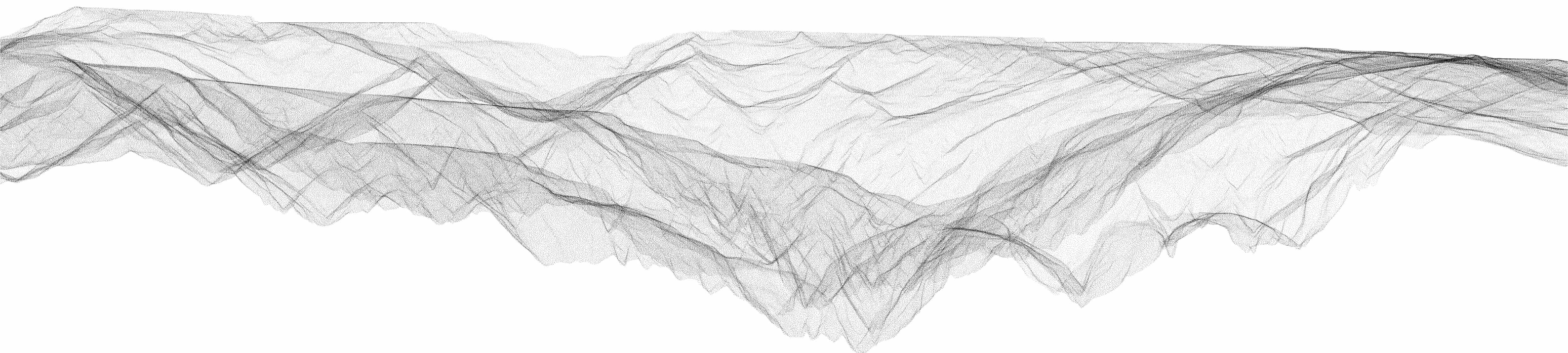




Transfigurations

Shifting Landscape Imaginaries

Presentation P5 | Explore Lab Graduation Studio | 2024-2025

Mattia De Lotto

Design tutor: Stefano Milani

Research tutor: Elena Longhin

Building Technology Tutor: Rufus van den Ban



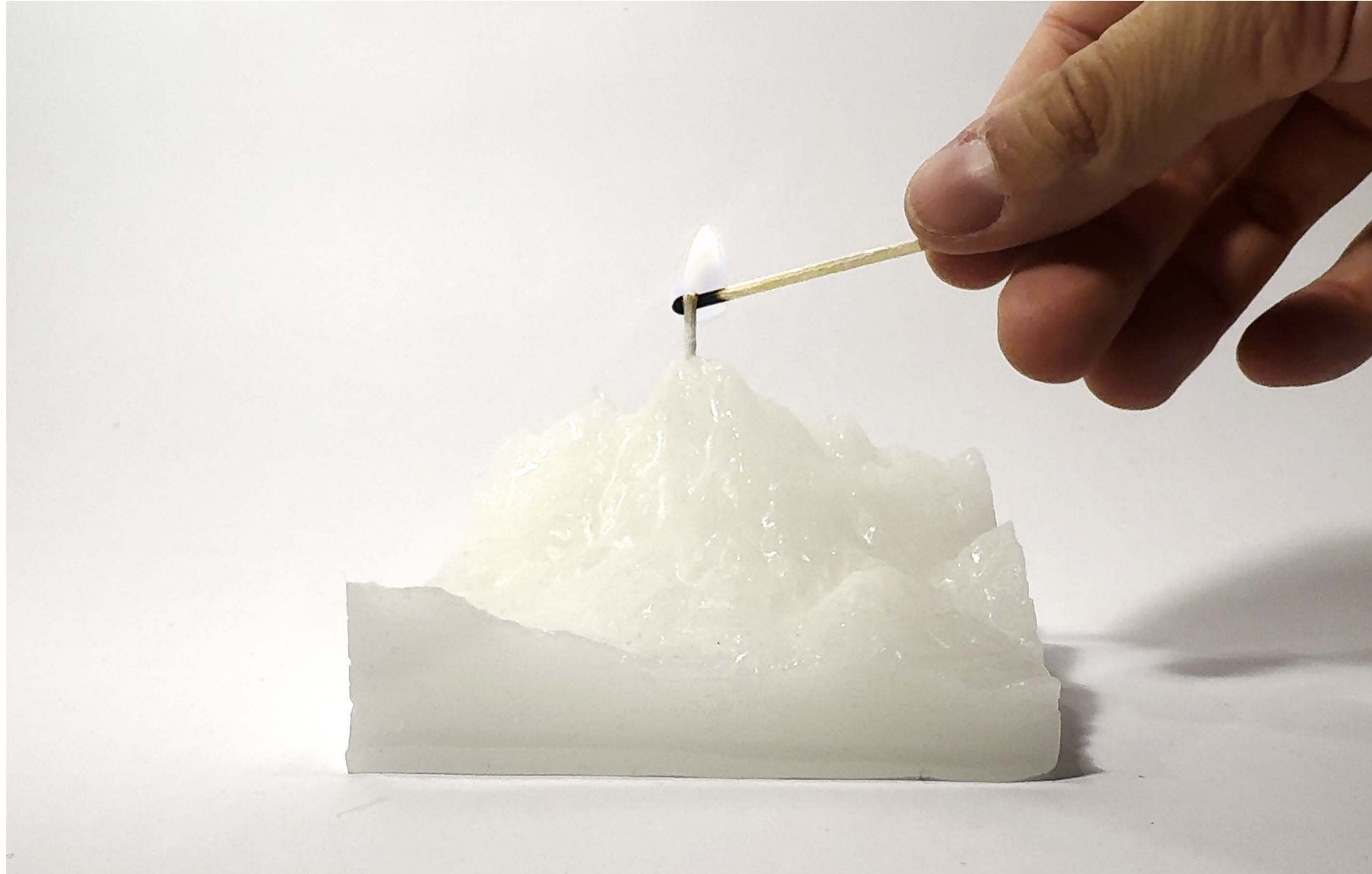
shifting perception

personal archive, ca. 1937, San Vito di Cadore (IT)



locating the site

map of mountainous regions (above 600 m.a.s.l.) of Italy and surroundings



objectification of the landscape
Wax model of Antelao topography, 2024.

What could the role of the architectural practice be in engaging with the complexity and uncertainty of the future scenarios of this landscape?

I. Prologue

II. One site

III. Transfigurations

Decay

Digestion

Absorption

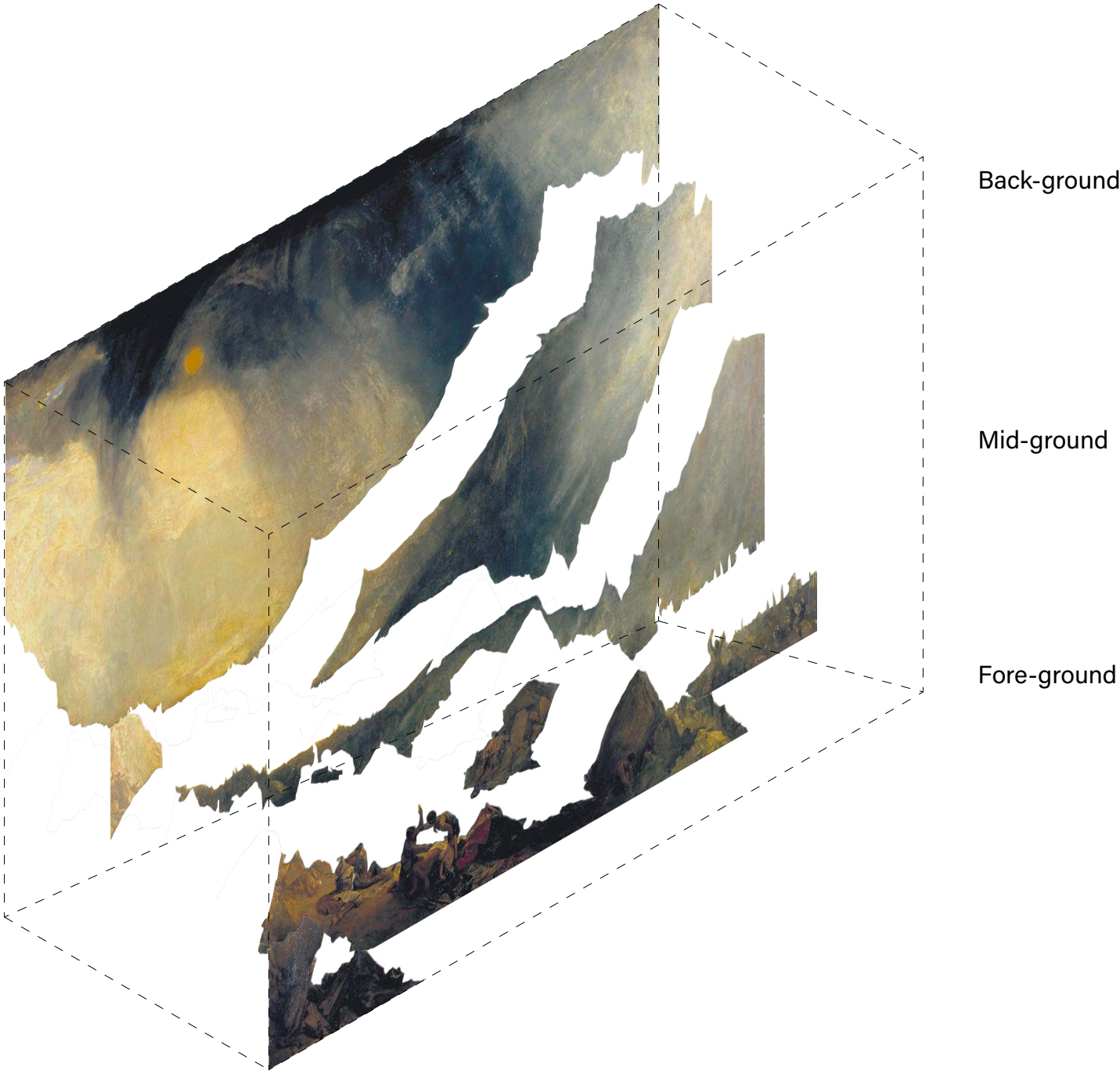
I. Prologue

“The landscape is not merely the visible result of natural and human processes, but a symbolic product that reflects the values, memories, and identity of the communities that inhabit it.”



representation of the alpine landscape

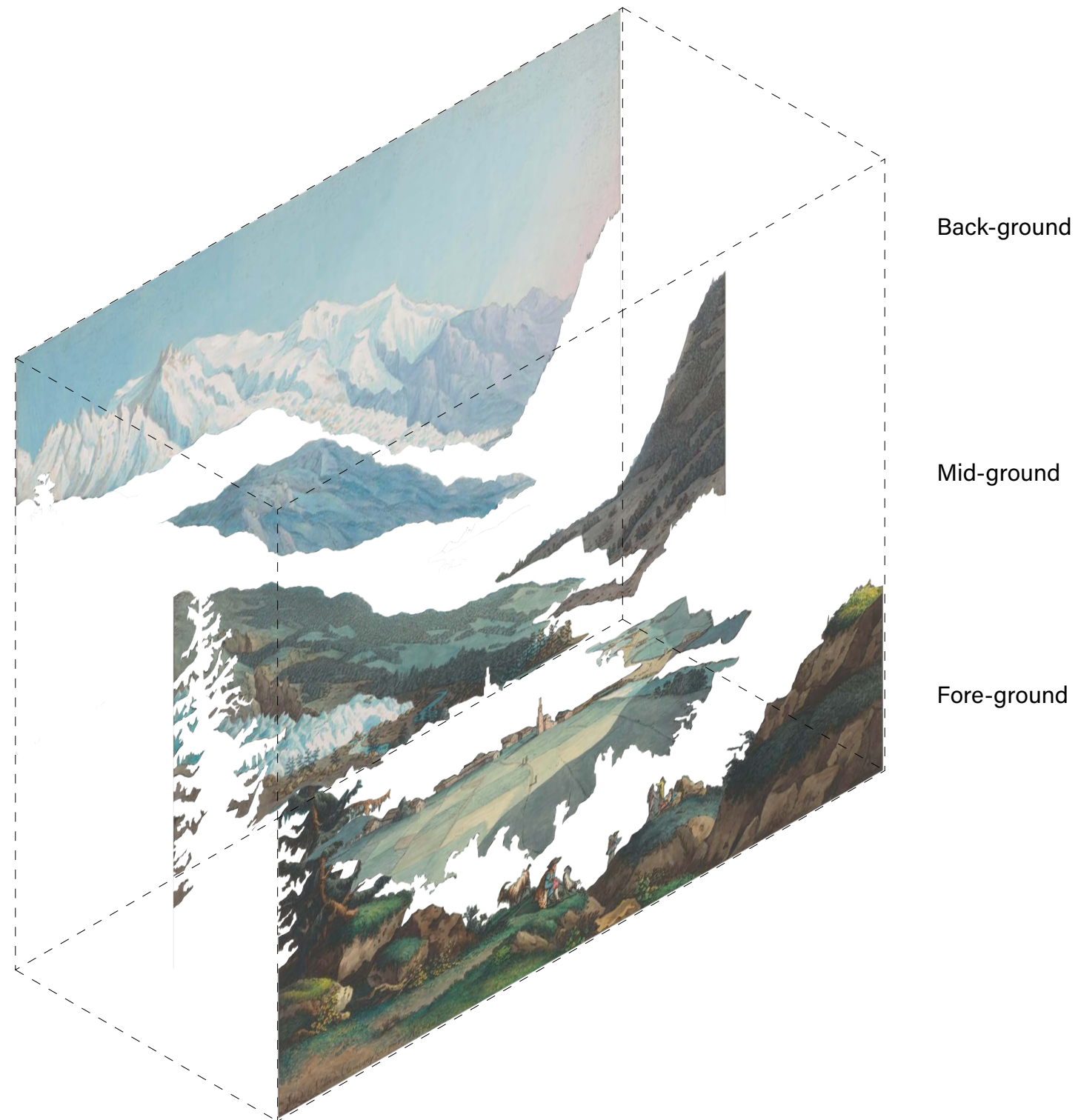
Snow Storm: Hannibal and His Army Crossing the Alps. J. M. W. Turner, 1812.



representation of the alpine landscape
Snow Storm: Hannibal and His Army Crossing the Alps. J. M. W. Turner, 1812. Author's interpretation of work by N. Lafoy.



representation of the alpine landscape
View on the valley of Chamonix. C. Hackert, 1796.

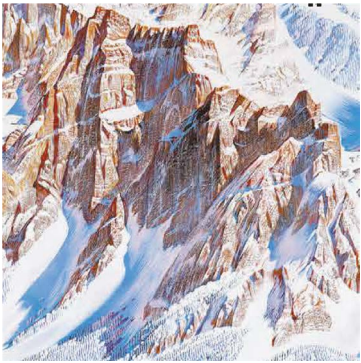
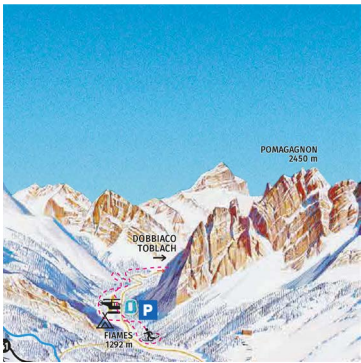
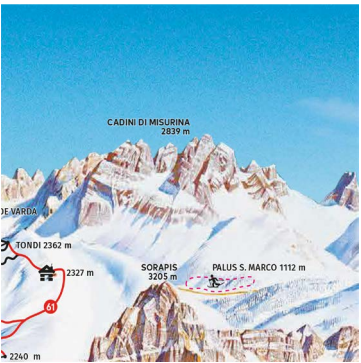
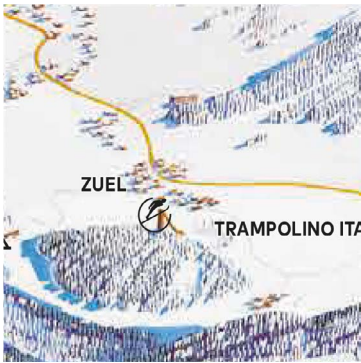
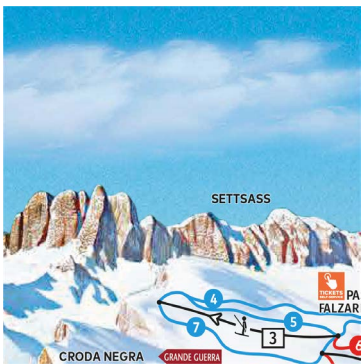
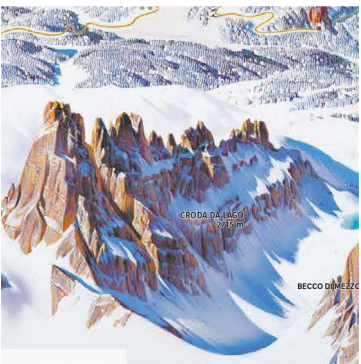
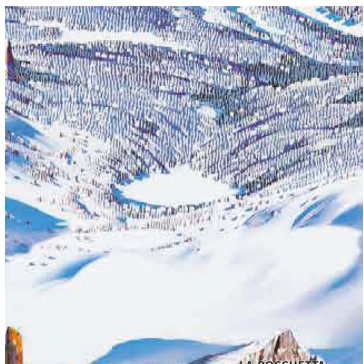


representation of the alpine landscape

View on the valley of Chamonix. C. Hackert, 1796. Author's interpretation of work by N. Lafoy.



