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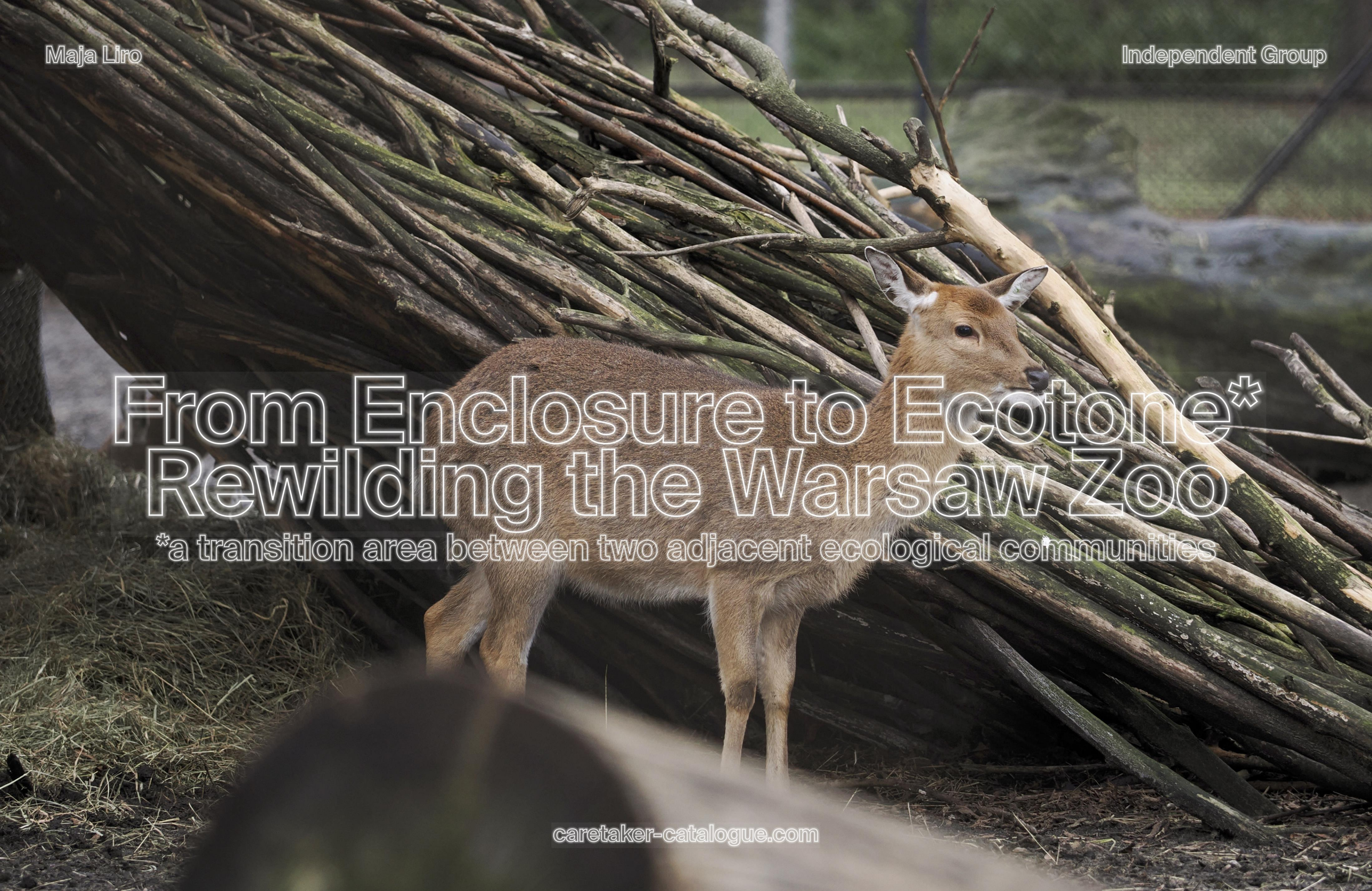

From Enclosure to Ecotone* Rewilding the Warsaw Zoo

*a transition area between two adjacent ecological communities

caretaker-catalogue.com

Questions

Frameworks

Scales

Conclusions


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Questions
caretaker-catalogue.com

questions: where?

01.1

a mirrored structure

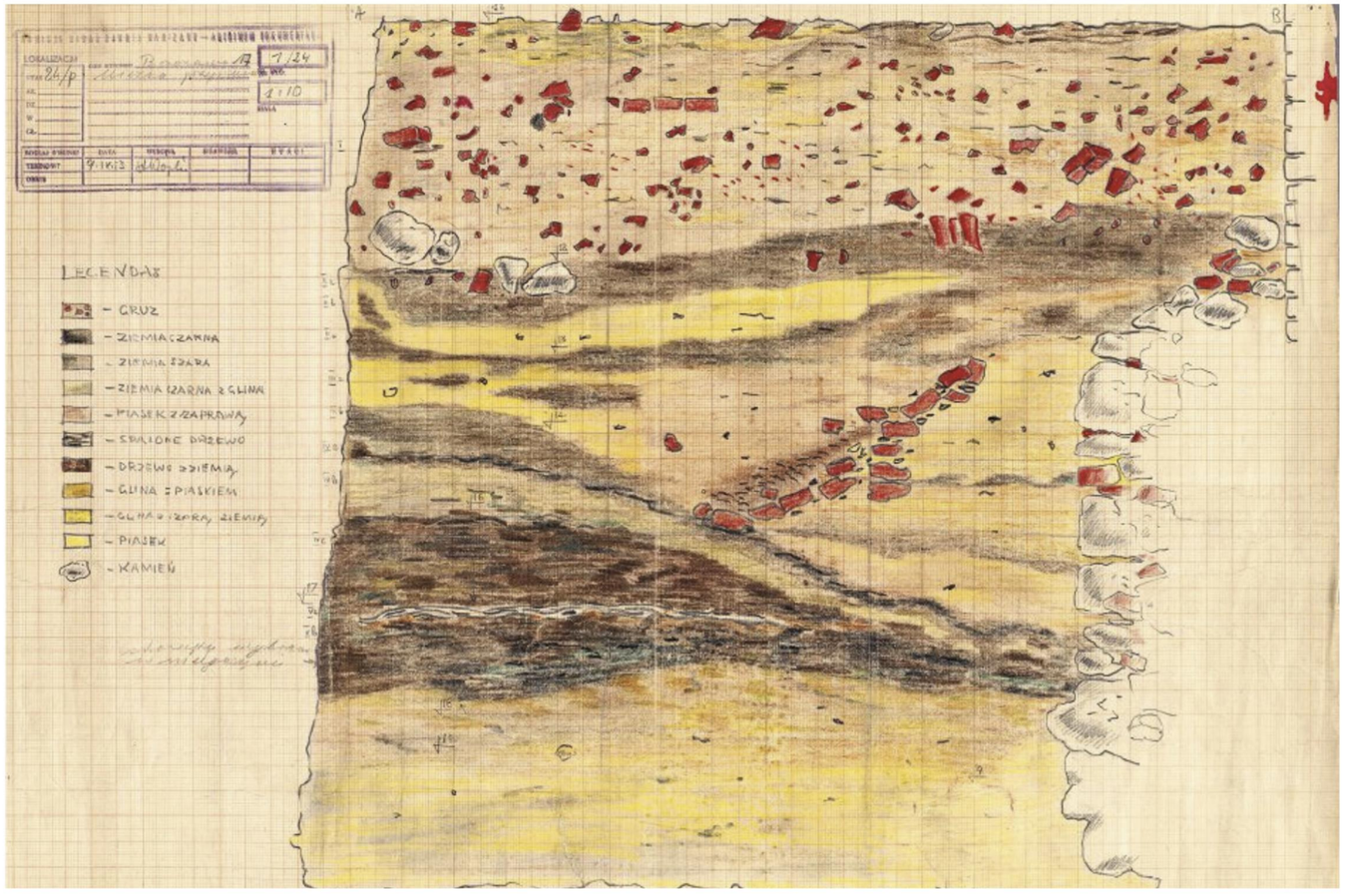
01.1

rising from rubble

01.1

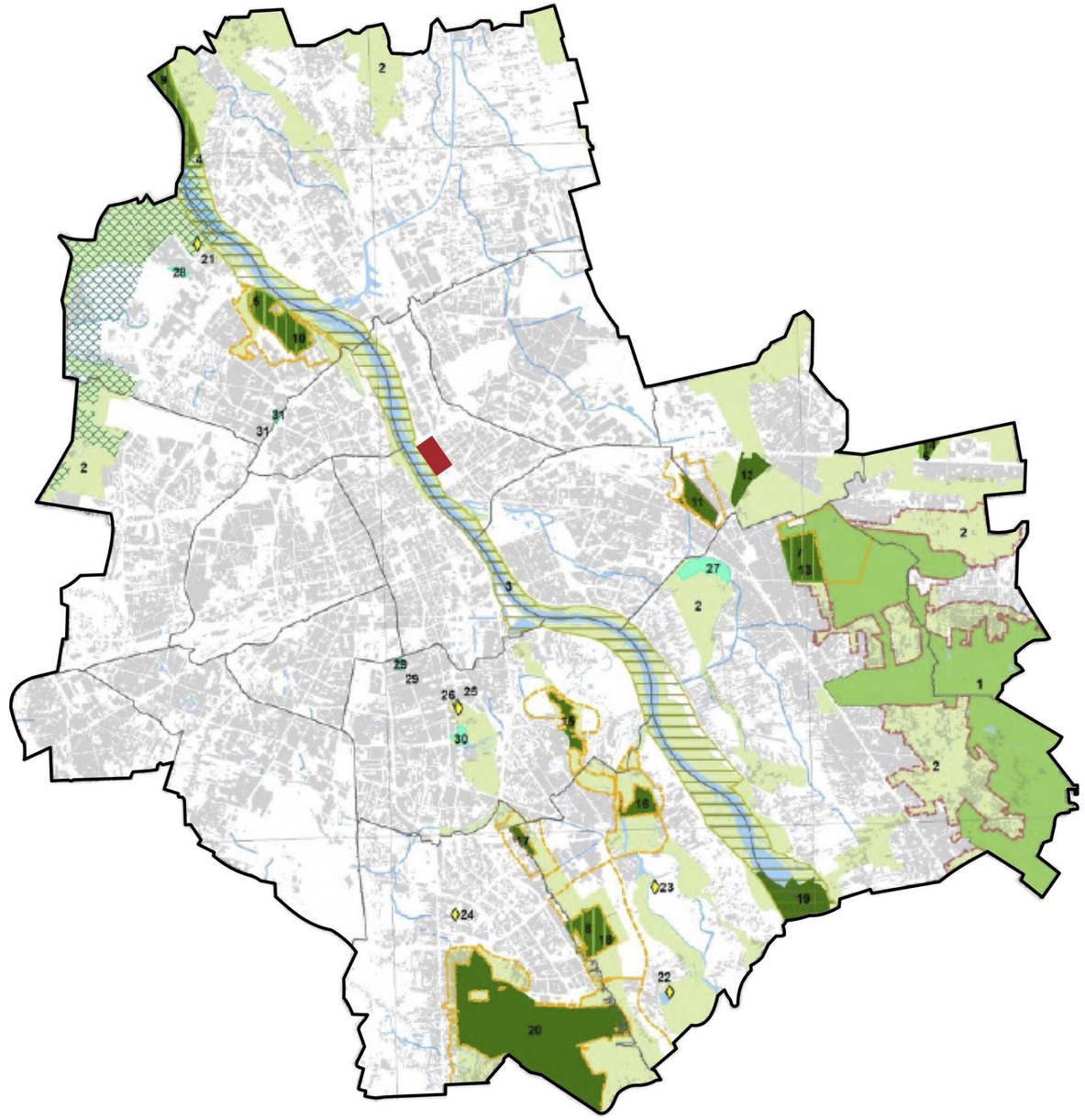
the ground remembers

01.1



wildlife corridor

01.1



Warsaw Zoo

Vistula river

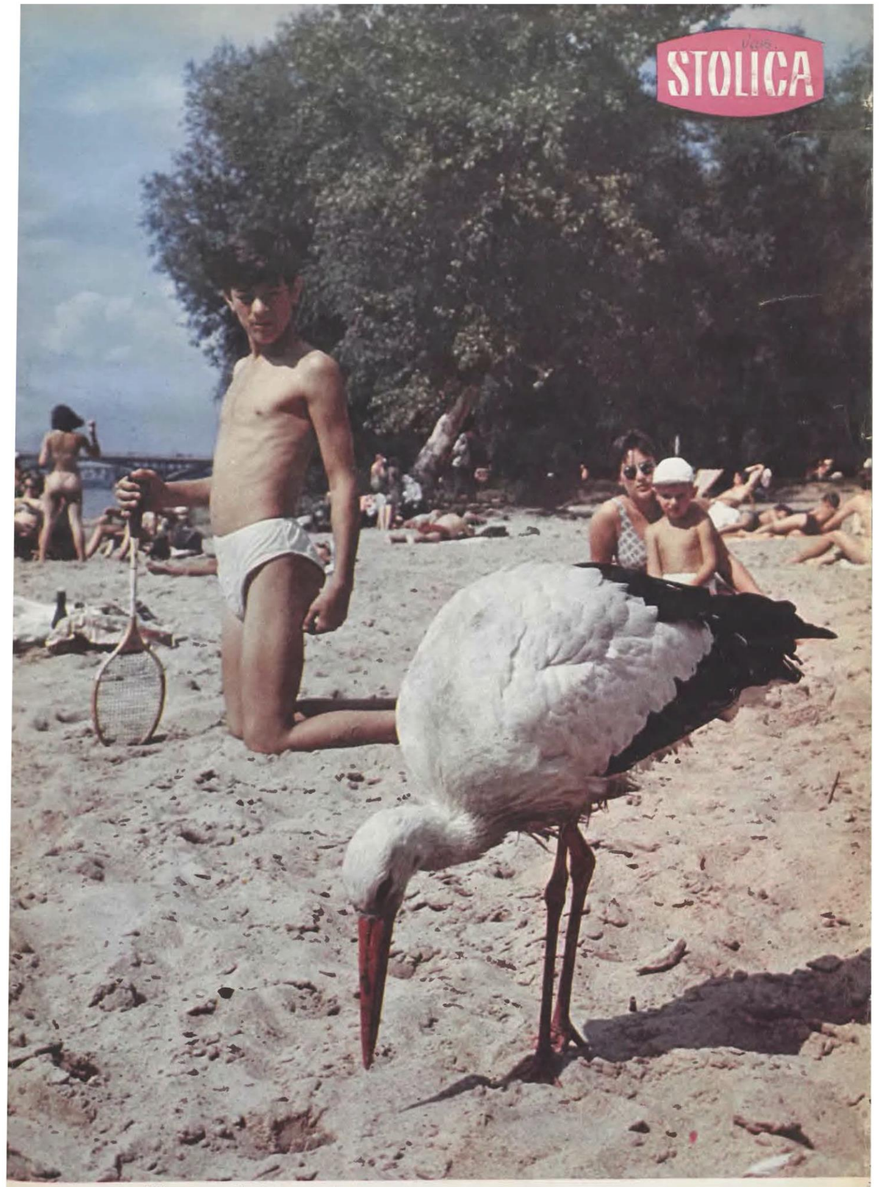
Natural reserve

Areas under special protection of Natura

Protected areas within the ecological corridor of the Vistula

local fauna

01.1



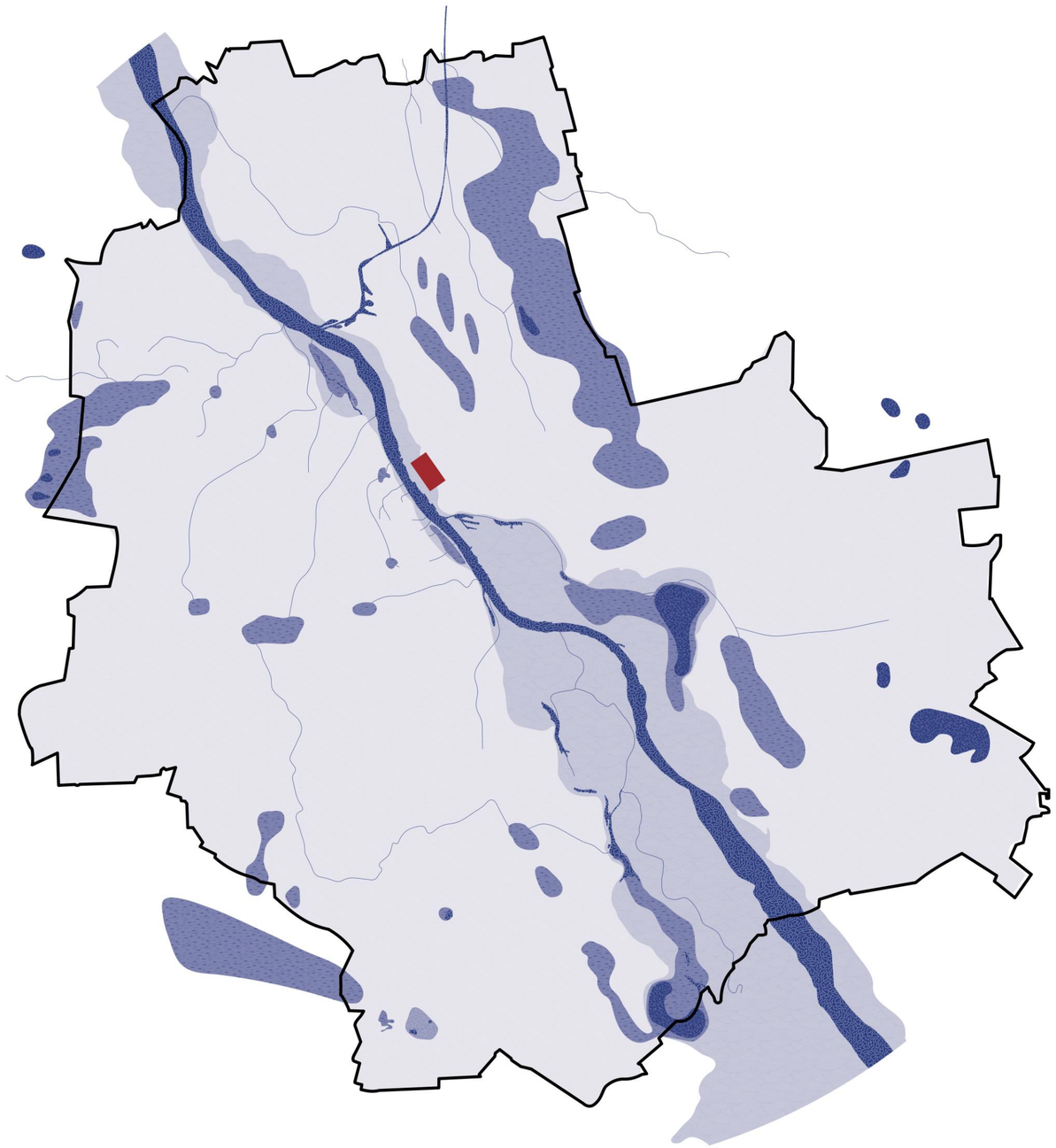
NIECODZIENNY GOŚĆ NA NADWIŚLAŃSKIEJ PLAŻY

