

WALKABILITYSCAPES:

"linking the ecological corridors inside and outside of Badia"



Scale : 1_750

MASTER PLAN



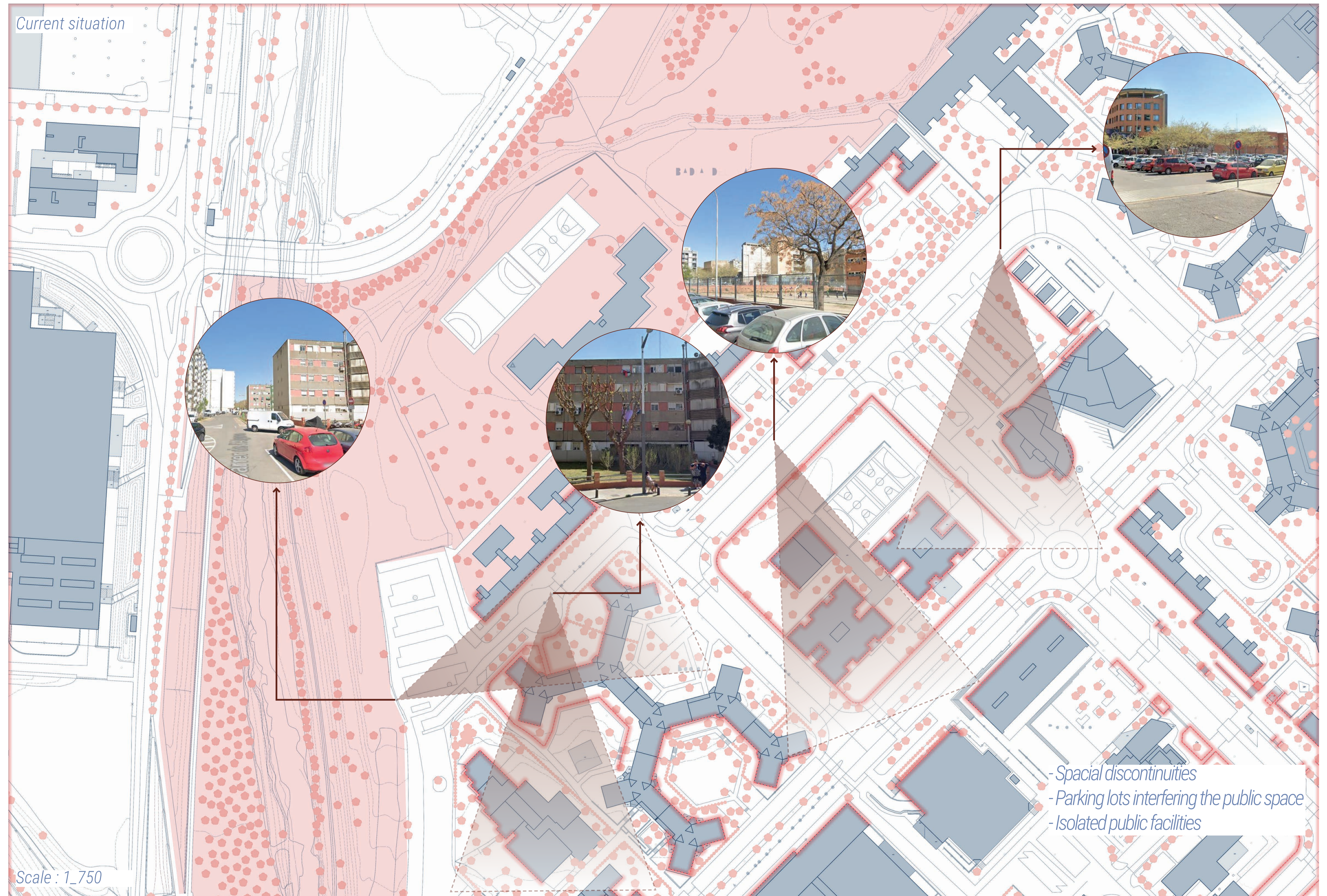
Scale : 1_750

Intermediate scale

ZOOM UP

Scale : 1_5000

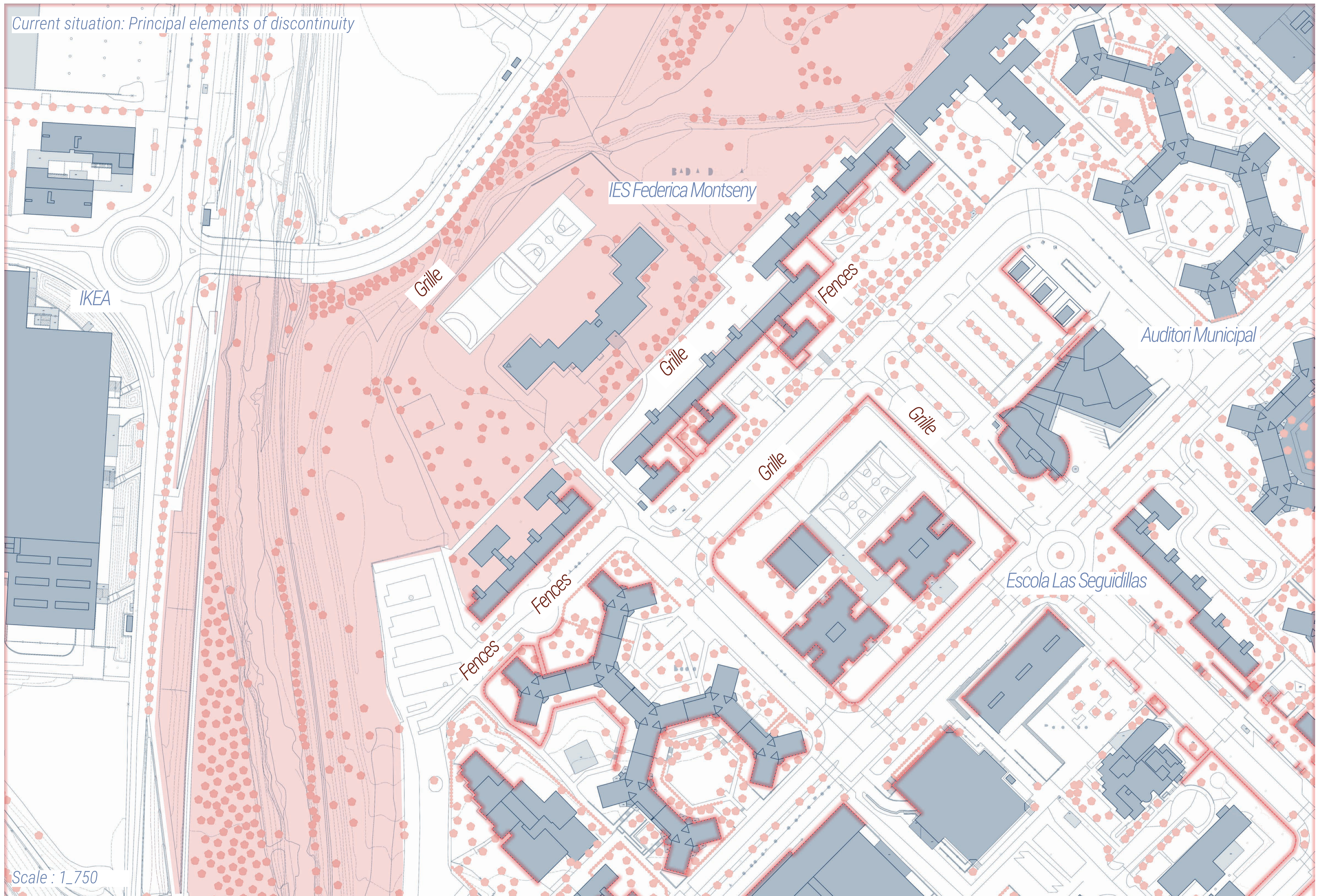
Current situation



Scale : 1_750

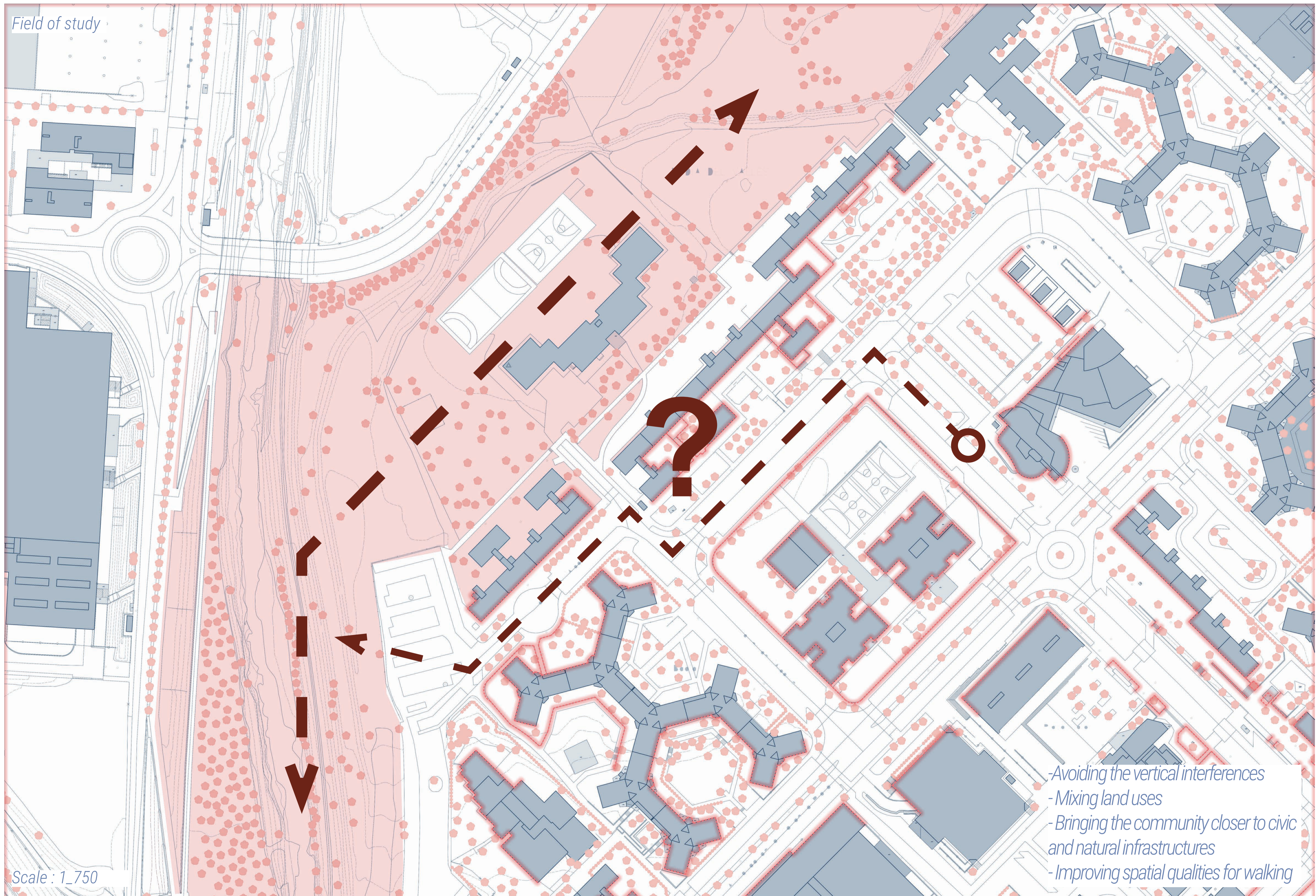
- Spatial discontinuities
- Parking lots interfering the public space
- Isolated public facilities

Current situation: Principal elements of discontinuity



Scale : 1_750

Field of study



Scale : 1_750

- Avoiding the vertical interferences
- Mixing land uses
- Bringing the community closer to civic and natural infrastructures
- Improving spatial qualities for walking

WALKABILITYSCAPES:

*New squares, civic and educational
landscapes*

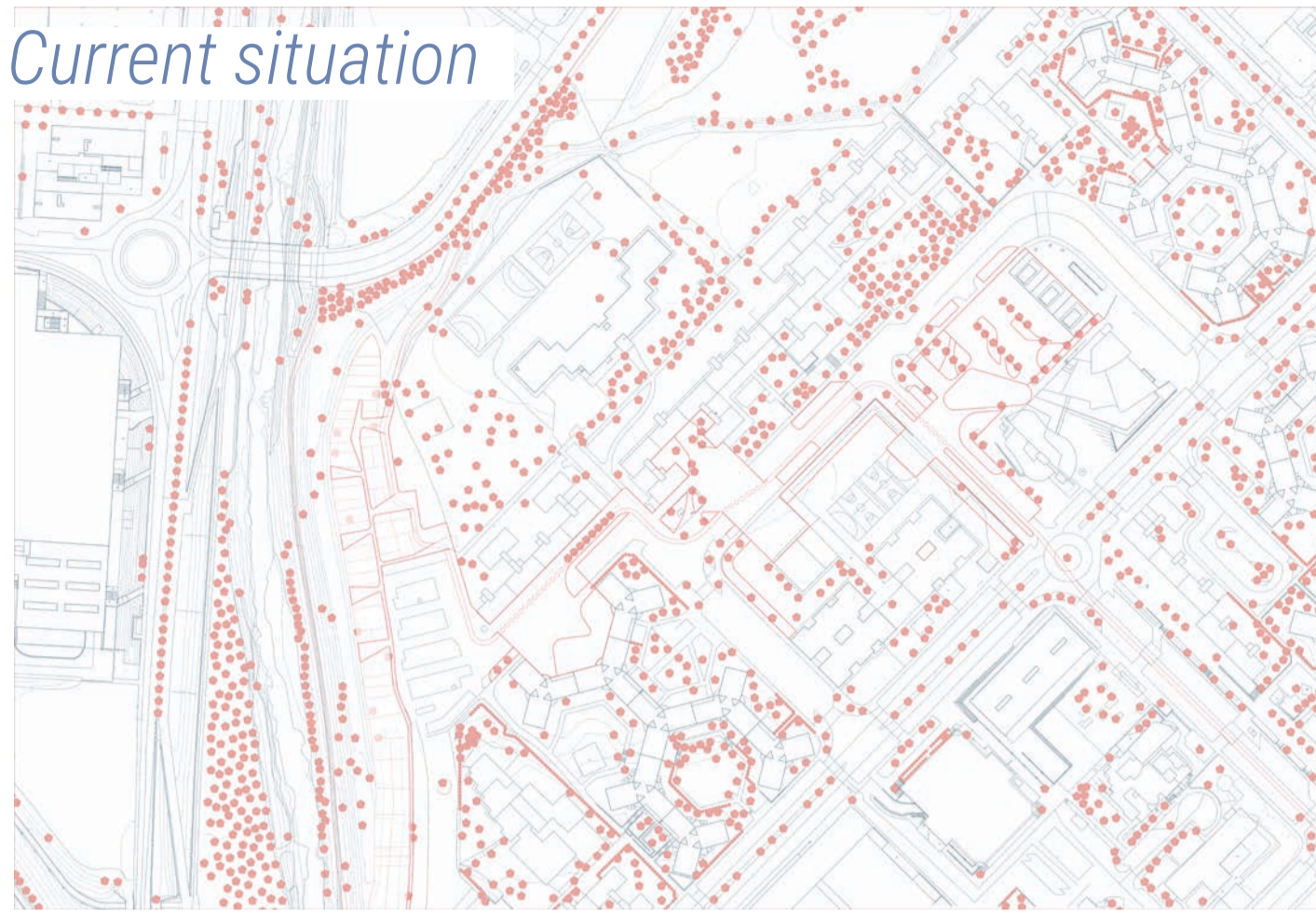


Proposal

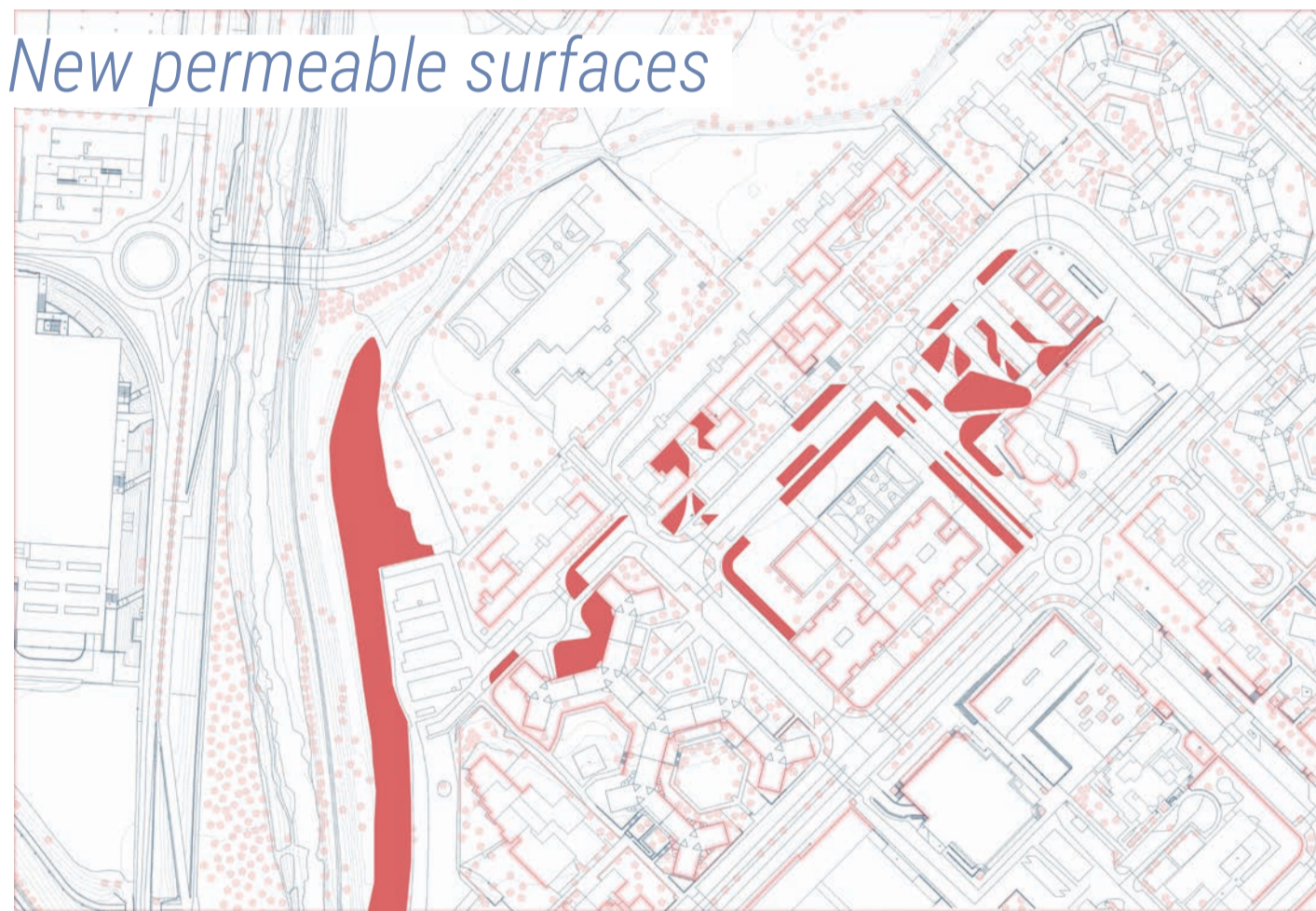
TACTICS IN THE ECOSYSTEM

Vegetation

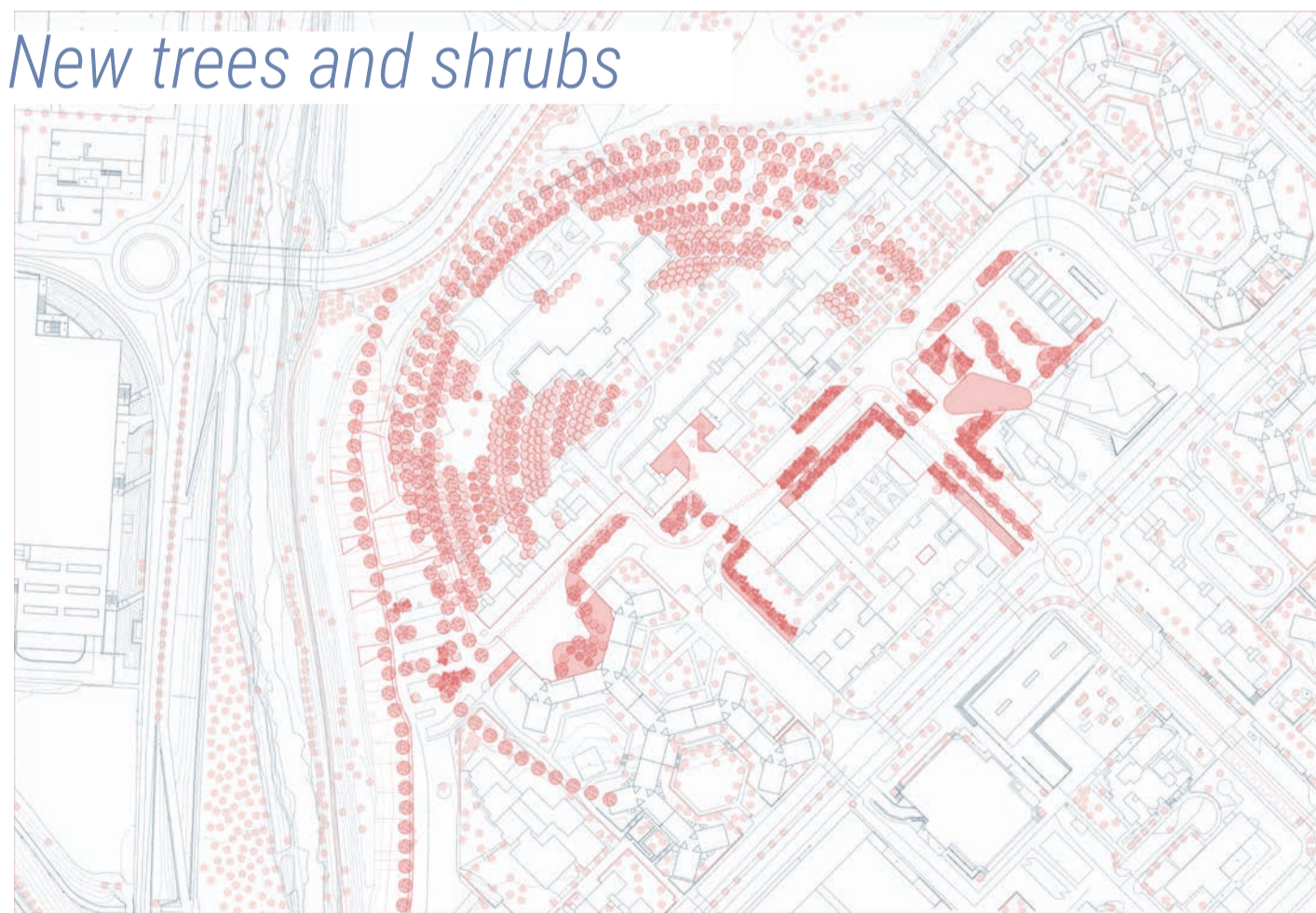
Current situation



New permeable surfaces

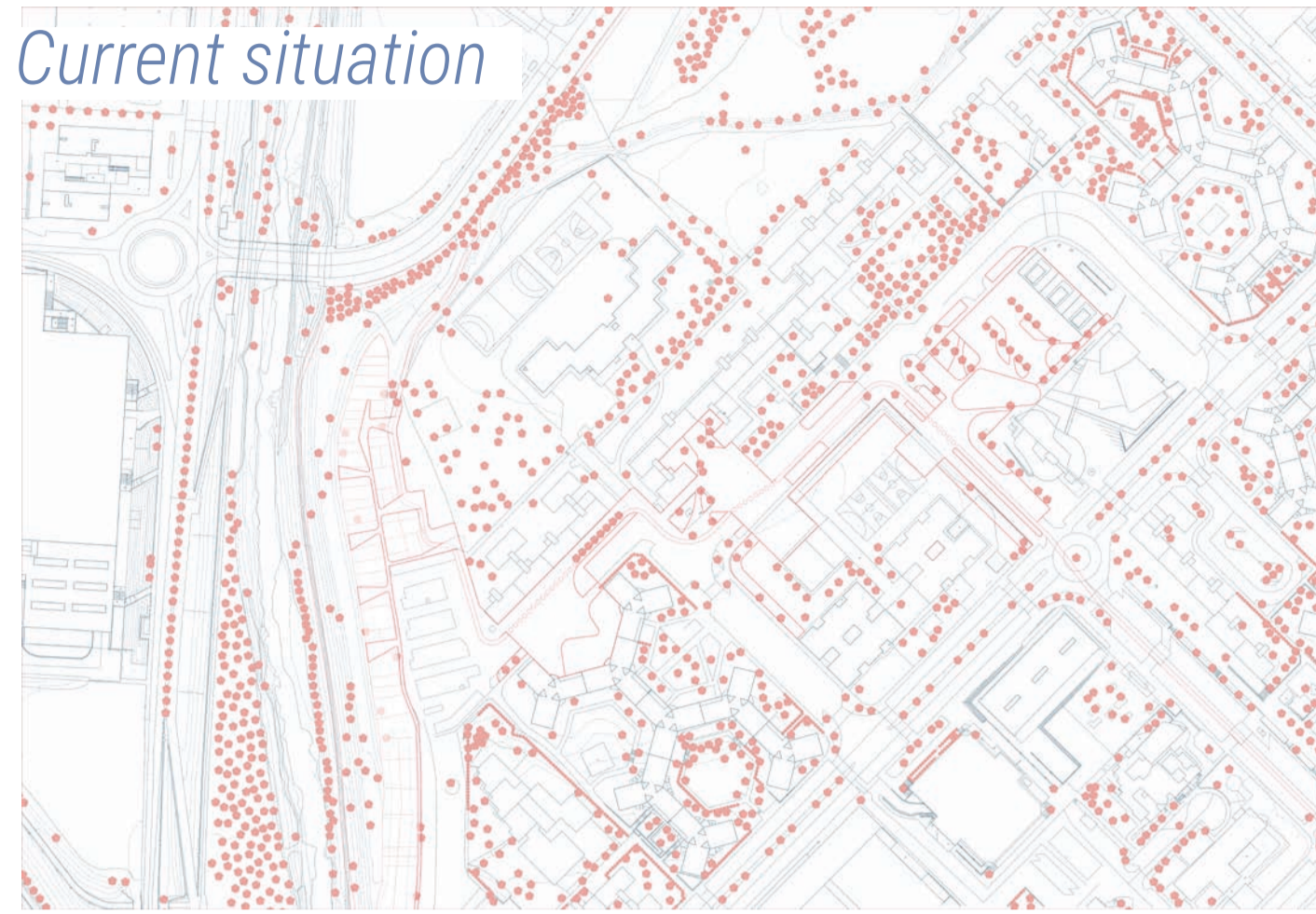


New trees and shrubs

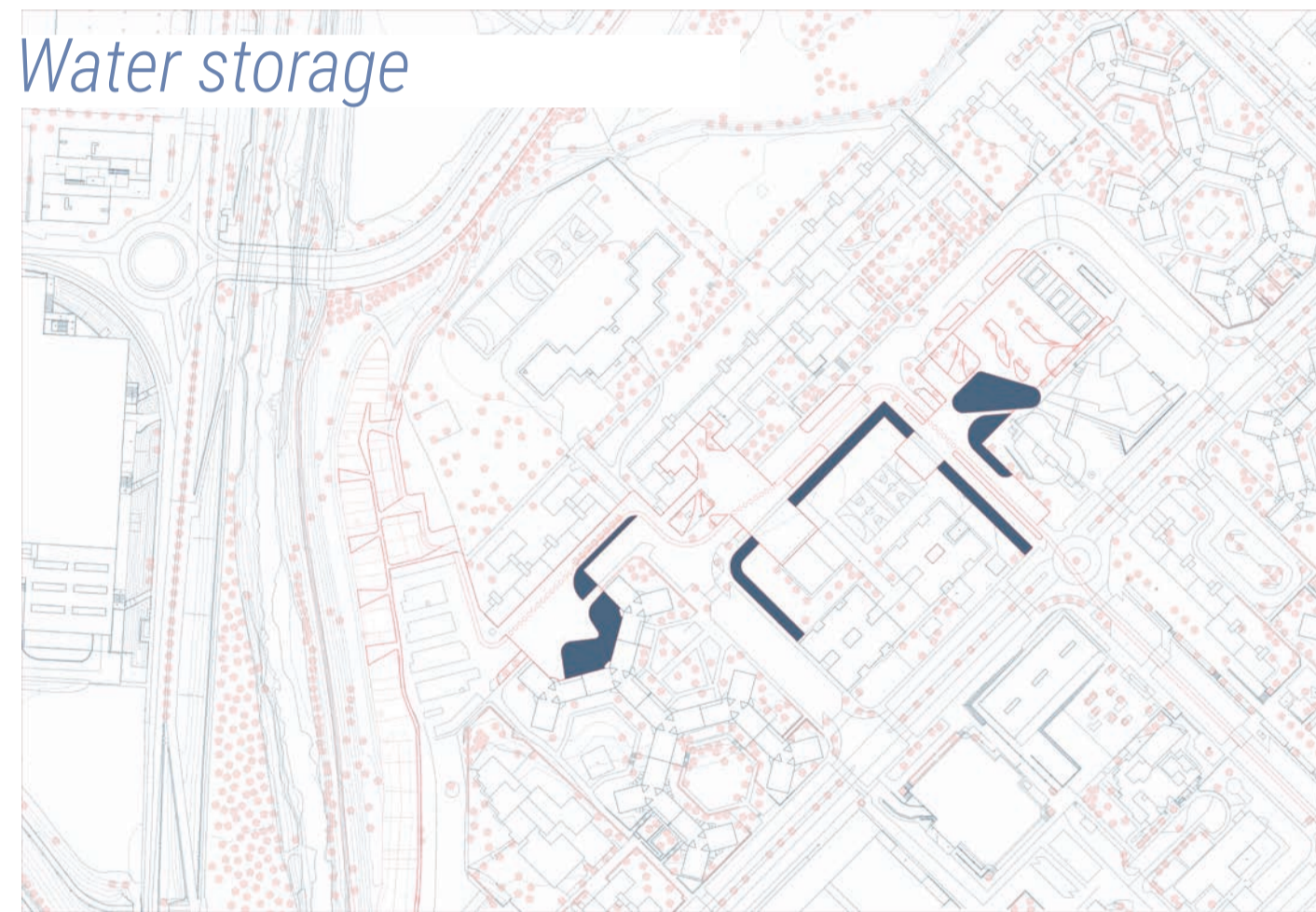


Water

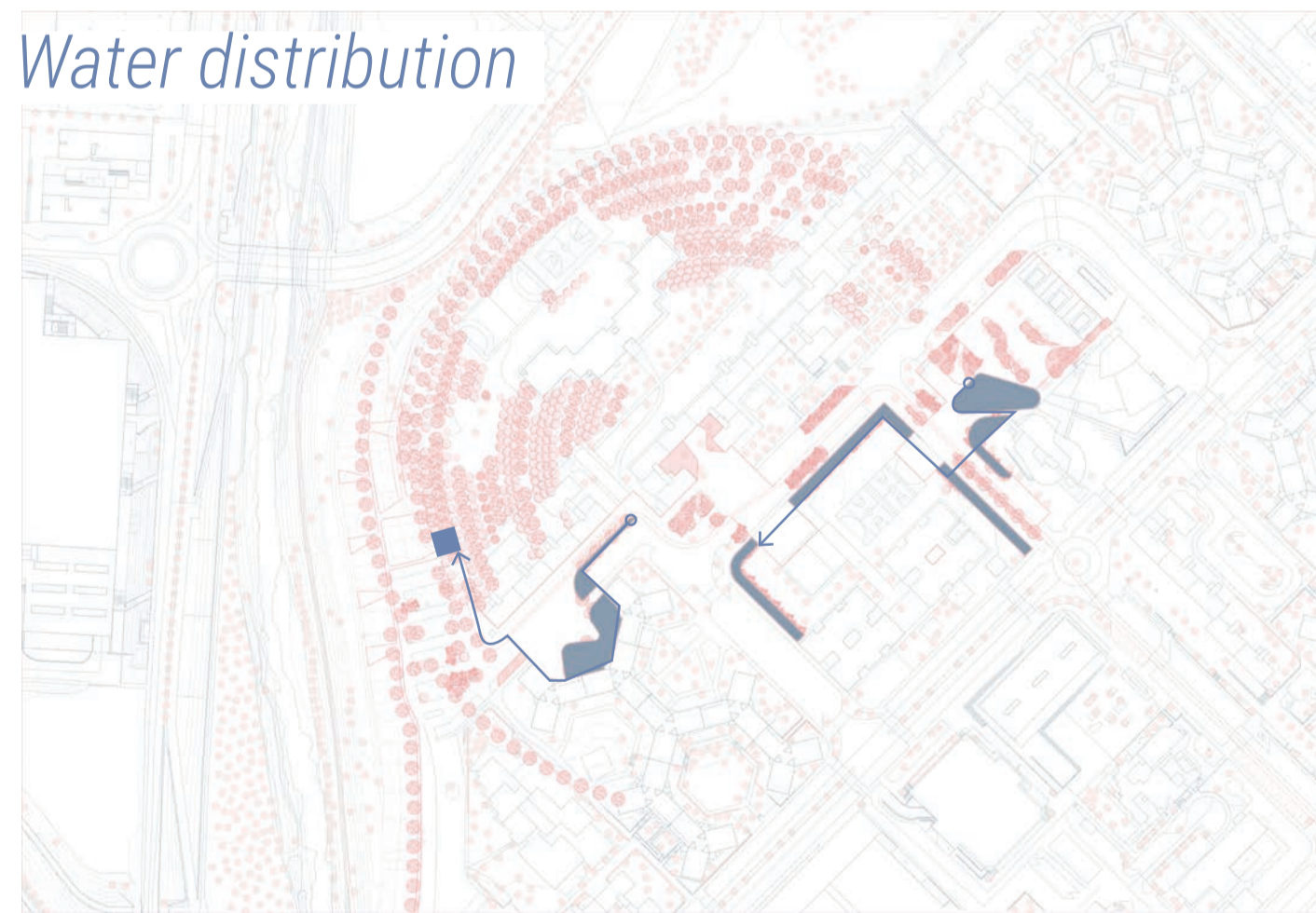
Current situation



Water storage



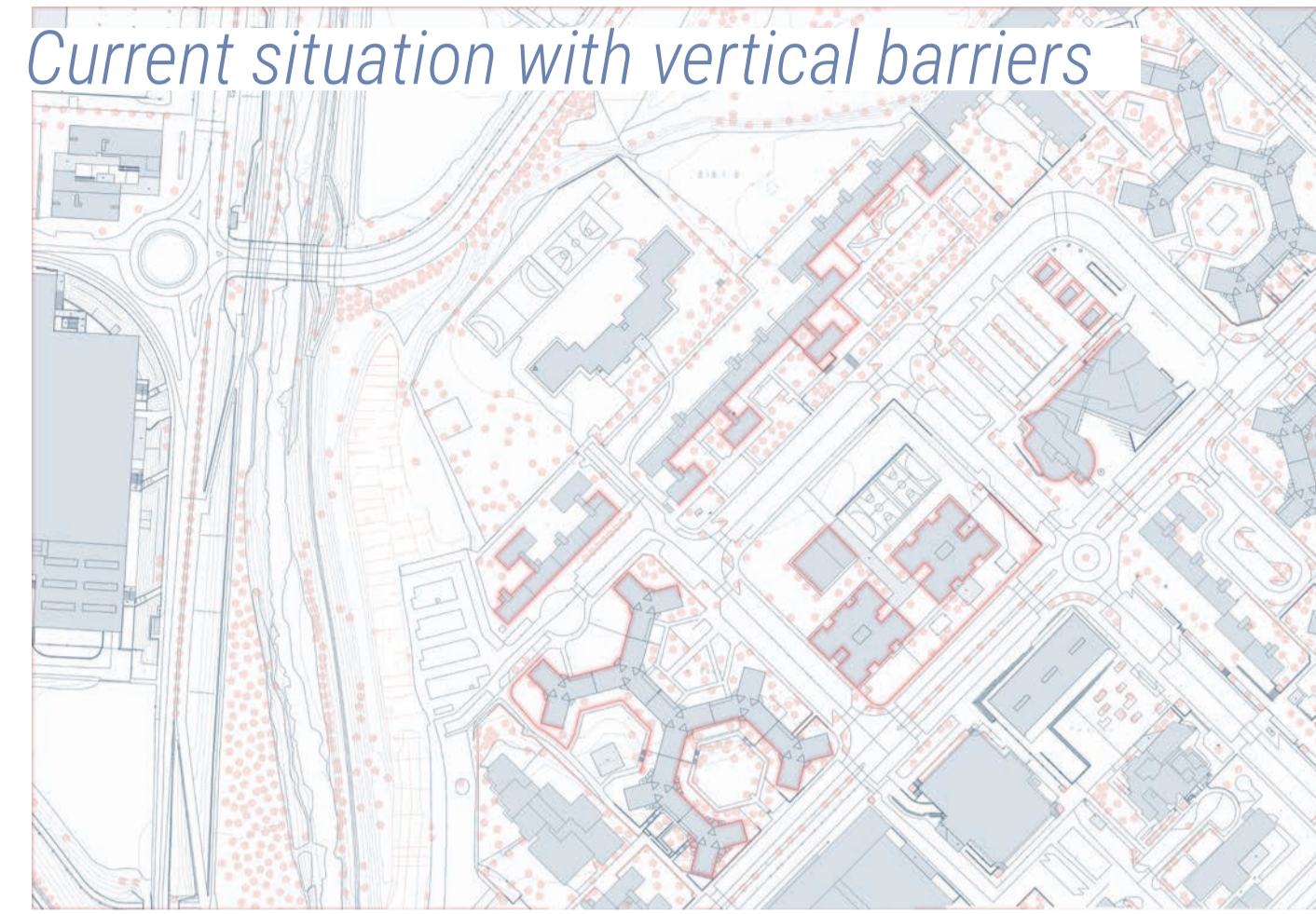
Water distribution



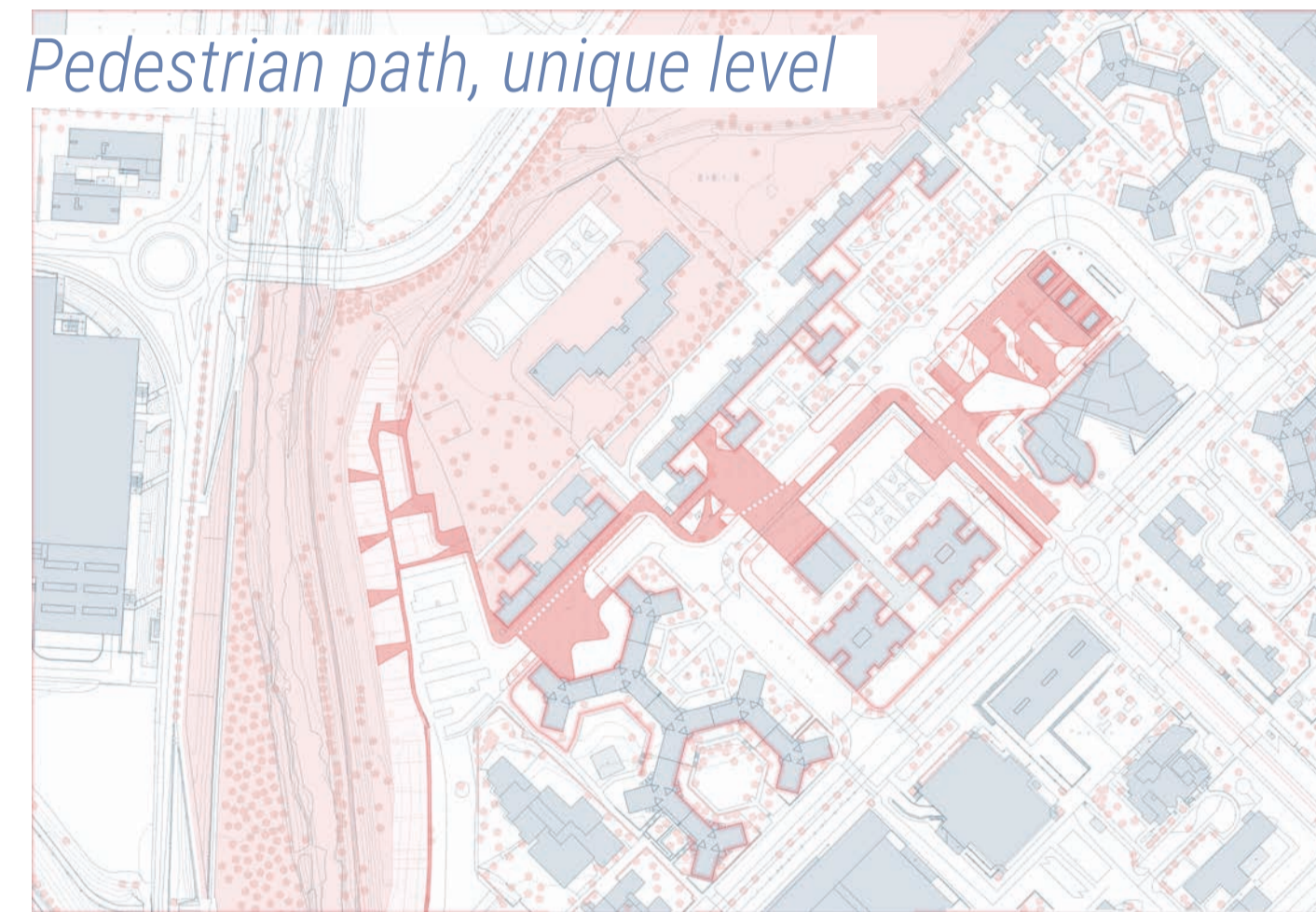
TACTICS IN PUBLIC SPACE

Mobility

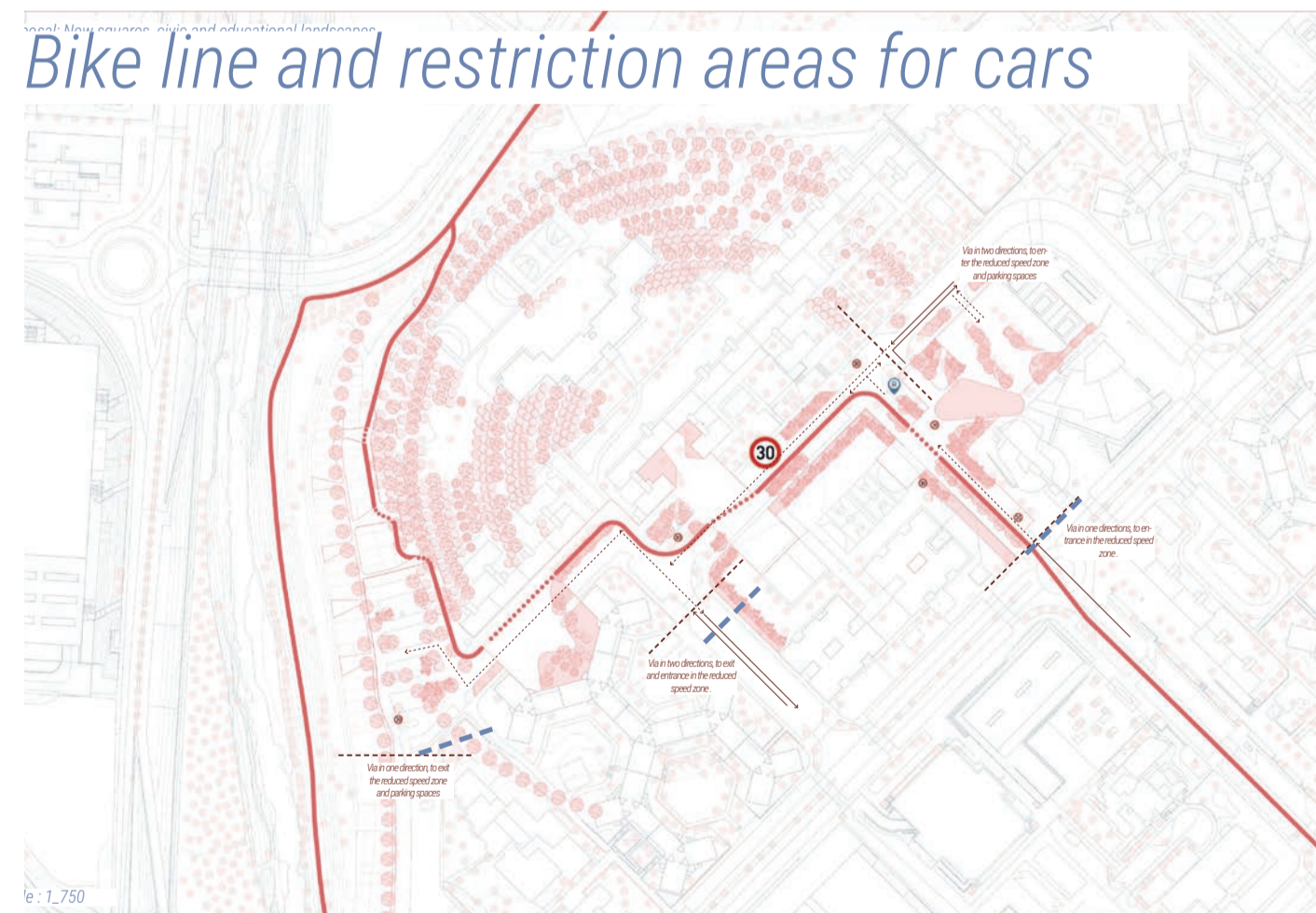
Current situation with vertical barriers



Pedestrian path, unique level

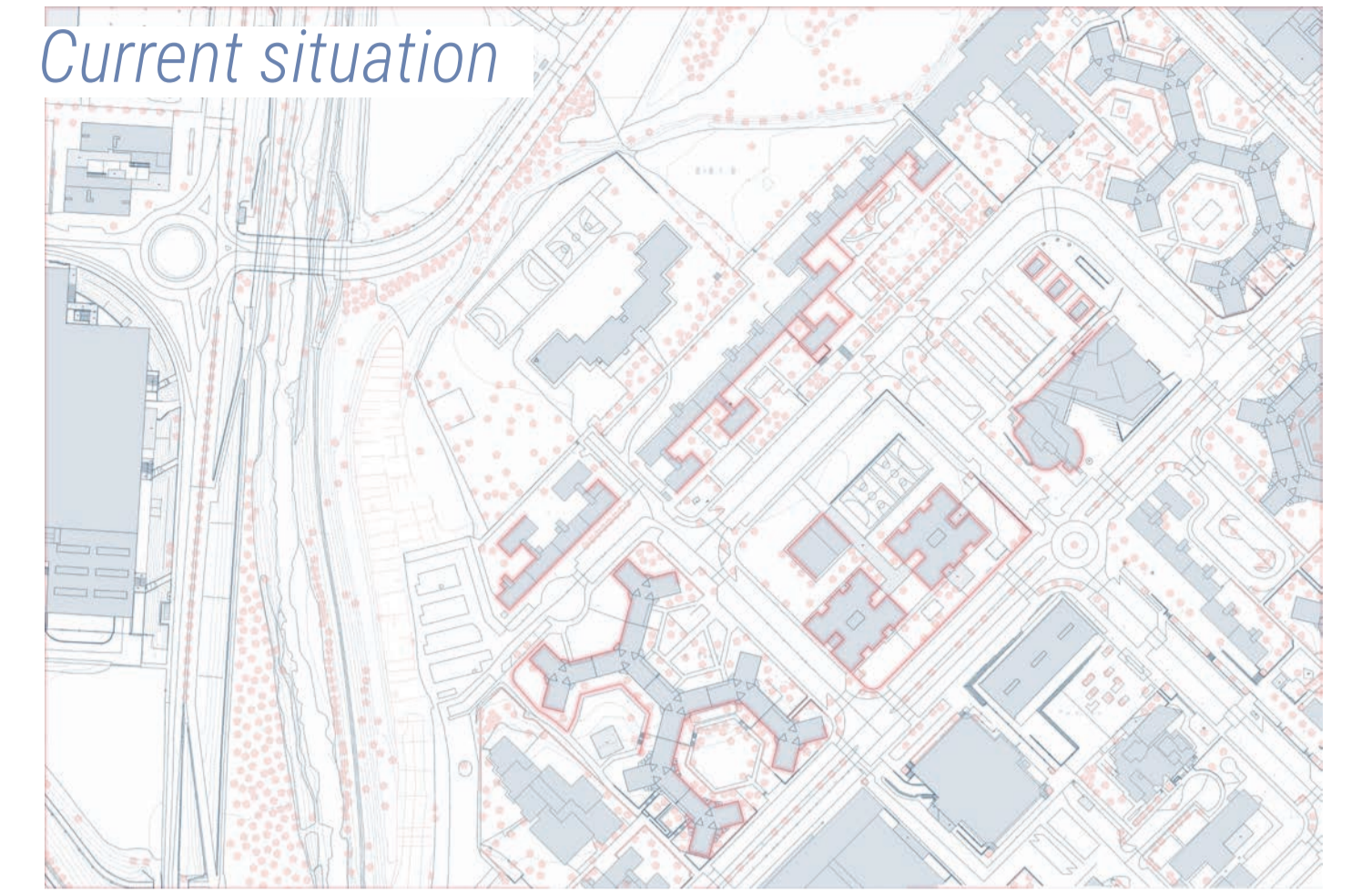


Bike line and restriction areas for cars

