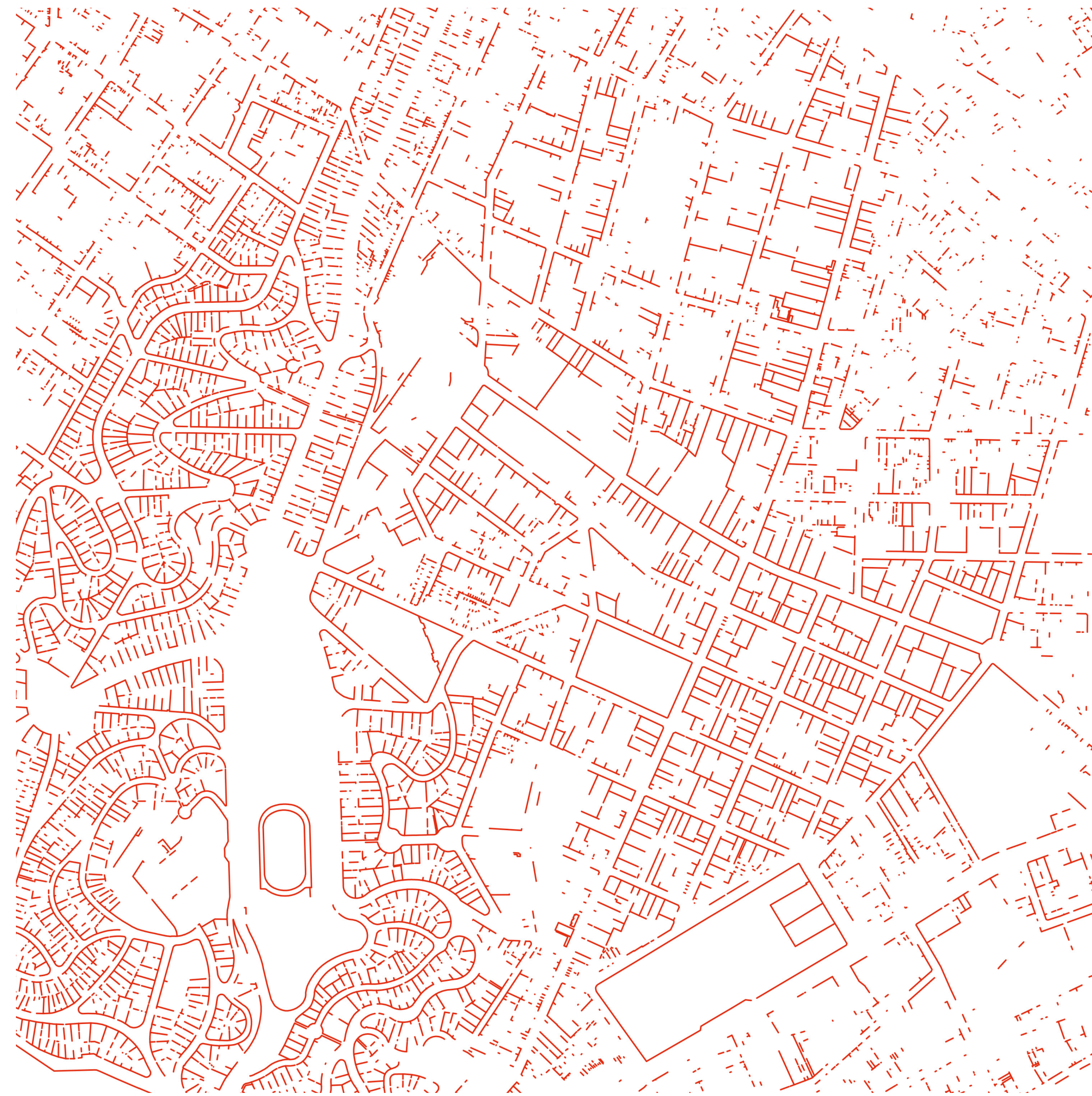


Wall Spaces



Diploma, AHO spring 2018

Astrid Fadnes







580

EDIFÍCIO GAIVÃO



Paulo Antunes
Imóveis

Paulo Antunes
Imóveis

ES LETE

546



DI. WISSEK TEL: 3333-5974

3333-5974

ALMA-SE



Santander





ALUGA
5071-2678

COELHO DA FONSECA
ALUGA
3677 5000

ALUGA

ALUGO
3234-0000

vivo

vivo

Emporio Maria Flor

ATL-1527



EDIFÍCIO D. VIRGINIA 808

808

ATENÇÃO

8080808





Sito Park
TEMOS
VAGAS PI
MENSALISTA

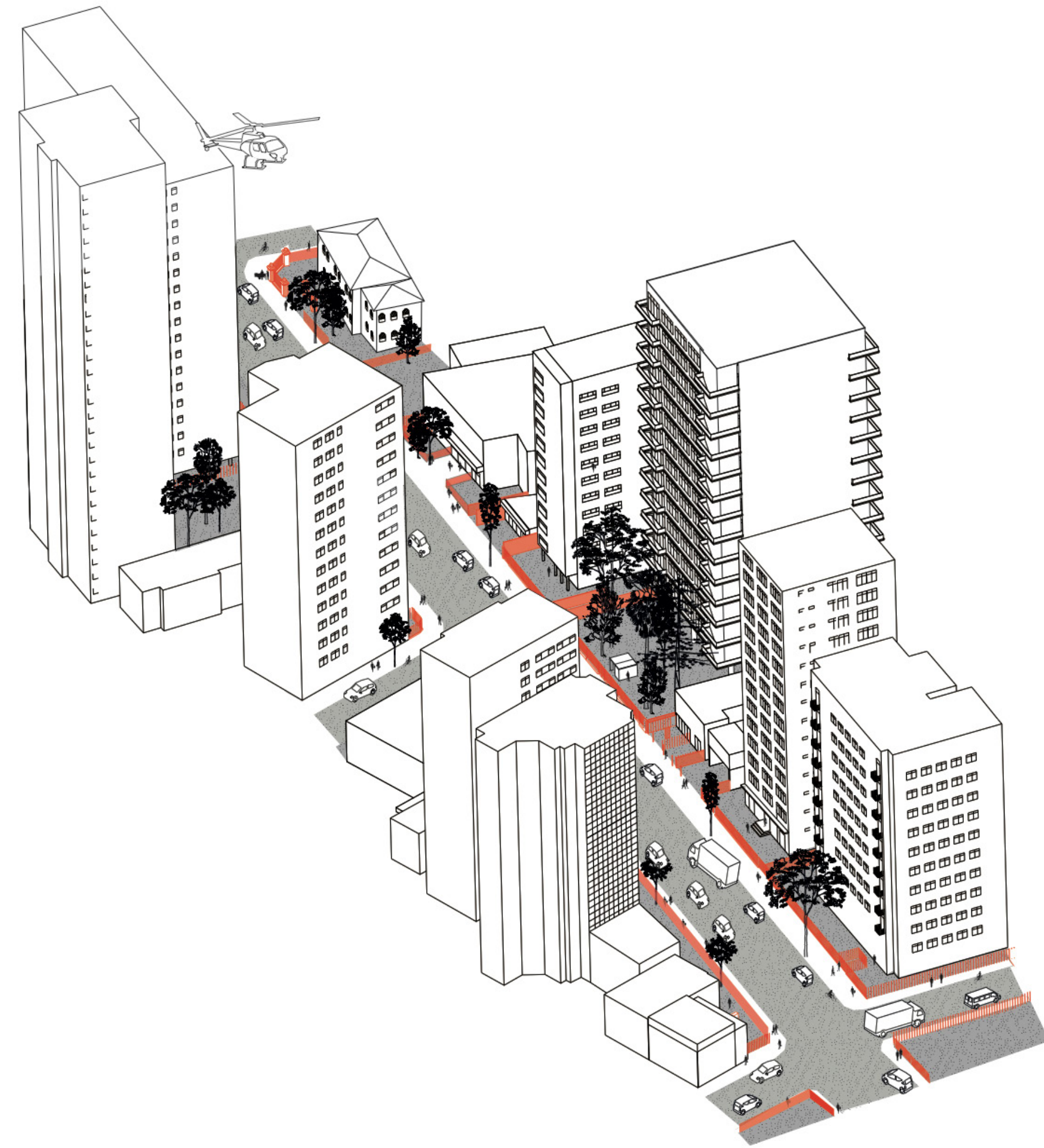




ALUGA-SE
3258-6633

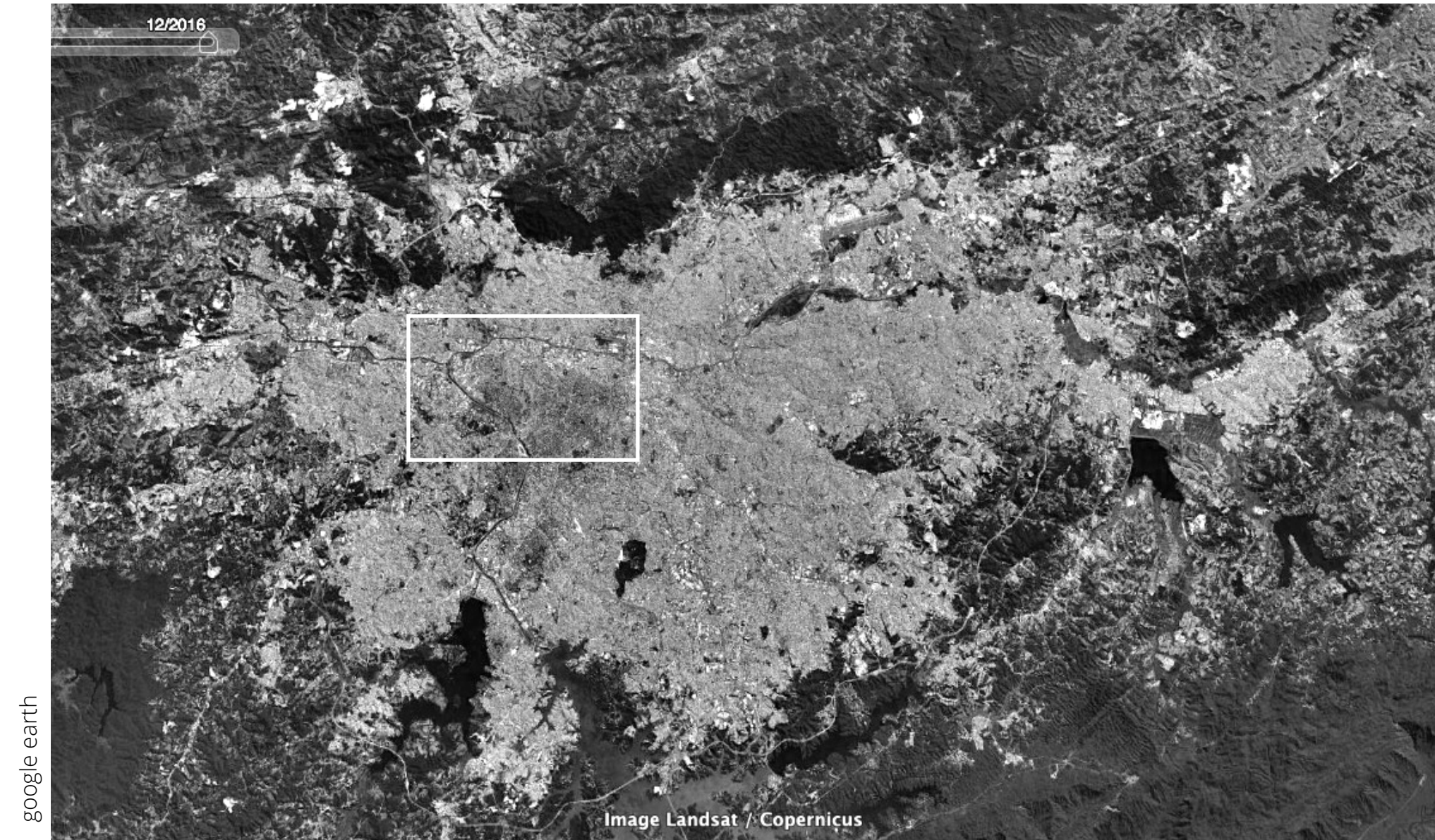






What is the **potential of the wall** or the fence and how can the physical division of space imply something **enriching to both private and public spaces**?

São Paulo, Brazil



THE METROPOLE
population: 21,2 million



THE CITY
population: 12 million

Project in three takes:

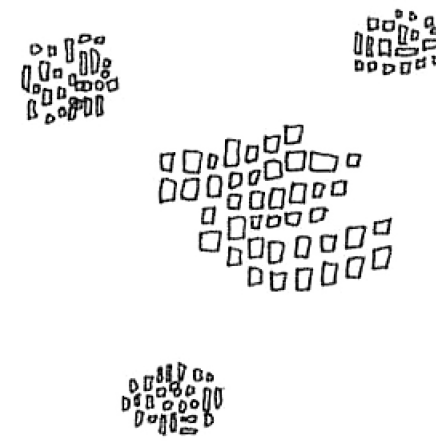
- I Wall analysis
- II Street analysis
- III Strategic project proposal



I

Concentration

until 1940



II

Centre-periphery

1940s -1980s



III

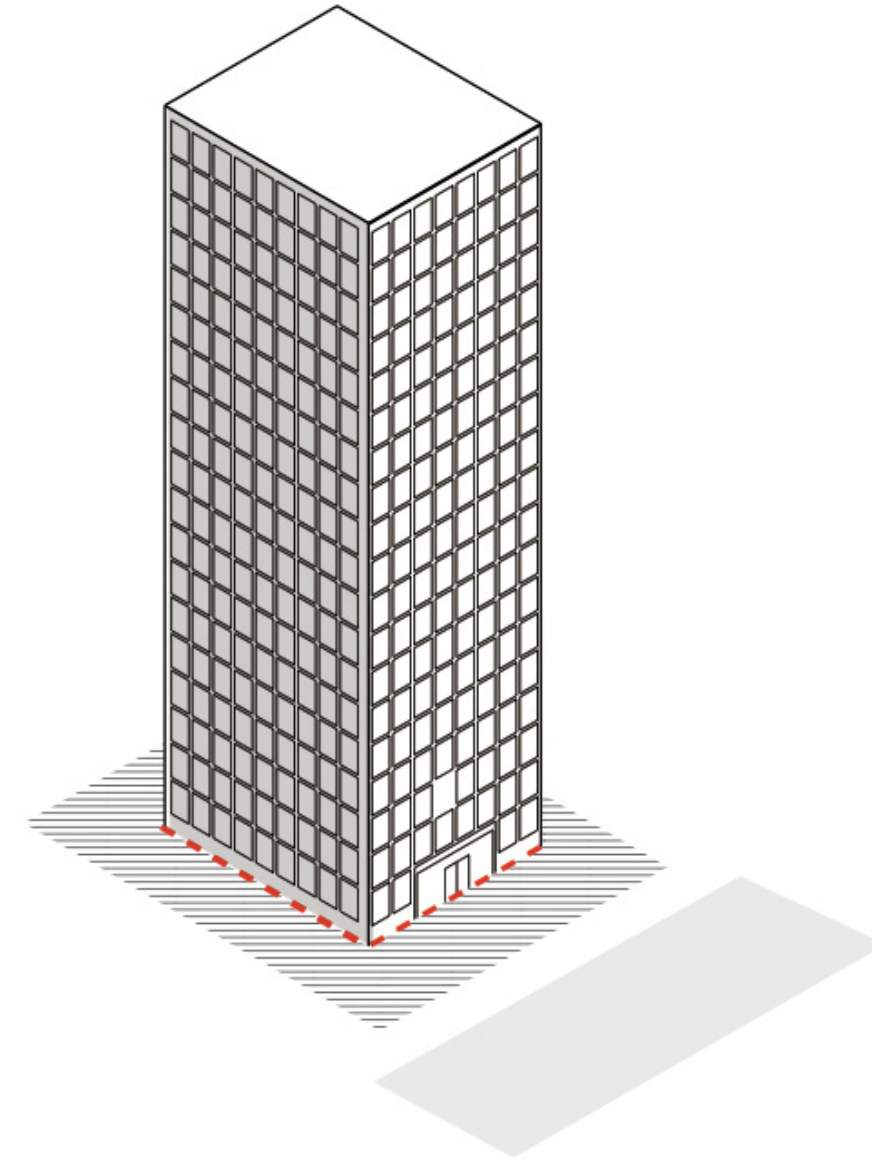
"THE CITY OF WALLS"

1980s -

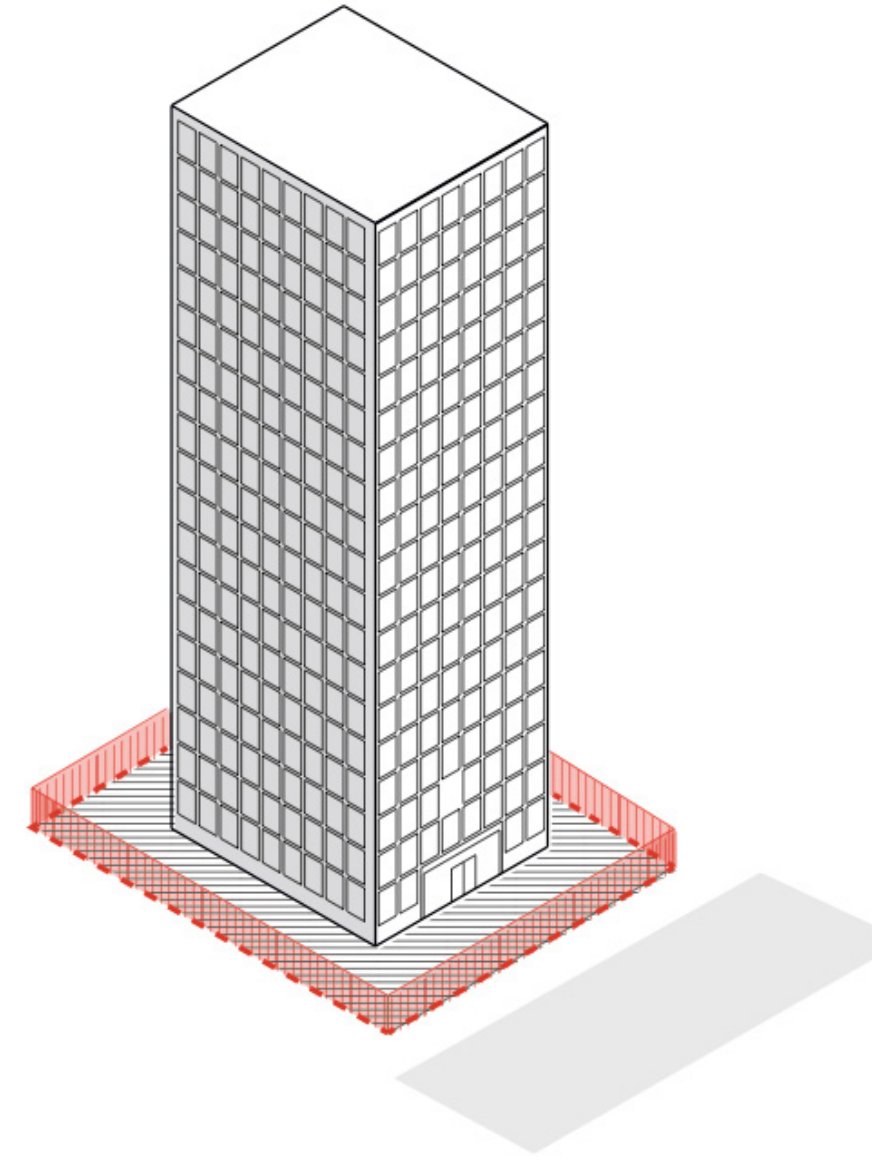
"Different social classes live closer to each other in some areas, but they are maintained separated by physical barriers and systems of identification and control"