Fot. Jacek Sielski

Nr 26 (968) * Rok XXI * Warszawa, 26 czerwca 1966 r. * Cena 3 zł

vistula wetlands

01.1



Warsaw Zoo

Vistula and lakes

Swamps before the emergence of the city

Peat bogs

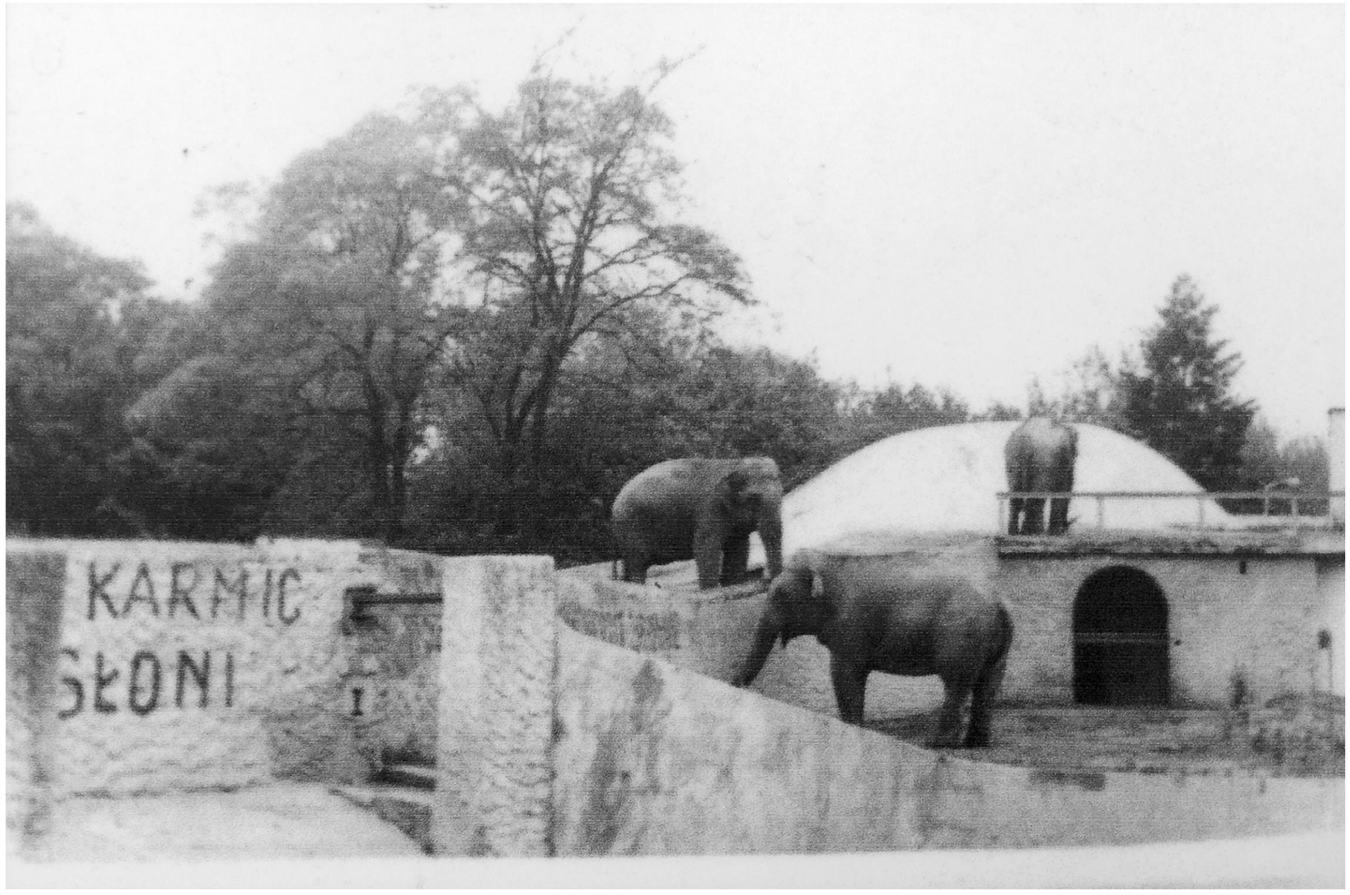
Dry lakes

Vistula floodplains

Rivers before the emergence of the city

living conditions

01.1



layers: 1831

01.1

Pre-Zoo condition.

layers: 1896 - 1906

01.1

Park Aleksandryjski with a railway.

layers: 1935

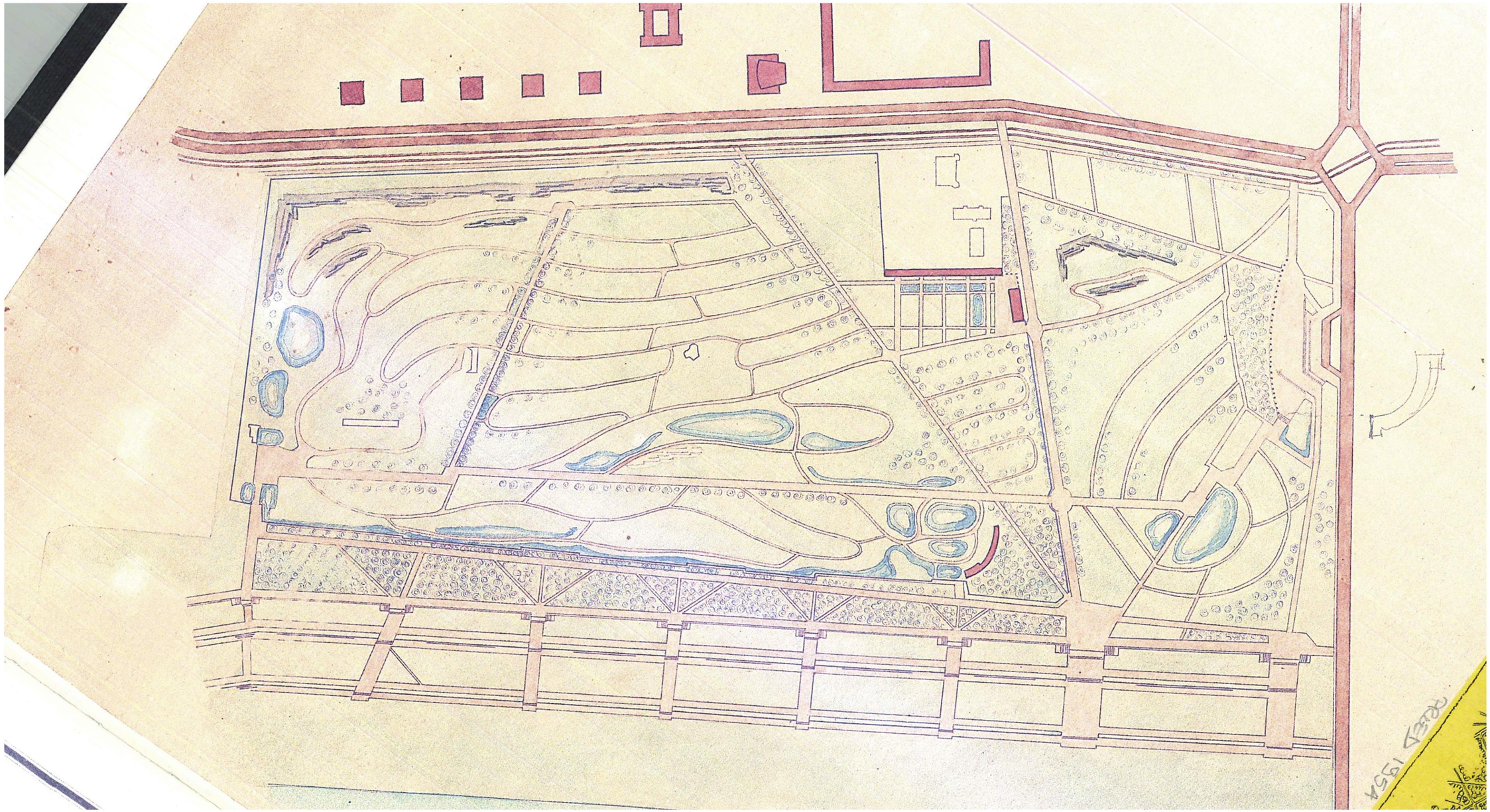
Establishment of Warsaw Zoo in 1928.

layers: 1945

Warsaw Zoo after WWII - the railway turns into a dike.

layers: 1950

01.1



A potential plan to turn the terrain into a riverside park.

layers: 1975

01.1

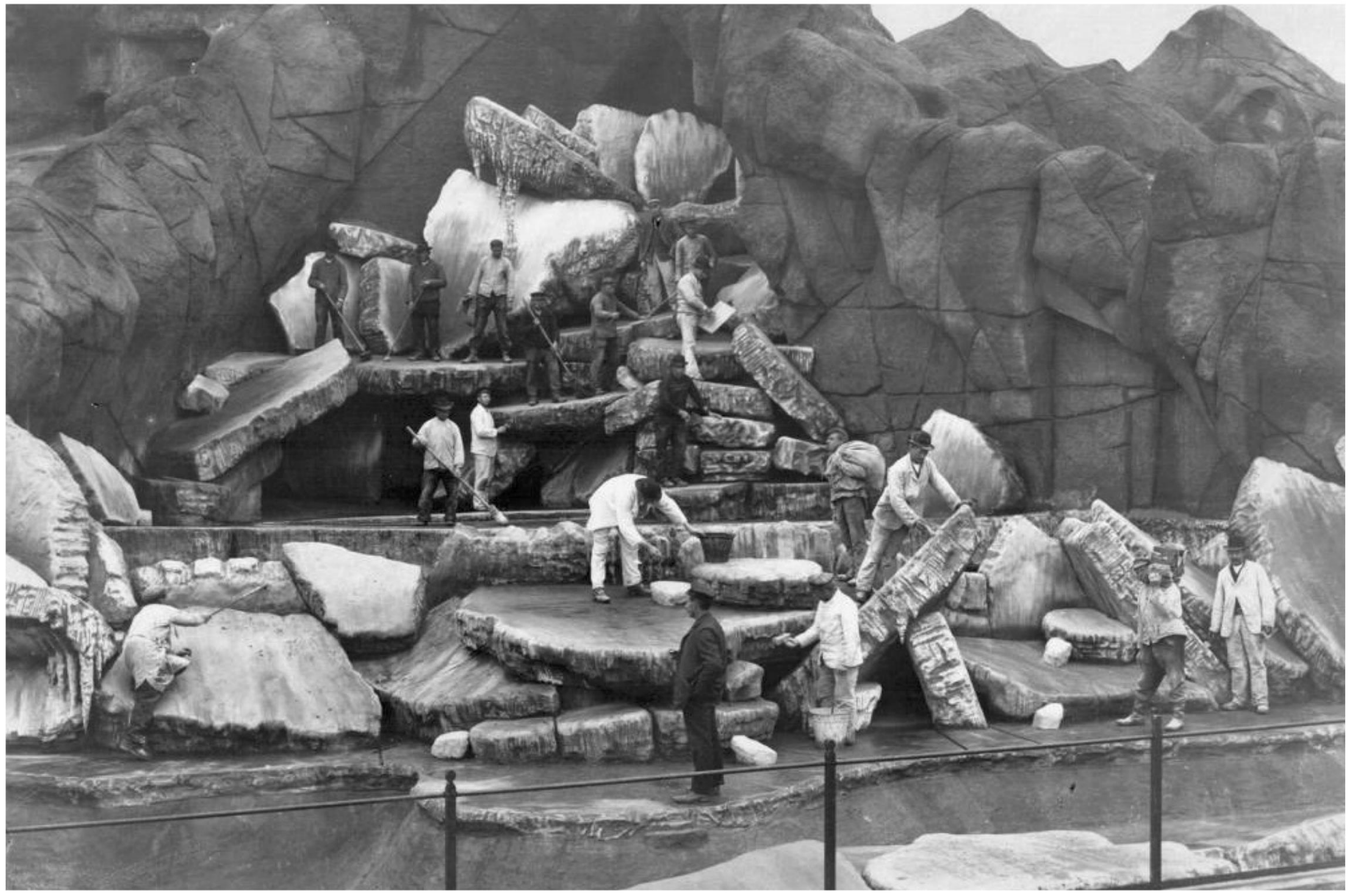
Shaping of the terrain - hill formation.

layers: 2025

01.1

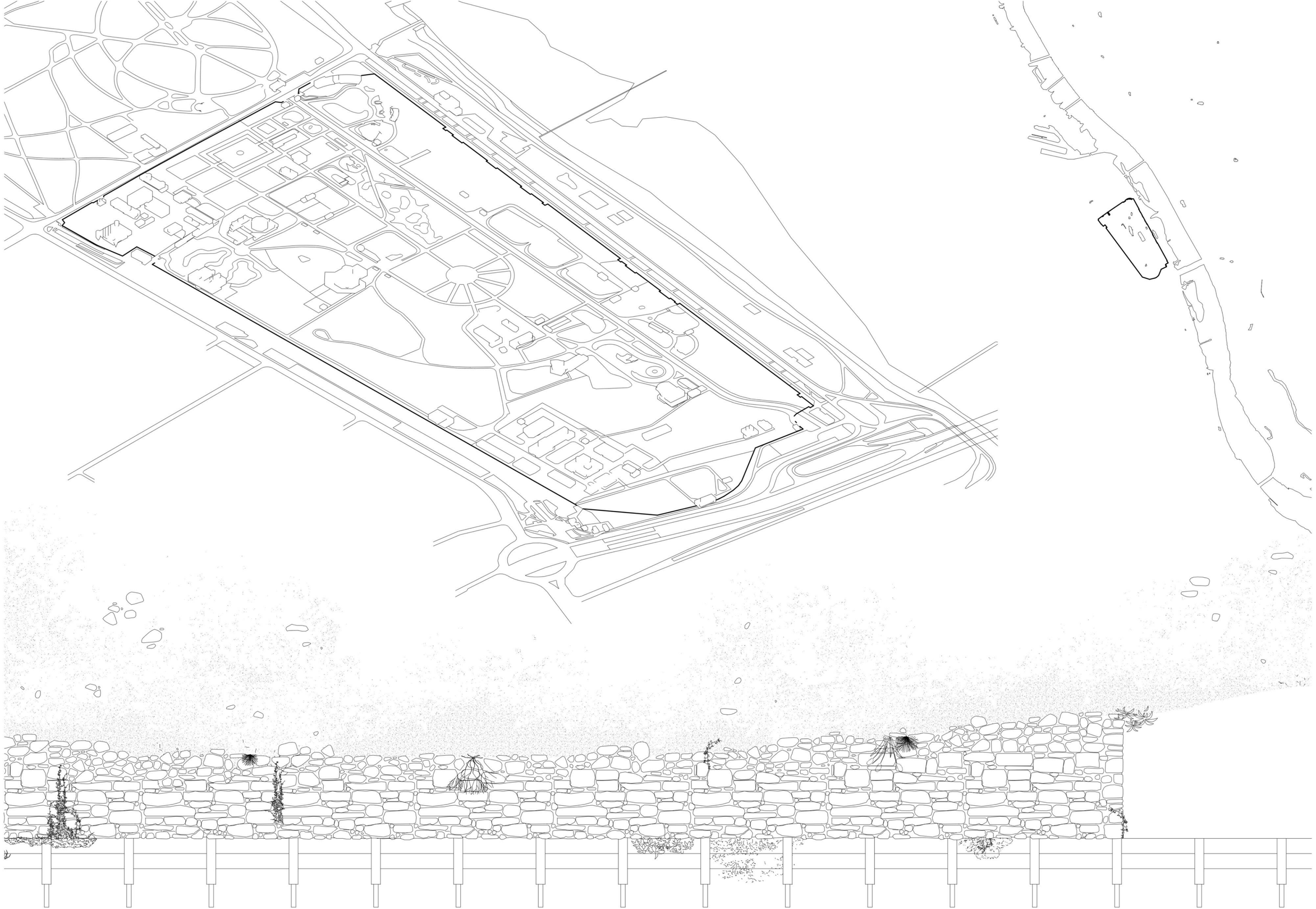
Transformation of the dike into a car road.

constructed paradise



Historischer Kunstfelsenbau im Eismeer-Panorama, 1913
Tierpark Hagenbeck

Transformation of the dike into a car road.



