities**







Monsanto forest park

1891-1944

Territorial transformations:
roads, main infrastructures,
relevant buildings
(source: Santos, 2012)



1868 – Carlos Ribeiro and Nery Delgado - report on the country's general afforestation: Monsanto's afforestation potential

1926 – proposal by Jean-Claude Nicolas Forrestier | 1927 – proposal by the MacBride brothers (a large urban forest in a hygienist logic)

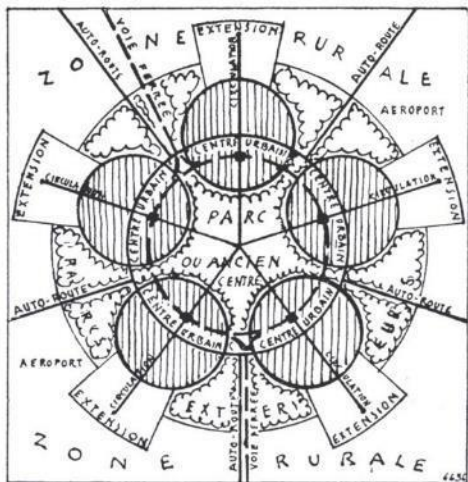
1936 – establishment as a Forest Park | 1938 – beginning of forest planting



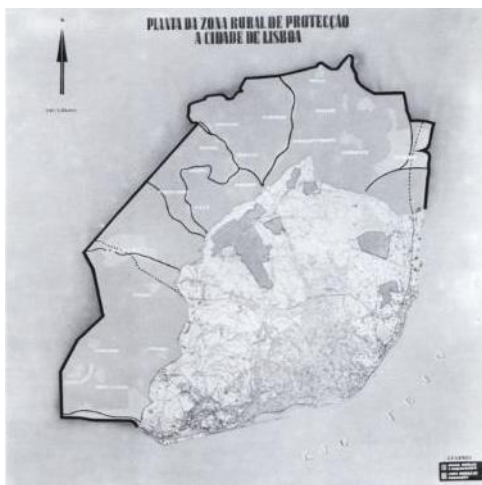
1868 – Carlos Ribeiro and Nery Delgado - report on the country's general afforestation: Monsanto's afforestation potential

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1936 – establishment as a Forest Park | 1938 – beginning of forest planting



Theoretical model for a city with satellite cities, 1932, Etienne de Gröer




Plano Director de Urbanização de Lisboa, 1948, Etienne de Gröer

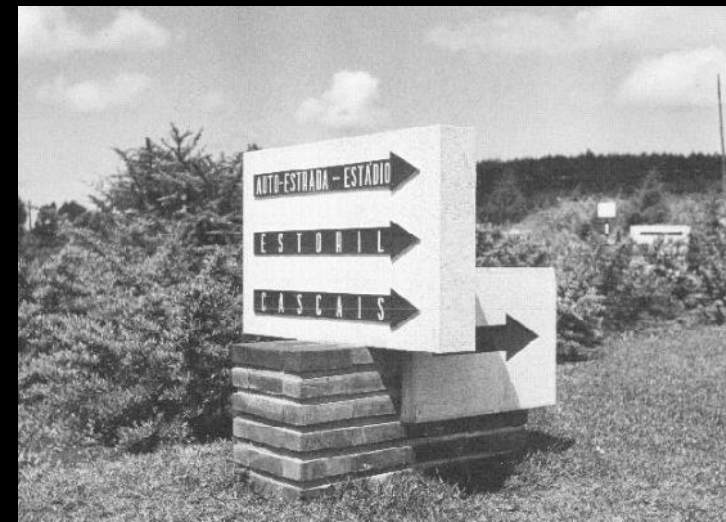
PARQUE FLORESTAL DE MONSANTO

ESCALA APROXIMADA 1/25.000



LEGENDA

- | | |
|---|--|
| ① MIRADOURO E DAVILHAÇÃO DE CHA DE MONTES CLAROS | ⑩ TEATRO AO AR LIVRE |
| ② ARRIGO PARA CARRUÇ. | ⑪ PÁTIO MIRADOURO |
| ③ MIRADOURO DE MONTE ALEGRE | ⑫ PAVILHÃO ESCOLAR |
| ④ CENTRO DE DEPORTOS | ⑬ MIRADOURO DA LONGETA DOS QUARTEIROS |
| ⑤ MIRADOURO | ⑭ MIRADOURO DO MONTE DE MOURA |
| ⑥ PARQUE INFANTIL DE ALVITE | ⑮ MATA DE S. DOMINGOS DE BENFICA |
| ⑦ CLUB DE TÊNIS DE LISBOA | ⑯ DEPÓSITO DE MATERIAIS |
| ⑧ MIRADOURO DA PARTE | |
| ⑨ PARQUE INFANTIL DE ALTO DA GRAZIA |  CASAS DE GUARDAS FLORESTAIS DA GRAZIA |

