

THE SITE OF THE PROJECT



LIMIT



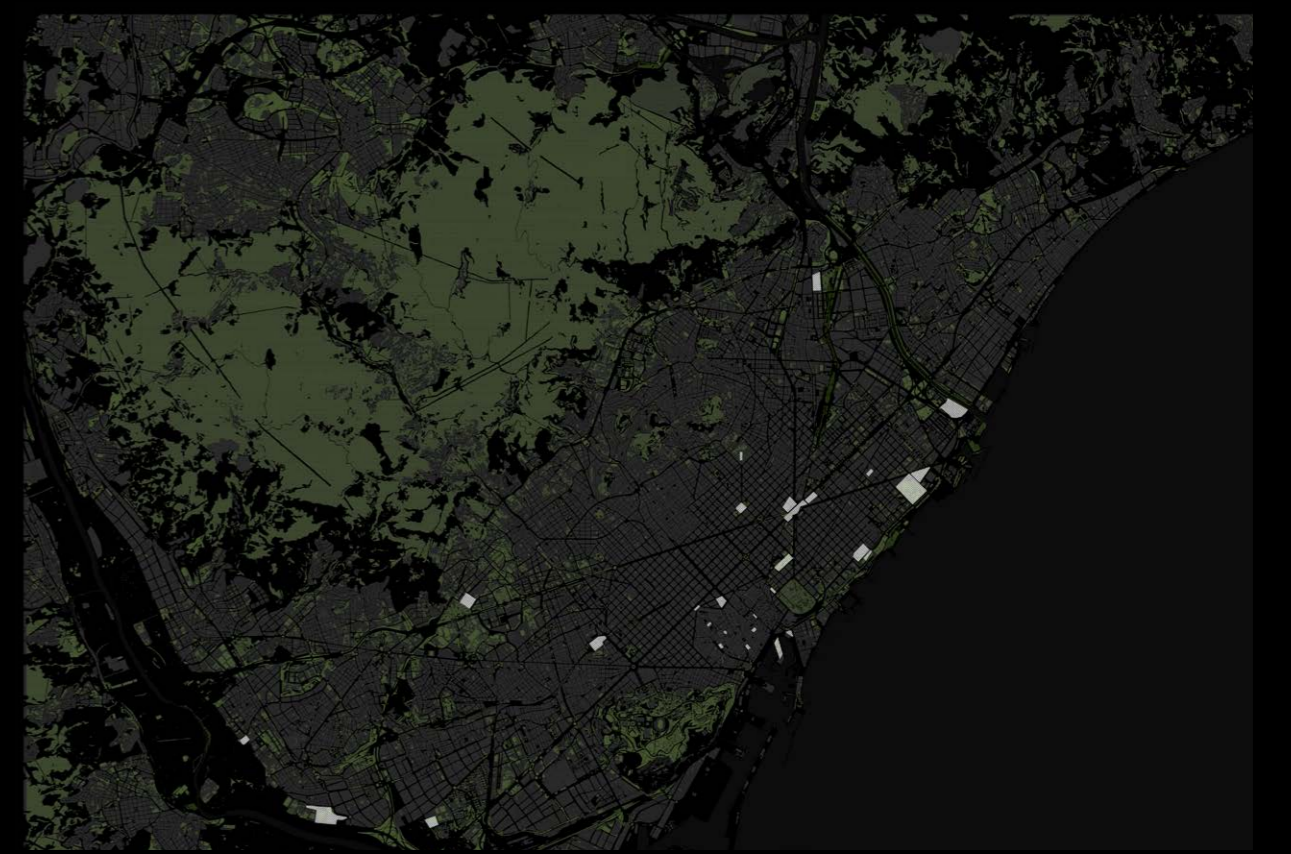
- Railway
- Transportation

TRACE



- Urban Axis
- Water System

VOID



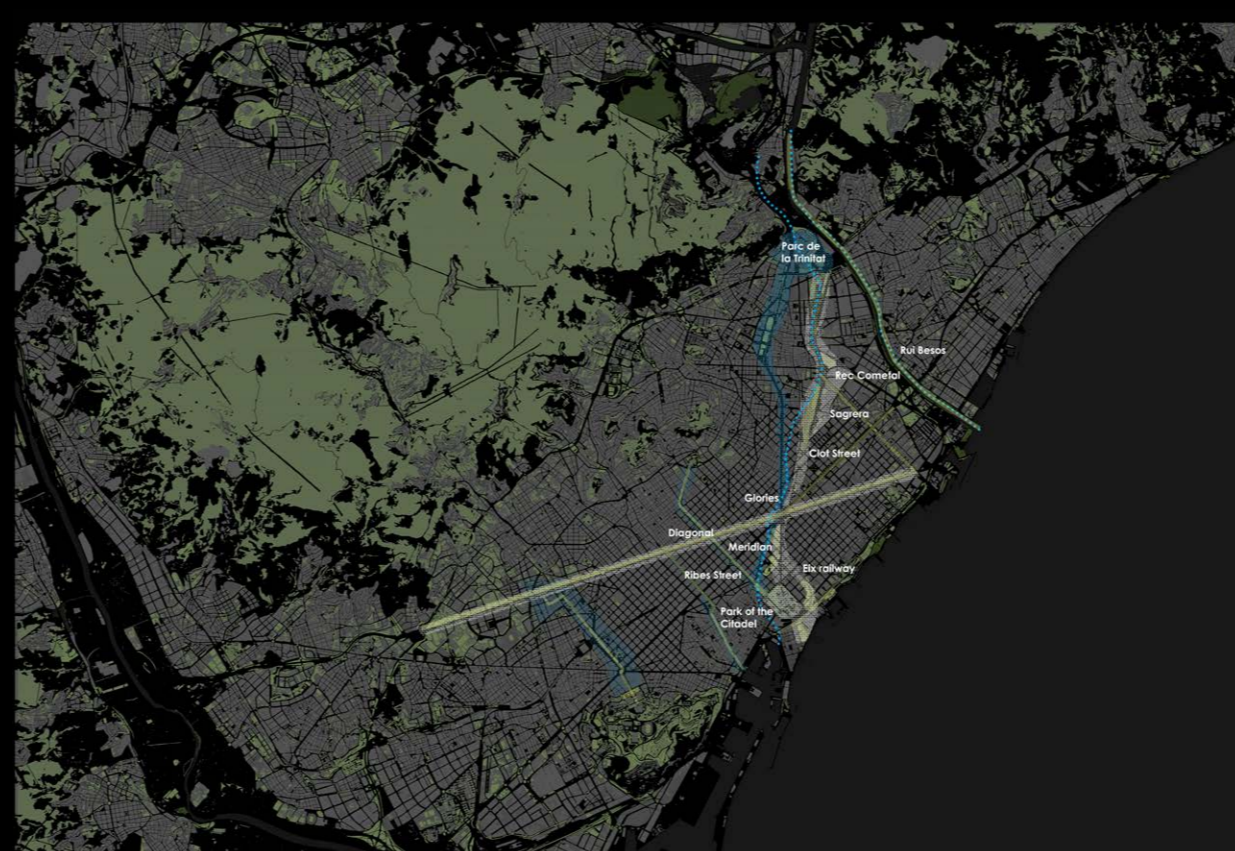
- Plaza
- Greenary Area

OLYMPIC POINTS



- Olympic Area

URBAN GREENARY



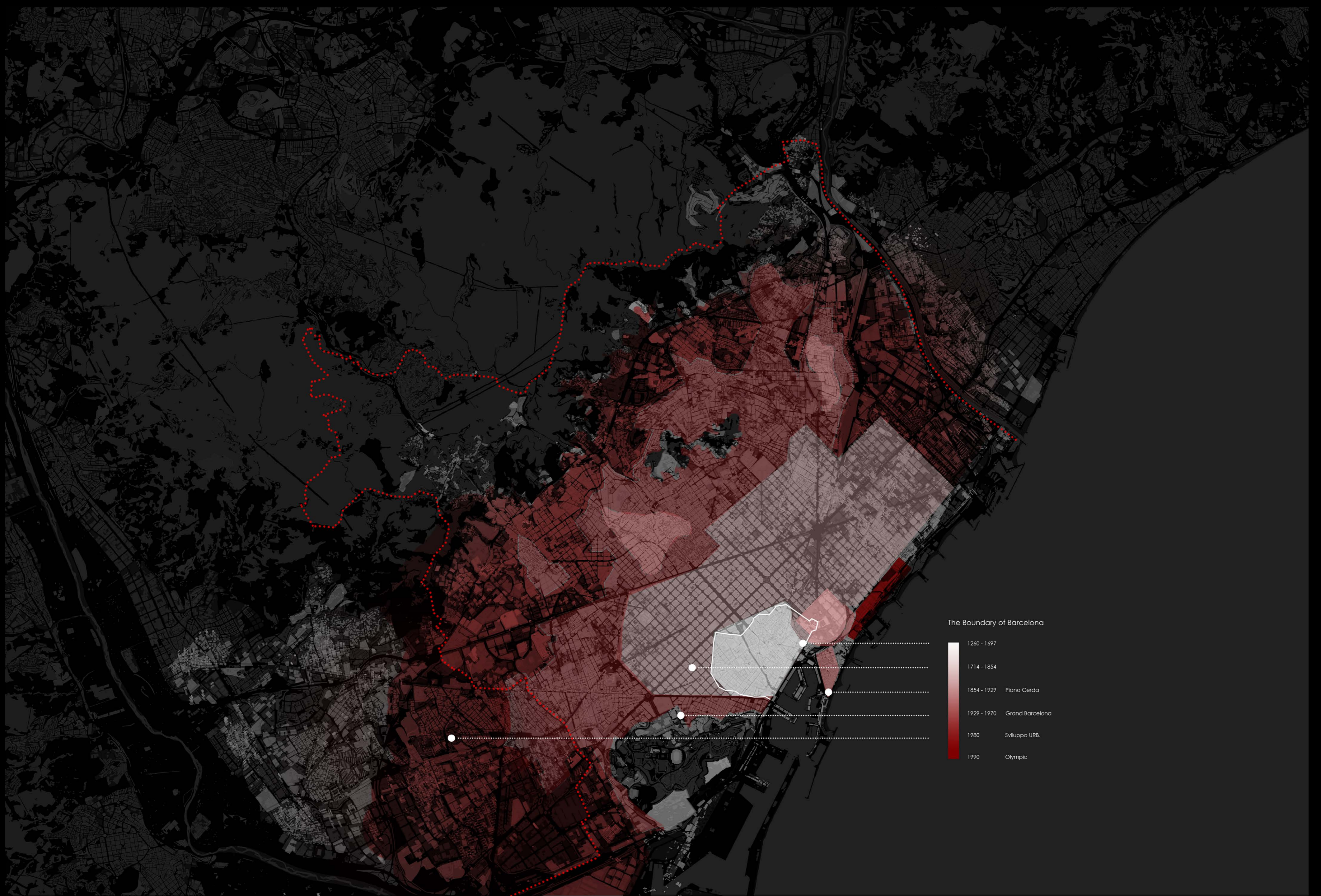
- Greenary
- Greenary
- Water System
- Water System