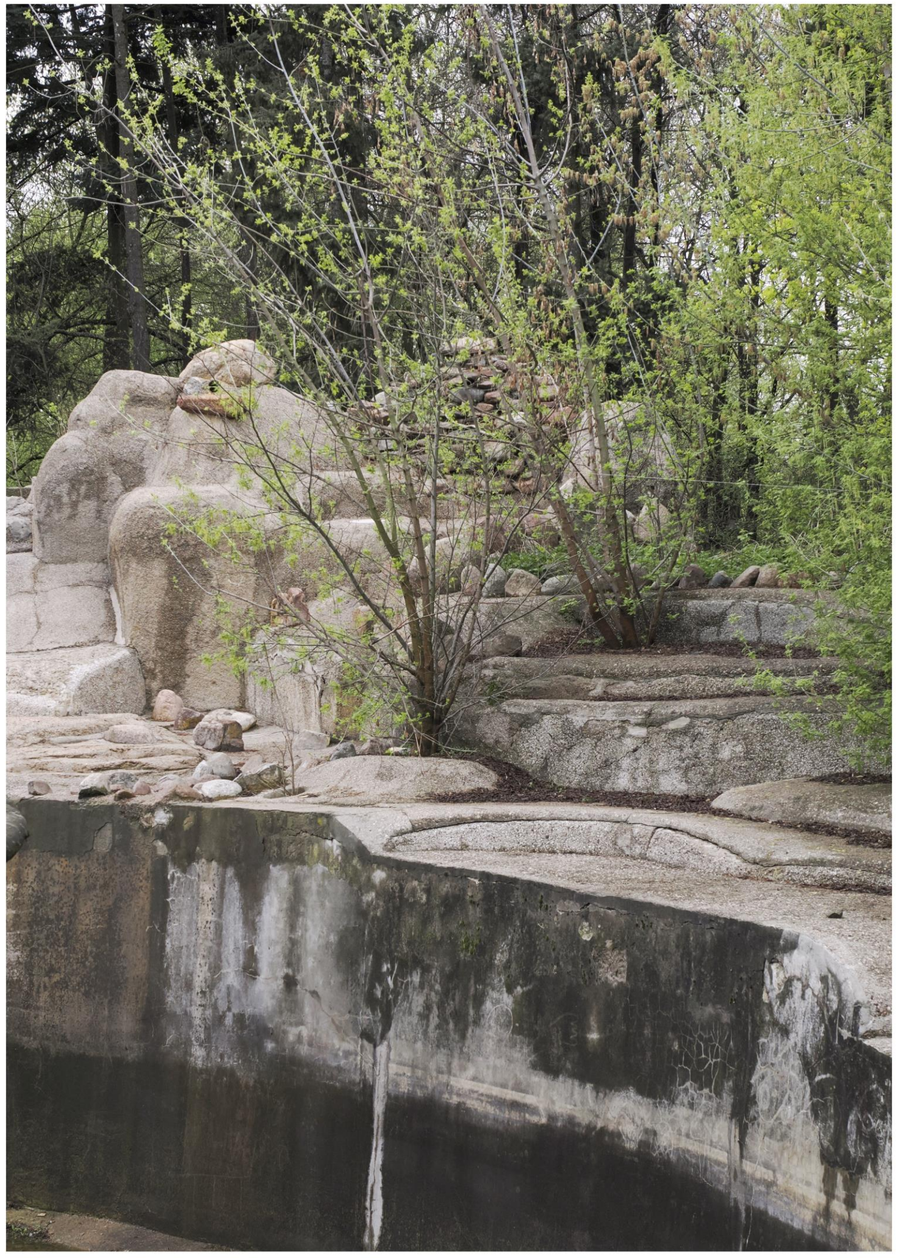
constructed relationships

01.1

Royal Menagerie of Versailles, 1643-1715
Pierre Aveline

questions: what?

01.2




ZOO
PROJEKT ZREAL
BUDŻETU PARTY
AUTOR

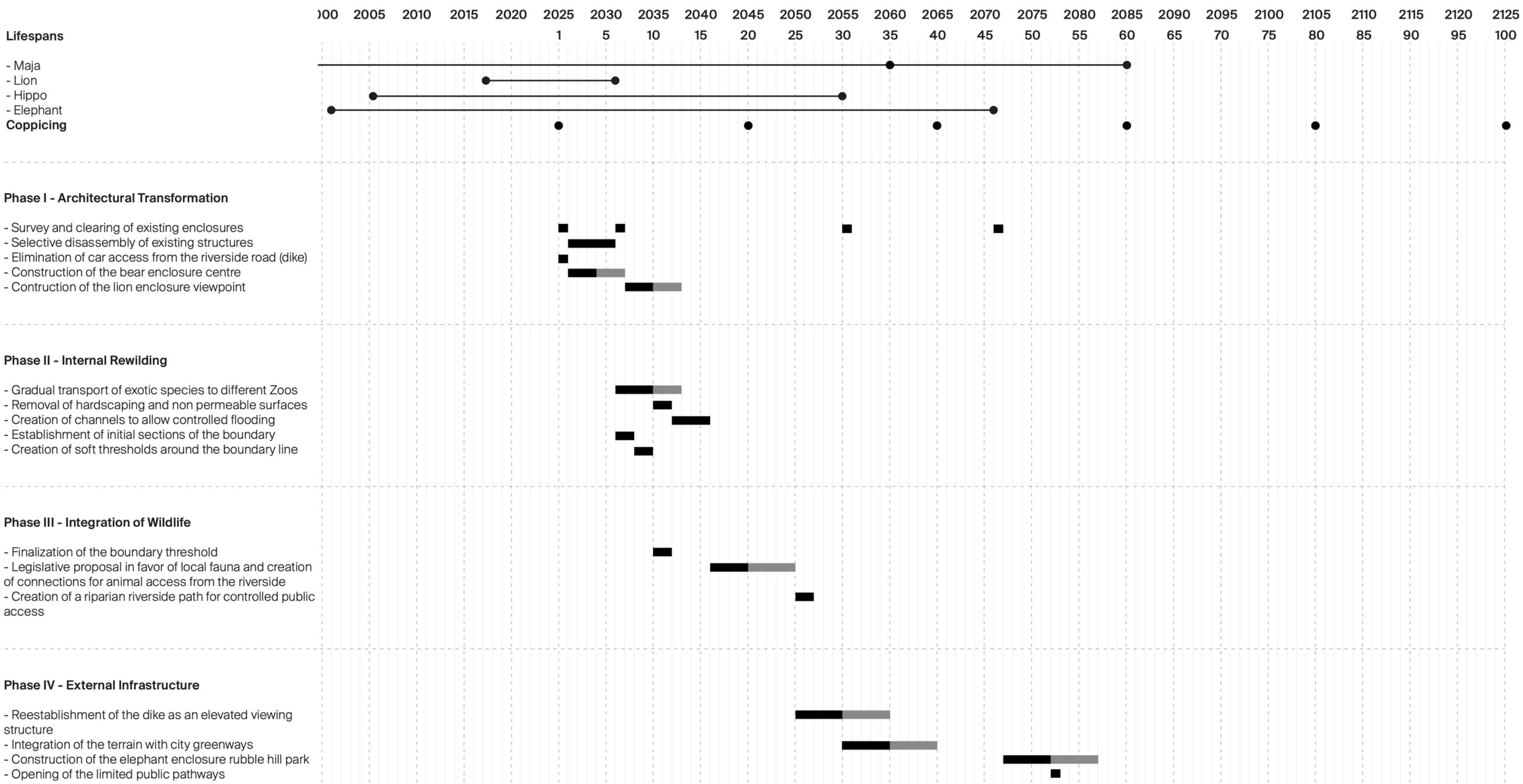
inverted enclosure

01.2

From: Mr Benn - The Zookeeper
Ray Brooks

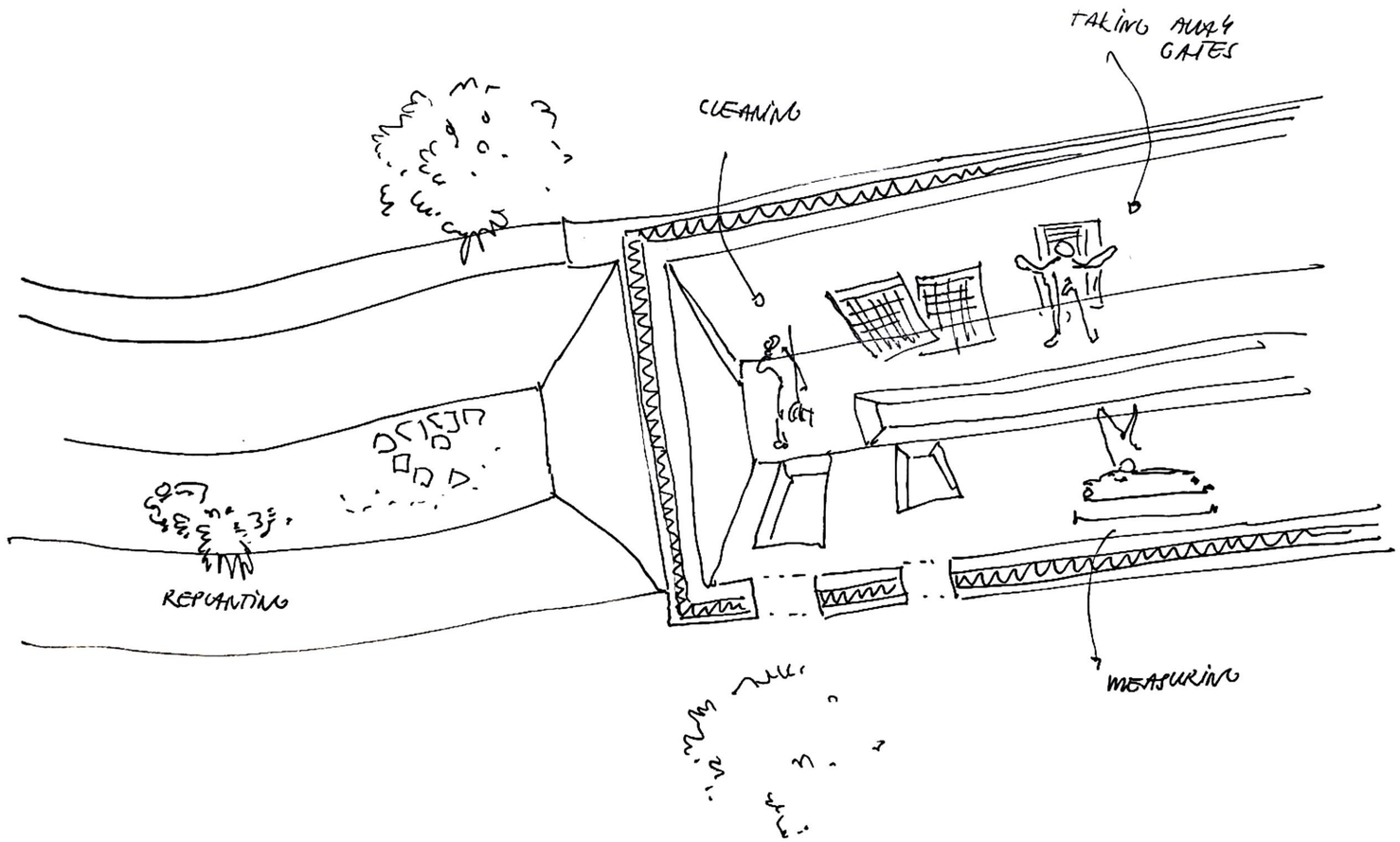
questions: when?