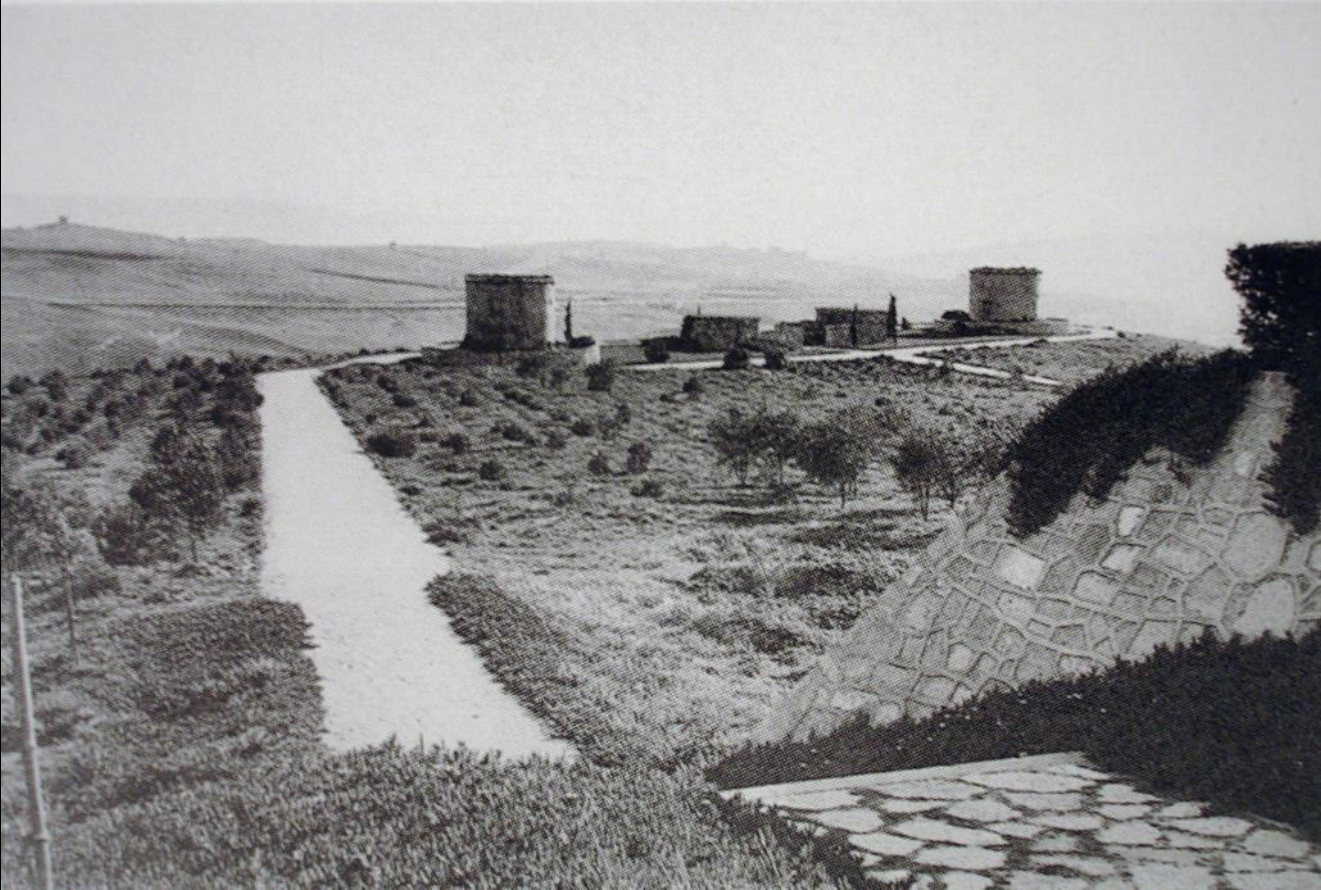


Monsanto forest park (1950's)

- Attention to the landscape integration of roads
- Careful design of terrain modelling and public space definition elements (walls, guardrails, curbstones, embankments, street furniture, public lighting, signage)
- Network of facilities and notable points



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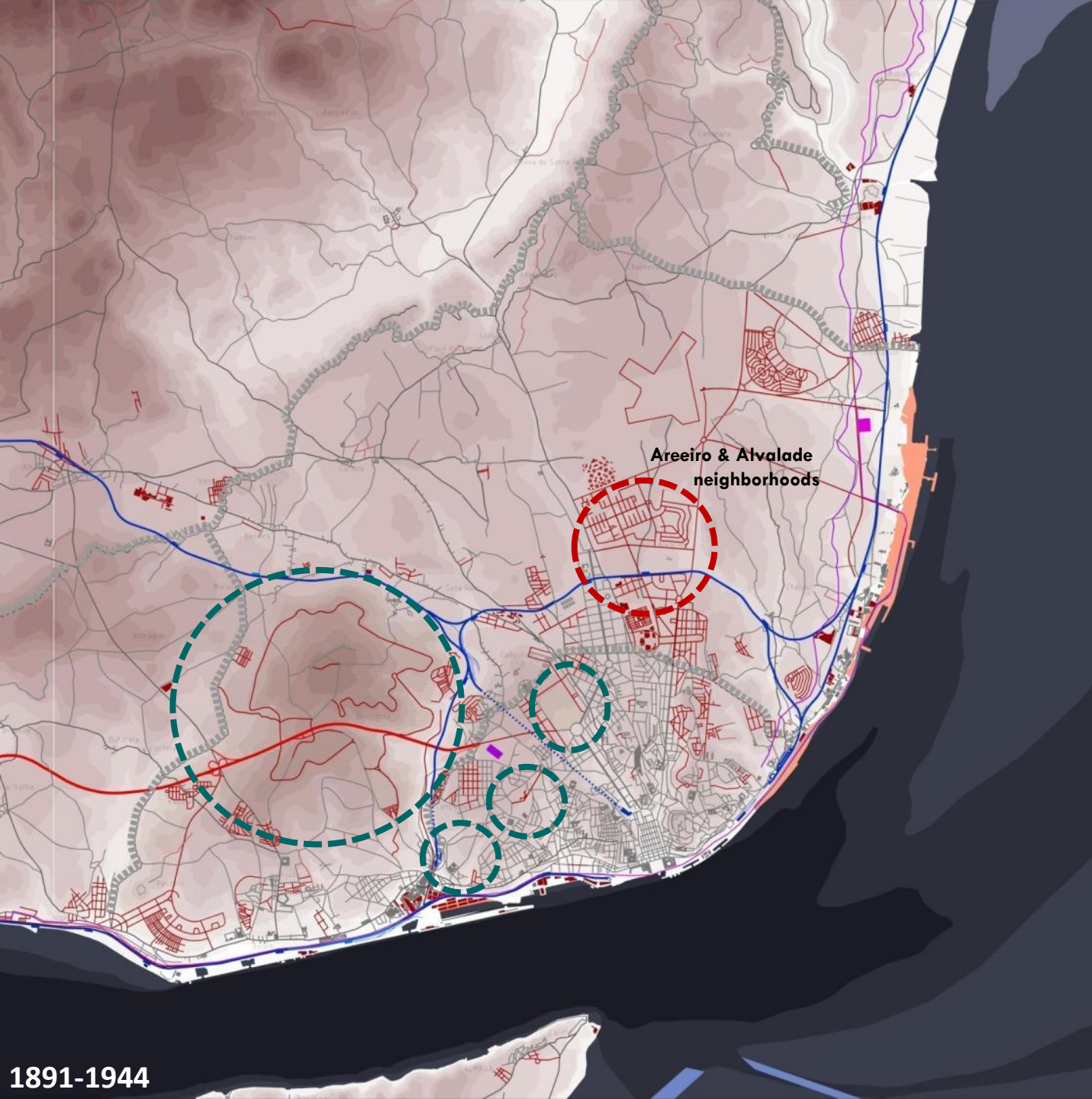
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**Areiro and Alvalade neighborhoods:
Redefining the urban block as a porous space**







**Areiro & Alvalade
neighborhoods**

1891-1944

Territorial transformations:
roads, main infrastructures,
relevant buildings
(source: Santos, 2012)



