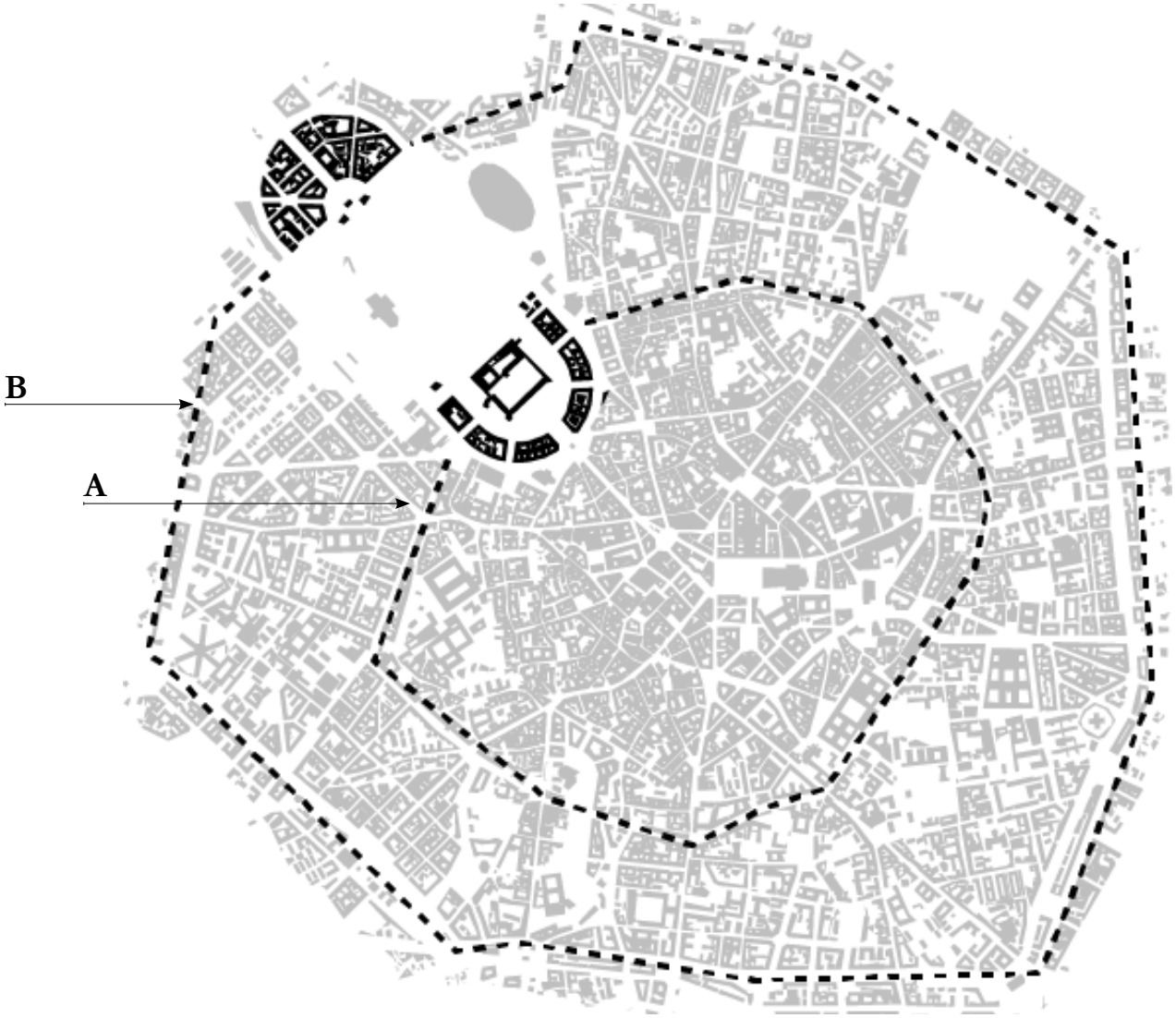
I

I SETTE SCALI FERROVIARI
A repetitive pattern surrounding Milano

The city of Milan is historically characterized by a series of fortifications that framed the city during the different empire and dominations. Initially as part of the Roman empire and later, under the Spanish dominion, you can see the fragments of the walls as you move throw the city. The same remissness are not left behind by the ring of infrastructural railing which surrounds the city.

...Once again trying to expand out of its 'boundaries'

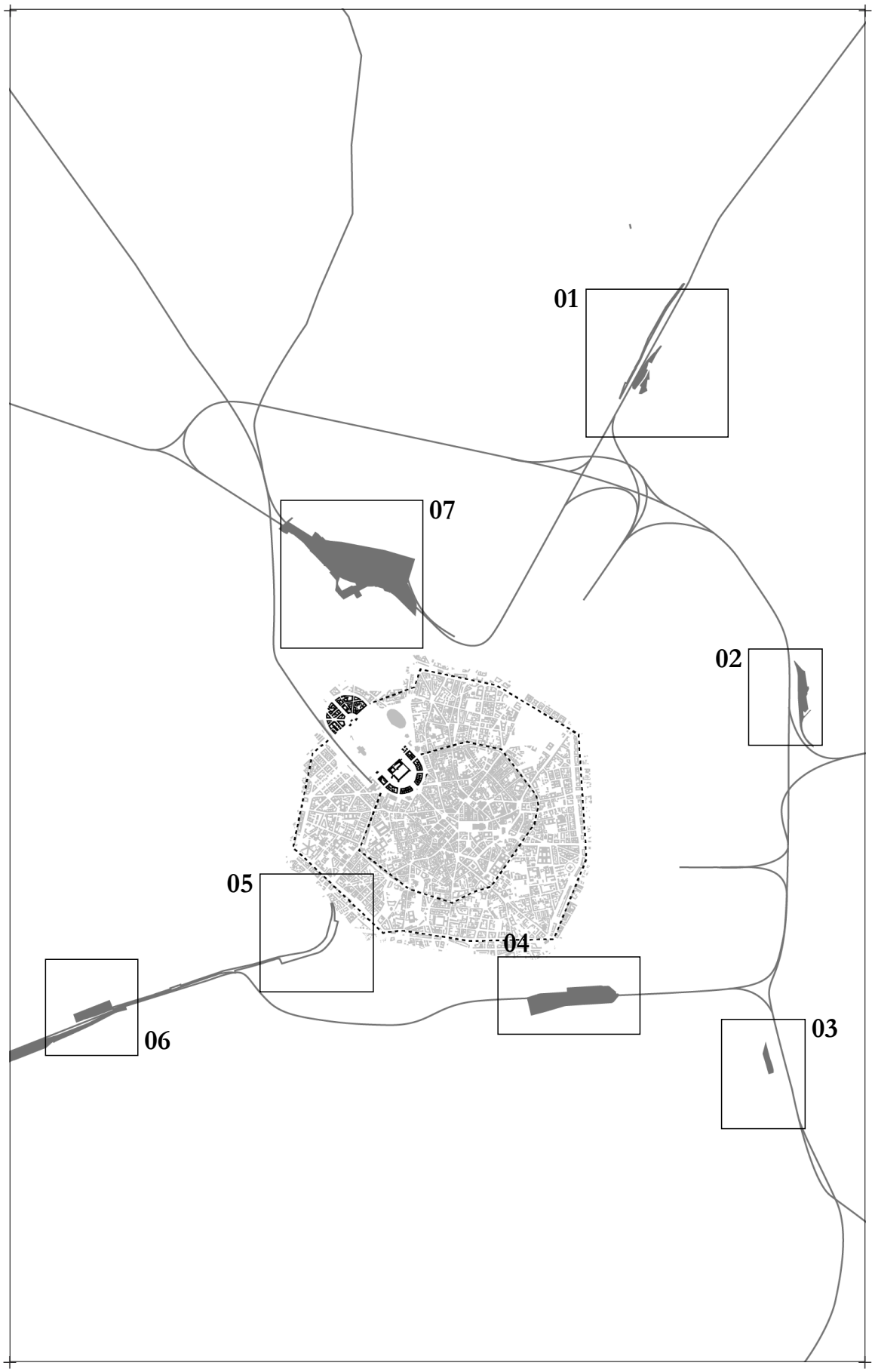


A repetitive Pattern

A Roman Wall & **B** Spanish wall

The Seven Scali of Milan.

01 Greco
02 Lambrate
03 **Rogoredo**
04 Porta Romana
05 Porta Genova
06 San Cristoforo
07 Farini

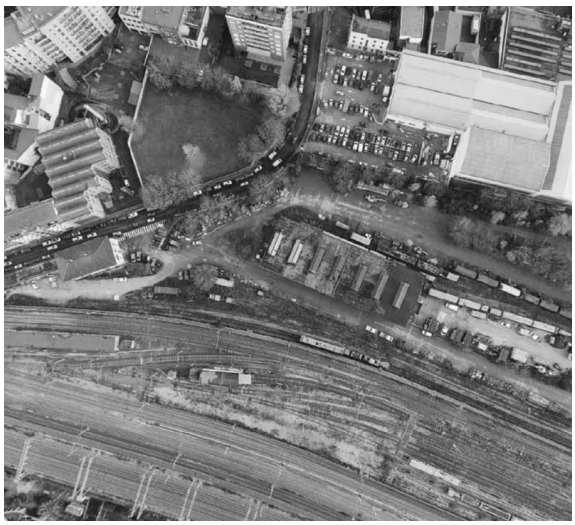


Map of the Railing system of the city of Milan and its 7 dismissed railing terminals

07

01

06



02

04

05

03

Aerial view of Scalo Rogoredo

II

LIFE AROUND THE NODE

Analysis of the different neighborhoods surrounding the Scalo

A

Scalo Ferrofiario Rogoredo is one of the Seven railing nodes that compose this infrastructural ring surrounding surround the city of Milan. One of the recent goals of the local municipality is to transform these series of outdated infrastructural voids into new valuable and highly connected public spaces that will unlock the growth and the porosity of the constantly growing city.

A

Scalo Ferroviarion Rogoredo Site plan.
Scale 1 : 5000

a
b
c
d

a Metro station Porto di mare

b Highway to Linate Airport

c Scalo Ferroviario

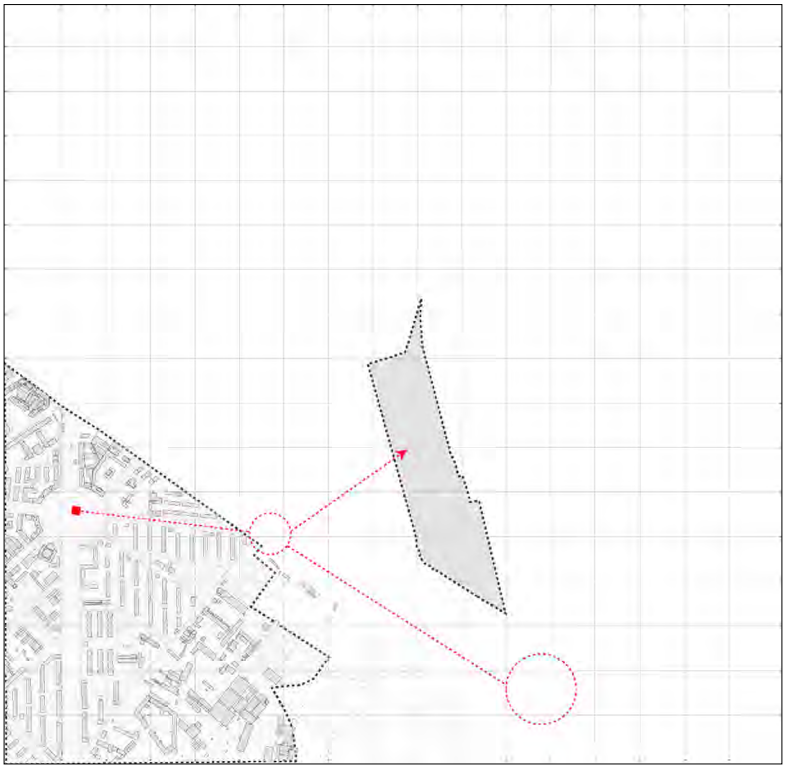
d Rogoredo HS station node

The Scalo Rogoredo responds to a much wider area than just its immediate surrounding. Its location puts it at the crossover of three neighborhoods.

e St. Giulia
f Rogoredo
g Mazzini

Scalo Rogoredo - A crossover of three outskirt neighborhoods.

g



e

g
Quartiere Mazzini.
Located on the South West side of the Scalo.