- *City of Walls*, Teresa Caldeira

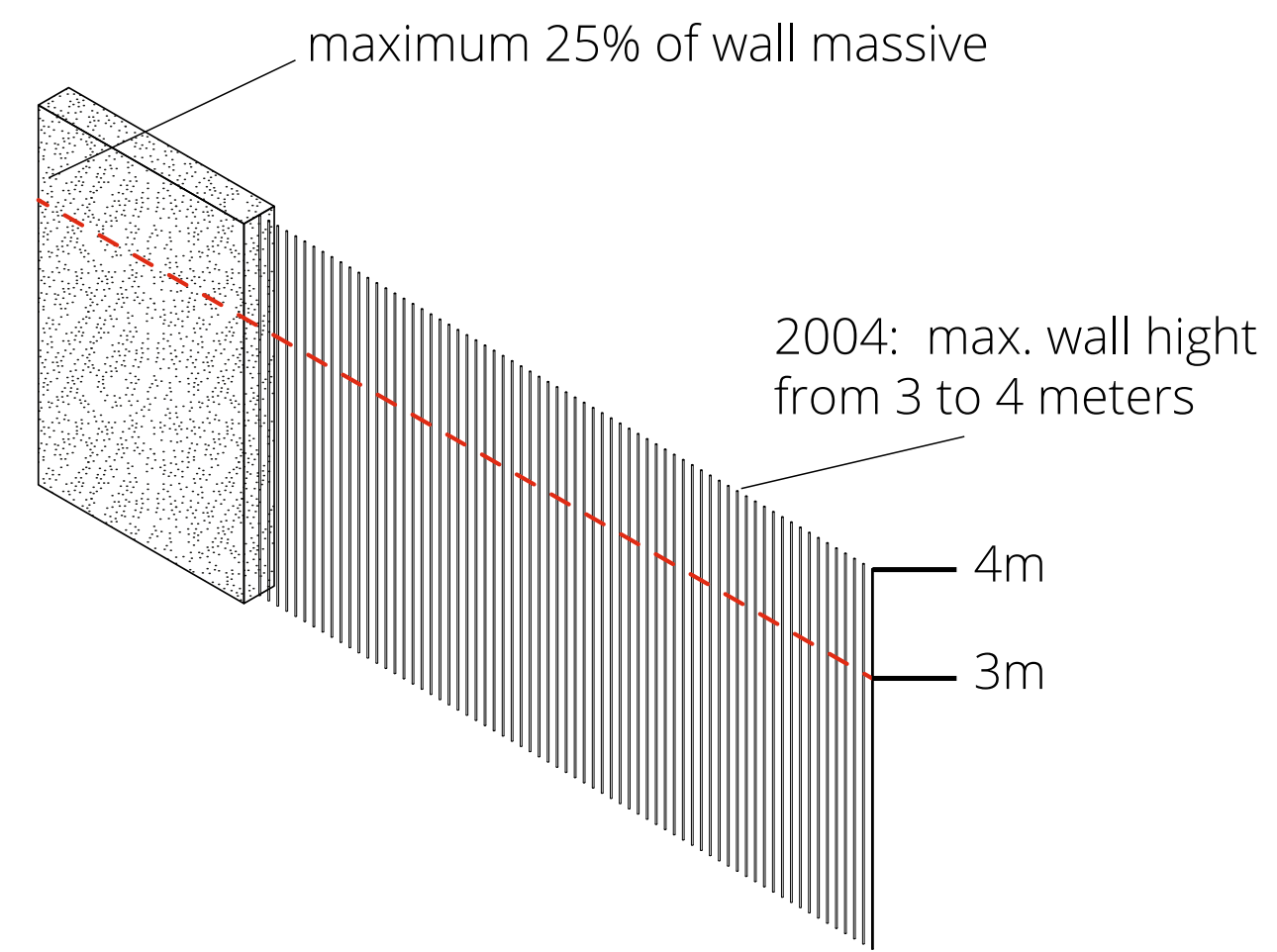
Wall analysis

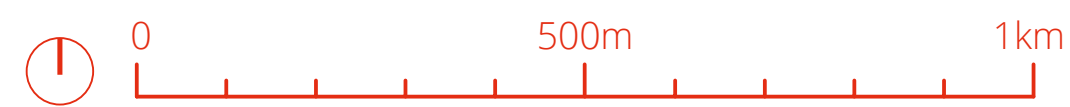
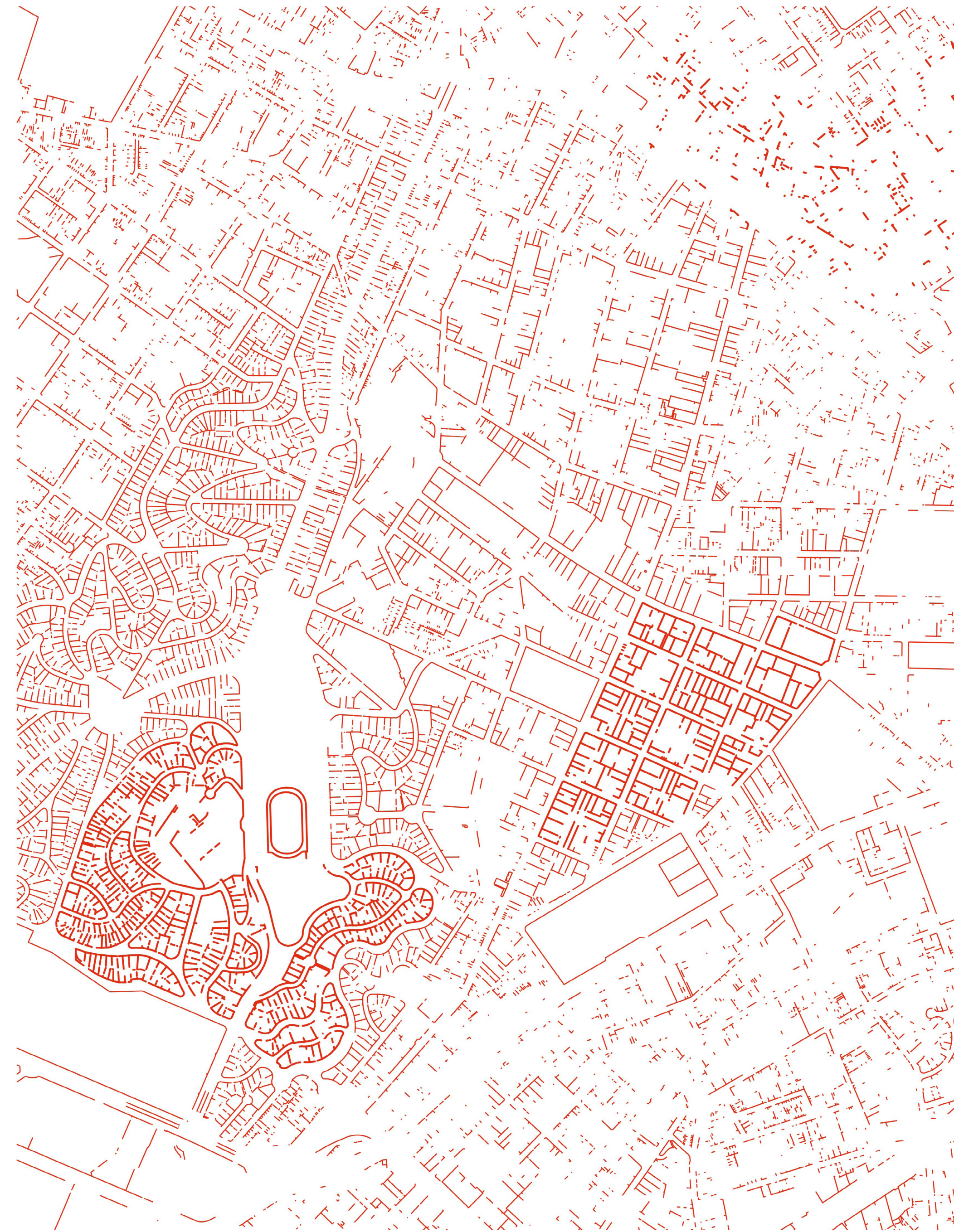


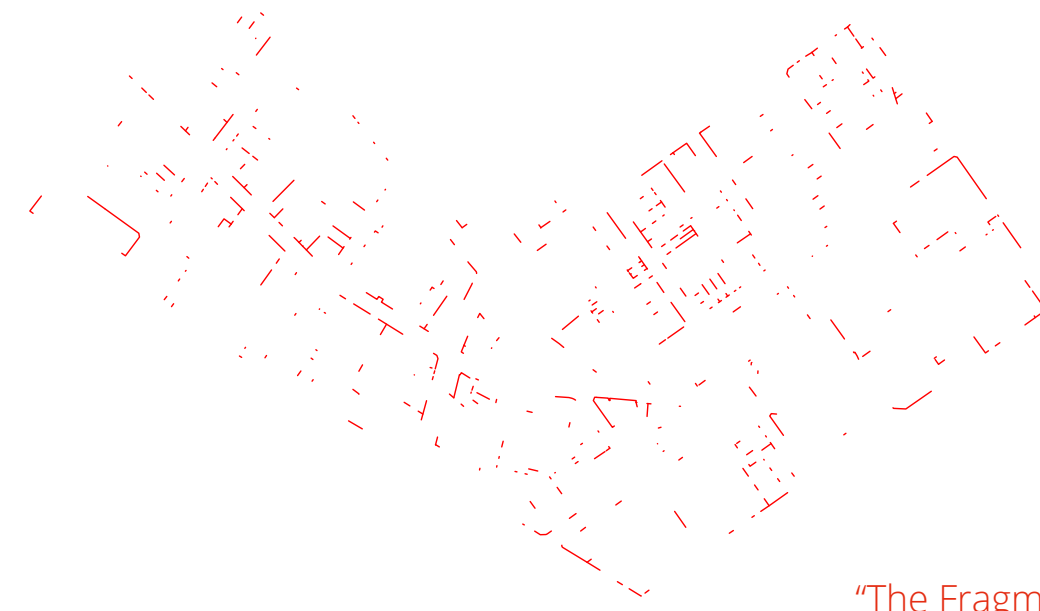
Securing along the facade



Securing along property boundary



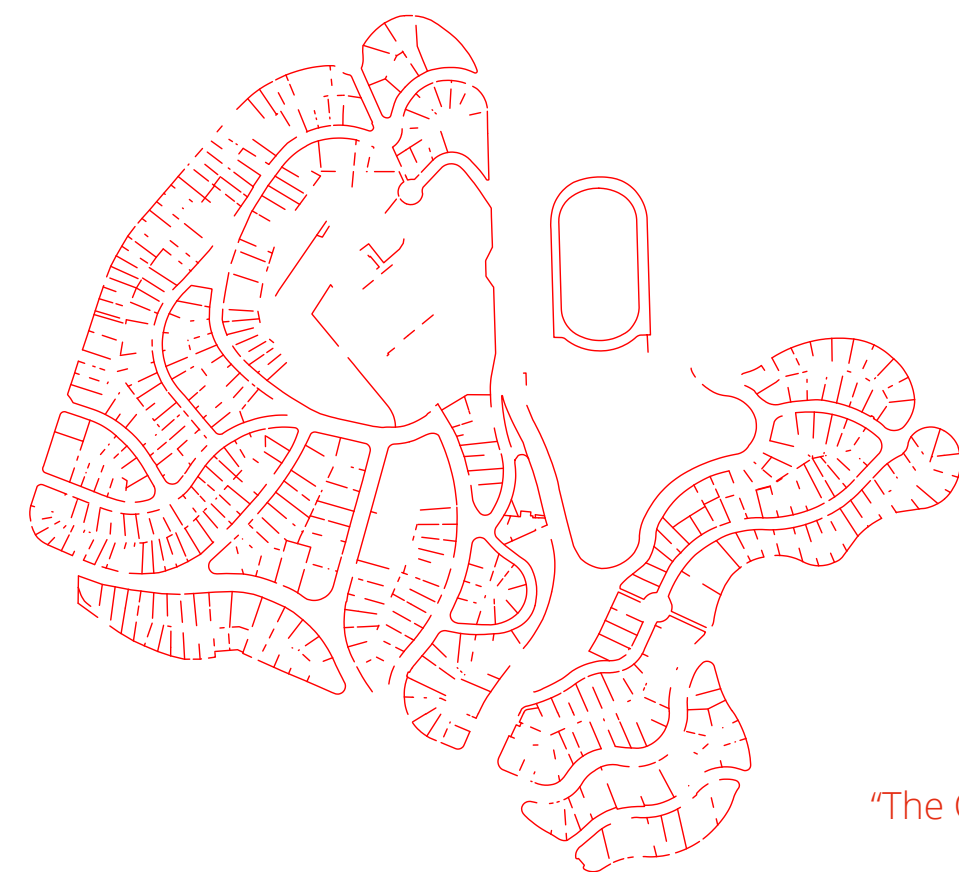




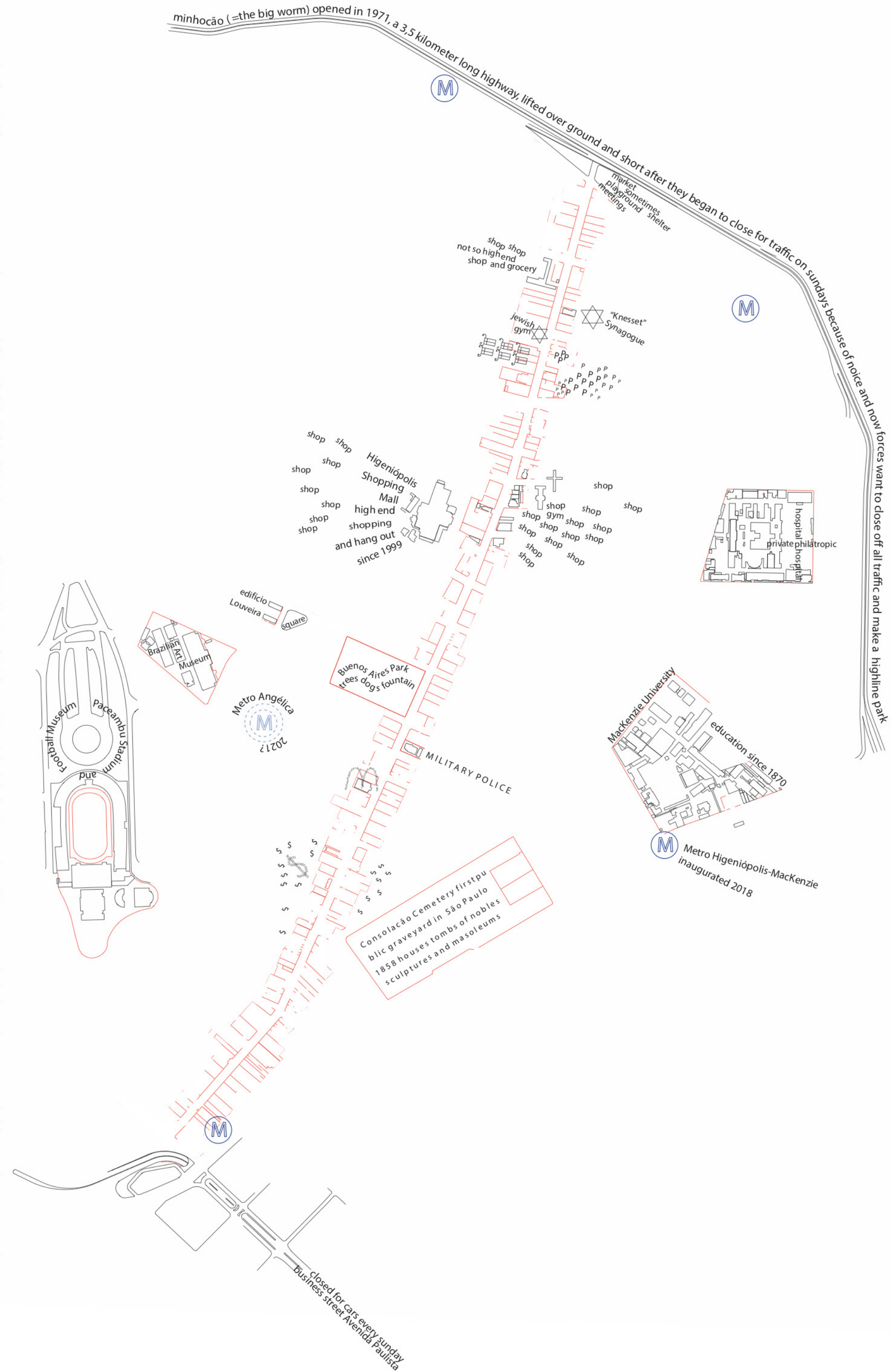
"The Fragmented"



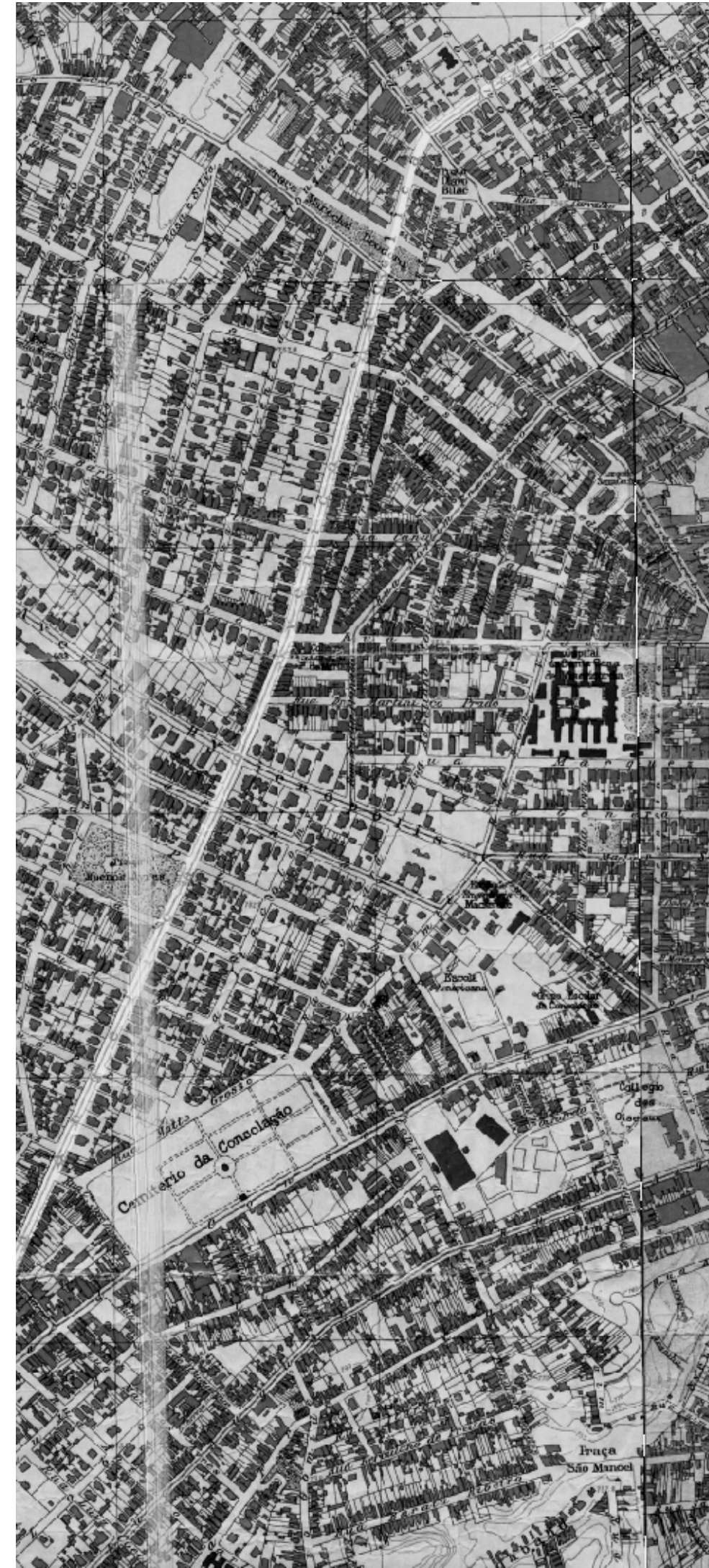
"The Enclosed"



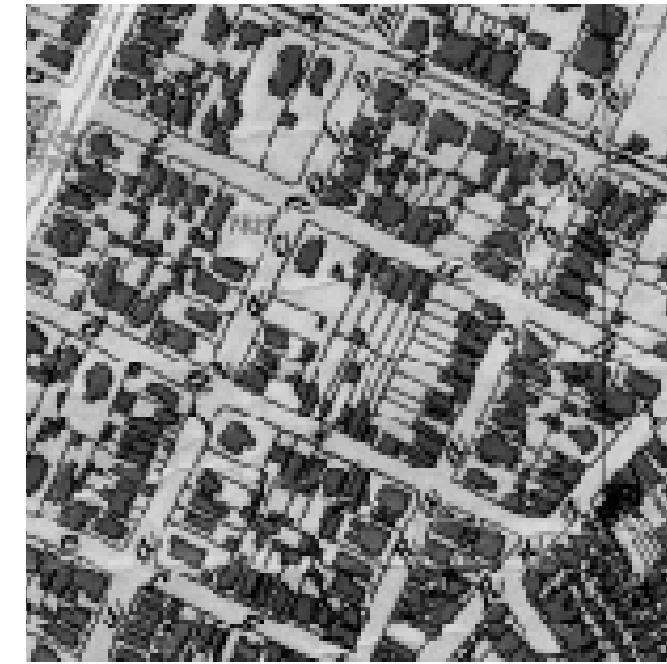
"The Curved"



Street analysis



Avenida Angélica, 1930 map





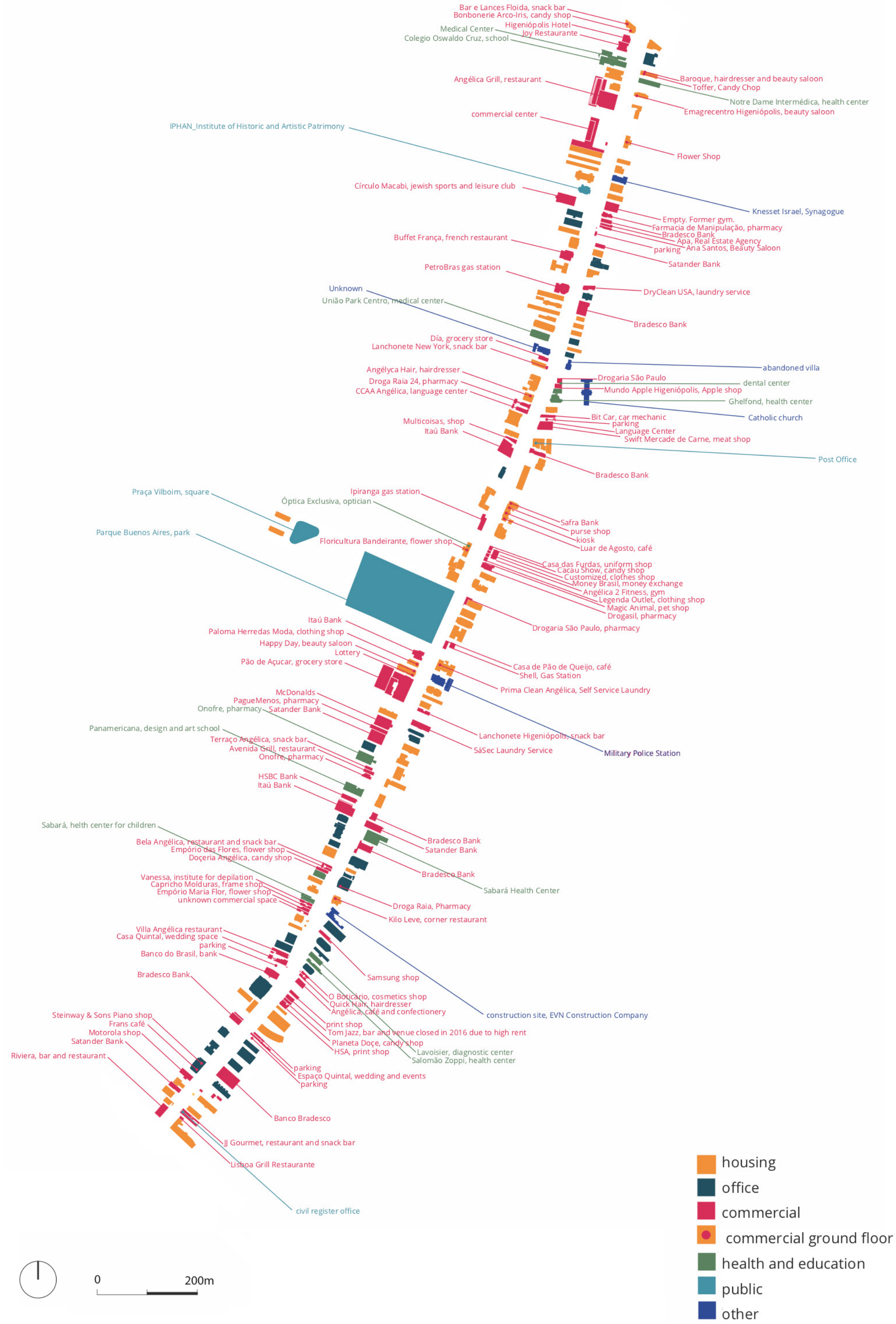
- AVENIDA ANGELICA
- COMMERCIAL
- MAIN TRAFFIC ROADS
- RESIDENTIAL STREETS
- MIX RESIDENTIAL/COMMERCIAL