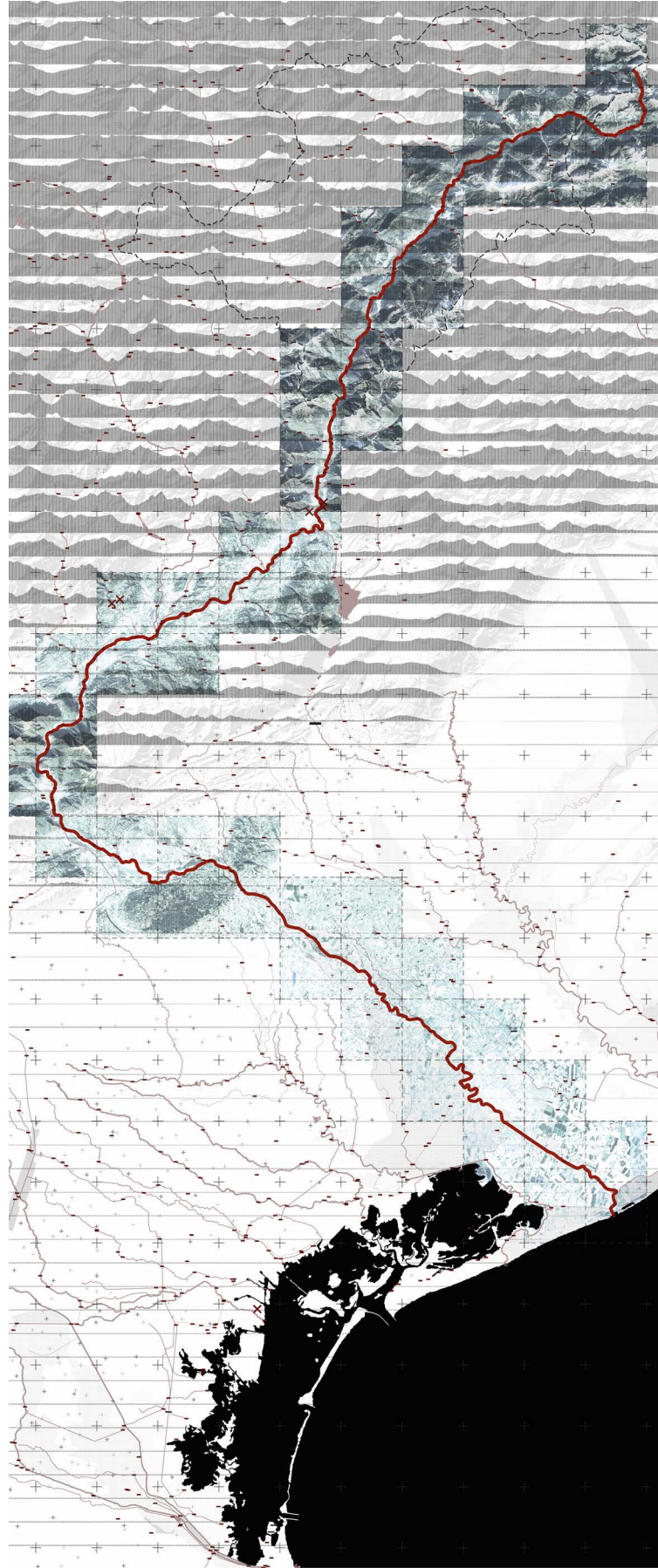
representation of the alpine landscape - *resortification*
Cortina d'Ampezzo ski resort map, 2024.



Fore-ground

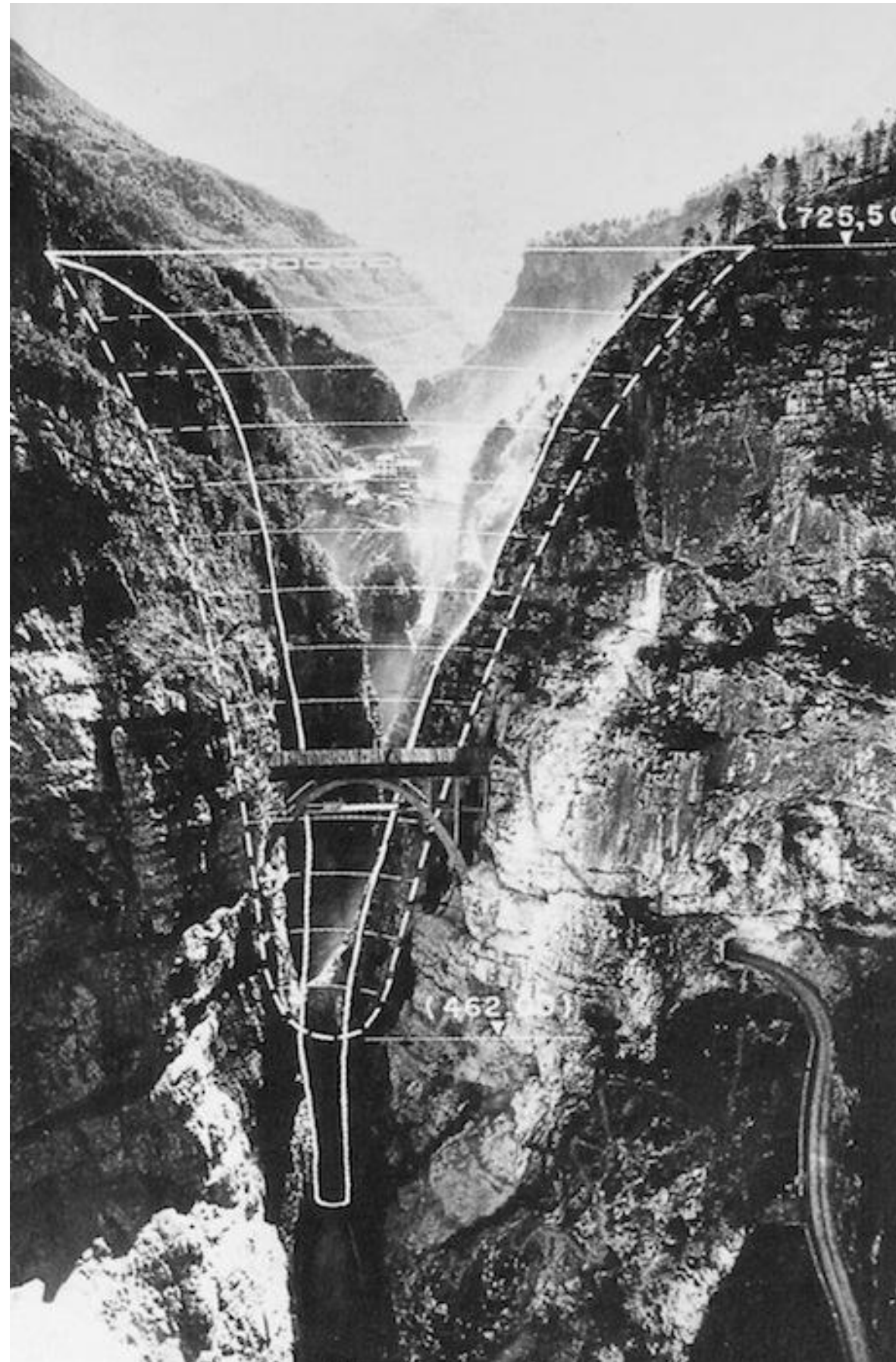
Mid-ground

Back-ground



territorial scale

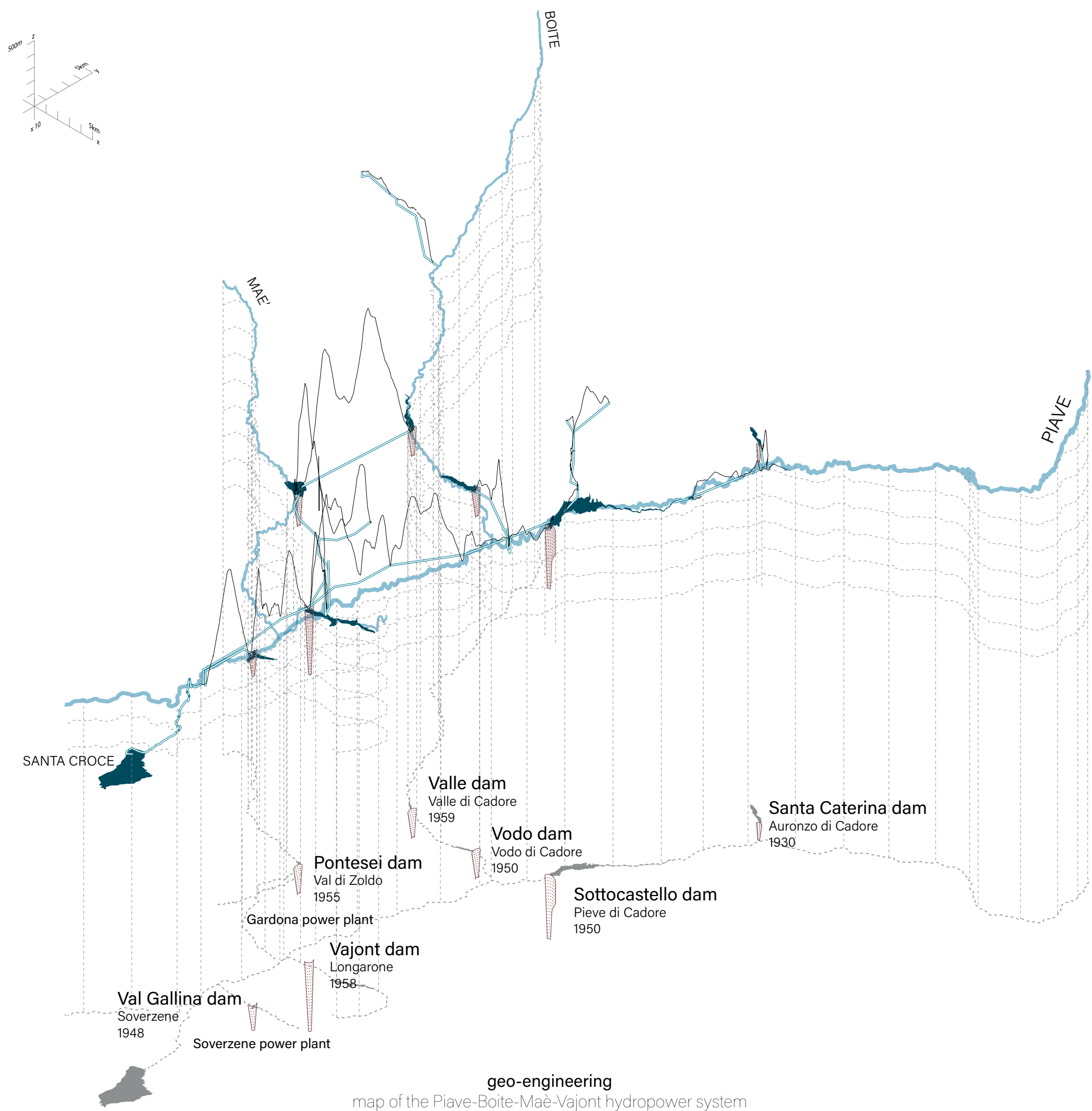
Piave river as the spine of the region.



geo-engineering

Visual representation of the Vajont dam on its construction site.