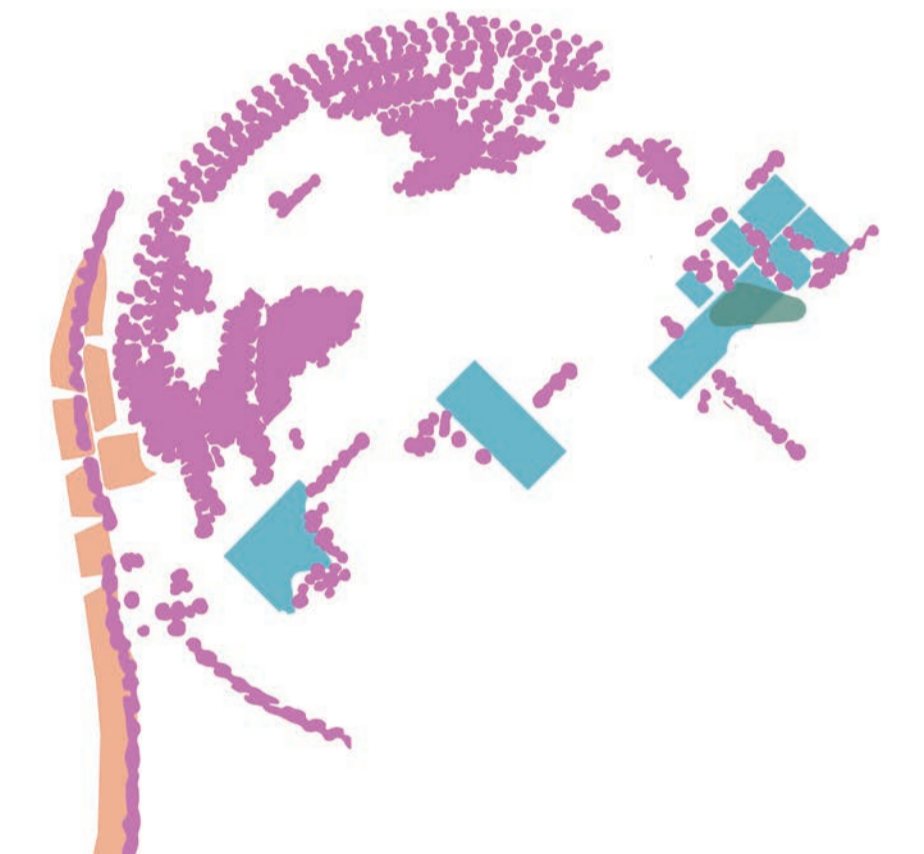


Program

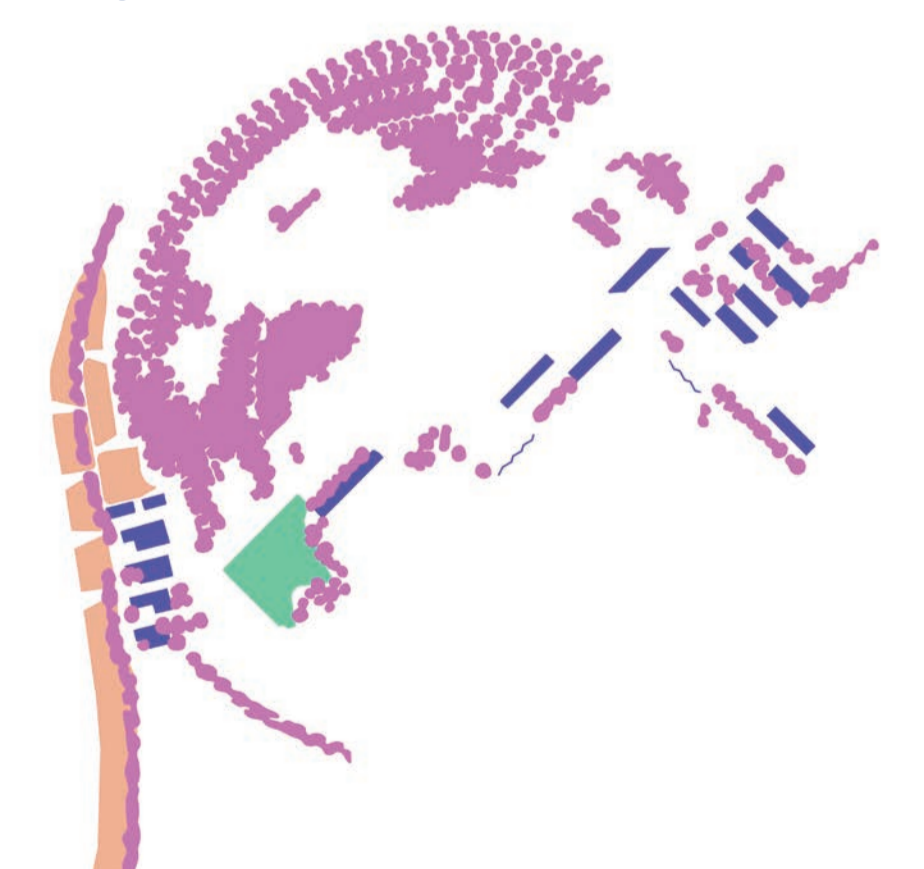
Current situation



Program in day



Program in night



Scale : 1_750

Proposal: New squares, civic and educational landscapes
Vegetation: Current situation

Big pines trees /
poorly managed
grasslands

Platanus well care

young and low pines

Scale : 1_750

Proposal: New squares, civic and educational landscapes
Vegetation: New permeable surfaces

Enhance and add new permeable areas around the intervention zone, where use to be parking lots, asphalt surfaces and uncare gardening areas to create a stepping stones area for the biodiversity by gravel areas, gross sand and soil surfaces

reducing at least 50% of the impervious areas of the intervention area.