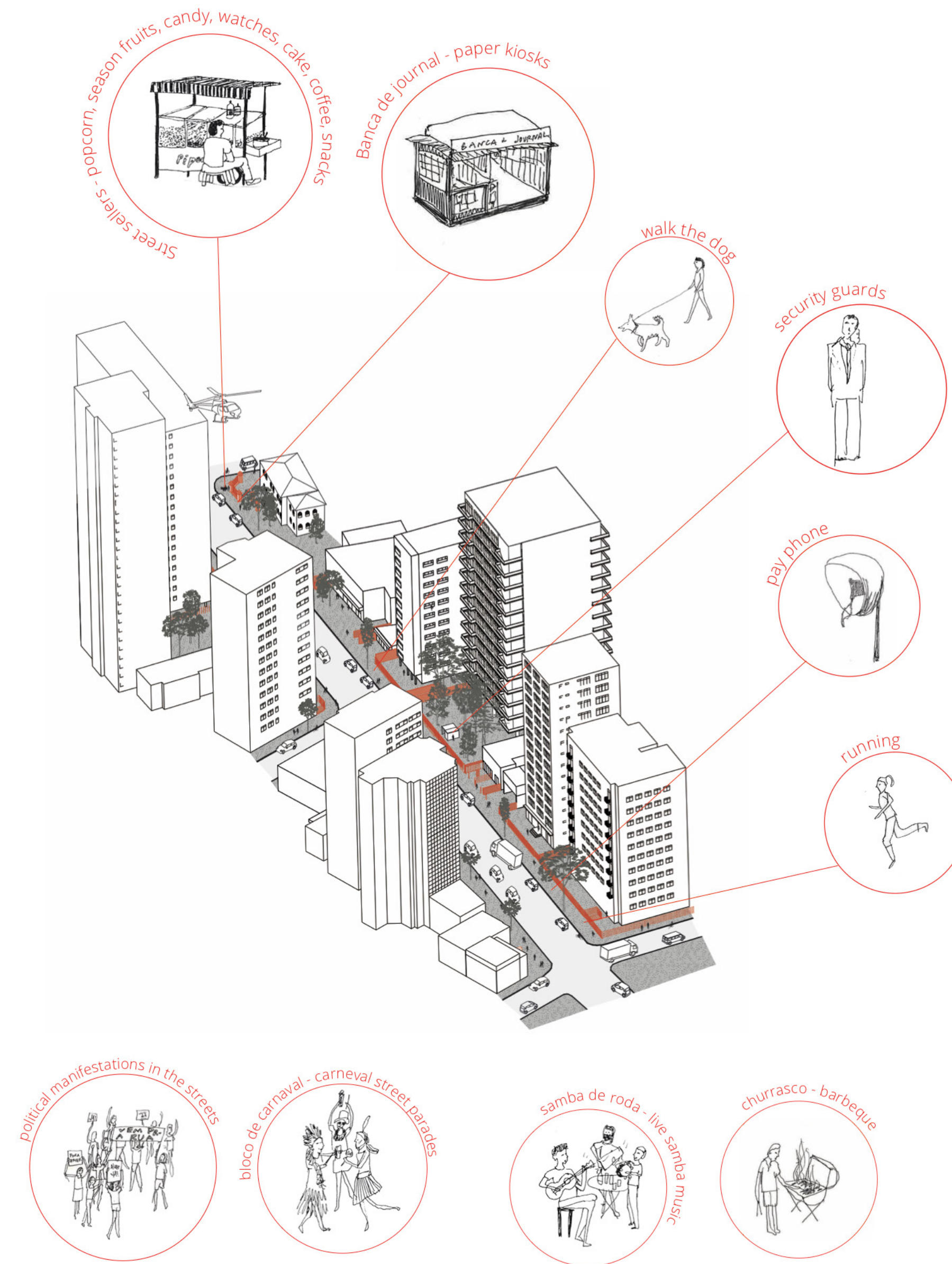


0 200m

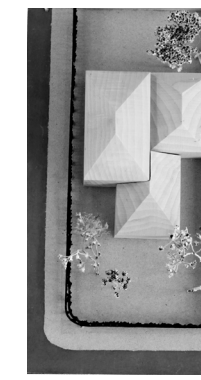
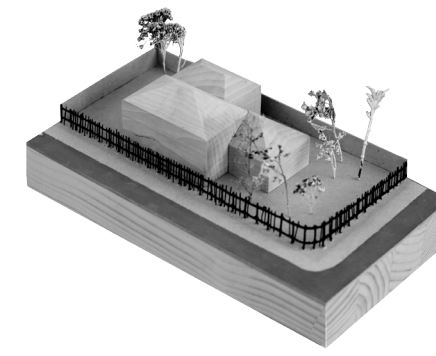
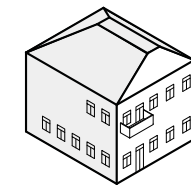
Street analysis

Avenida Angélica, program map

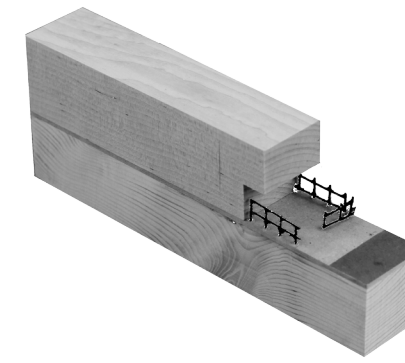
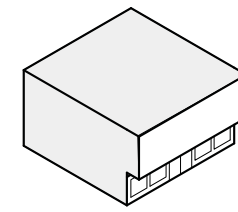




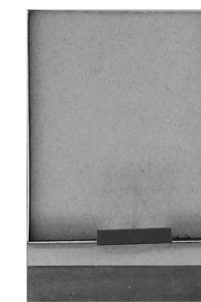
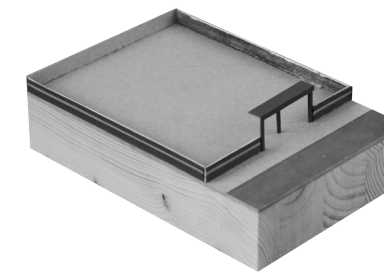
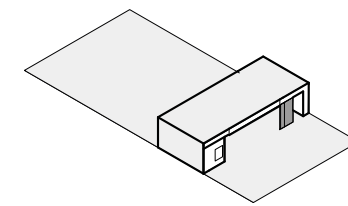
VILLA
1890-1910



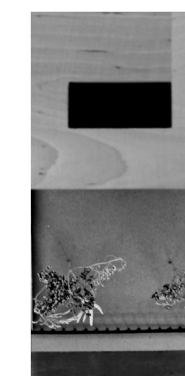
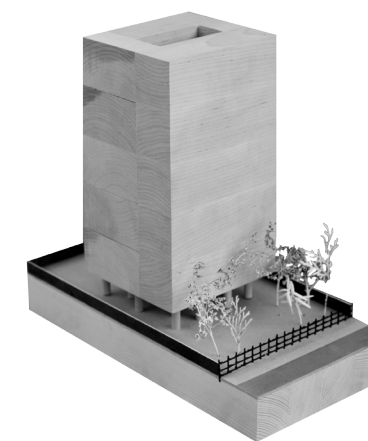
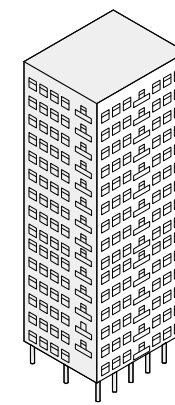
COMMERCIAL
LOW RISE
1950s -



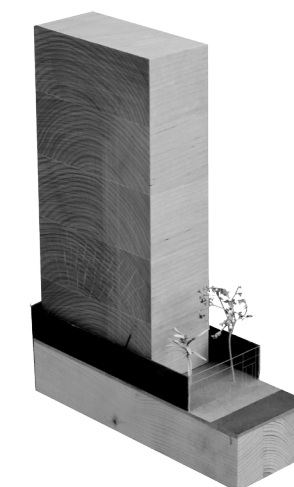
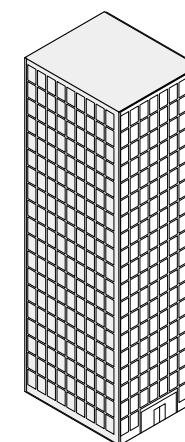
PARKING LOT
1950s -



HOUSING
BLOCK
1920-1980+



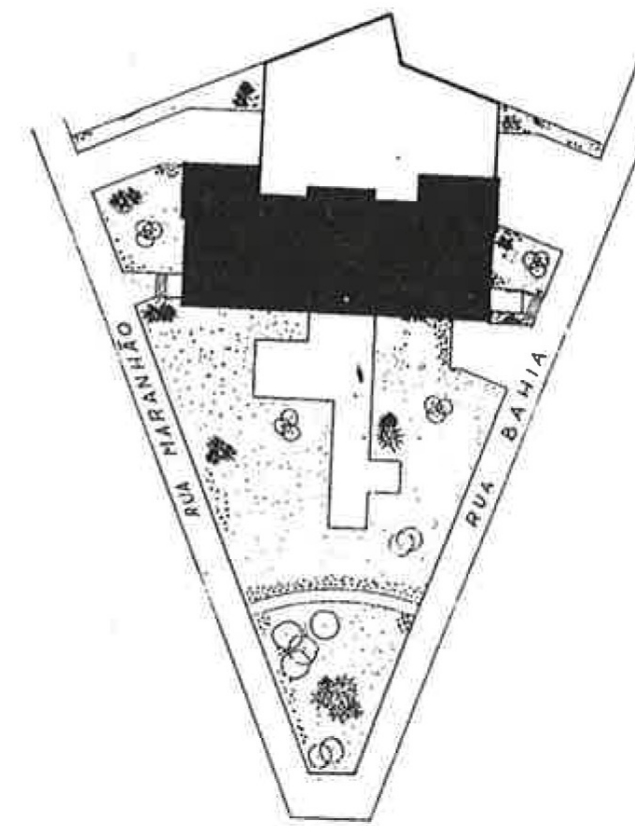
OFFICE
HIGH RISE
Mid 1990s -





Archdaily.com.br

Vila Louveira (1950), João Batista Vilanova Artigas and Carlos Cascaldi



Baia-Mar (1963), Francisco Beck







Along The Rails

The Wired

Corner Stone

Papa Noel's Furniture

Jewish Tiles



The Chat

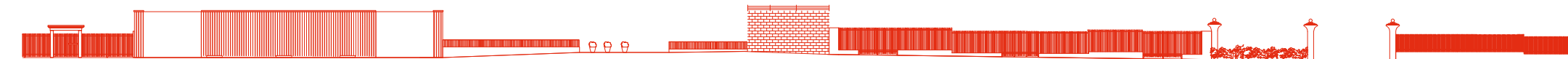
Sliding Doors

The Consierge House

Synagogue Steel

The Classic

The Vivo Seller



The Well Dressed

The Short

The Painted

Hydrangea Garden

The Columned

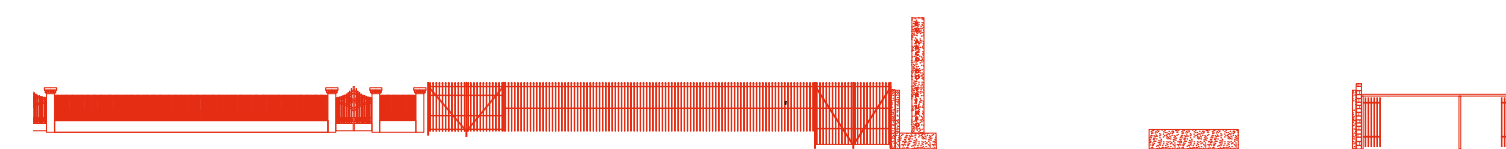


Buenos Aires Park

The Exclusive

Low Rise Resistance

P, The View



The Heritage

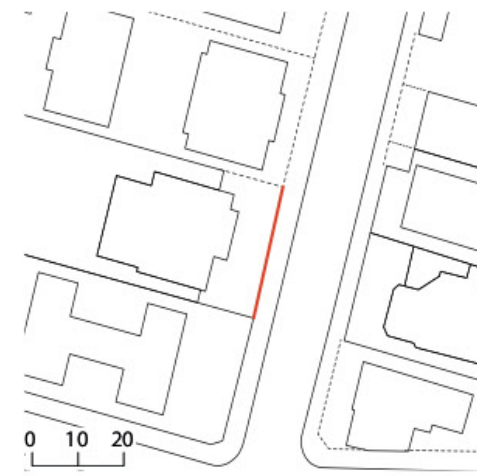
Orange Cake

Don't Sit On The Wall

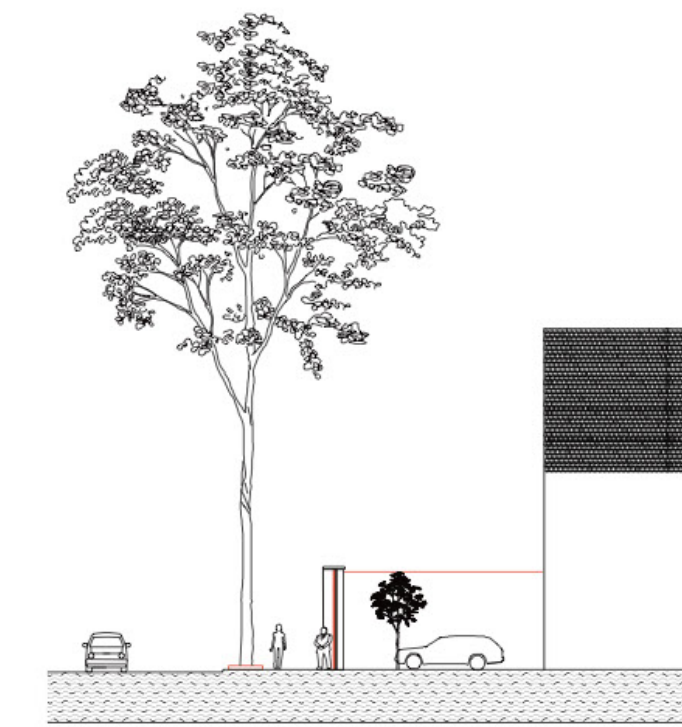
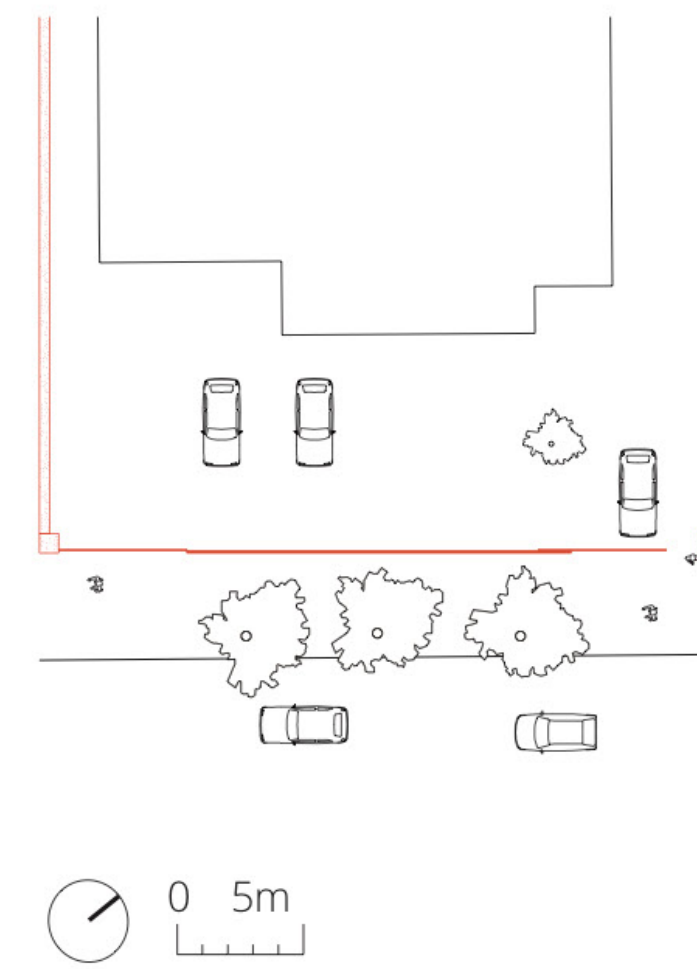
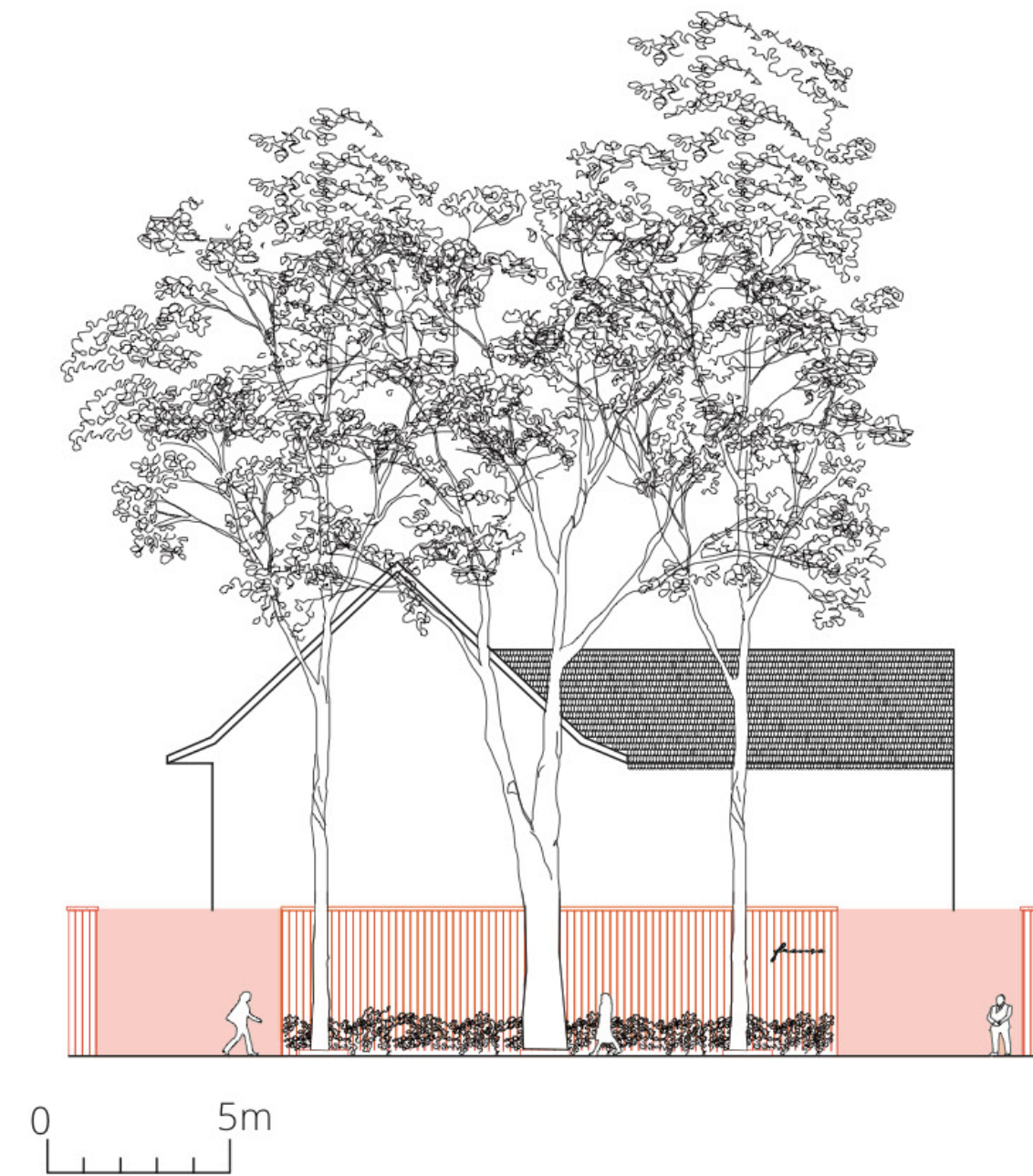
The Day Open

14 The Well Dressed

- Materials:** Metal, concrete, stone bricks
- Length:** 26,7 m
- Height:** 2 m
- Thickness:** 1,5 cm- 15 cm
- Vertical surface:** 55 m²
- Weight:** 2075 kg
- Security measures:** Concierge, camera
- Side one:** Buffet França, restaurant
- Side two:** A guard, sidewalk, trees, bushes



Always well dressed and with a wide foot position, the white gate on the northern side is always accompanied by a guard. The Well Dressed sticks out, not only for its height, but also for being the only pure wood construction in the area. The golden letters discretely hinting of what's on the inside, França, meaning France. A part from this, nothing reveals the inside, but the symmetrical trees in front, with a wooden base matching the wall, strengthens the sophisticated and delicate and noble look.