URBAN AXIS

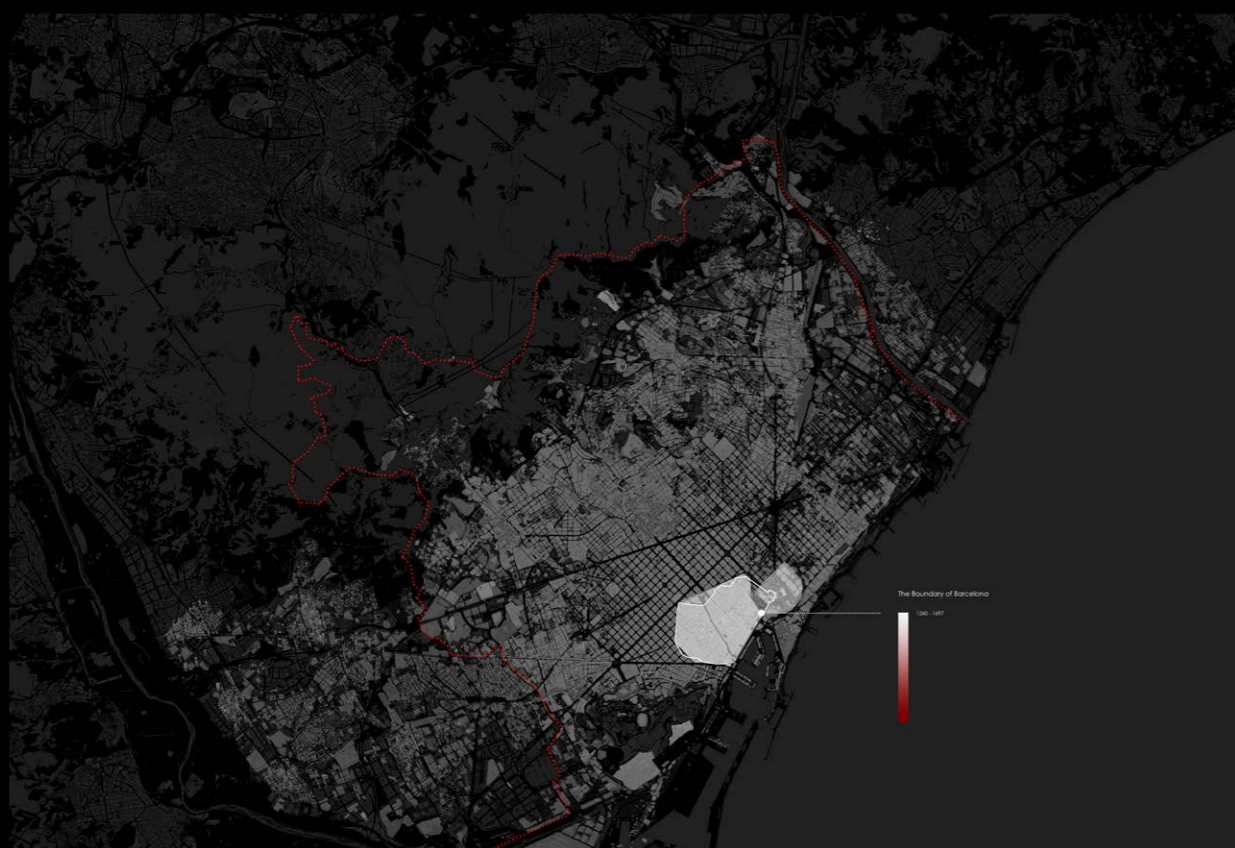


- Urban Axis
- Node

THE BOUNDARY OF BARCELONA



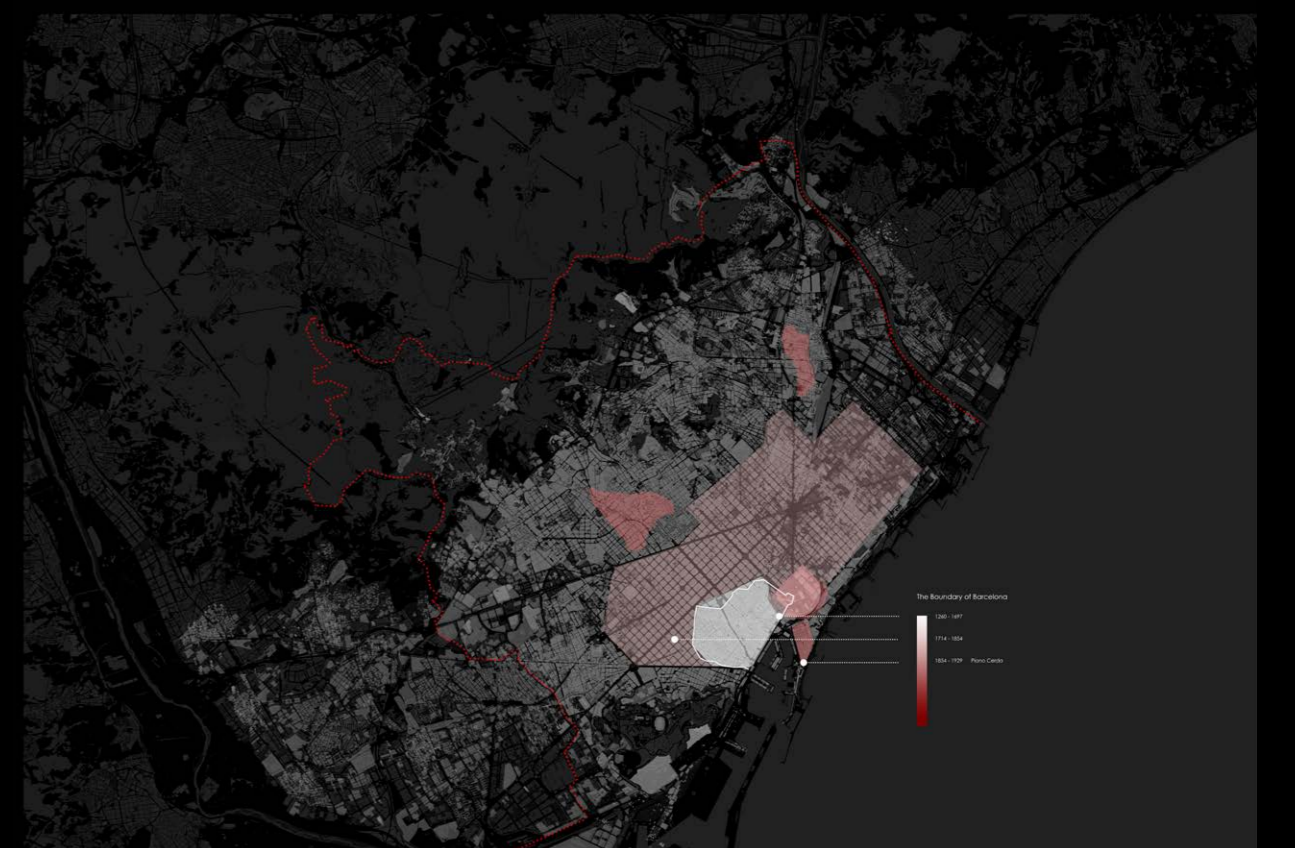
1260 - 1297



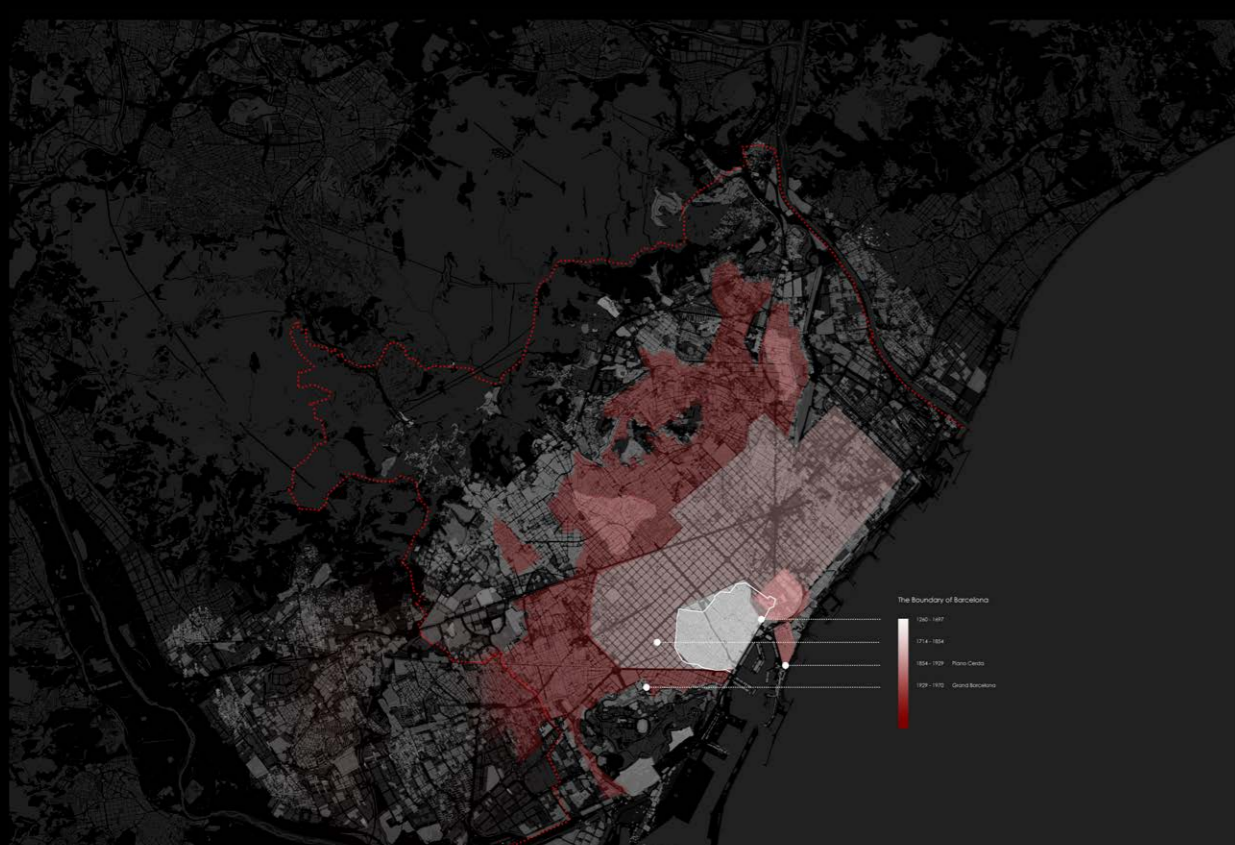
1714 - 1854



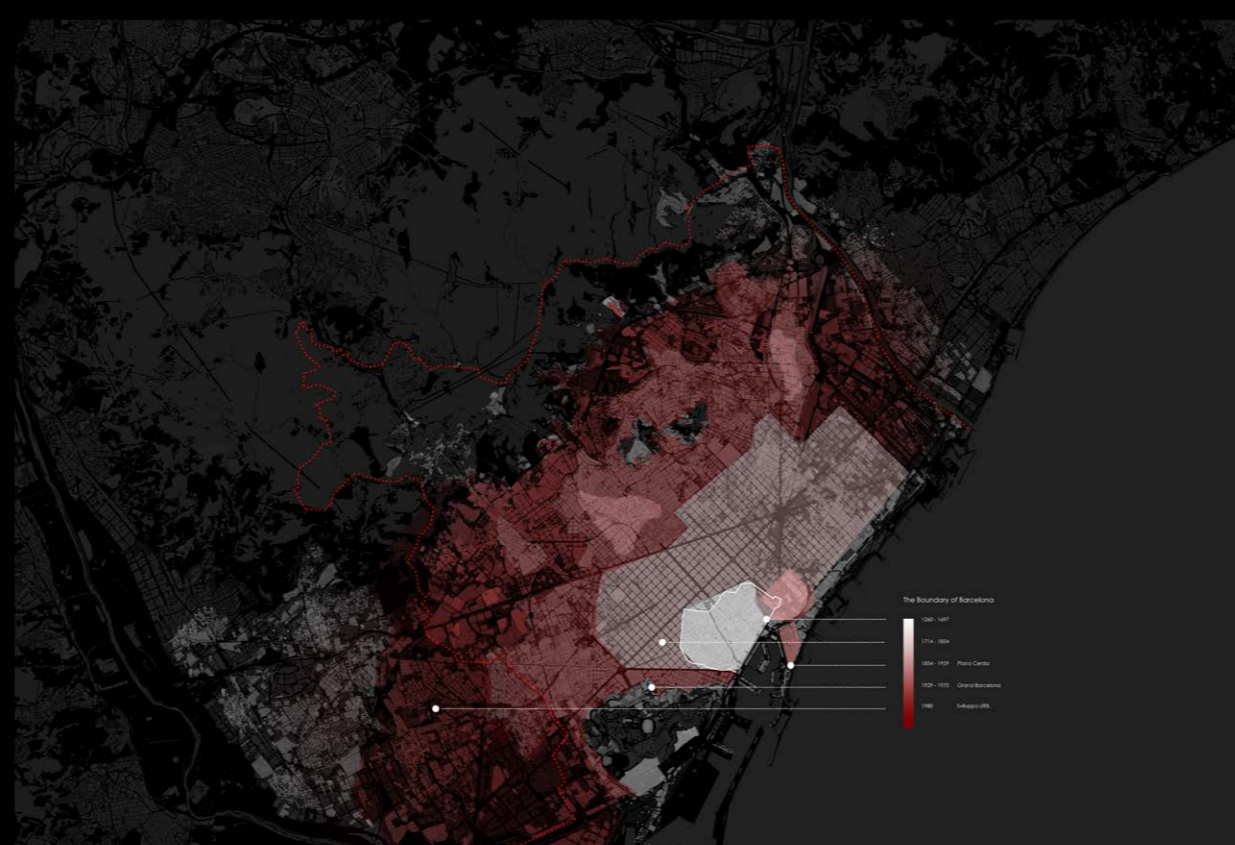
1854 - 1929



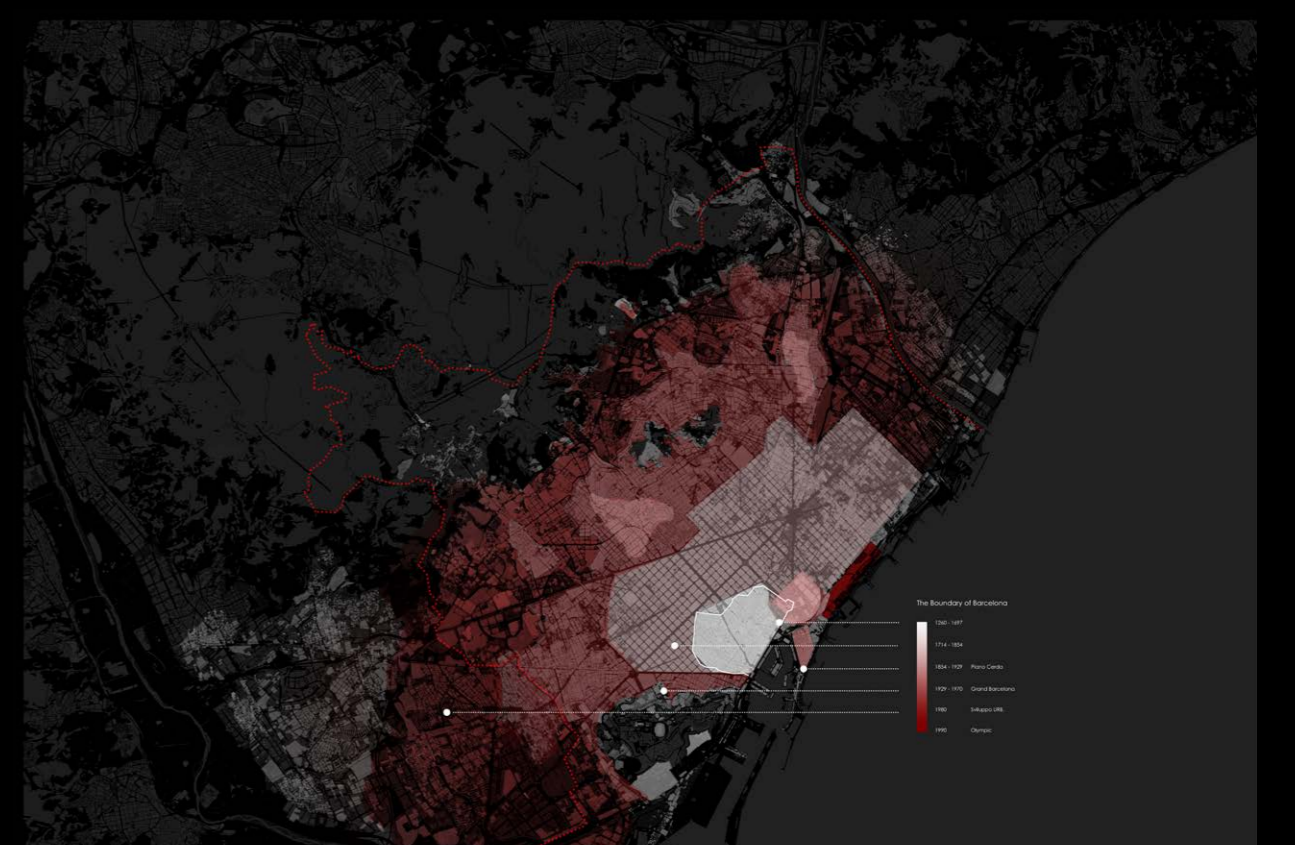
1929 - 1970

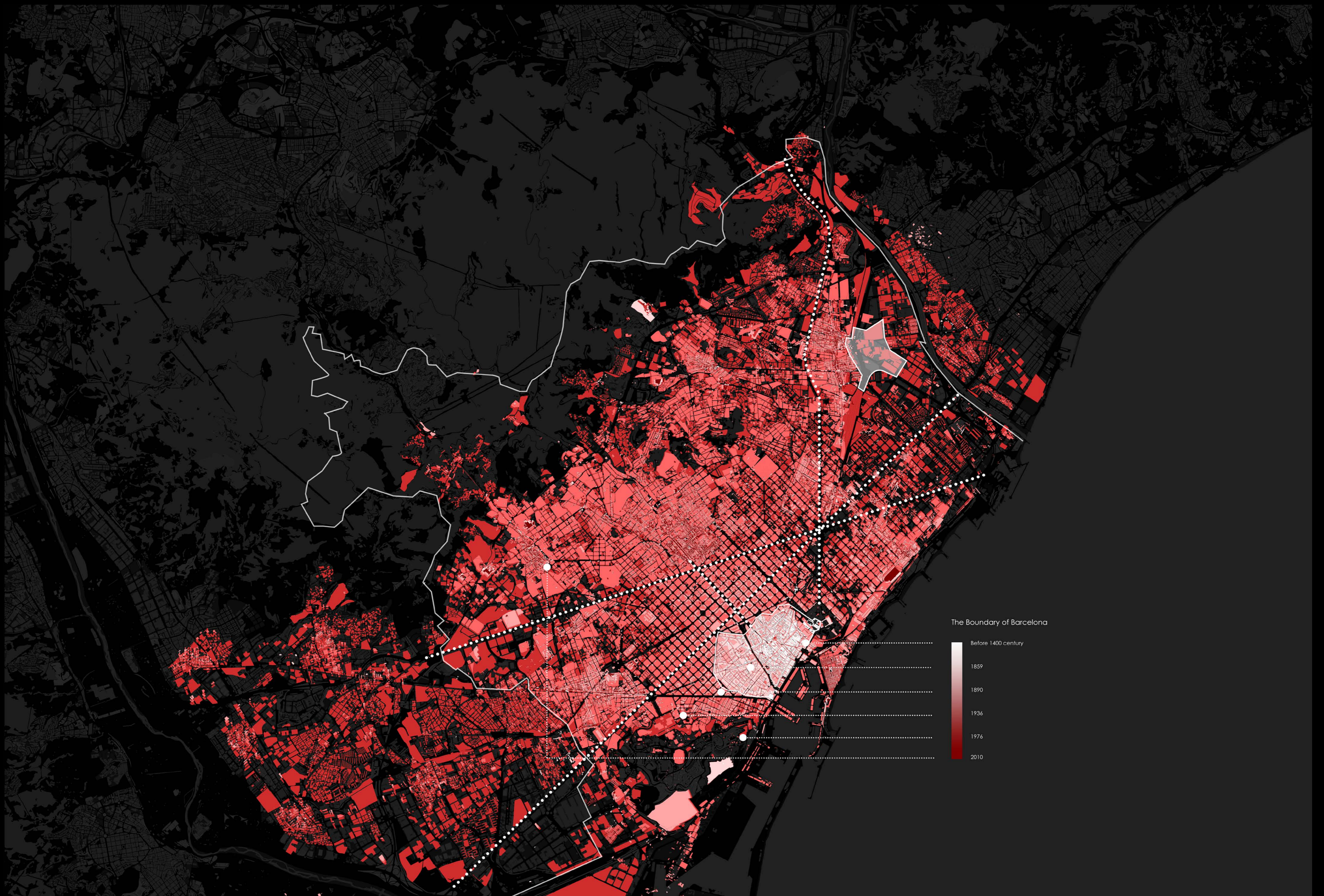


1980



1990

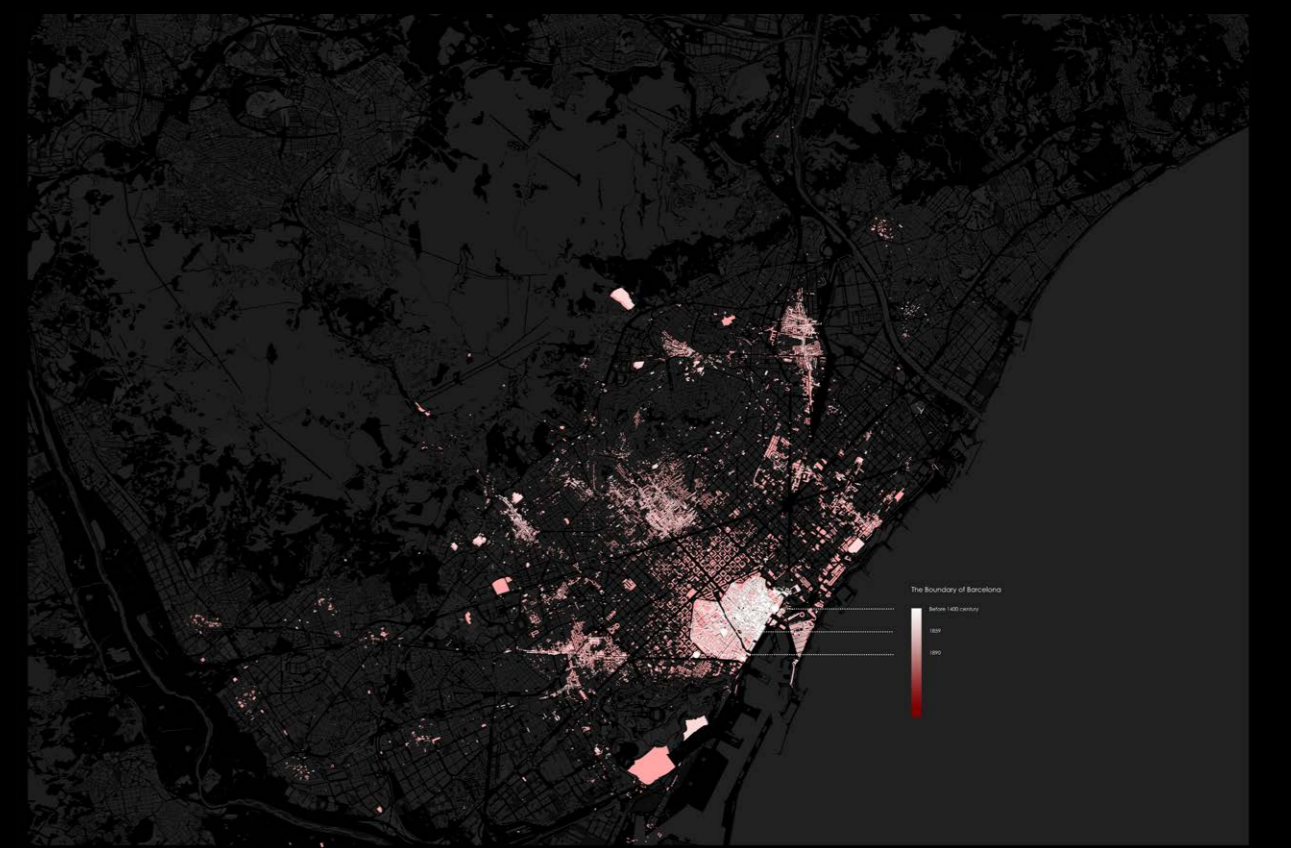




BEFORE 1400

1859

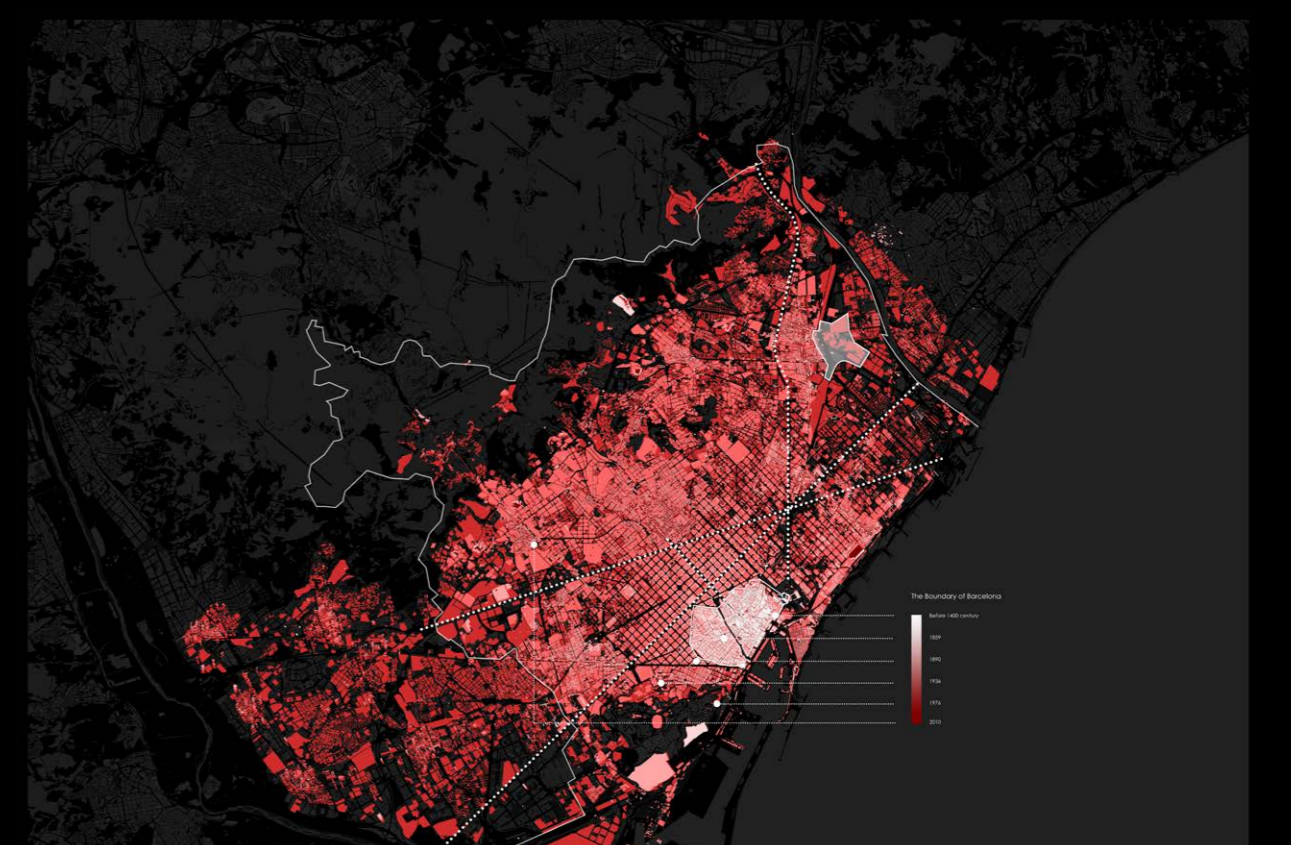
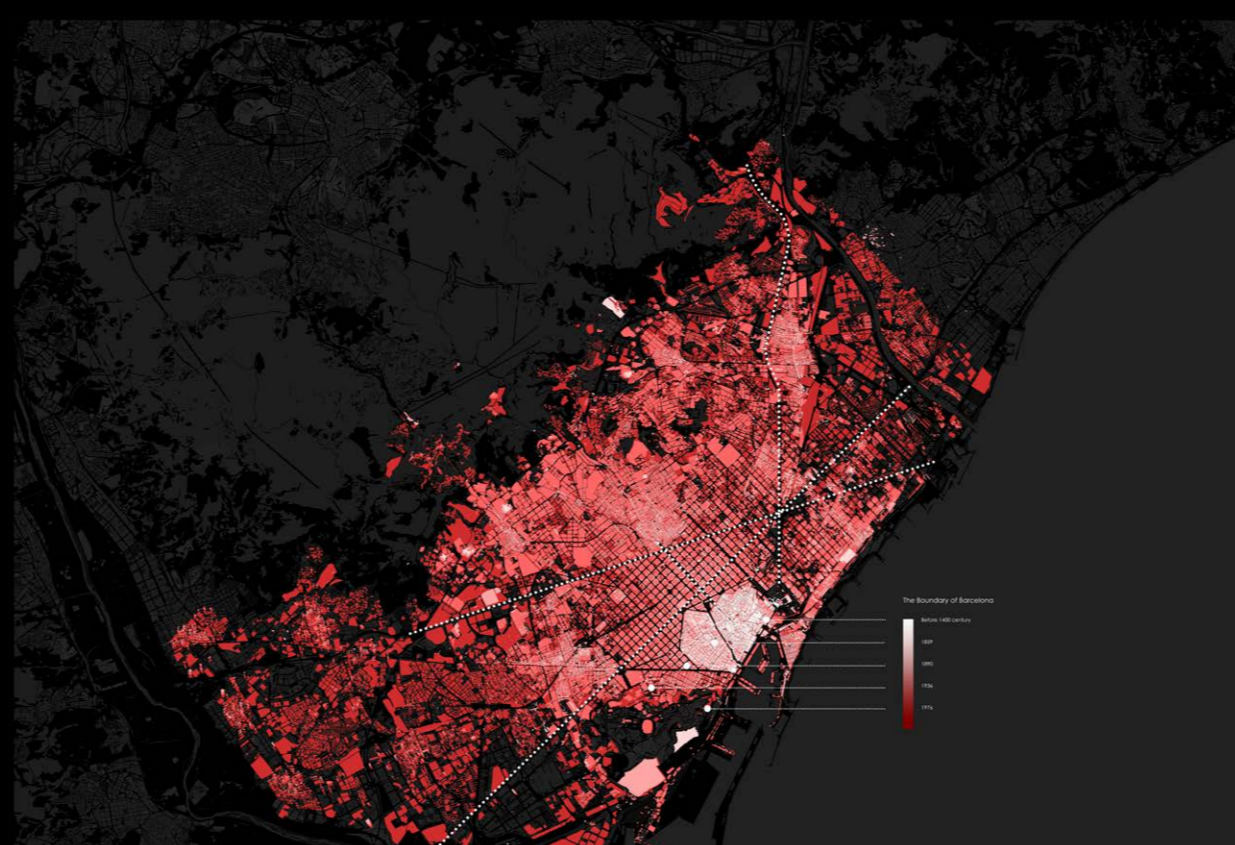