Public crops

Public agora

SuDs

Ha-ha

Scale: 1_750

Proposal: New squares, civic and educational landscapes
Vegetation: New trees and shrubs

Circle array to know were plant...


One grid above another, the city plot
and the planting system

Scale : 1_750


Proposal: New squares, civic and educational landscapes

Vegetation: New trees and shrubs

TREES




#	Species	Height
●	Casuarina equisetifolia	12-16 m
Format	Notes	
Rootball	Plant 1 / 1.5 m ²	




#	Species	Height
●	Prunus dulcis	8-12 m
Format	Notes	
Rootball	Plant 1 / 1.5 m ²	




#	Species	Height
●	Acacia dealbata	8-12 m
Format	Notes	
Rootball	Plant 1 / 1.5 m ²	




#	Species	Height
●	Ceratonia siliqua	5-8 m
Format	Notes	
Bareroot	Plant 1 / 0.8 m ²	




#	Species	Height
●	Pinus pinea	5-8 m
Format	Notes	
Rootball	Plant 1 / 0.8 m ²	




#	Species	Height
●	Punica granatum	3-5 m
Format	Notes	
Rootball	Plant 1 / 0.8 m ²	




#	Species	Height
●	Helianthus A.	
Format	Notes	
Seed	Plant 40.000 / 1 ha	



#	Species	Height
●	Triticum	
Format	Notes	
Seed	Plant 40.000 / 1 ha	

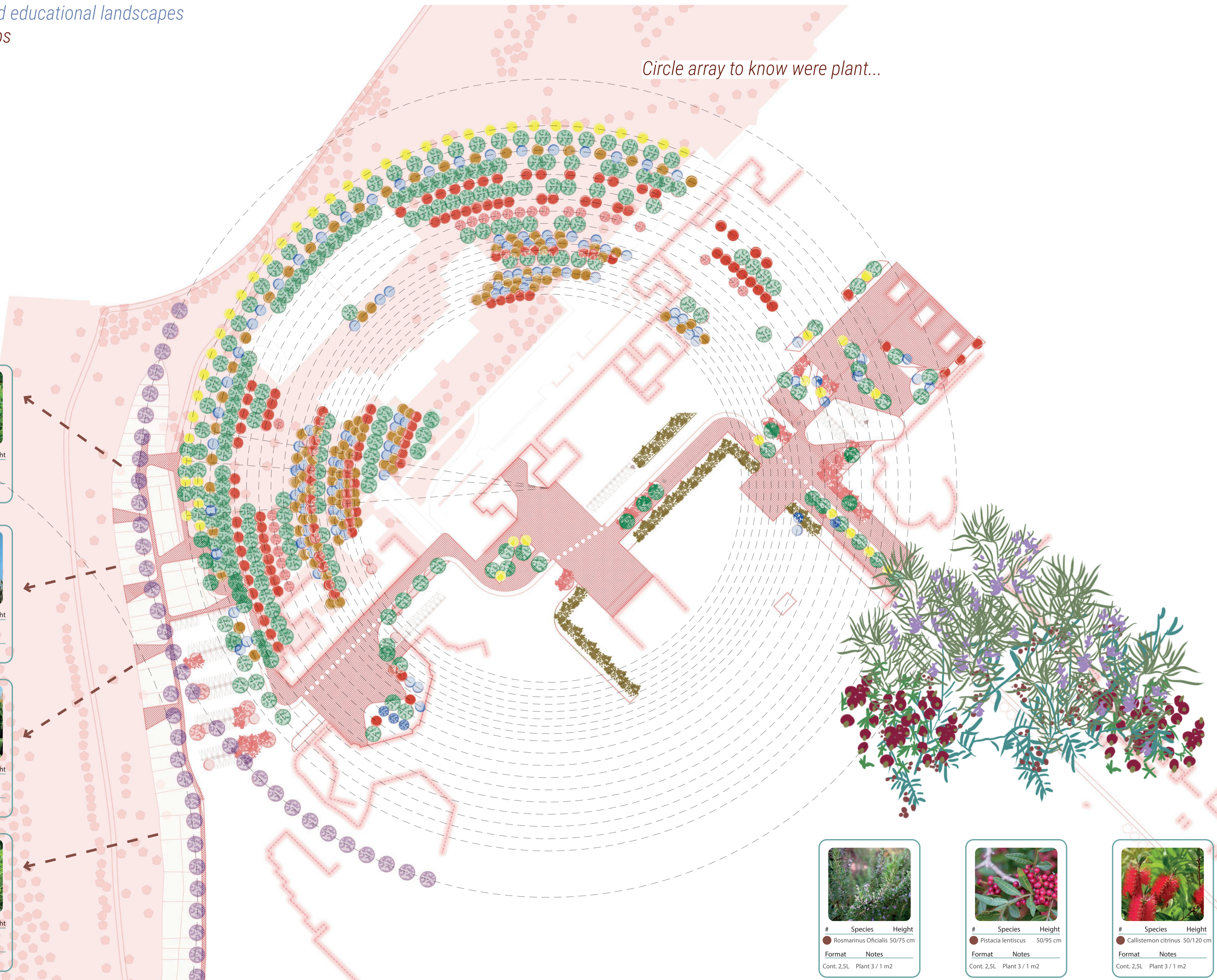



#	Species	Height
●	Zea Mays	
Format	Notes	
Seed	Plant 40.000 / 1 ha	




#	Species	Height
●	Medicago sativa	
Format	Notes	
Seed	Plant 40.000 / 1 ha	


Circle array to know were plant...

#	Species	Height
●	Rosmarinus Officinalis	50/75 cm
Format	Notes	
Cont. 2,5L	Plant 3 / 1 m ²	



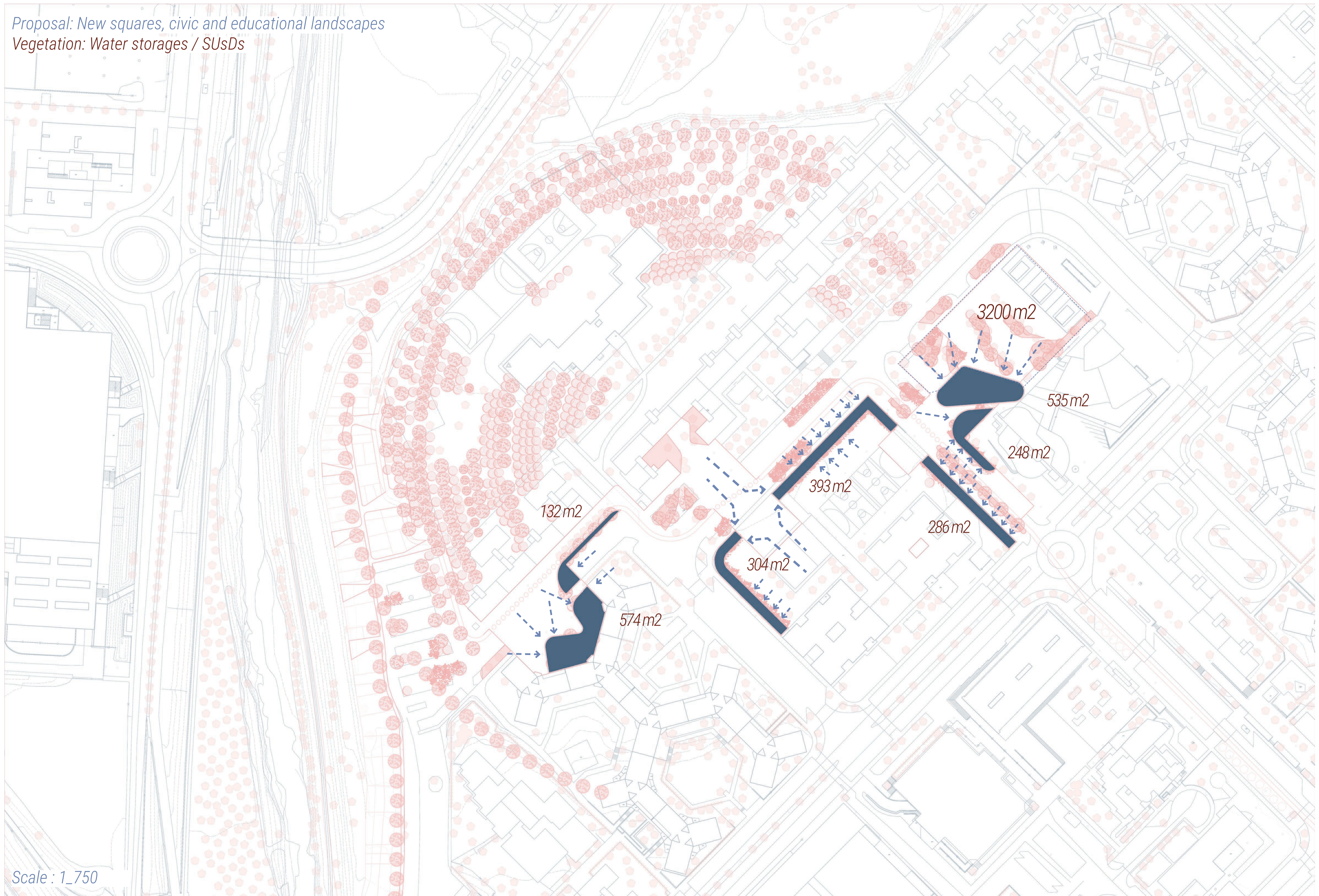
#	Species	Height
●	Pistacia lentiscus	50/95 cm
Format	Notes	
Cont. 2,5L	Plant 3 / 1 m ²	



#	Species	Height
●	Callistemon citrinus	50/120 cm
Format	Notes	
Cont. 2,5L	Plant 3 / 1 m ²	

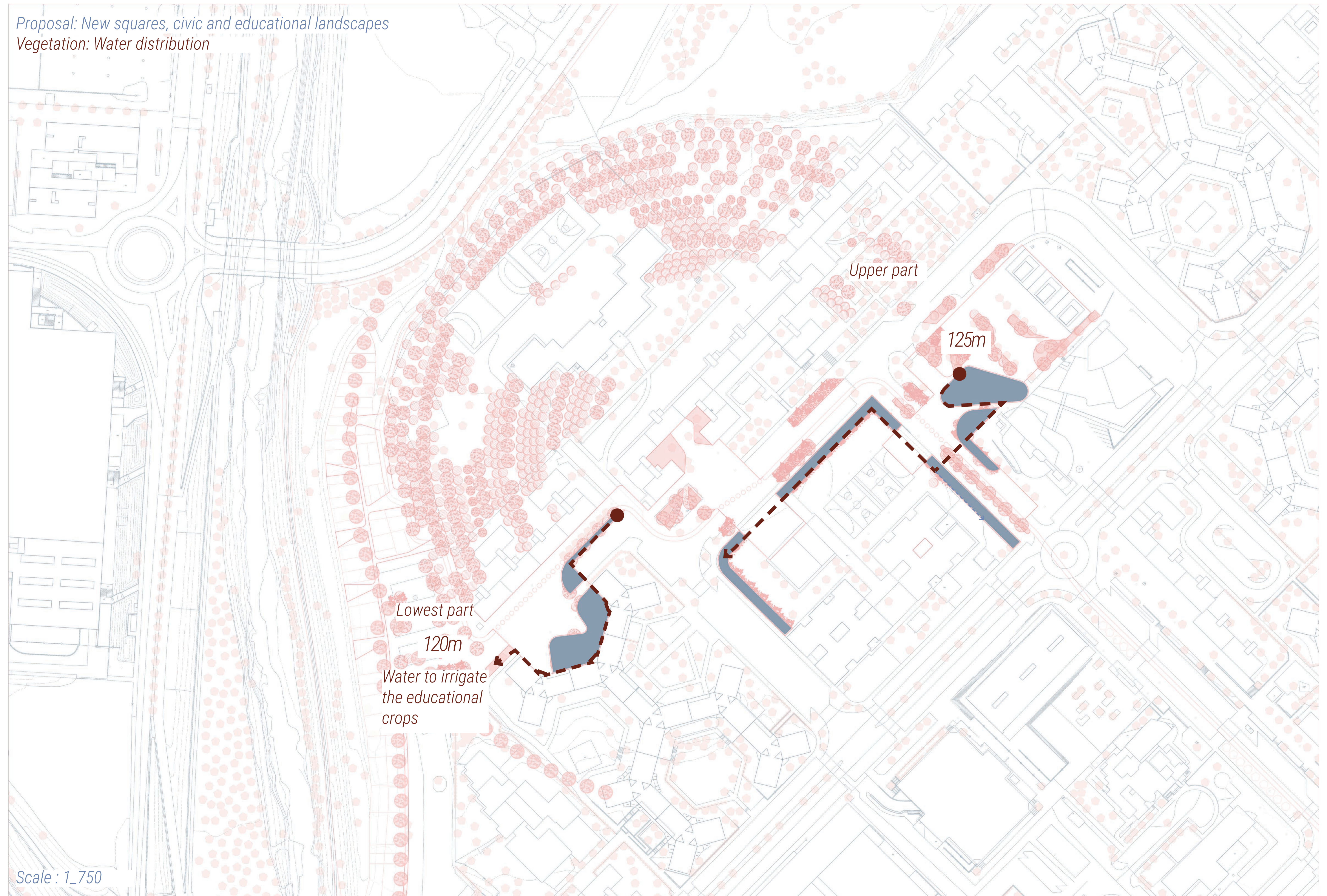
Scale : 1_750

Proposal: New squares, civic and educational landscapes
Vegetation: Water storages / SUsDs



Scale : 1_750

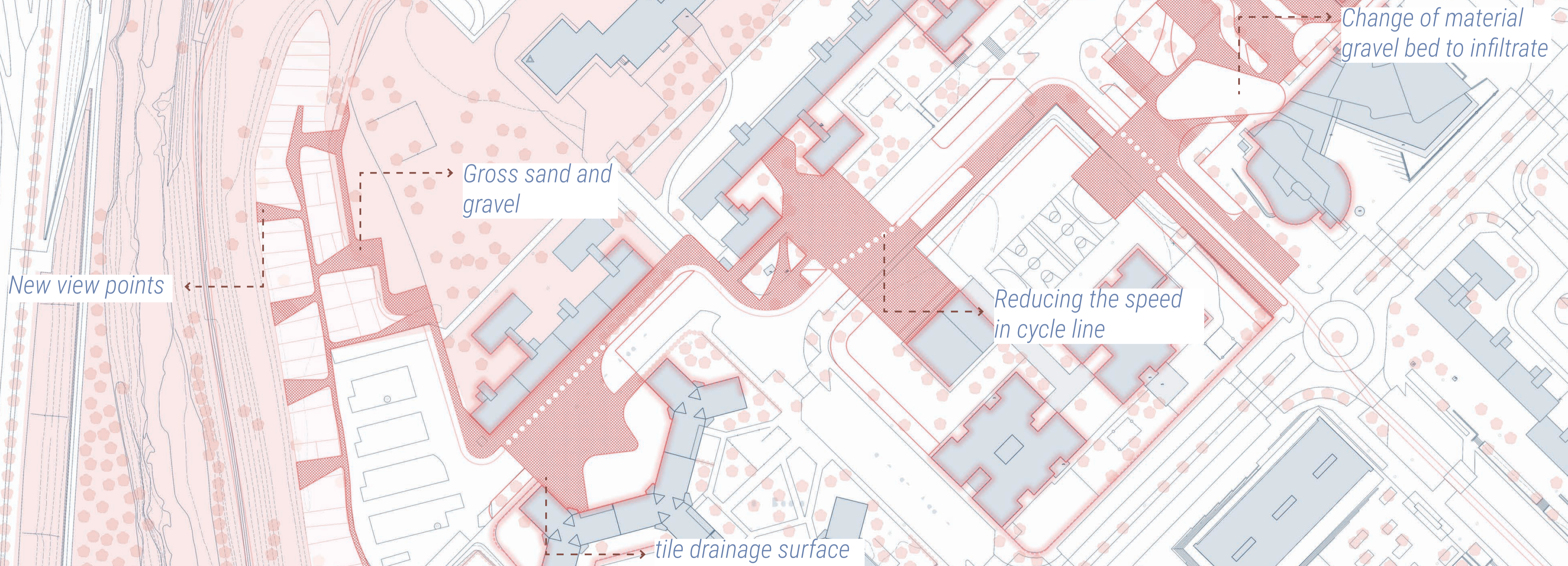
Proposal: New squares, civic and educational landscapes
Vegetation: Water distribution