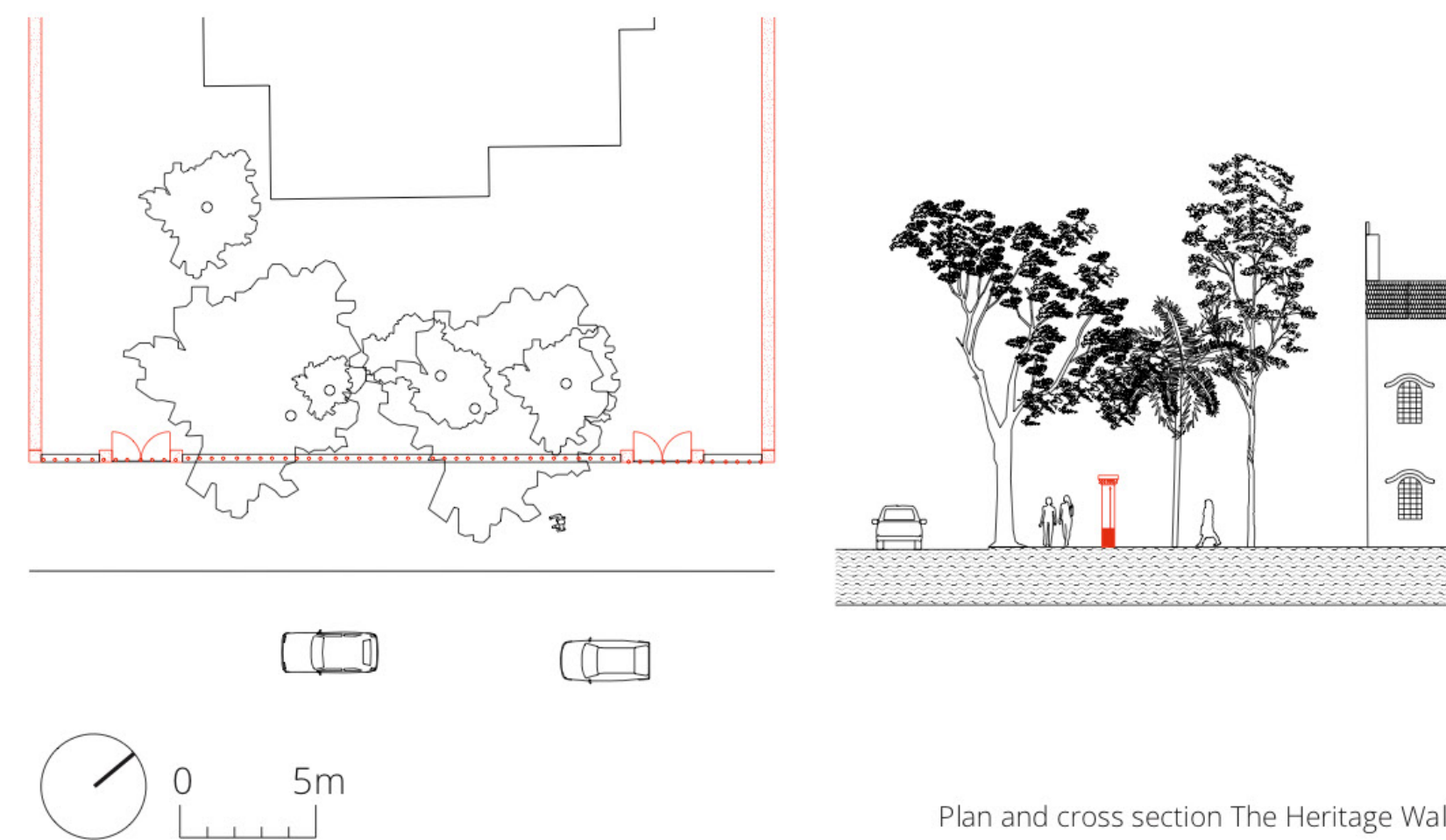
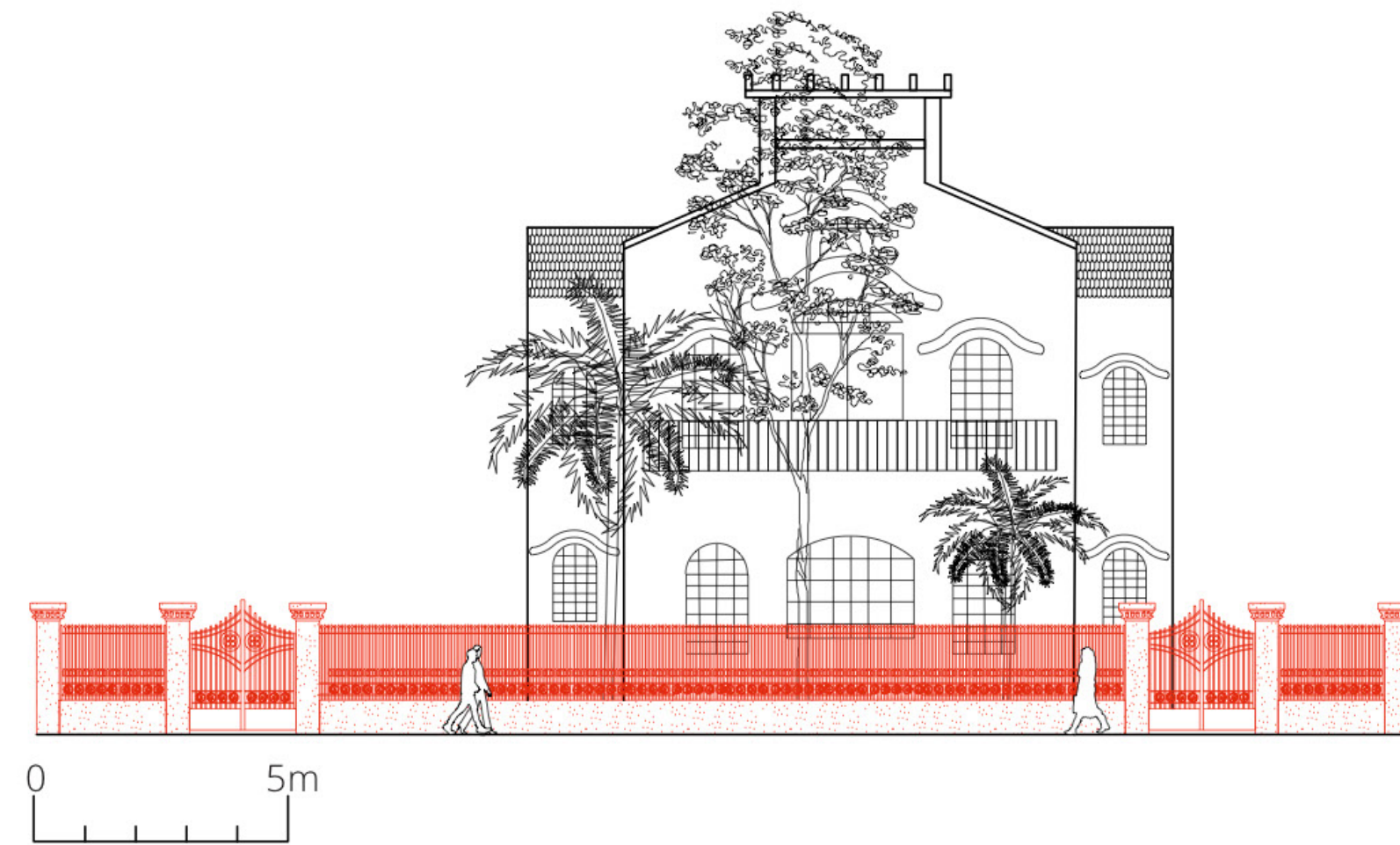
Plan and cross section The Well Dressed

12 The Heritage

- Materials: Concrete, metal bars
- Length: 27 m
- Height: 2,3 m
- Thickness: 20 cm
- Vertical surface: 60 m²
- Weight: 12 750 kg
- Security measures: Concierge, camera
- Side one: IPHAN, Inst. of Historical and Artistic Heritage
- Side two: Sidewalk, tree



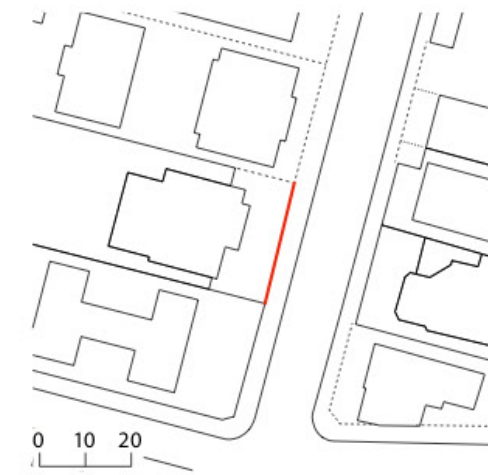
Drawn by the Brazilian architect Ramos de Azevedo in 1910, the building has an eclectic style, influences by art novou. The wrought iron gates origin from the same time, then constructed to make passage for horse-drawn vehicles and the fence was to keep the horses within the property. The sidewalk in front has the typical "São Paulo tiles", black and white shaped as an abstracted map of the region of São Paulo.



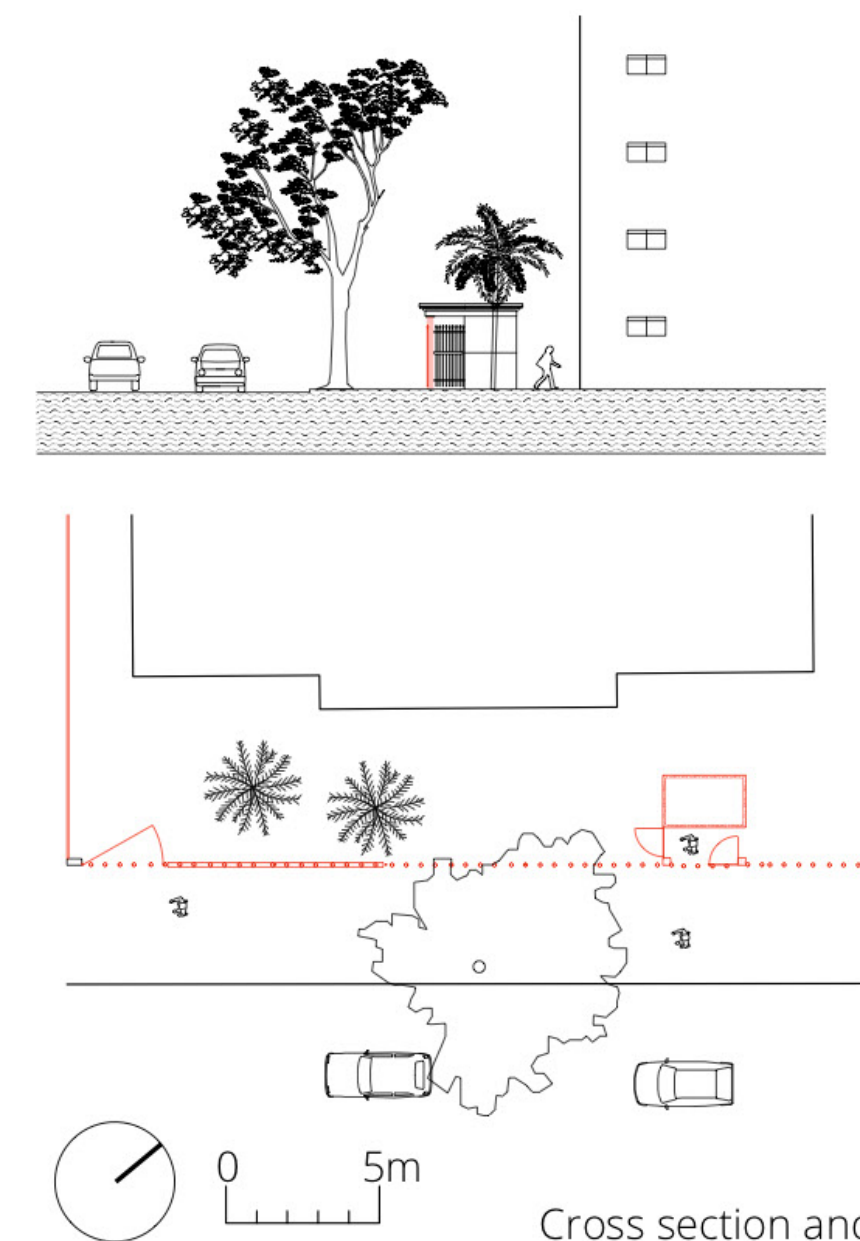
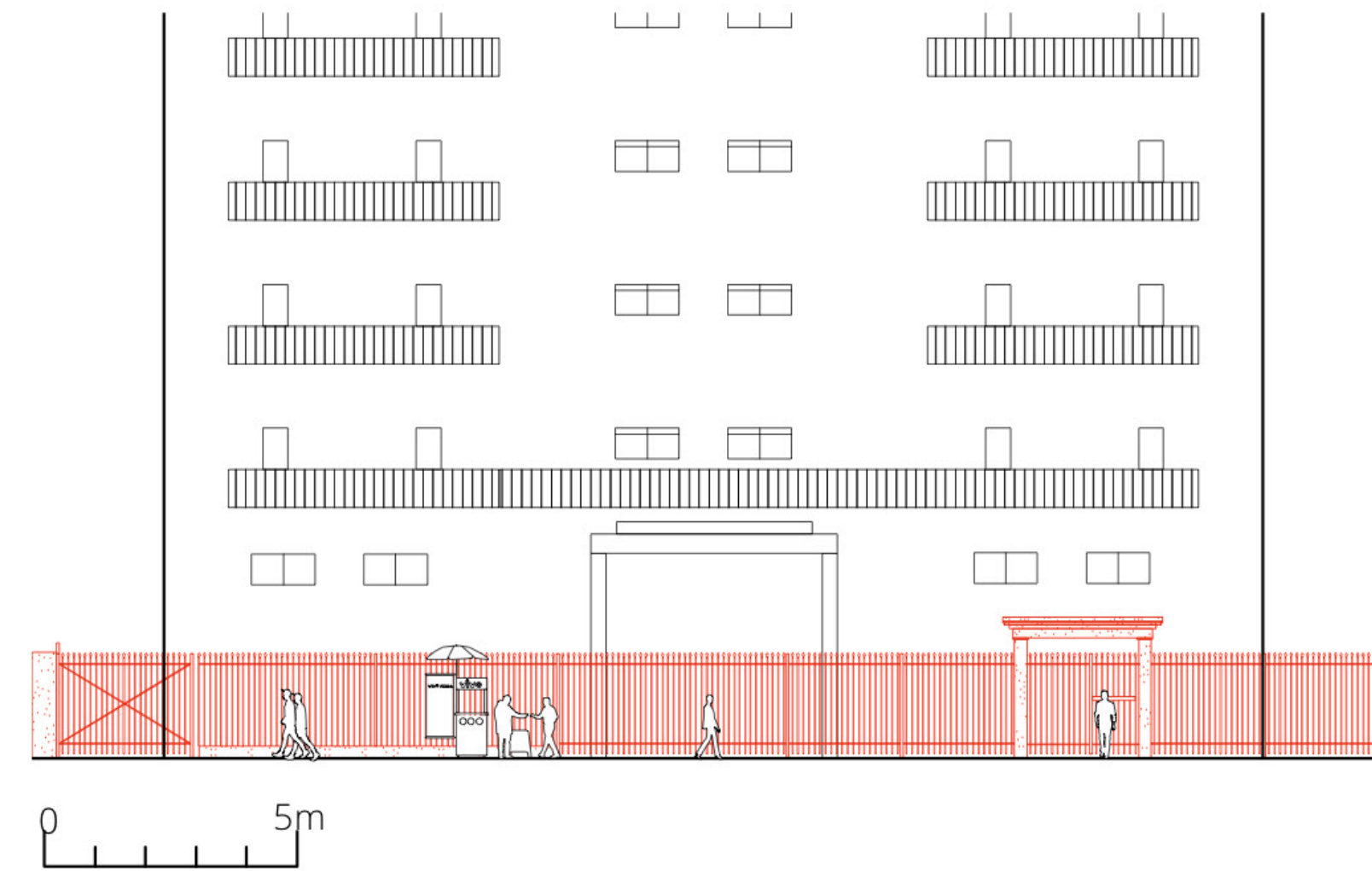
Plan and cross section The Heritage Wall.

13 The Vivo Seller

- material: metal, concrete, stone bricks
- length: 26,7 m
- height: 2 m
- thickness: 1,5 cm- 15 cm
- vertical surface: 55 m²
- weight: 2075 kg
- security measures: concierge, camera
- side one: residential building
- side two: sidewalk, tree, occasionally sellers



The transparency of The Vivo Seller, being, apart from its base, only made of thin metal bars, makes the guard house stand out as a contrast, being massive in concrete, and is also a part of The Vivo Seller itself. Augusto is hired by the phone company Vivo, and has through deals with the syndicates of the apartment buildings in the area permission to keep his selling stand on their property. He brings his own chair, but The Vivo Seller also has a part of the stone base sticking out, allowing for others to have a seat.



"The living standard for people living in this area is high"



Augusto, seller for the phone company Vivo in the neighbourhood for ten years.

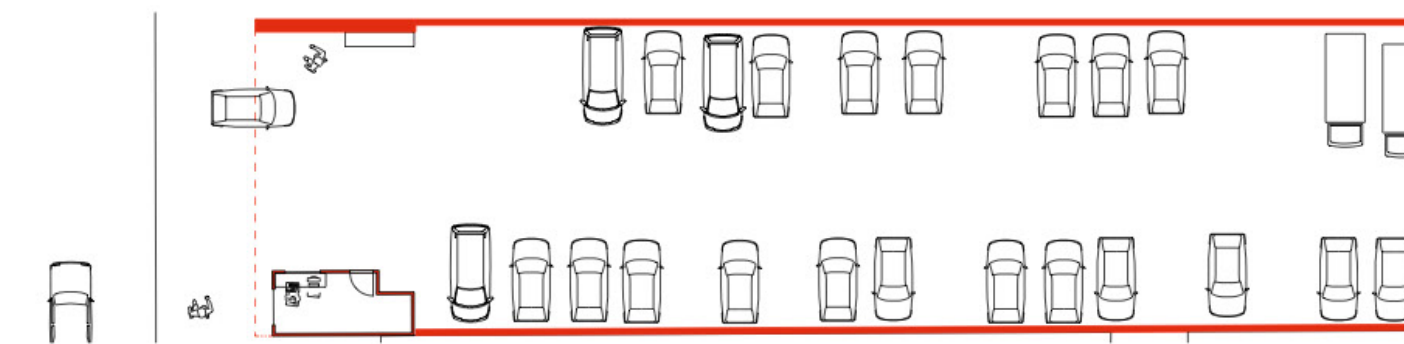
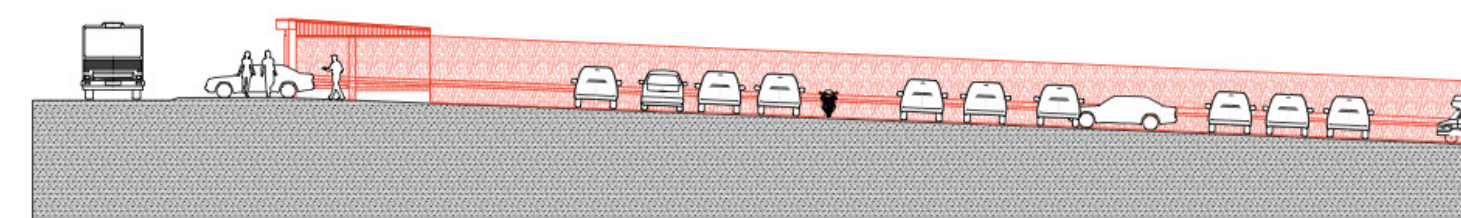
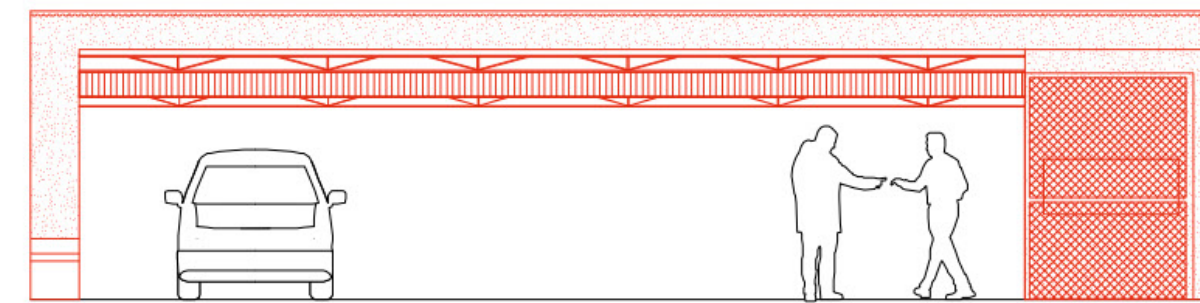
Cross section and plan.

24 P, The View Point

- material: concrete, metal trusses, mesh
- length: 12,5 m
- height: 3 m
- thickness: 25 cm
- vertical surface: 37 m²
- weight: 5500 kg
- security measures: guard, metal gate (open during the day)
- side one: parking lot, guard house
- side two: sidewalk, street



Located near one of the highest points of the city of São Paulo, P, The View Point is one of the few (only?) locations along Avenida Angelica where a great view towards the building lanscape reveals itself. As open parking lot however, it is far by the only one, but many of them are "threatened" as parking lots as they represent the little area left that is un-built. Today new building blocks have replaced and are replacing the open parking lots, construction fences with the logo of construction companies are replacing the day open mesh gates of the parking lots, also in Avenida Angélica.



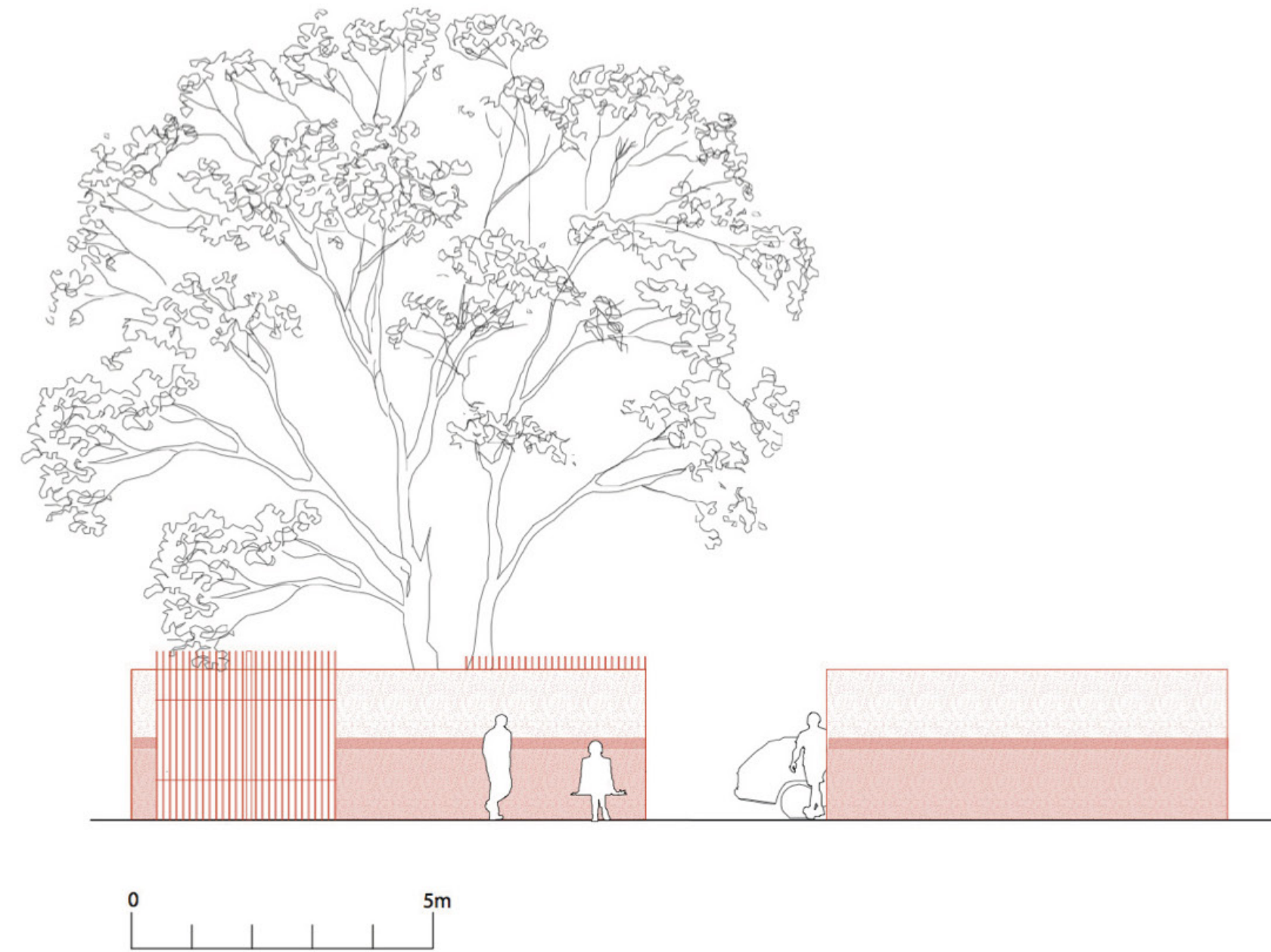
Cross section and plan P, The View.