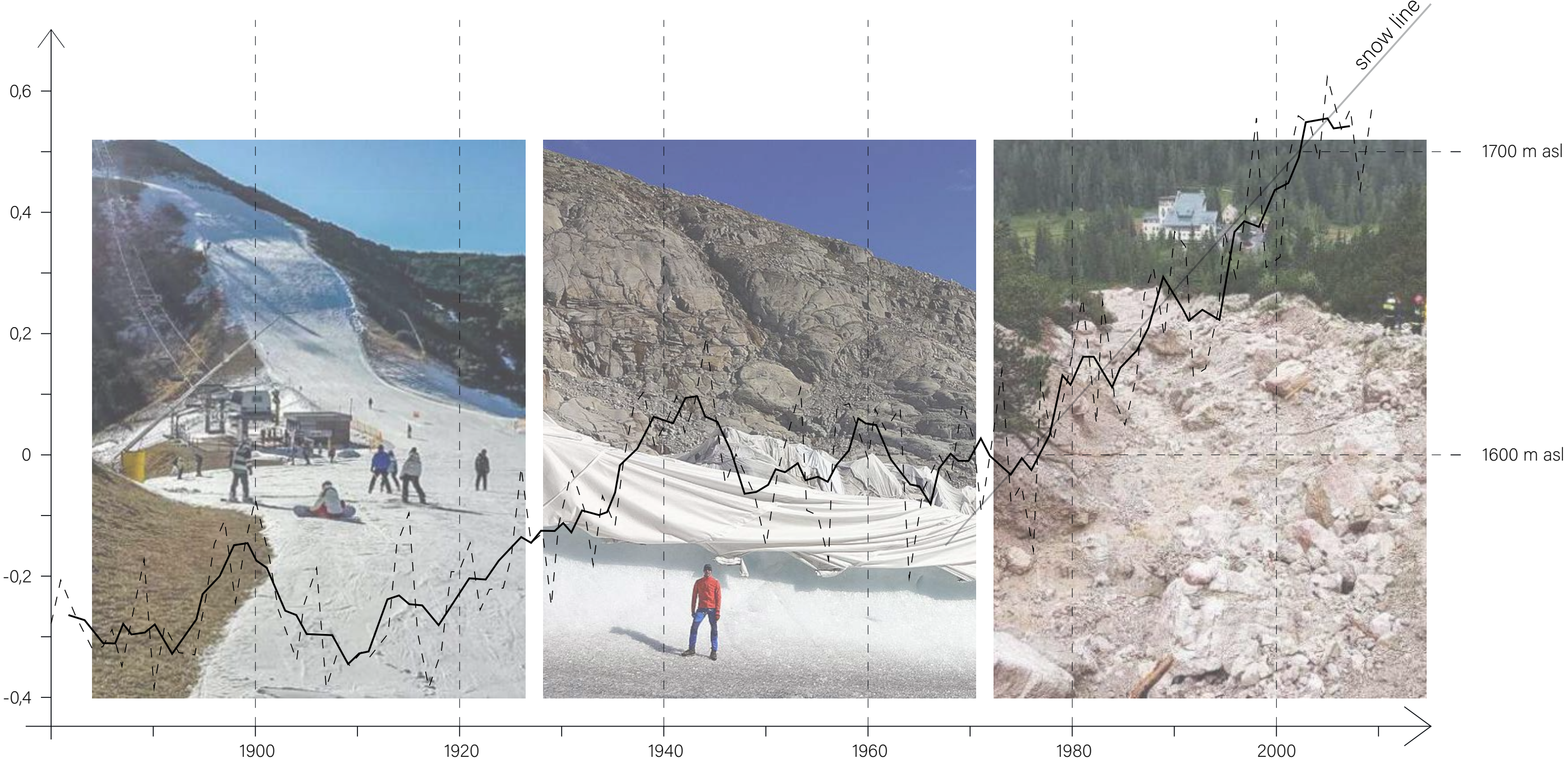




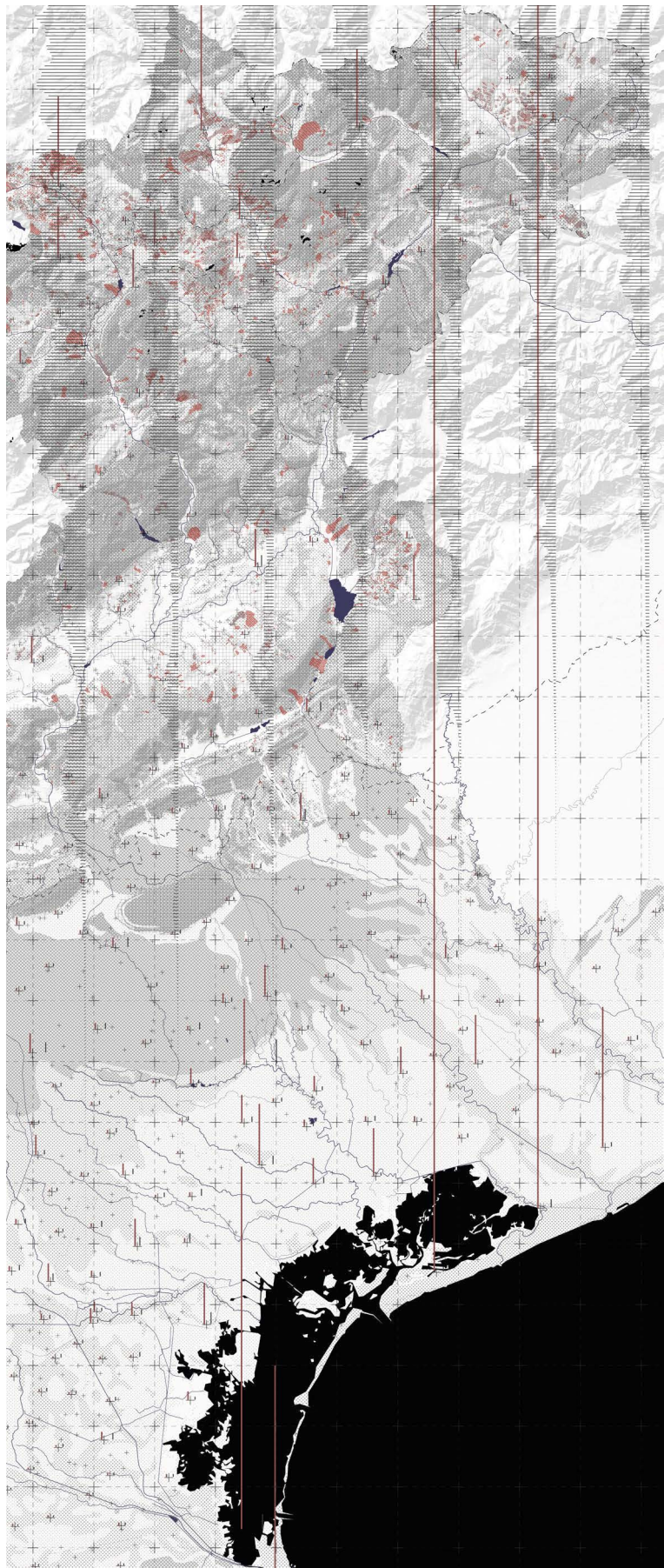




temporality
San Vito di Cadore ski area, 2024



temporality
temperature increase diagram



territorial scale
fragility of a landscape



The landscape condition
mosaic of forms of inhabitation in the Cadore region.

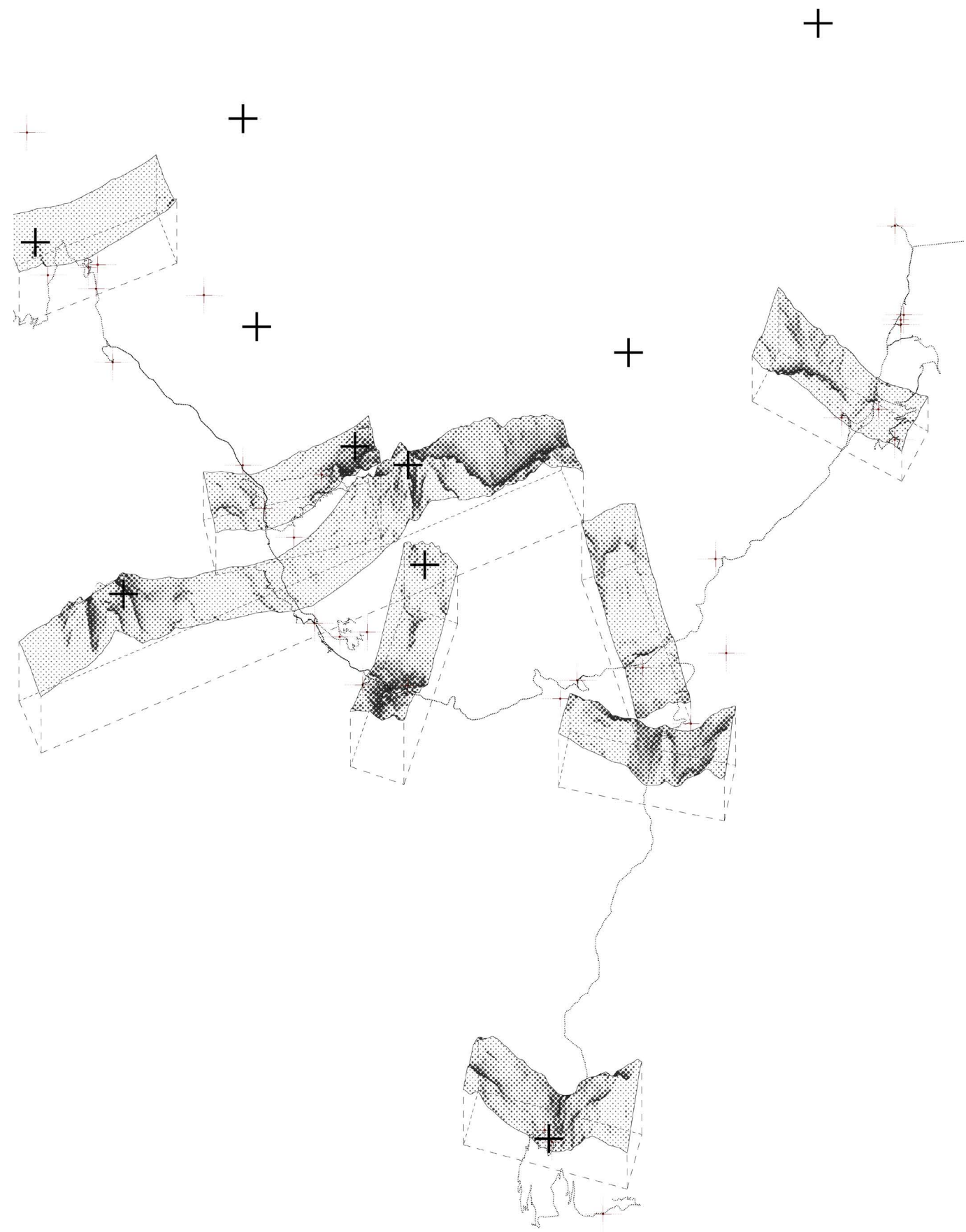


What could the role of the architectural practice be in engaging with the complexity and uncertainty of the future scenarios of this landscape?

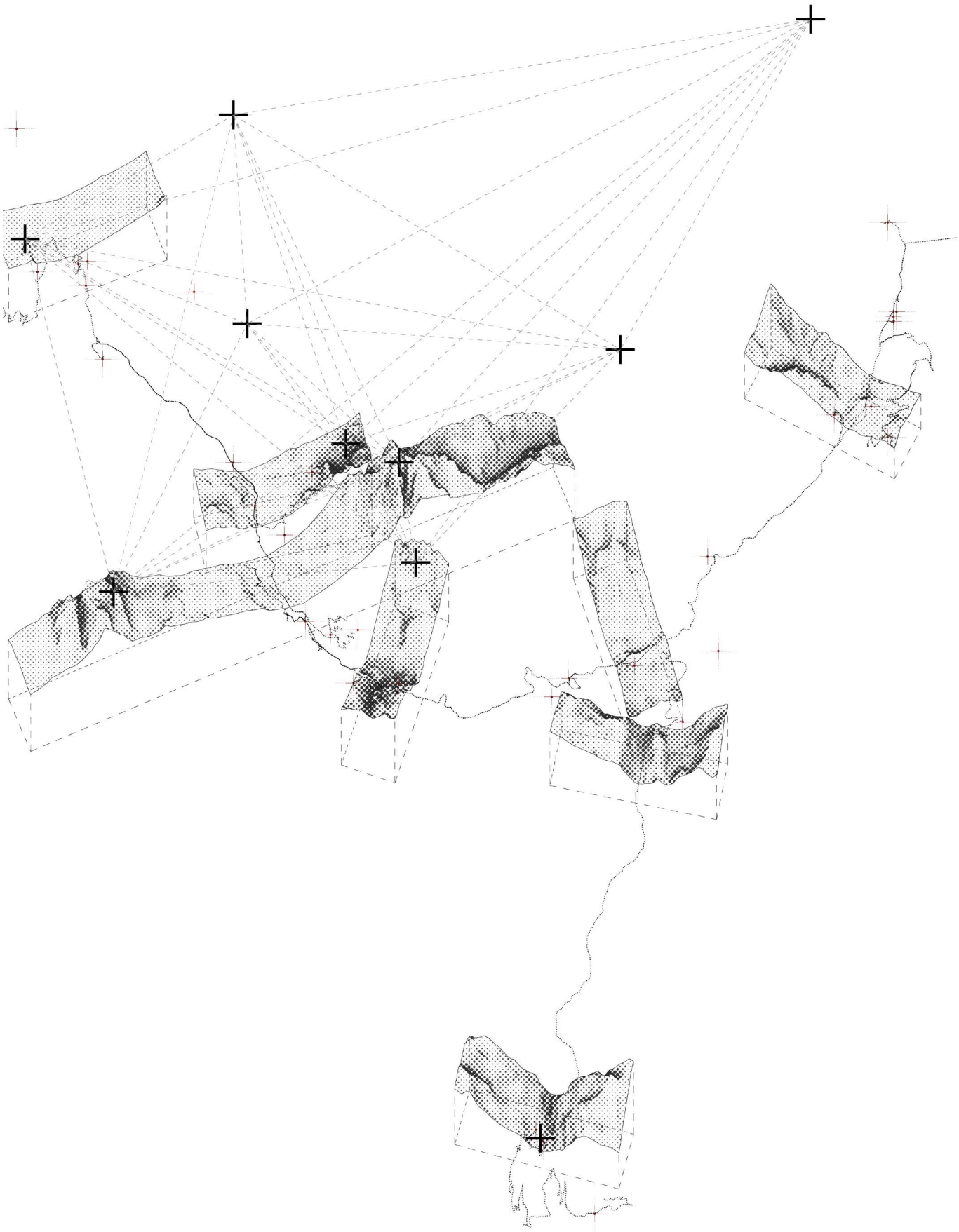
transfigurations



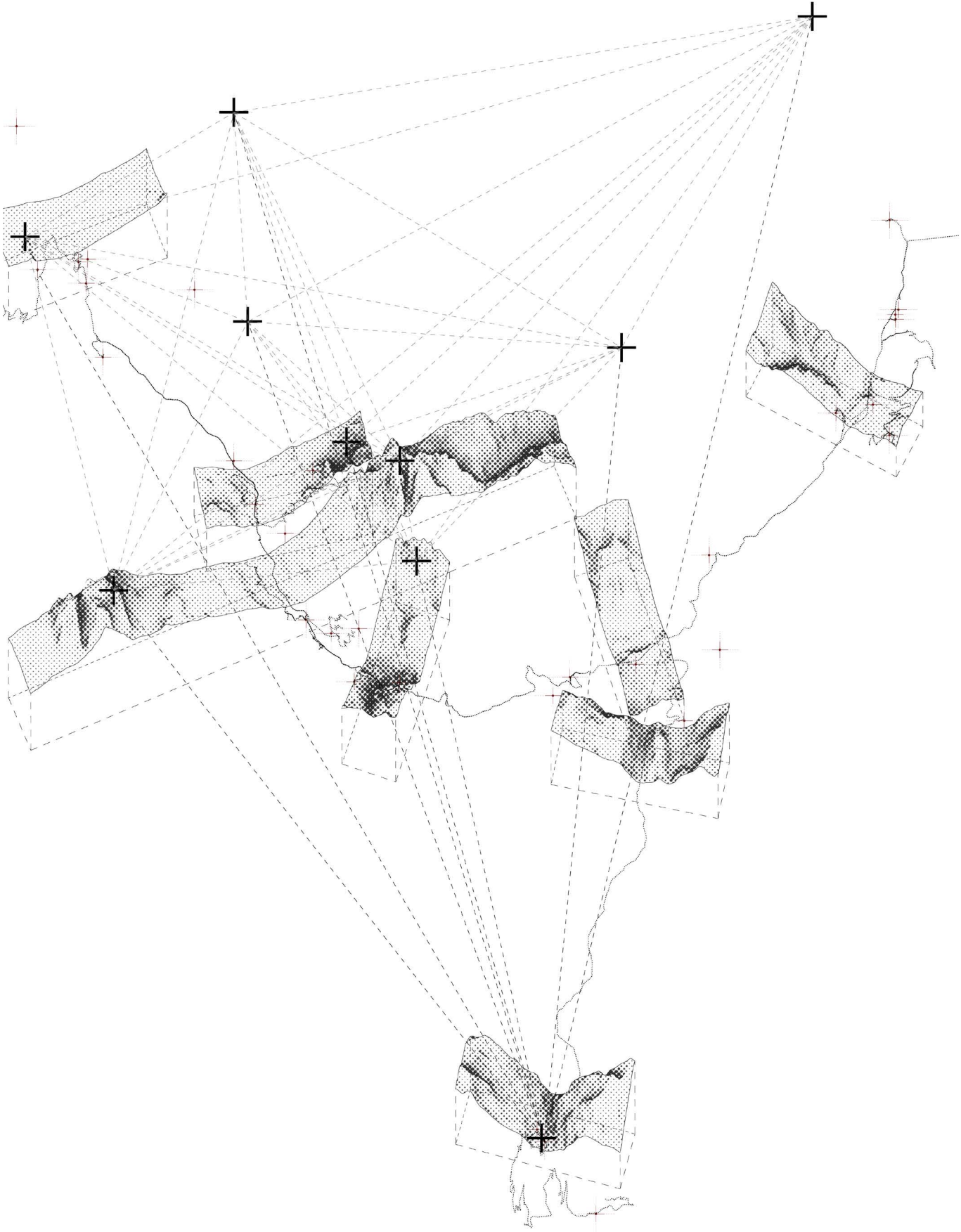
measuring transformations
diachronic analysis of the Marmolada glacier, 1910-2022