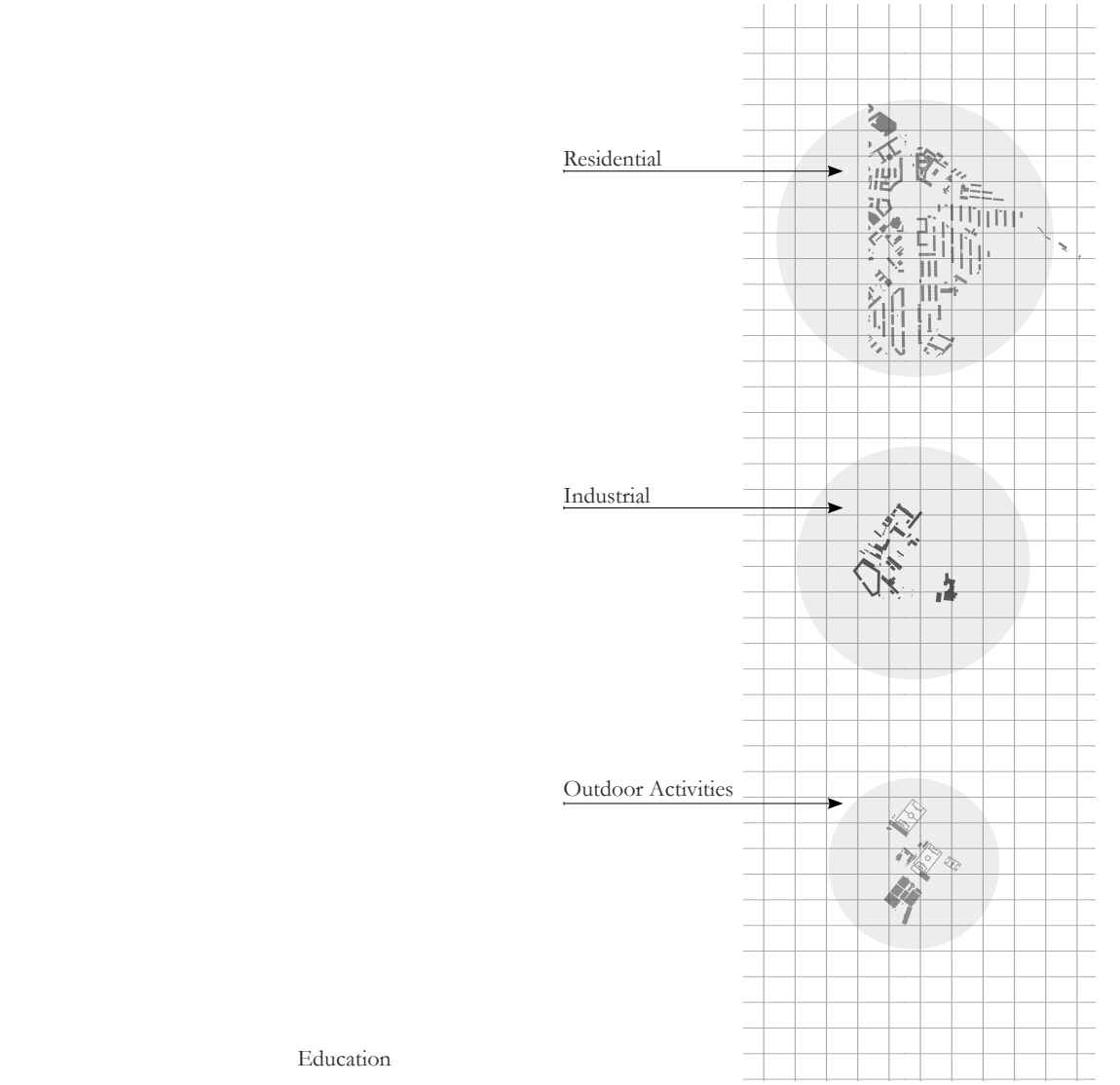
e
Quartiere Santa Giulia .
Located on the South / East side of the Scalo.

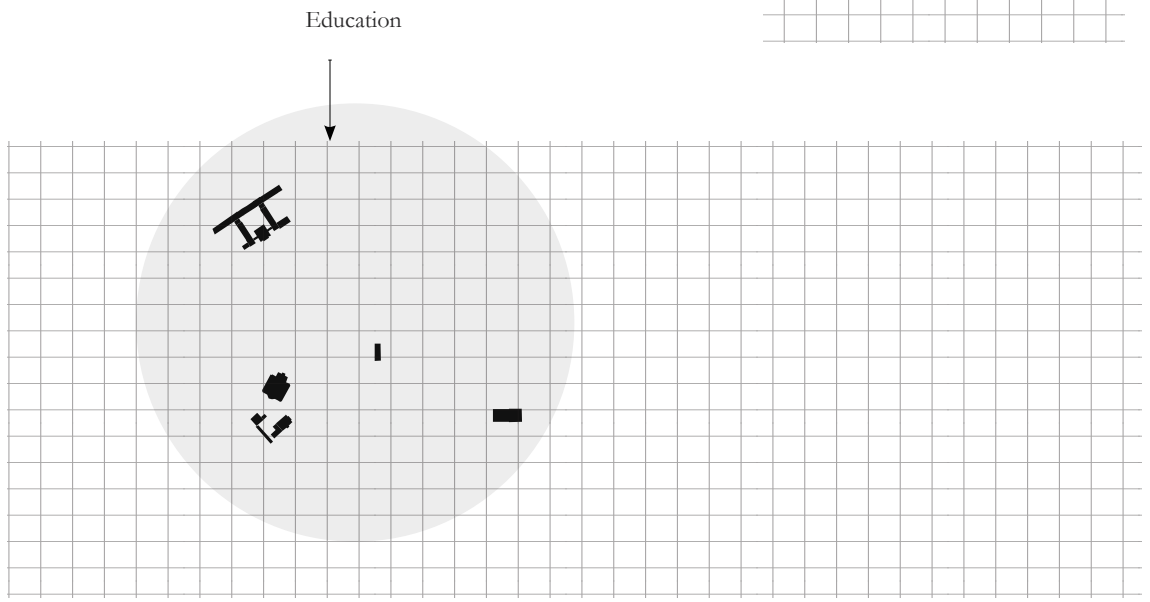
Quartiere Rogoredo .
Adjacent to the West side of the Scalo.

The Neighborhood of Mazzini is characterized by a high density of residential blocks. There is great presence of outdoor parks and playgrounds, and educational buildings.

However, the area lacks of amenities and public spaces that relate to culture and entertainment.

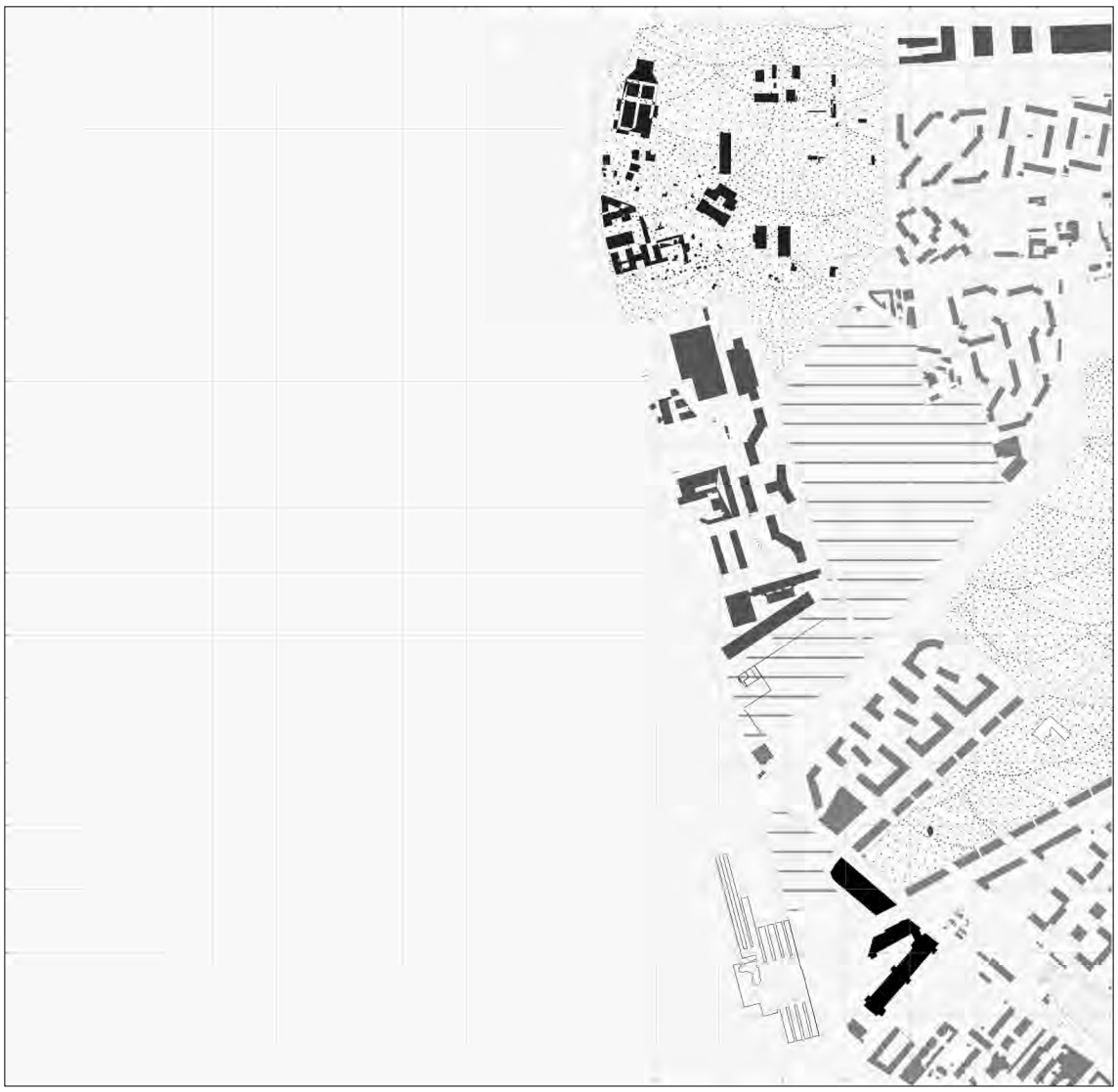
On the South side, closer to the Park area, there are several sport related facilities sitting next to industrial clusters mainly related to transportation and construction.