Scale : 1_750

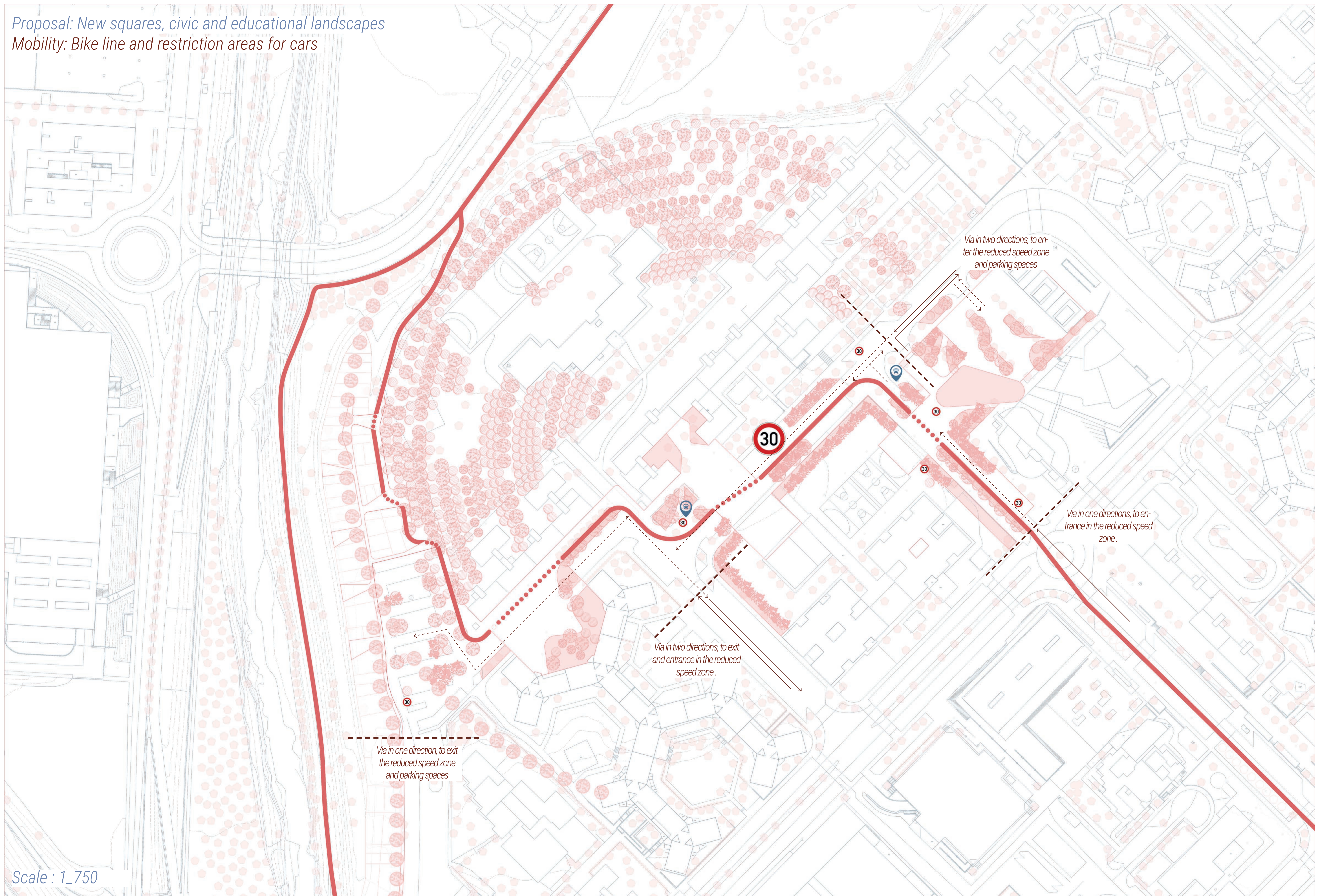
Proposal: New squares, civic and educational landscapes

Mobility: Pedestrian path, unique level



Scale : 1_750

Proposal: New squares, civic and educational landscapes
Mobility: Bike line and restriction areas for cars

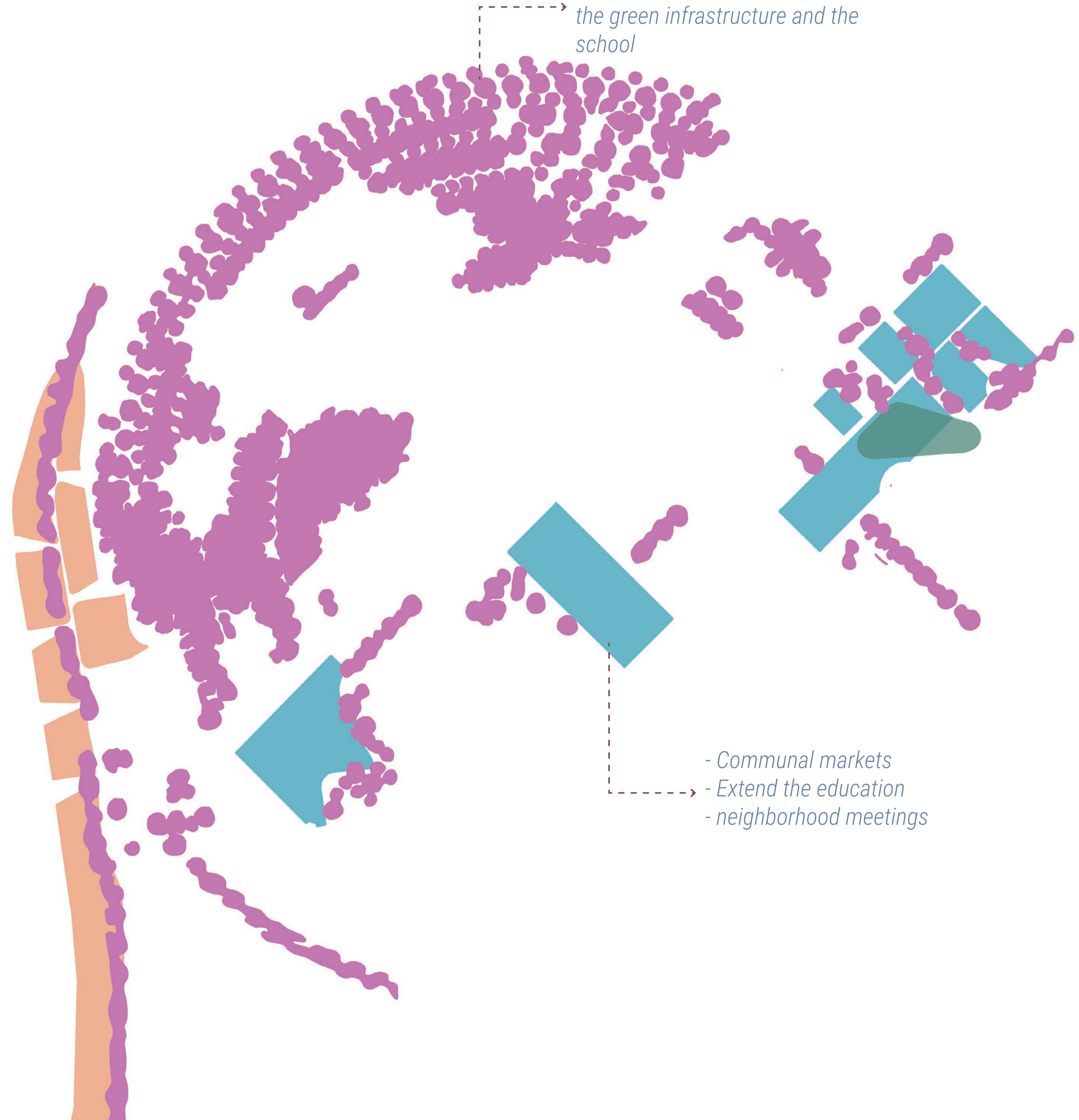


Scale : 1_750

Proposal: New squares, civic and educational landscapes
Program: In day

- Return period protection
- Improve the biodiversity
- Improves the relationship between
the green infrastructure and the
school