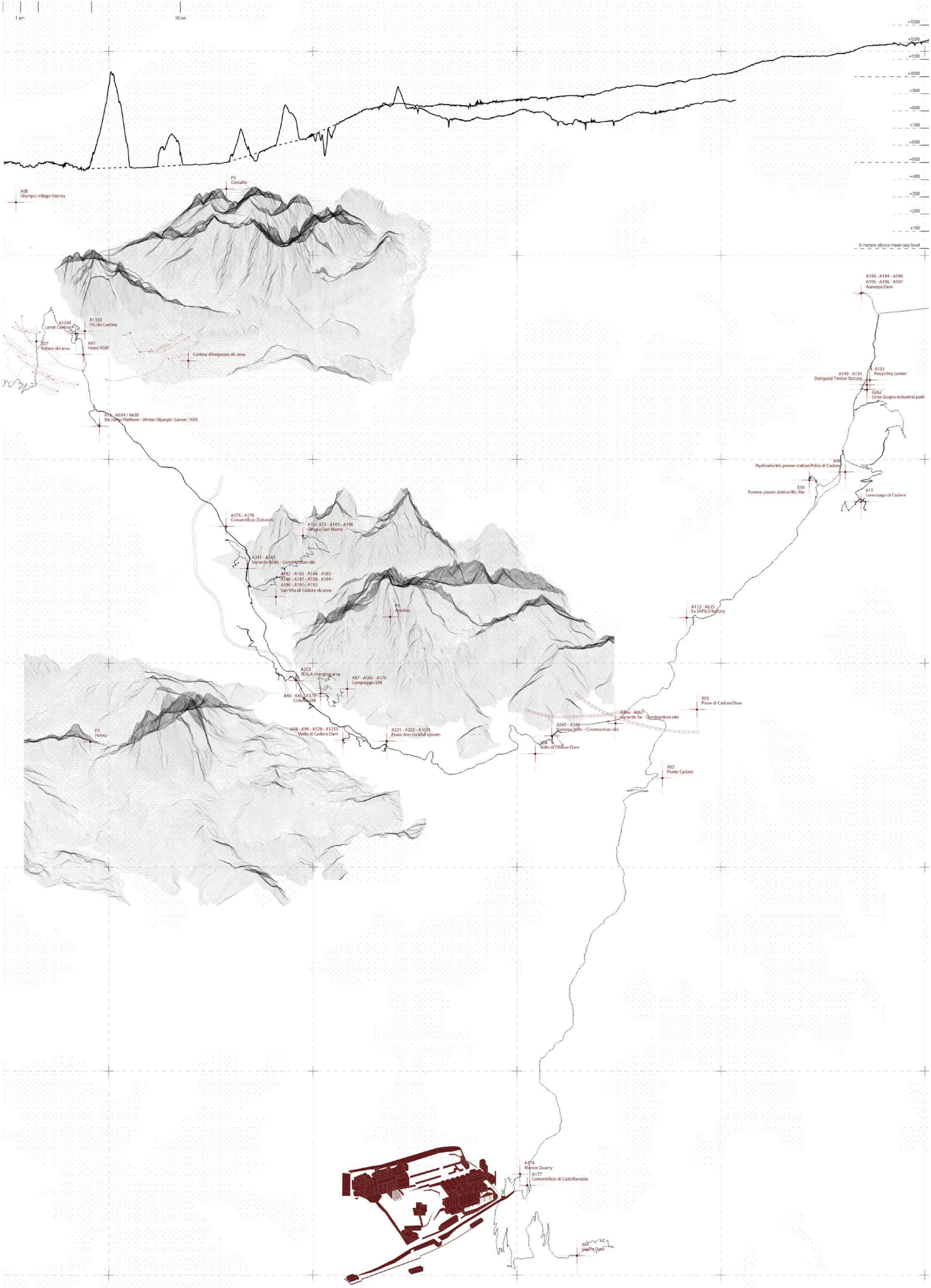
Masterplan
from landmarks to hotspots



Masterplan
from hotspots to network



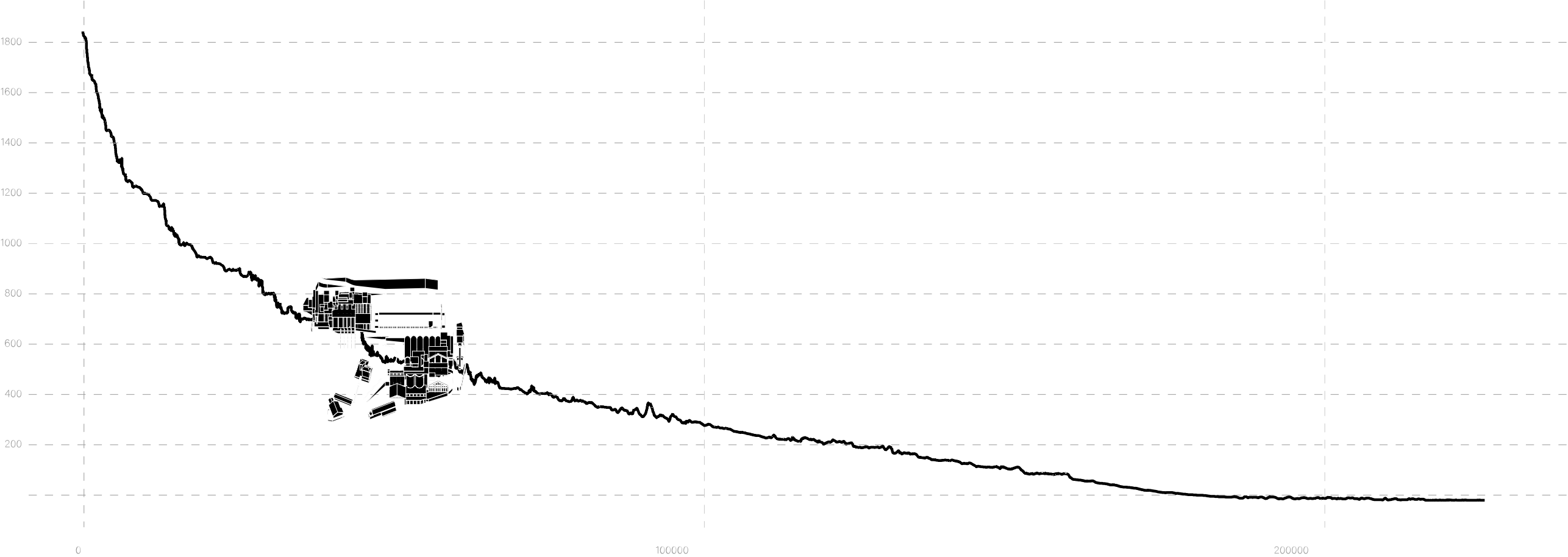
Masterplan
from network to system





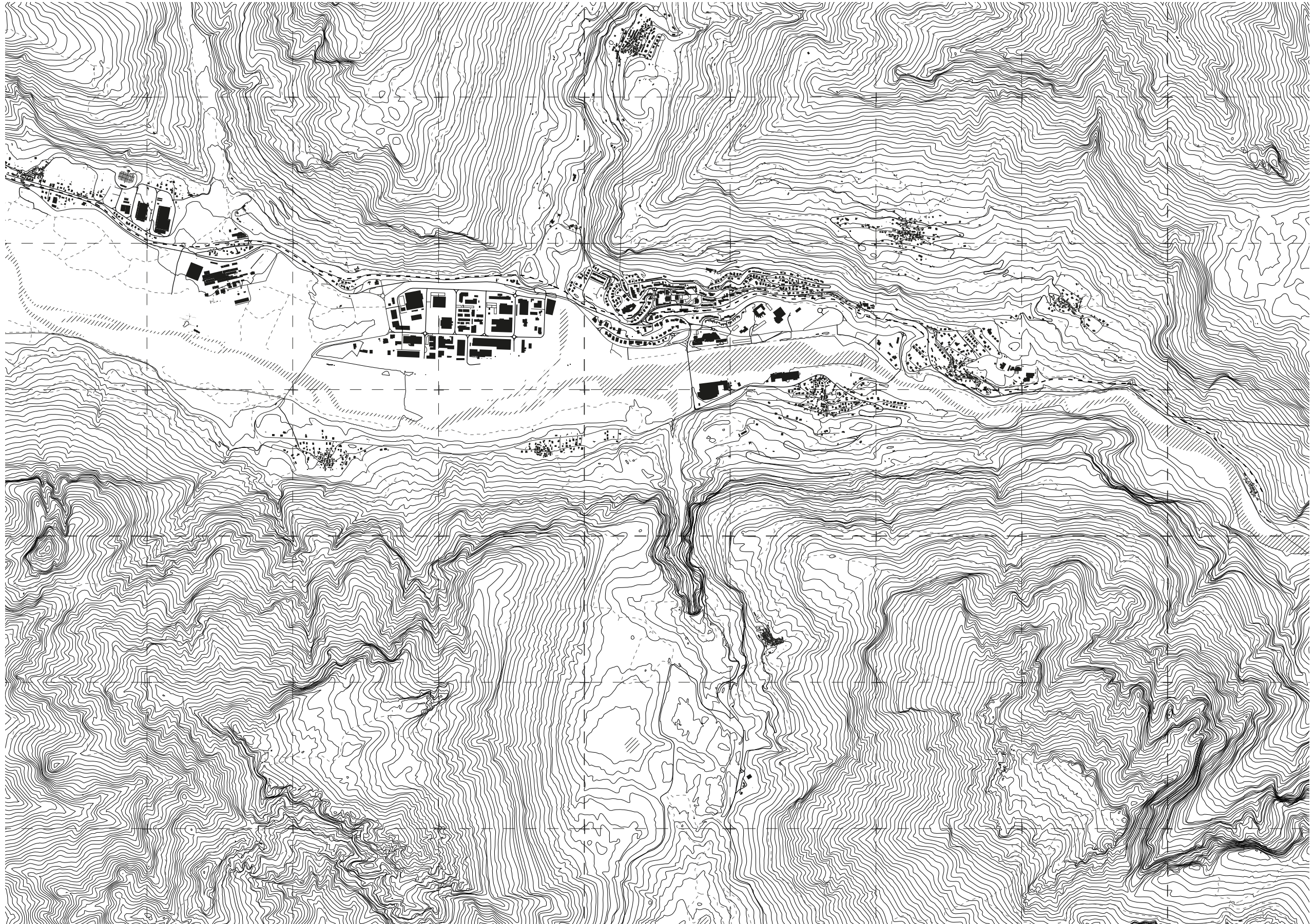
digestion + absorption

impression of demolished chunk of the Cement factory becoming the observation station