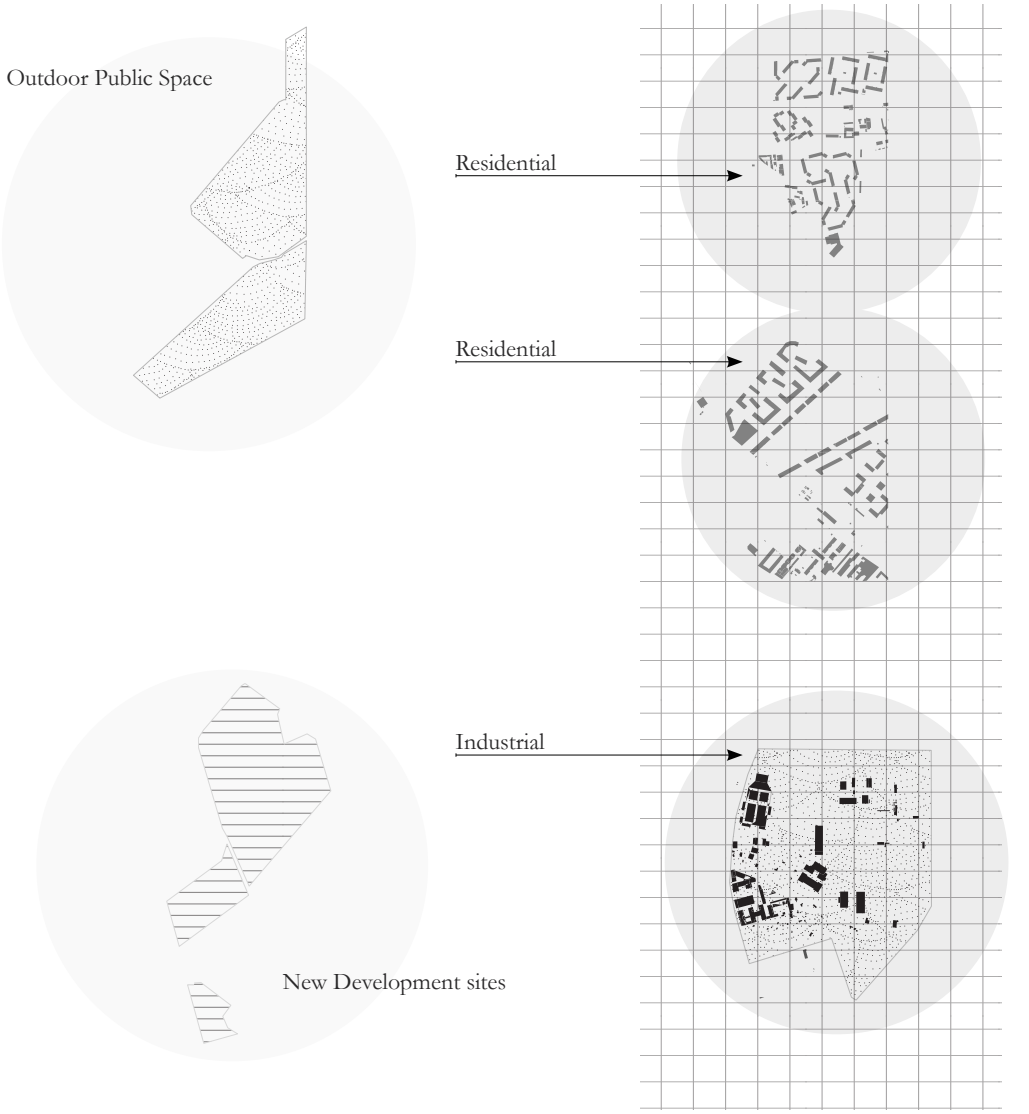

Residential
Industrial
Outdoor Activities

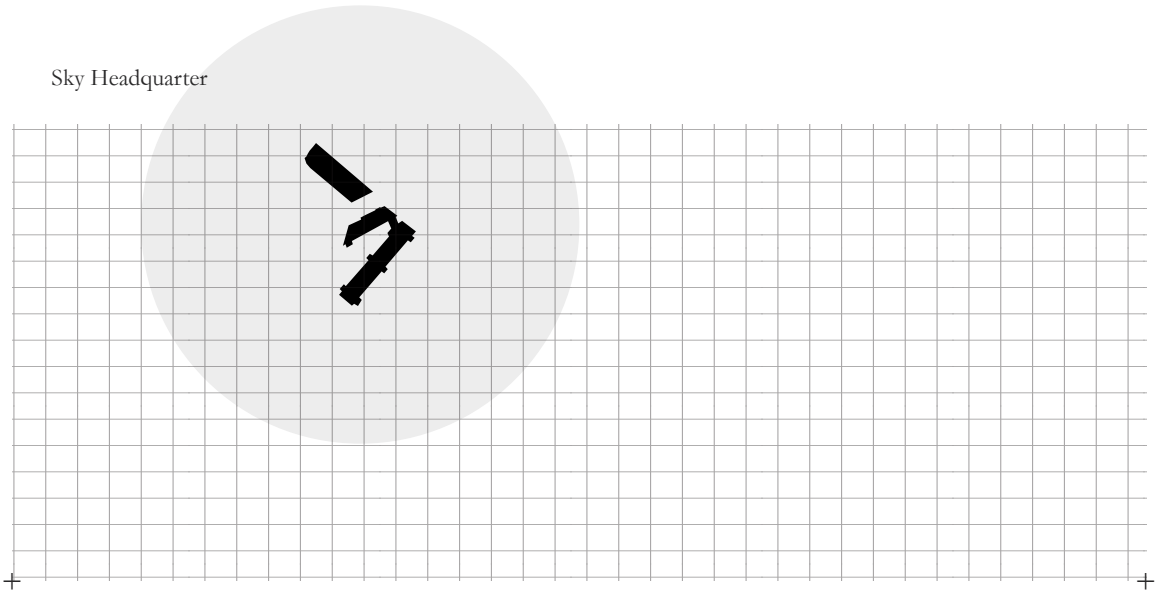

Education

The Neighborhood of St. Giulia presents a large number of new residential development, both, under construction of recently built. This area present a vast public park, however, this vast green void is very underused given the lack of local activities in the neighborhood. This space acts as a outdoor space for locals to run, walk dogs or as an open playground for kids. The Headquarter of Sky is also located in this area, that as you can still see in the north side, it is heavily populated by industries

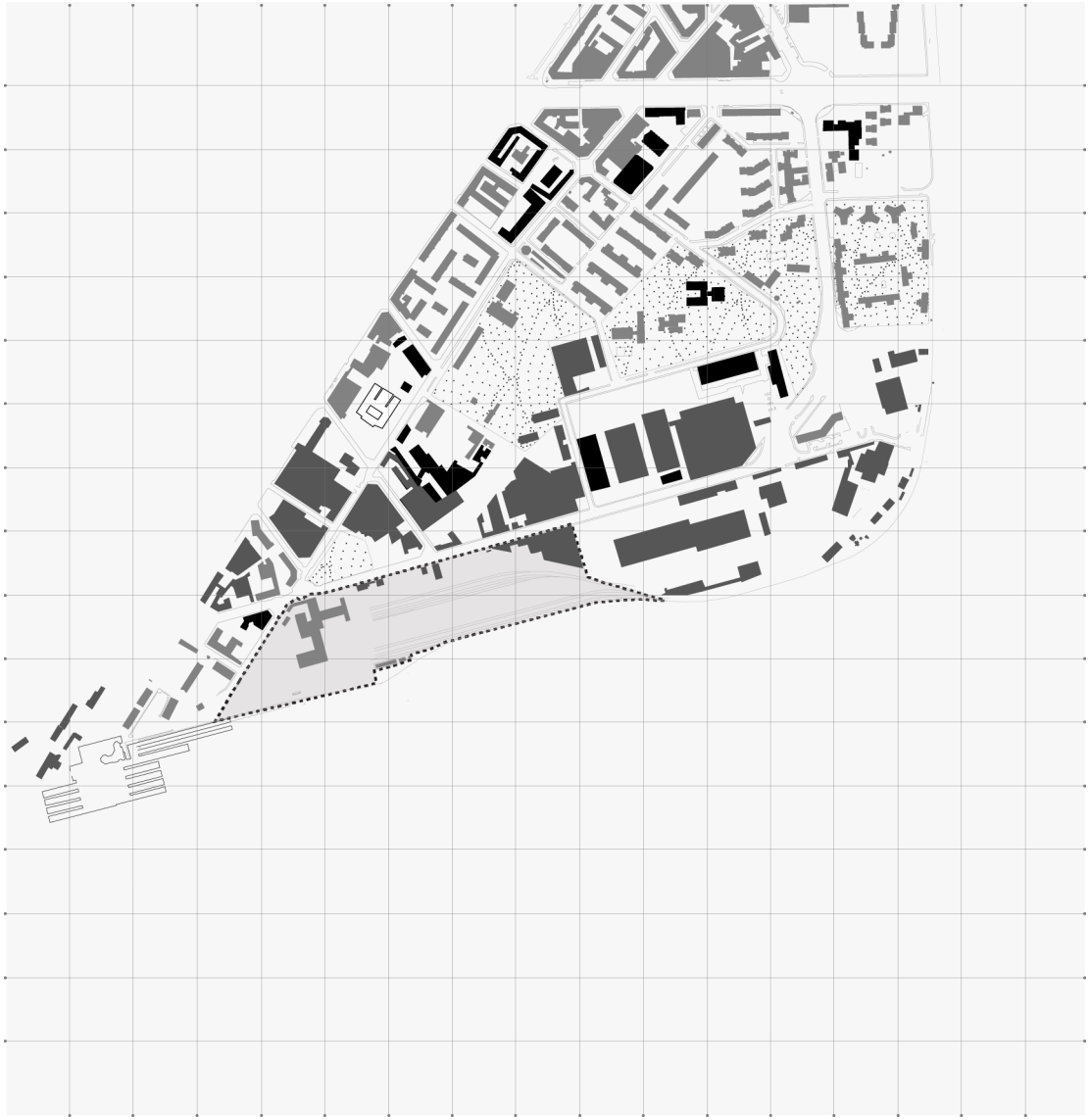
The area lacks of that necessary vibrant atmosphere due to the lack of cultural activities, indoor public spaces and spaces that can elevate St. Giulia to more than a housing neighborhood.




Outdoor Public Space
Residential
Residential
Industrial
New Development sites


Sky Headquarter

The Neighborhood of Rogoredo is this area in-between two heavy infrastructural barriers, the railway and the highway. The site appears as a kind of mosaic of different layers that appropriated this abandoned area throughout the years.
Such diversity and necessary coexistence of different programs has created a series of well defined clusters. Each plot is very well defined and self-isolated by high walls.
As you walk around the neighborhood you can truly navigate though this **random ensemble** which actually add a very strong charter to the site. **High diversity of materiality, shapes, sizes, functions and unsual settings.**



III

THE LAYERS OF ROGOREDO

Analysis of the different clusters of Rogoredo

Roofscapes of local warehouses & the different materiality add
complexity and curiosity as you lose yourselft wondering around the sute

The Wall. Most of the area's plots are fortified by barriers, preventing views and containing the activities within its boundaries

h

Layering & appropriation of abandoned structures has lead to this unique juxtaposition of program vs typology.

A clash between the building appearance(container) and its content (activity)

i

l

h The volts

i Hidden courtyards

l gates & tracks

The way-finders or Landmarks help the individual to move through this urban labyrinth. A few **monumental and iconic** architectural elements act as a compass in an hostile site characterized by high walls and boundaries.

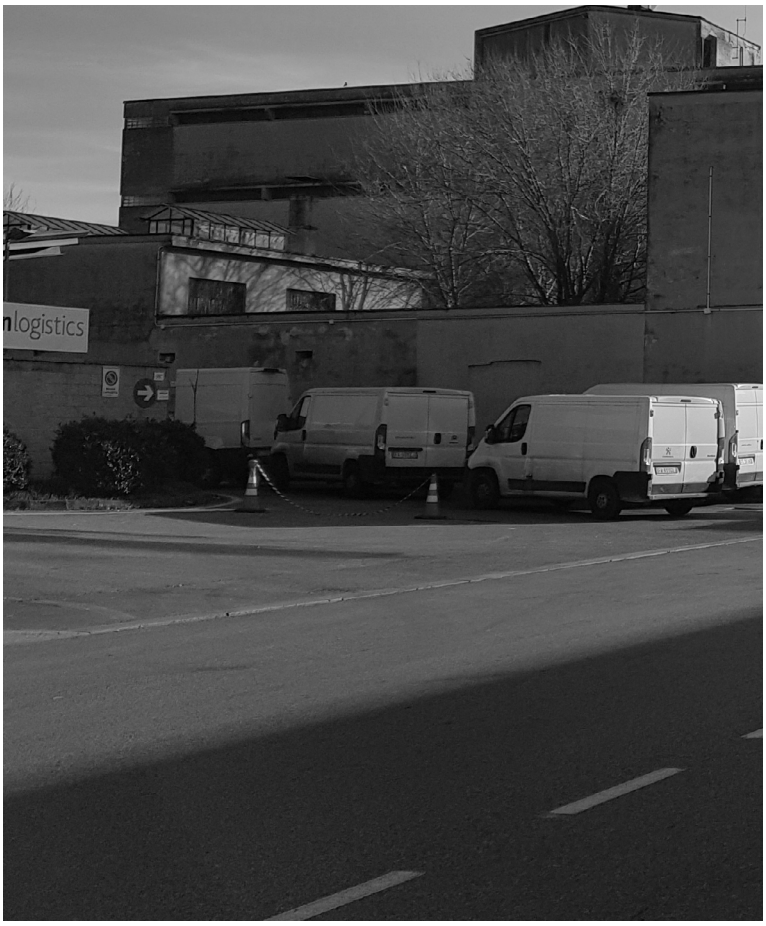
Looking up, **visually searching** for coordinates in the hostile site of Rogoredo. As you would look up to the starts to find your way though darkness, the only visual escape to the strong barriers is to tilt your eyes up in search of **recognizable** elements

The wall frames the roofscape of an old factory turned into a design cluster. Creativities and your entrepreneurs are the first pioneers of such dismissed areas, planting the first seed towards revitalization of the neighborhood.

III

01

THE BACKSTAGE
Logistics - Transport - Construction


logistics

Fragments of Rogoredo - Industrial and Logistics cluster
Scale 1 : 10 000

The area of Rogoredo is characterised by a series of coexisting clusters which compose the diverse mosaic of this outskirt of Milan.
The majority of the Area in the proximity of the site is composed by a series of industries of different kind: From logistic, to construction, distribution and production of goods. Such condition calls for a involvement of this strong identity into the design strategy of the project.