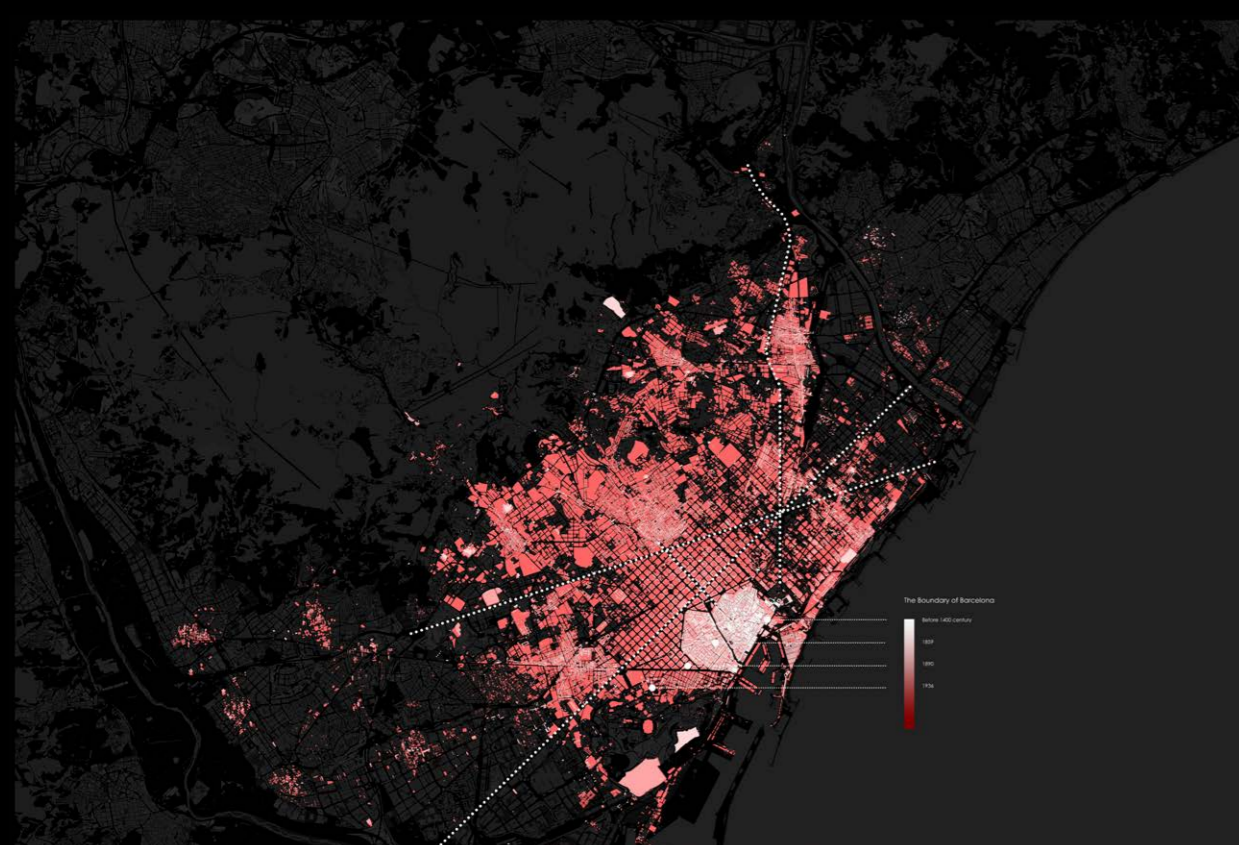
1890



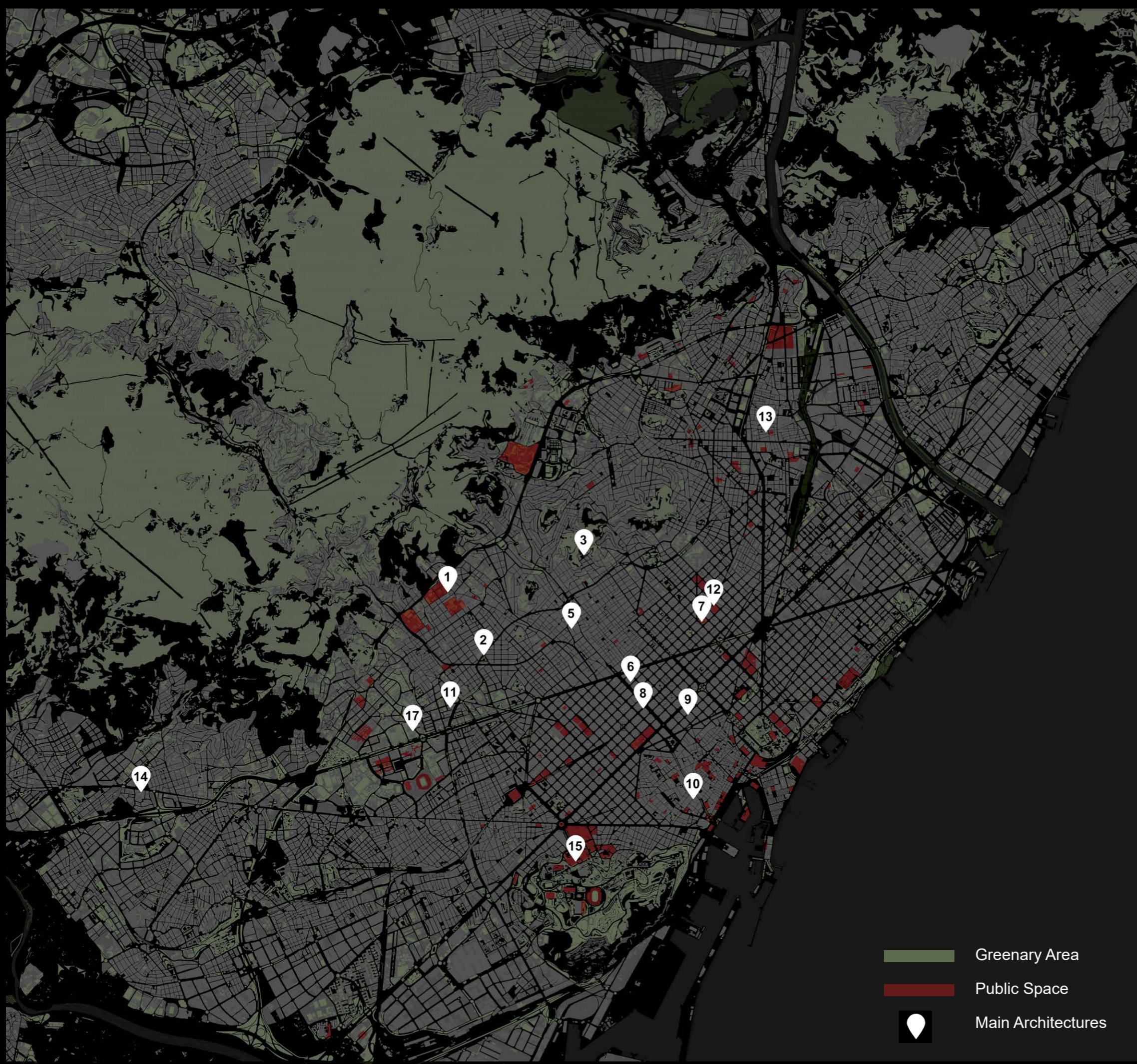
1936

1976

2010



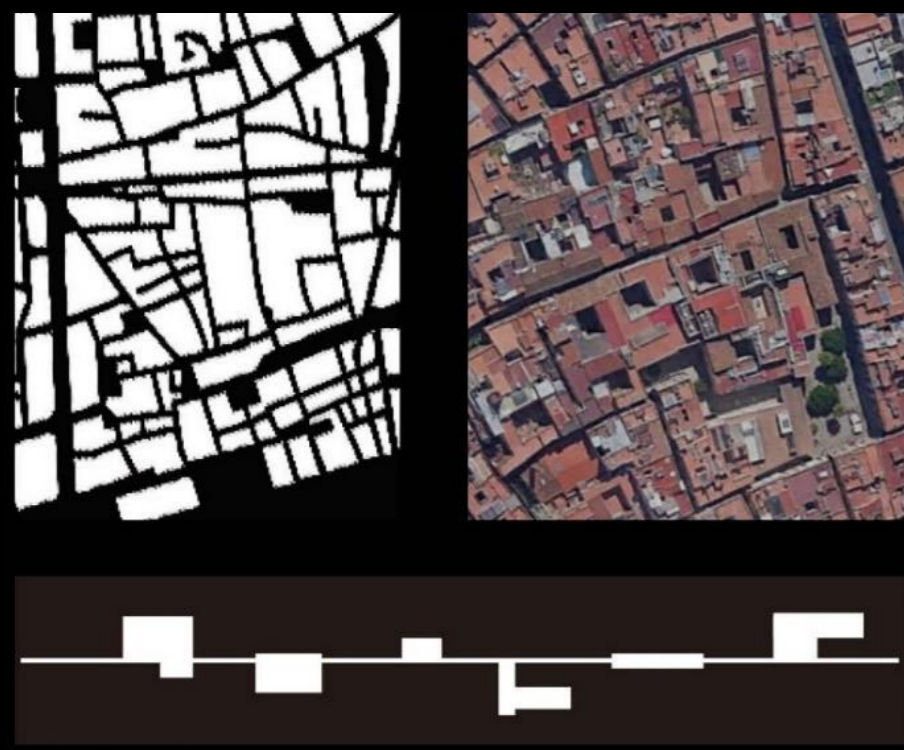
URBAN ANALYZE



ES - BARCELONA - TORRENT DE L'ESTADELLA - C - M2



URBAN TYPOLOGY



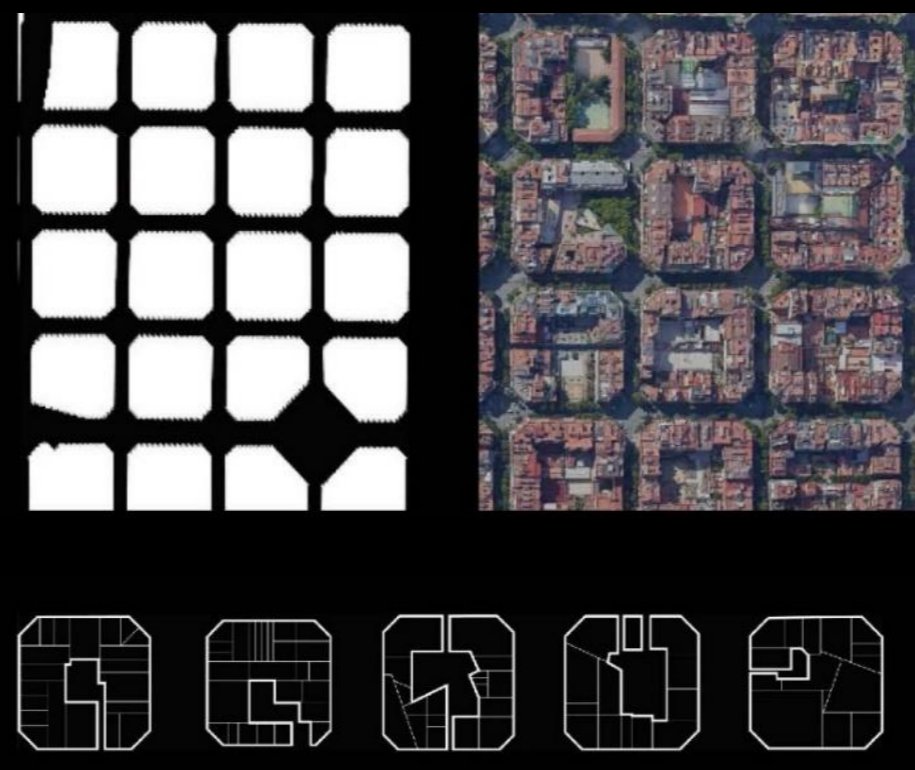
Old City Texture

The growth of manufacturing makes urban buildings denser. But there are open areas reserved for the construction of squares, markets and new buildings, which constitute the public space system of the old city.