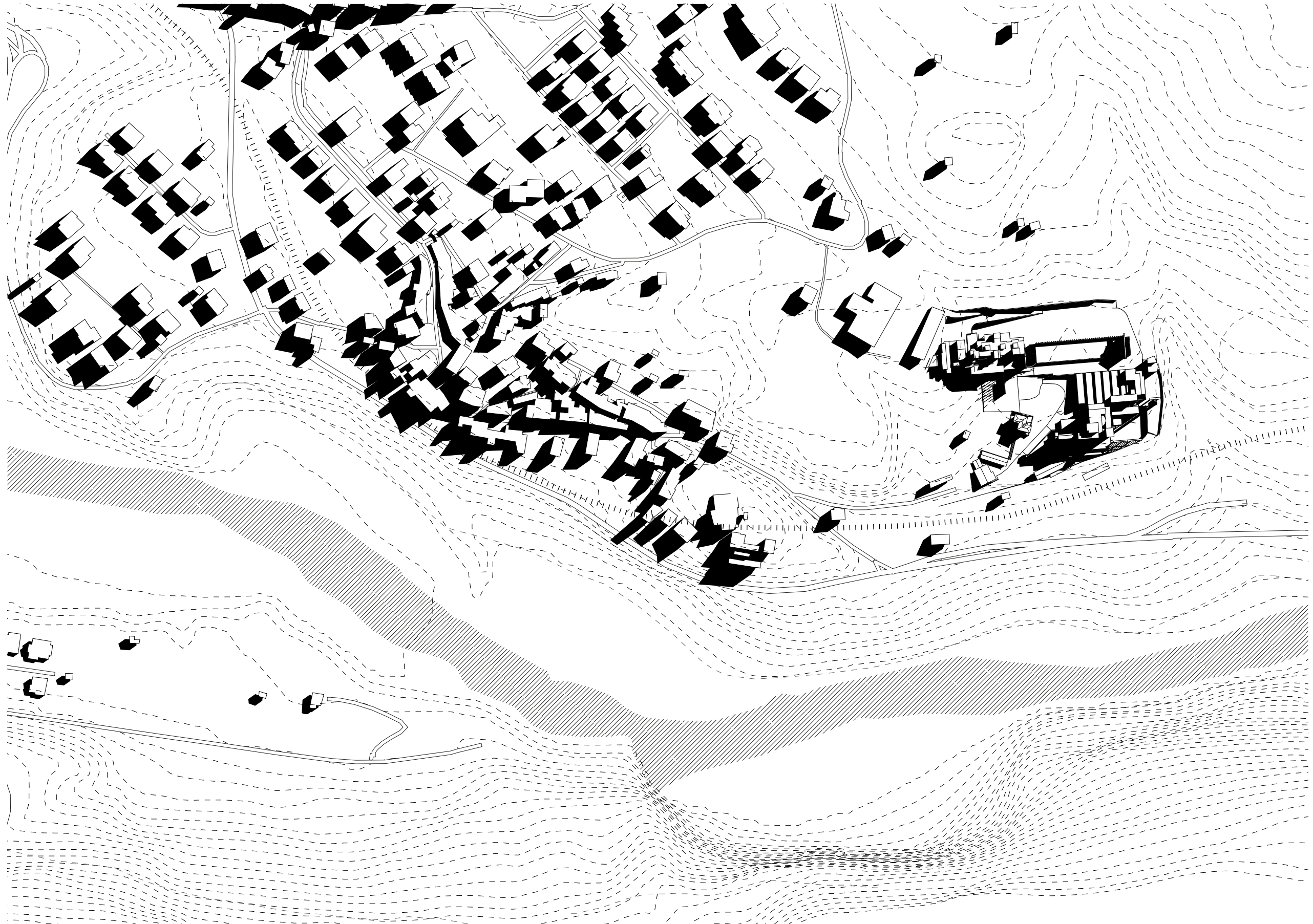


One basecamp
Location of the project site along the Piave river course

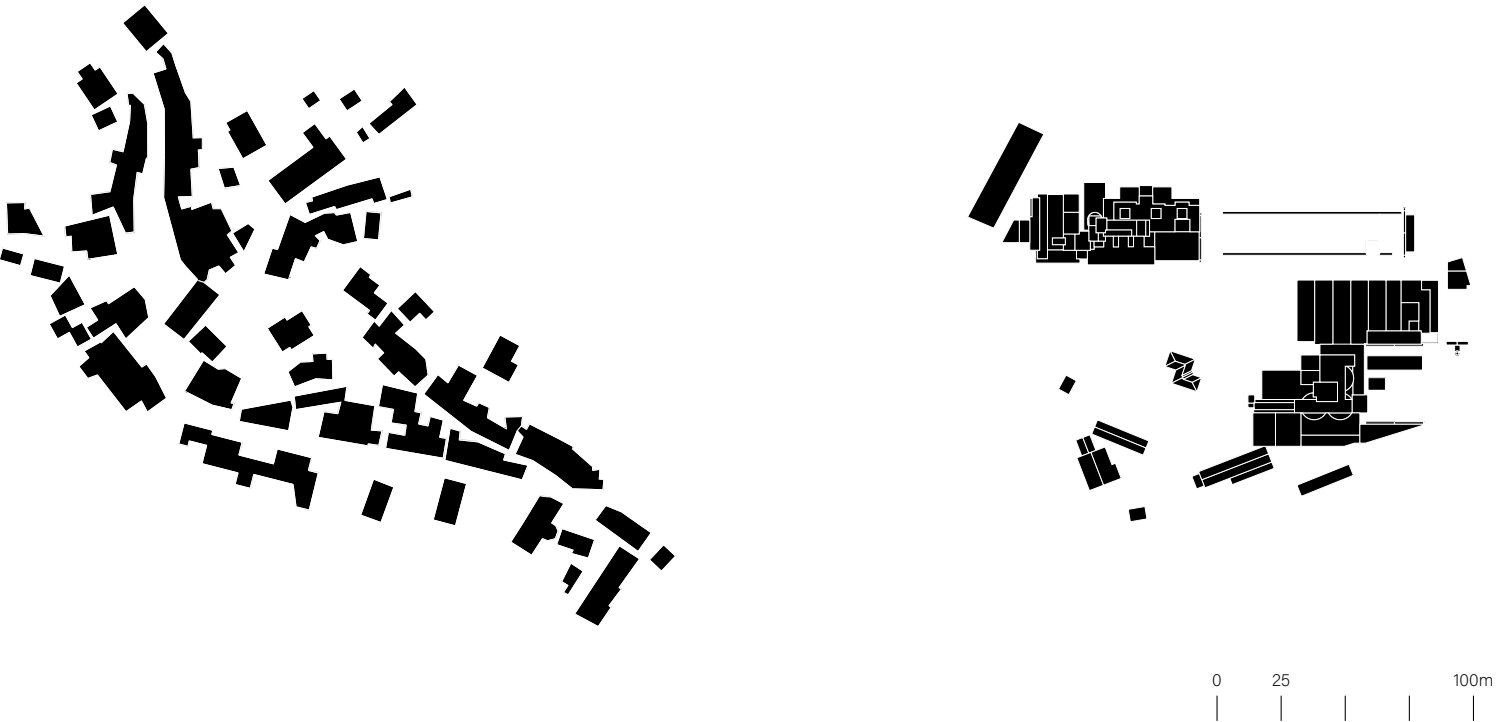
II. One site



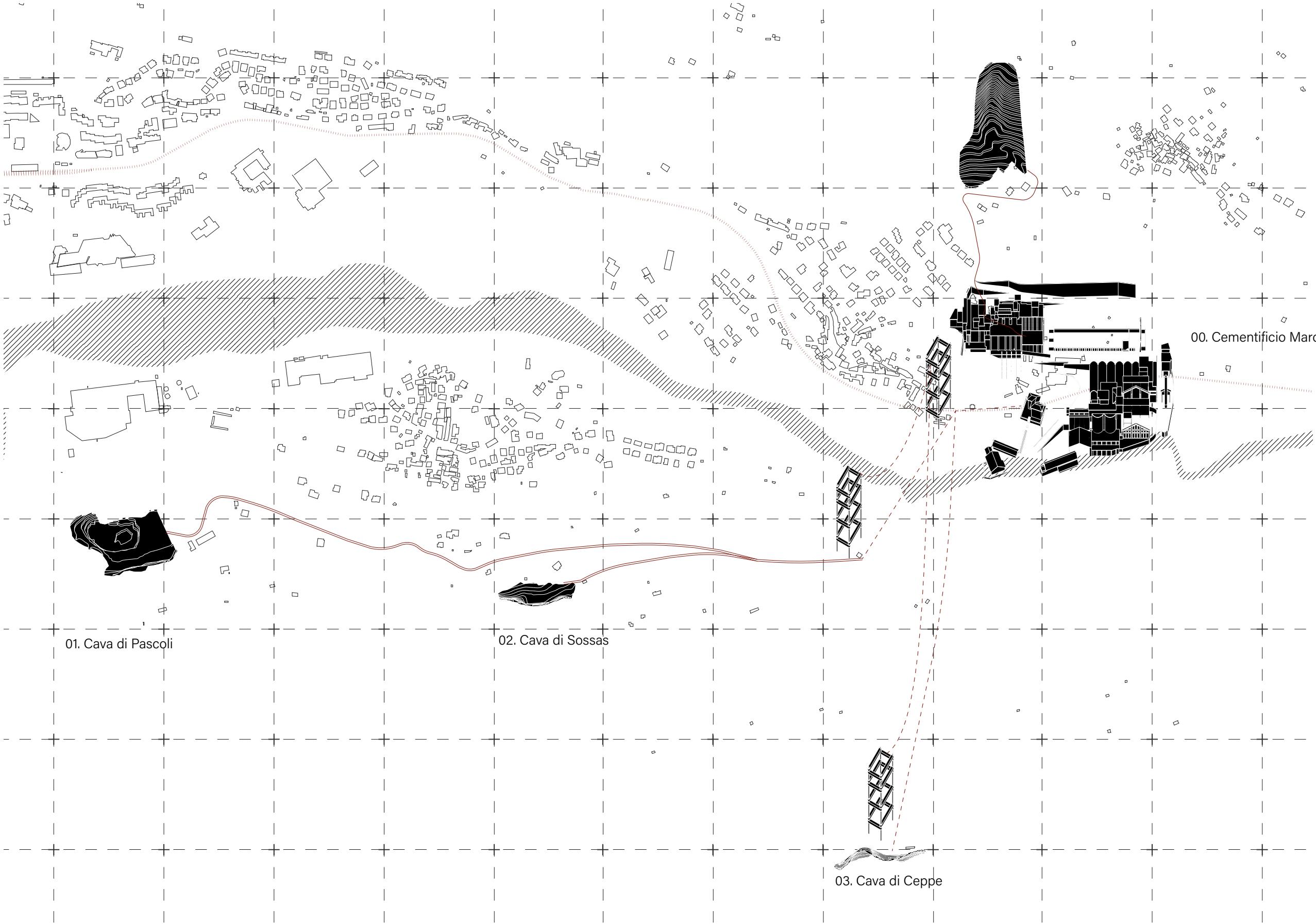




situating the object
urban scale



architecture as a form of measure of the landscape
confrontation of the factory and the urban center of Castellavazzo



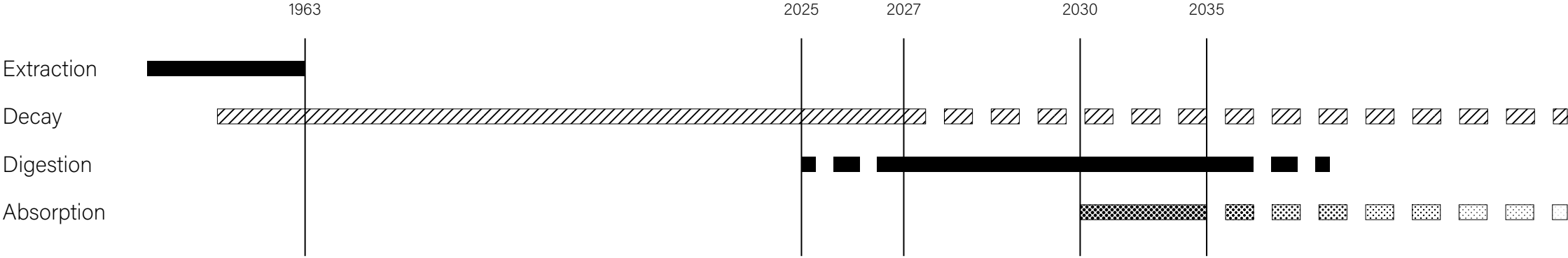
situating the object
map of the extraction sites



understanding the site

Historical image of the former Cement factory of Castellavazzo, 1930s

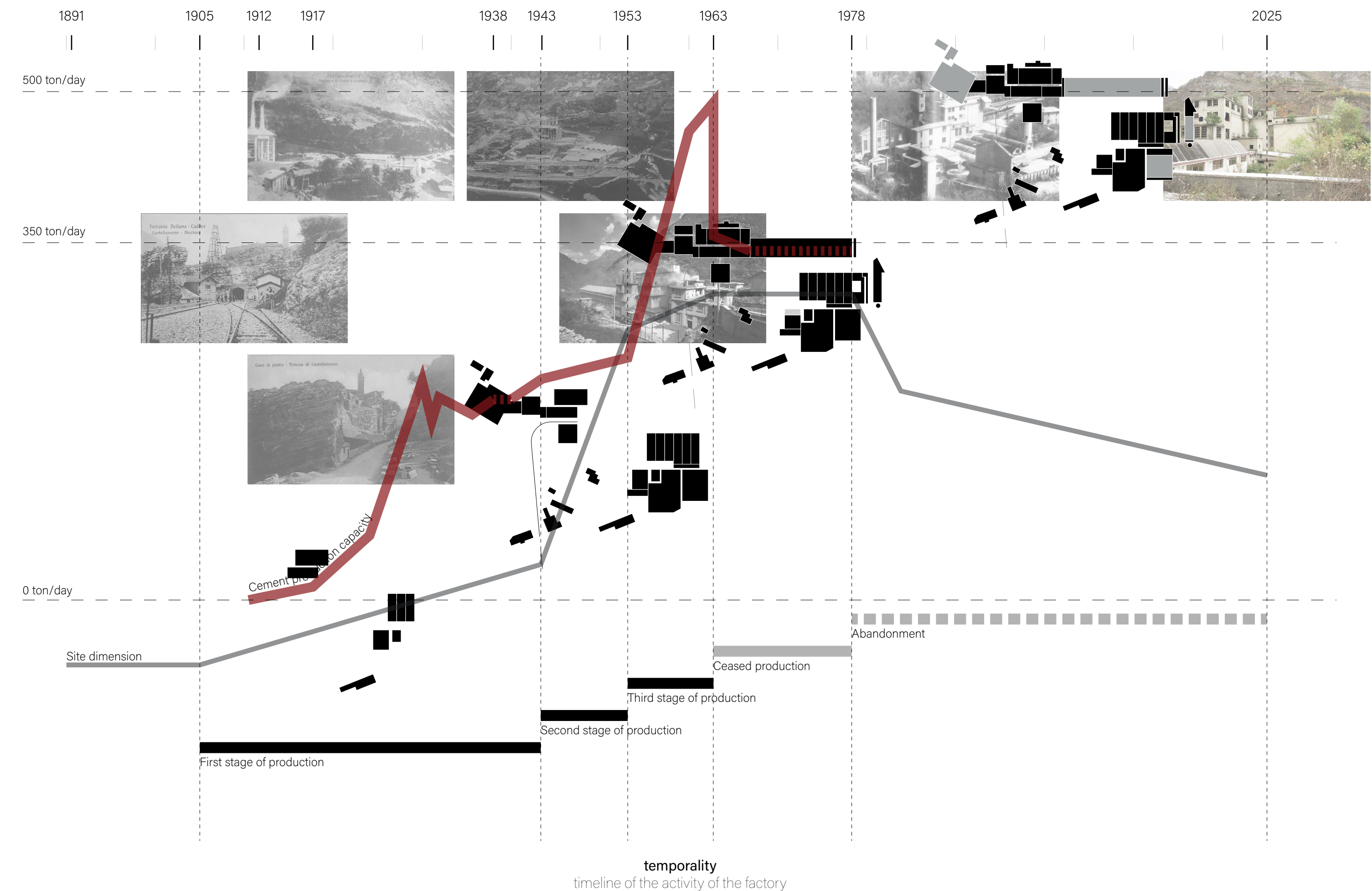
III. Transfigurations



temporality
time line of site transformations

III. Transfigurations
Decay

transfigurations





condition

former Cement factory of Castellavazzo, 2024



confronting the landscape

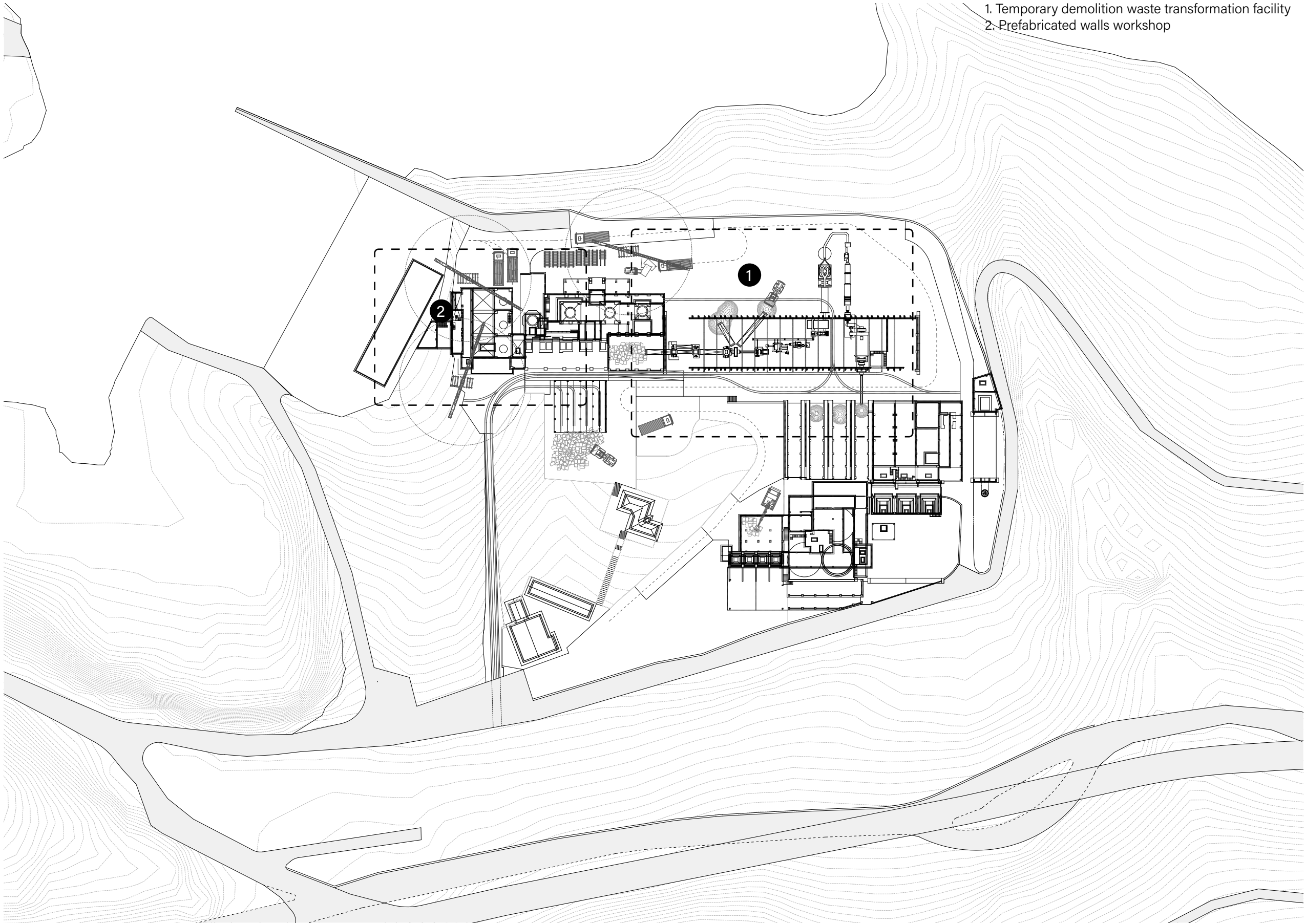
Elevation view of the site from the opposite side of the river

III. Transfigurations
Digestion



transforming

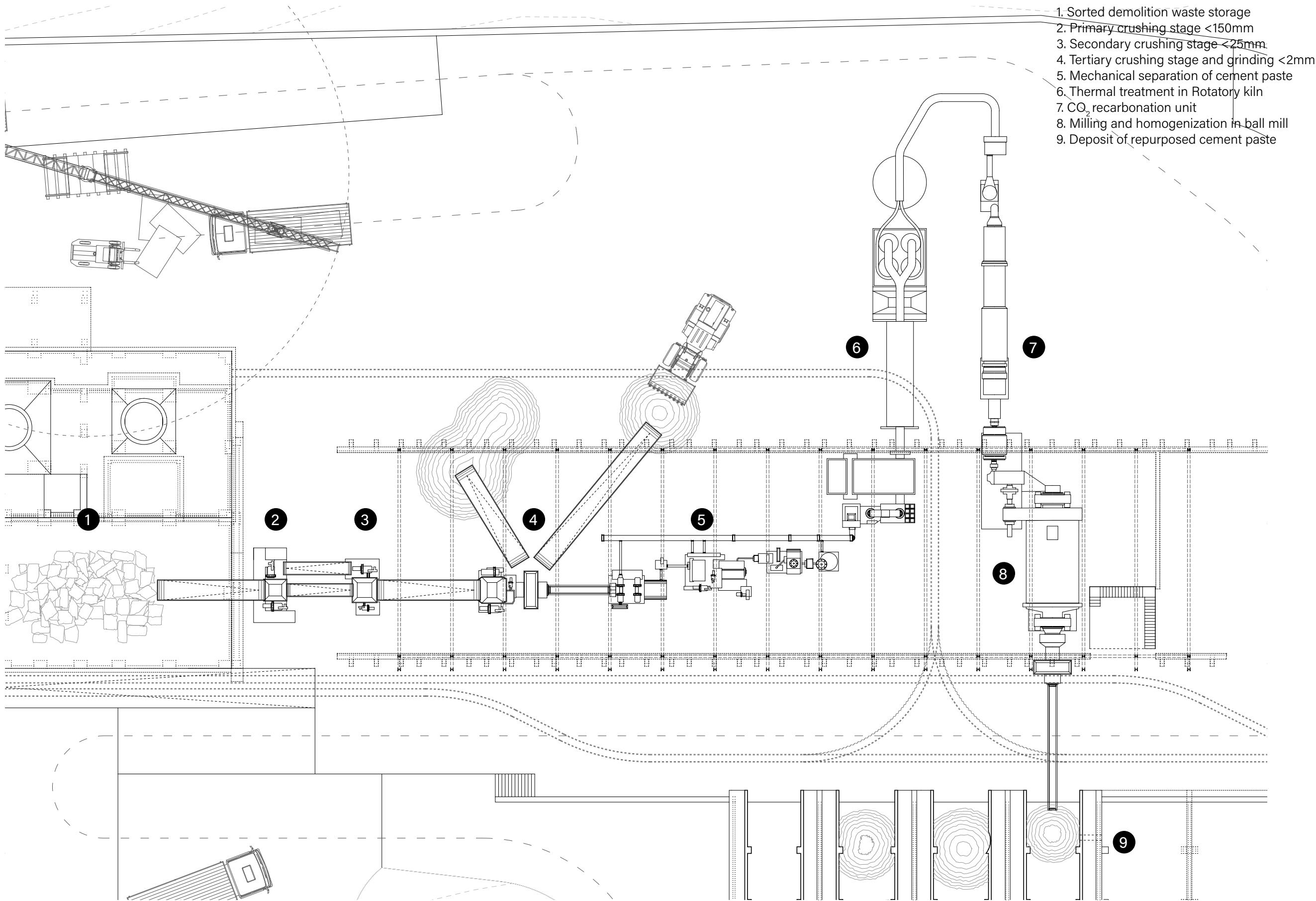
Elevation view of the site from the opposite side of the river in the second stage of the project