04 Papa Noel's Furniture

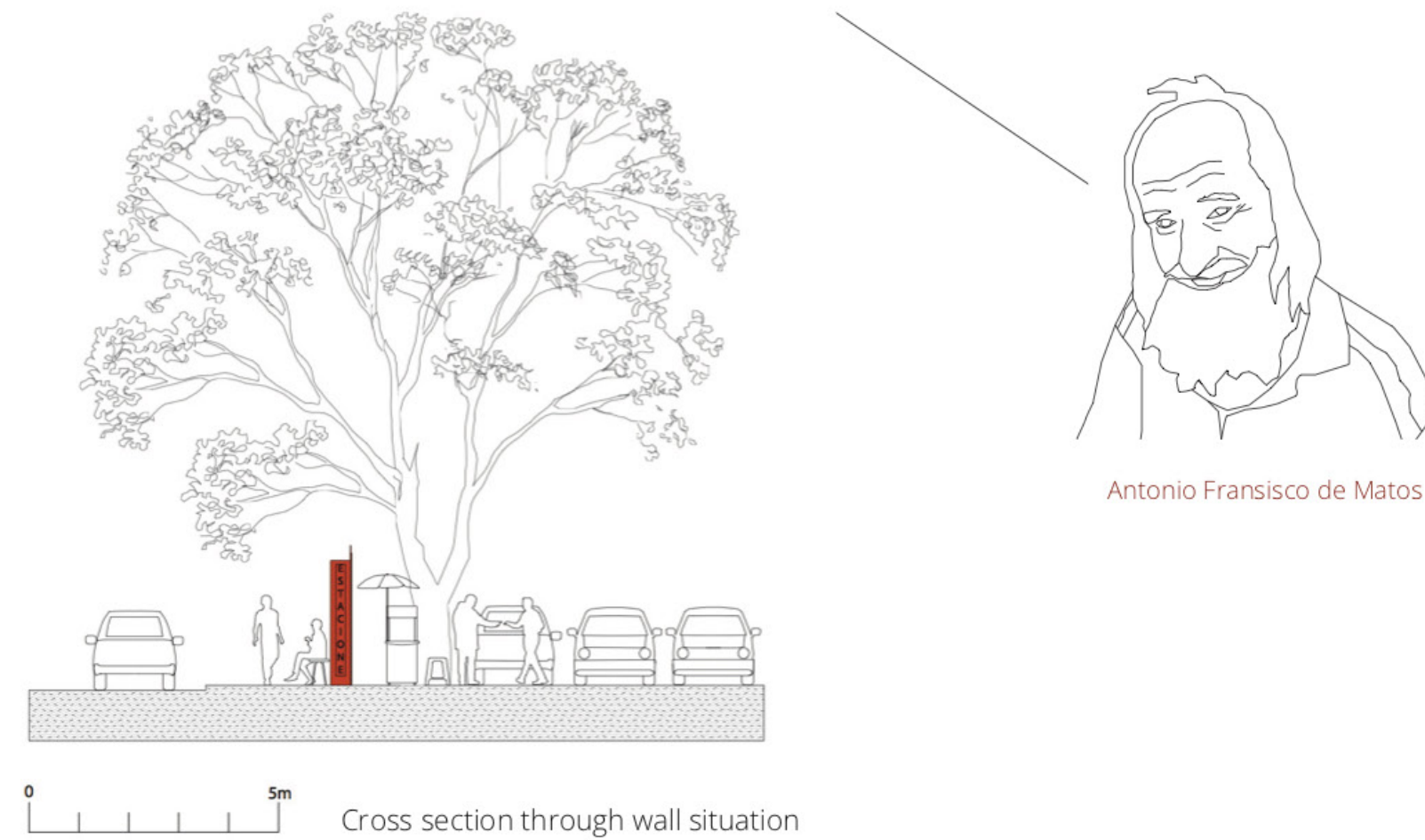
- Materials: Stone, metal, concrete
- Length: 18 m
- Height: 2,5 m
- Thickness: 10 cm
- Vertical surface: 39m²
- Weight: 25 344 kg
- Security measures: Camera
- Side one: Car parking
- Side two: Furniture sale, side walk, street



The Papa Noel's Furniture is named after one of the daily users of the wall, Antonio Francisco de Matos (and Papa Noel, Santa Claus, on the malls every Christmas) who daily occupies a meter of the three and a half meter wide sidewalk for his making and selling of furniture and toys. The Papa Noel's Furniture is split in three part, one part is a metal gate, mostly closed, and the concrete part is split in two with a sliding metal rod gate, open on day time for the cars to pass and park on the parking lots. The paint used on the wall, is commonly used to signalize parking lots in São Paulo, often with one lower stripe in black or blue and one thinner stripe in yellow.



"I work for myself, a battle to survive. I do my handcraft and sell it on the street, for nine years I have been working here. For christmas I work at the shopping malls here. For christmas I work as Santa Claus to make the ends meet."





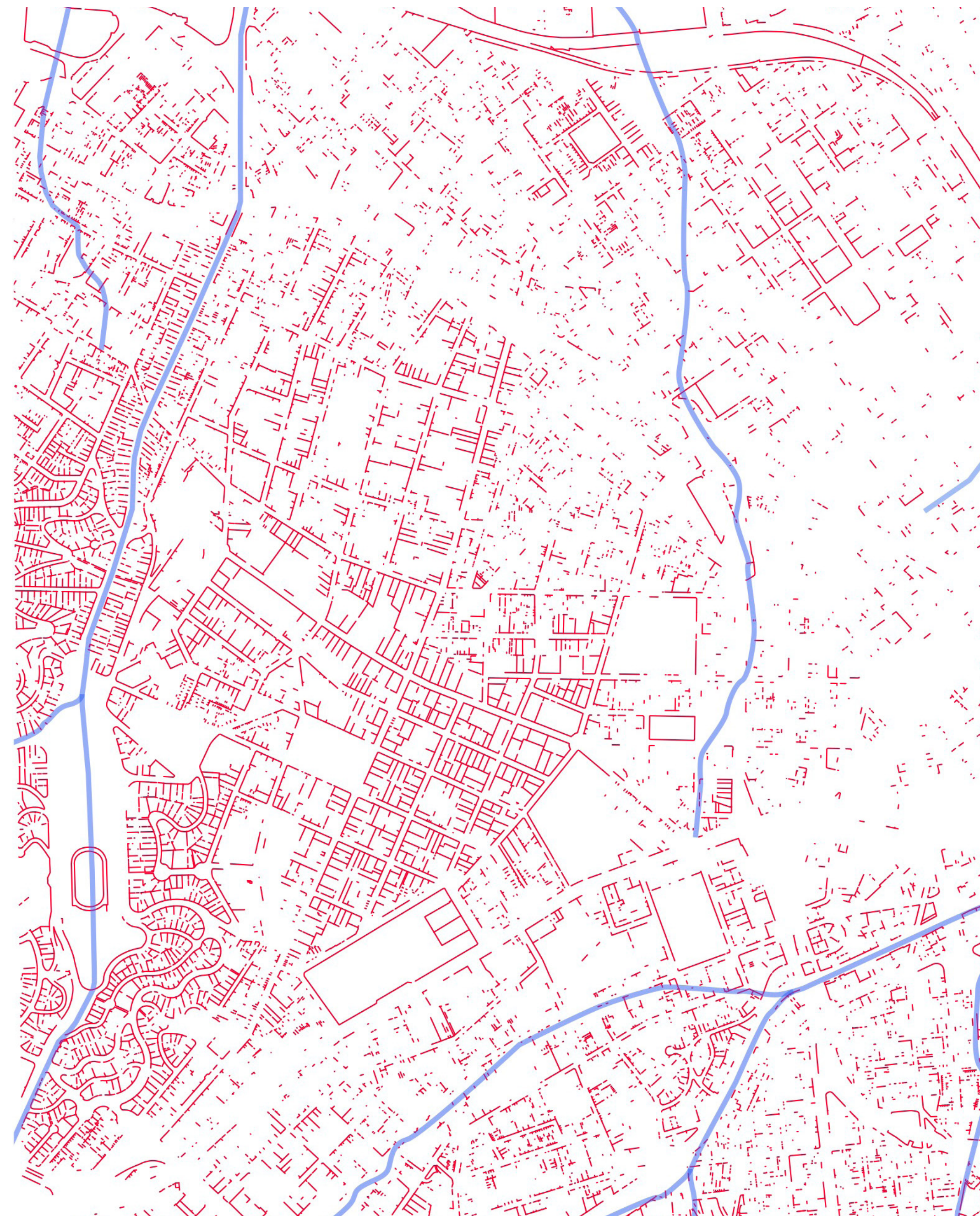
EXISTING WALLS
Avenida Angélica



WORST CASE SCENARIO
Full enclosure

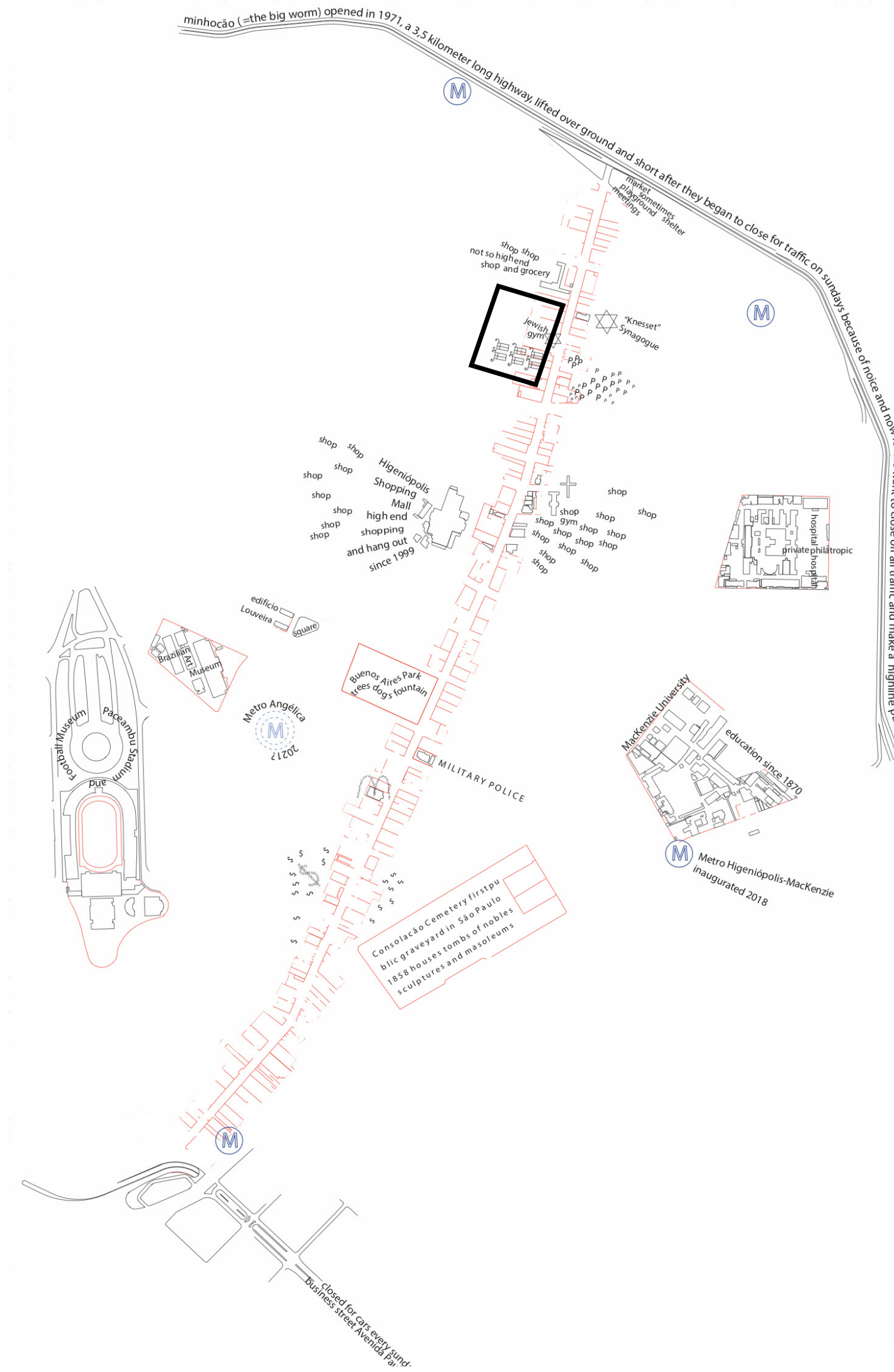


POTENTIAL
Remove, move and modify

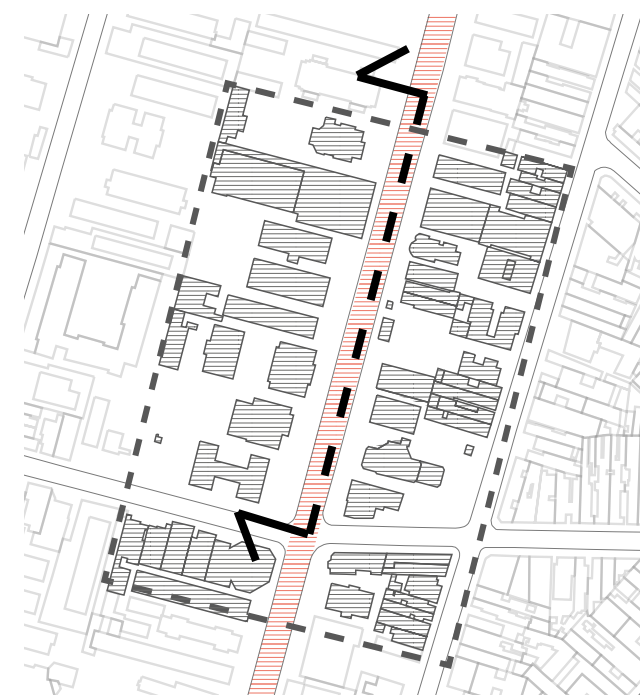
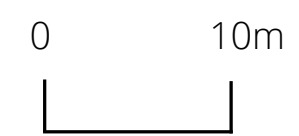
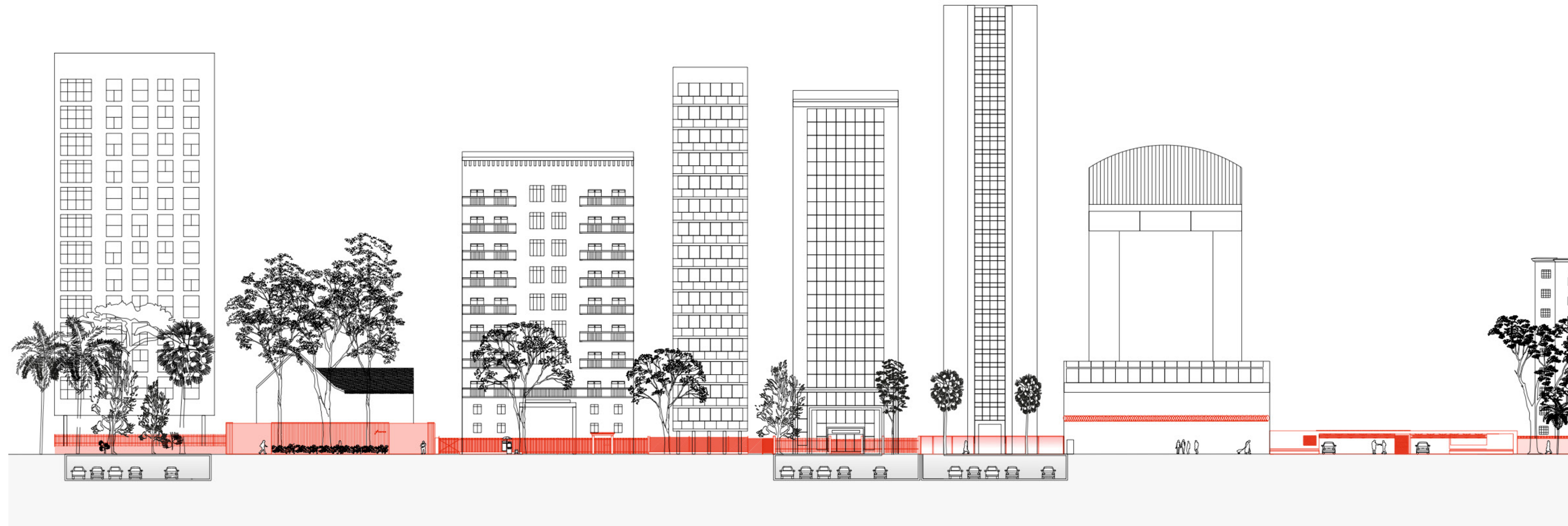




Rainfall São Paulo, october 2017



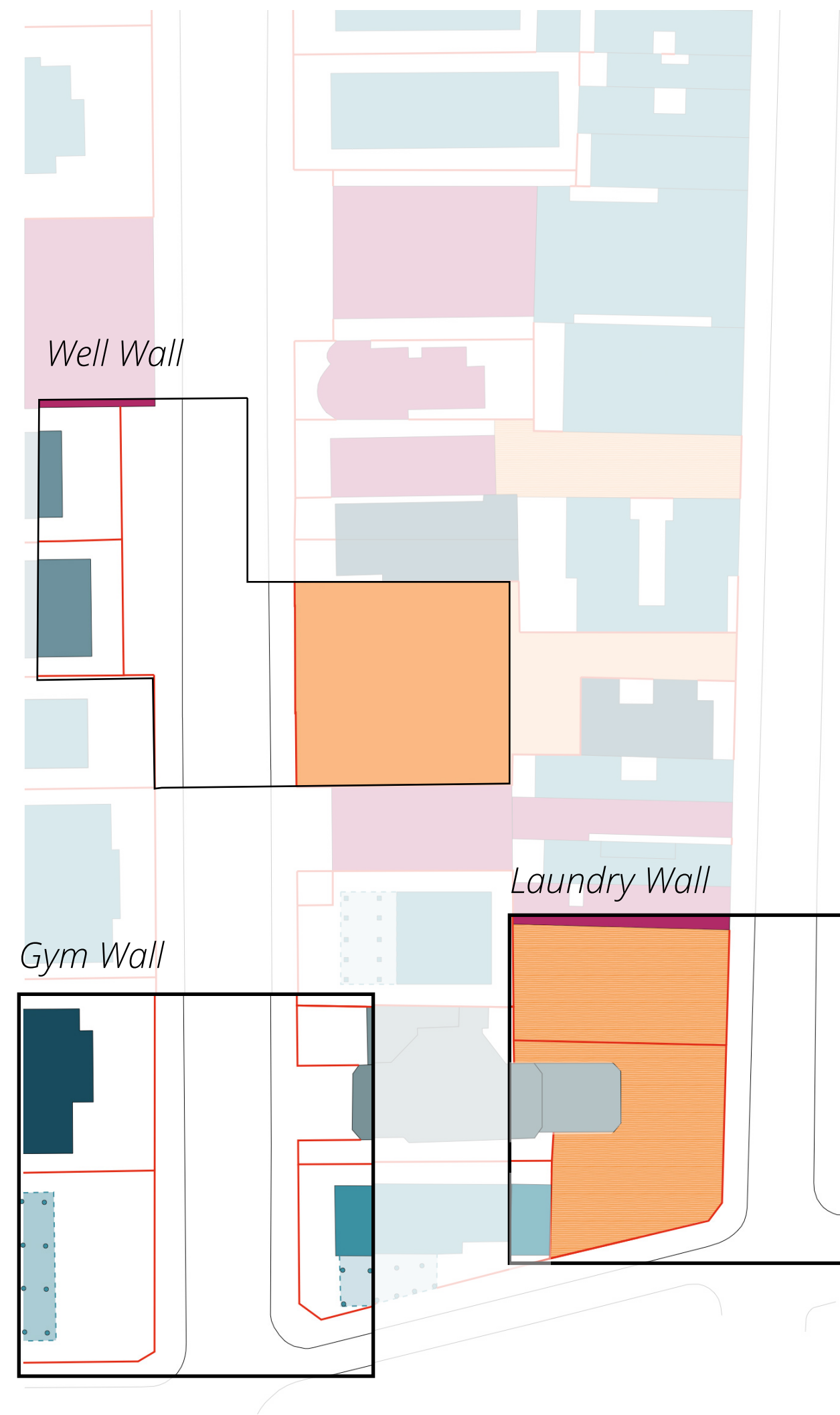






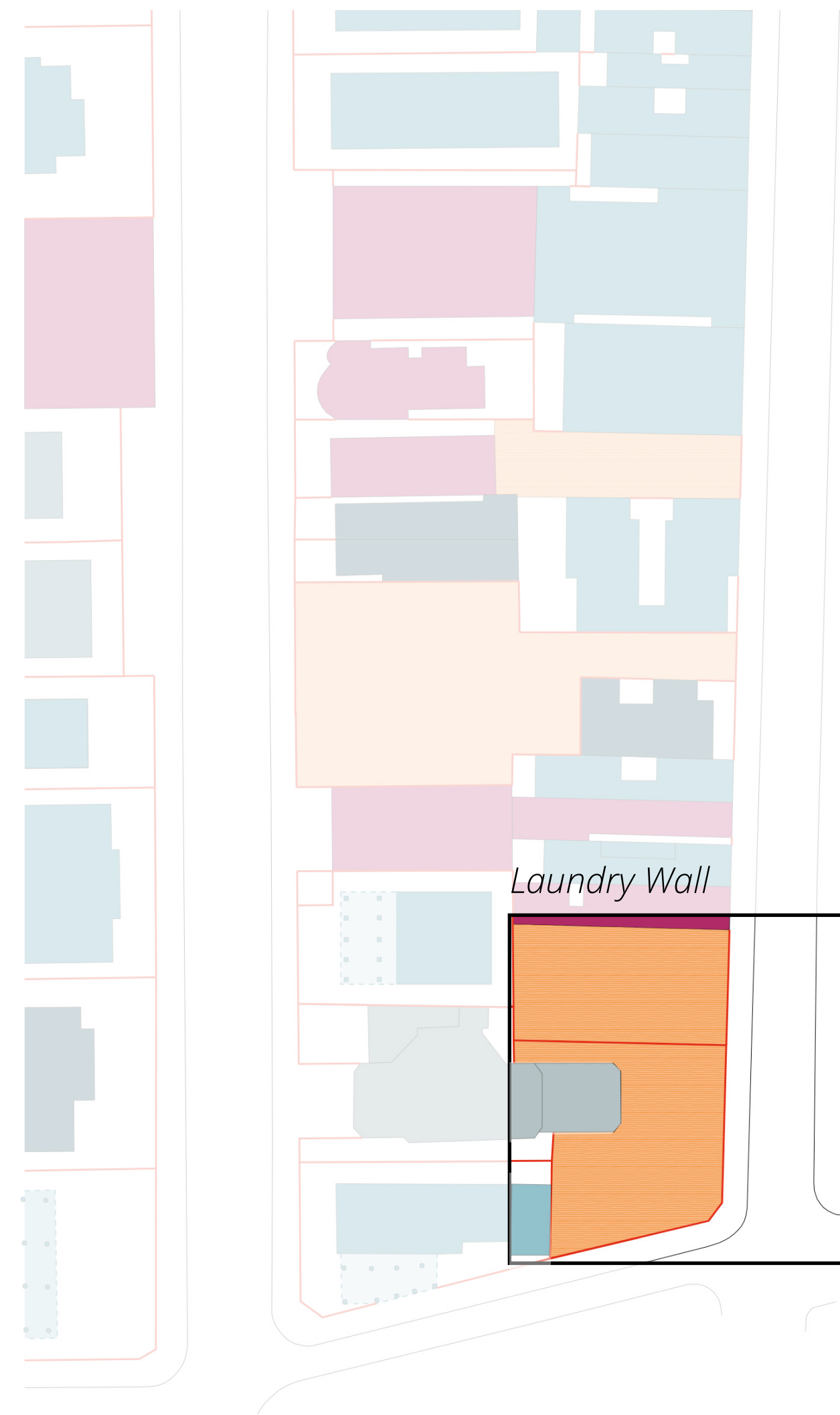
- Housing
- Villa w. commercial service
- Commercial service
- Parking lot
- Office building