Old Village Texture

The excessive concentration of factories led industrial interests to move out toward the towns along the plain. Villages and towns were built outside the city walls. Their texture is more regular than the crowded old city.



New City Texture

After the city walls were tear down, the city expanded outward. The road system adopted a 120-meter square grid, and the intersections of the streets were cut corners. Each block grows a different internal shape under the octagonal frame.

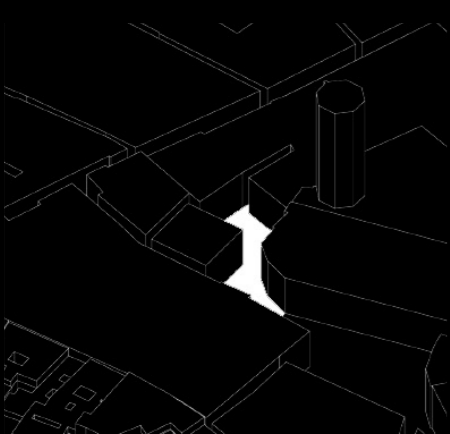


Industrial Texture

With the urban expansion of Barcelona and the growth of immigration, the chaotic industrial buildings built in the suburbs in the early years are gradually surrounded by new residential areas. The urban space in the east of the city needs to be improved, but this history needs to be remembered.

URBAN VOID SPACES

SMALL: PLACA DEL PI

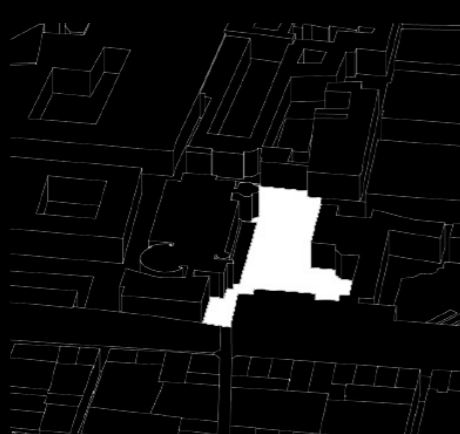


Place del Pi is a hidden square that hosts art fair, a market that sells local products, like local dry-cured sausages, cheeses, etc. There is a church named Santa Maria del Pi around Placa del Pi that was constructed during the 14th century. The front facade has an beautiful large rose window. Additionally, the square is surrounded by traditional shops with old decorated facades and old bars and restaurants.



Size: 0.0007 sqkm
Uses: Marketing, art fair outside seating

MEDIUM: PLACA DELS ANGELS

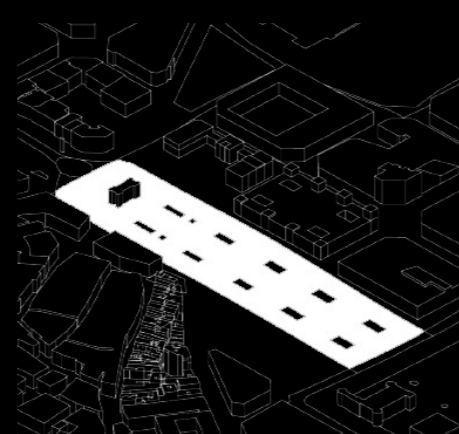


Placa dels angels is mainly defined by a modern buildings, Museum of Contemporary art, that is designed by Richard Meier in 1995. The square is full of skater boys and girls, except the visitors for the white building, everyday.



Size: 0.005 sqkm
Uses: Gathering, skating field

LARGE: ARC DE TRIOMF

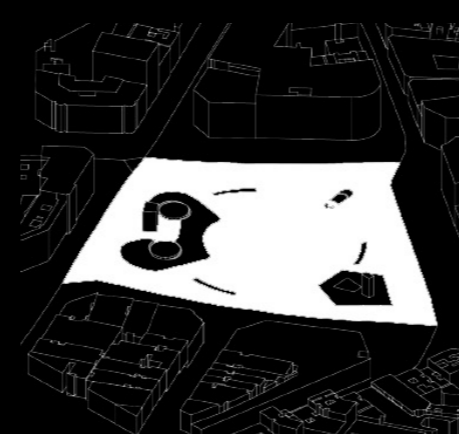


Arc de triomf, with classical architectural style and proportions, was built in 1888 for Barcelona World Fair. It is, now, also the gateway to a wonderful open area where people can walk down to the avenue with rows of palm trees and beautiful street lights. The area is also full of skaters and street artists.



Size: 0.03 sqkm
Uses: Visiting, wondering playing

X-LARGE: PLACA DE CATALUNYA



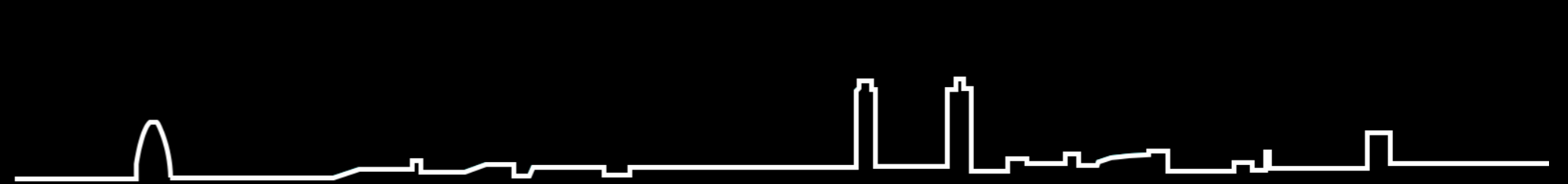
Placa de Catalunya is the meeting center of Barcelona for locals and visitors with its large shopping centers and department stores around. Most of the city's most important streets and avenues meet at Placa de Catalunya. It is known for its big square, fountains, and statues, with a great number of pigeons gathered in the area.



Size: 0.05 sqkm
Uses: Gathering, underground transportation system

SKYLINE OF BARCELONA

FACE THE SEA



FROM PROJECT SITE





- Limits
- Trace
- Water System
- Threshold
- Wild Green Area
- Main Connection
- Greenary Area

Limit and Trace

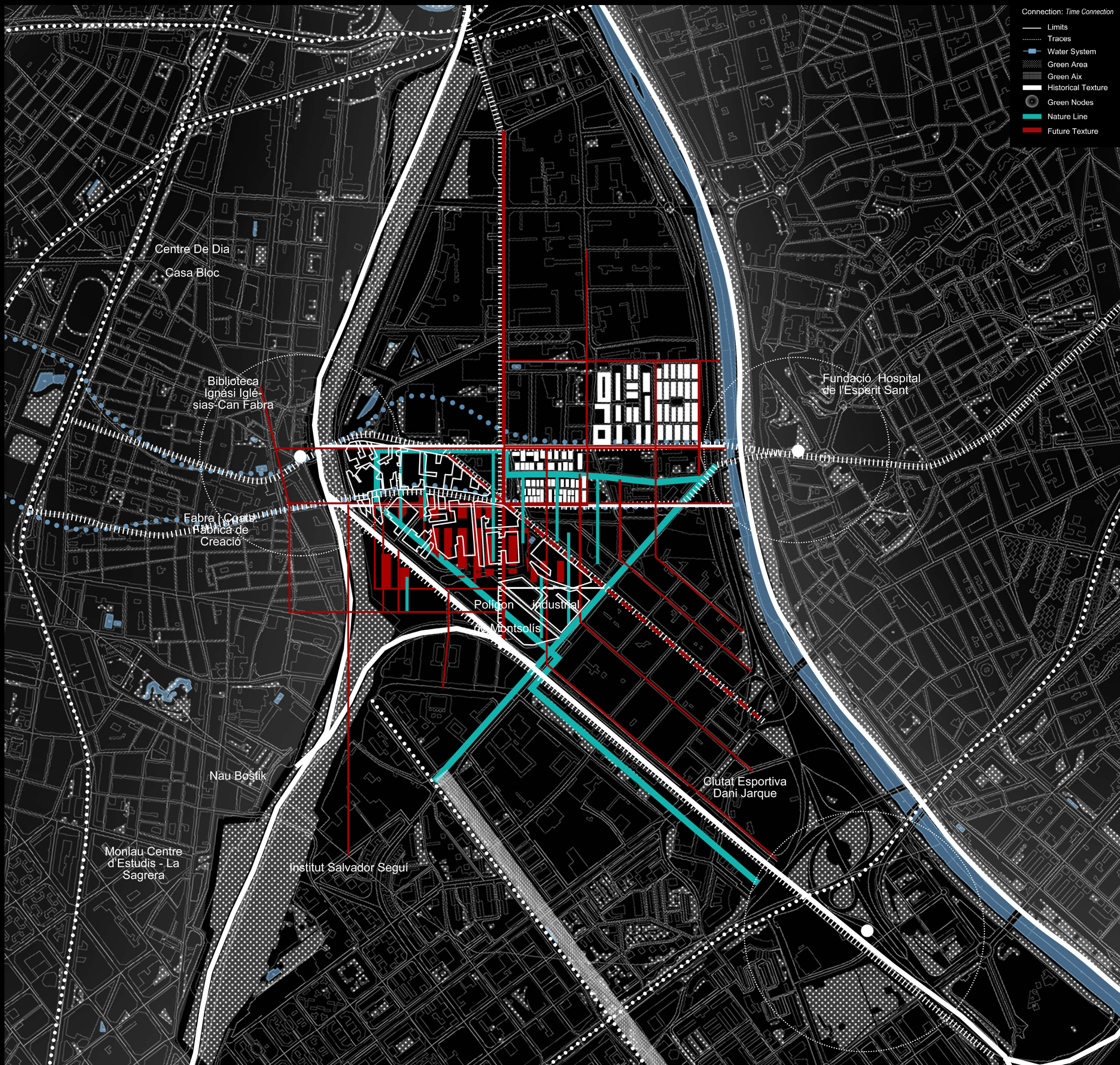
Threshold

Activities

Industry

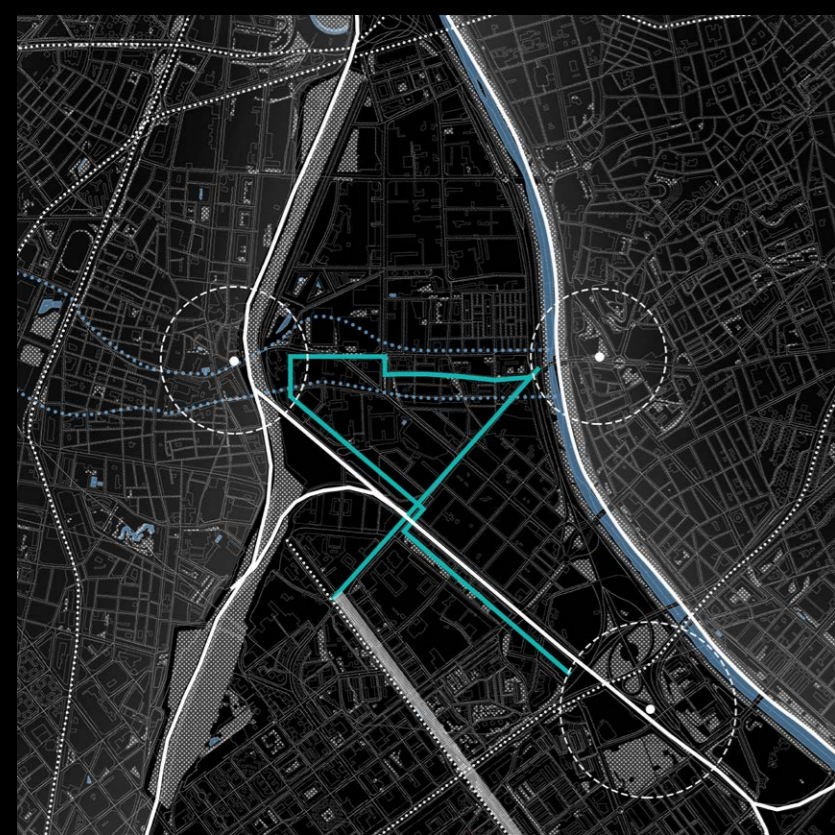


- Industry
- Commercial
- Administration
- Construction
- Restaurant
- Repair
- Active
- Inactive