- 1. Temporary demolition waste transformation facility
- 2. Prefabricated walls workshop

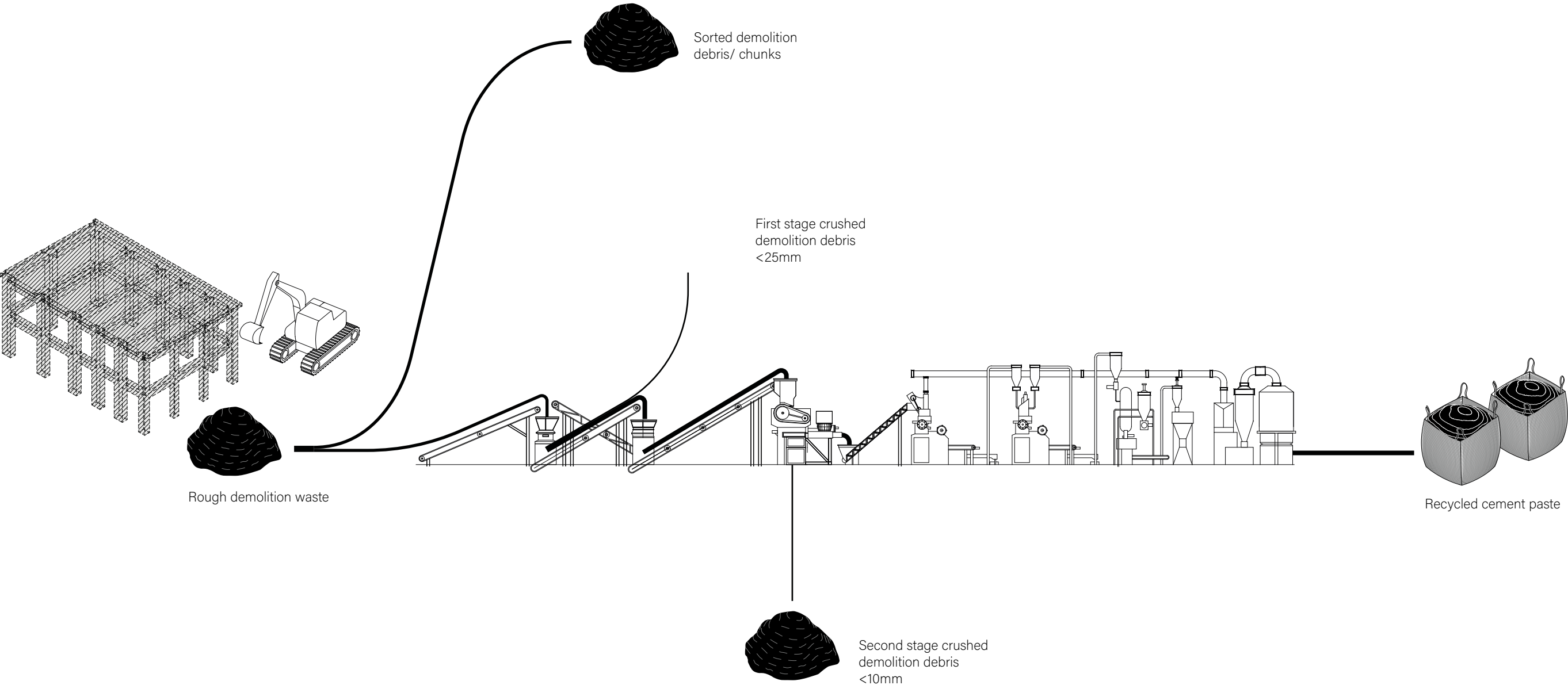
transforming

Site plan in the second stage of the project, 1-500.



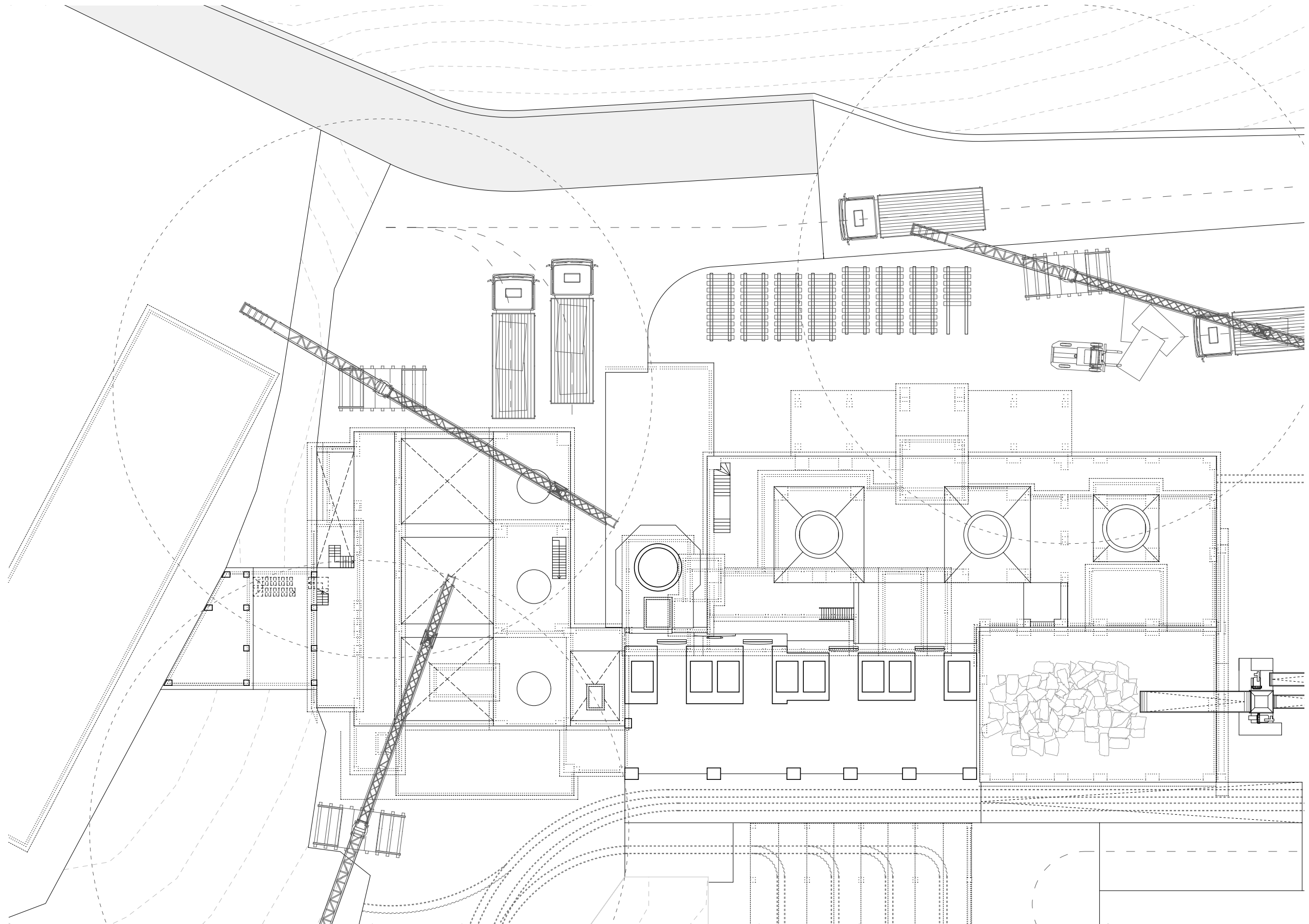
transforming

Processing plant plan in the second stage of the project, 1-100.



transforming

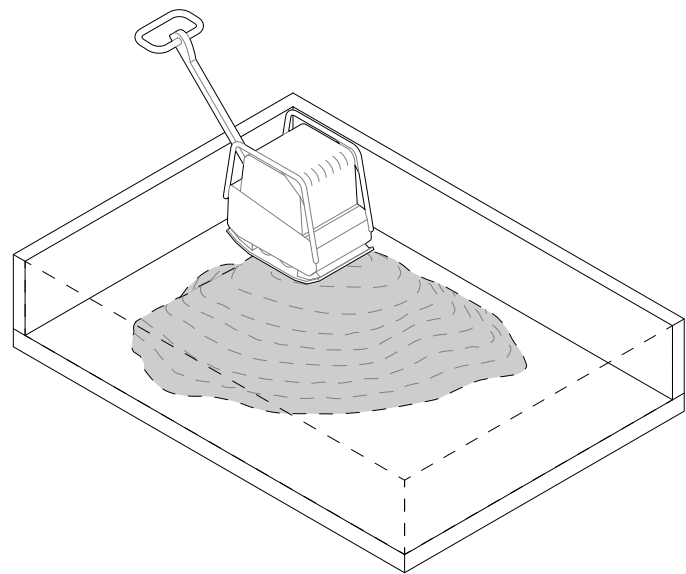
Diagram of processing of demolition waste material



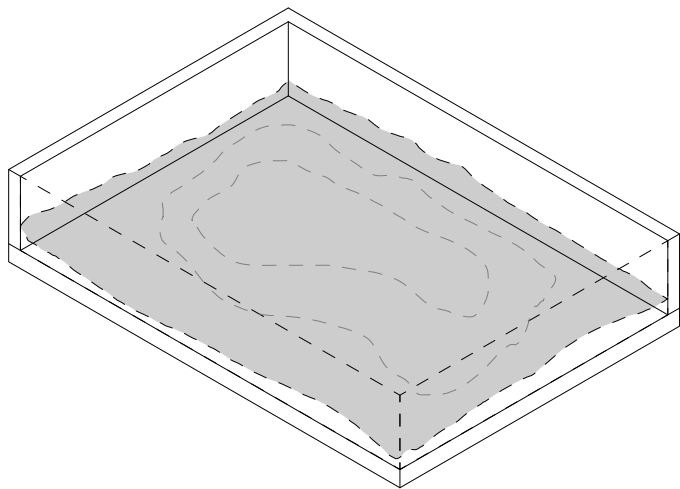
transforming

Workshop plan in the second stage of the project, 1-100.

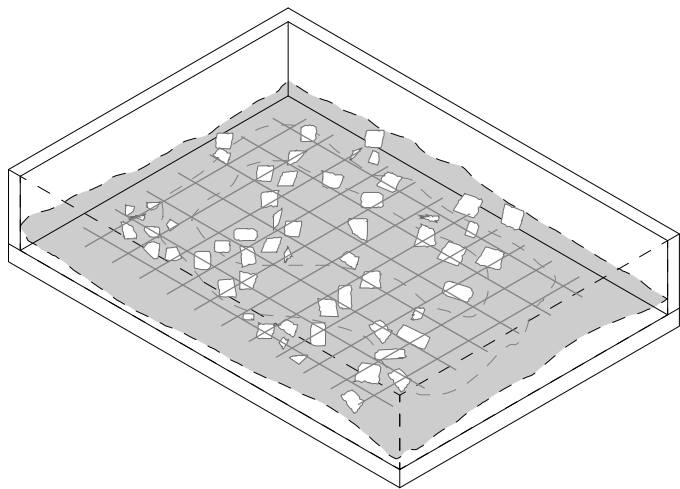
Reusable formwork



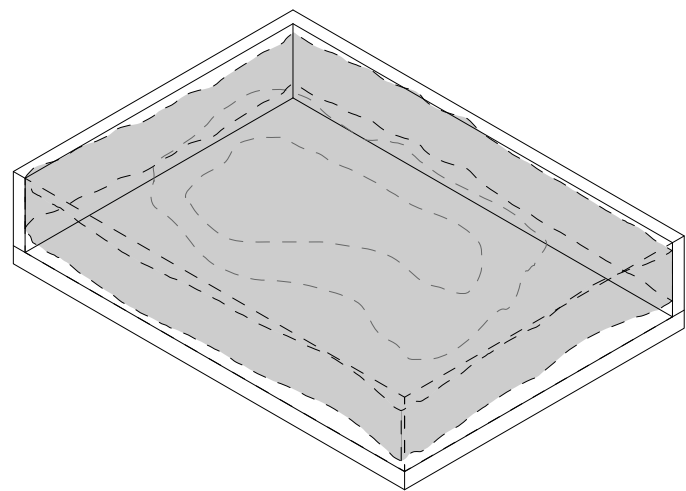
Pressed sand base



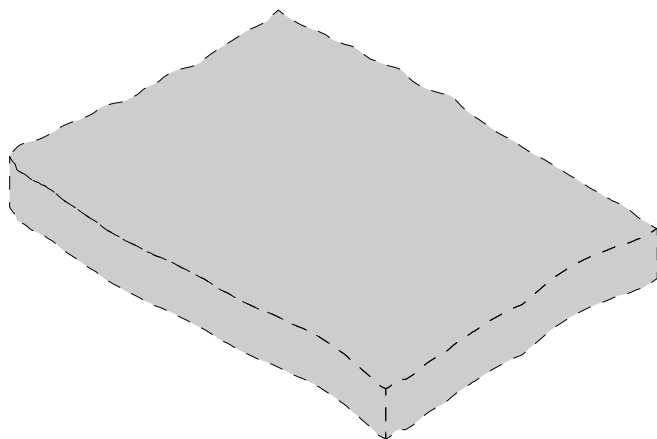
Addition of coarse demolition debris and rebars