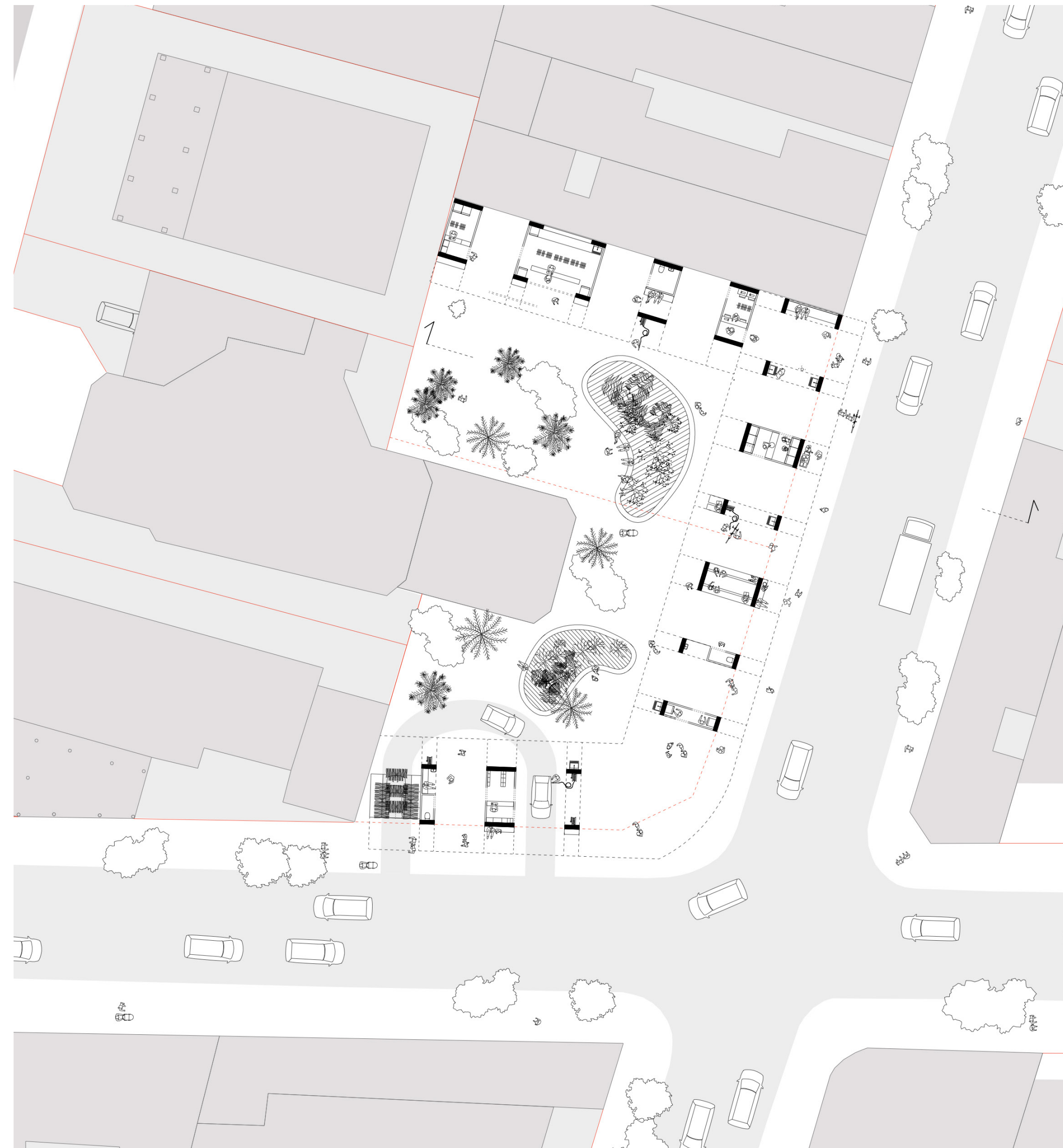
-  Housing
-  Villa w. commercial service
-  Commercial service
-  Parking lot
-  Office building



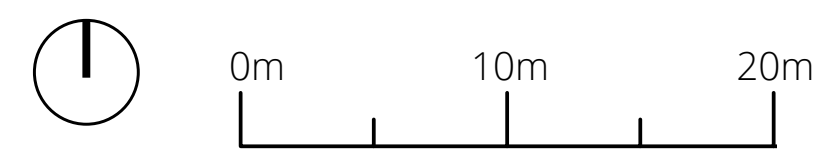


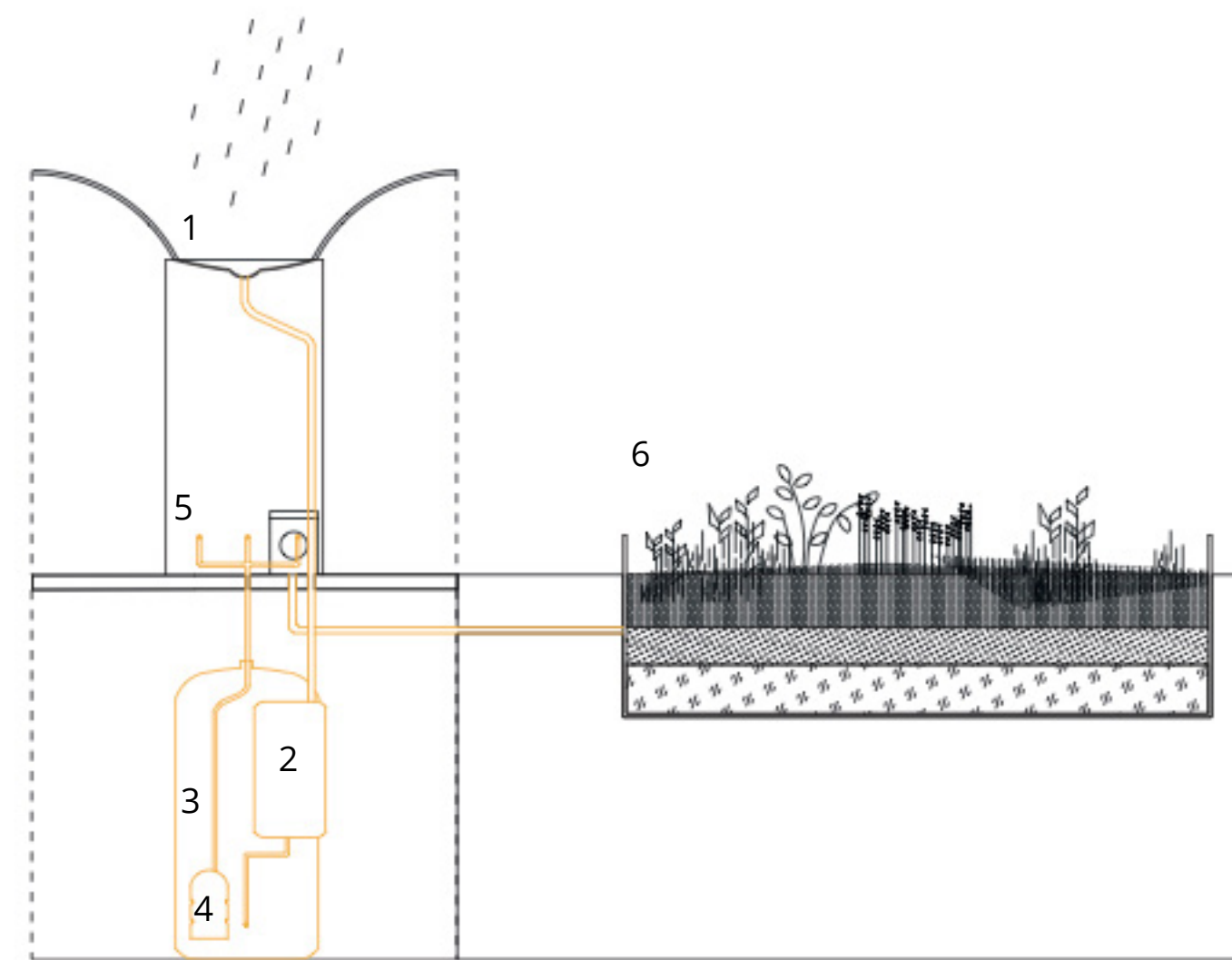
- Housing
- Villa w. commercial service
- Commercial service
- Parking lot
- Office building





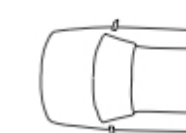
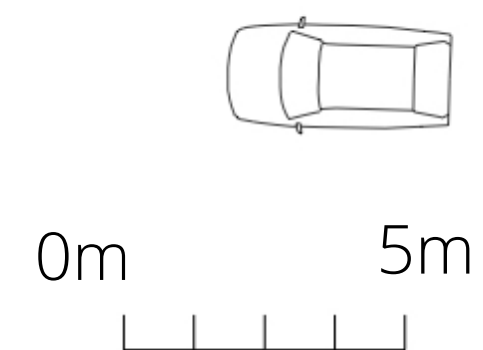
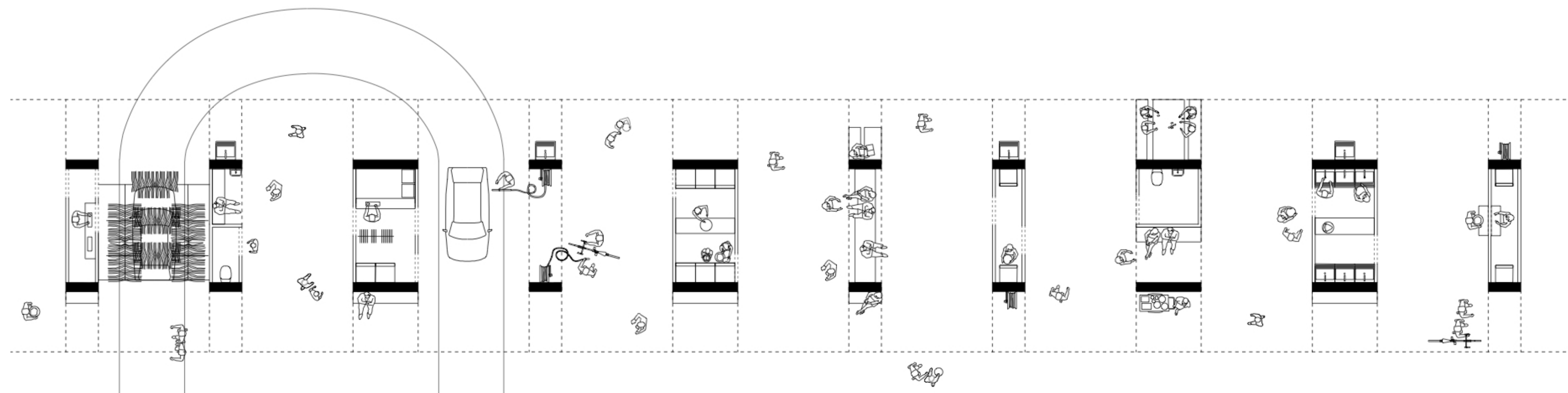
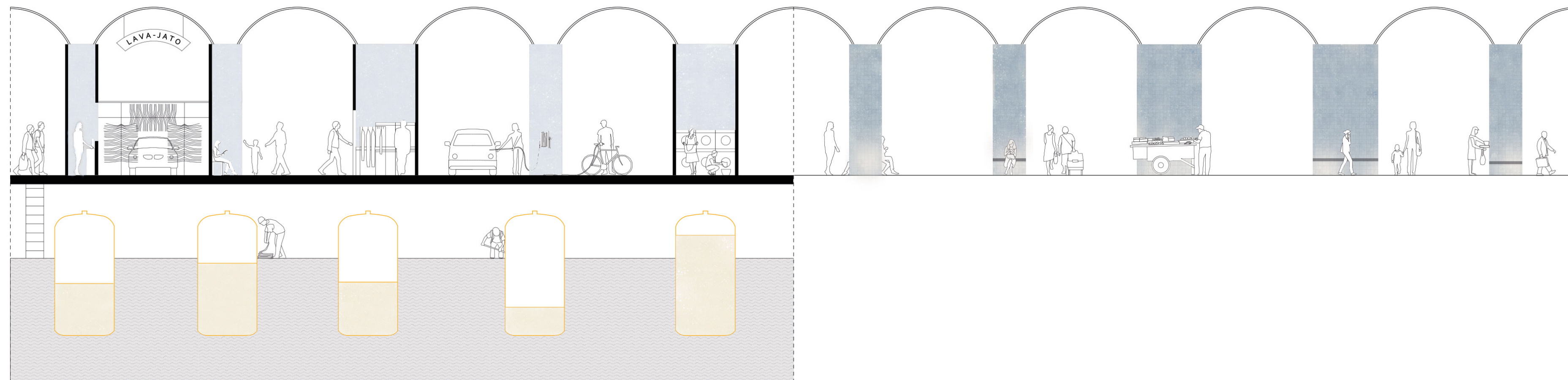
- Public space, accessible for pedestrian
- Private space and road
- Existing walls and fences
- Removed walls and fences

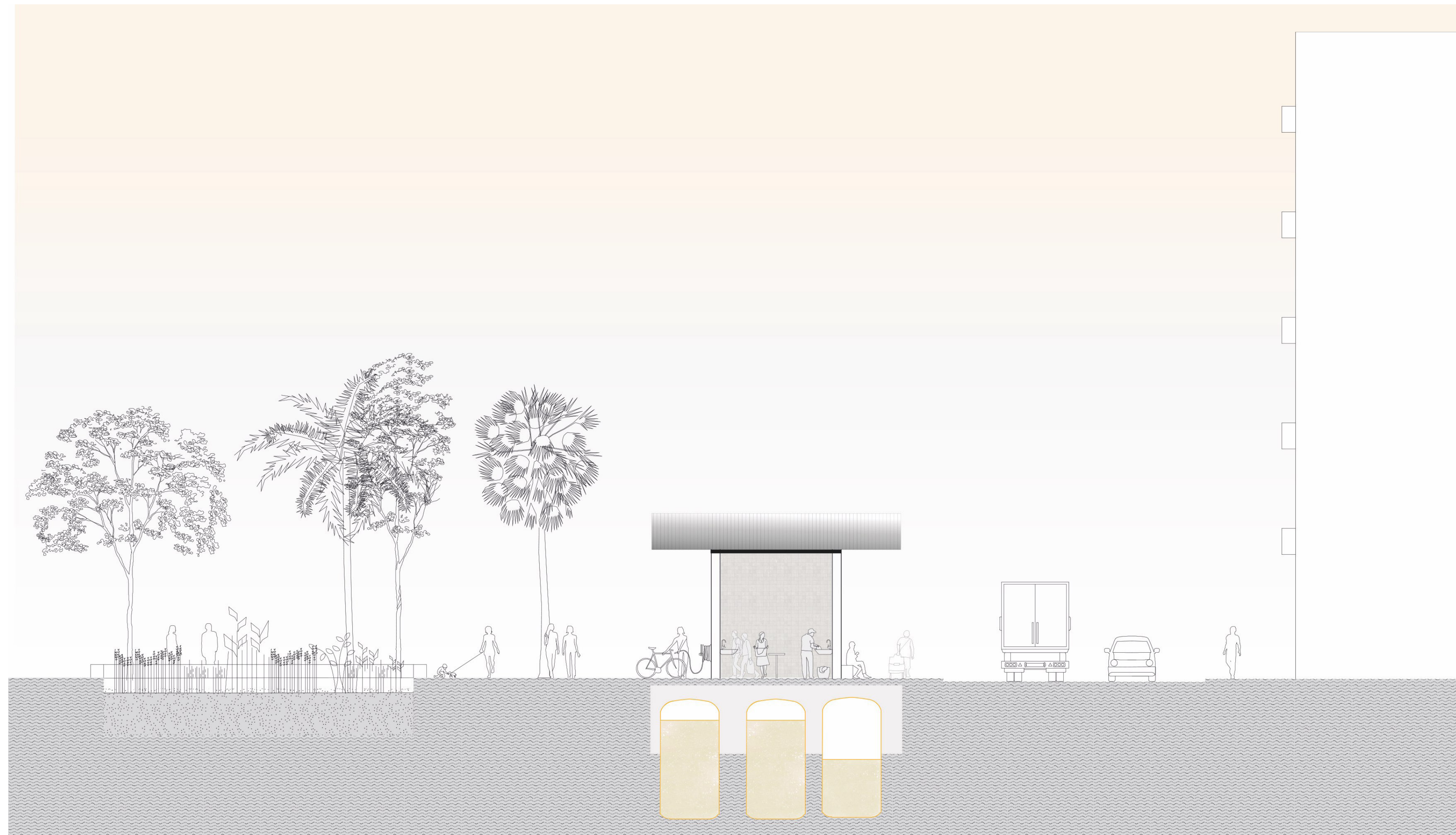


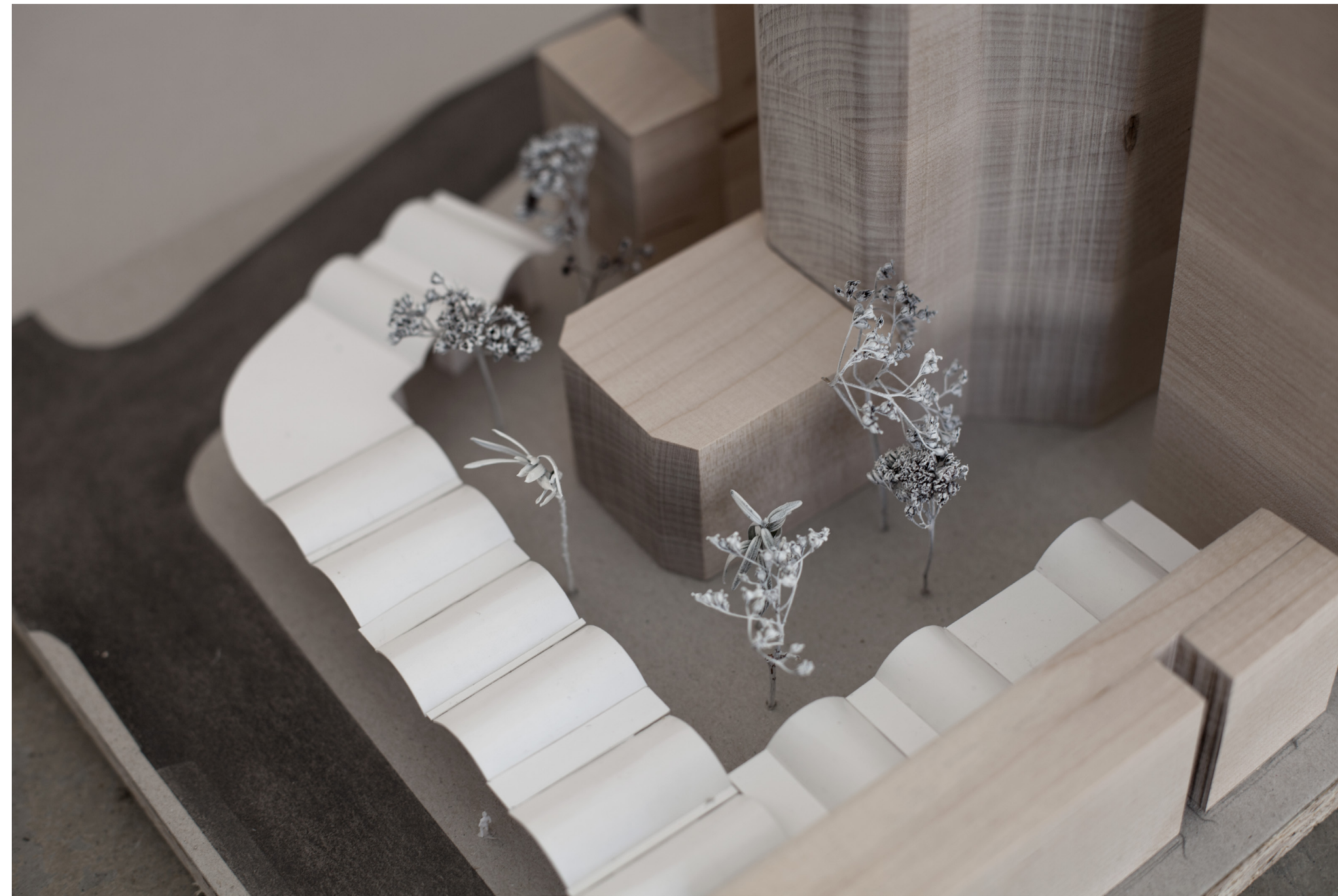


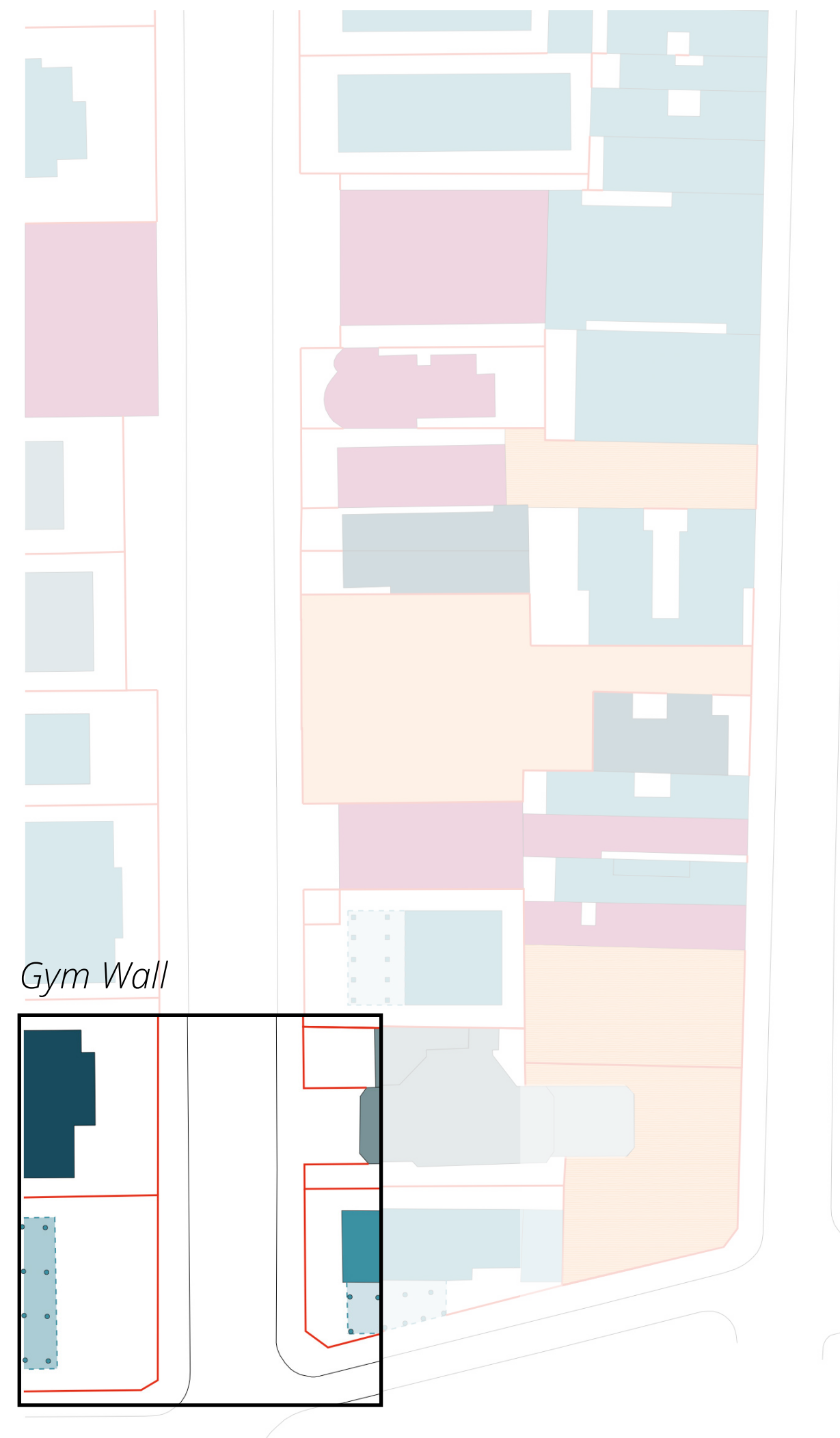
Rainwater circulation

- 1 Rainwater harvest from rooftop catchment
- 2 Filter
- 3 Water Storage
- 4 Pump
- 5 Water outlet for washing machine, taps and hose
- 6 Graywater filtration garden