Fragments of Rogoredo - Industrial and Logistics cluster

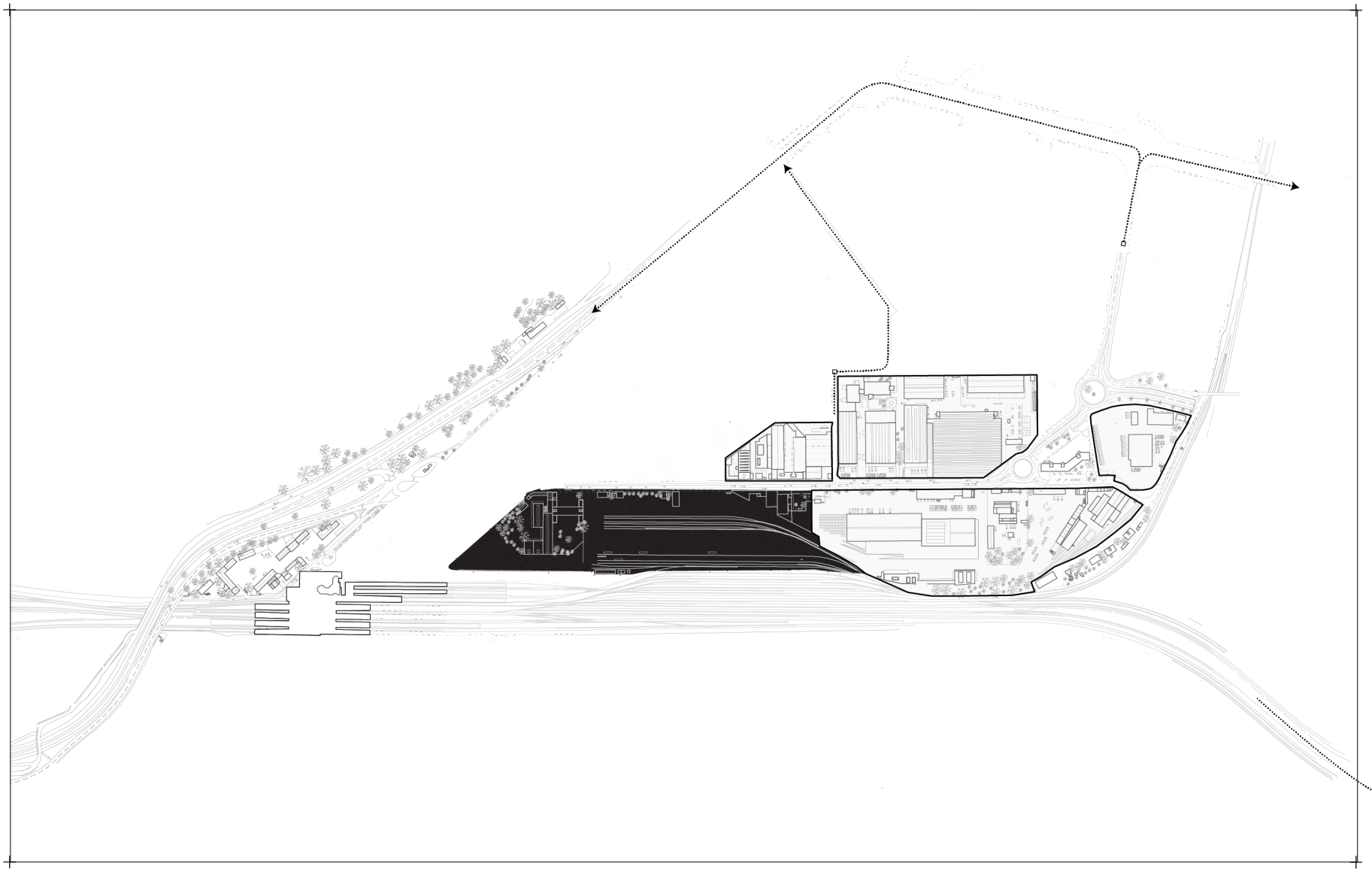
.The arteries

This important local cluster relies on the heavy infrastructural network. Its location between the Railway and the Highway is vital in order to maintain and facilitate the activities of these industries. This becomes a crucial factor involved in the design strategy of the proposal.

.BACKSTAGE

The goal is to involve these industries, making sure they become part of the motor of the project. The ephemeral essence of part of the programme implies a tight link with these clusters.

Assemblage - Transportation - Disassembly of goods, temporary elements and people creates this urban theatrical backstage that orchestrates the



Fragments of Rogoredo - Industrial and Logistics cluster
Scale 1 : 10 000

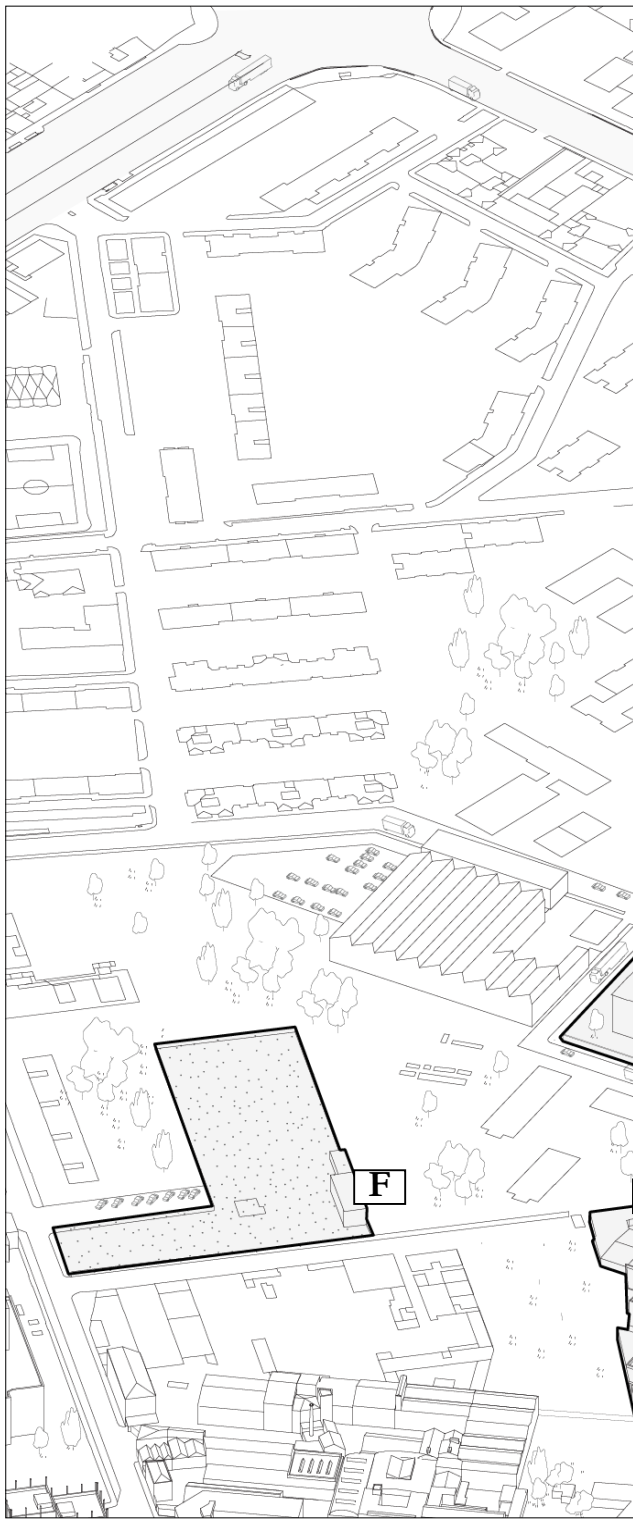
ockcokskokoko **A**
joskcpkskcs
ocdpoddkdpk
okdcokcokdkc
dcokokcdokkc

ockcokskokoko **A**
joskcpkskcs
ocdpoddkdpk
okdcokcokdkc
dcokokcdokkc

ockcokskokoko **A**
joskcpkskcs
ocdpoddkdpk
okdcokcokdkc
dcokokcdokkc

ockcokskokoko **A**
joskcpkskcs
ocdpoddkdpk
okdcokcokdkc
dcokokcdokkc

ockcokskokoko **A**
joskcpkskcs
ocdpoddkdpk
okdcokcokdkc
dcokokcdokkc



A
B
C
D
E

III
02

THE EXISTING PERFORMANCES
Local creative clusters

Pictures of some of the hidden local creative clusters, hidden in the cracks of this industrial site

p q

r

p q Docksmart Local Fashion store

r Architect & design

.The Local creativities

The Area of Rogoredo hides a series of creative small clusters, hidden behind these walls and secretly popping up in very unexpected places. Places you can only be aware of, if you are part of this reality.

.Stimulating local cultural identity

Among the series of industrial clusters, I have highlighted a series of local cultural spots that compose this unique mosaic. These are the key elements and pillars driving my design strategy. Aiming to facilitate and cultivate a strong cultural identity of Rogoredo.