PLANO DE URBANIZAÇÃO DA ZONA A SUL DA AV. ALFERES MALHEIRO



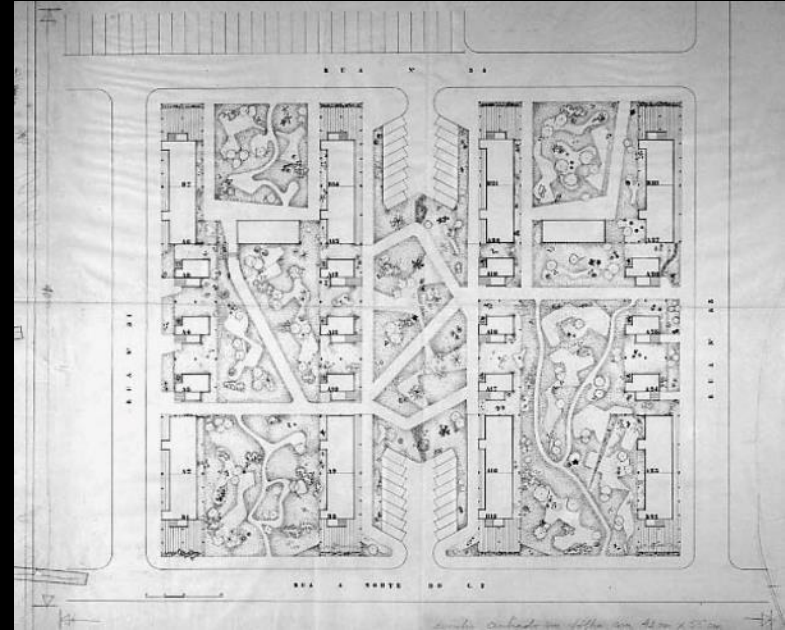
ESCALA=1:1000
LEGENDA

- HABITAÇÃO DE TIPOLOJIA ECONOMICA
- HABITAÇÃO DE TIPOLOJIA NÃO ECONOMICA
- HABITAÇÃO ONDULANTE
- ZONA COMERCIAL
- ZONA DE ARREANATO E INDUSTRIA LIGADA
- EDIFICIO PUBLICO
- ESTABELECIMENTO PUBLICO
- EDIFICIO PUBLICO

Alvalade neighborhood Plan, João Faria da Costa, 1945

- Organization in eight urban cells
- Hierarchization of streets, blocks and urban facilities
- Diversification of housing typologies and combination of mixed uses





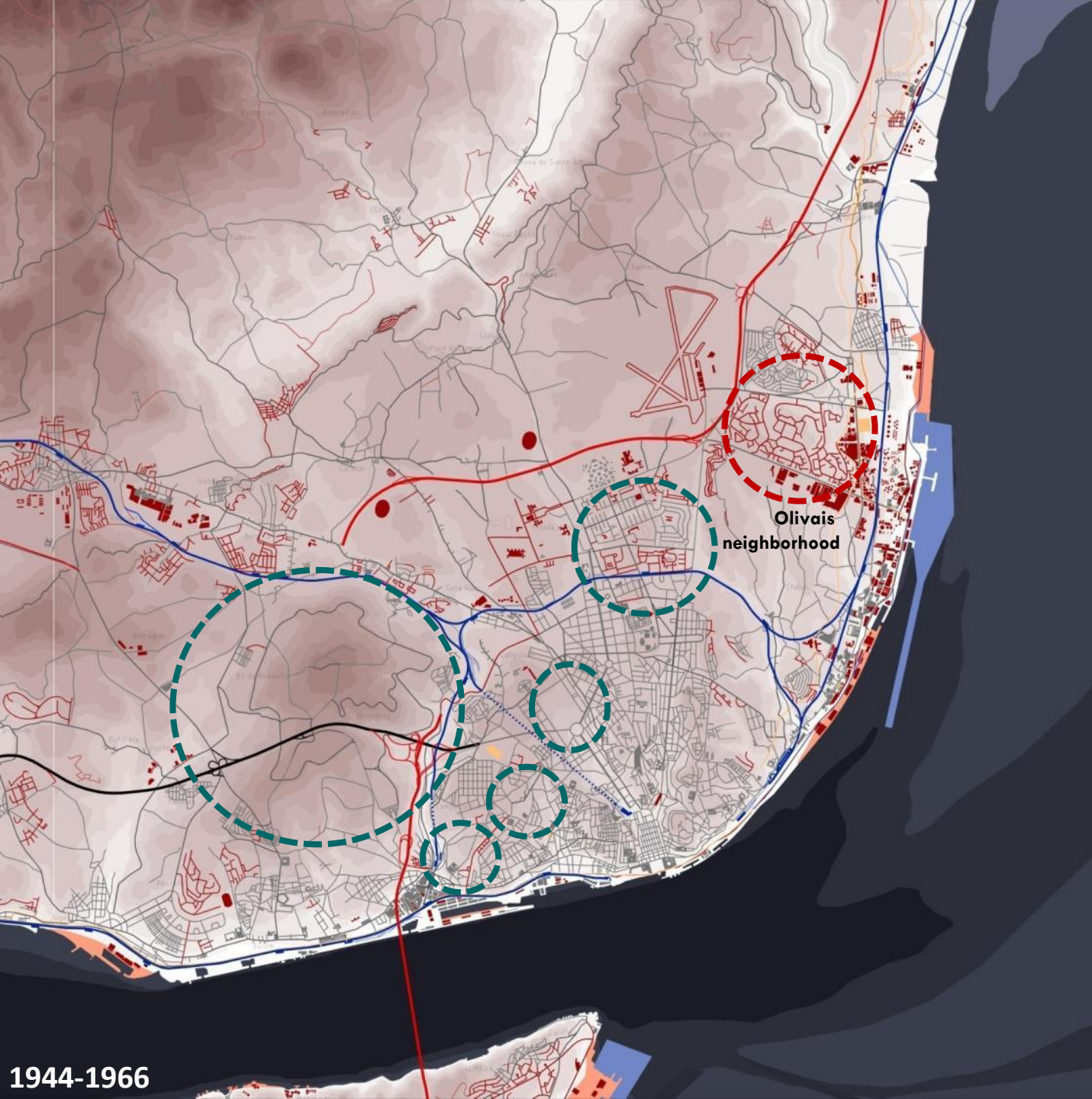
Bairro das Esatcas, Rui Jervis Atouguia e Sebastião Formosinho Sanchez c/ Gonalo Ribeiro Telles, 1951





**The Olivais Neighborhood as an inhabited landscape:
the urban recomposition of the green space**

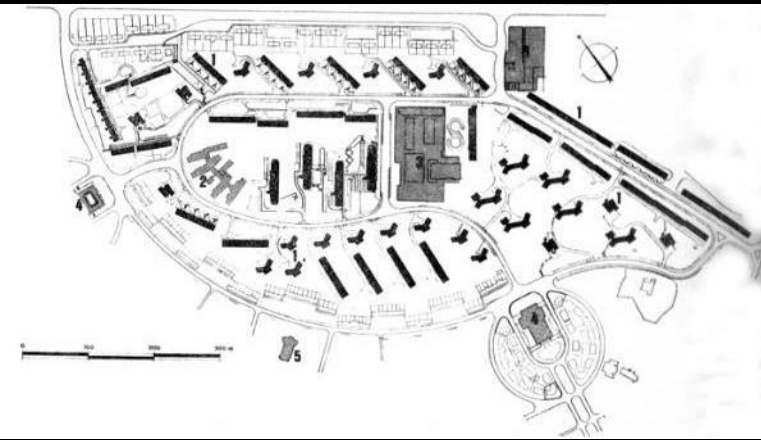




Olivais
neighborhood

1944-1966

Territorial transformations:
roads, main infrastructures,
relevant buildings
(source: Santos, 2012)