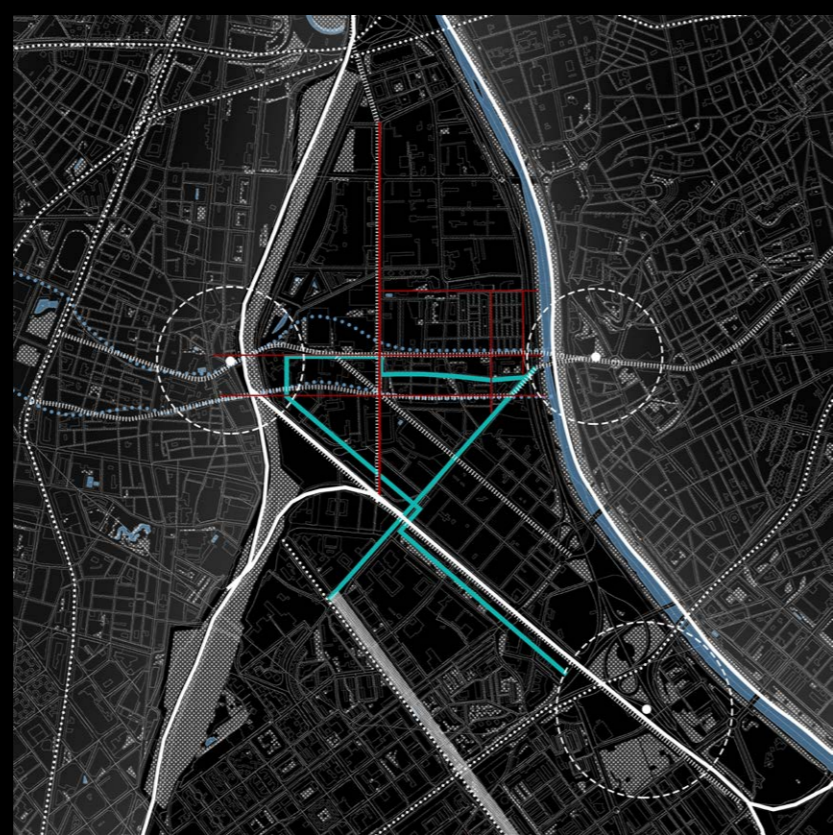
STRATGE 01

Nature Line



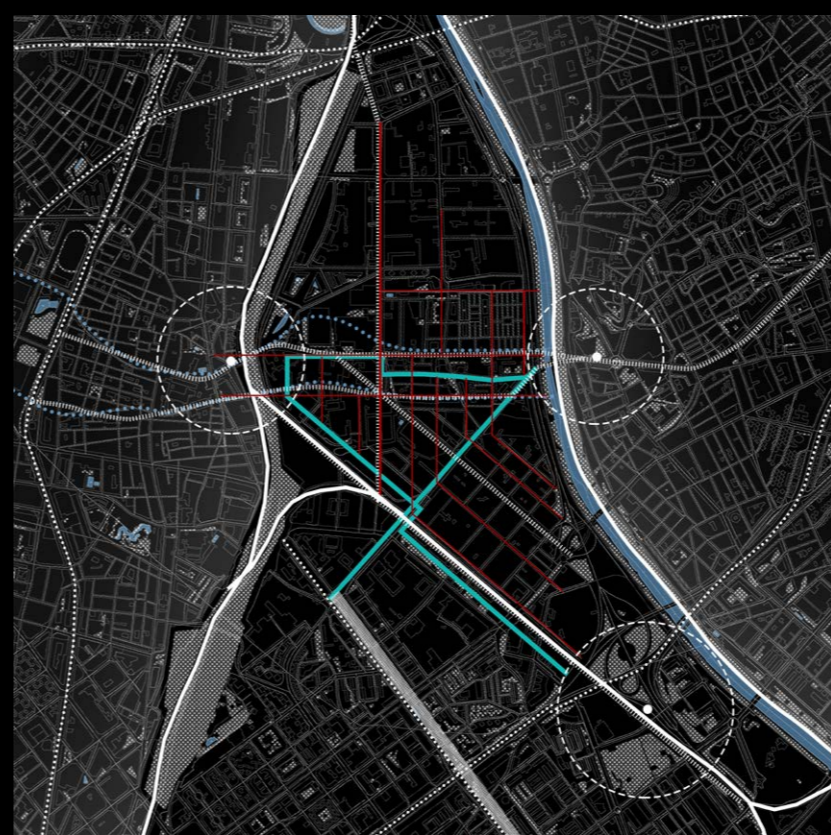
STRATGE 02

Sequence Reshaping



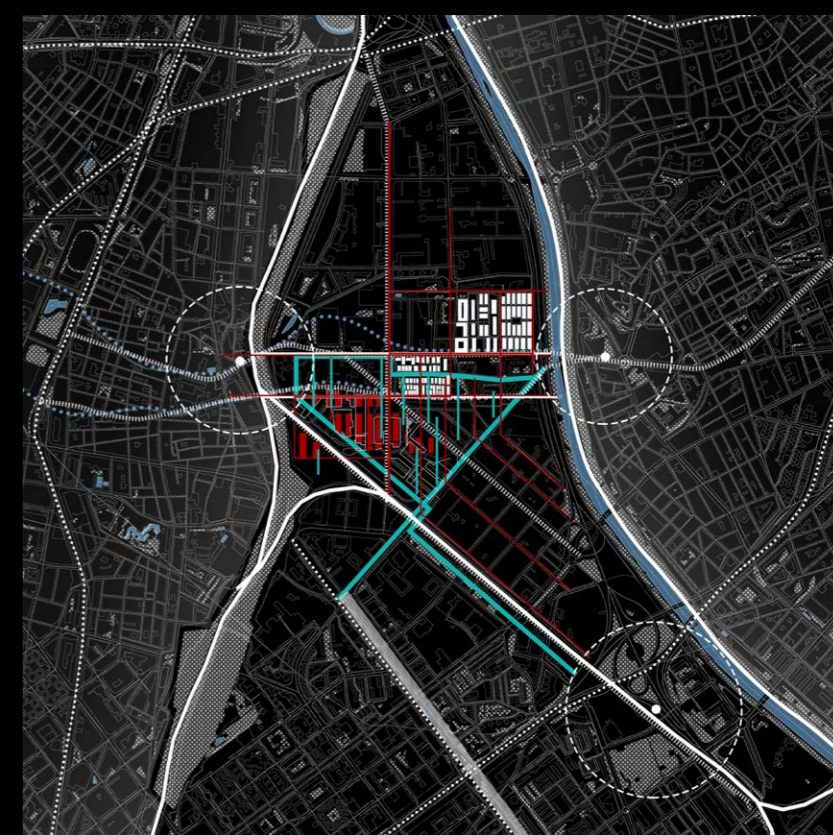
STRATGE 02

Sequence Reshaping



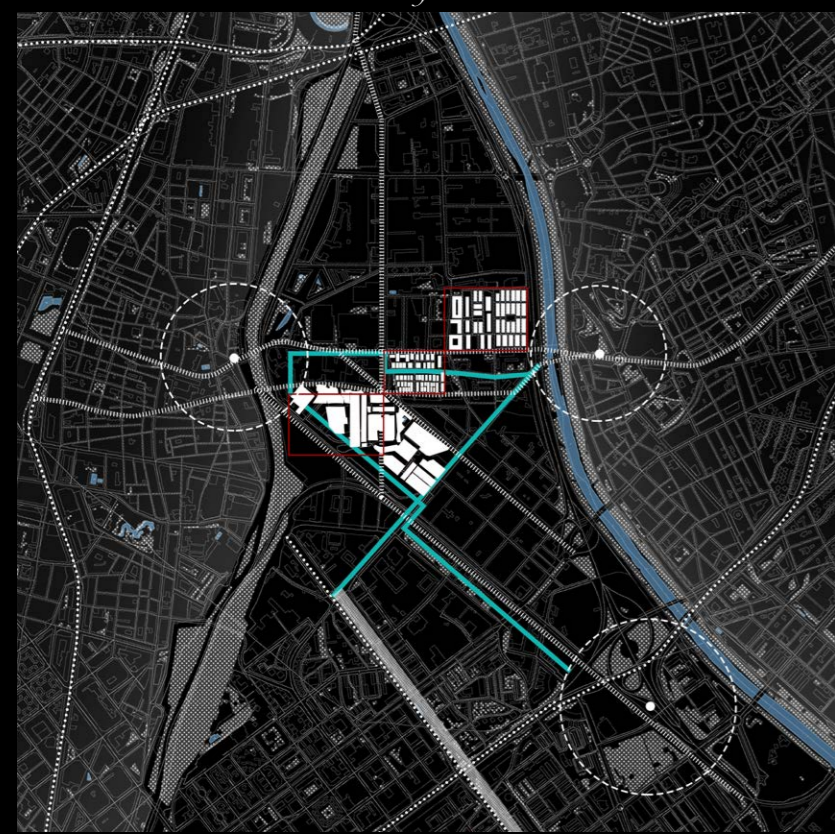
STRATGE 02

Sequence Reshaping



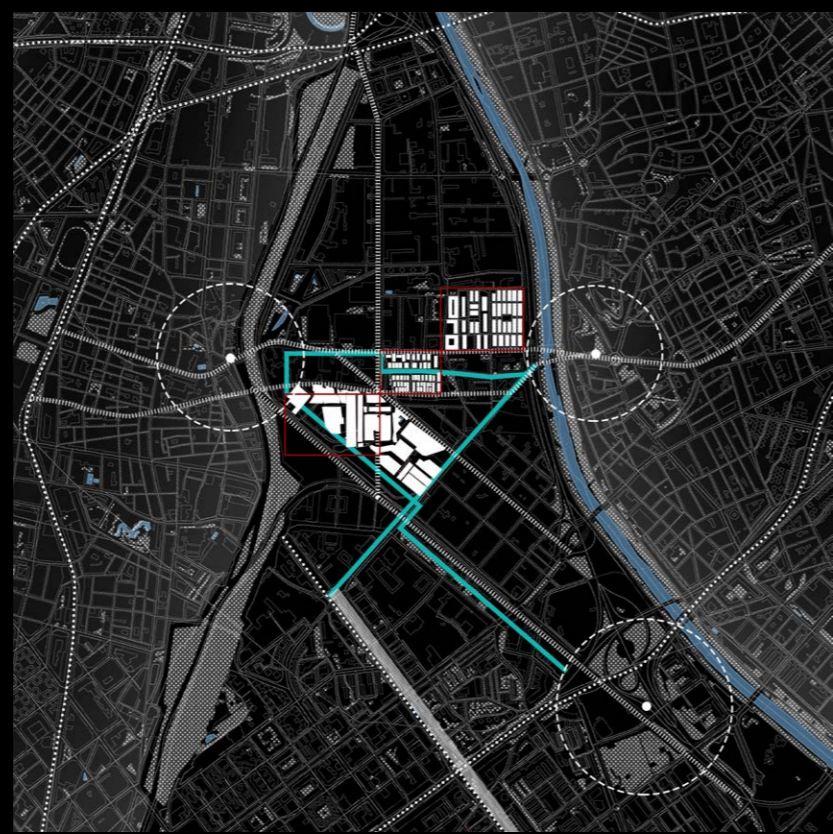
STRATGE 03

Connection: Physical Connection



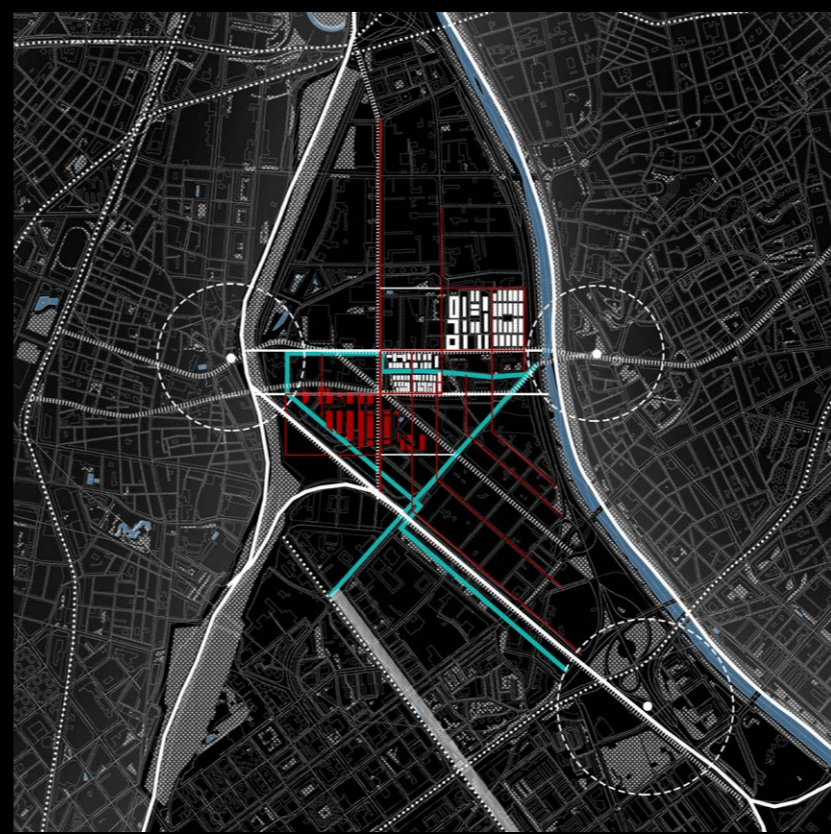