- Forest
- EducationalCrops
- Civic squares
- Outdoor auditorium



- Communal markets
- Extend the education
- neighborhood meetings

Scale : 1_750



Scale : 1_750

Proposal: New squares, civic and educational landscapes

New permeable surfaces : 1.560 m²

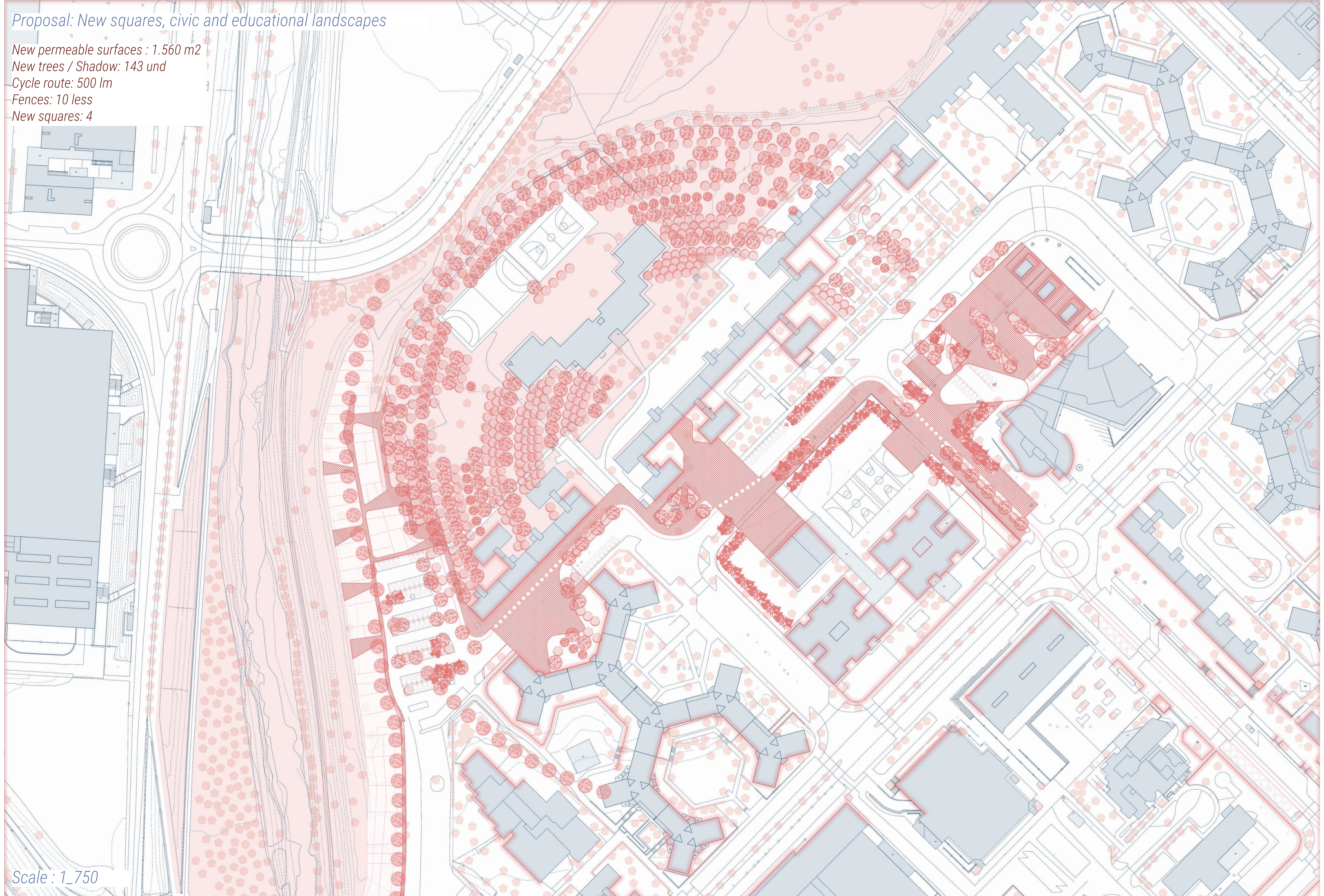
New trees / Shadow: 143 und

Cycle route: 500 lm

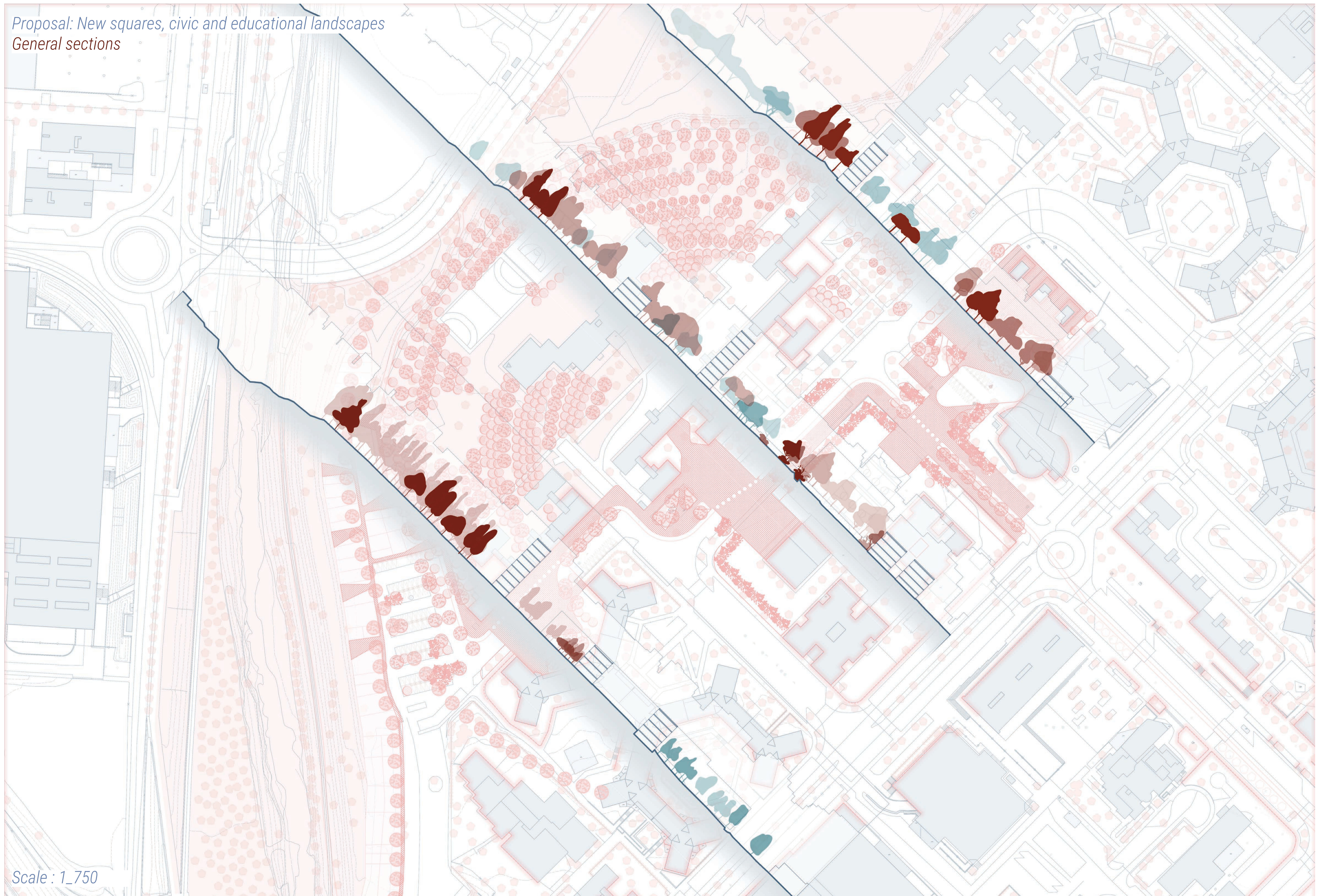
Fences: 10 less

New squares: 4

Scale : 1_750

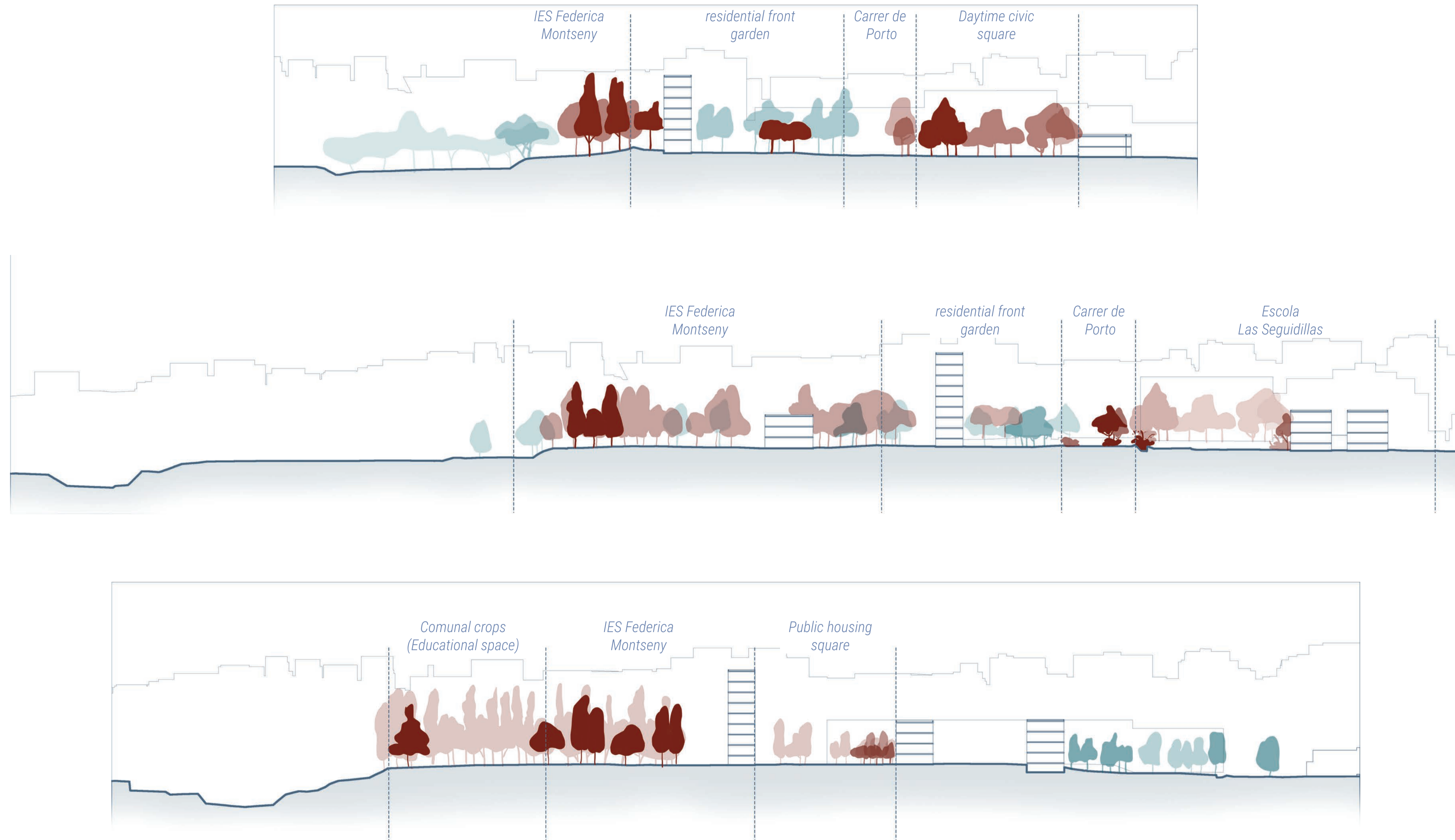


Proposal: New squares, civic and educational landscapes
General sections



Scale : 1_750

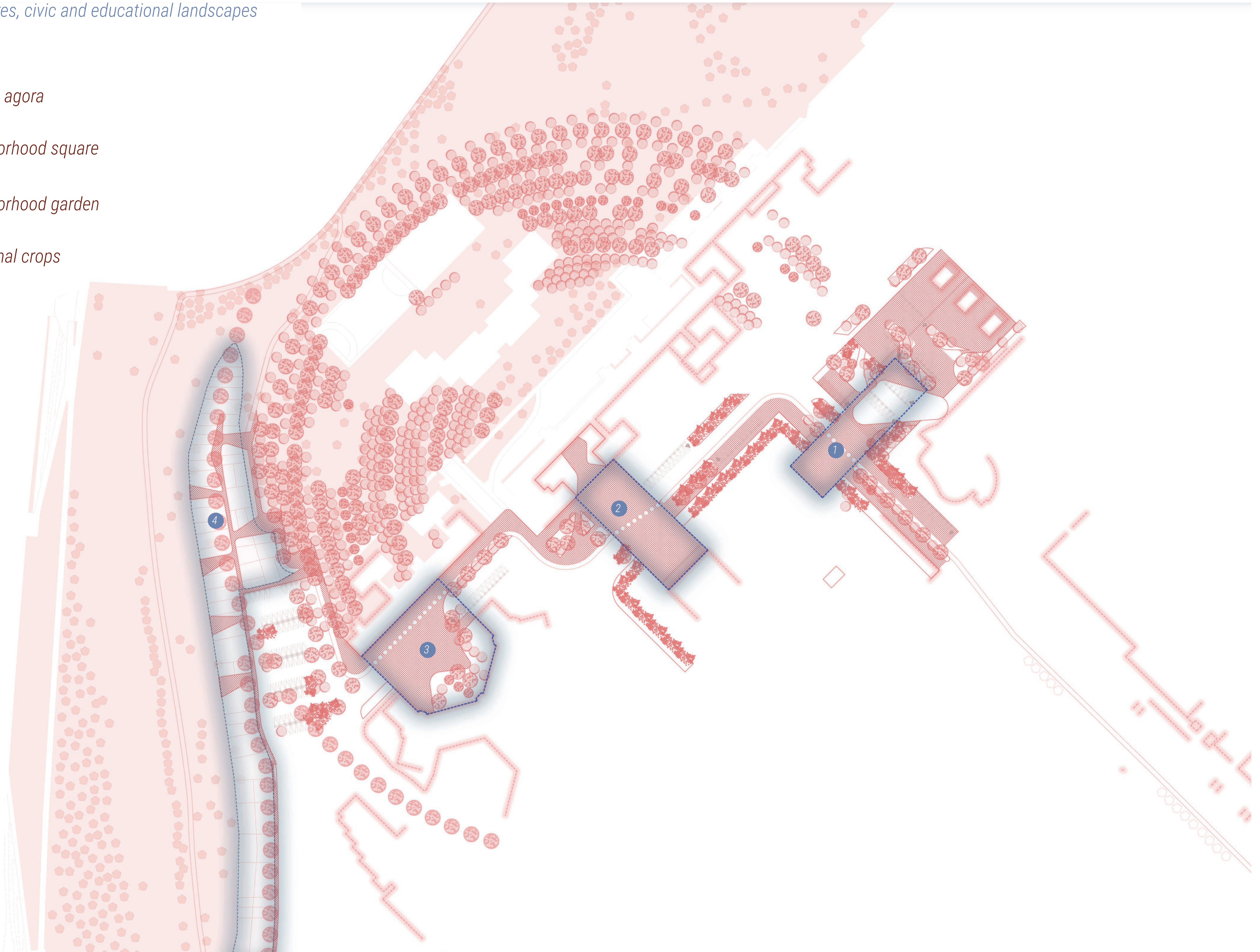
Proposal: New squares, civic and educational landscapes
General sections



Scale : 1_750

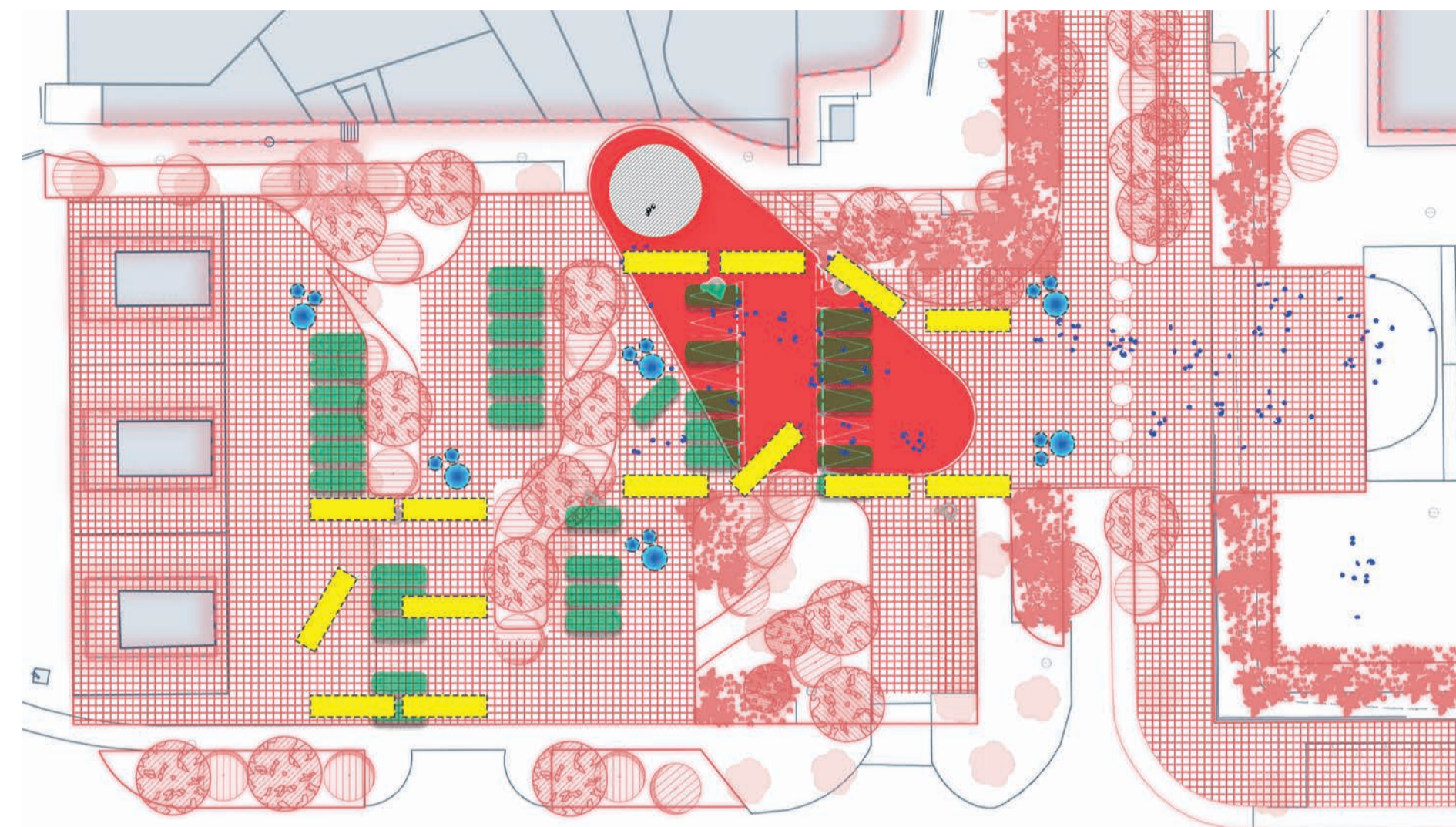
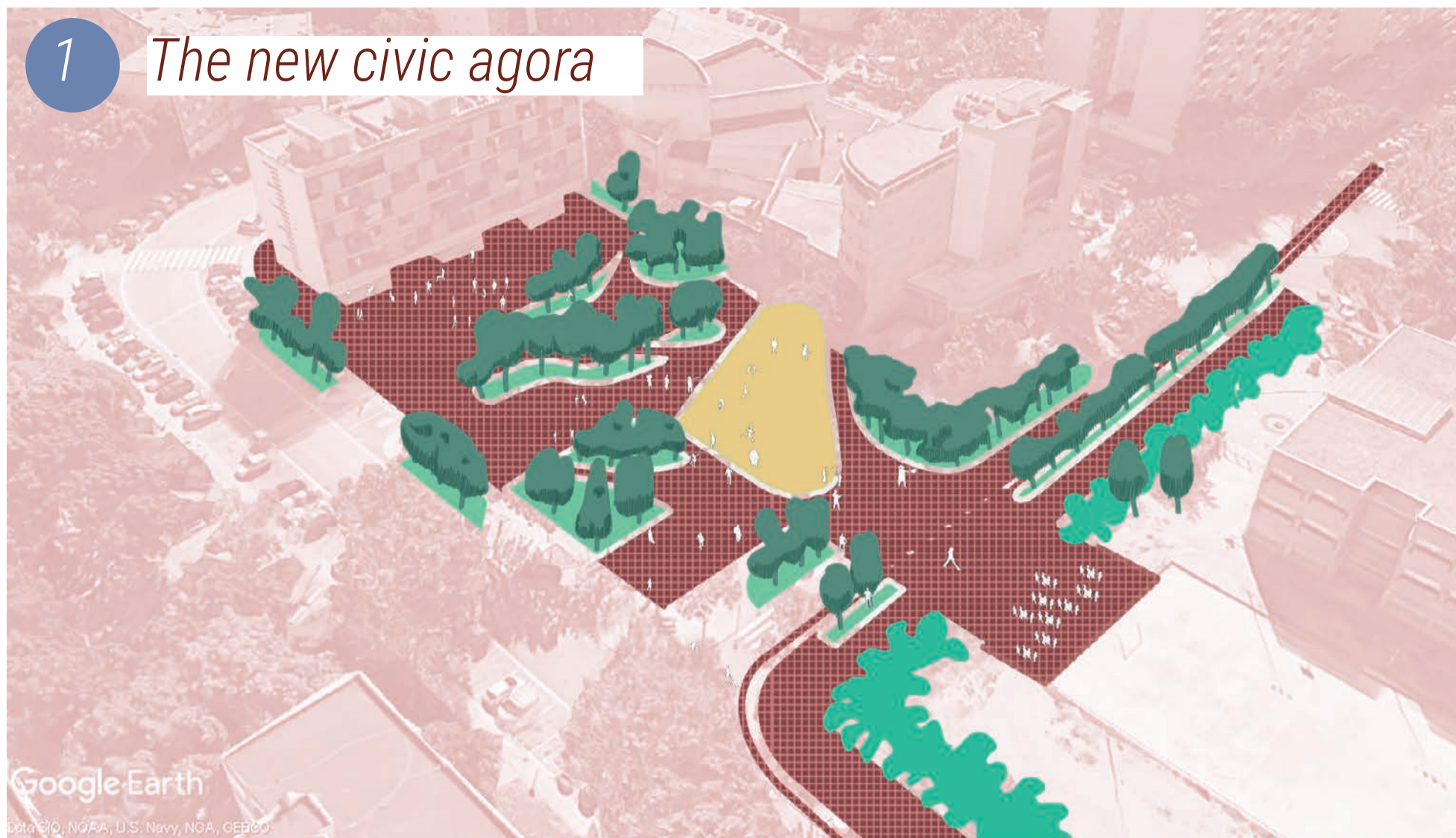
The squares

- 1 The new civic agora
- 2 The neighborhood square
- 3 The neighborhood garden
- 4 The educational crops

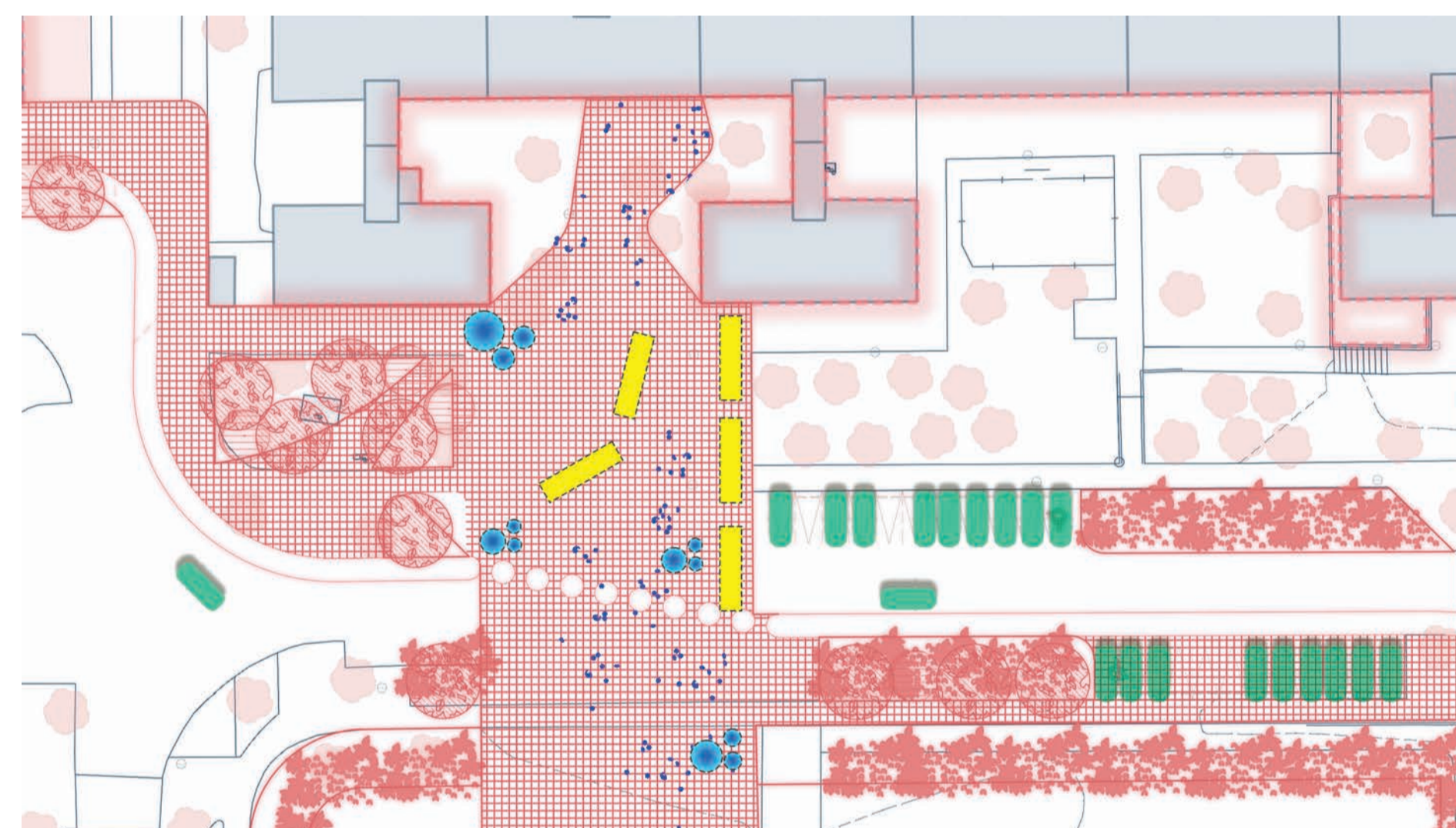
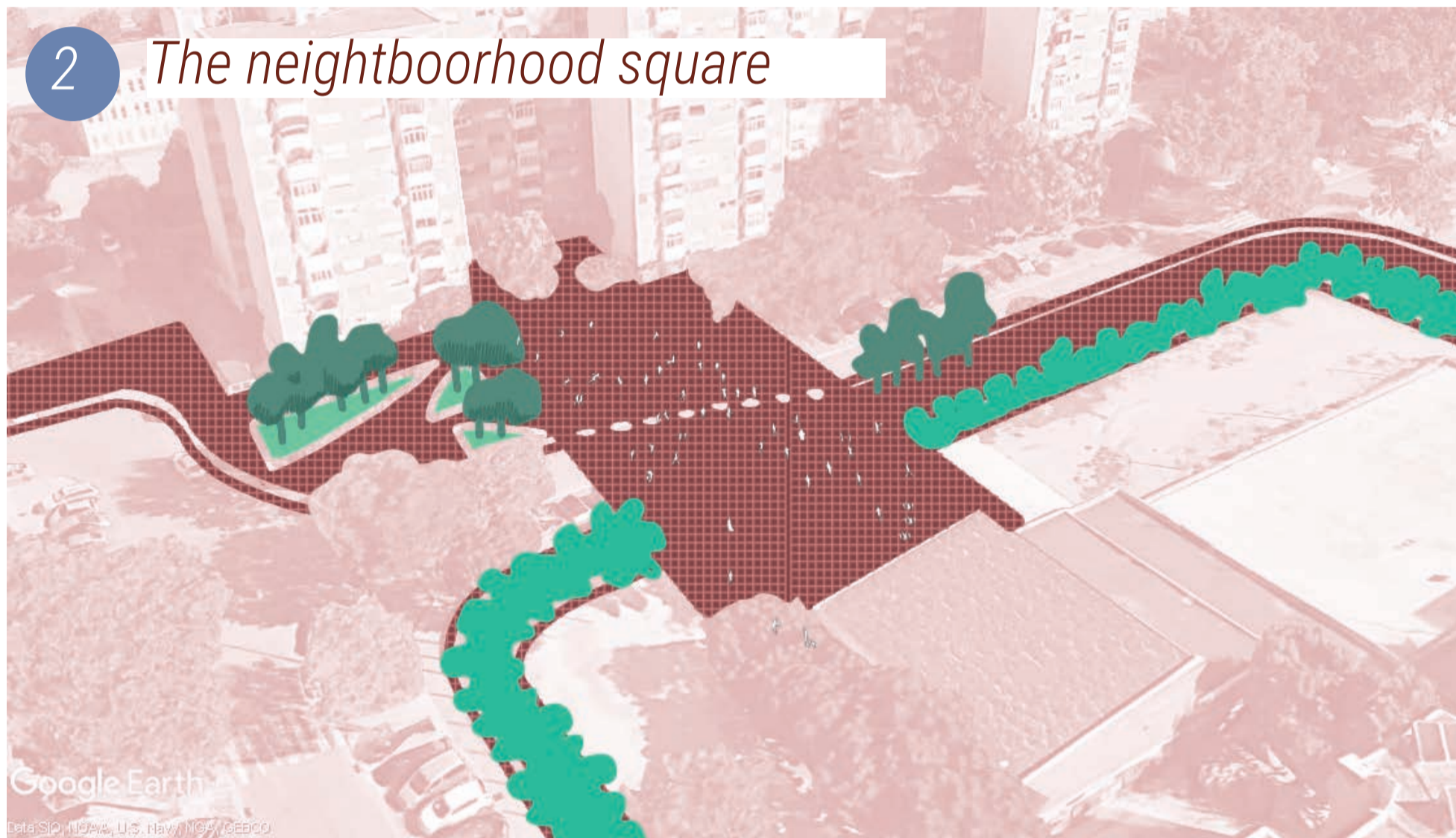
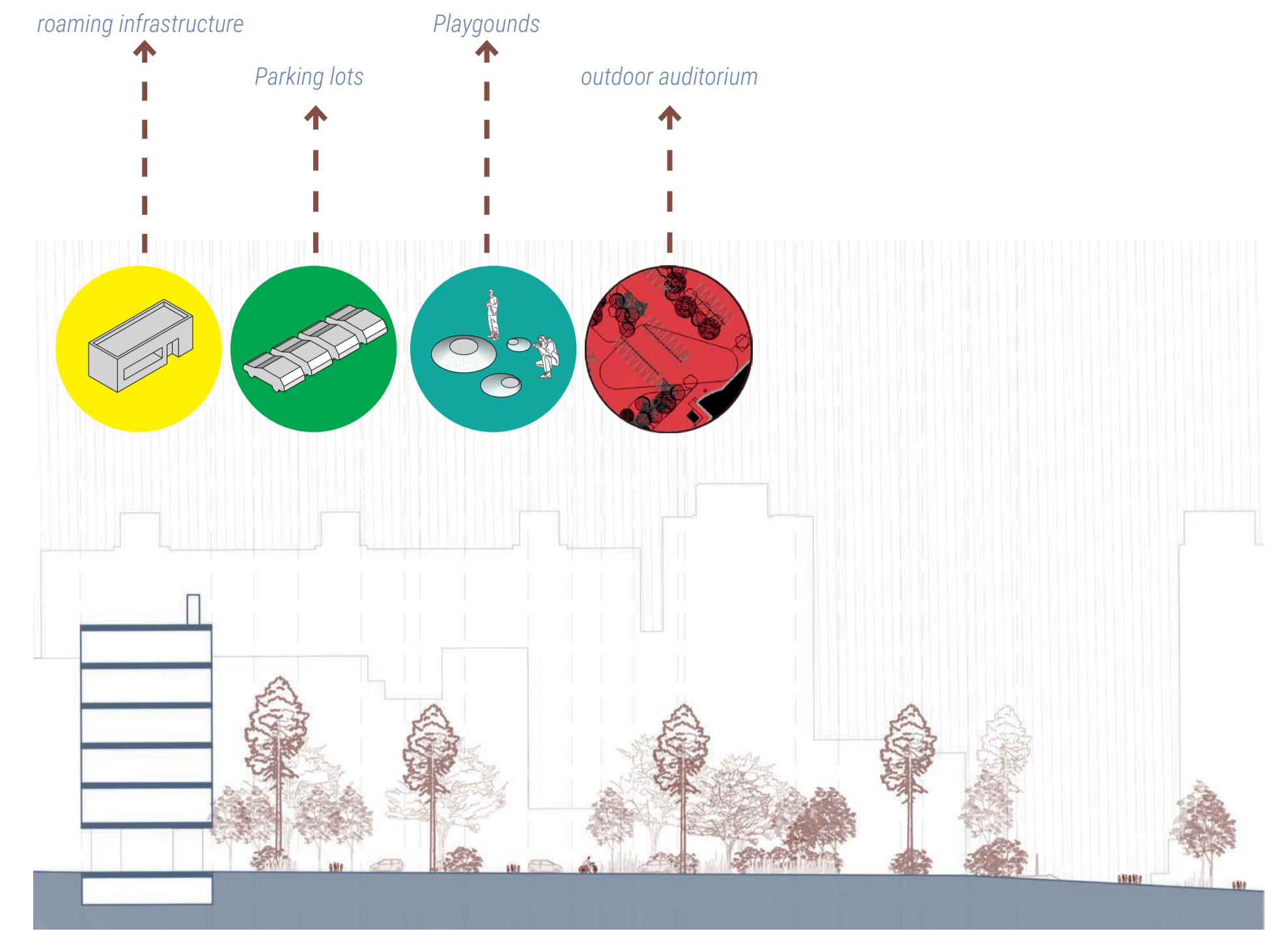