X Photography

Y Art & Design

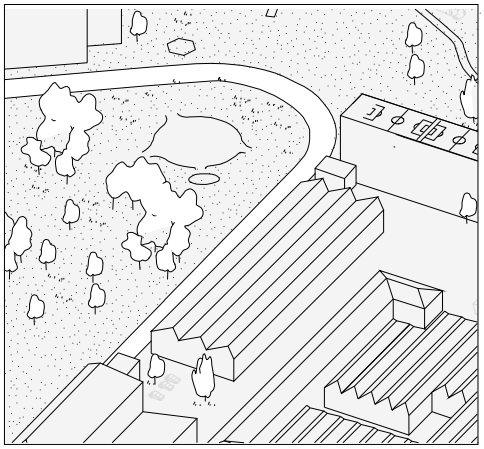
K Music

M Fashion

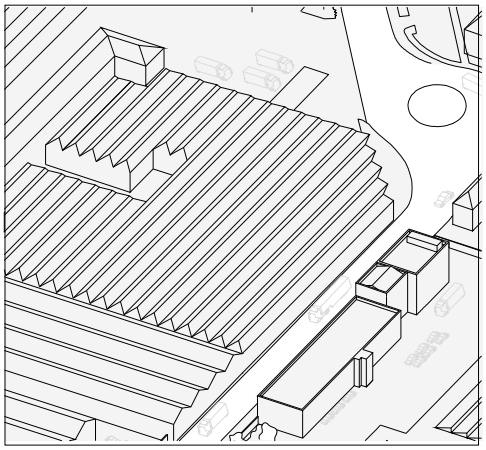
J Music

O Dance

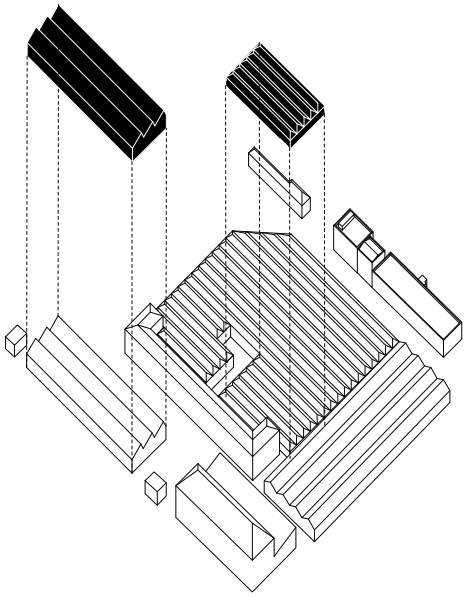
Axonometric view of Rogoredo



X
Photography



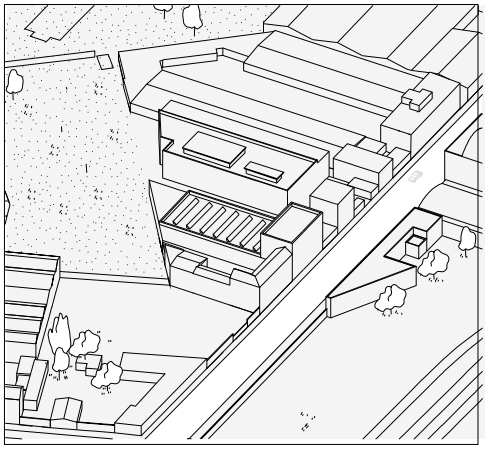
K
Music



Axonometric drawing of local creative & cultural activities

x Italian institute of Photography

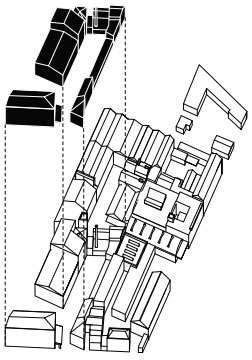
k Local disco club

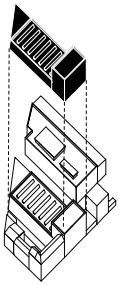


J
Music

Y
Art & Design

Scalo Ferroviaro Rogoredo / the Deconstruction of the clusters

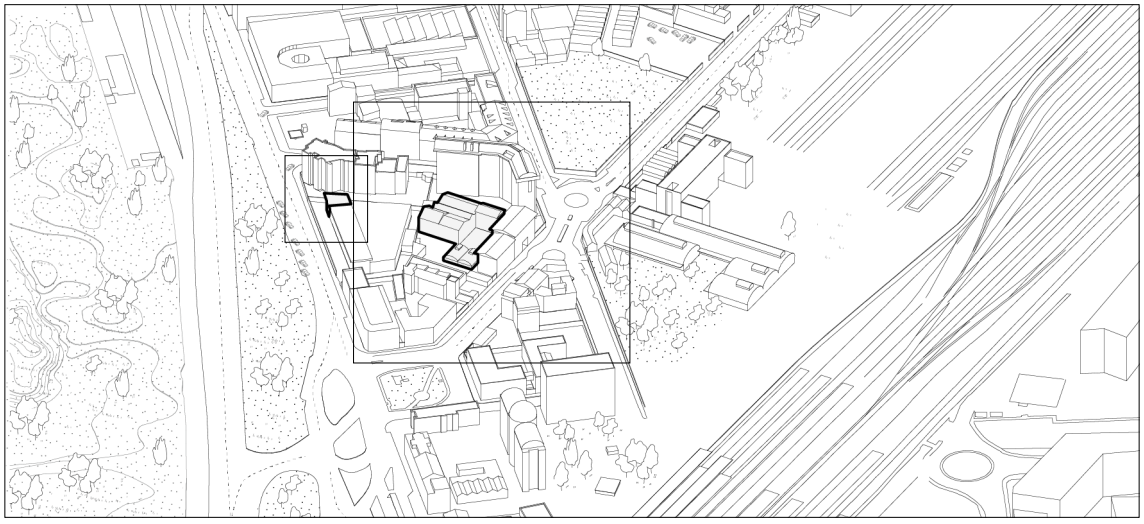




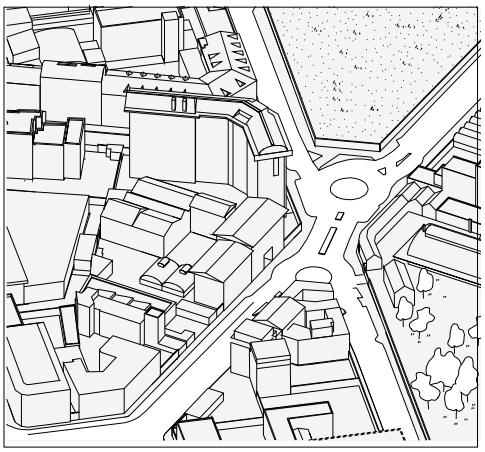
Axonometric drawing of local creative & cultural activities

j Space 25 Disco / Music club

k Architect, Designer and fab-lab studios

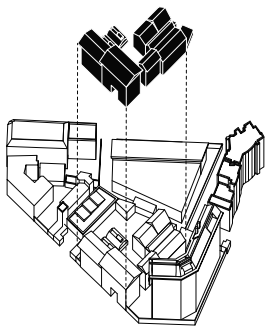


O
Dance



Y
Fashion

Scalo Ferroviaro Rogoredo / the Deconstruction of the clusters



Axonometric drawing of local creative & cultural activities

III

03

~~M ONO~~FUNCTIONAL NEIGHBOURHOODS

U Reinvestigation of the ratio public-private

L

T

I

The neighborhoods of Santa Giulia, Rogoredo and Mazzini are characterized by a high density housing blocks. These areas present a high variety of inhabitants, with emphasis in families and your people given the high number of educational institutions. Such density requires an appropriate number of public and cultural amenities that are currently lacking. The strategic positioning of the Scalo Rogoredo for both its global function and its local centrality, becomes the ideal site for the design of public cultural facilities that can improve the livability of the three neighborhoods.

Axonometric view of the Housing blocks of the three neighborhoods surrounding the site

HOW TO ENHANCE A LOCAL CULTURAL IDENTITY?

Facilitate this local creative reality, stimulate new interest for other local inhabitants by the design of architectural and urban spaces. Provide cultural spatial alternatives for the inhabitants of the three neighborhoods surrounding the site.

WHILE ALSO RESPONDING TO A GLOBAL AUDIENCE

In order to justify such a big new development, (both financially and architecturally), it is mandatory that the project addresses the high flux of event-driven global audience that travels to Milan throughout the year. By integrating the municipality goal of promoting culture as an economic tool, the project requires a certain degree of flexibility in order to serve this two group of users into a GLOCAL design.

DICHOTOMY [.1]

Between Global demand and Local needs

.1

a division or contrast between two things that are or are represented as being opposed or entirely different.

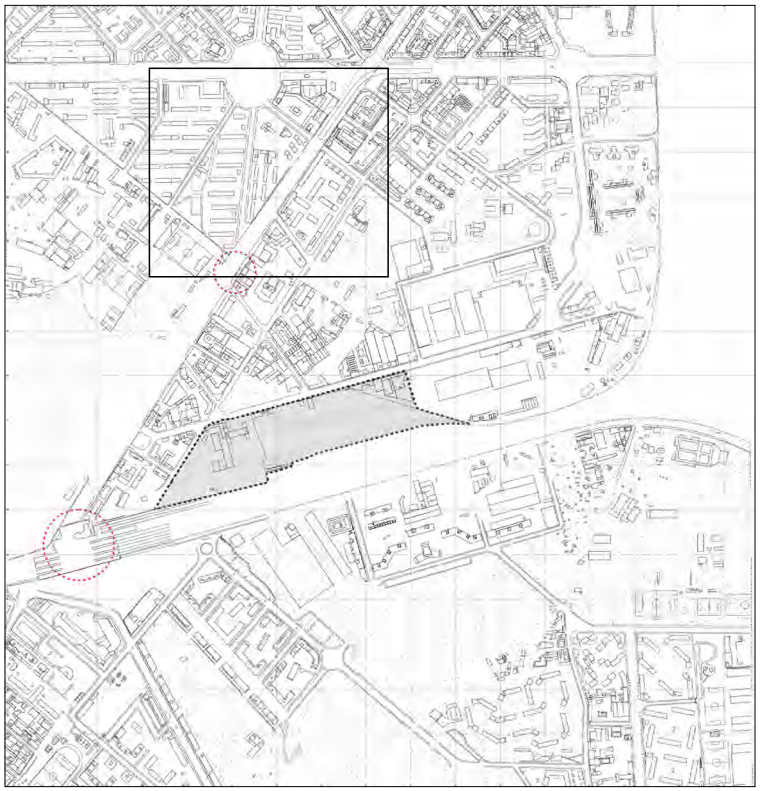
IV

(g)LOCAL
Analysis of Local morphology in relation to the site

The Scalo Rogoredo responds to a much wider area than just its immediate surrounding. Its location puts it at the crossover of three neighborhoods.

e St. Giulia
f Rogoredo
g Mazzini

Scalo Rogoredo - A crossover of three outskirt neighborhoods.

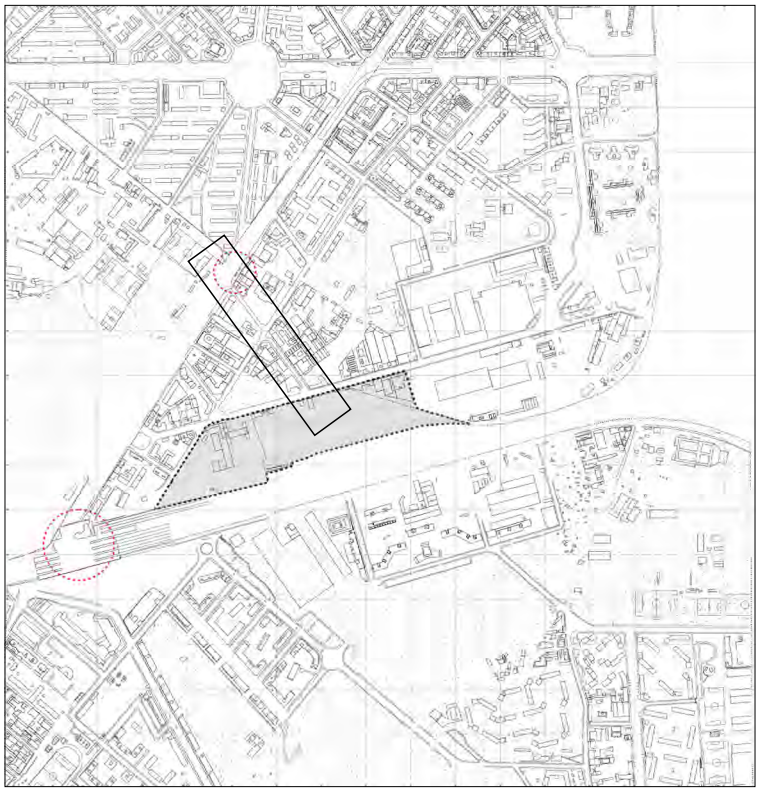


a Main square of Mazzini Neighborhood **b** Porto di Mare metro station (yellow line)

Accessibility plan of Mazzini neighborhood and its main axes to the site

b Porto di Mare metro station (yellow line)

Accessibility plan of the main vertical axes of Rogoredo



c Scal Rogoredo (site)

b Porto di Mare metro station (yellow line)

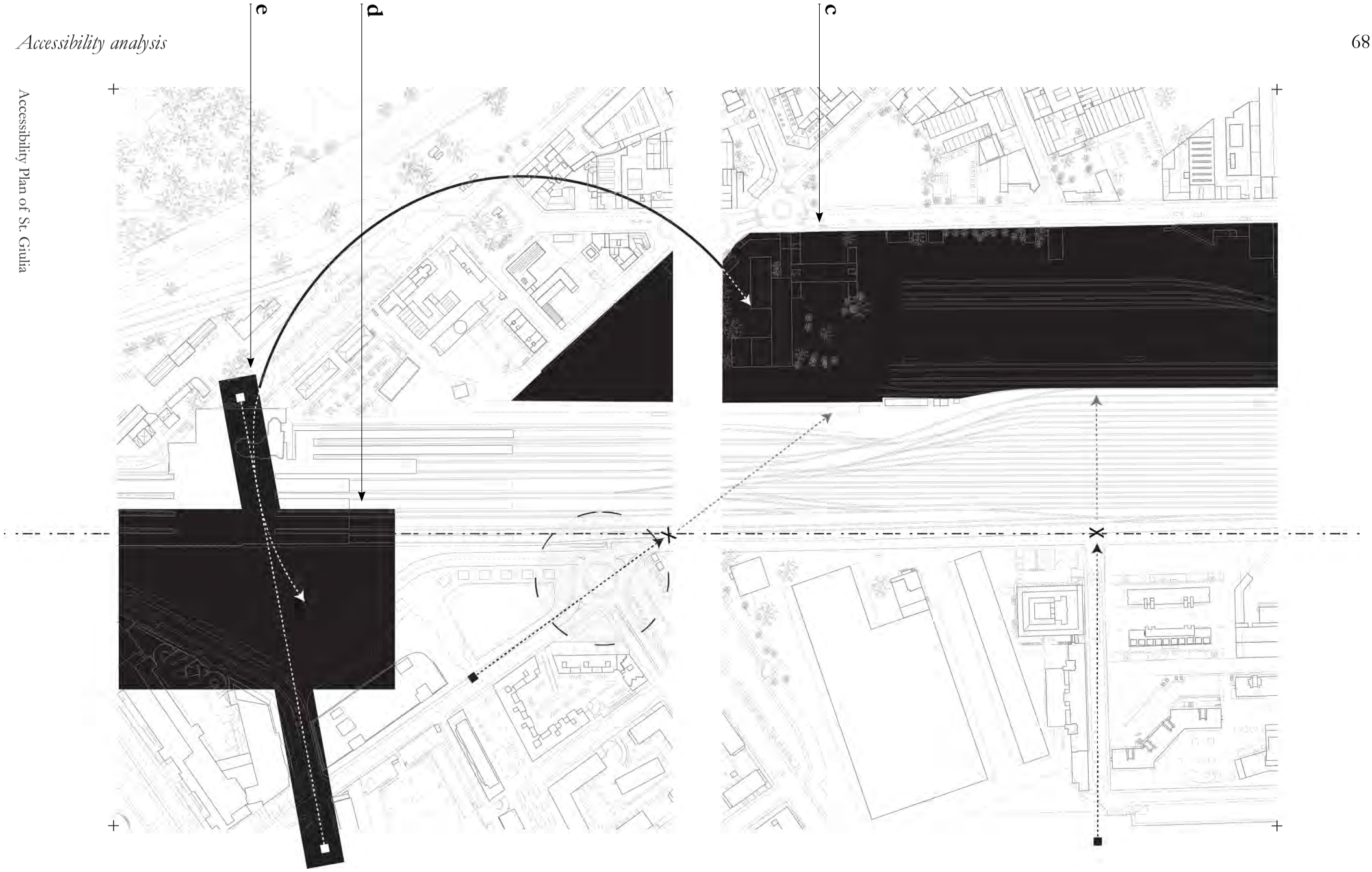
Accessibility Plan of the main Grand access to the site

c Scal Rogoredo (site)

d Main square of Santa Giulia

e Rogordo Station

Accessibility Plan of St. Giulia



V

Re-territorialisation
The site presents itself as an urban void. This vast piece of land which has been detached from its urban context for the past years serving as a railing terminal deposit it now represents a new opportunity to be transformed into the cultural epicenter and **re**open up to its surroundings and act as key area for the cultural thematic schedule of the city of Milan.