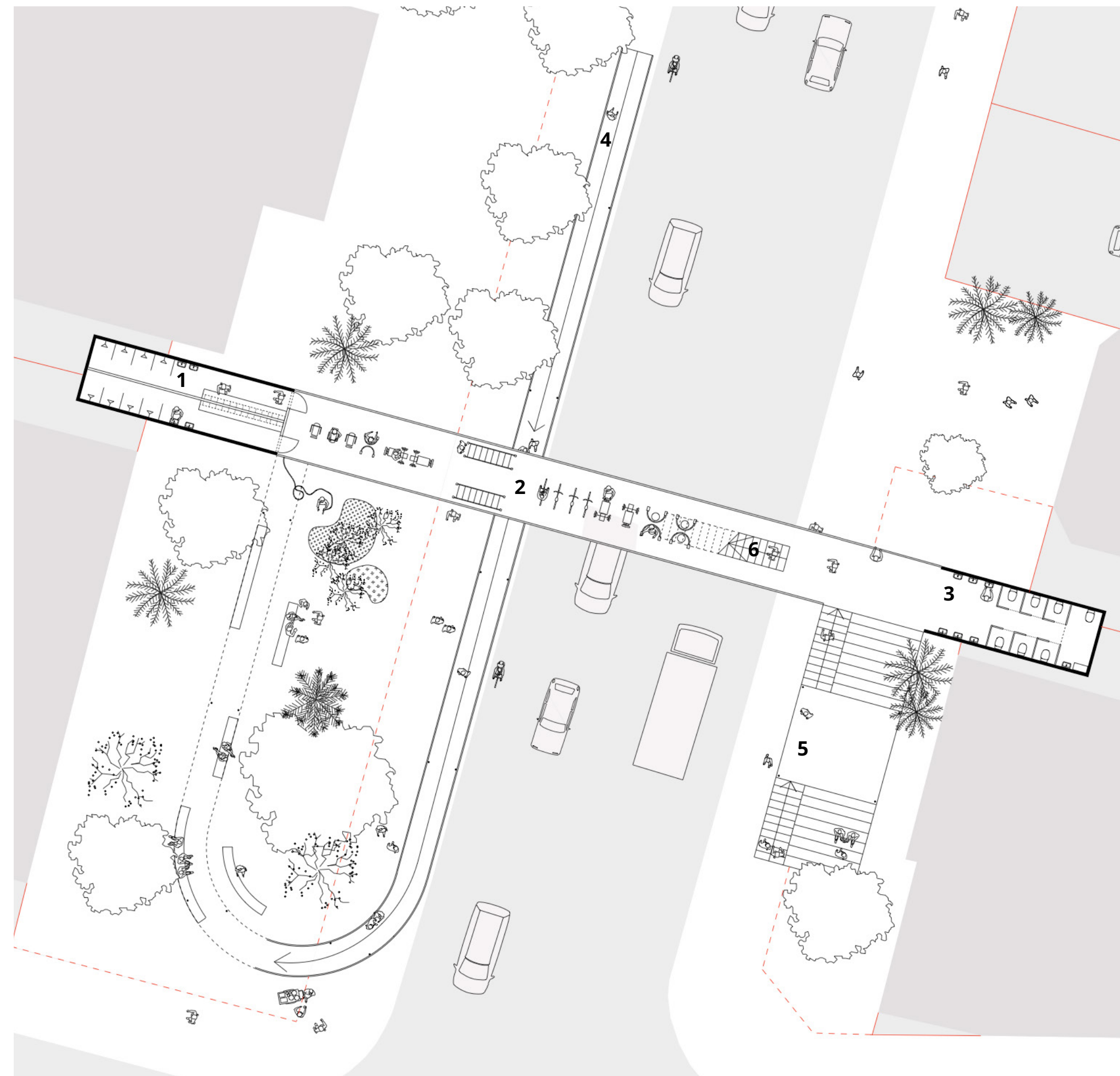
- Housing
- Villa w. commercial service
- Commercial service
- Parking lot
- Office building









-  Public space, accessible for pedestrian
-  Private space and road
-  Existing walls and fences
-  Removed walls and fences

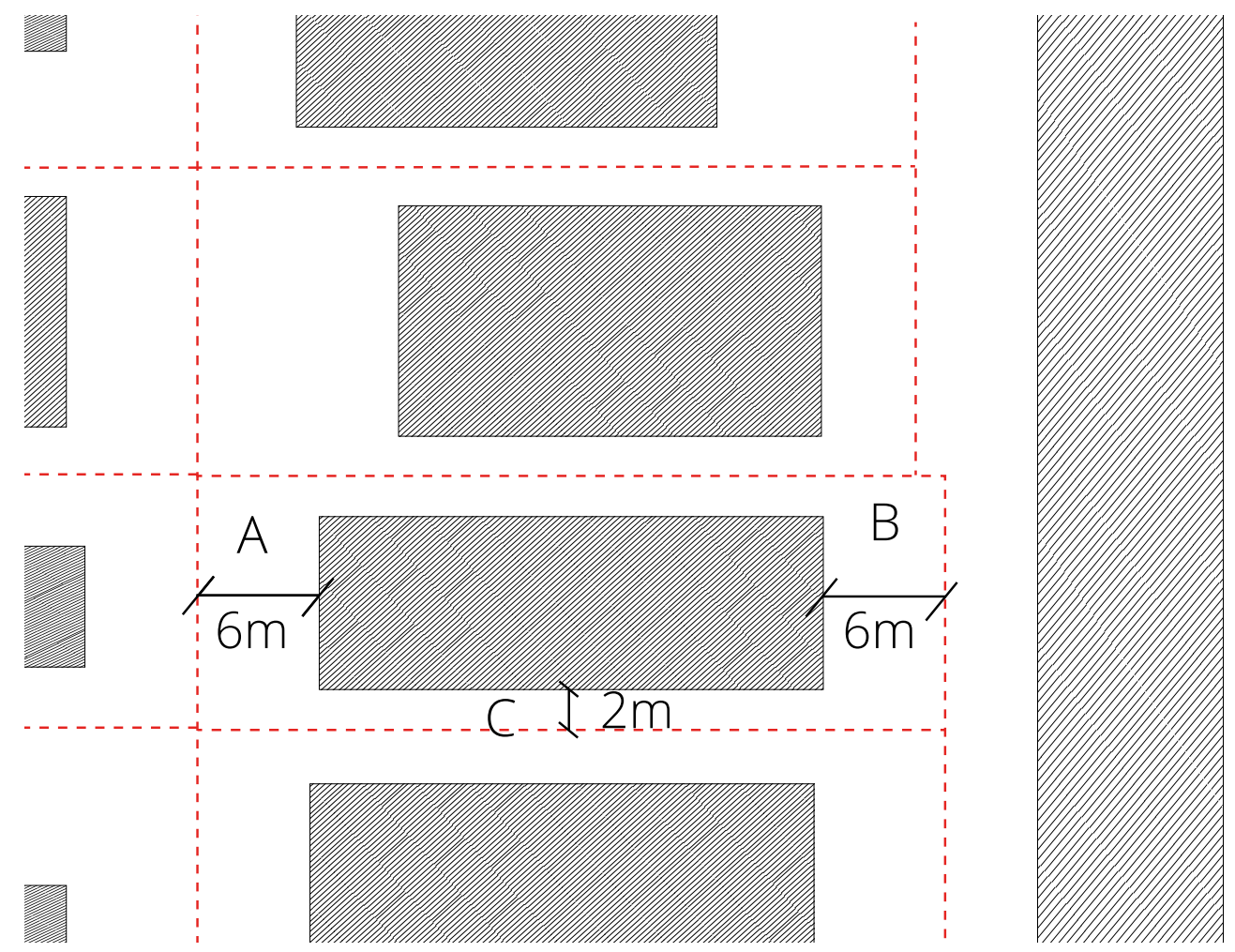






-  Public space, accessible for pedestrian
-  Private space and road
-  Existing walls and fences
-  Removed walls and fences



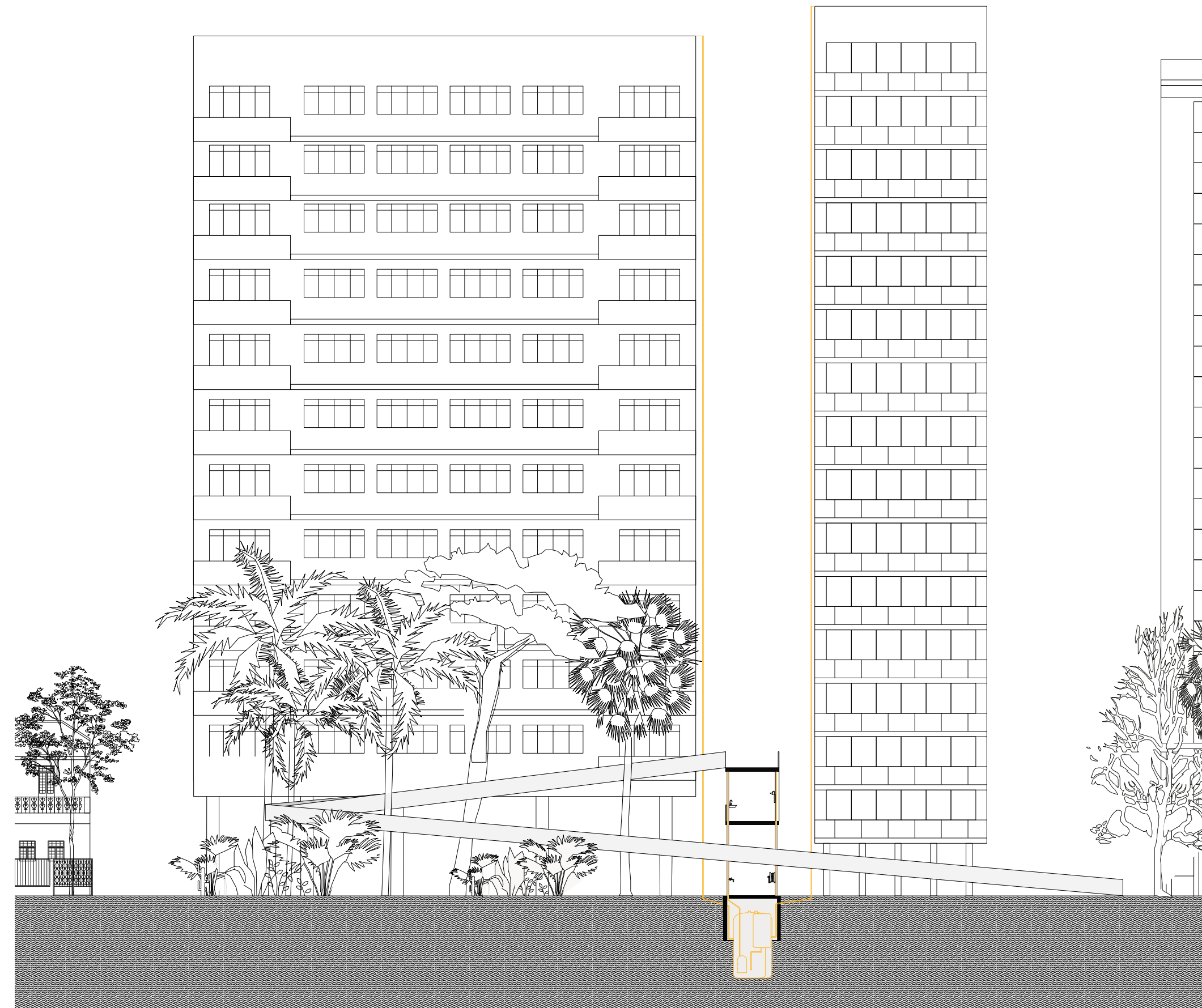
- First floor
 - 1** Showers
 - 2** Gym
 - 3** public toilets
- Circulation
 - 4** Ramp leading to 2nd floor, roof
 - 5** Stairs leading to gym
 - 6** Stairs to 2nd floor, roof

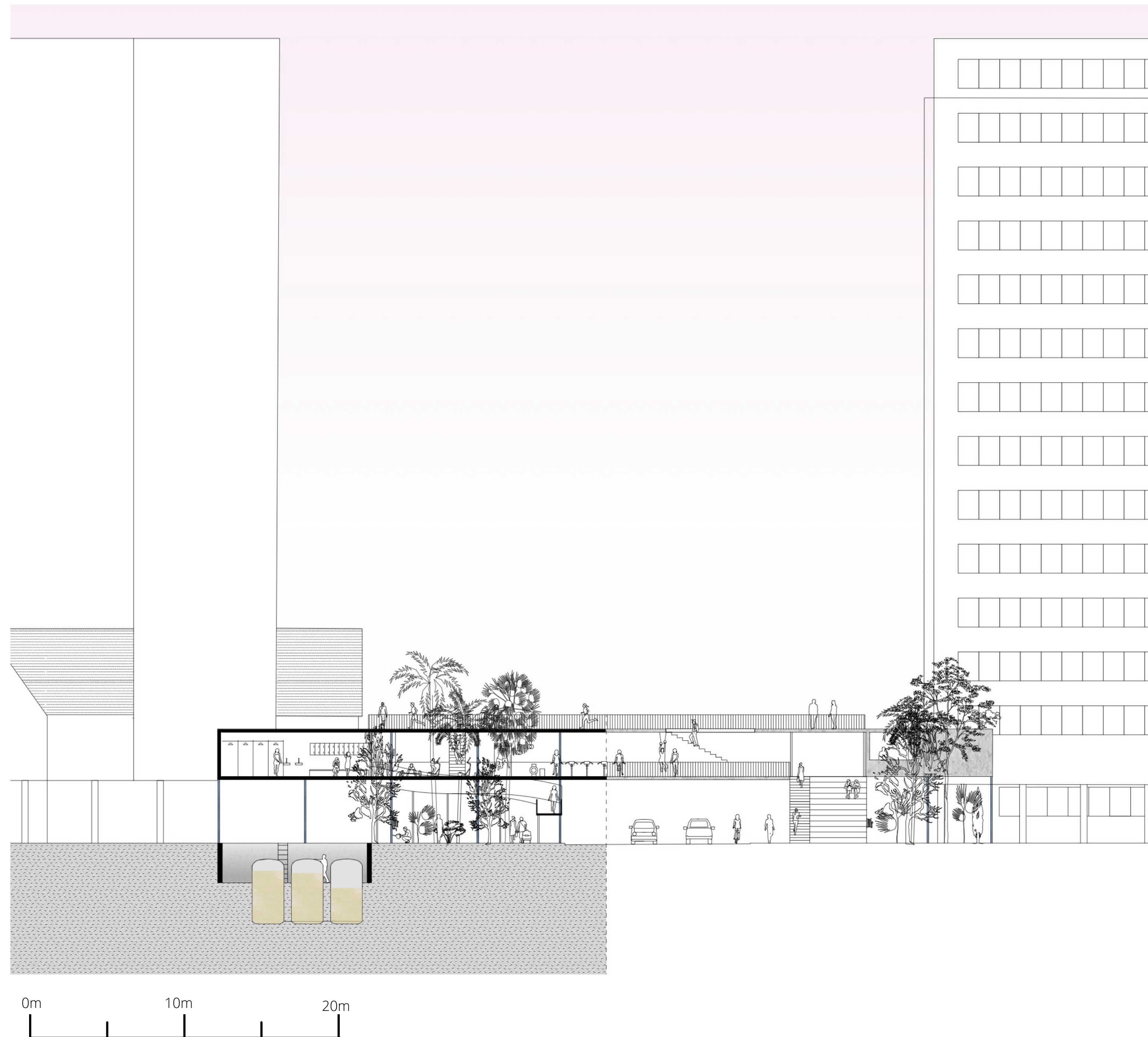


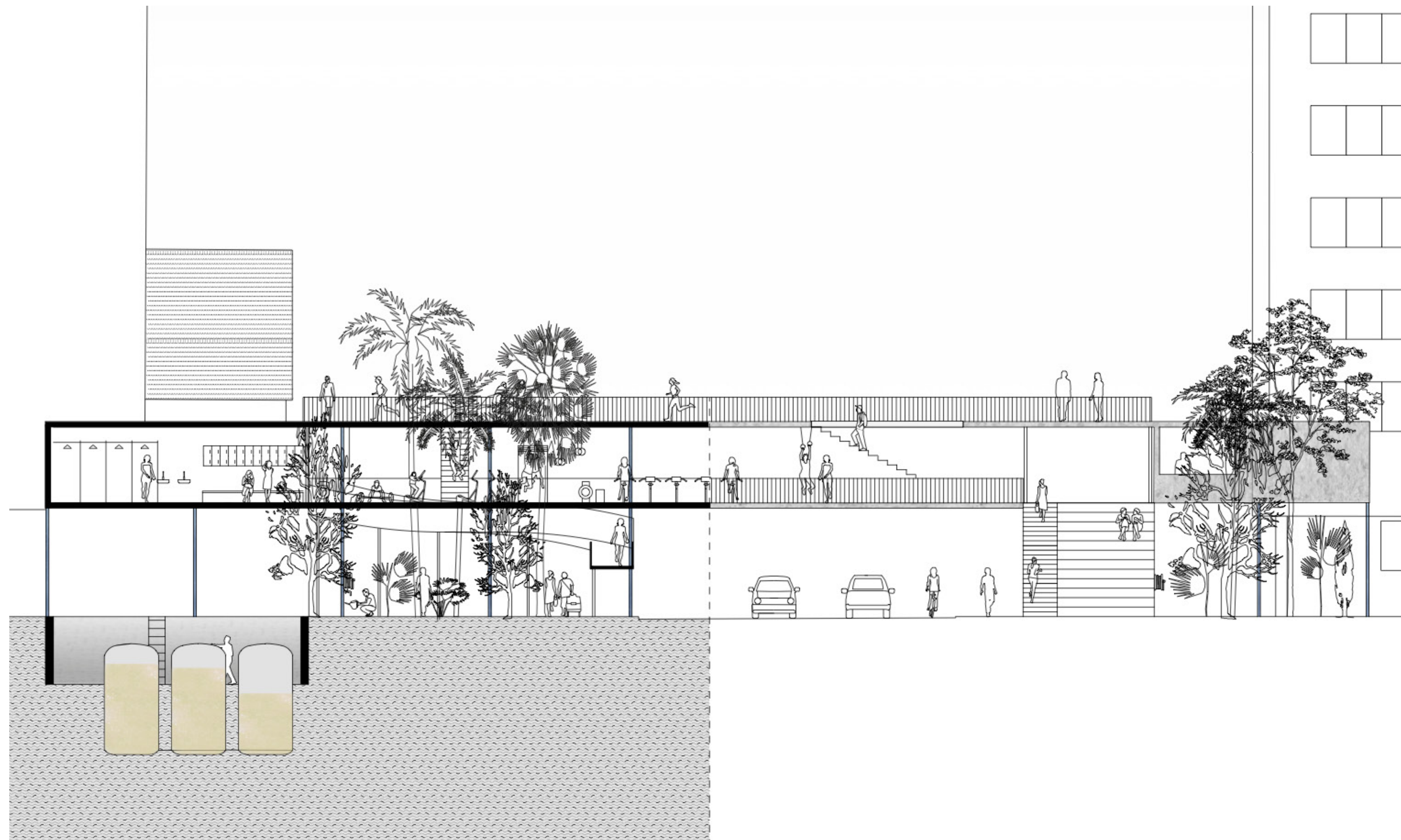
 Buildings and road
 Property border,
often a fence or wall