Fill up with mix of finer grain debris, recycled cement paste and cement



Let sit for 30 days for full capacity of concrete



transforming

Diagram of up-cycling waste material of demolitions

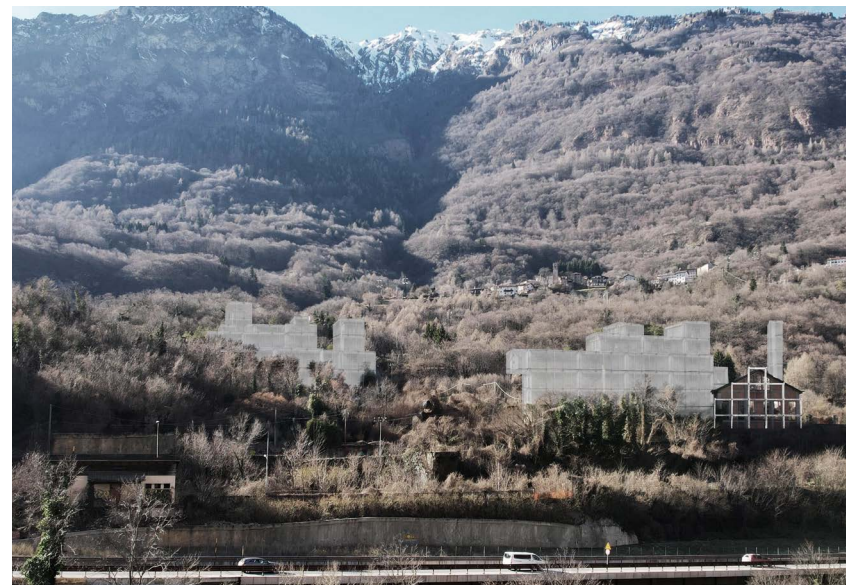
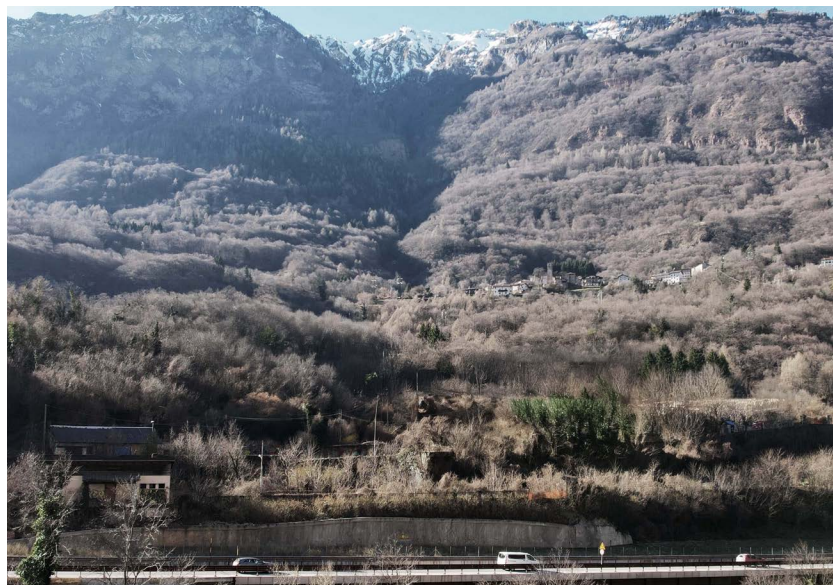
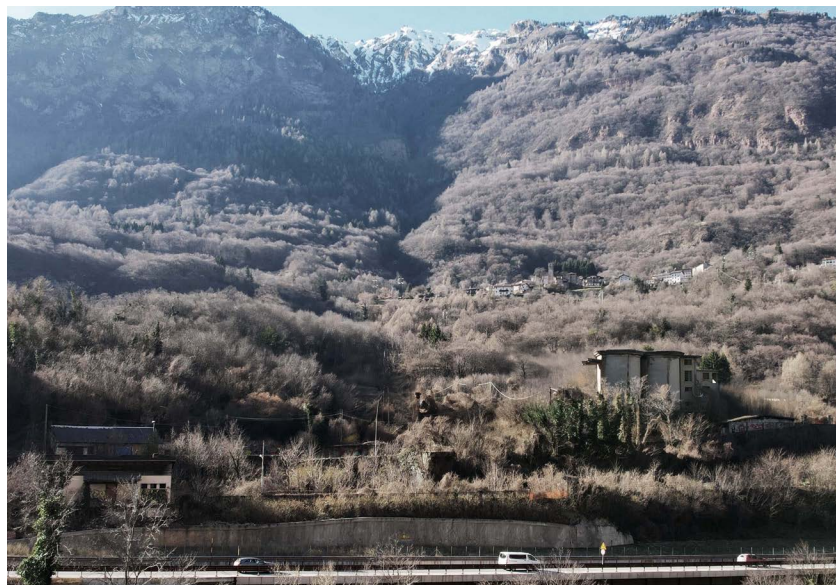
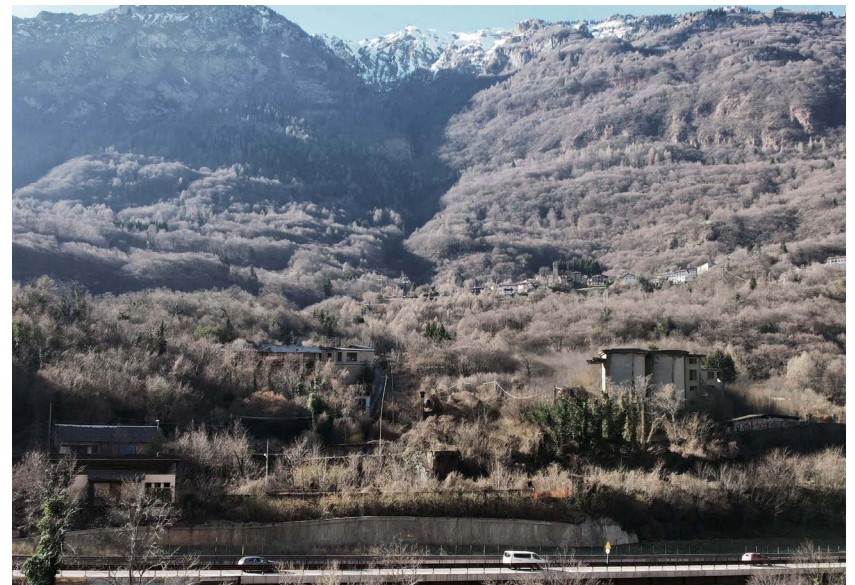
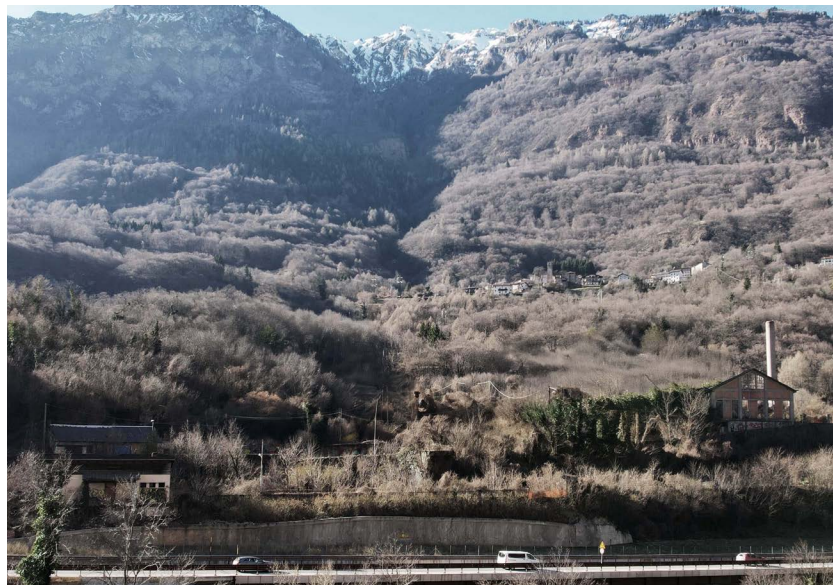
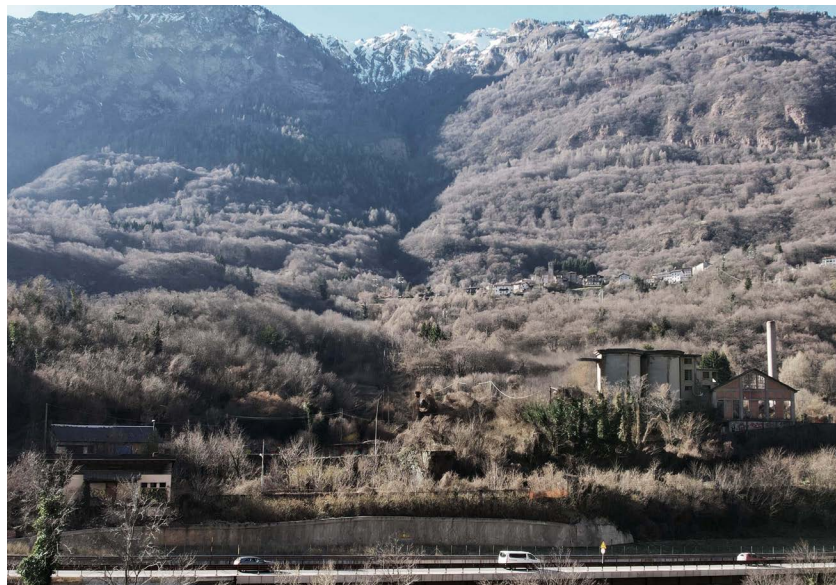
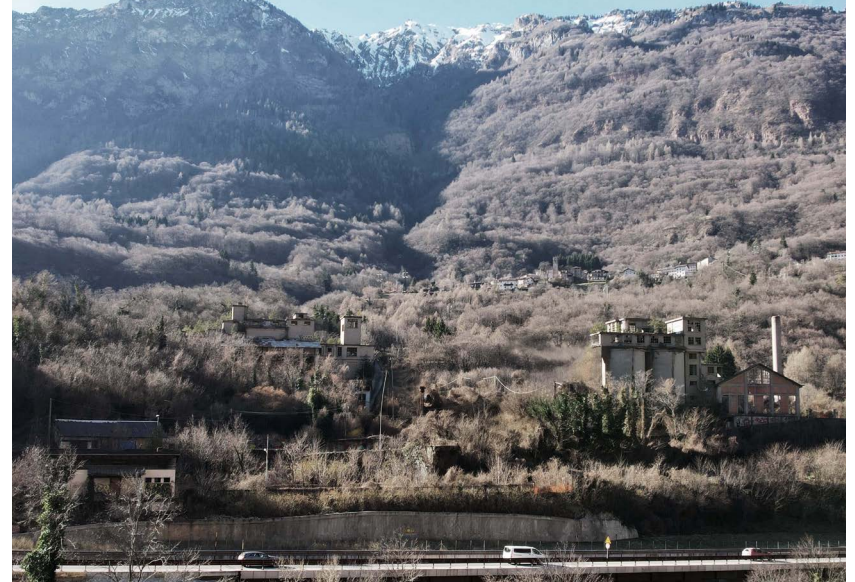
transfigurations



absorption

III. Transfigurations
Absorption
reducing

transfigurations

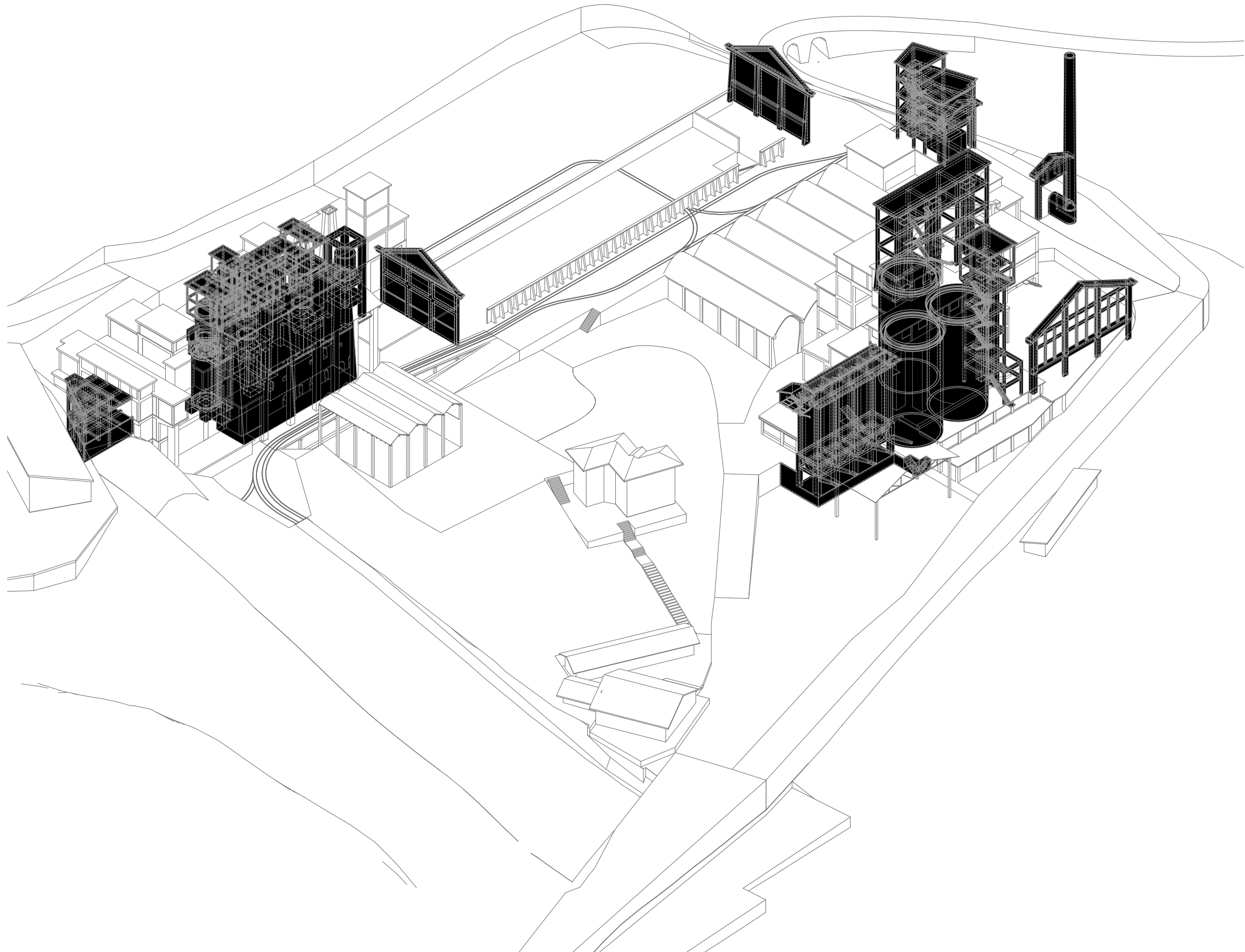


confronting the landscape
Design iteration of reduction of scale and subtractions



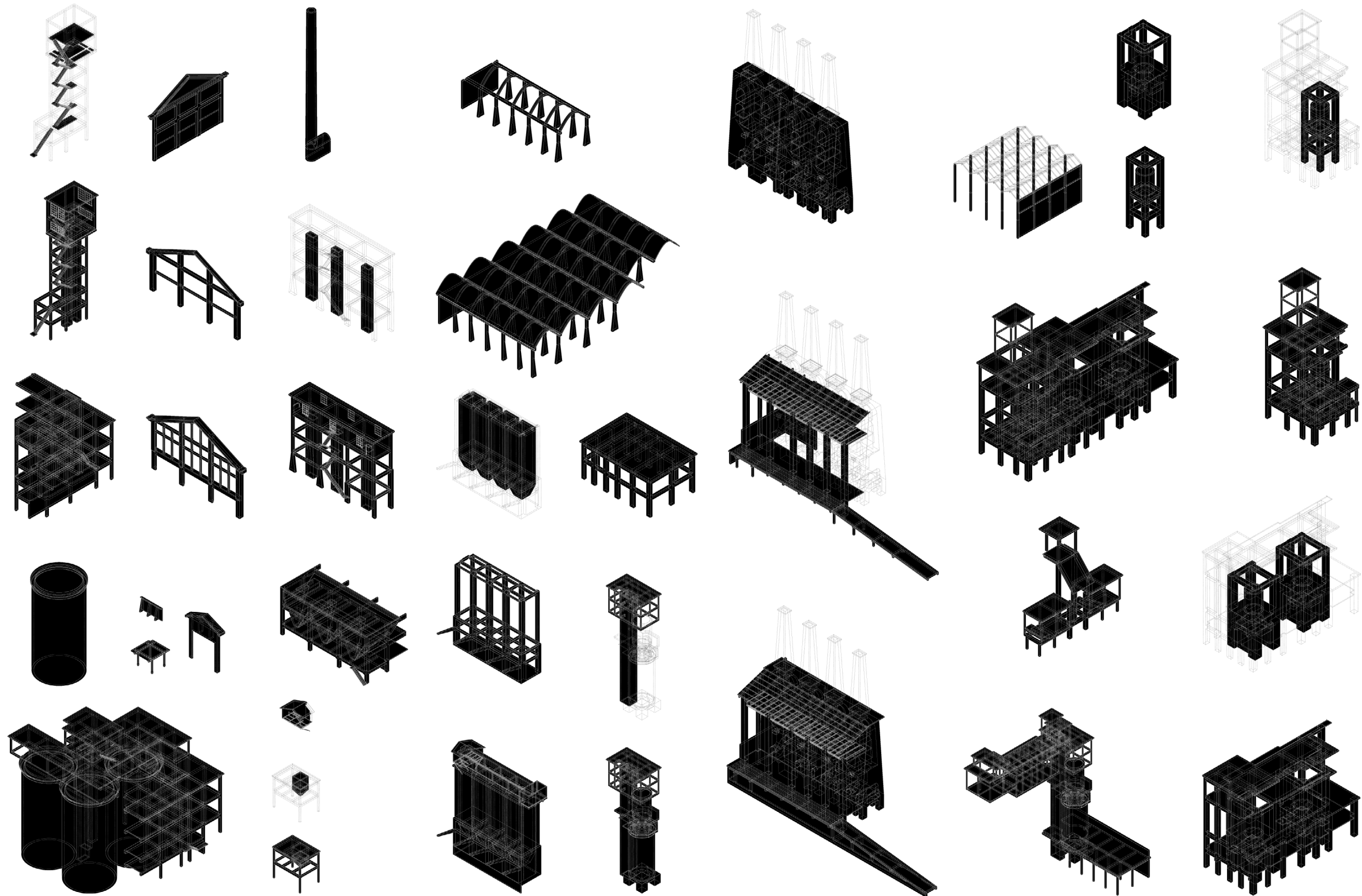
reducing

Elevation view of the site from the opposite side of the river with demolition proposal