Tabula Rasa
Despite its emptiness, the site shows few interesting elements that can be implemented and integrated in the design, from the train tracks to a sequence of abandoned industrial buildings.

01 Abandoned building complex
Logistics

02 Abandoned hanger facing a key access
Landmark

03 Train tracks
Flexibility

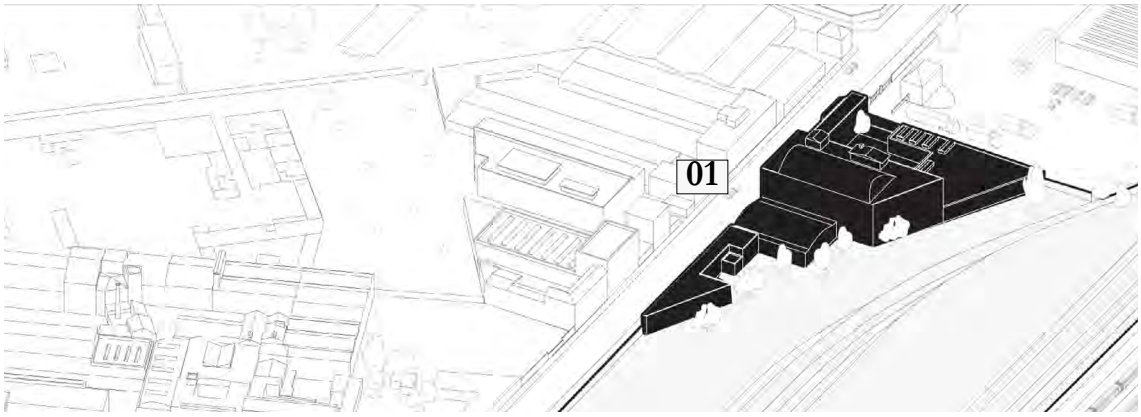
04 Smaller fenced void
Extension

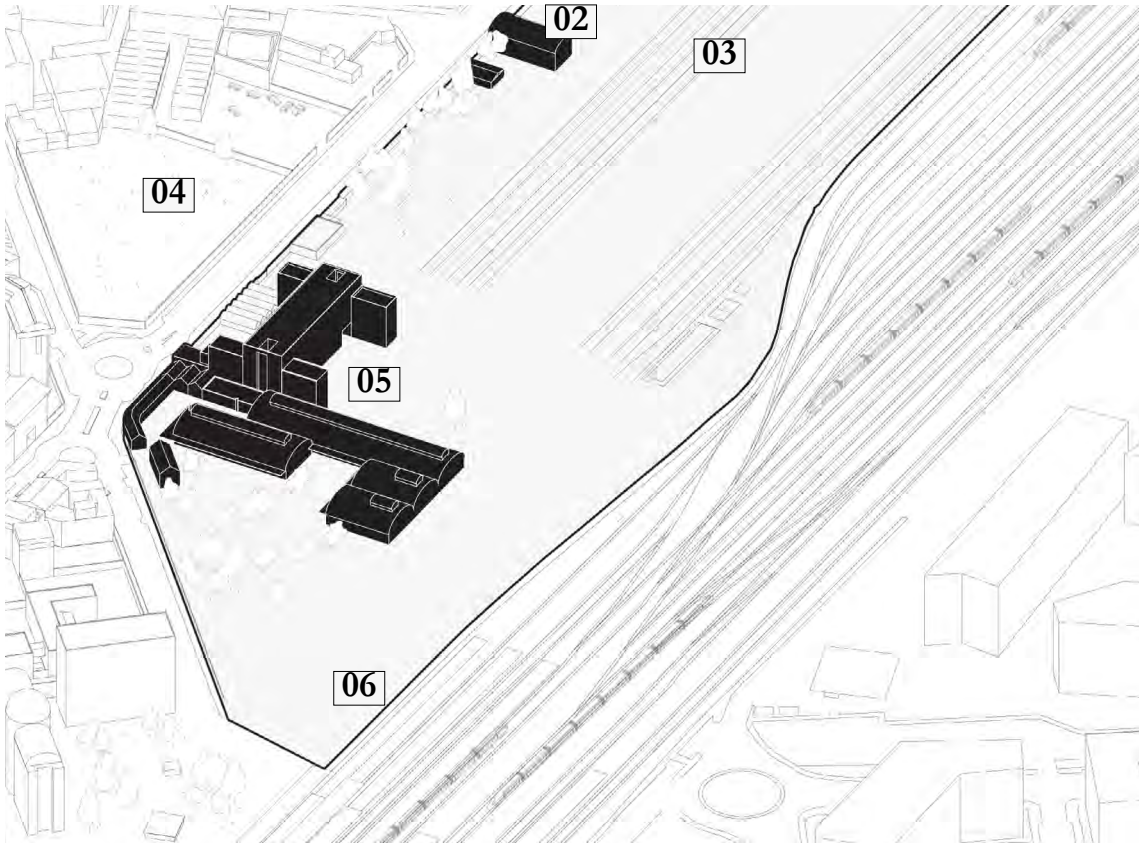
05 Abandoned building complex
Re-use

06 Potential new Event- Station exit
Global gate

Aerial View of the Site

Backstage





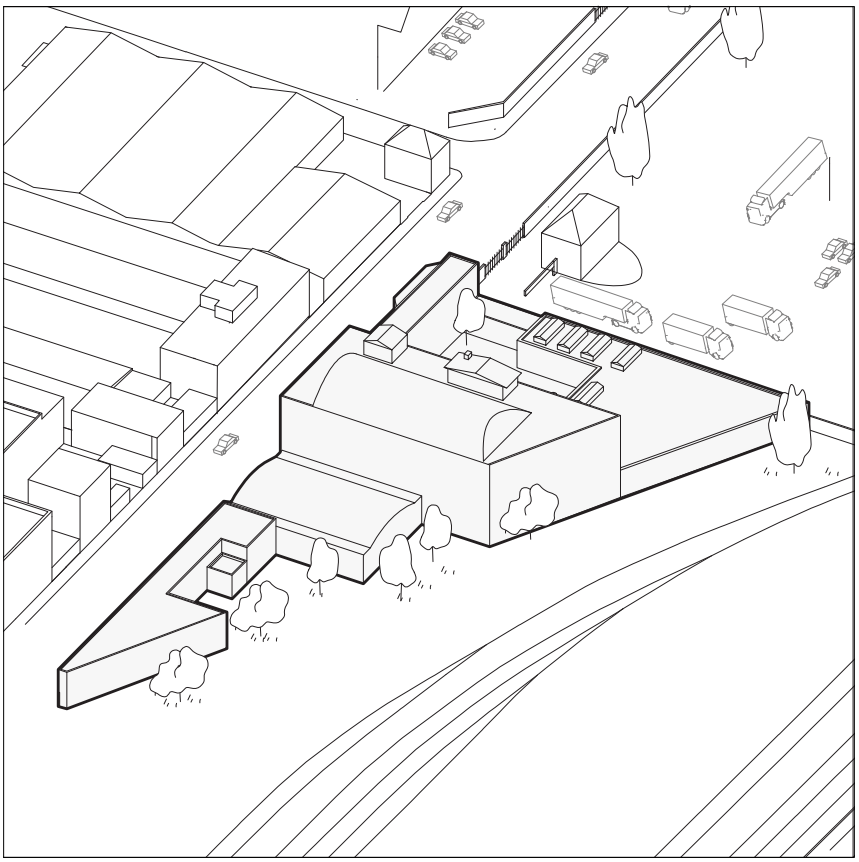
Stage

Axo drawing of the Site. Scalor Rogoredo

01. The Logistics

This complex of abandoned warehouses can be rehabilitated into the backstage of the design.....