STRATGE 03

Connection: Time Connection



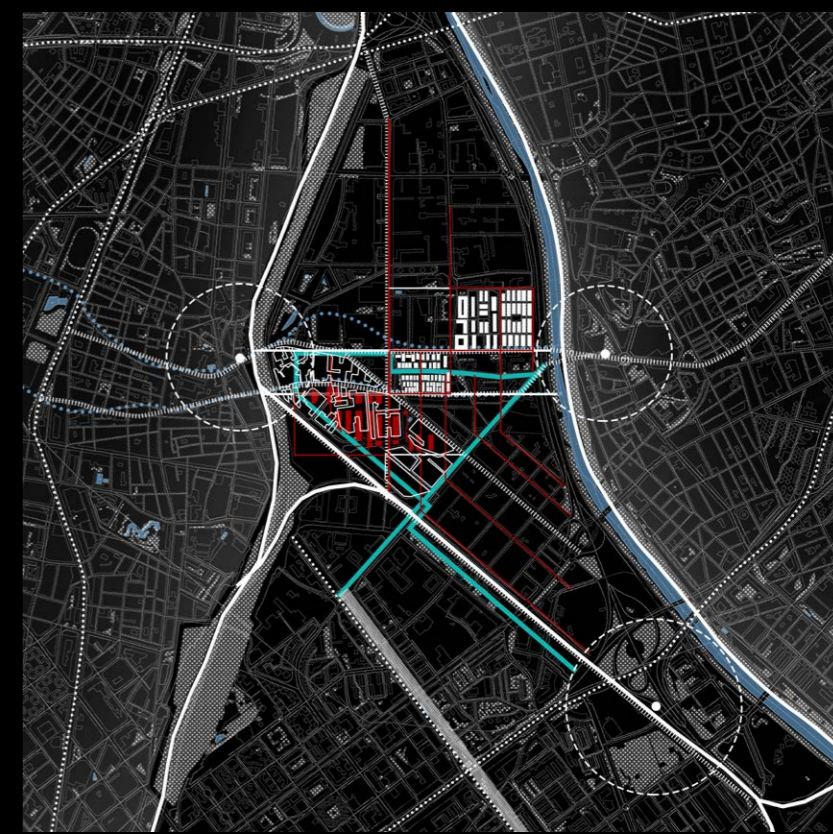
STRATGE 03

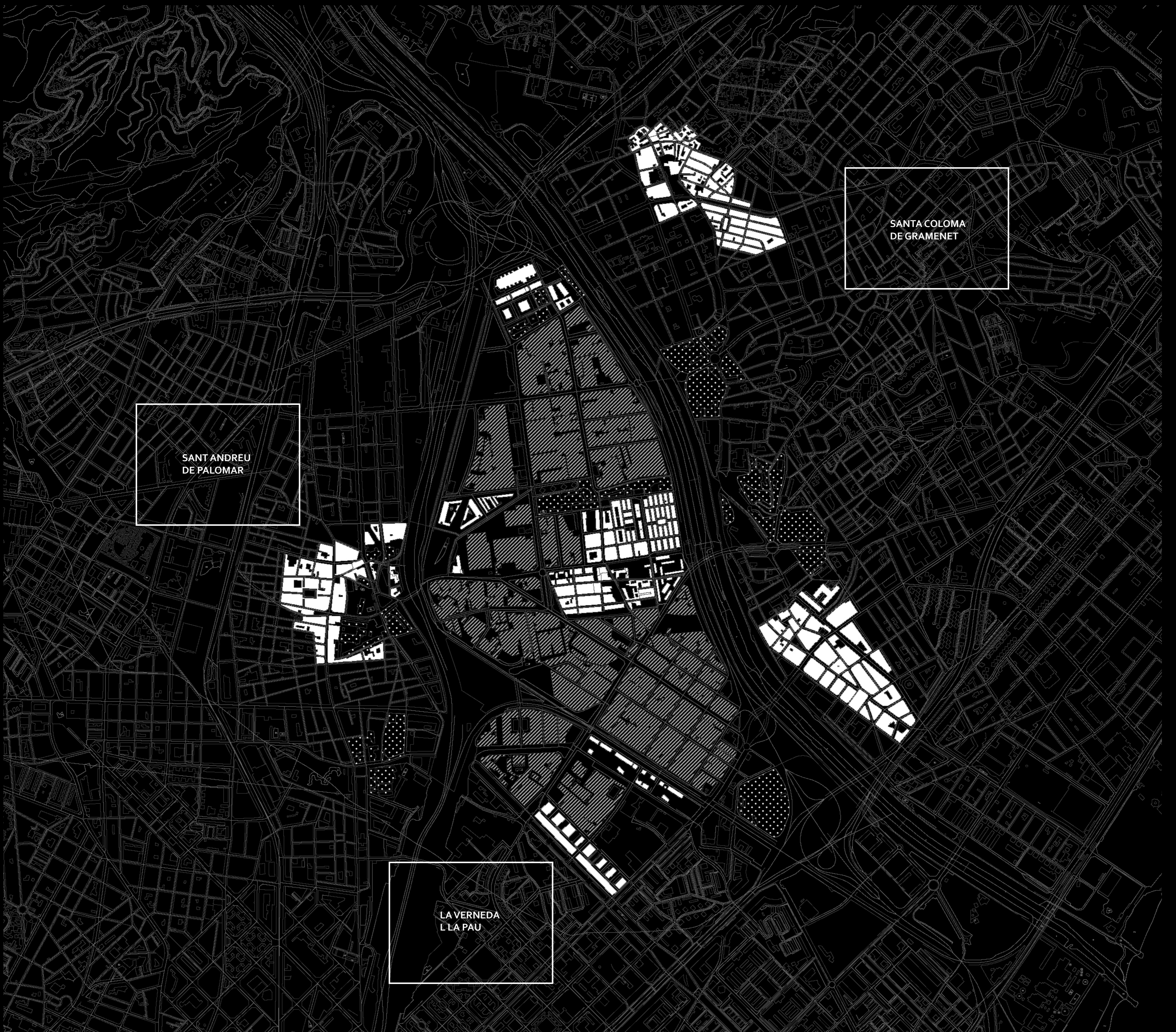
Connection: Time Connection



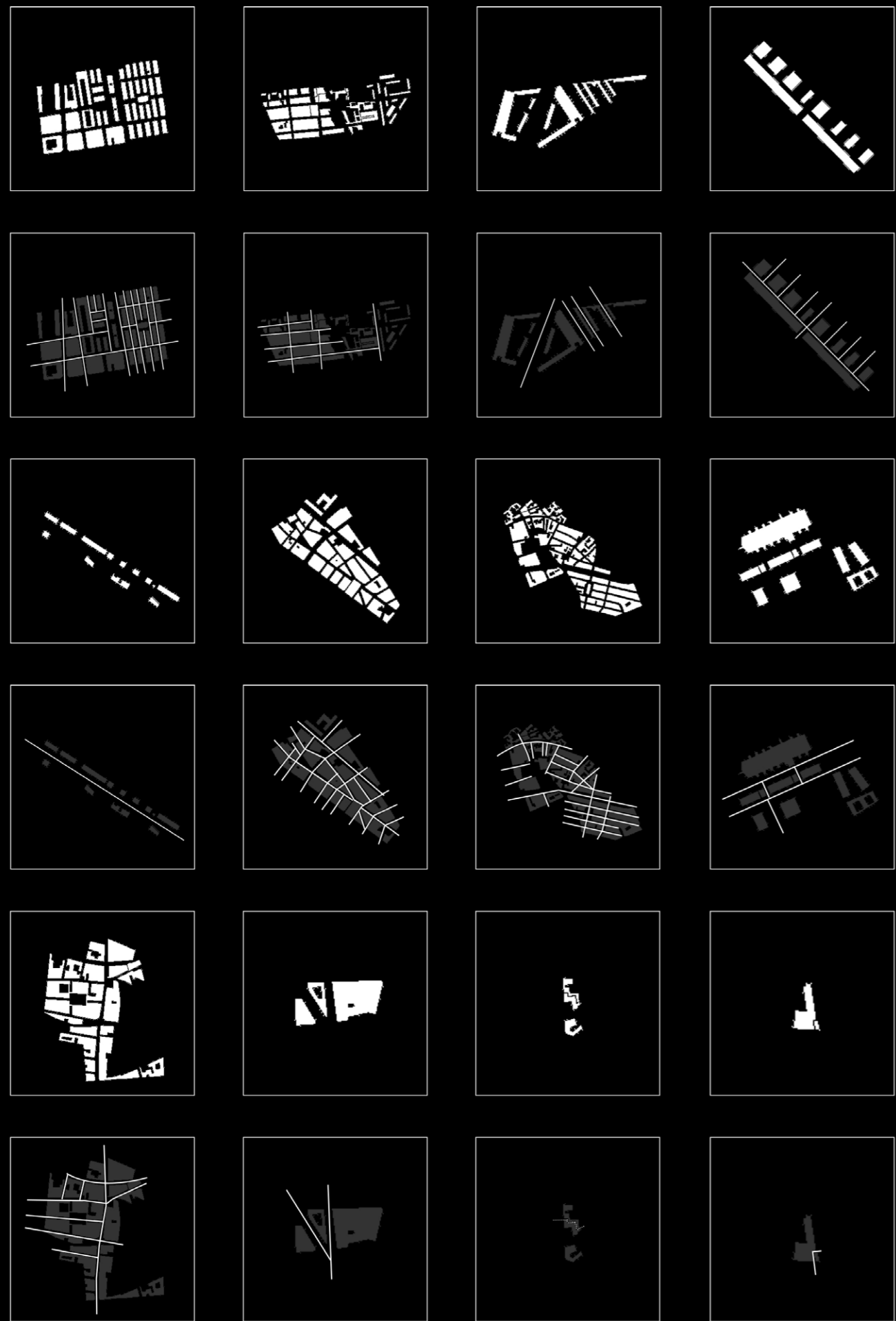
STRATGE 03

Connection: Time Connection

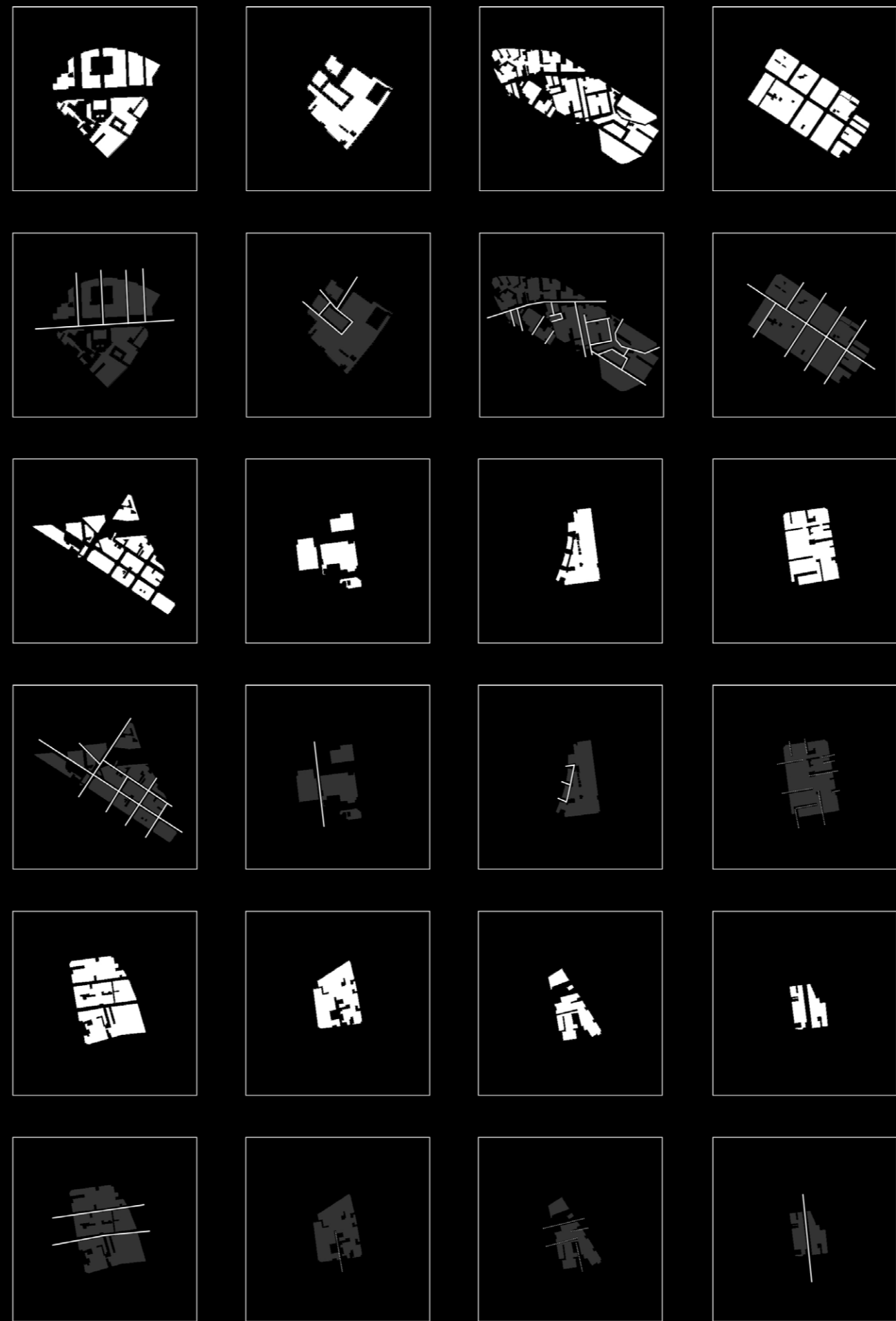




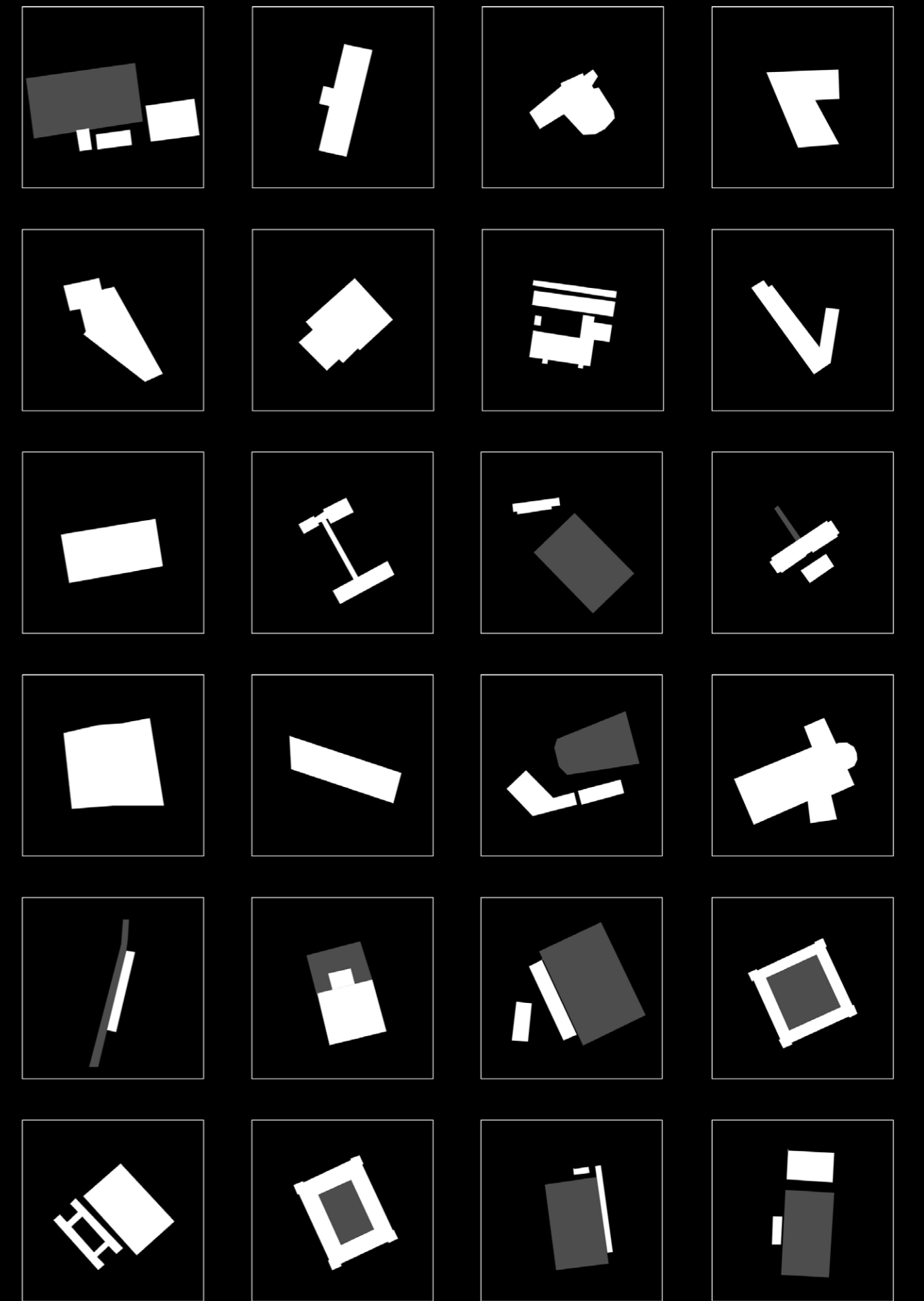
Residence

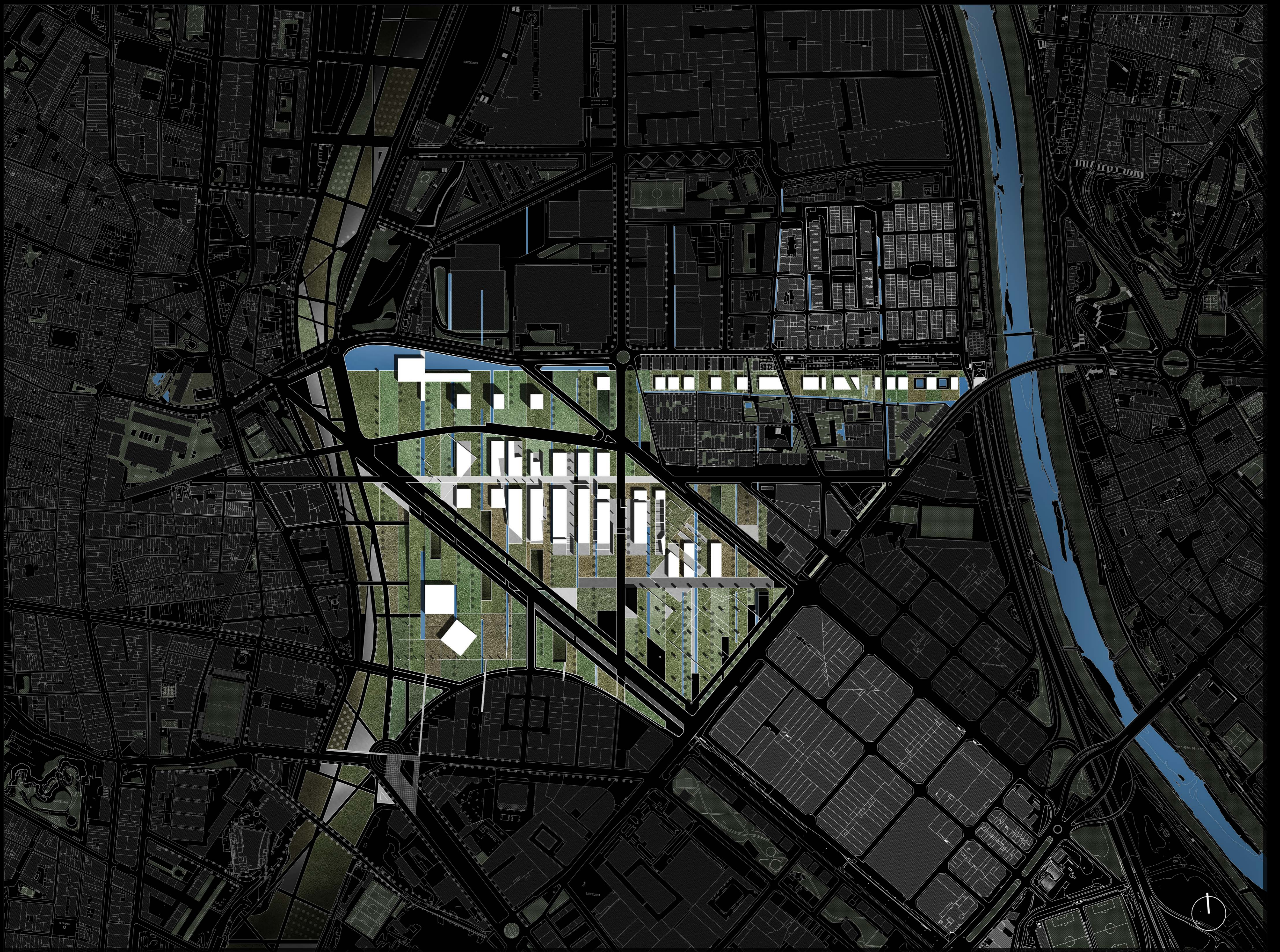


Industry