01.3

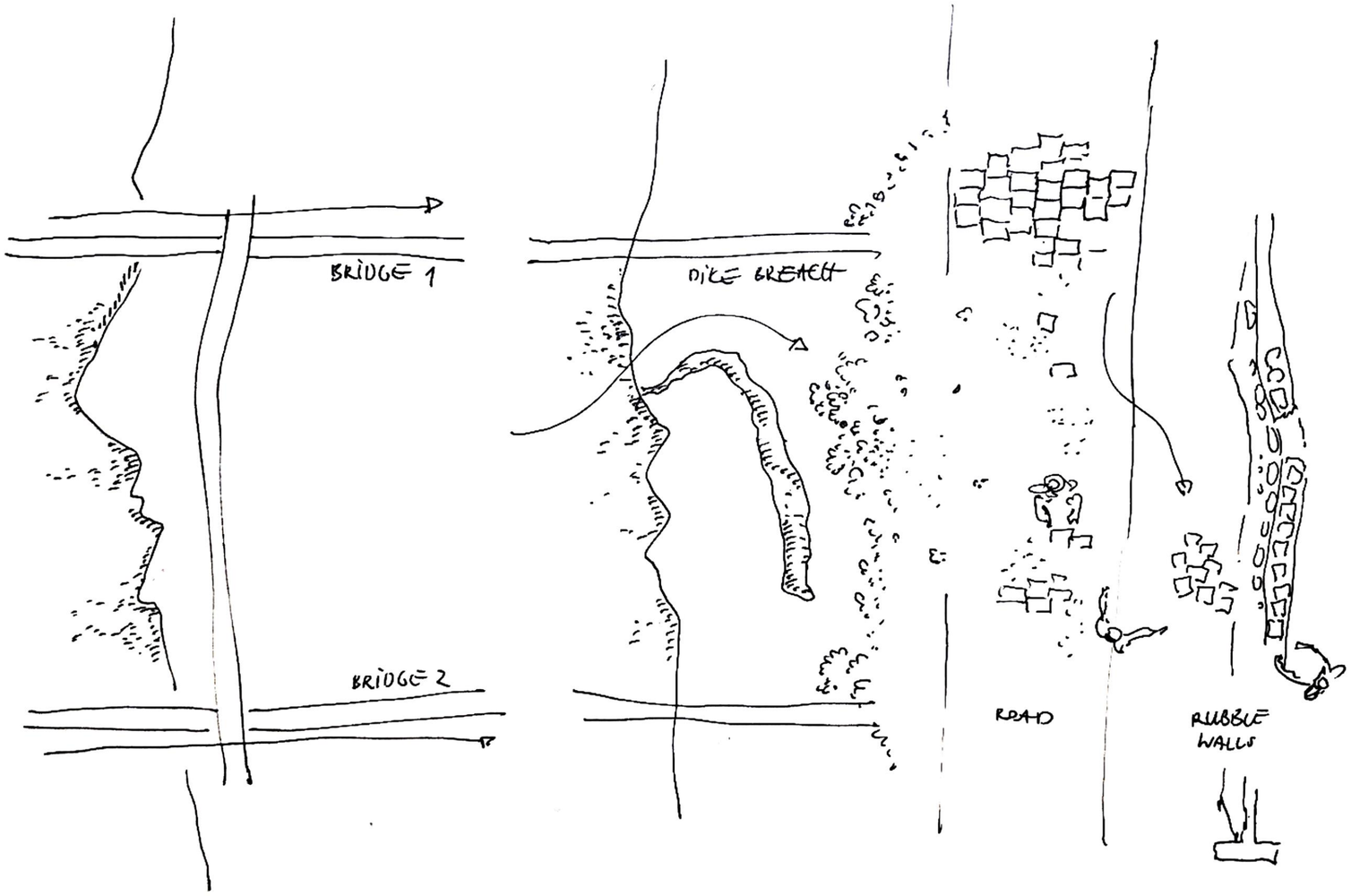


phase I

01.3

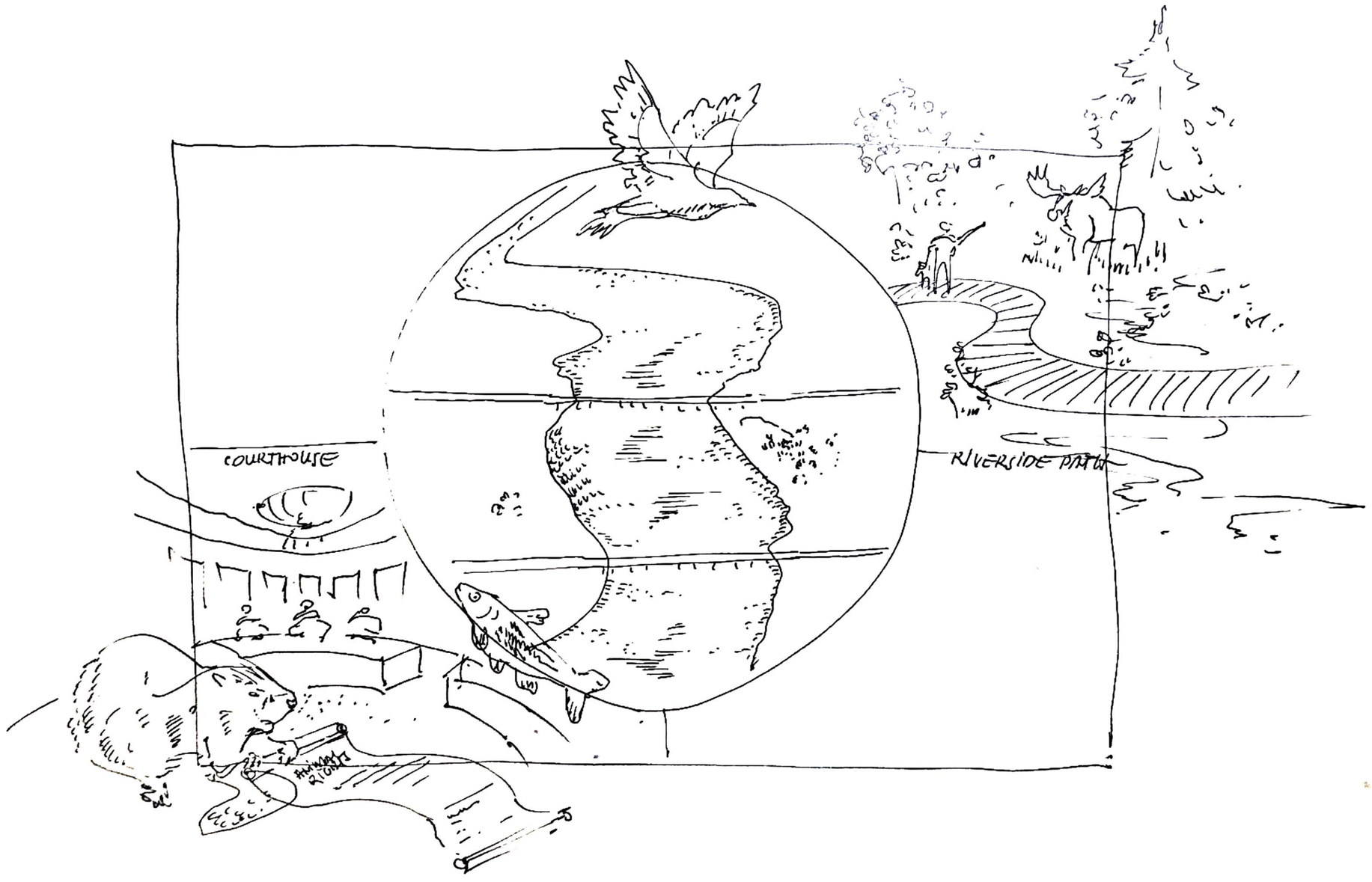


phase II



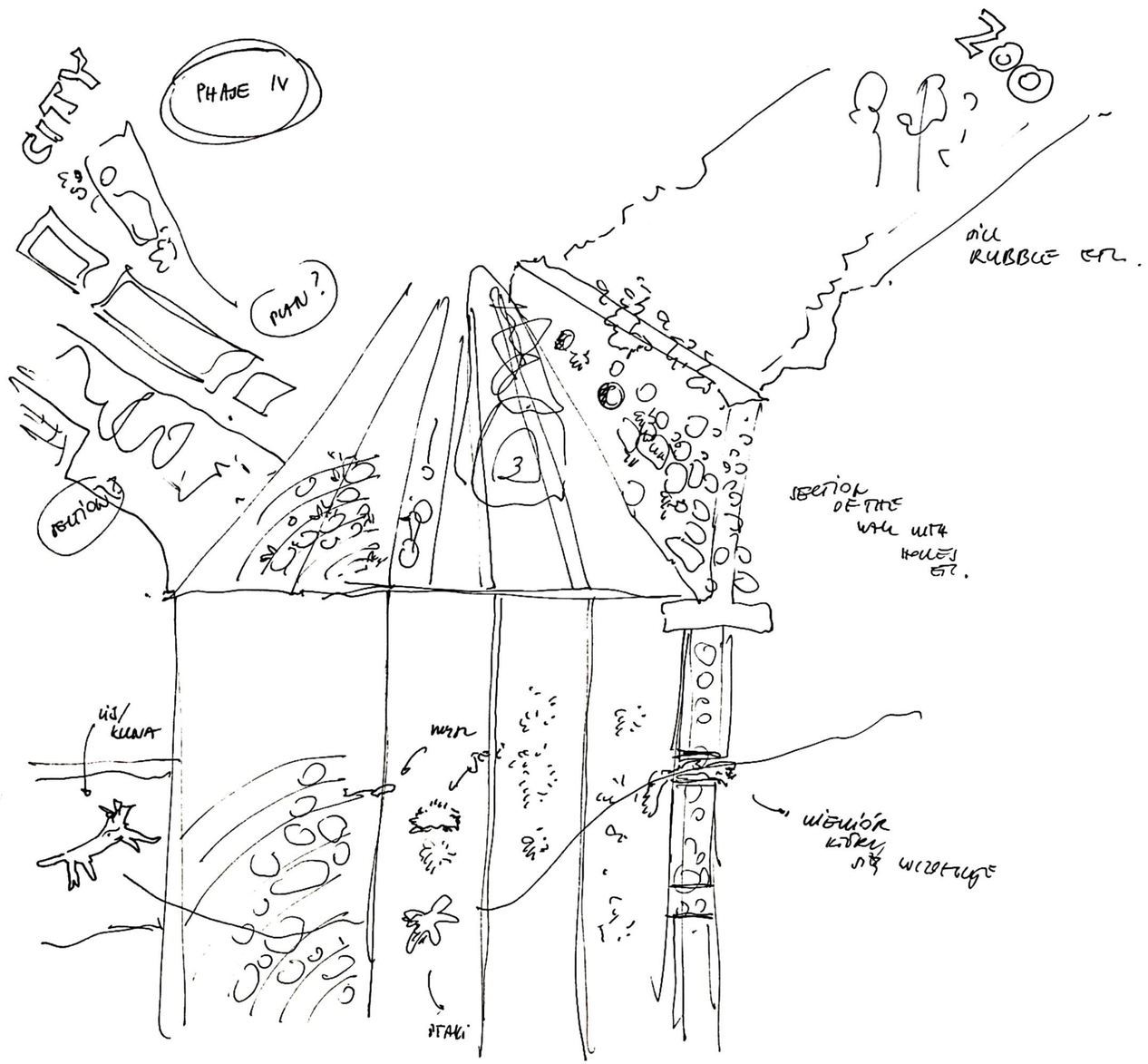
phase III

01.3



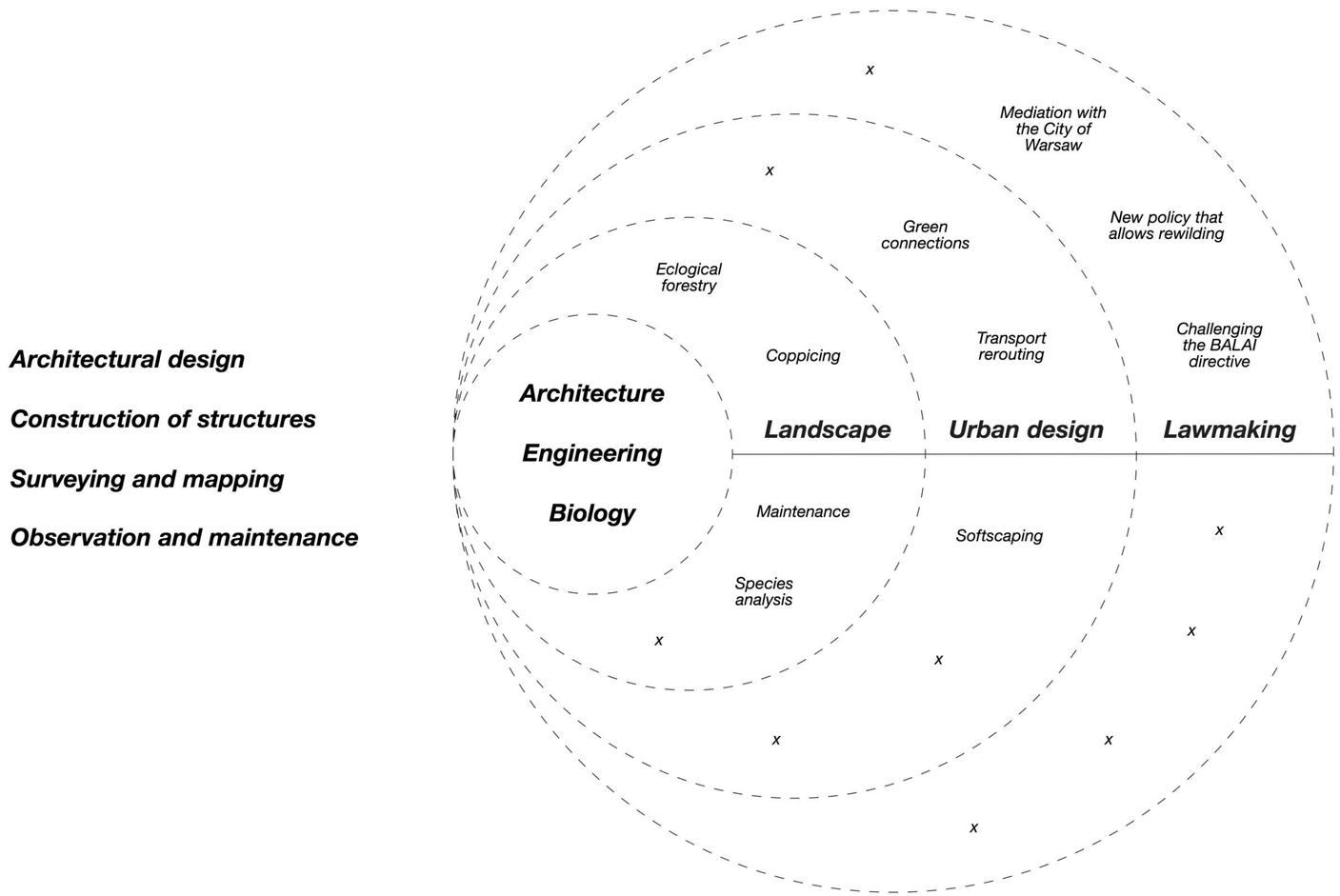
phase IV

01.3


CITY
PHASE IV
ZOO
RUBBLE
SECTION OF THE WALL WITH HOLES
3
WATER
PTAKI

questions: by whom?

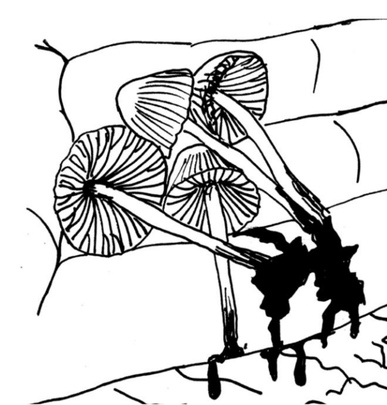
01.4



clients: wanderers

01.4

The time is no longer for authoritative structures but for the hospitable, collective spaces that confront the changing climate through the human, plant and animal migrations it entails. Sitting along a migratory corridor of all species, the Warsaw Zoo helps to define a porous site, with indistinct limits made to be crossed. It is a refuge made up of hybrid devices drawn from atavistic traditions, social experiments, architectural references and technological interventions. Together, they foster interspecies alliances and offer support (water, warmth, coolness) for domesticity and (cosmo)political life. The Zoo indifferently welcomes plants, animals and humans in their flight to escape social and environmental decay, recognizing through this radical hospitality the diplomatic value of its multiple guests.

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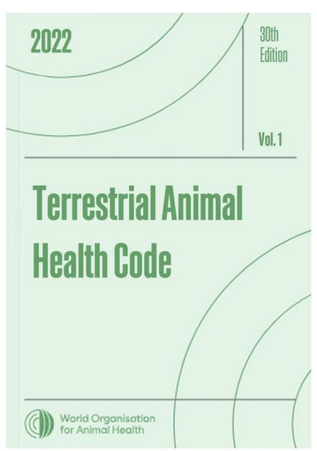
constraints: legislation

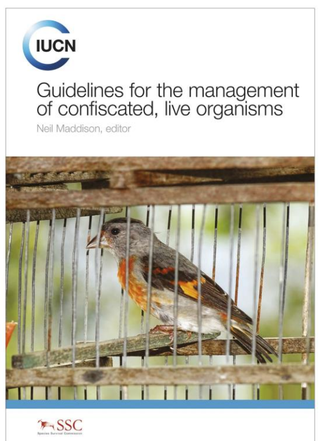
02.1

world

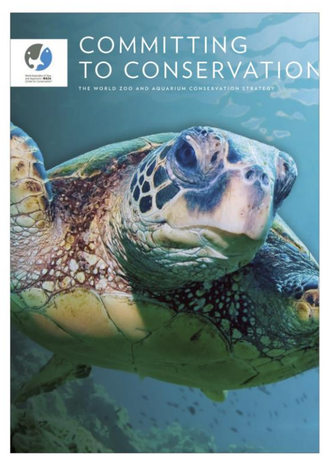
I. World Organisation for Animal Health
Terrestial Animal Health Code



II. International Union for Conservation of Nature
Guidelines for Confiscated Live Oganisms

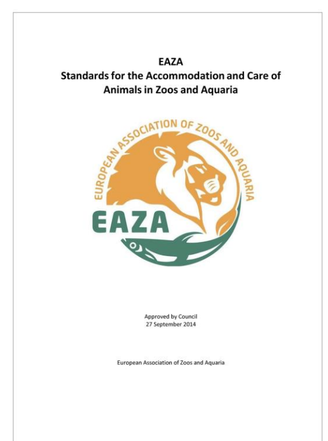


III. World Association of Zoos and Aquaria
Conservation Strategies, Code of Ethics
Guidelines for Animal Visitor Interactions



europe

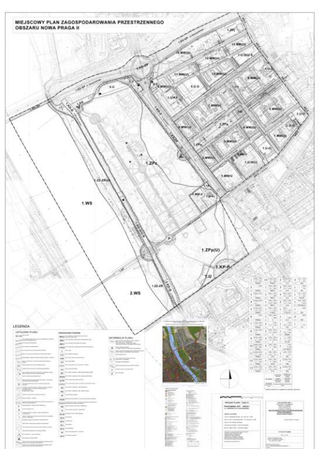
I. European Association of Zoos and Aquaria
Standards for the Accomodation and Care of Animals in Zoos and Aquaria



II. Council Directive 92/65/EEC
Animal Health Requirements for Import of Animals into Communities

warsaw

I. Urząd Miasta Stołecznego Warszawy
Studium Uwarunkowań (Gmina)
MPZP (Local Law)



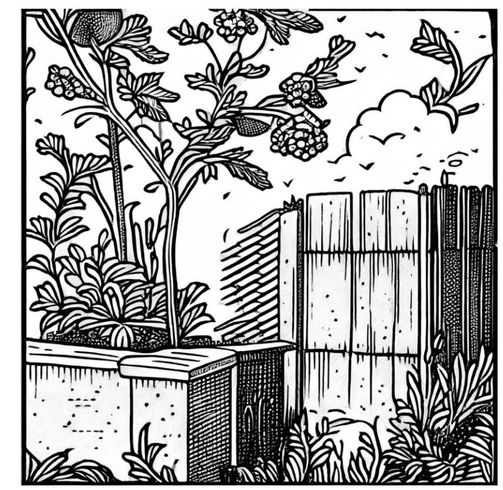
constraints: relics

02.1

Enclosures

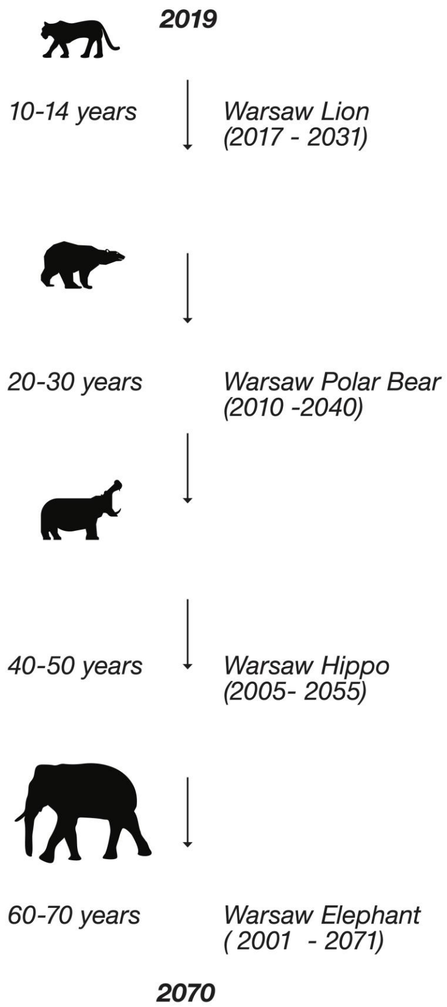
Infrastructure

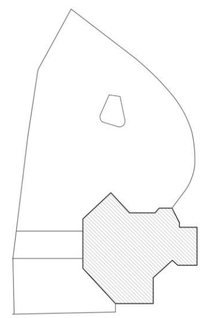
Borders

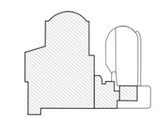


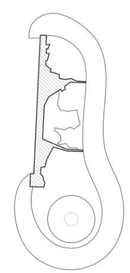
constraints: senior citizens

02.1









What happens to those who've been born here?

the third landscape

Deborence Island
Gilles Clement

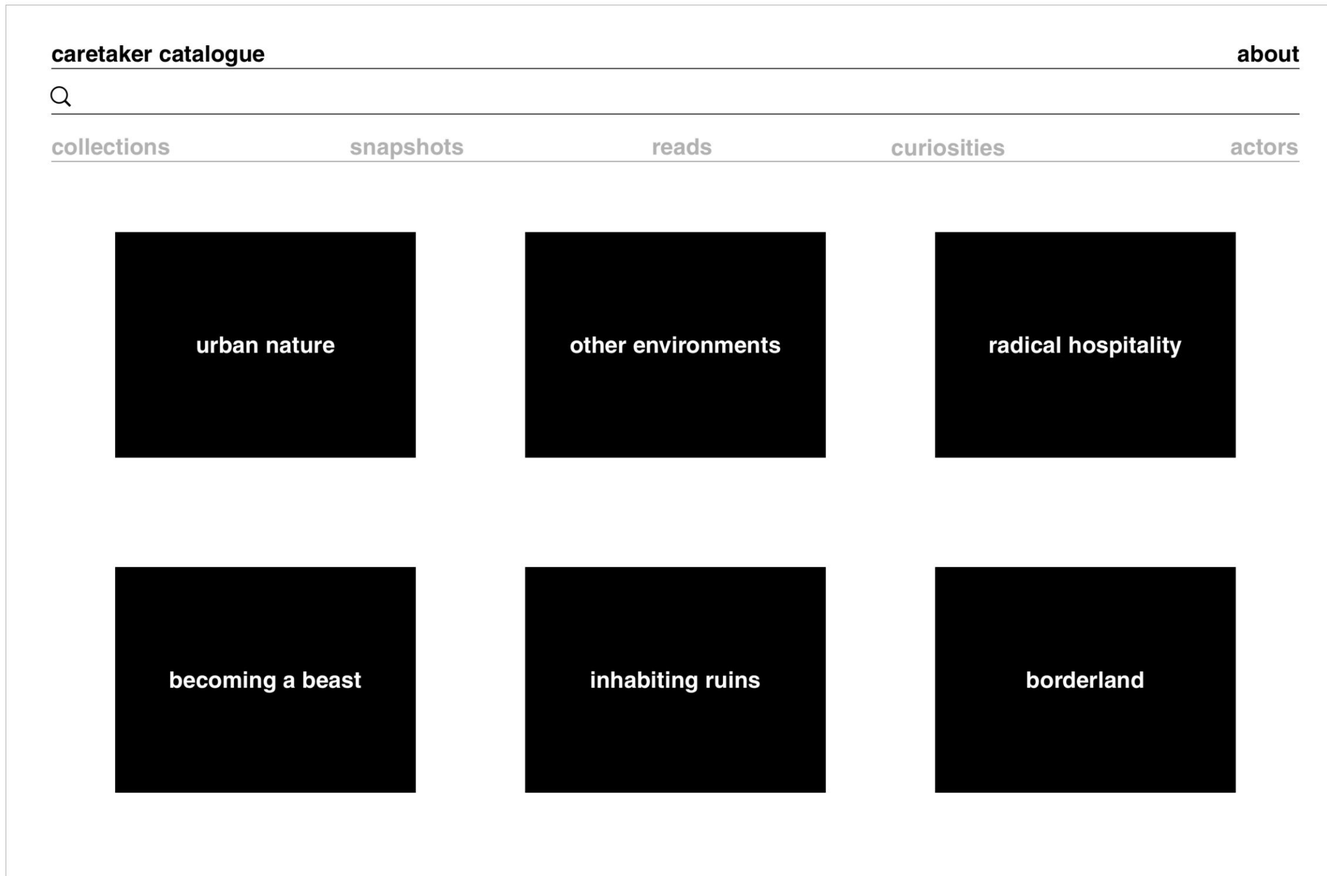
Concrete Landscapes
Peter Fischli, David Weiss

belongs to the best adapted 02.2

Ruin Garden
Tanja Lincke

archive

02.3


caretaker catalogue
about
collections
snapshots
reads
curiosities
actors
urban nature
other environments
radical hospitality
becoming a beast
inhabiting ruins
borderland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Independent Group
Scales
caretaker-catalogue.com

attitudes

Care

A gardeners‘ eye

» *Setting a condition and overlooking processes set in motion*
» *A protective, but not controlling approach*
» *Maintenance as an open question*

Hospitality

Making kin

» *Recognizing that any of us could be a climate refugee*
» *Accepting the existence of urban zones outside of our strict control*