Scale : 1_750

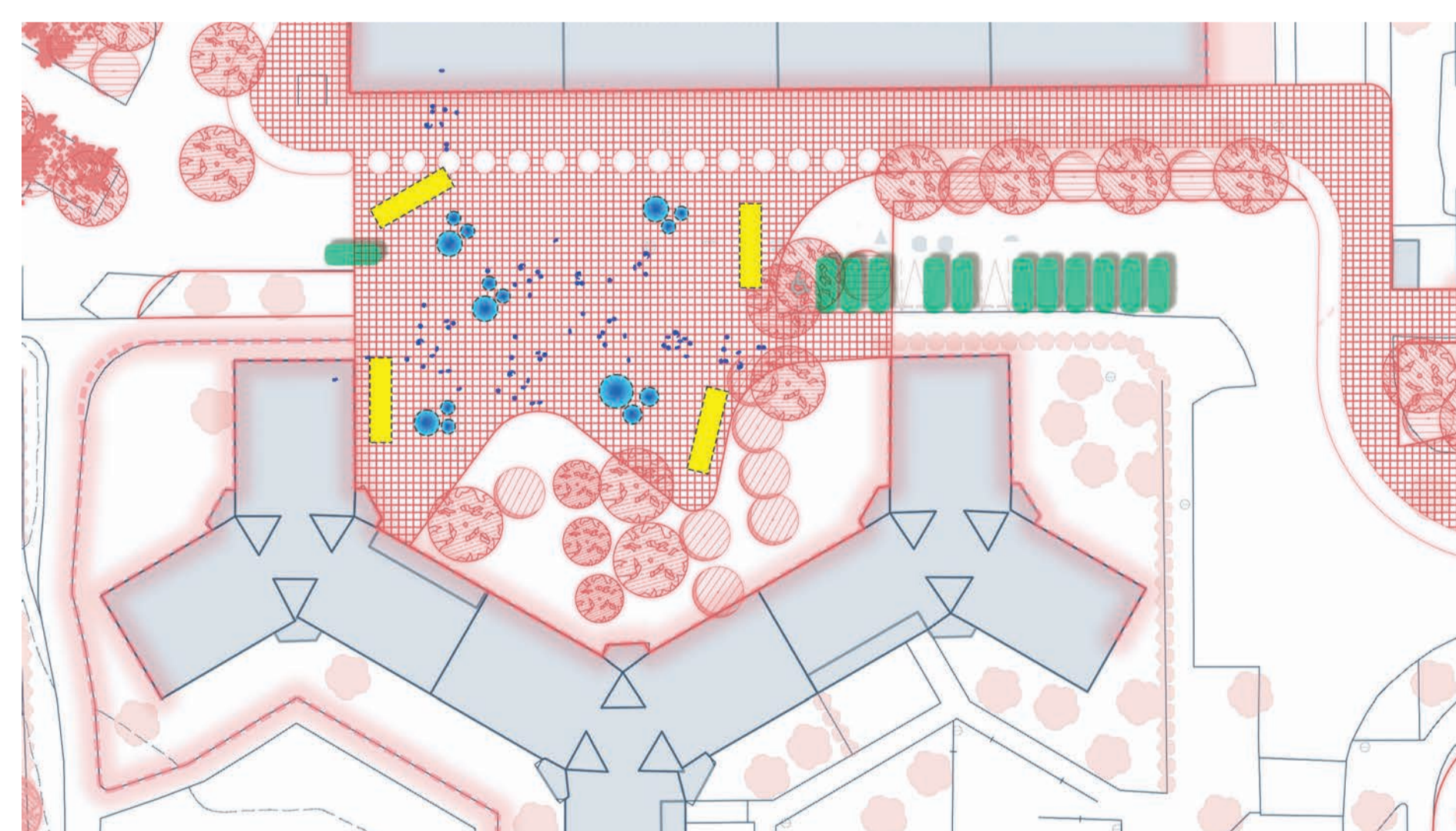
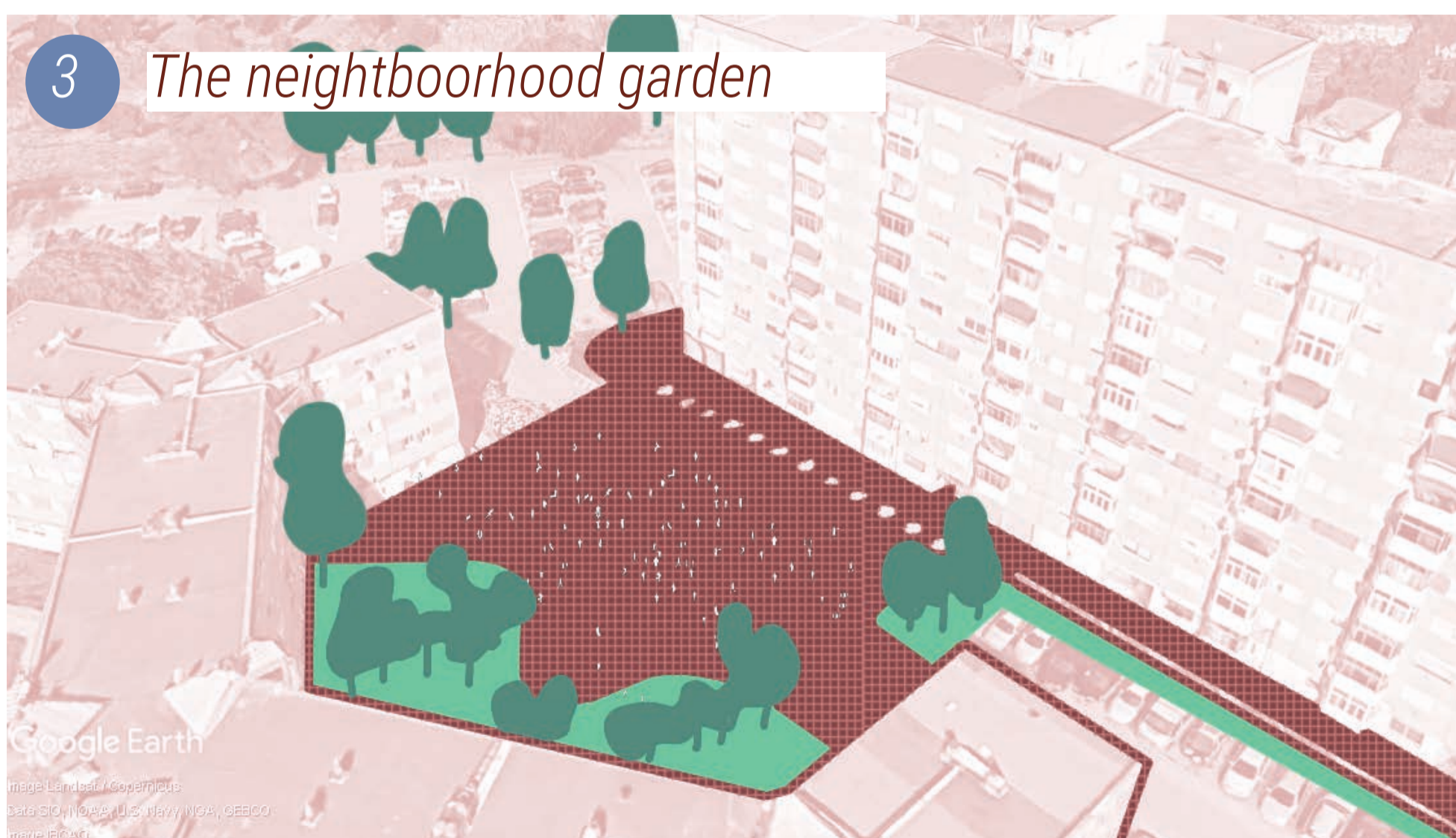
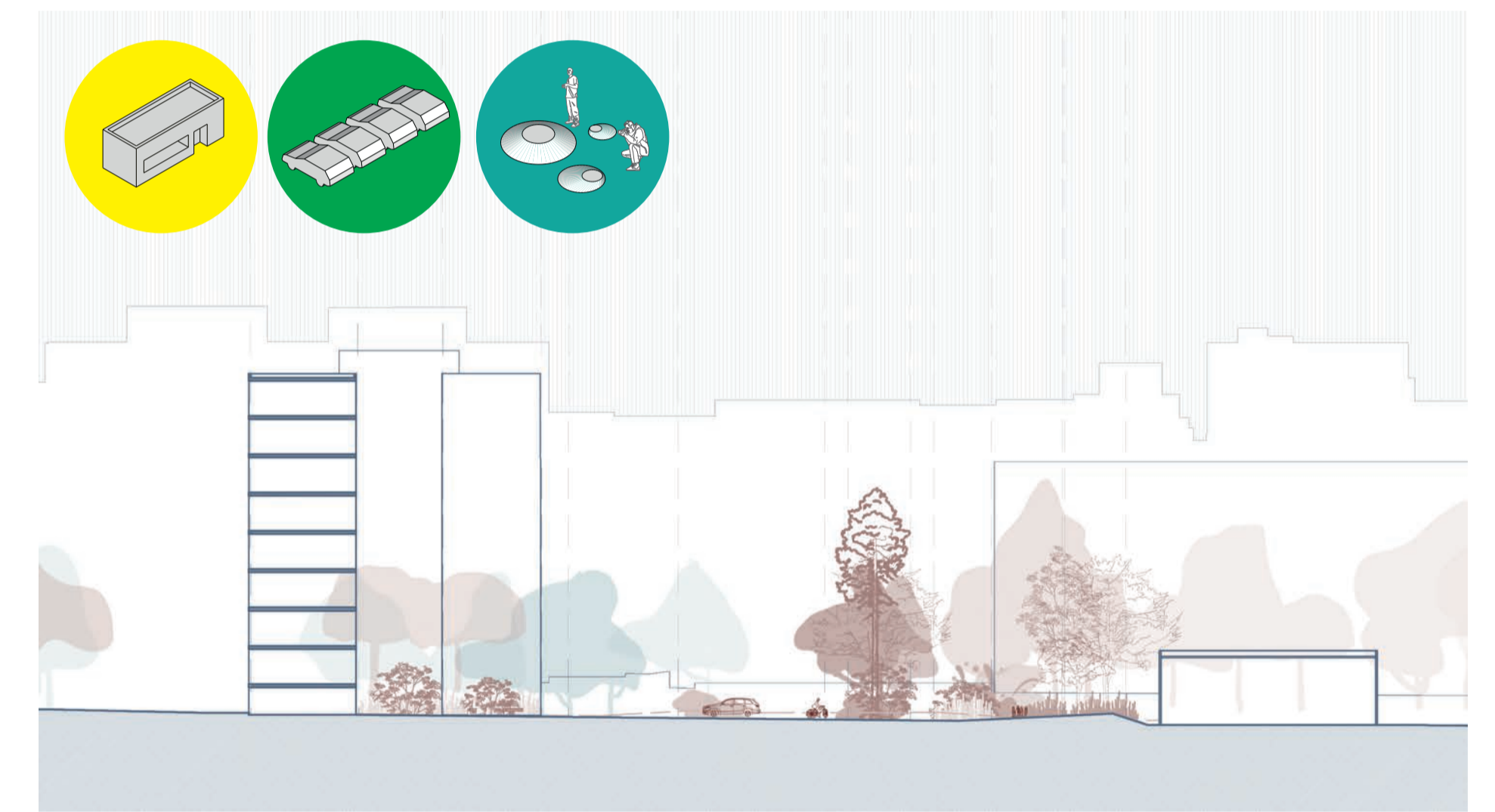
Proposal: New squares, civic and educational landscapes
The squares