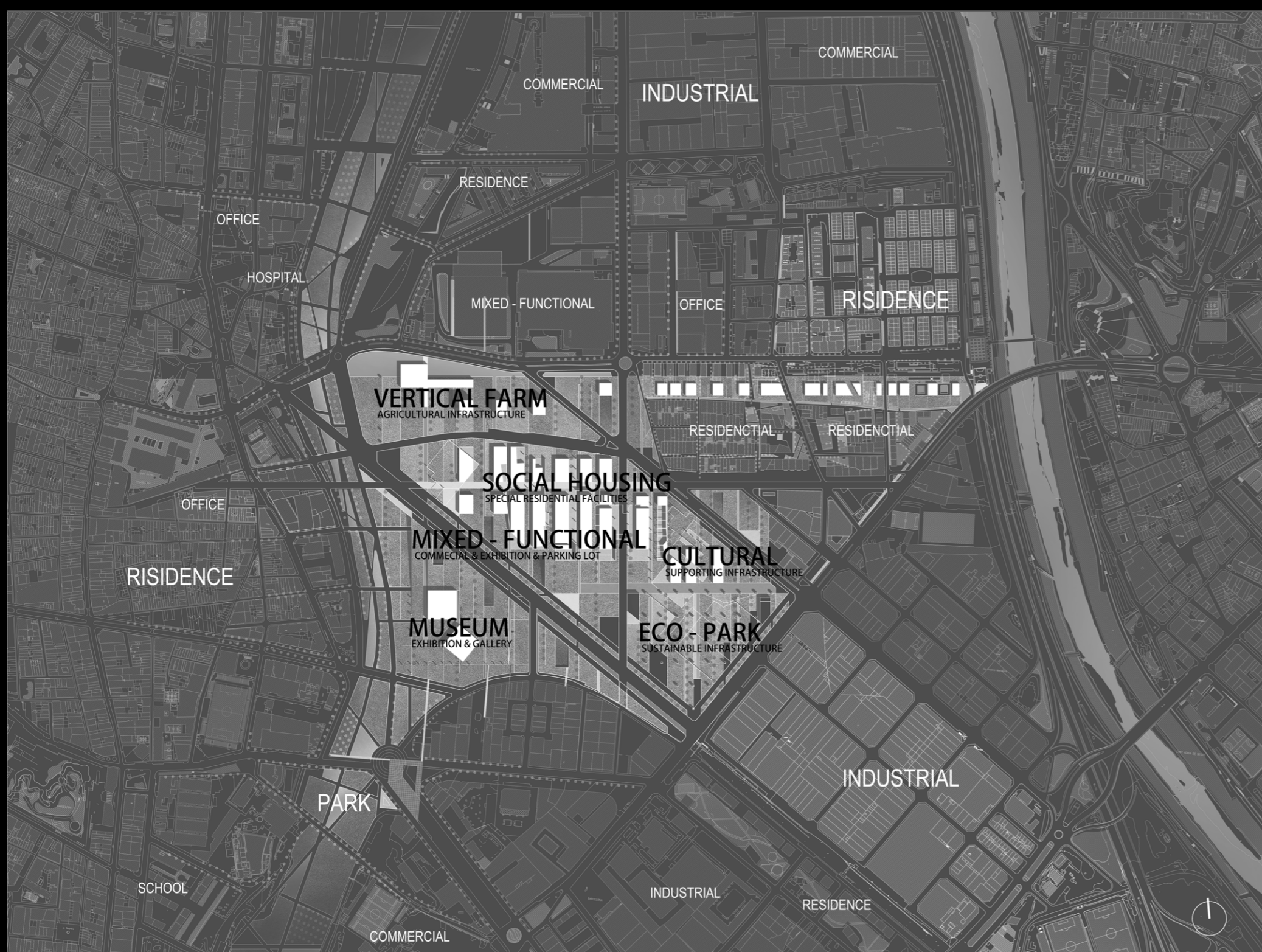


Main architecture





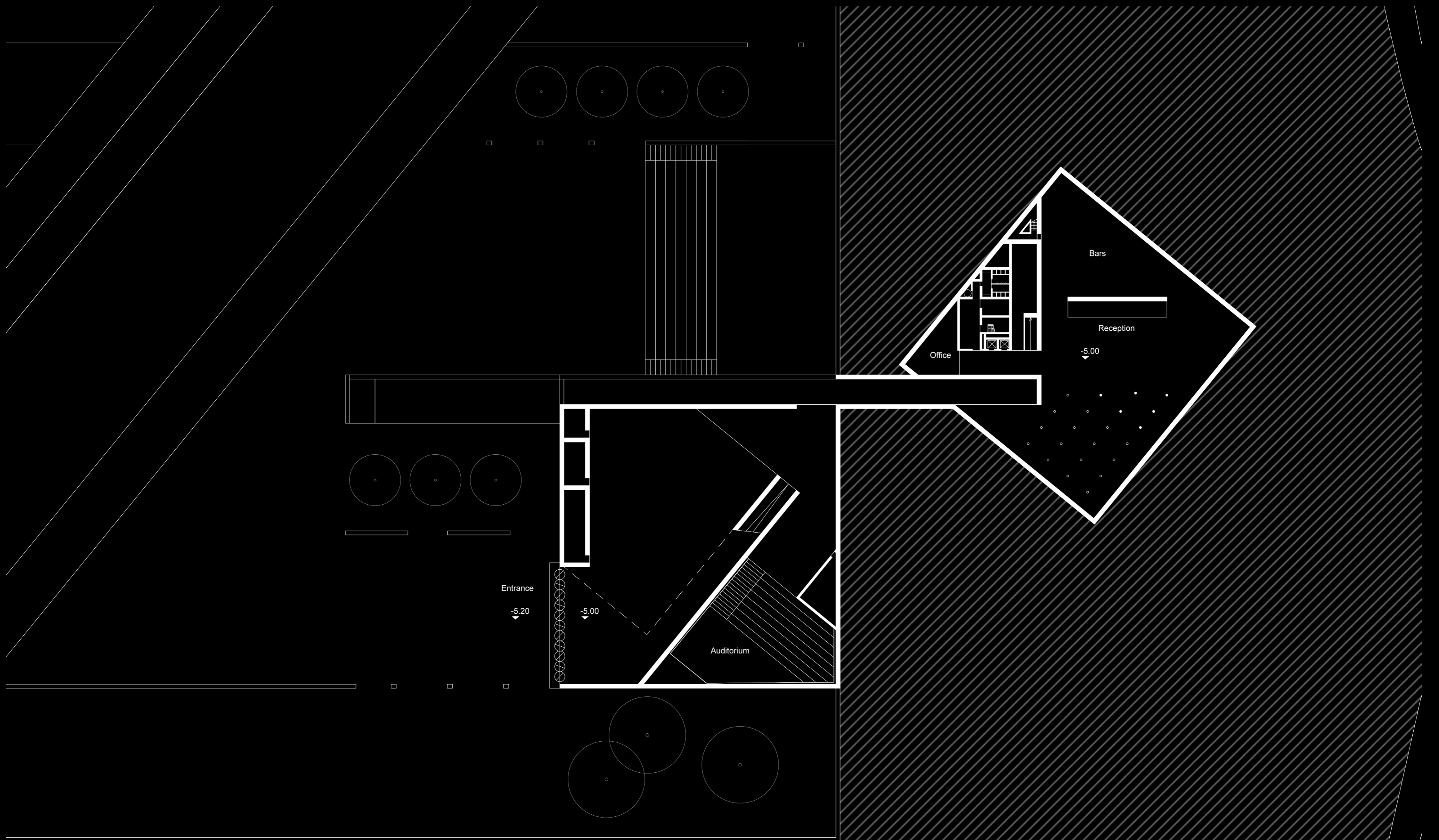
Masterplan 1:500



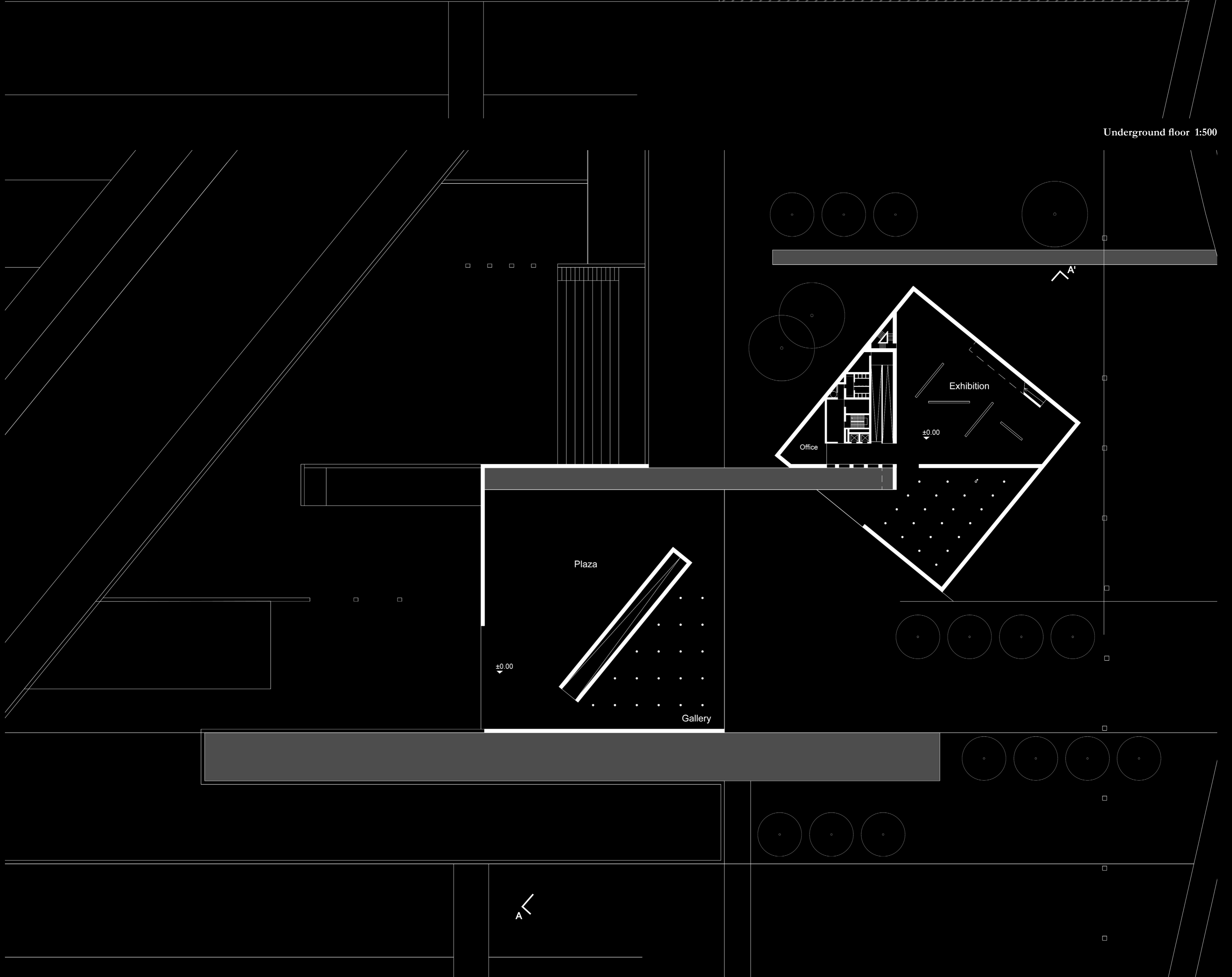
Function analyze



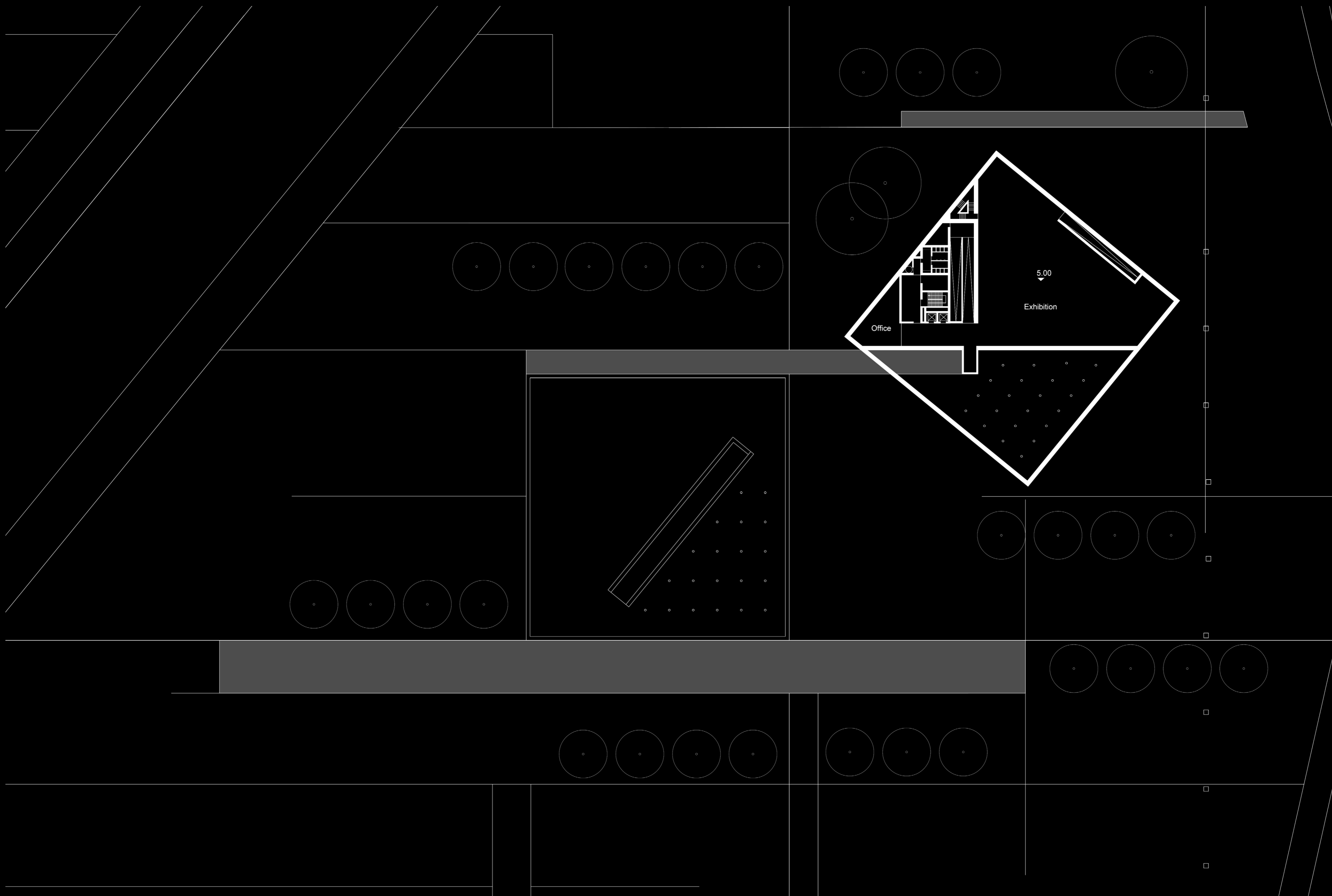
Tranportation and road



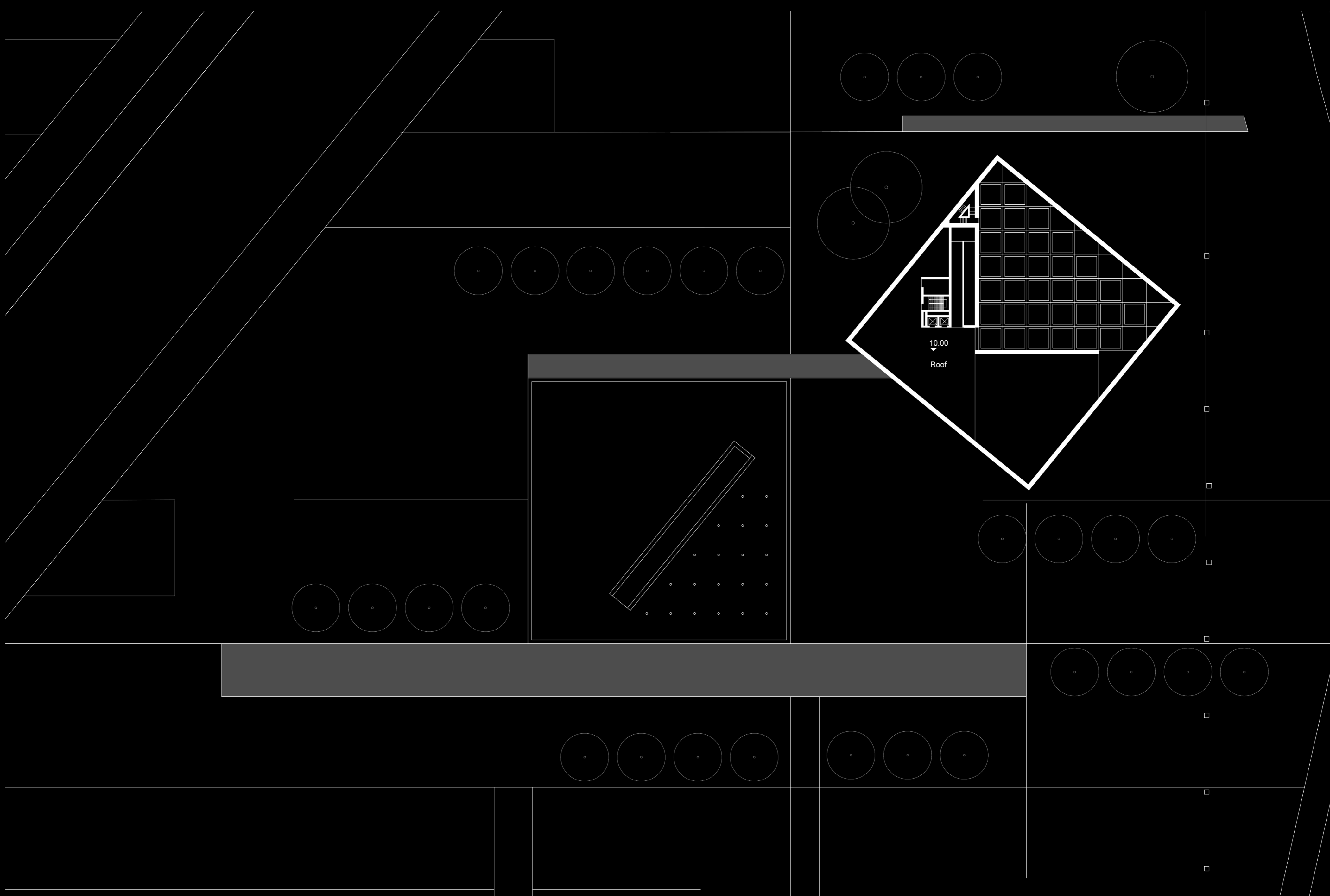
Underground floor 1:500



Ground floor 1:500



1 floor 1:500



Roof floor 1:500



Sectionr A-A' 1:500