Adaptation

Ones‘ trash is anothers‘ treasure

» *Embracing flexibility and change*
» *Working with what‘s already in place*
» *Using existing resources*

attitude: hospitality

03.1

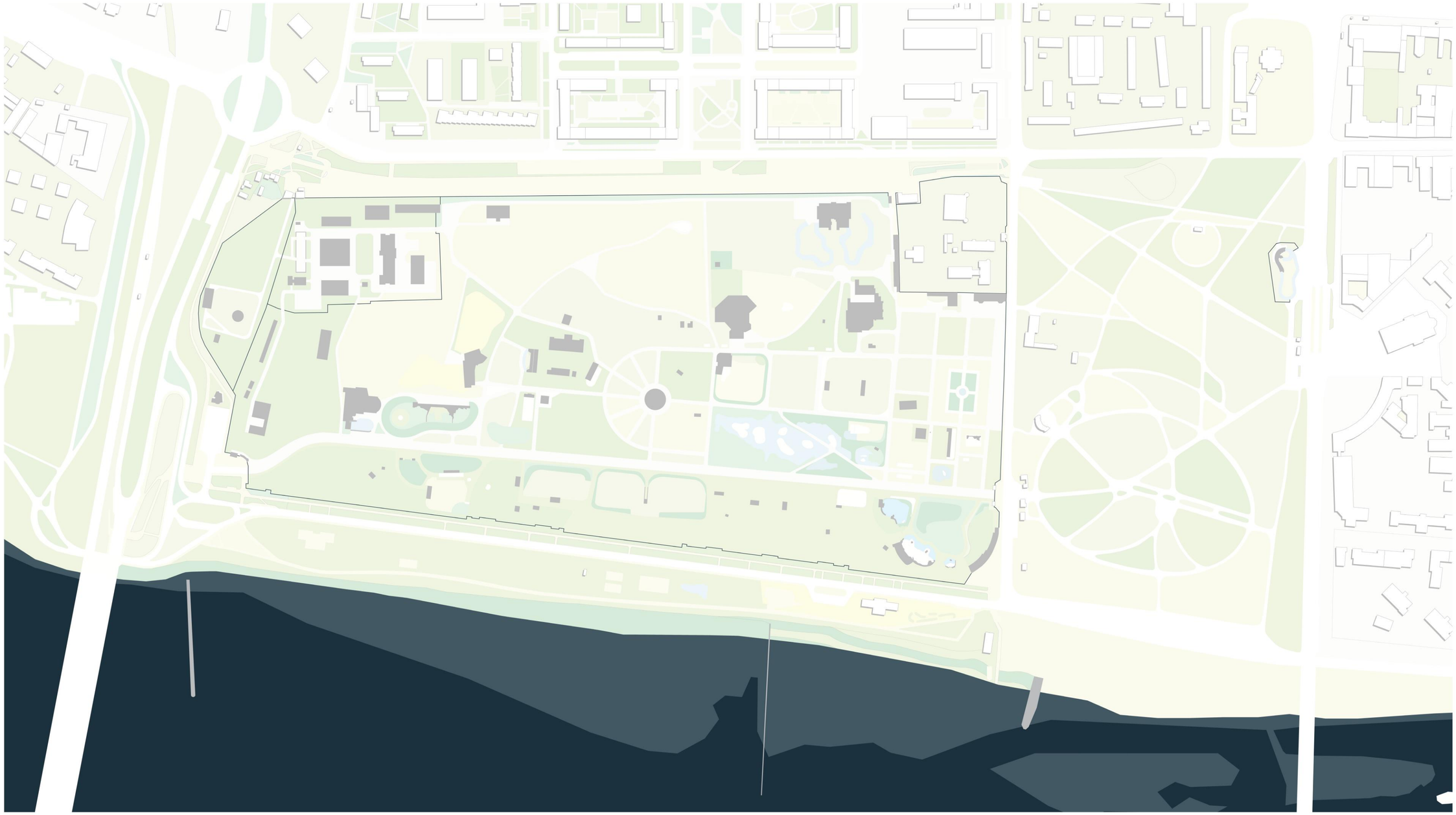
attitude: adaptation

03.2

site: condition

03.2

present



site: who goes

03.2

present

site: who stays

03.2

10 years

site: building relics

03.2

10 years

site: functional relics

03.2

10 years

site: landscape relics

03.2

10 years

dealing with: infrastructure

03.2

How to overcome biodiversity barriers,
working together with nature?

site: restructuring the land

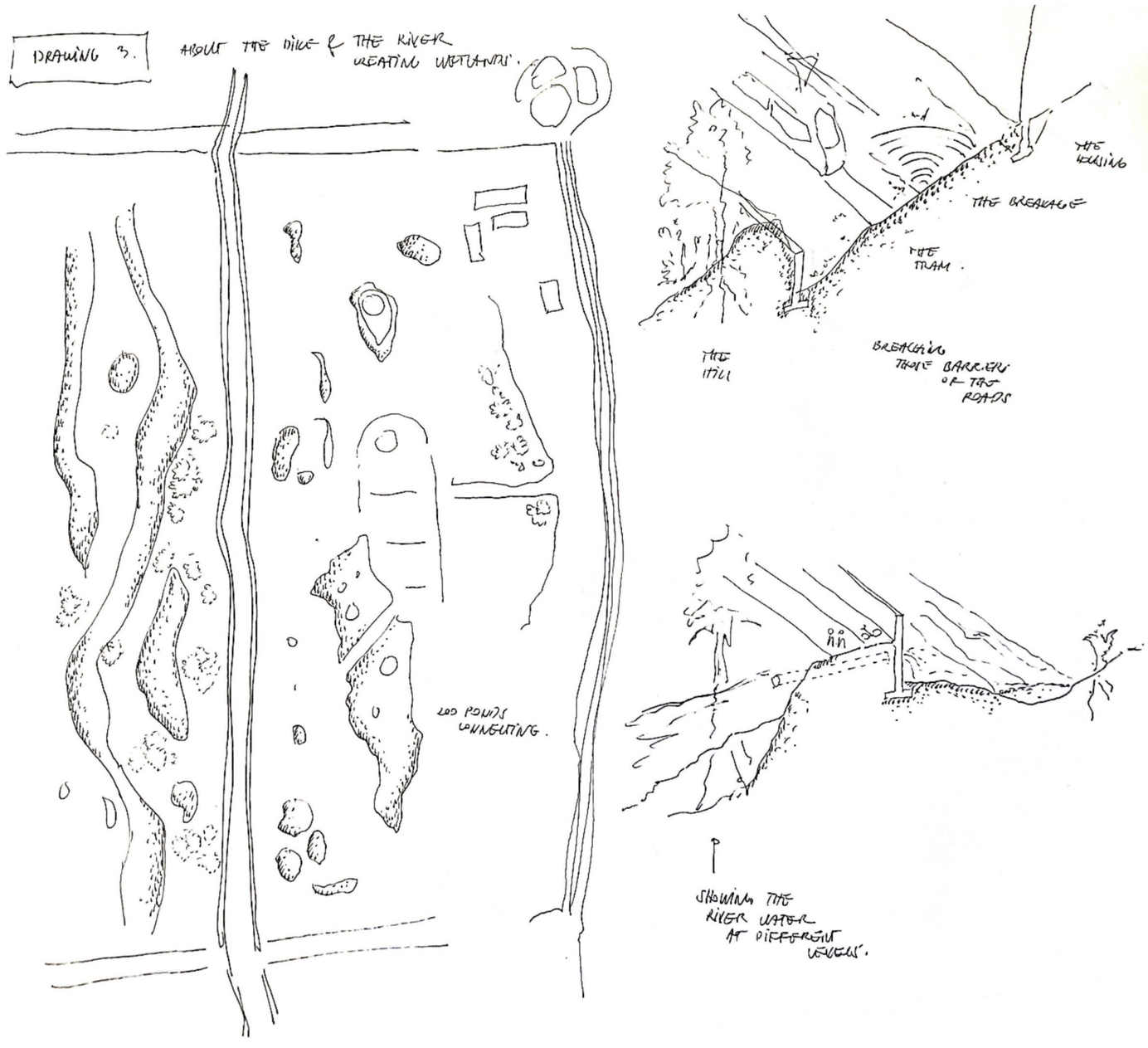
03.2

10 years

site: restructuring the roads

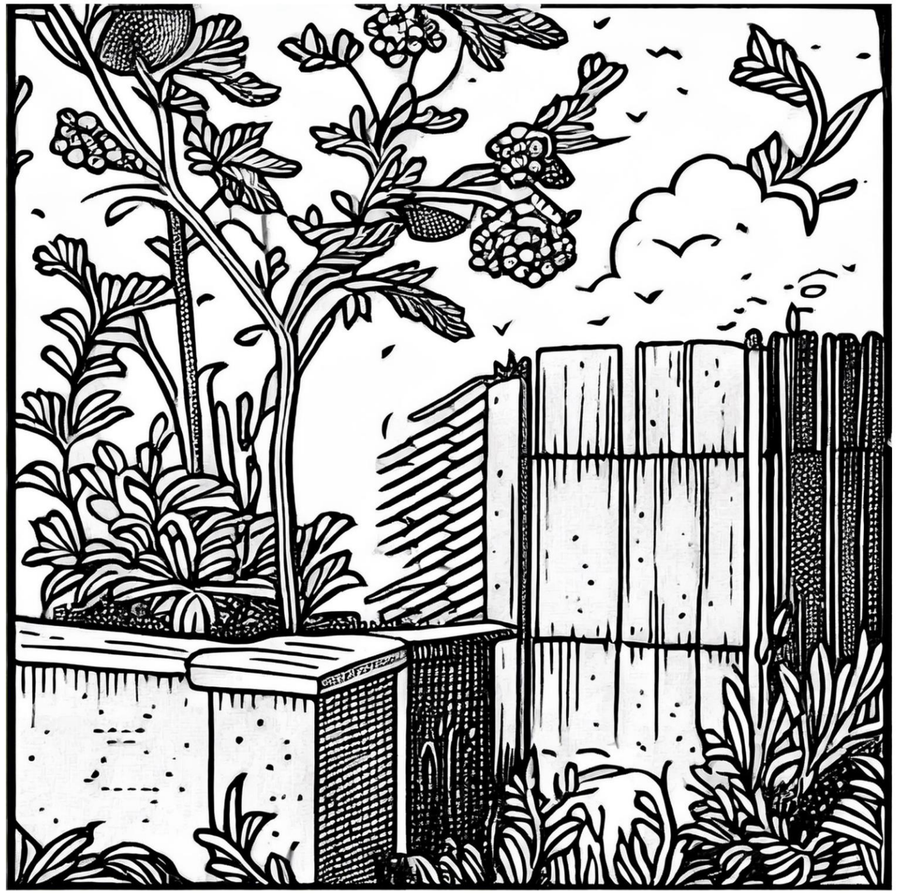
03.2

10 to 50 years



dealing with: borders

03.2



How to disassemble the borders, yet protect the rewilded landscape from human intrusion?