Local roperty Regulations,
required distances/setbacks

- A) In the back
- B) In front, towards street
- C) To neighbouring building



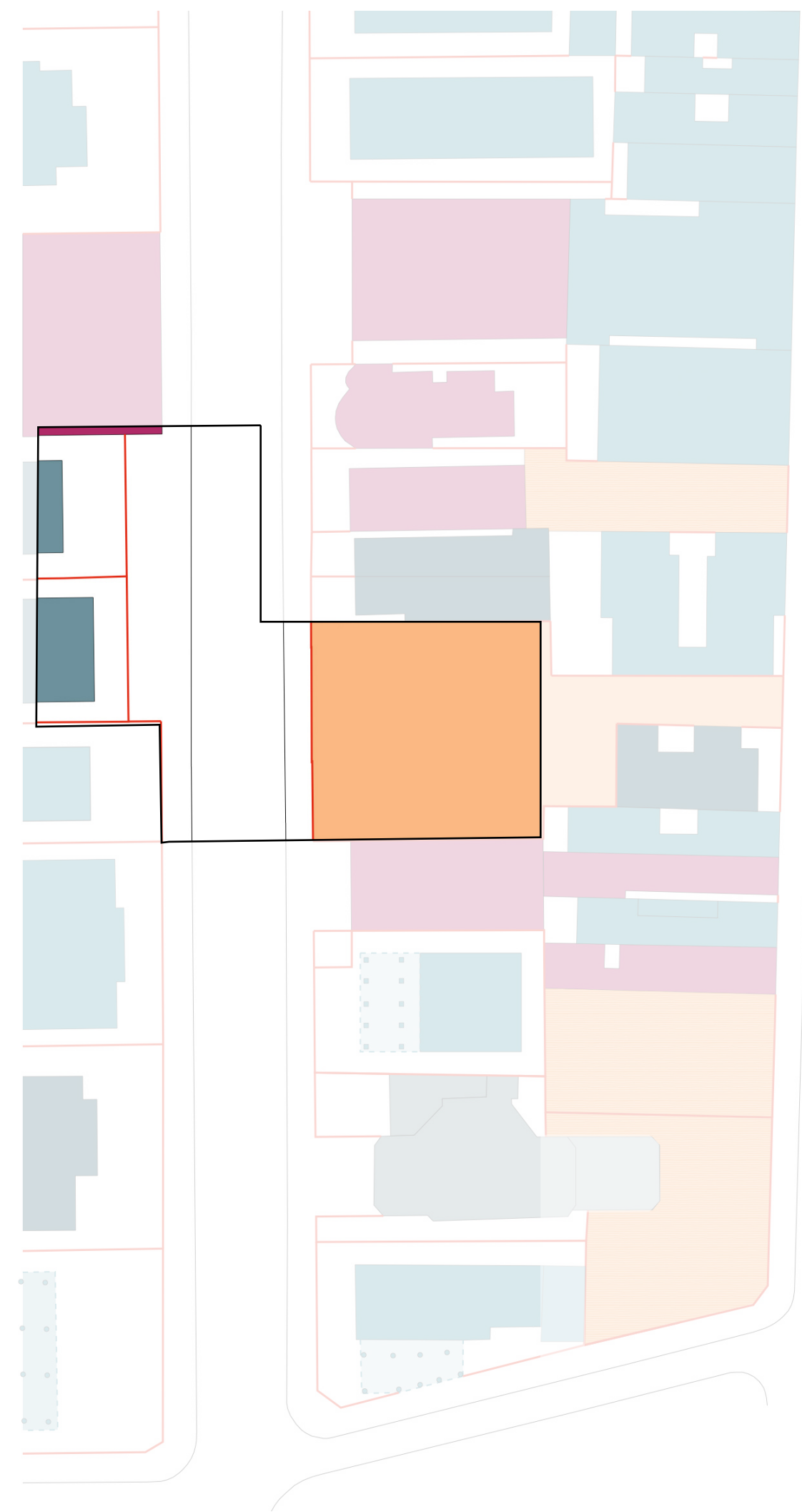




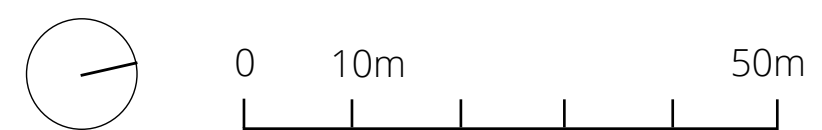
0m 5m

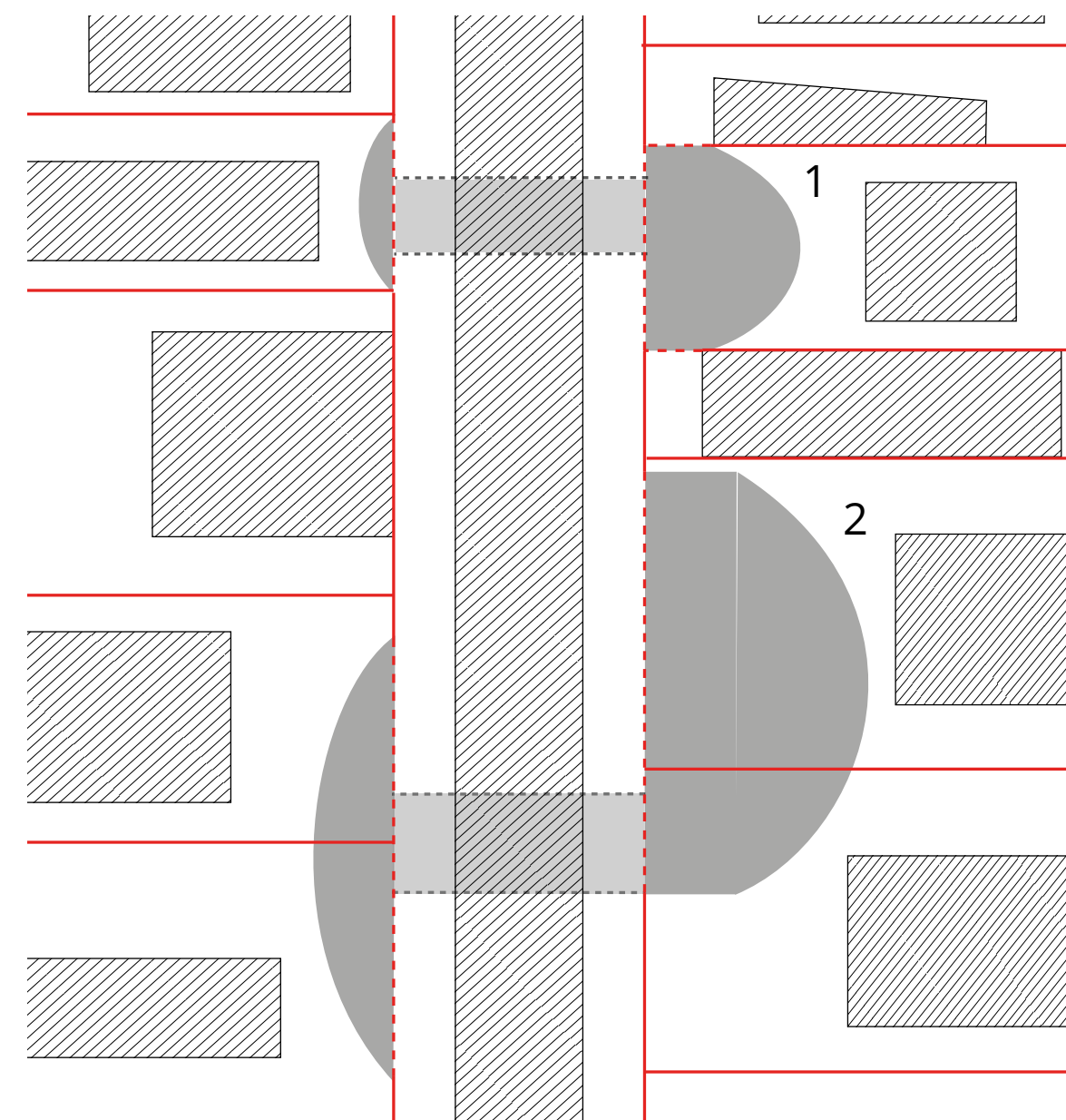










- Housing
- Villa w. commercial service
- Commercial service
- Parking lot
- Office building



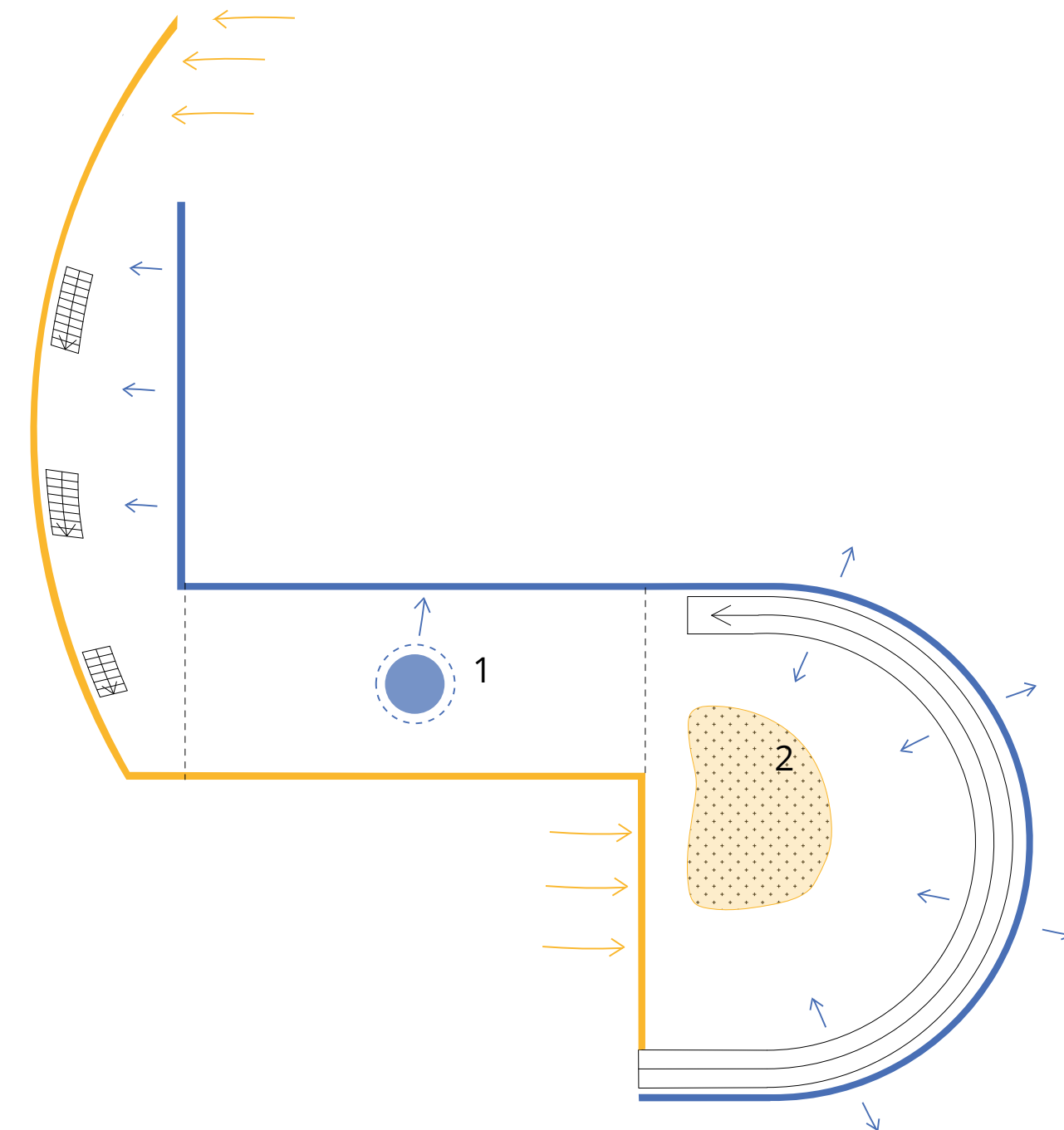


Property structure diagram

-  Existing houses and road
-  Well Wall
-  Existing walls and fences
-  Removed walls and fences

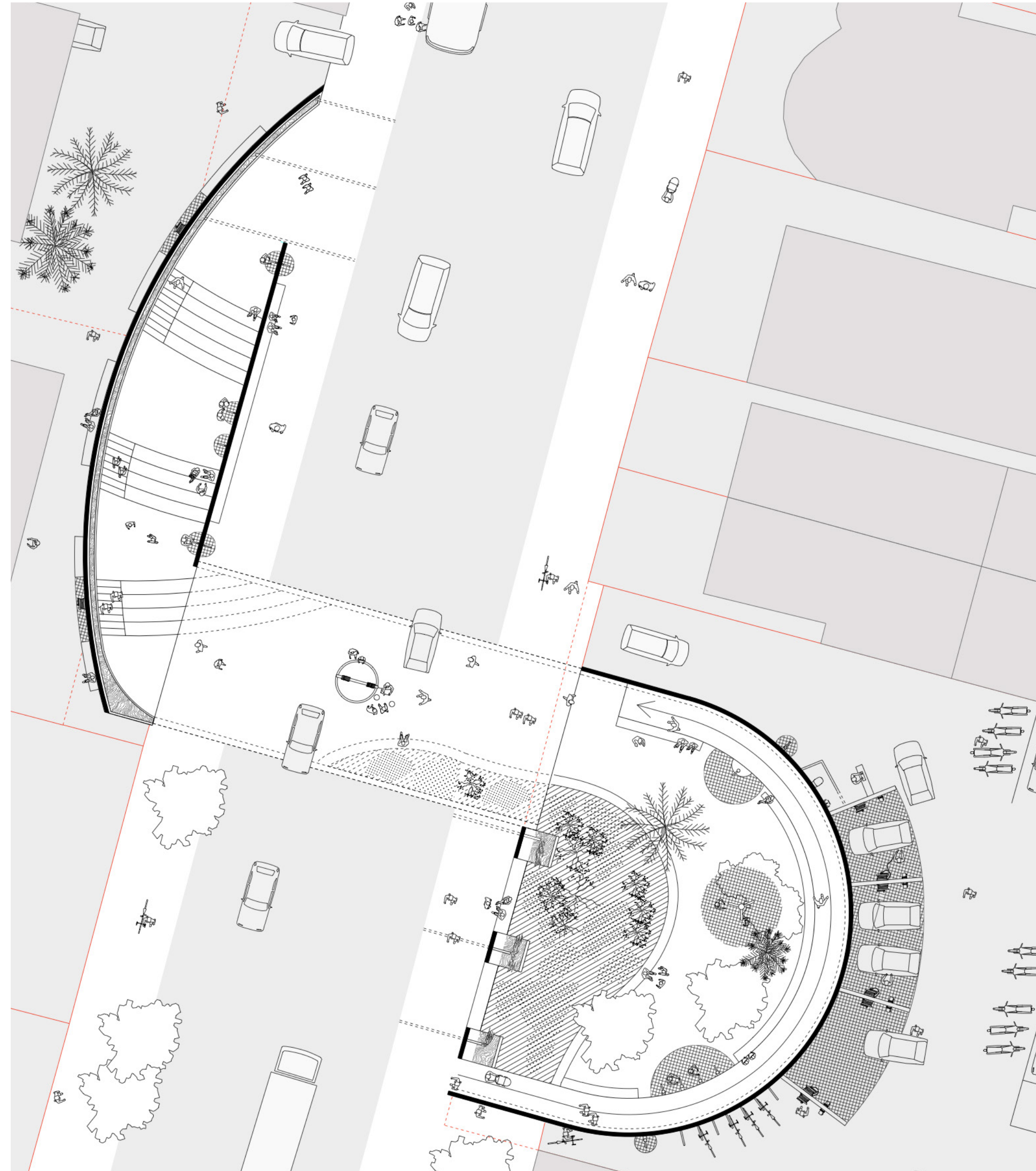
Project implementation alternatives





- 1 Within existing property structure
- 2 Merging two properties



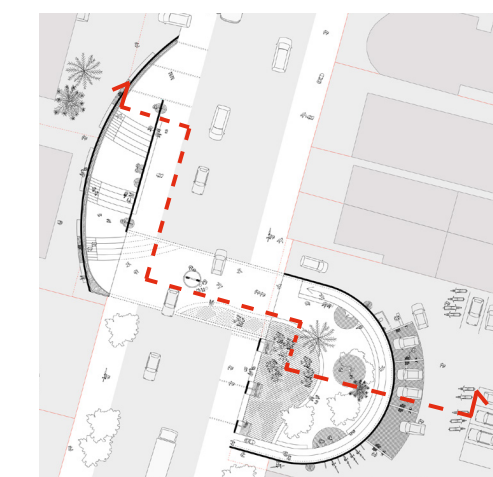
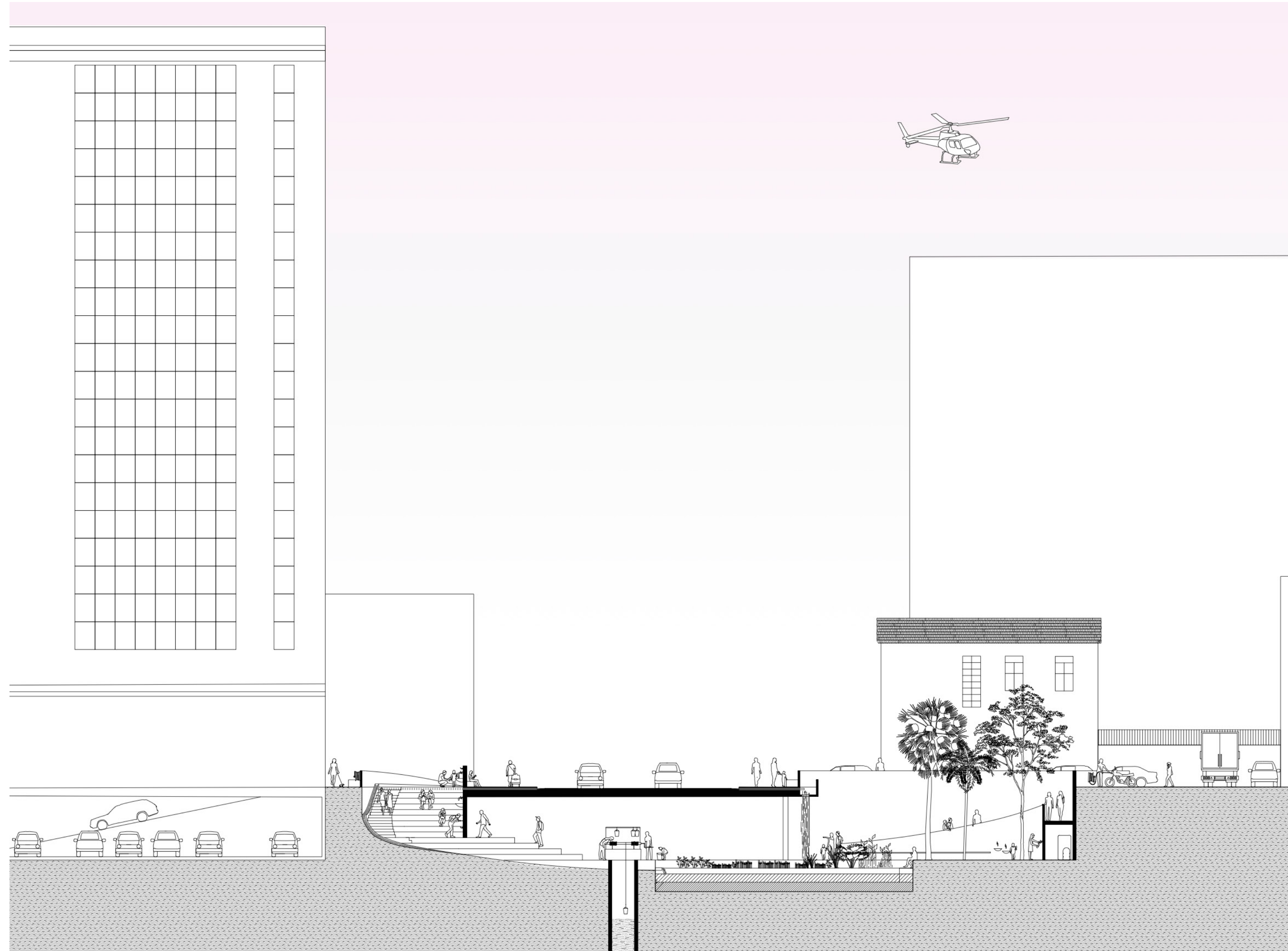
Circulation diagram

- Potable water
- Runoffs and graywater
- 1 Public Well
- 2 Raingarden



-  Public space, accessible for pedestrian
-  Private space and road
-  Existing and new walls and fences
-  Removed walls and fences















-  Public space, accessible for pedestrian
-  Private space and road
-  Existing and new walls and fences
-  Removed walls and fences





Gym Wall

Well Wall

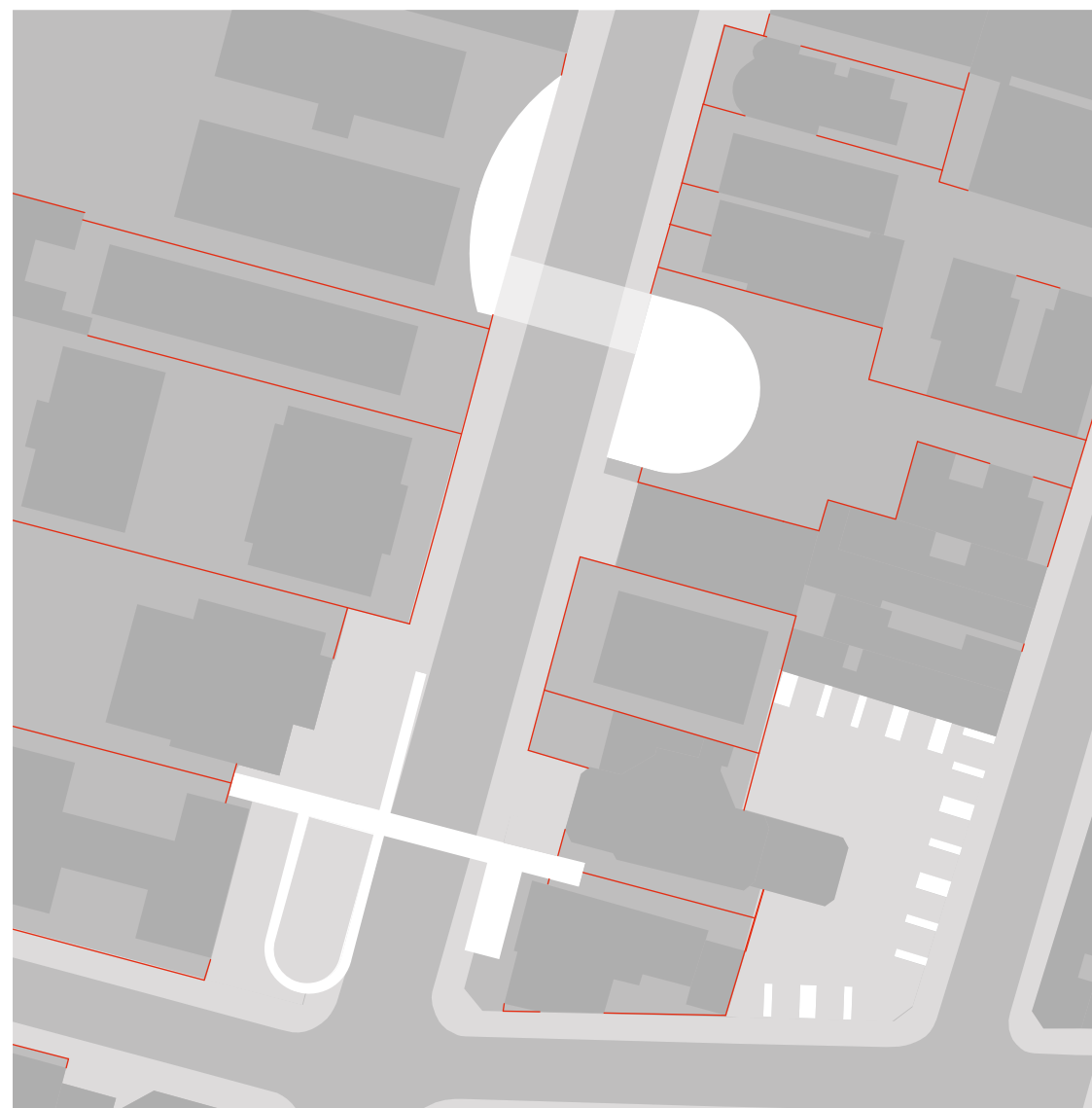
Laundry Wall




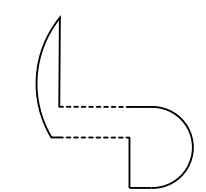
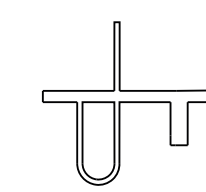



Existing situation



New situation



SKALA!! XXX

-  Laundry Wall
-  Well Wall
-  Gym Wall
-  Public space, accessible for pedestrian
-  Private space and road
-  Existing walls and fences