Olivais Norte Urban Plan

(1955-1960, Gabinete Técnico de Habitação da CML, Guimarães Lobato, Sommer Ribeiro, Pedro Falcão e Cunha, green space design coord. Ponce Dentinho)

Principles of the Athens Charter and the Modern Movement



Olivais Sul Plan

(1961, Gabinete Técnico de Habitação da CML,
José Rafael Botelho, Carlos Duarte, Celestino da Costa, Mário Bruxelas,
M. Sousa Câmara)

Residential Group / Neighborhood Unit / Cell / Grid

Post-war critical revision the Modern Movement:
Scandinavian and UK influences. Urban/rural integration







site for the Vale do Silêncio park, 1950's

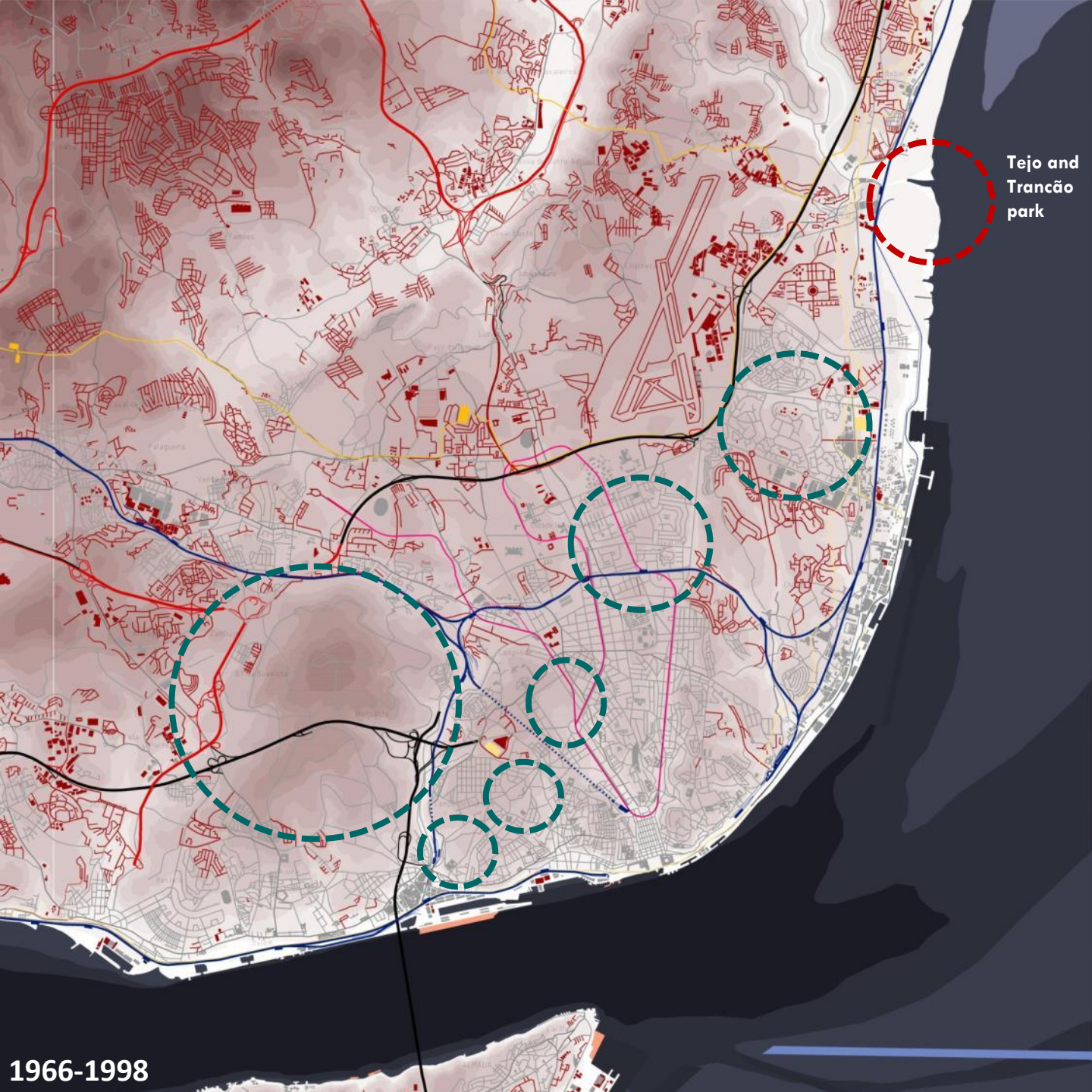




Vale do Silêncio park, 1990's



**Tejo, Trancão and Loures riverside parks as a linear landscape system:
Reinventing the metropolis from the riverfront**



Tejo and
Trancão
park

1966-1998

Territorial transformations:
roads, main infrastructures,
relevant buildings
(source: Santos, 2012)



The industrial landscape of Lisbon's northwestern riverfront (1960's - pre-1998)