site: boundary types

03.2

10 years

site: boundary relics

03.2

15 years

site: renegotiation

03.2

20 years

site: restructuring

03.2

15 to 20 years

site: reclaiming

03.2

15 to 20 years

site: internal rewilding

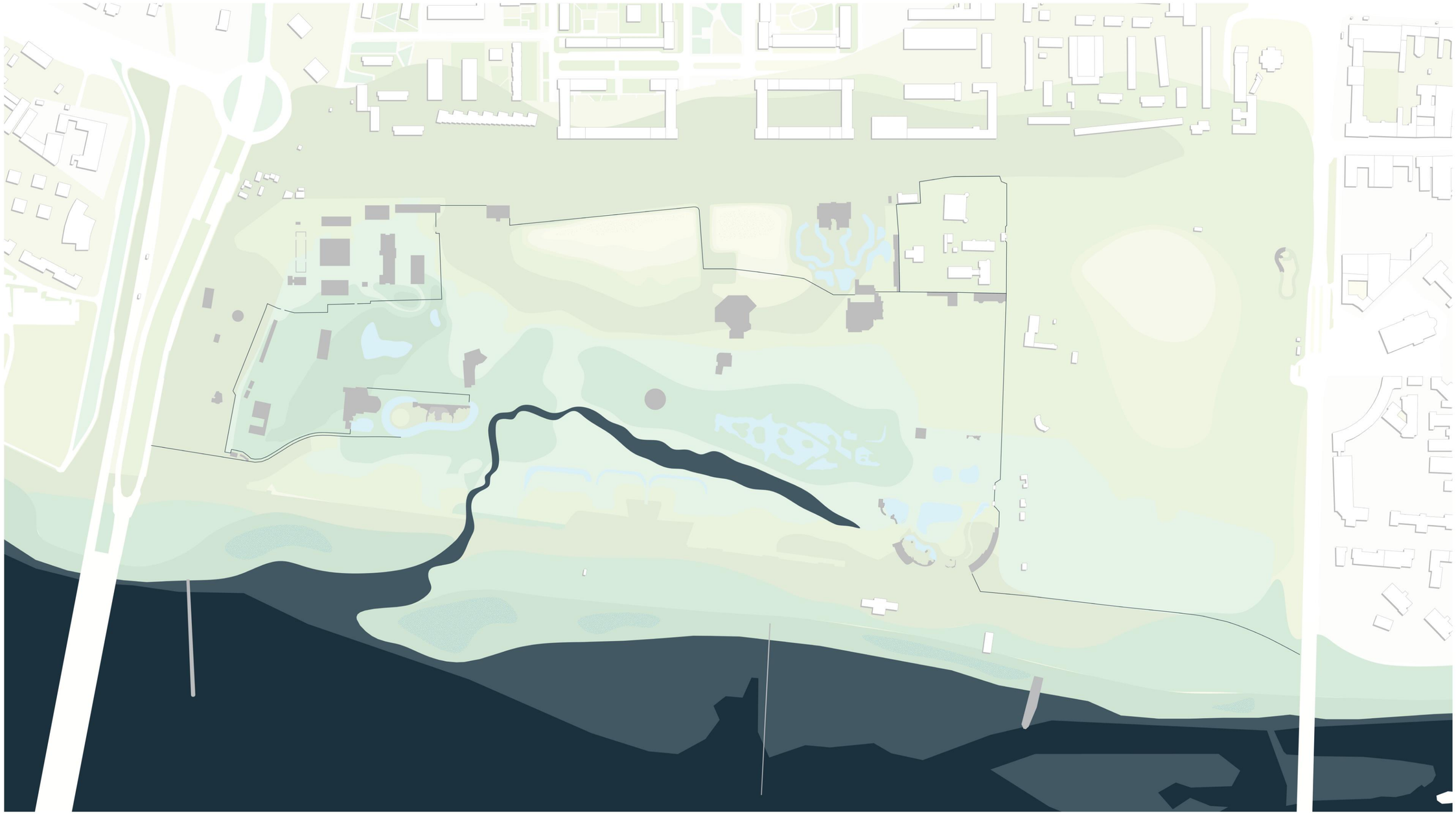
03.2

30 years

site: external rewilding

03.2

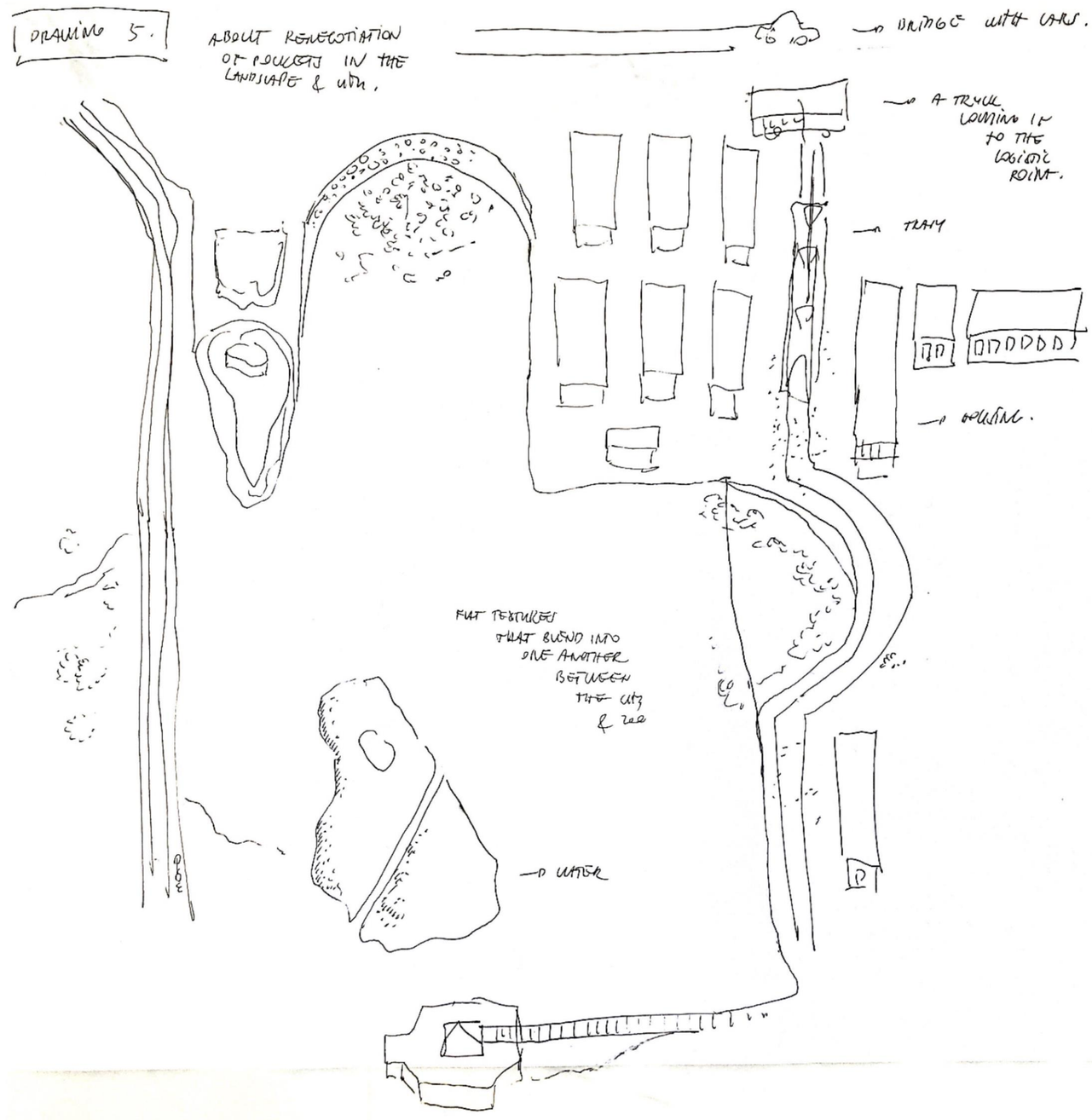
40 years



site: renegotiating

03.2

20 to 50 years



site: circulation

03.2

50 years

attitude: care

03.2

site: maintaining

03.2

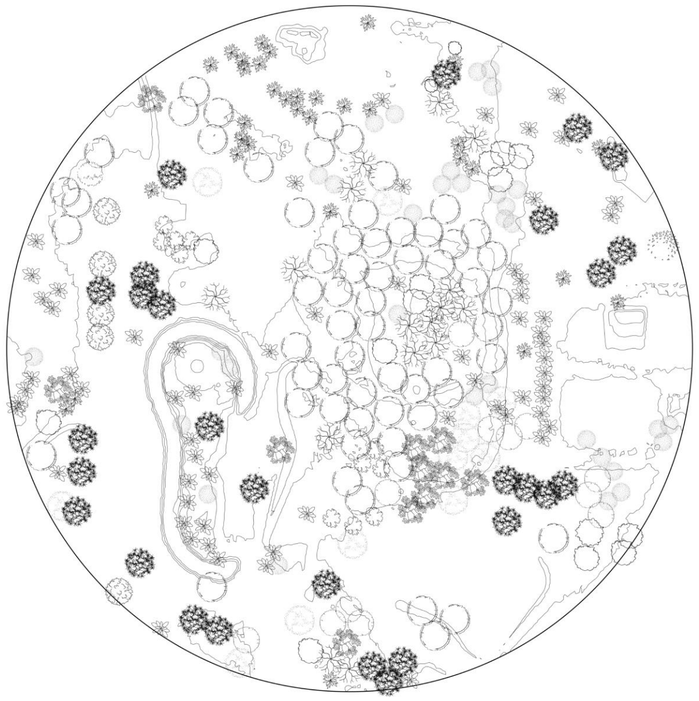
50+ years

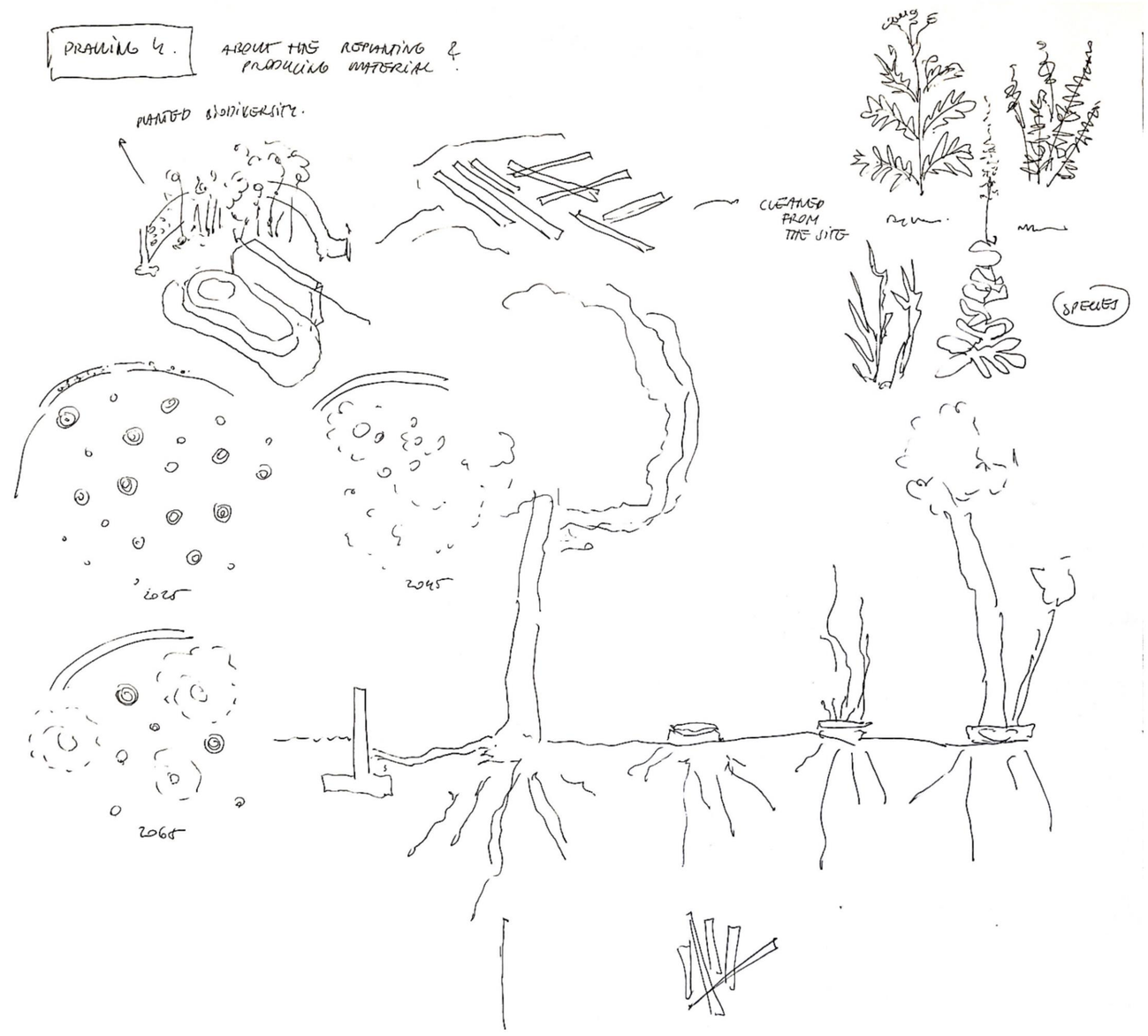
site: coppicing

03.2

every 20 years

- Birch
- Beech
- Oak
- Red oak
- Hornbeam
- Hawthorn
- Rowan
- Ash
- Horse chestnut
- Maple
- Ash-leafed maple
- Lime
- Plane
- Robinia
- Poplar
- Elm
- Fruit trees
- Spruce
  Pine
  Fir





dealing with: enclosures

03.3

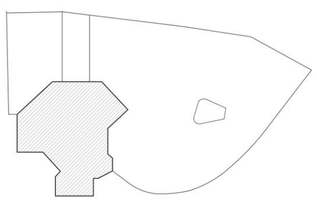
How to do as little as possible to invert the ways in which animal architecture is used, whilst preserving the memory of its past?