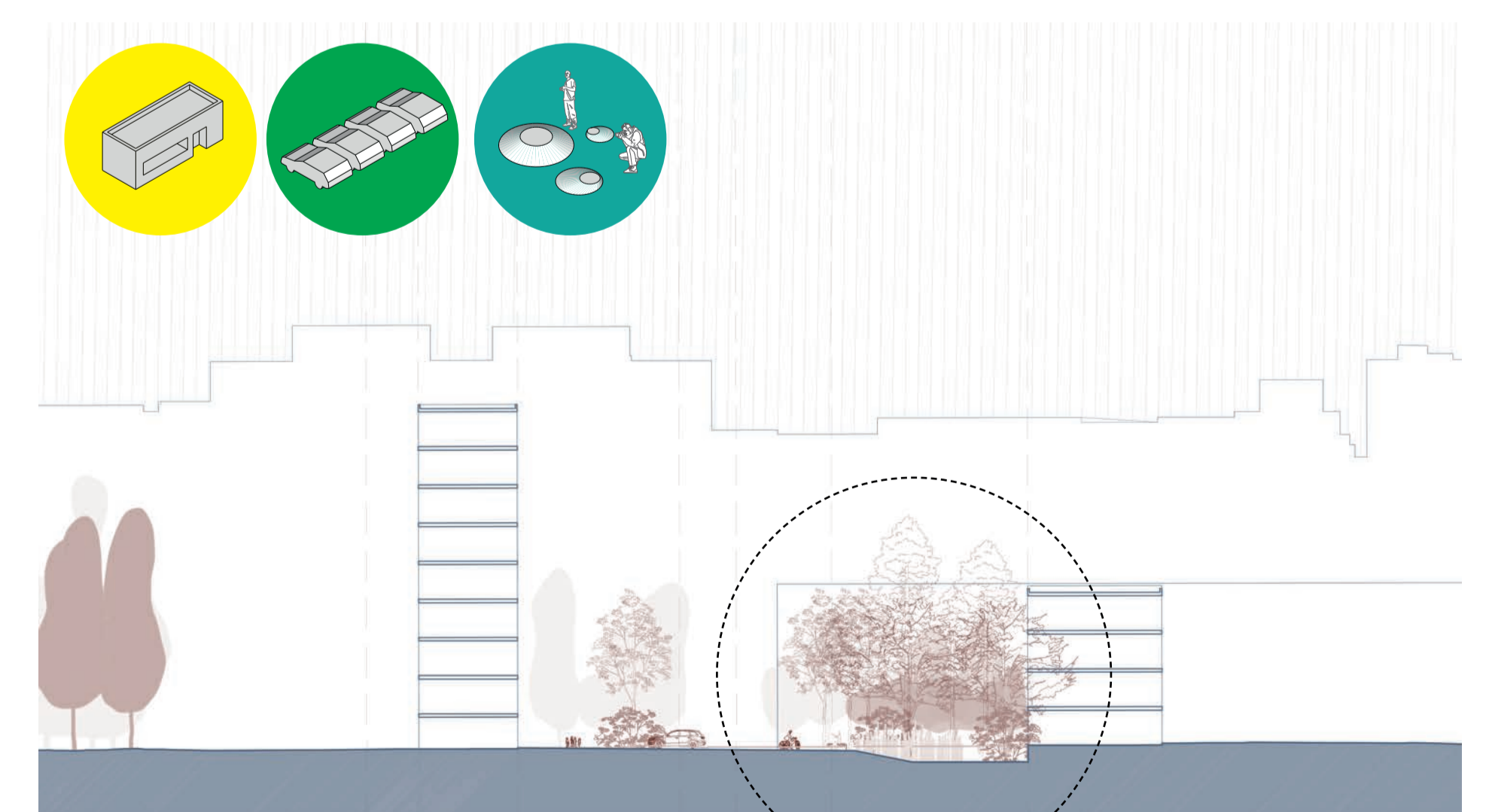
Scale : 1_500



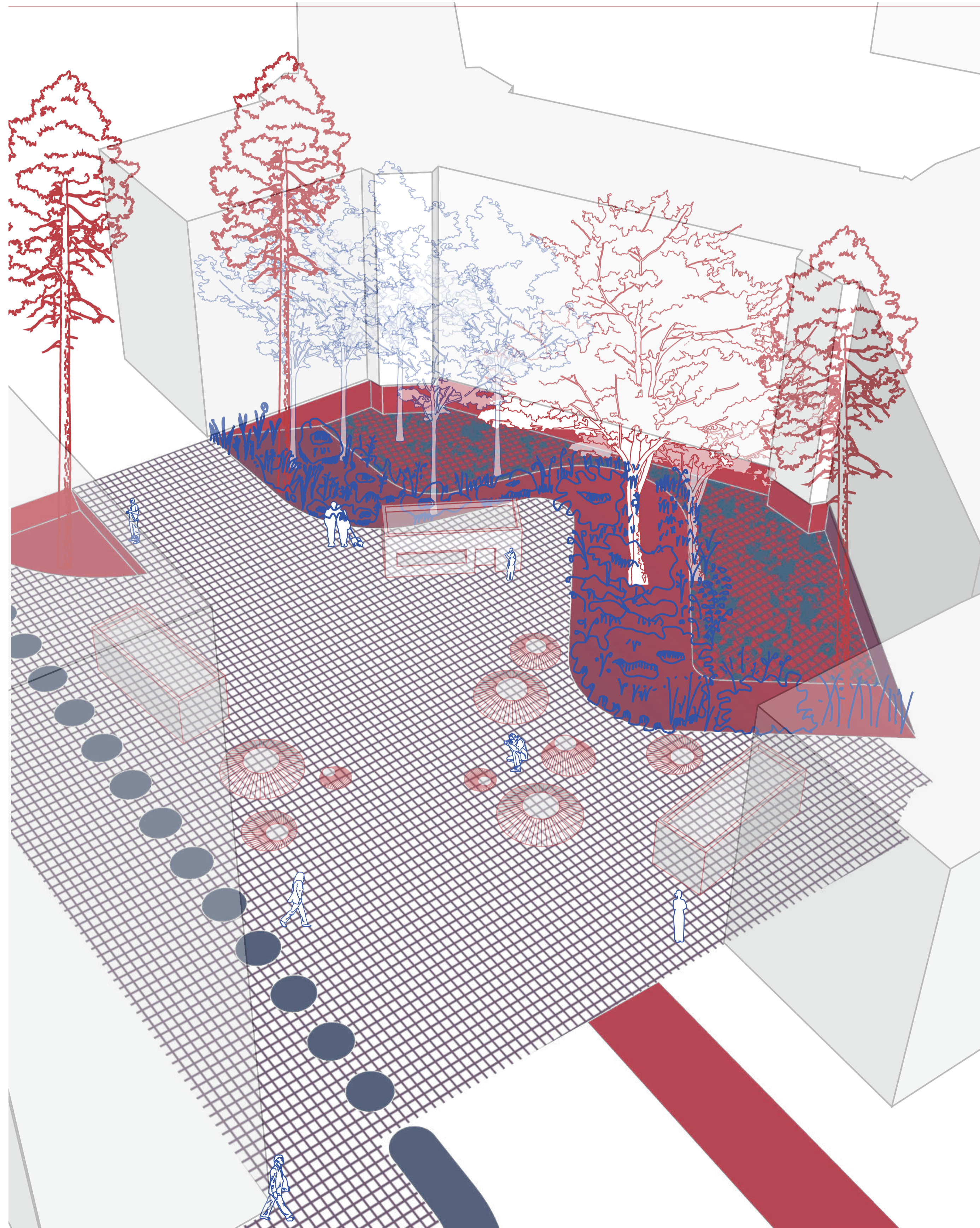
Scale : 1_500



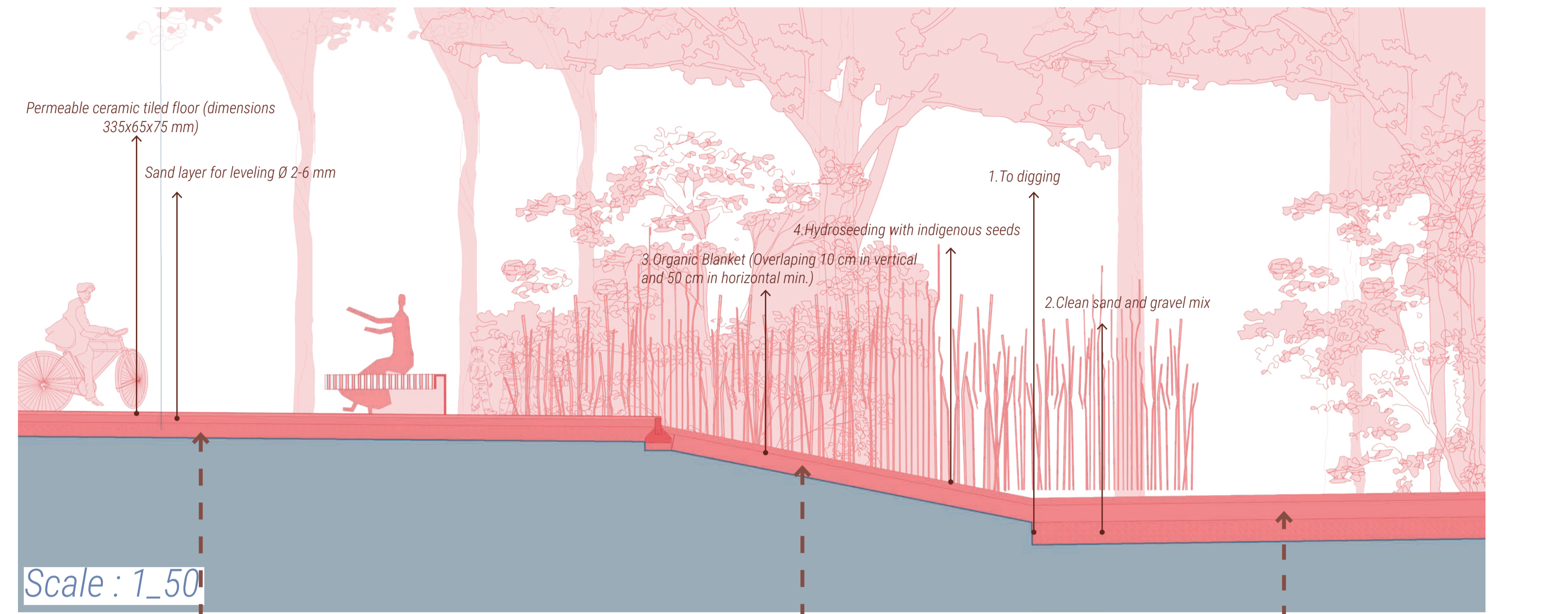
Scale : 1_500



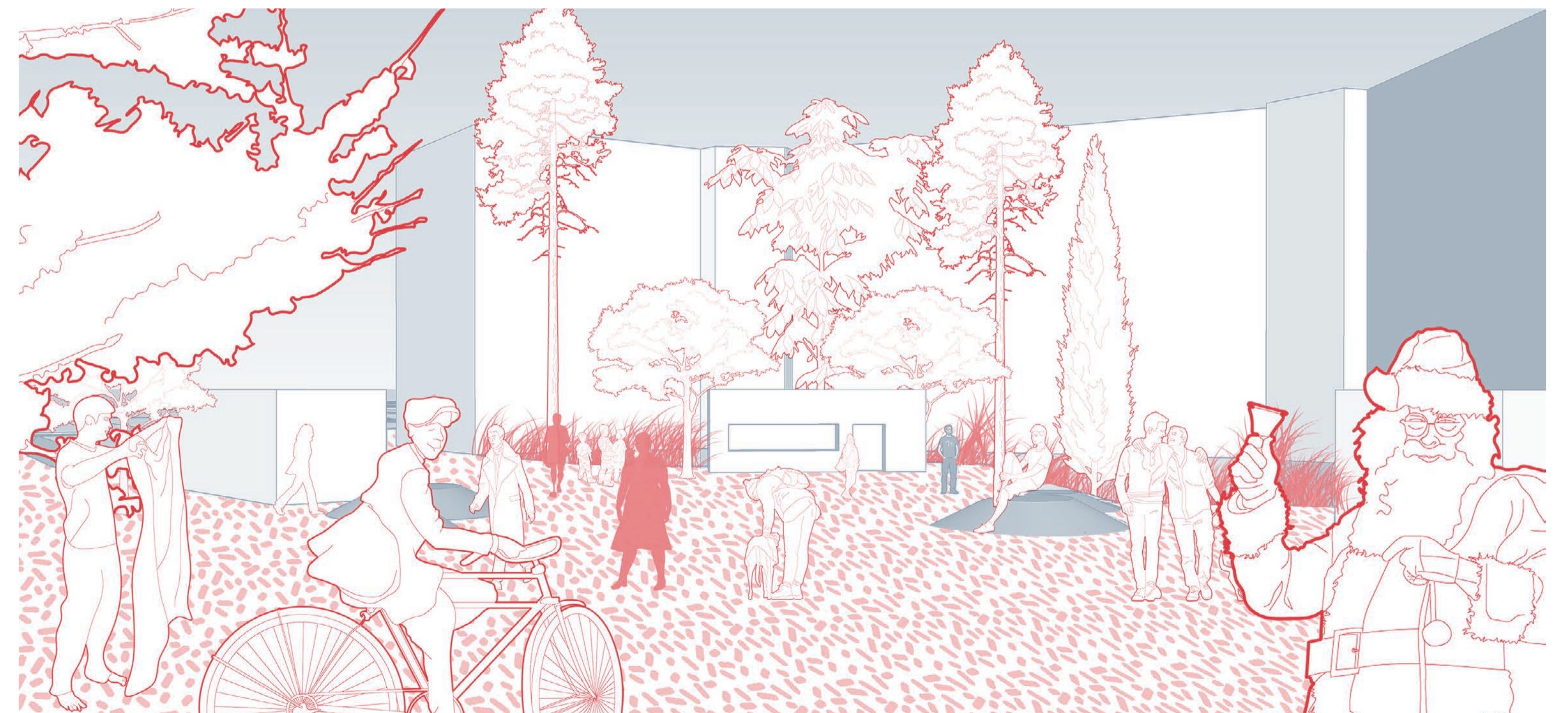
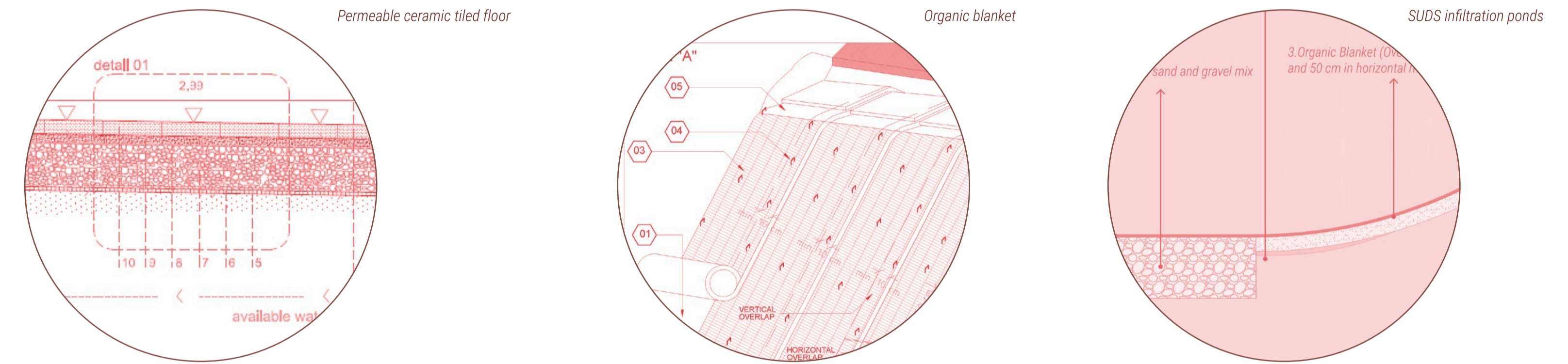
Proposal: New squares, civic and educational landscapes
The neighborhood garden

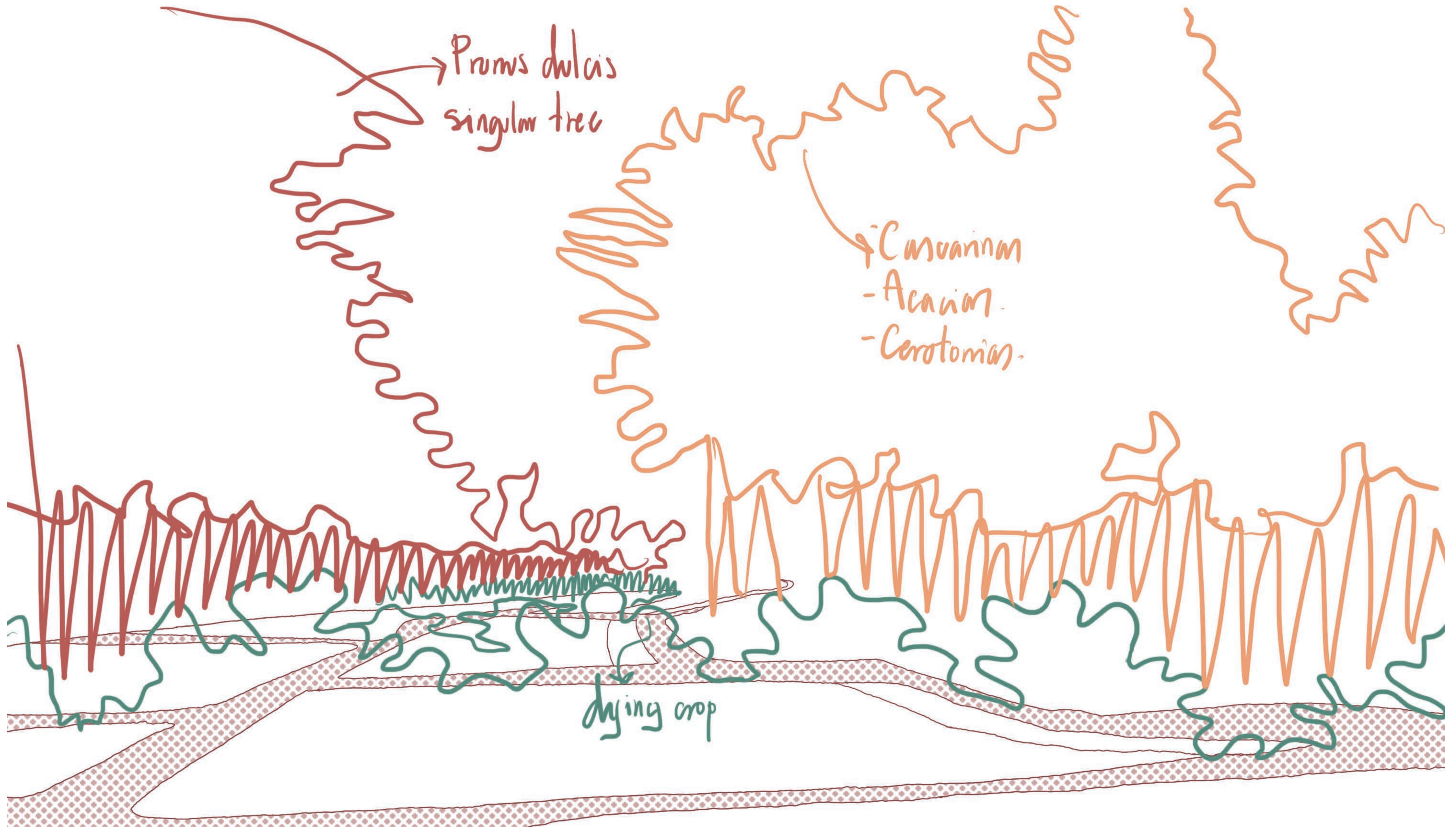


Scale : 1_750



Scale : 1_50





Scale : 1_750



Scale : 1_750