Tejo & Trancão park
masterplan



Tejo & Trancão park

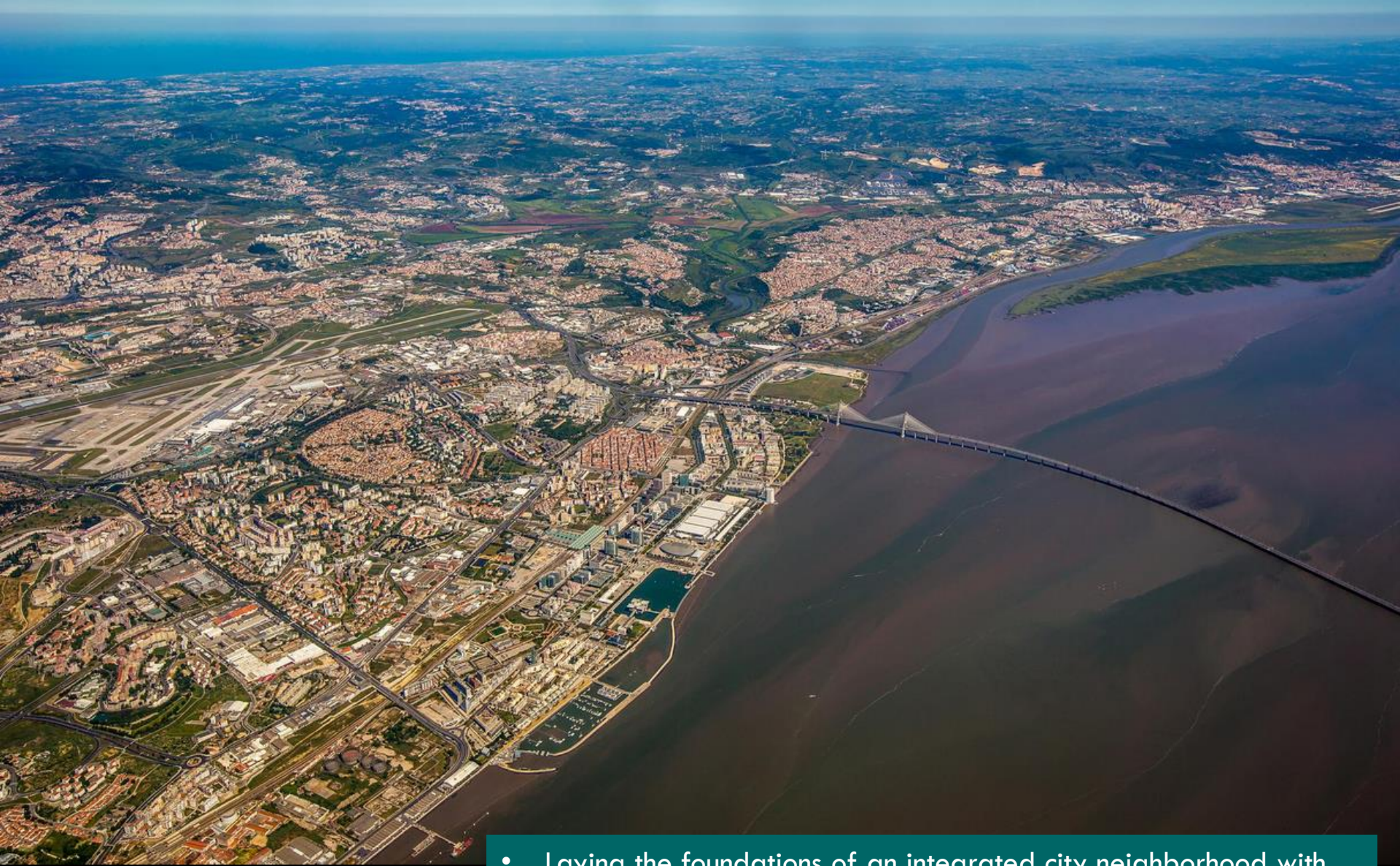
(1994, Michael Hargreaves Associates + João Nunes / PROAP)

Diversity of scenic, ecological and perceptive situations

Land modelling as a device for activating ecological processes in the park – time-oriented design







Post Expo 1998 aerial photo

- Laying the foundations of an integrated city neighborhood with mixed-uses and prominent urban facilities and mobility connections
- A qualified public space system as common ground
- The riverfront as the structural axis

Tejo & Trancão park – Northern Section
(2022, CML)

World Youth Day 2023

Large open air events + continuity to the north riverside



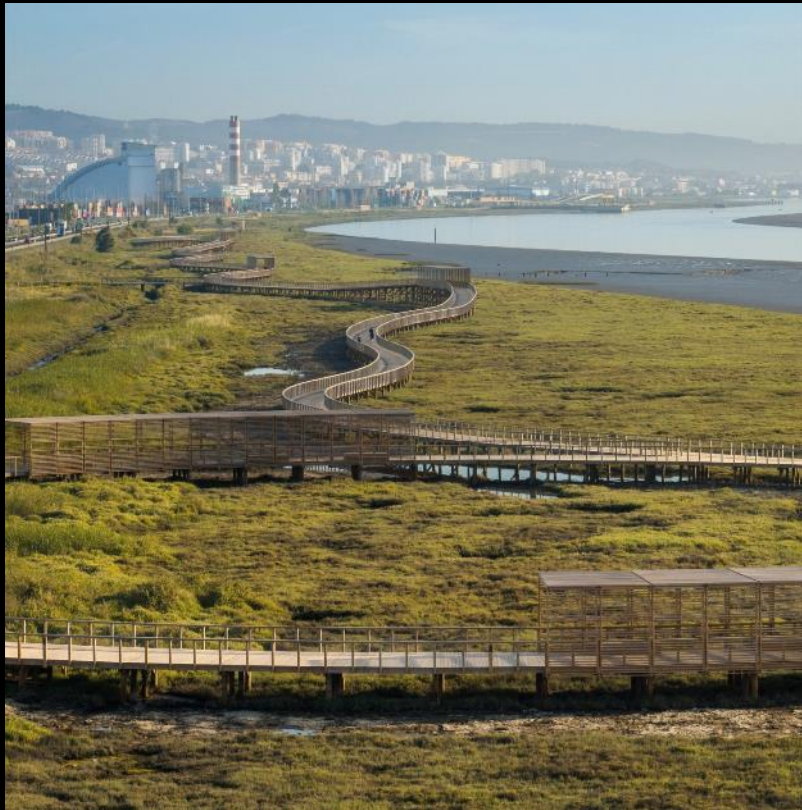


Loures Riverside park (2021, Topiaris)

Pedestrian path over sensitive marshland
and riverside habitats

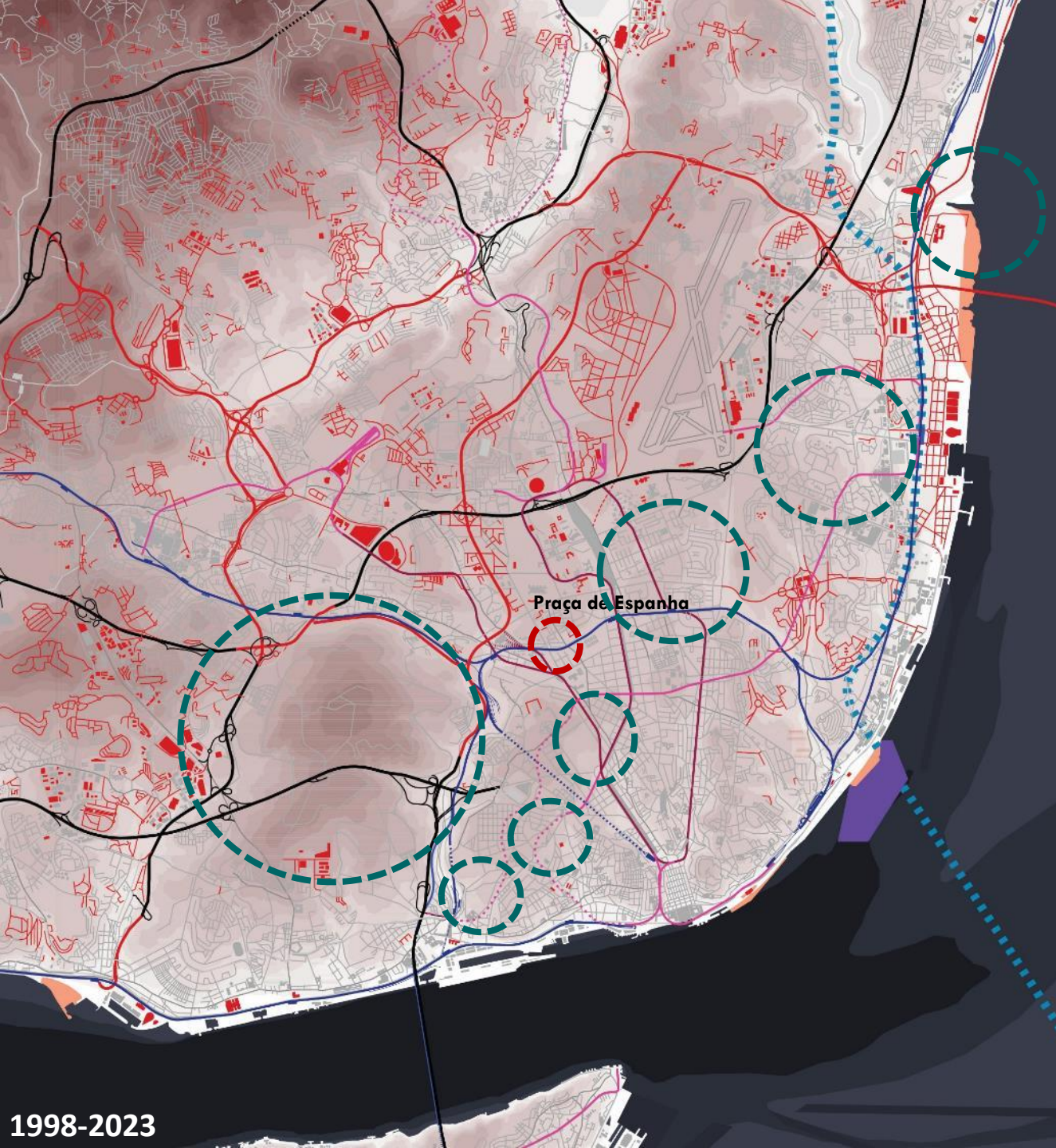
Continuous linear park from Lisbon to Loures
and Vila Franca de Xira municipalities