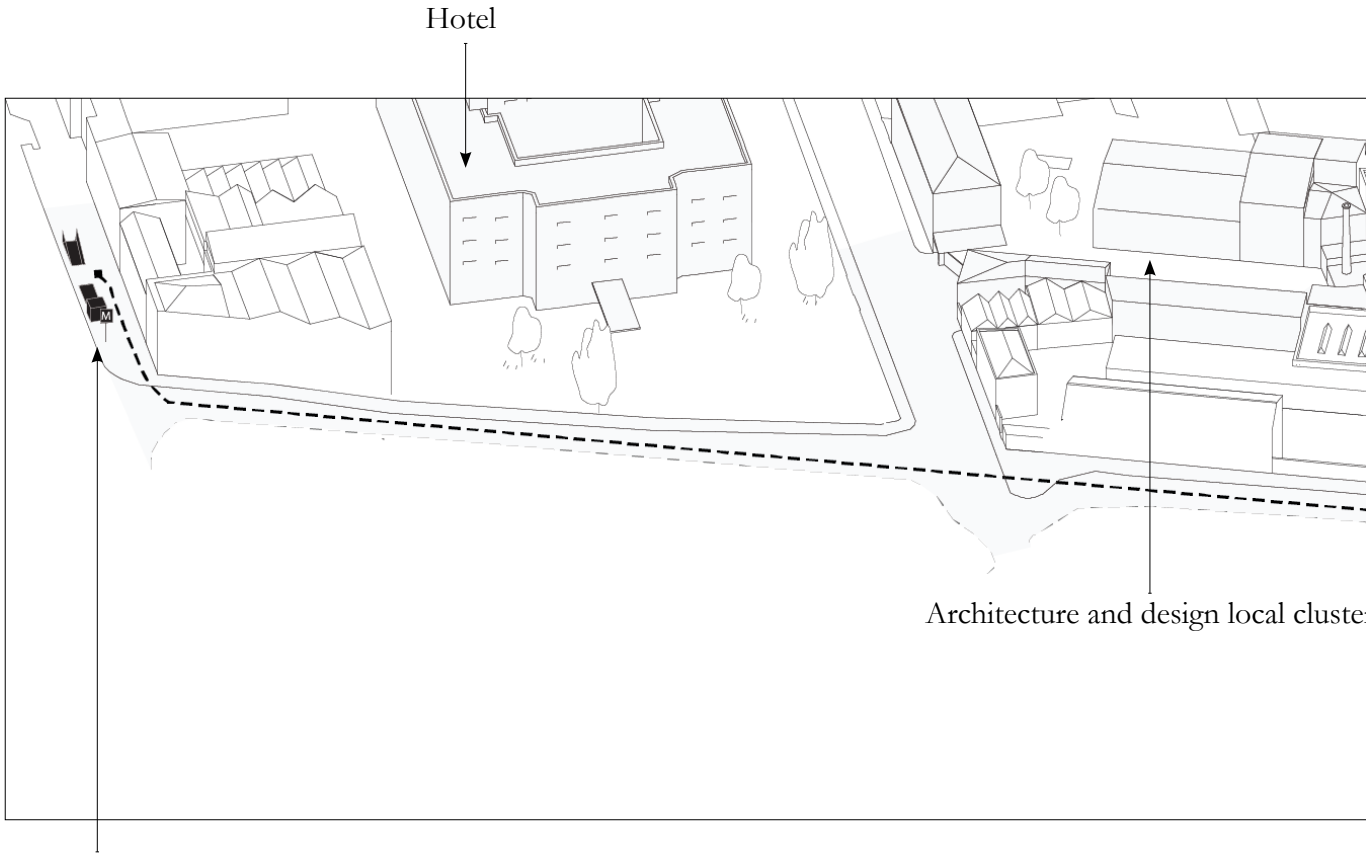
+



+

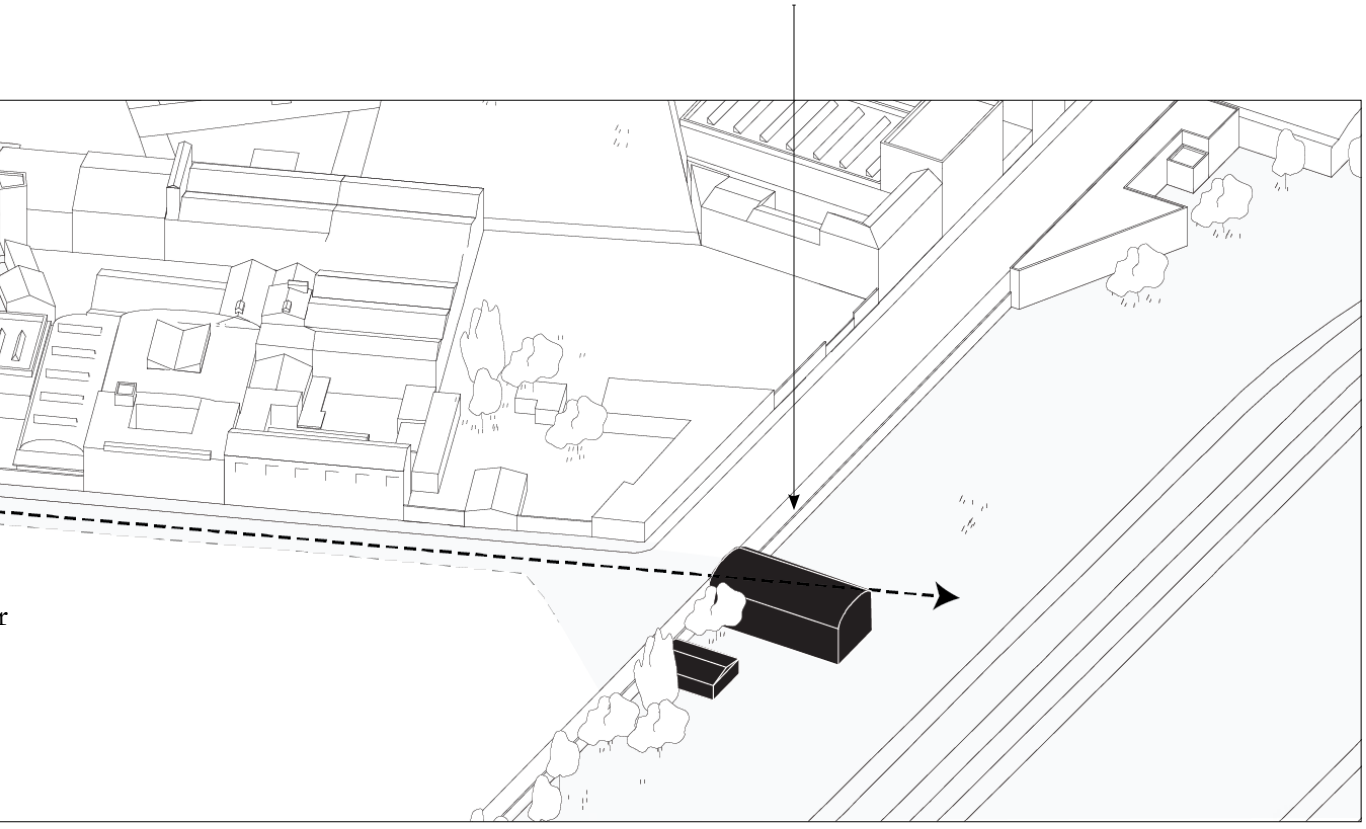
02. The Landmark

The morphology of the area highlight a clear main entrance from the metro station down to the site. A direct straight alley cutting throw Rogoredo .



Metro Station Porto di Mare

Landmark/Gate/ Entrance

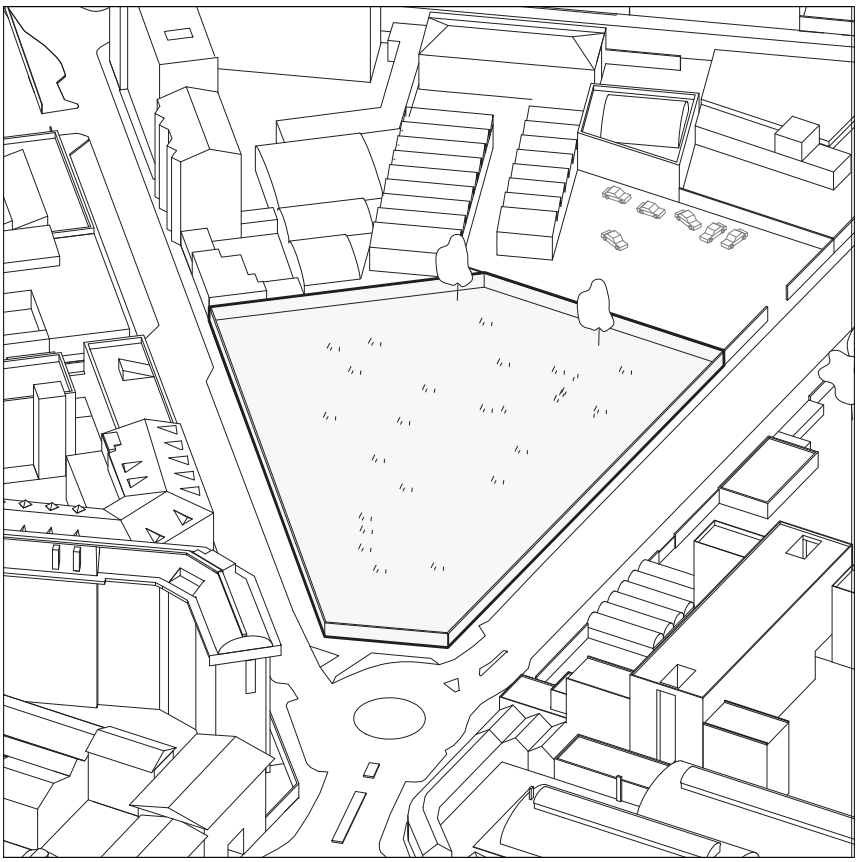


Axo drawing of the Pilgrimage from the station to the site

04. The Void

Thi ijdofoiwfjwjfwofjofnofnwopnwofnonojwofjojfofncmweono

+



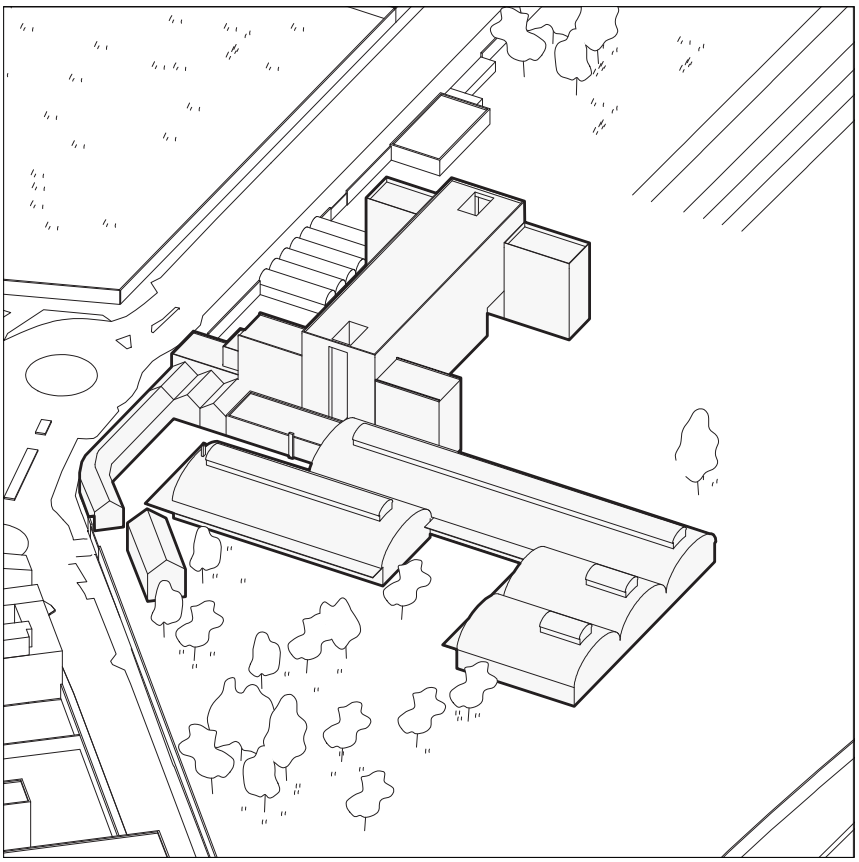
+

PHOTOS OF THIS BLOCK TO BE ADDED

Axo drawing of the Pilgrimage from the station to the site

05. Abandoned block (interesting typology)

Thi ijdofoiwfjwjfwofjofnofnwopnwofnonojwofjojfofncmweono



PHOTOS OF THIS BLOCK TO BE ADDED

FLOOR PLAN OF THIS EXHISTING BUILDINGS?

Axo drawing of the Pilgrimage from the station to the site

The context analysis starts to dictate the location and volume of the first element composing this 'urban stage' and re-inhabiting the void.
Parallel informed by the programmatic request of both, local and global agenda.
New elements that interact and respond to its surrounding, while re-purposing abandoned existing ones.

Programme **Context**

Music **a**

360 circular element to respond and engage with the surrounding voids

Art & Design **b**

The typology of the existing complex sets the precondition for artistic programme.
A mix between gallery spaces for exhibitions and standard spaces for workshops

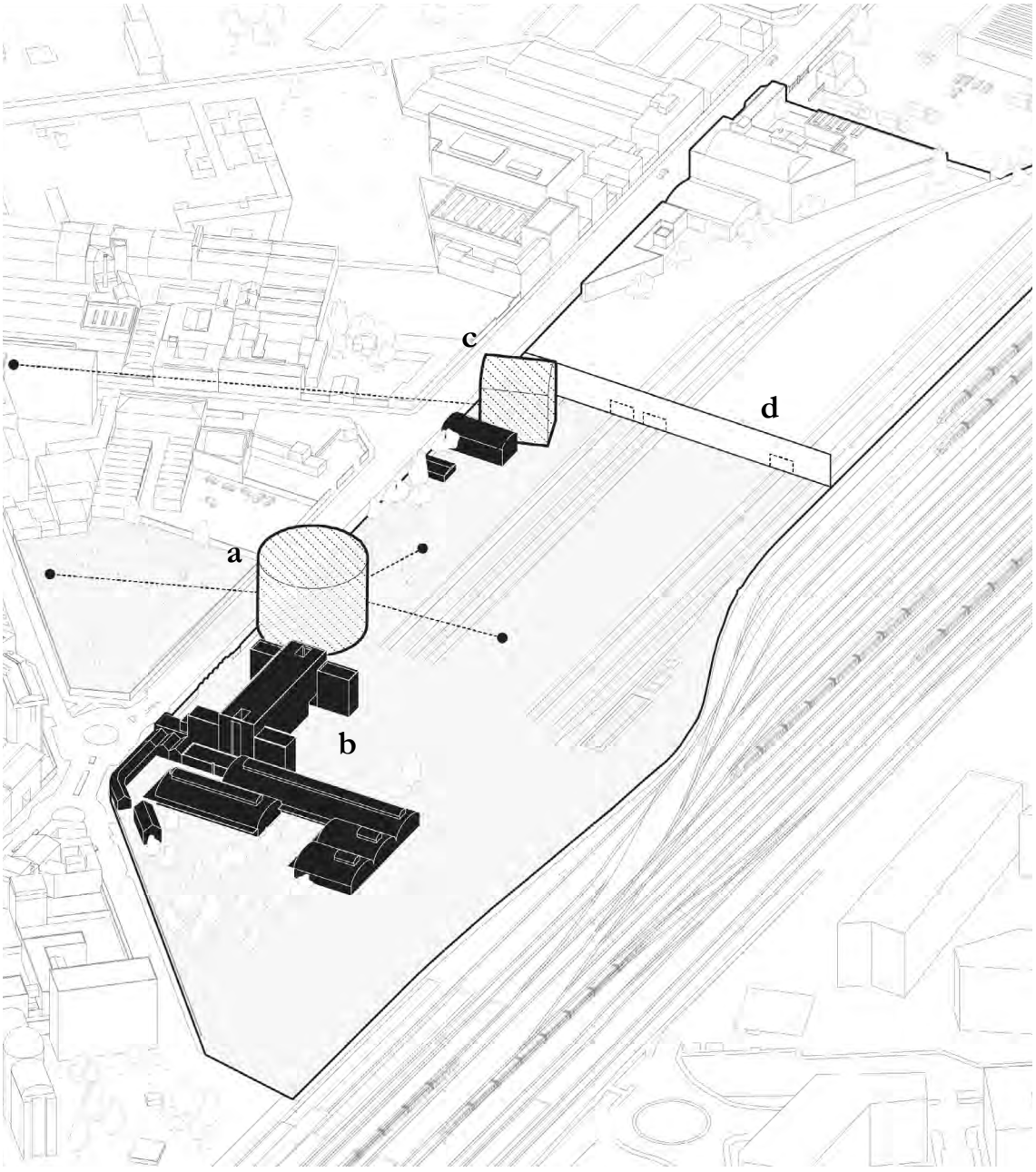
Digital/tech **c**

Its proximity to the backstage, an indoor oriented programme and the standard spatial requirements allow the shape to be freed from its content and act as a landmark at the end of the boulevard.

Photography

Cinema / Theater

d The wall
The curtain separating stage from backstage.



Stage

Axo drawing showing how the 'urban stage' starts to take shape.

The context analysis starts to dictate the location and volume of the first element composing this 'urban stage' and re-inhabiting the void.
Parallel informed by the programmatic request of both, local and global agenda.
New elements that interact and respond to its surrounding, while re-purposing abandoned existing ones.