naturalistic architecture

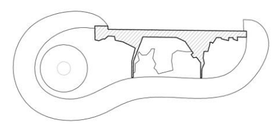
03.3

enclosures

Elephant Enclosure
The park



Lion Enclosure
The observatory



Bear Enclosure
The island

enclosures

03.3

bear enclosure

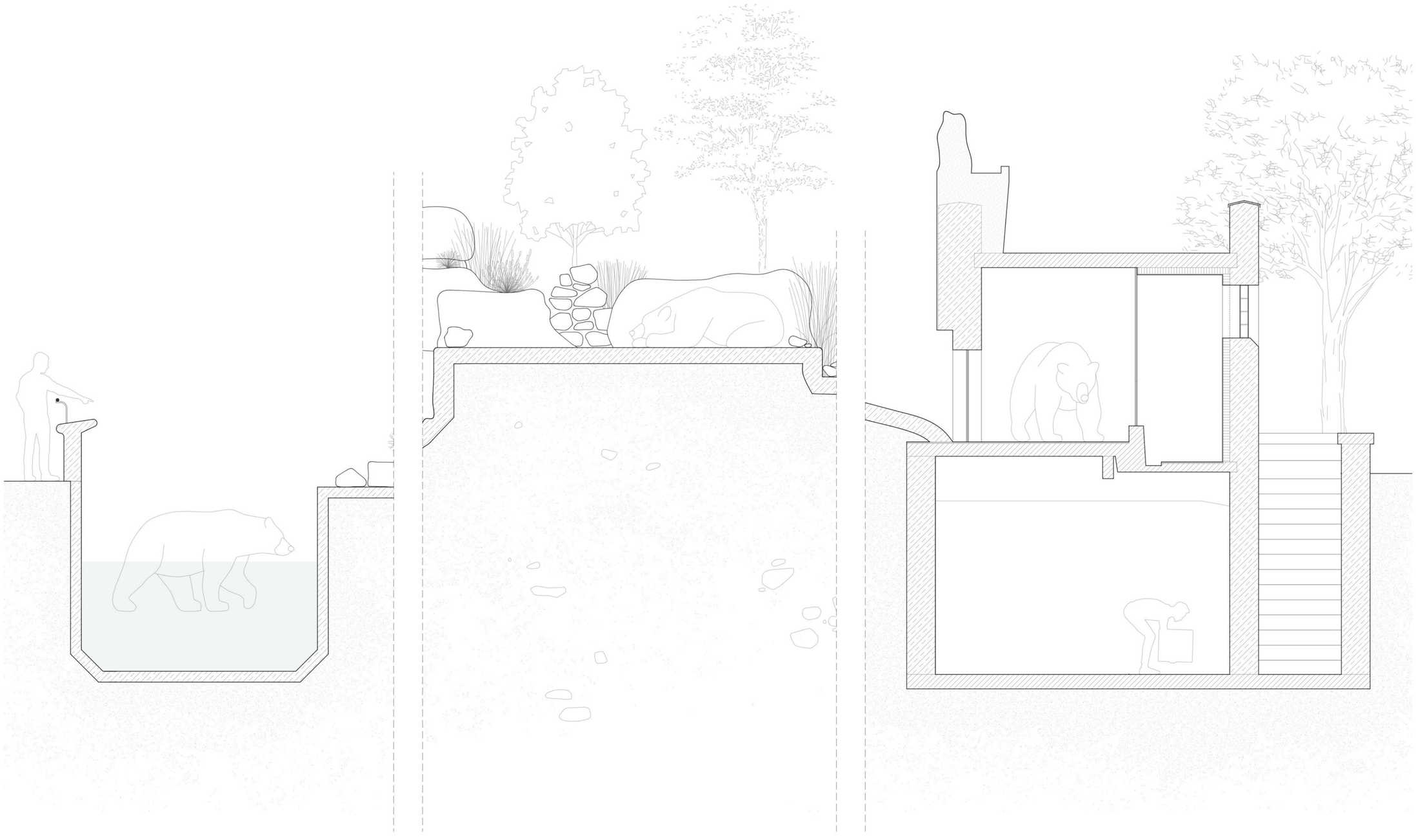
03.3


Widzi
MI
się
PRAGA
PRZY MIŚKACH
PRAGA
RUSAŁKA
8590
8590

building: elements

03.4

A-A



Bear Moat
with moving water

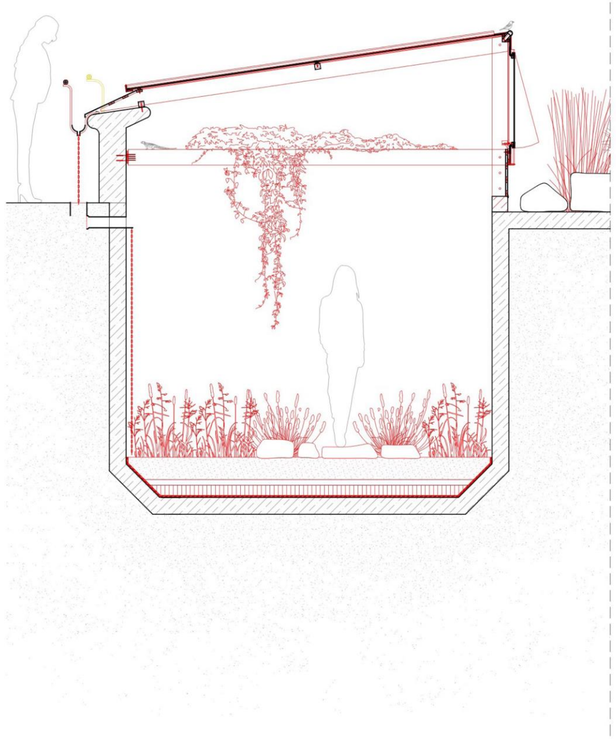
Concrete Island
a sealed surface

Feeding & Storage
bear cages and basement

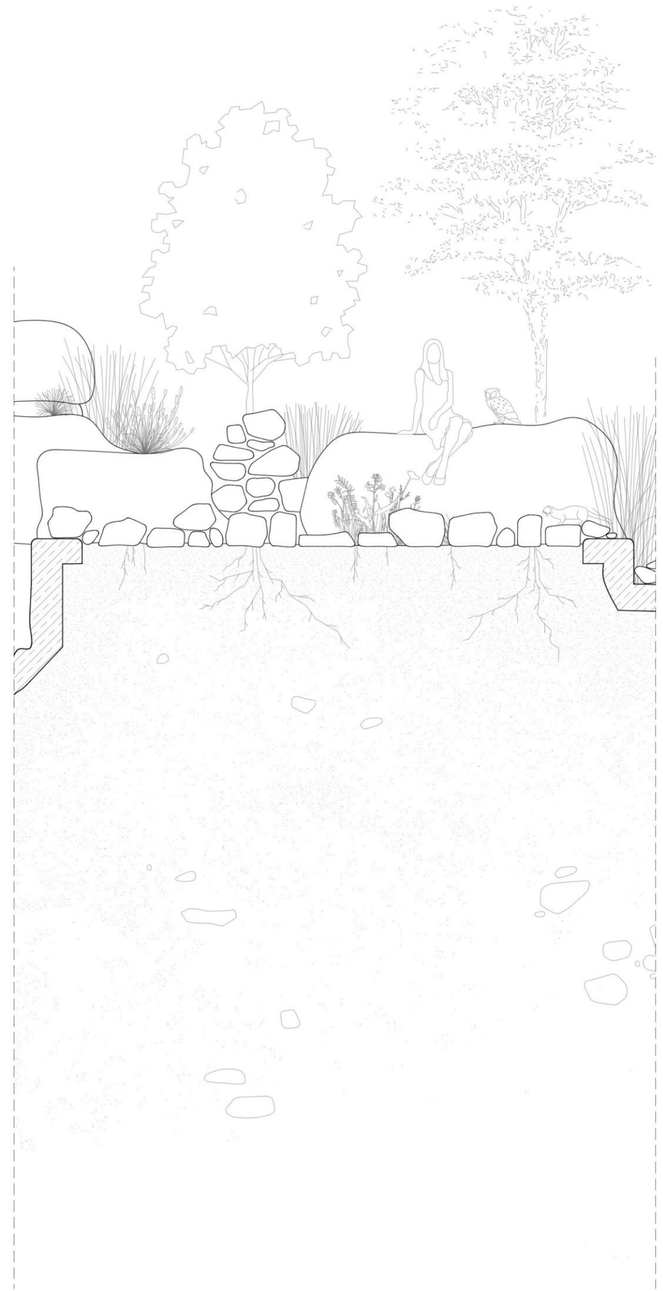
building: repurposing

03.4

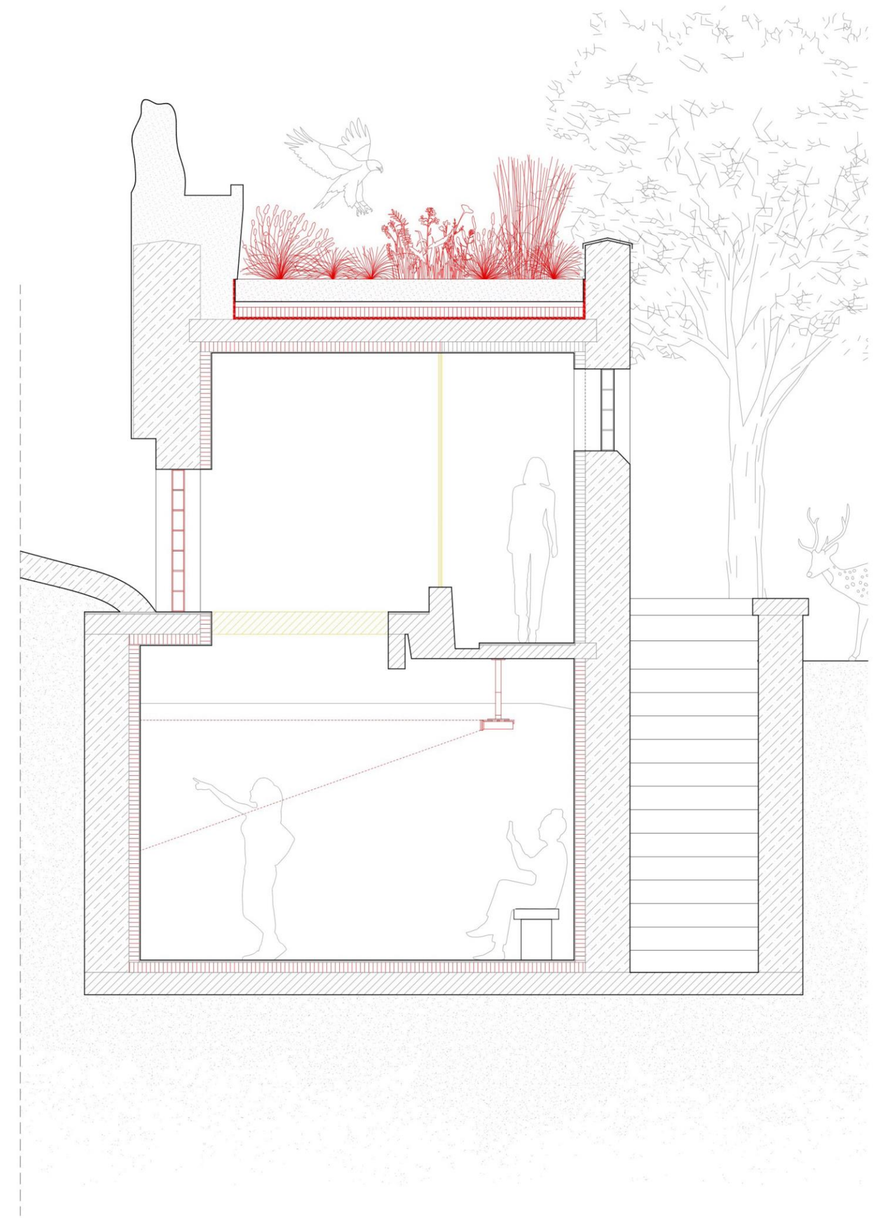
A-A



Ruination Garden
with local plant species



Rewilded Island
a permeable surface



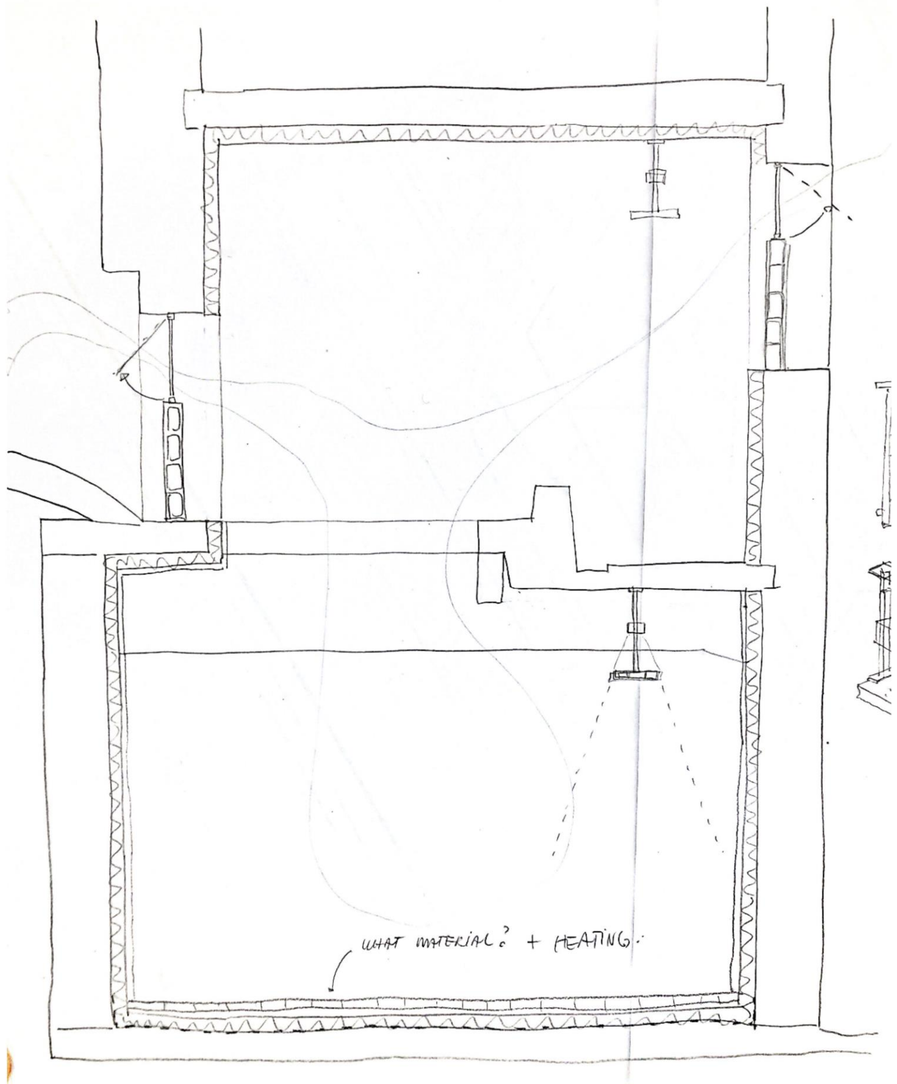
Exhibition & Education
about the former Zoo (sound, film)