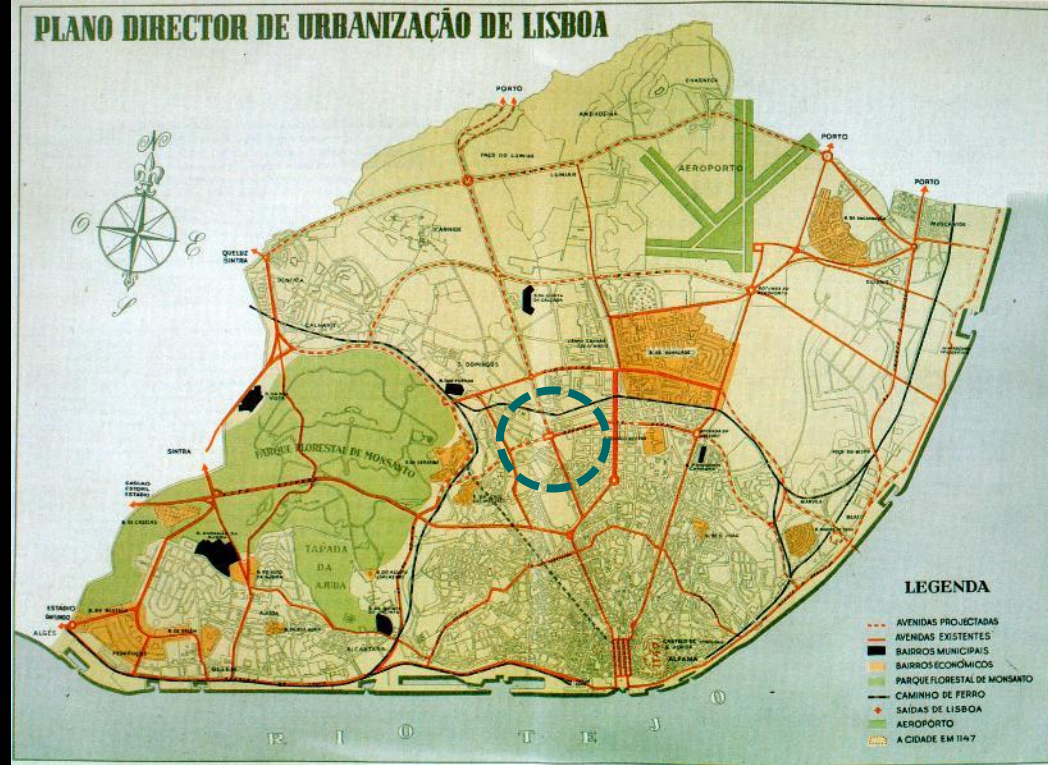
**Praça de Espanha park as a green and blue node:
Reclaiming the cycle of water in the city**



Praça de Espanha

1998-2023

Territorial transformations:
roads, main infrastructures,
relevant buildings
(source: Santos, 2012, 2024)



A conflictive infrastructural intersection...
of the radio-concentrical city plan of the 1940's