assessing the object

axonometric representation of built objects by heritage and historic value



assessing the object

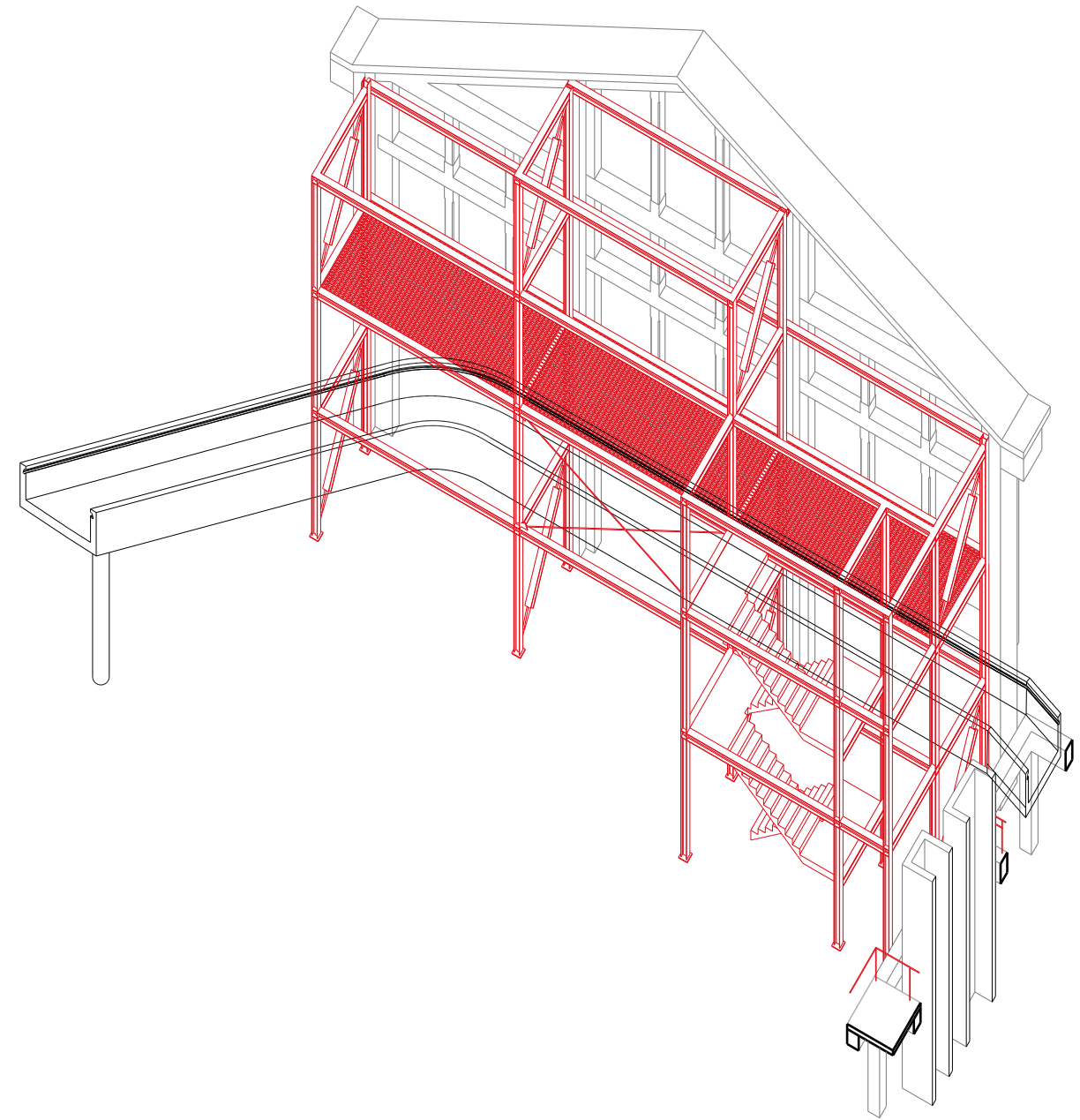
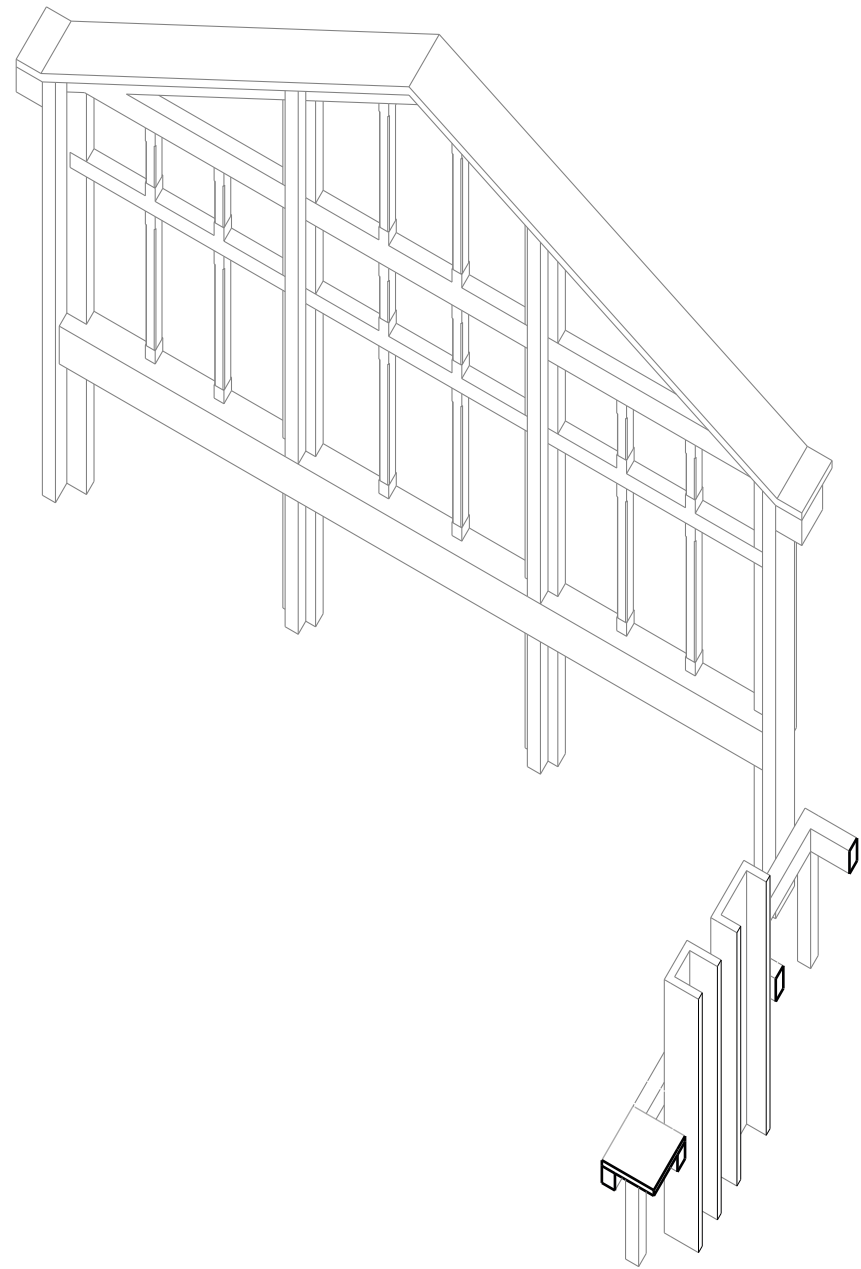
axonometric representation of built objects by heritage and historic value

III. Transfigurations
Absorption
adding



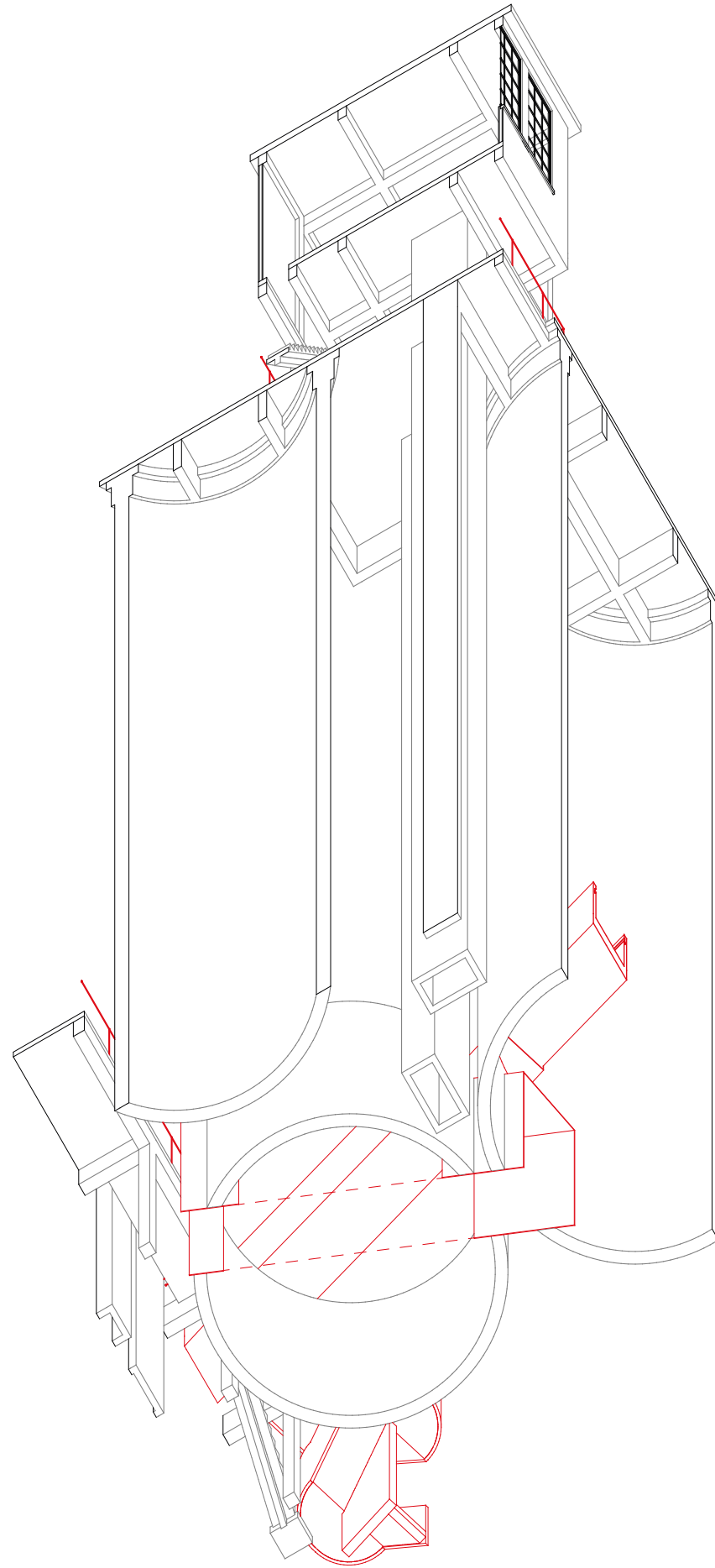
adding

Elevation view of the site from the opposite side of the river in the third stage of the project



anatomy of the site

devices of restoration and preservation of existing structures



anatomy of the site

devices of restoration and preservation of existing structures

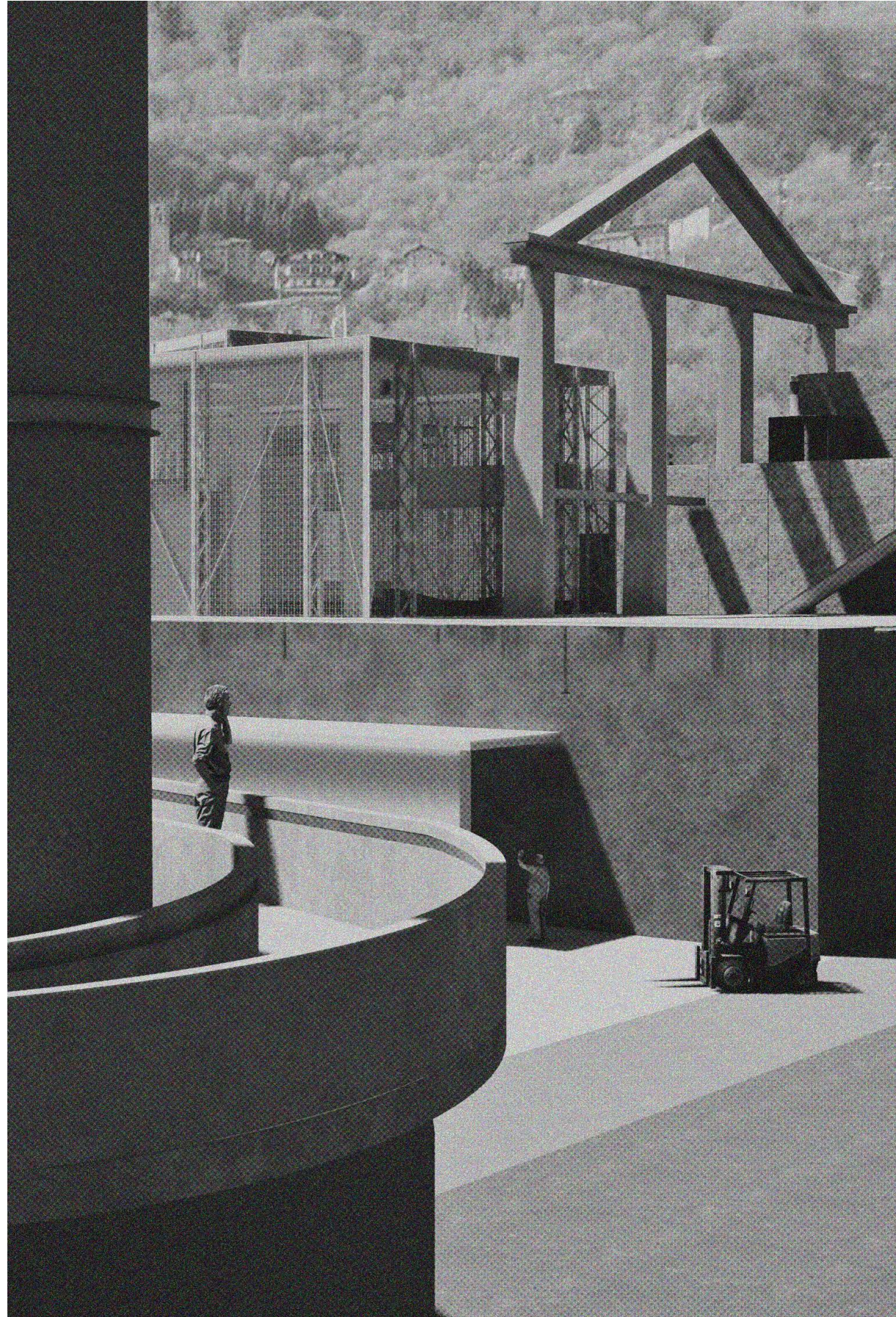
transfigurations



absorption







transfigurations