Sectionr B-B' 1:500

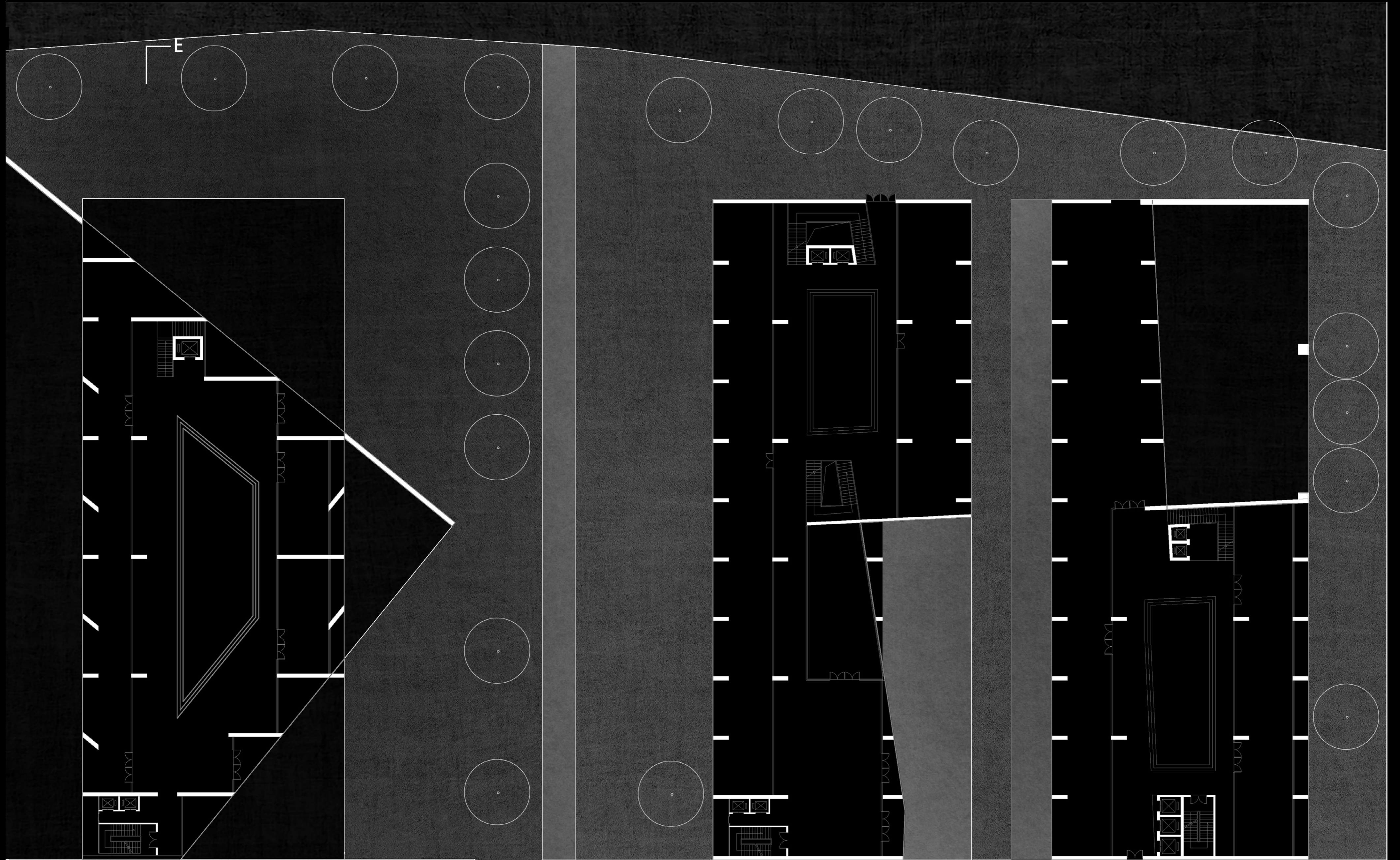


Longitudinal elevation 1:500

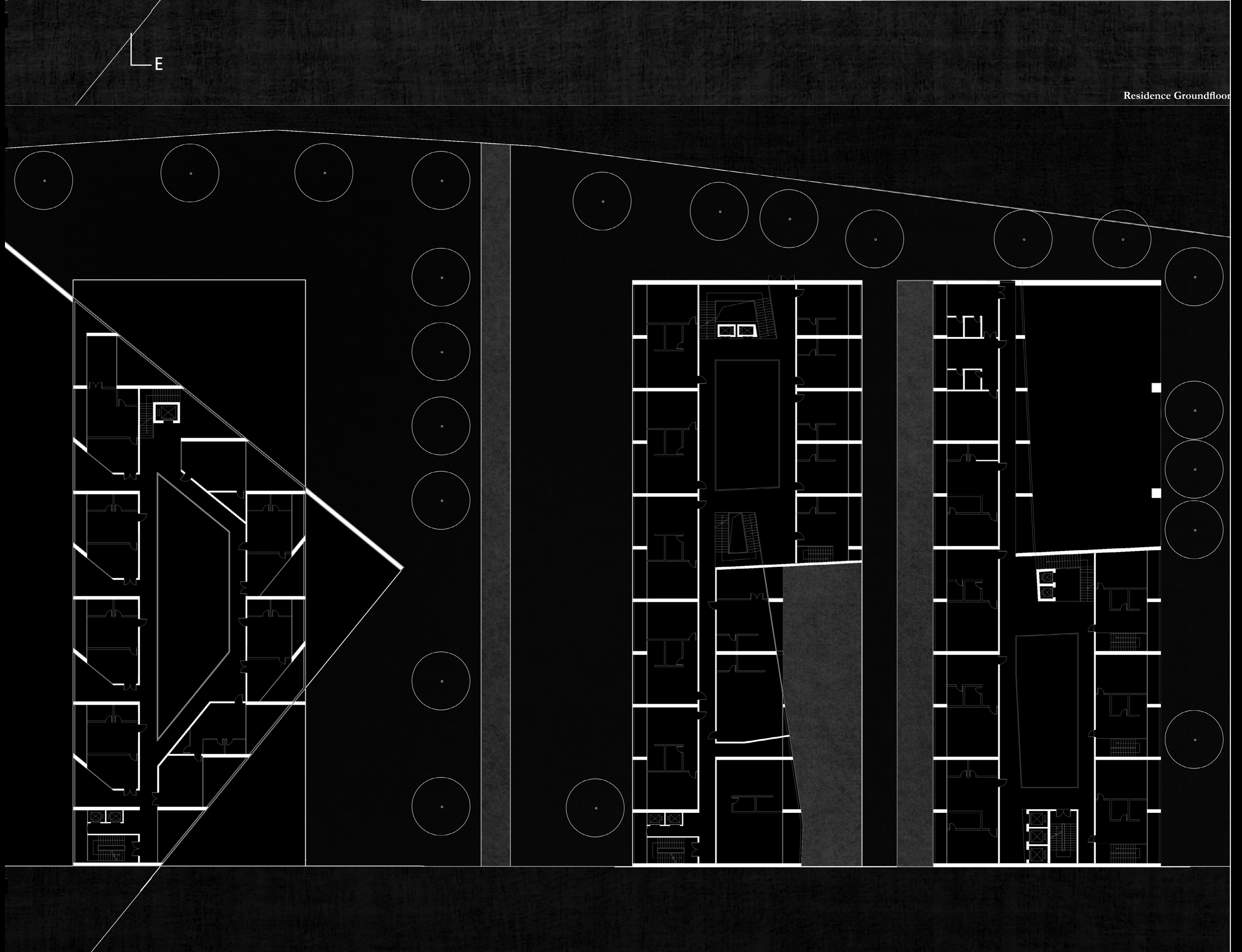


Transversal elevation 1:500



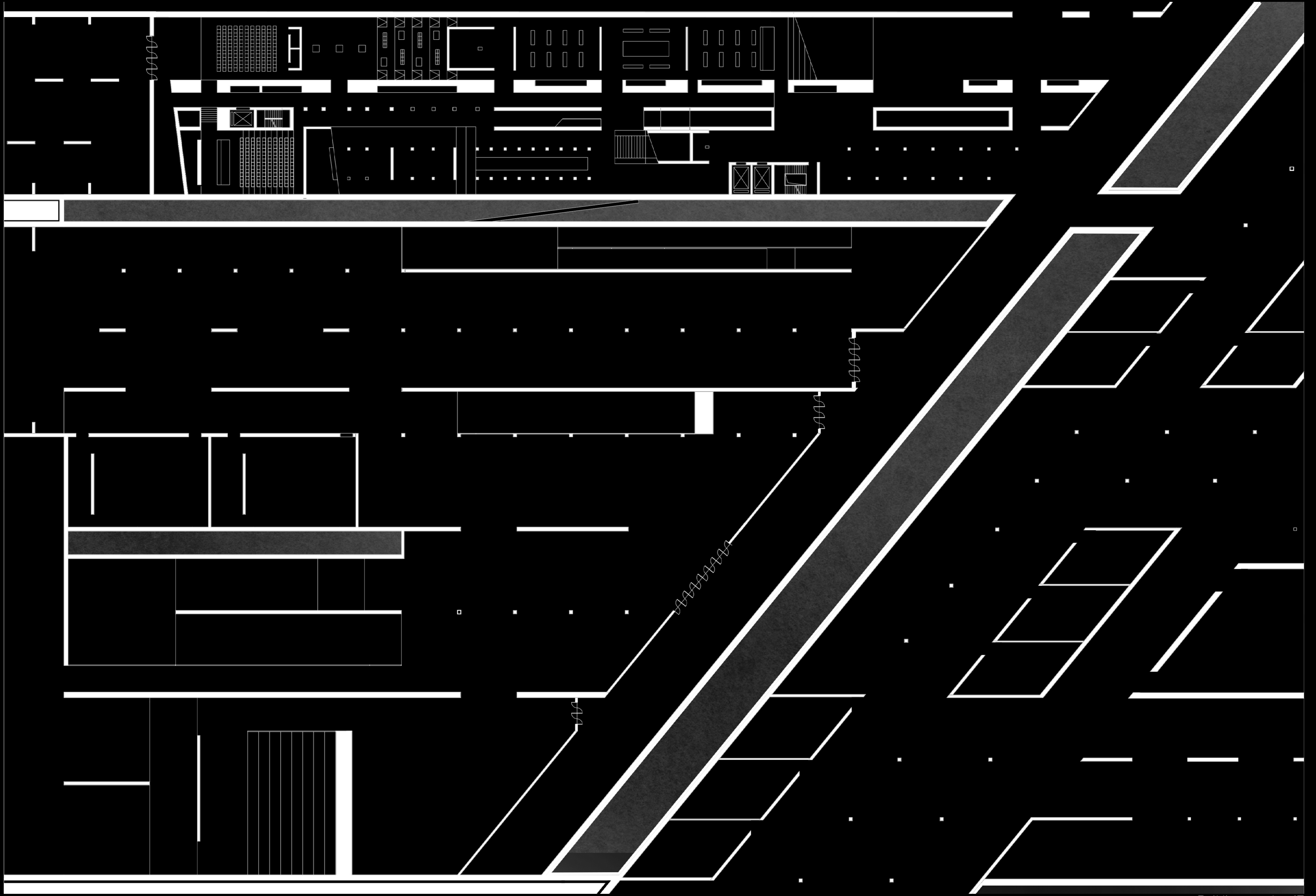


Residence Groundfloor

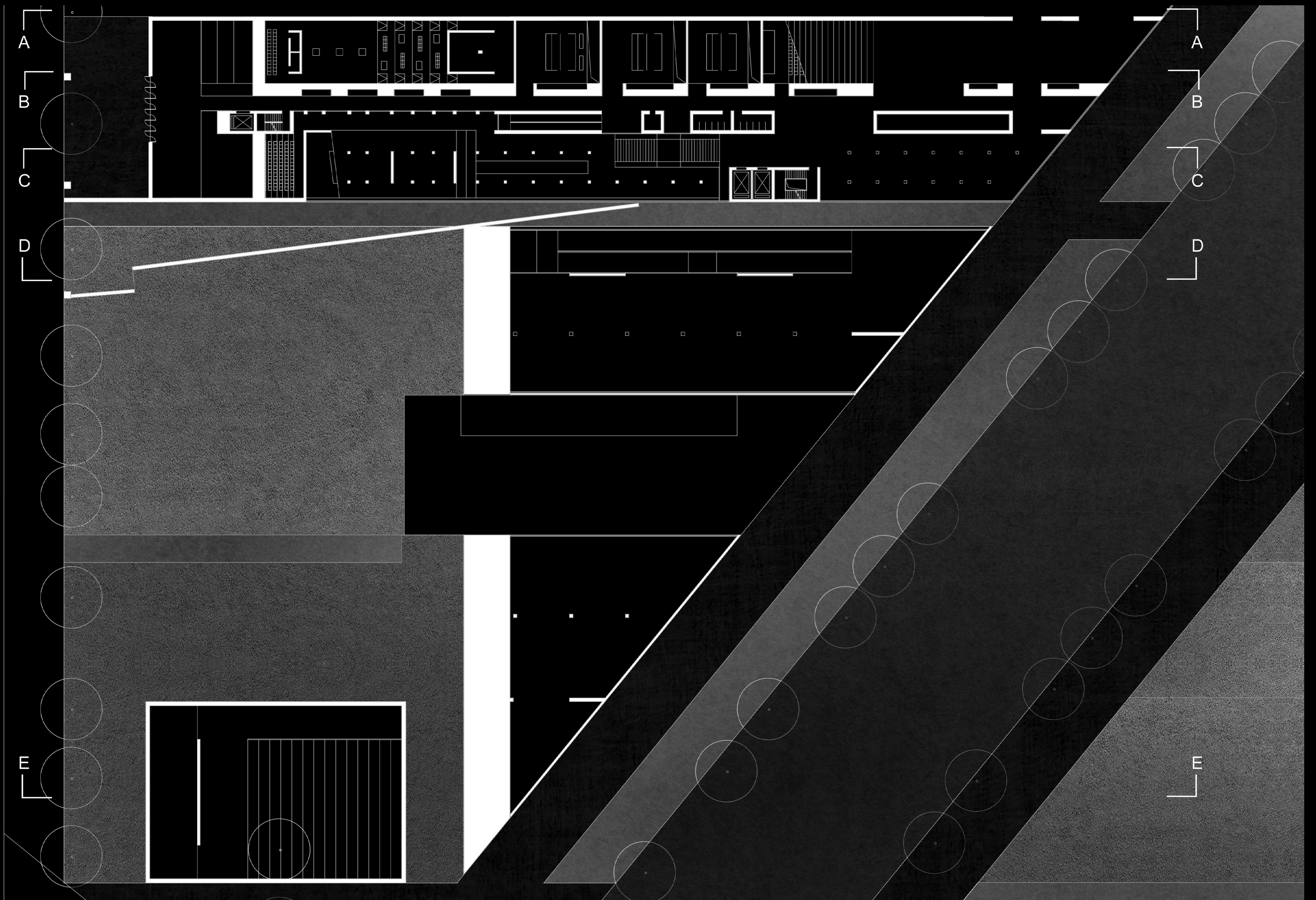


Residence 1F

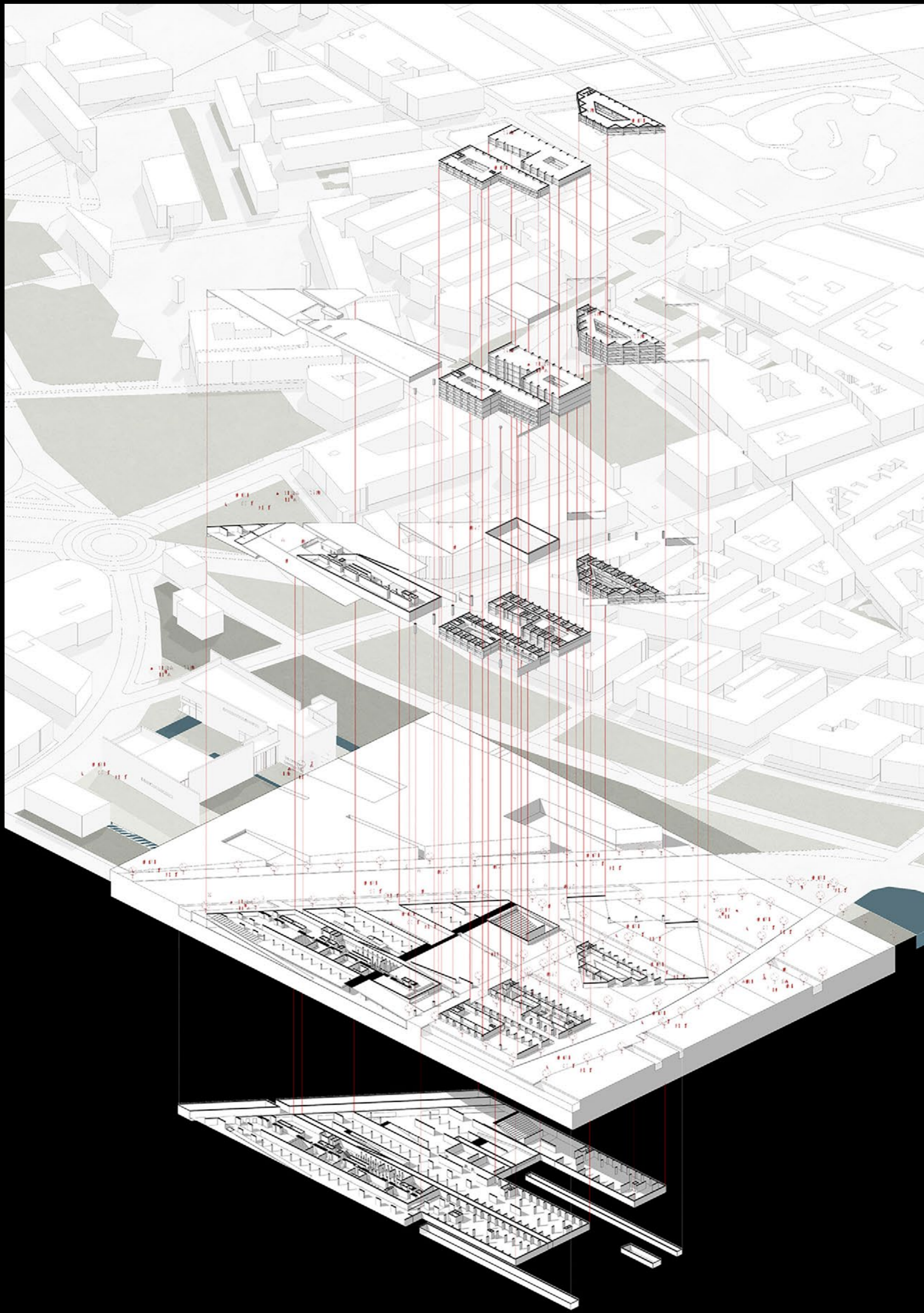
BUILDING COMPLEX



Building complex -1F



Building complex ground floor



Section E-E