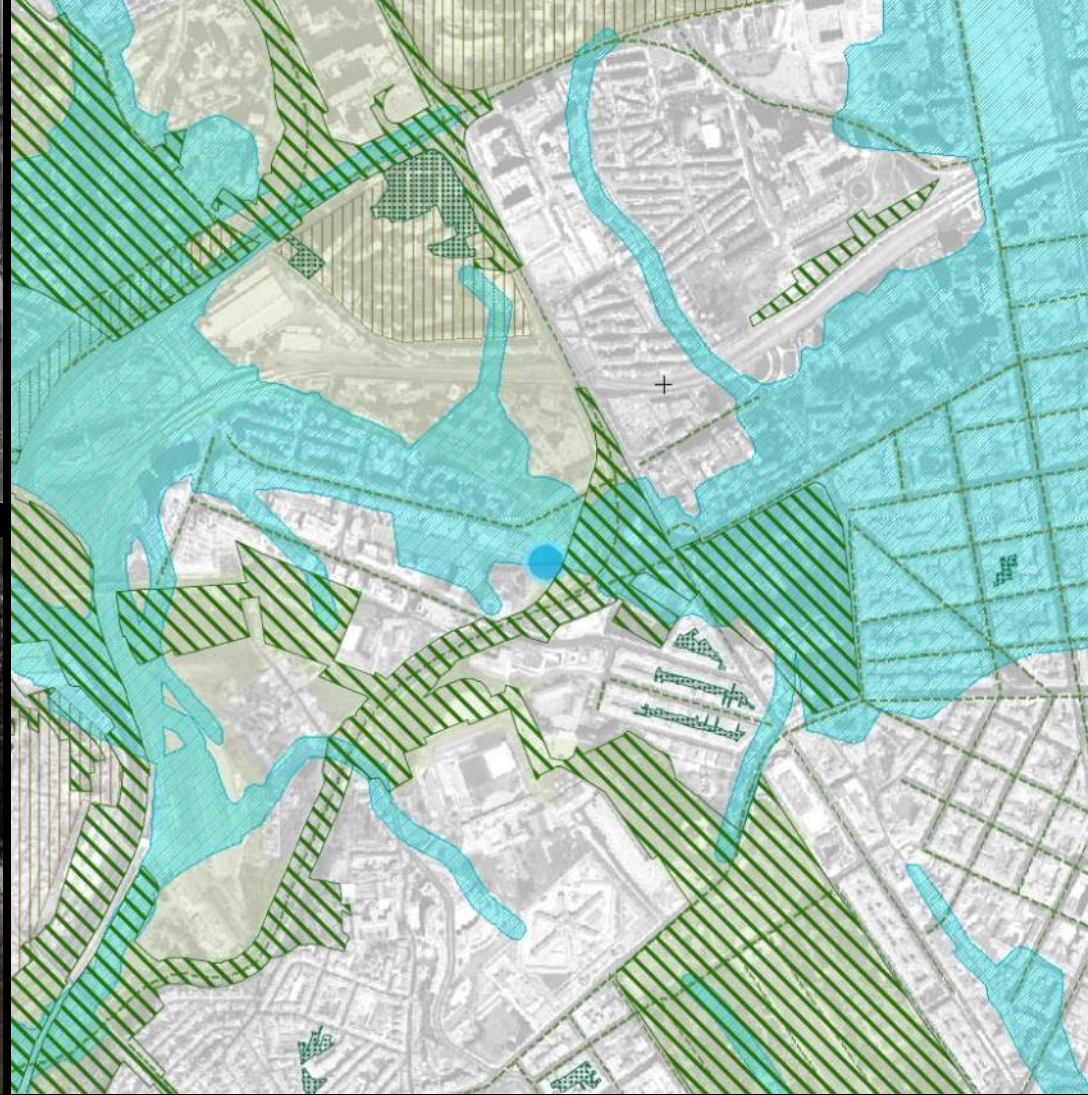
A conflictive infrastructural intersection...
of postponed interventions and building rights in the turn of the century



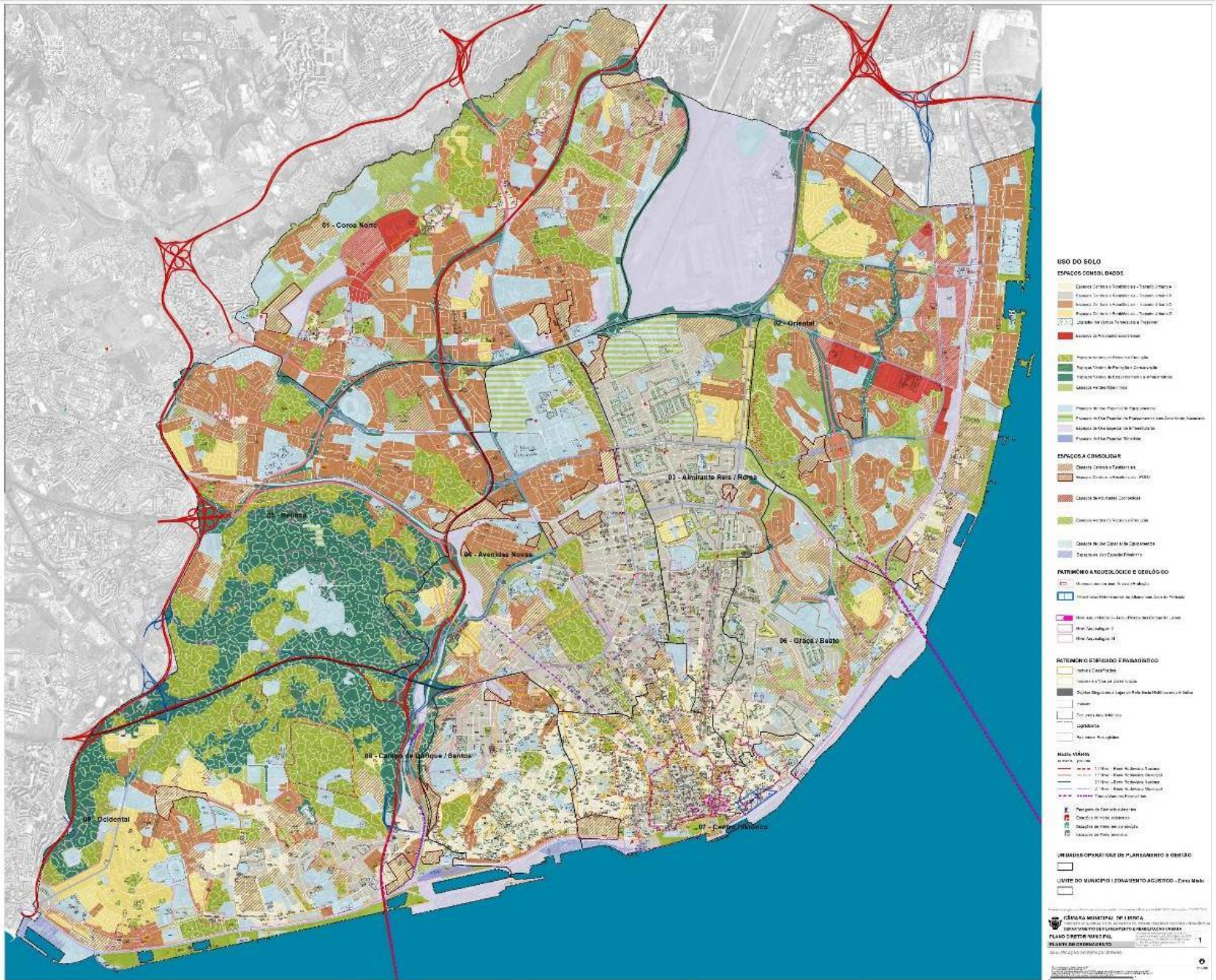
Levantamento topográfico de Lisboa
1911, Eng. Silva Pinto



Levantamento topográfico de Lisboa
1911, Eng. Silva Pinto
+ Google Maps 2016



A conflictive infrastructural intersection...
of tunneled streams and flooding episodes