Cinema / Theater & Photography

f

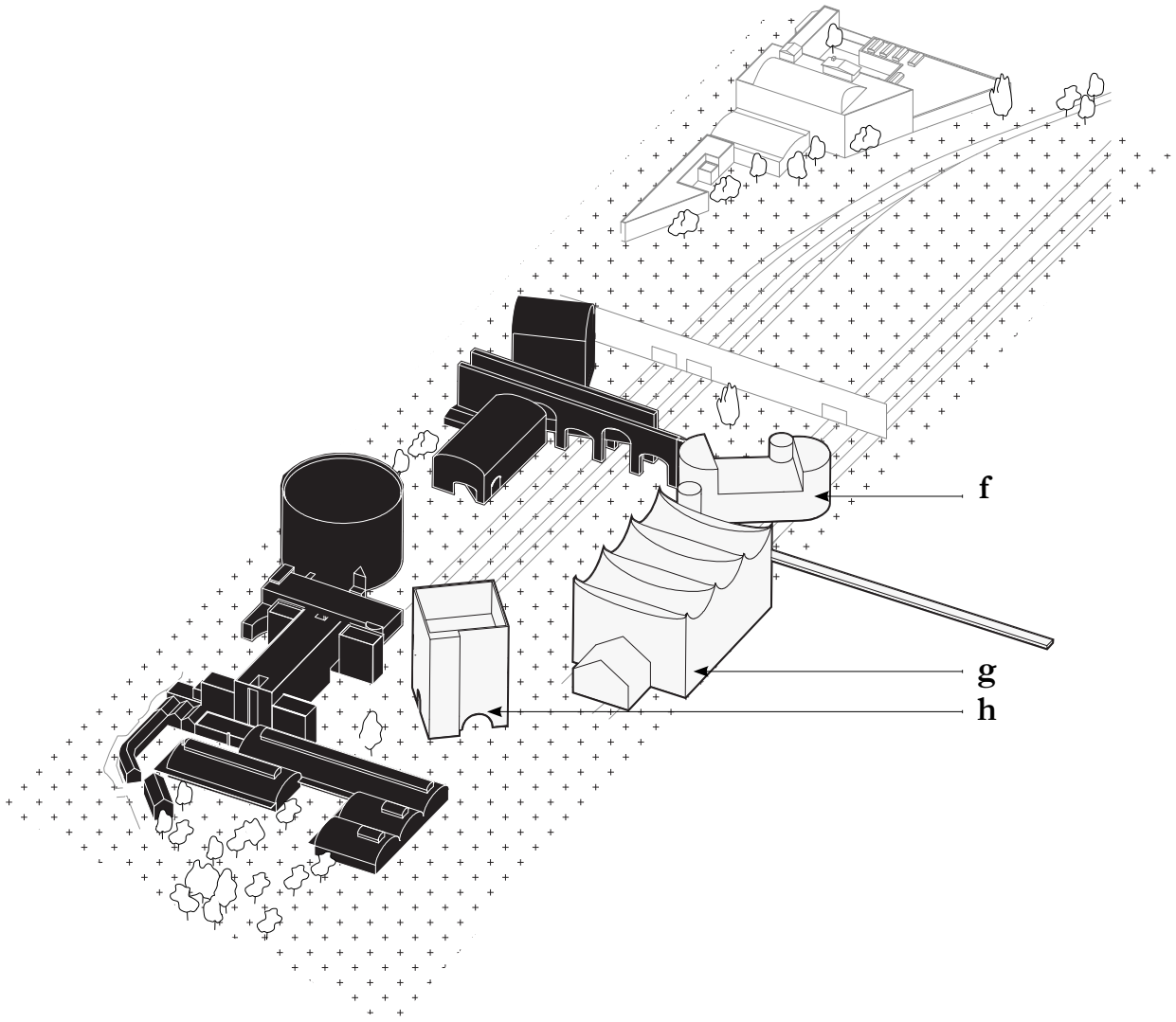
Warehouse which reuses the existing railing to assemble and create the props for the theater and the cinema studio

g

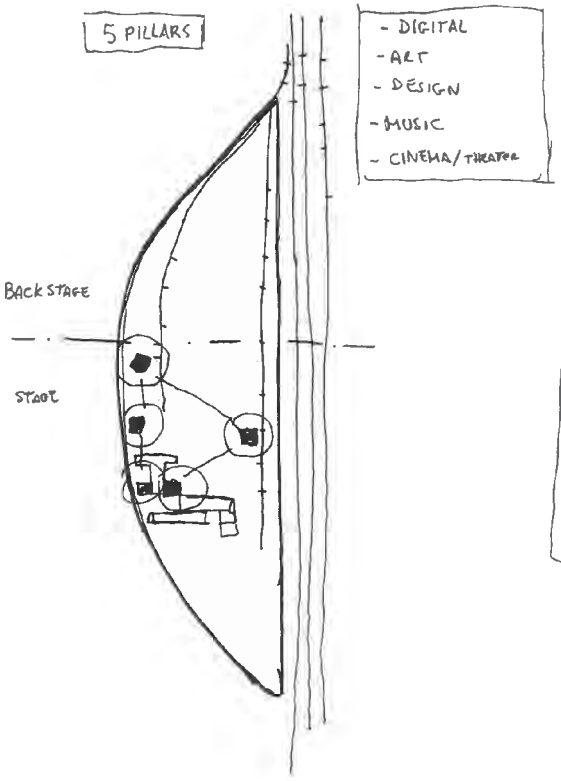
Cinema Studios.
This building typology follows the requirements analyses in the research of Cinecitta studios. Creating a possibility to only play with the envelope of the building

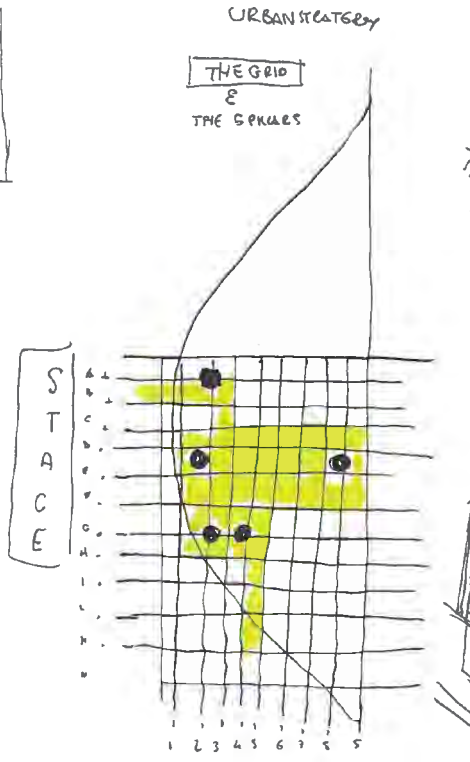
h

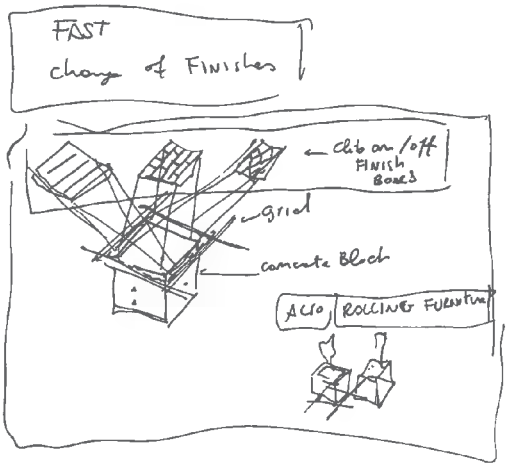
Theater Halls, Cinema hall and Photography rooms and all other facilities to support and perform these three creative arts.

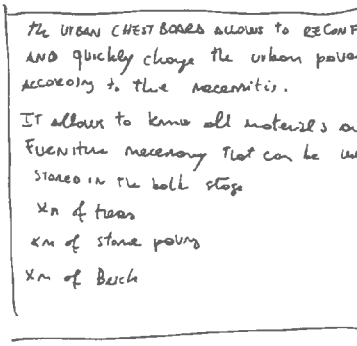


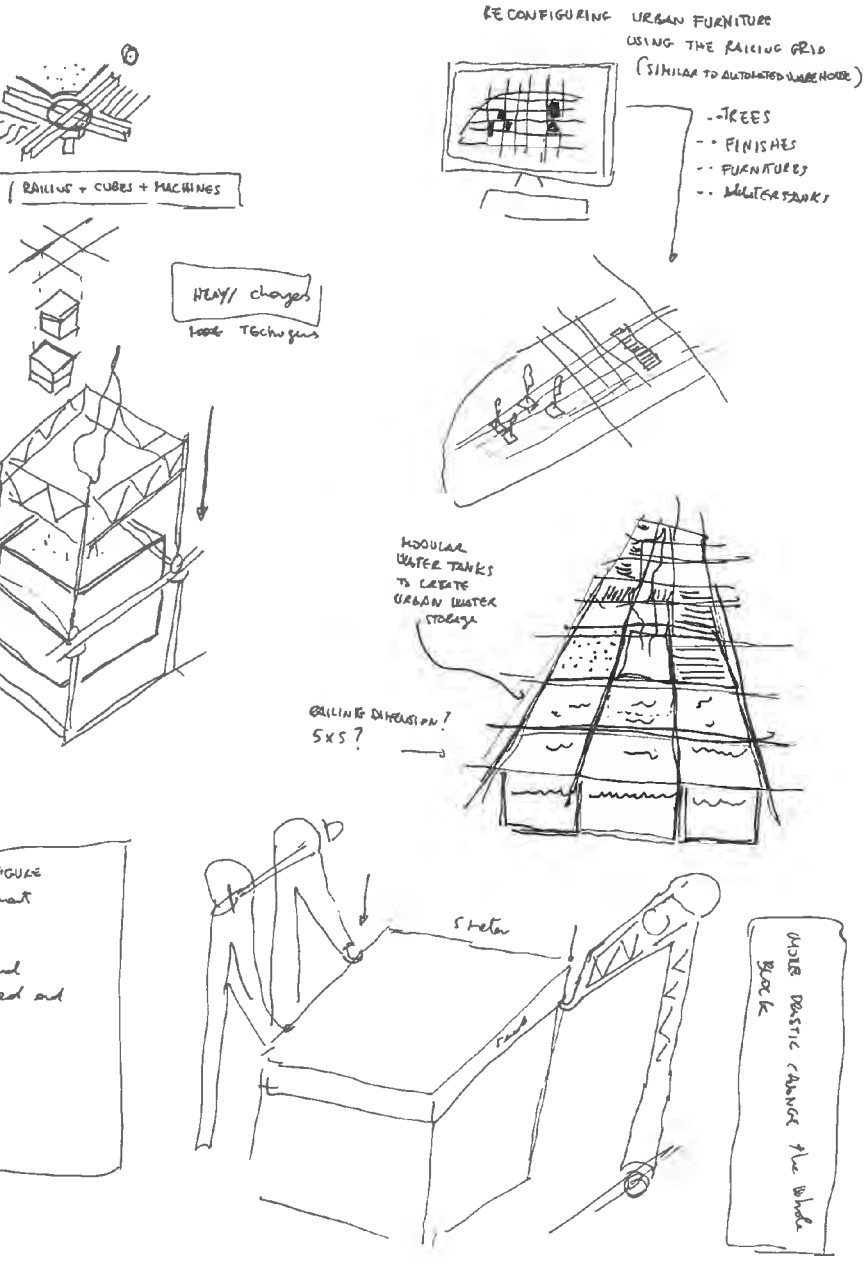
Axo drawing showing the 'urban stage' programmatic volumes.


5 PILLARS
- DIGITAL
- ART
- DESIGN
- MUSIC
- CINEMA/THEATRE
BACKSTAGE
STAGE


URBAN STRATEGY
THE GRID
&
THE SPHERES
STAGE
1 2 3 4 5 6 7 8 9


FAST
change of Finishes
← click on/off Finish Boards
grid
concrete Block
ACTIO
ROLLING FURNITURE


the URBAN CHESTBOARD allows to RECONF
AND quickly change the urban pave
according to the necessities.
IT allows to know all materials a
FUENITURE necessary that can be
STORED IN the bulk stage
Xm of trees
Xm of stone paving
Xm of Bench


RE CONFIGURING URBAN FURNITURE
USING THE RAISING GRID
(SIMILAR TO AUTOMATED WAREHOUSE)
- TREES
- FINISHES
- FURNITURES
- WATER TANKS
RAISING + CUBES + MACHINES
HEAVY charges
MODULAR WATER TANKS TO CREATE URBAN WATER STORAGE
RAISING DIMENSION? 5x5?
UNDER DRASTIC CHANGE the whole Block