PDM de Lisboa – Municipal Master Plan – Land use classification, 2012



Green corridor system – Plano Verde de Lisboa, 1997



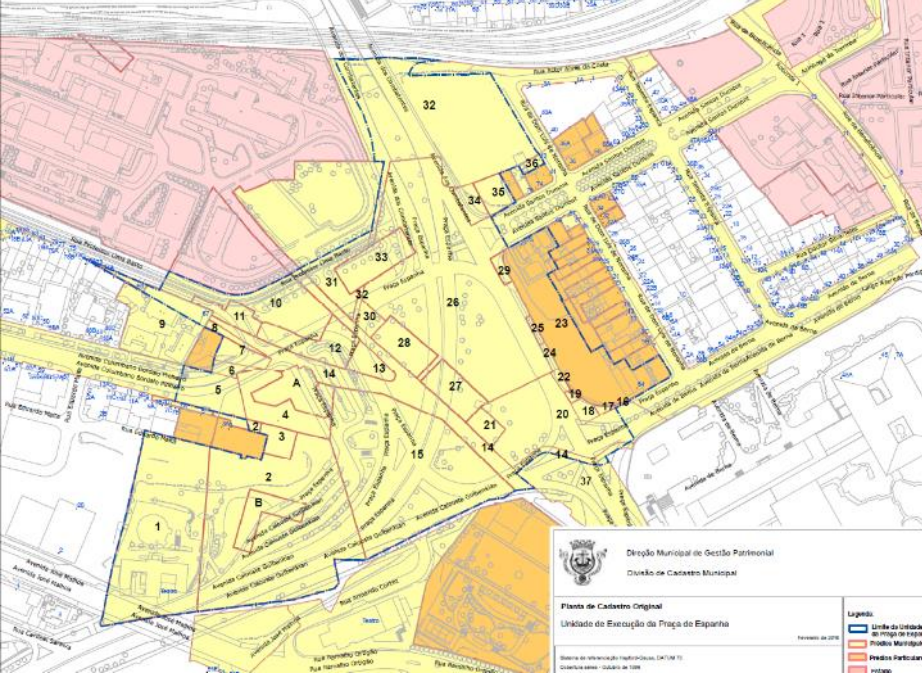
PDM de Lisboa – Municipal Master Plan – Ecological Structure, 2012



Gonçalo Ribeiro Telles

Integration into the city's ecological structure:

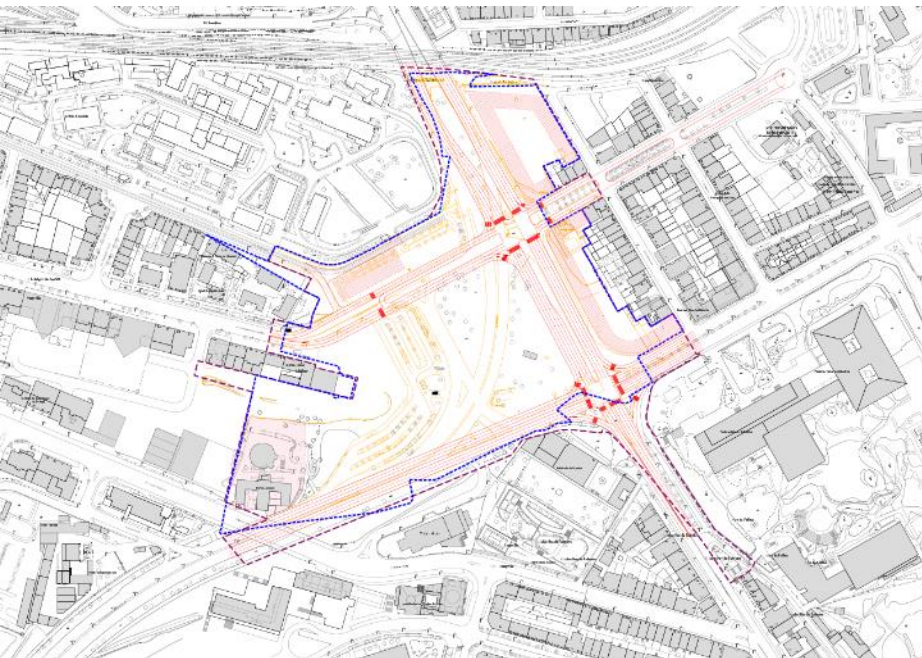
- Lisbon Green Plan (Ribeiro Telles, 1997)
- Municipal Master Plan (2012)



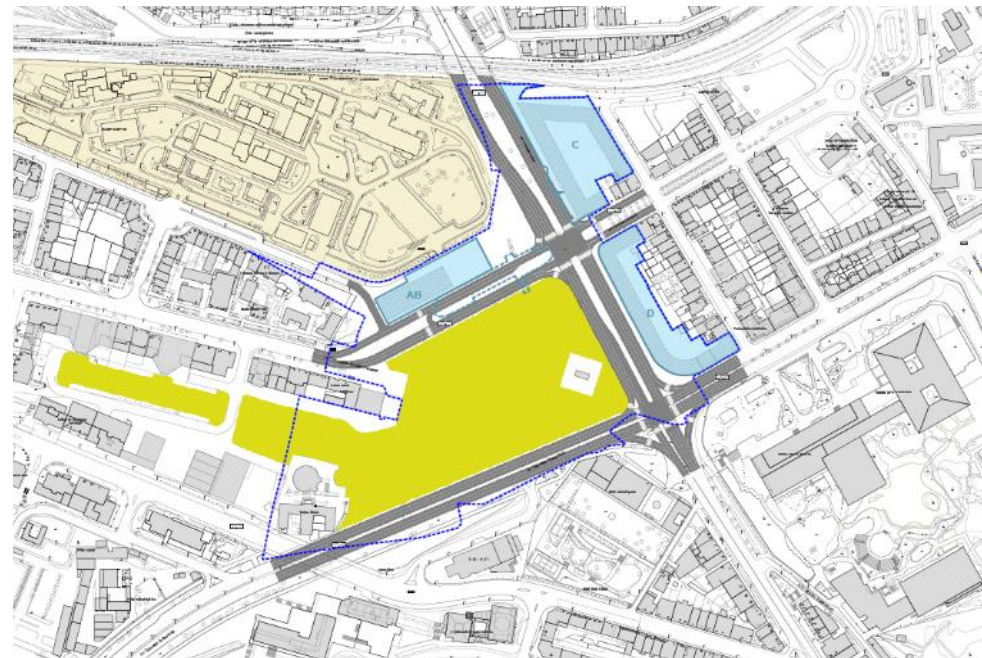
Existing property ownership



PDM Ecological Structure



Traffic infrastructure restructuring



Land use redevelopment

Praça de Espanha Park

(2020, NPK Arquitetos Paisagistas Associados)



Stitching morphological fragments; reestablishing landscape continuities

- Green structure
- Water system (revealing, retaining, saving)
- Active mobility
- Historical continuities of the urban structure

8/2009



4/2023









Eight parks, eight ideas of a city.

The landscapes of urban development in Lisbon, Portugal

What idea of city can be unraveled from the interpretative reading of the green space?

What role do these spaces play in the morphological definition of urban space?

Eight parks in Lisbon

- Necessidades palace gardens **Enclosed spaces for scenic and controlled nature**
- Estrela garden **A new type of green urban space for social use**
- Eduardo VII park **Between axial growth and compositional scenario**
- Monsanto forest park **A metropolitan articulator of landscape and infrastructure**
- Areeiro & Alvalade neighborhoods **Redefining the urban block as a porous space**
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- Tejo, Trancão & Loures riverside parks .. **Reinventing the metropolis from the riverfront**
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