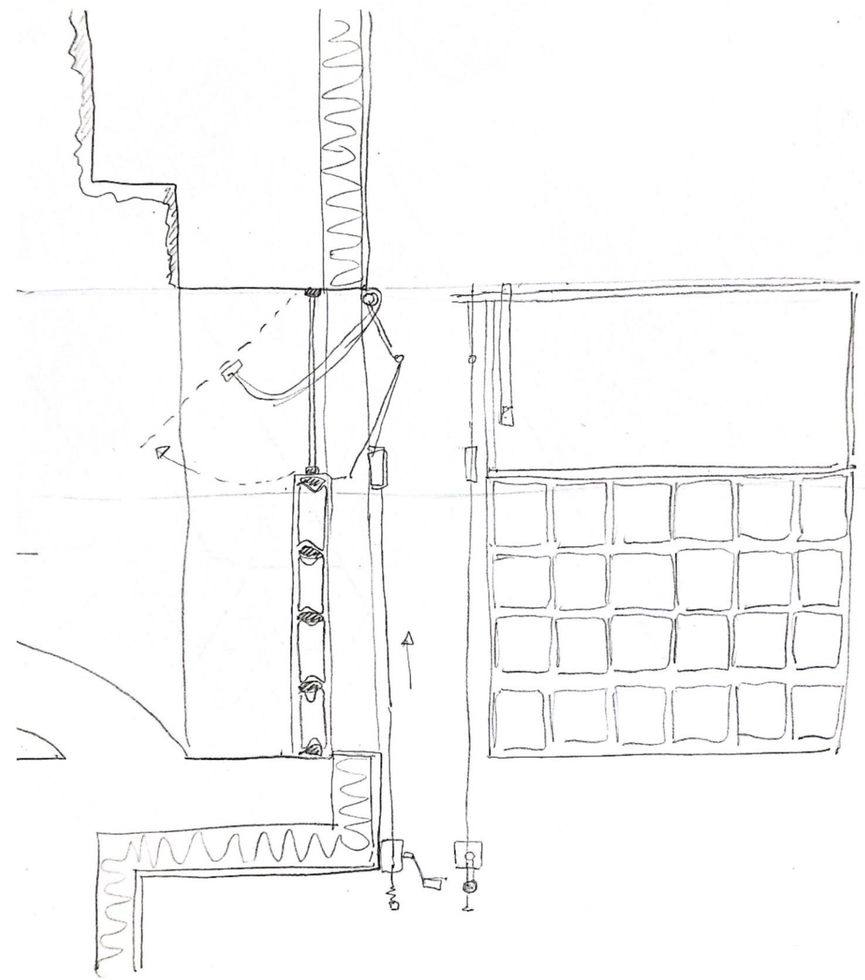
interior: remembrance

03.4

interior: ventilation

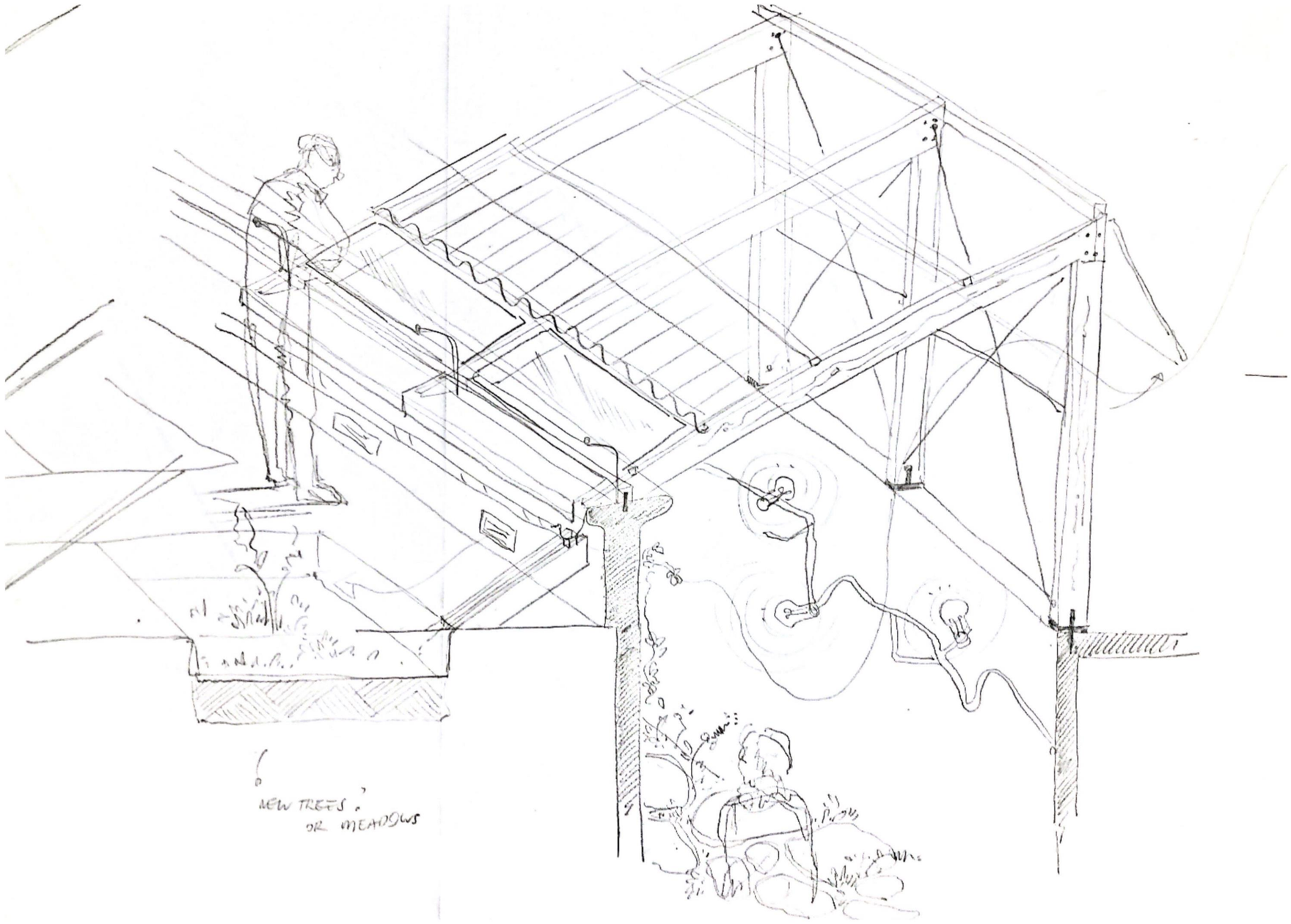
03.4





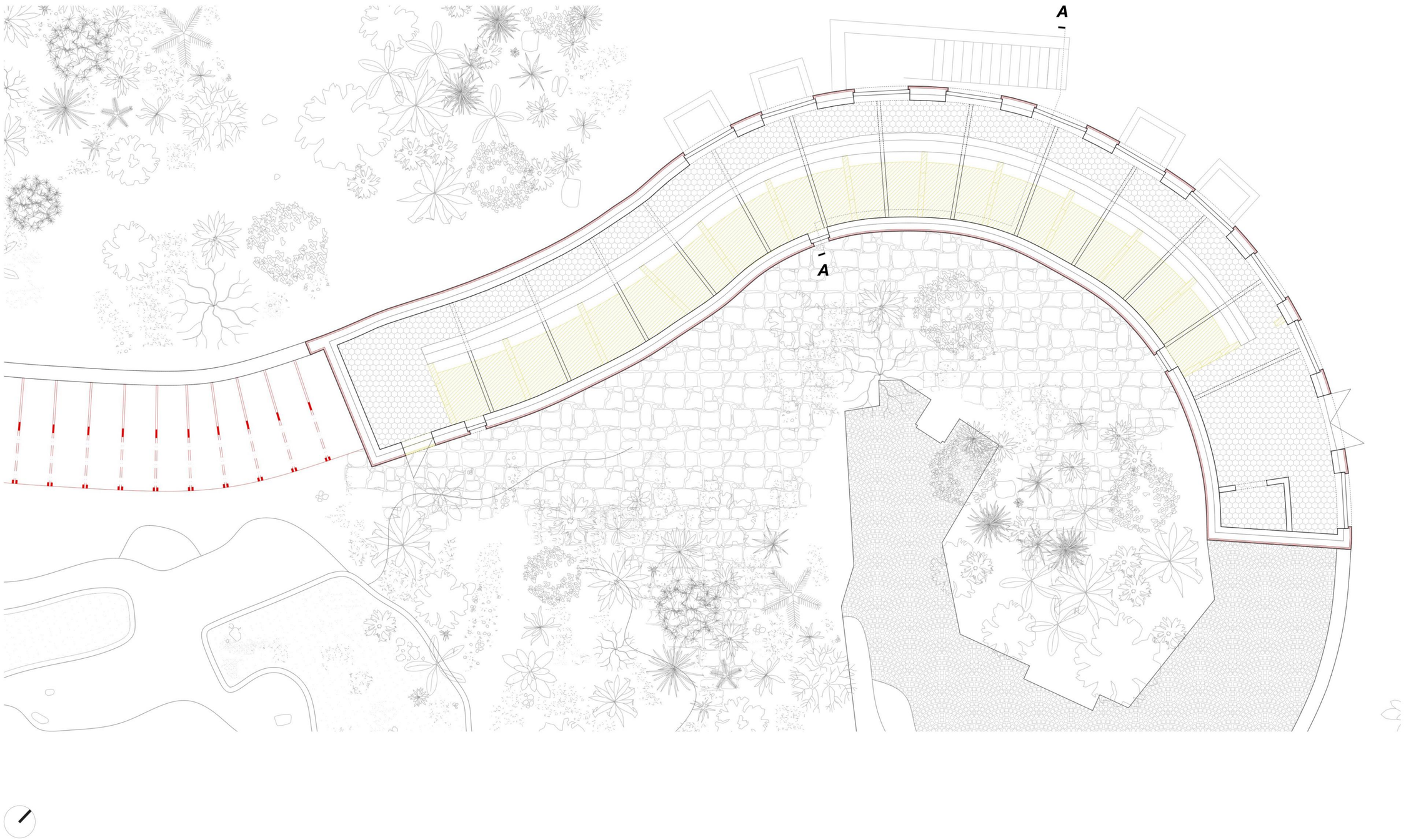
garden: ventilation

03.4



surface: permeability

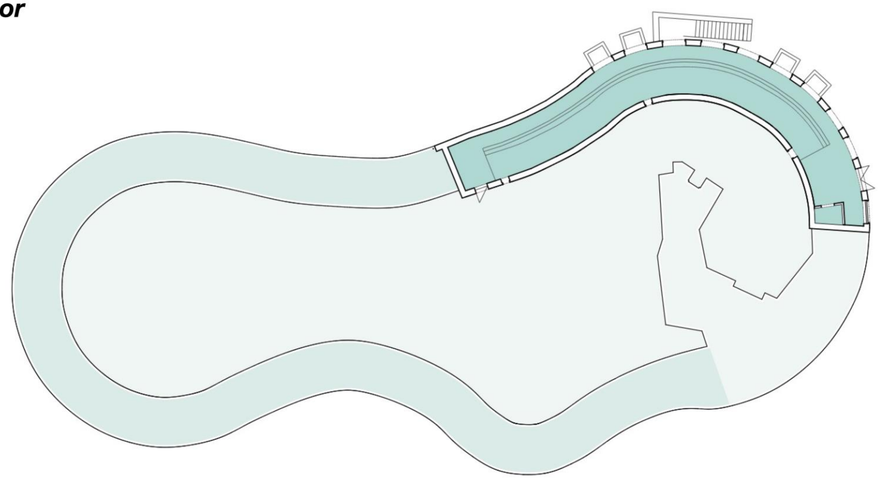
03.4



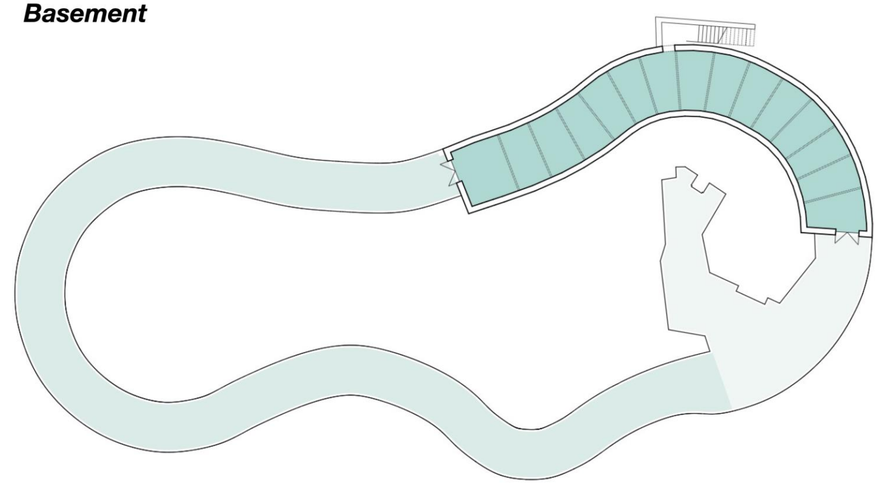
climatic zones

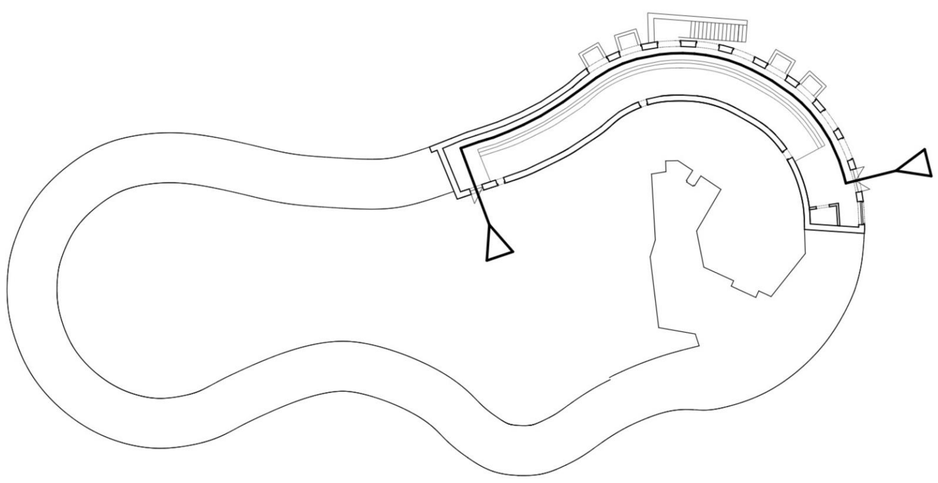
03.4

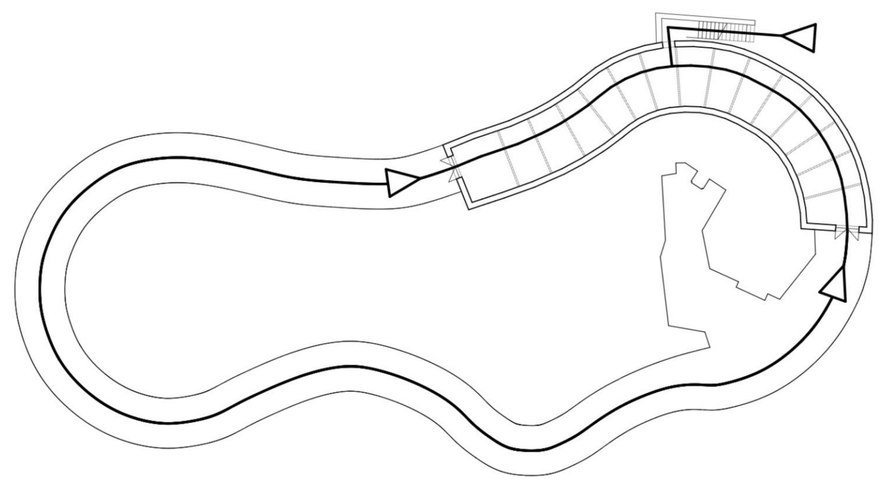
Ground Floor



Basement





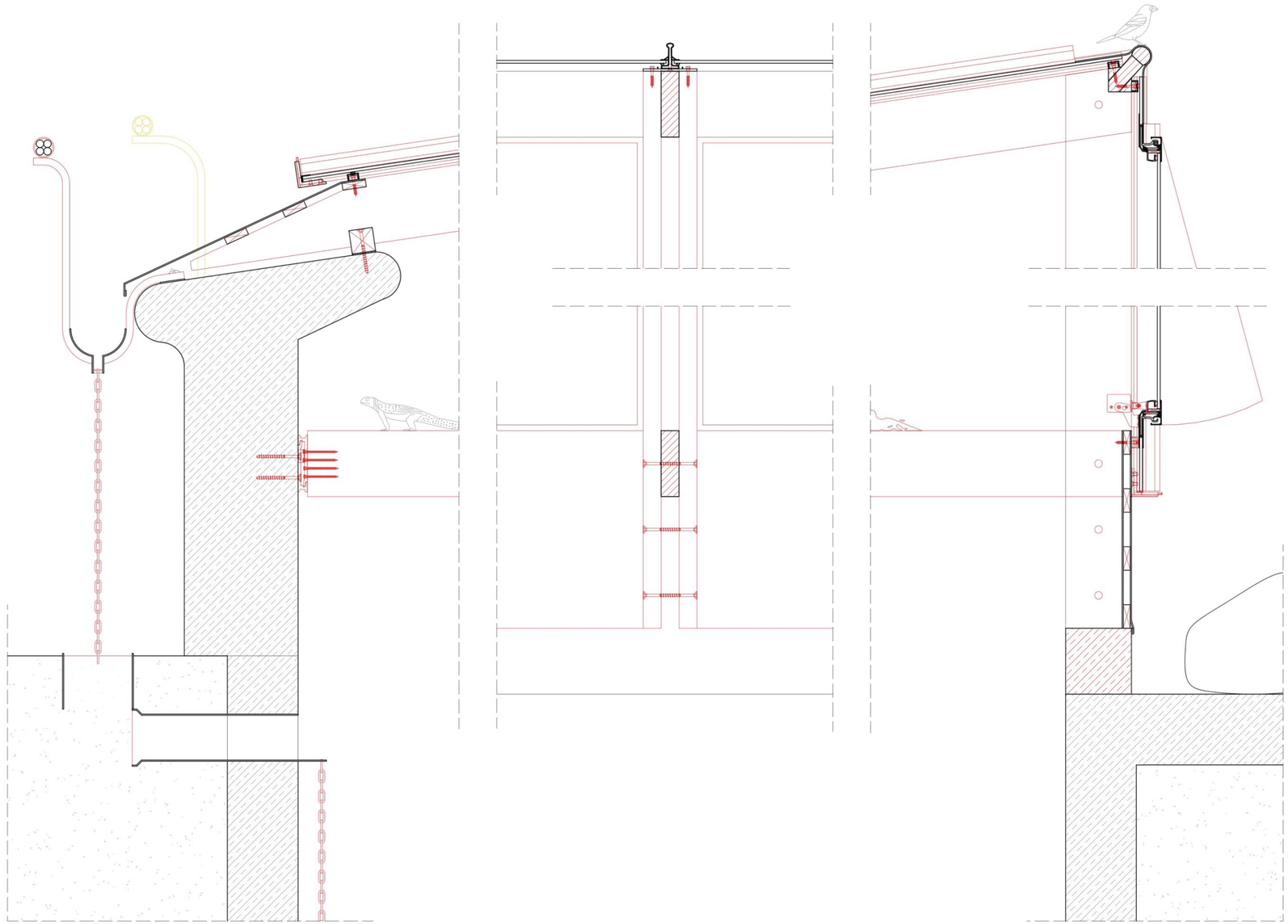


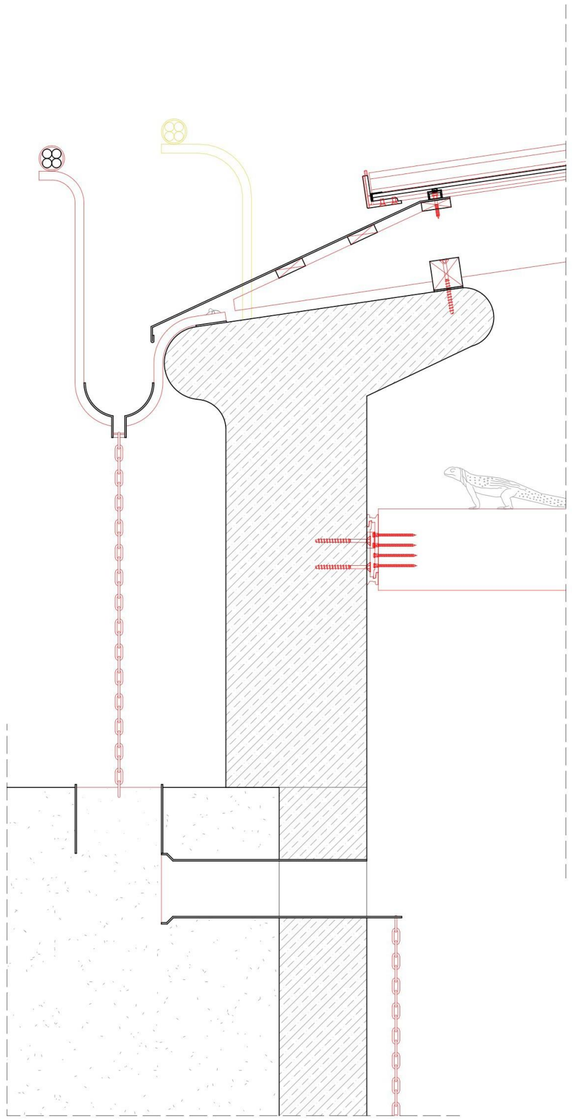
-25° to 35° ***0° to 15°*** ***15° to 30°***

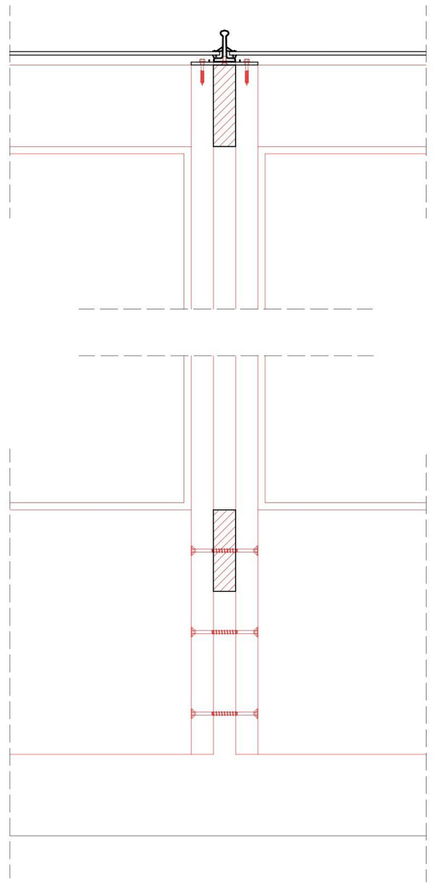
exterior: adding

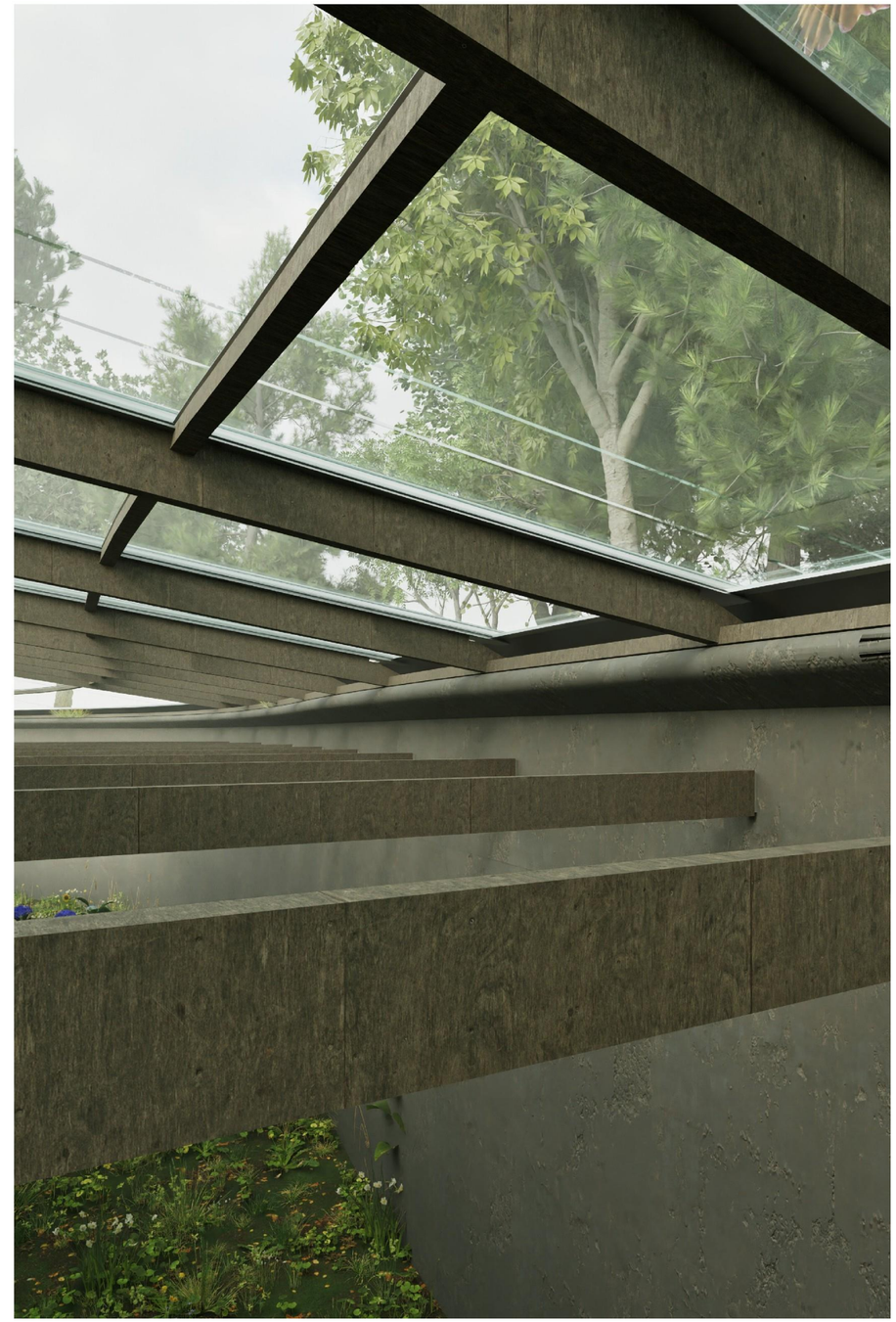
exterior: adding

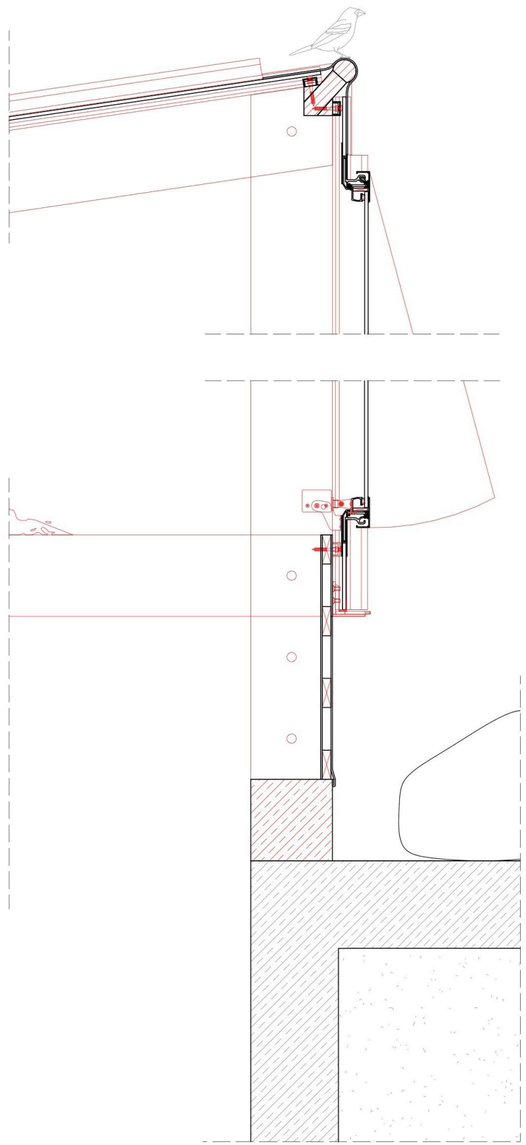
03.4





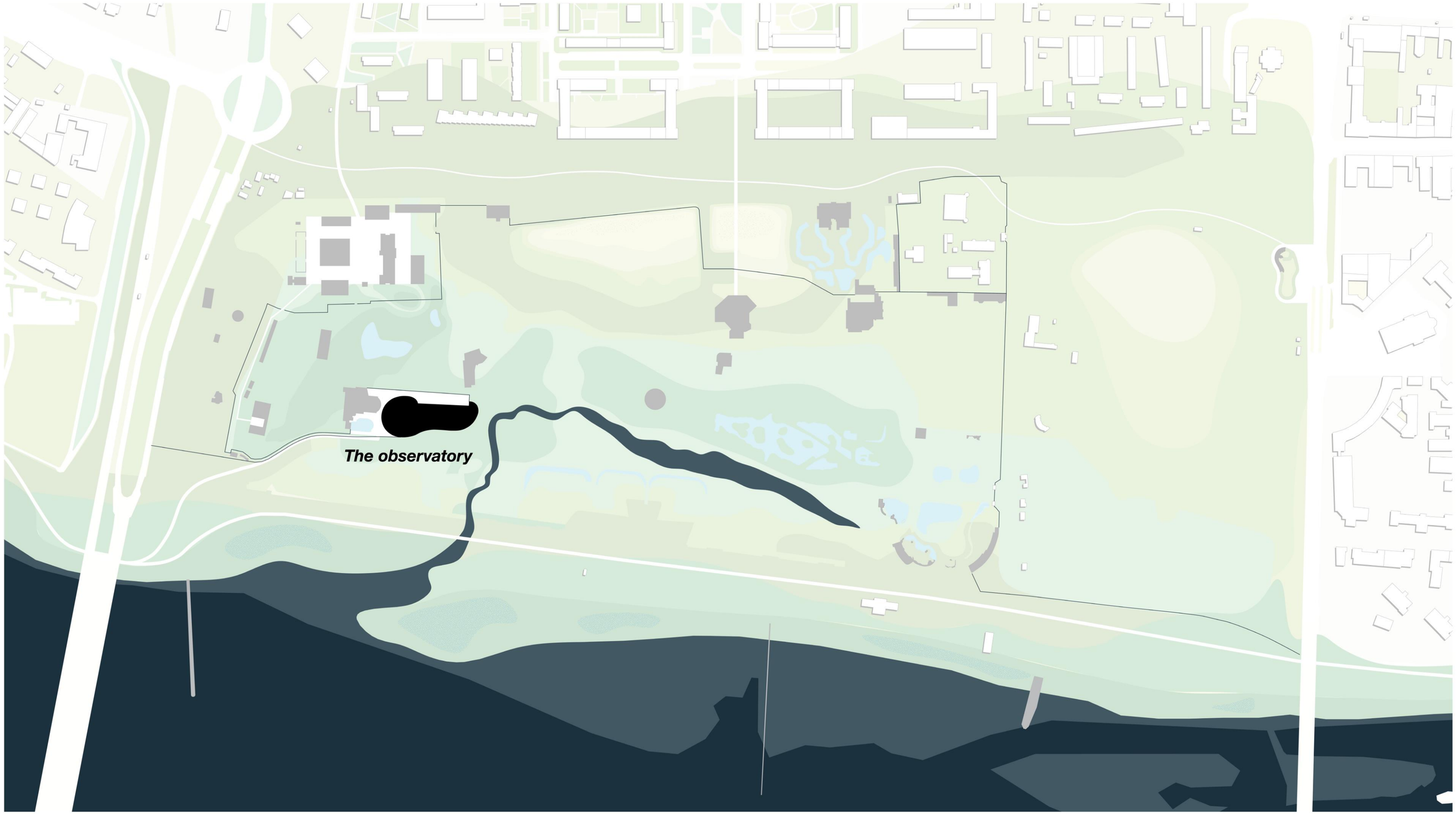






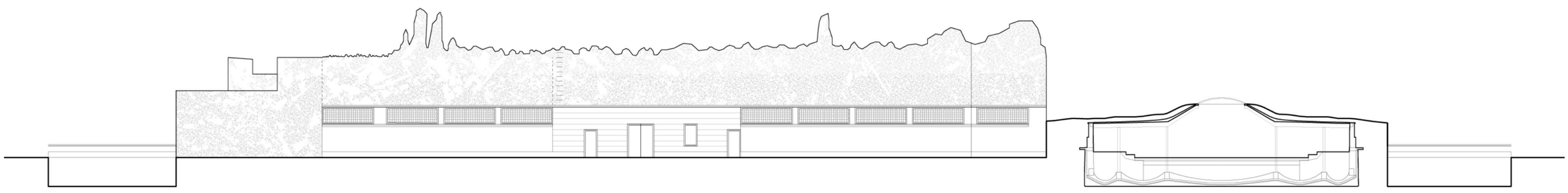
lion enclosure

03.3



building complex

03.3

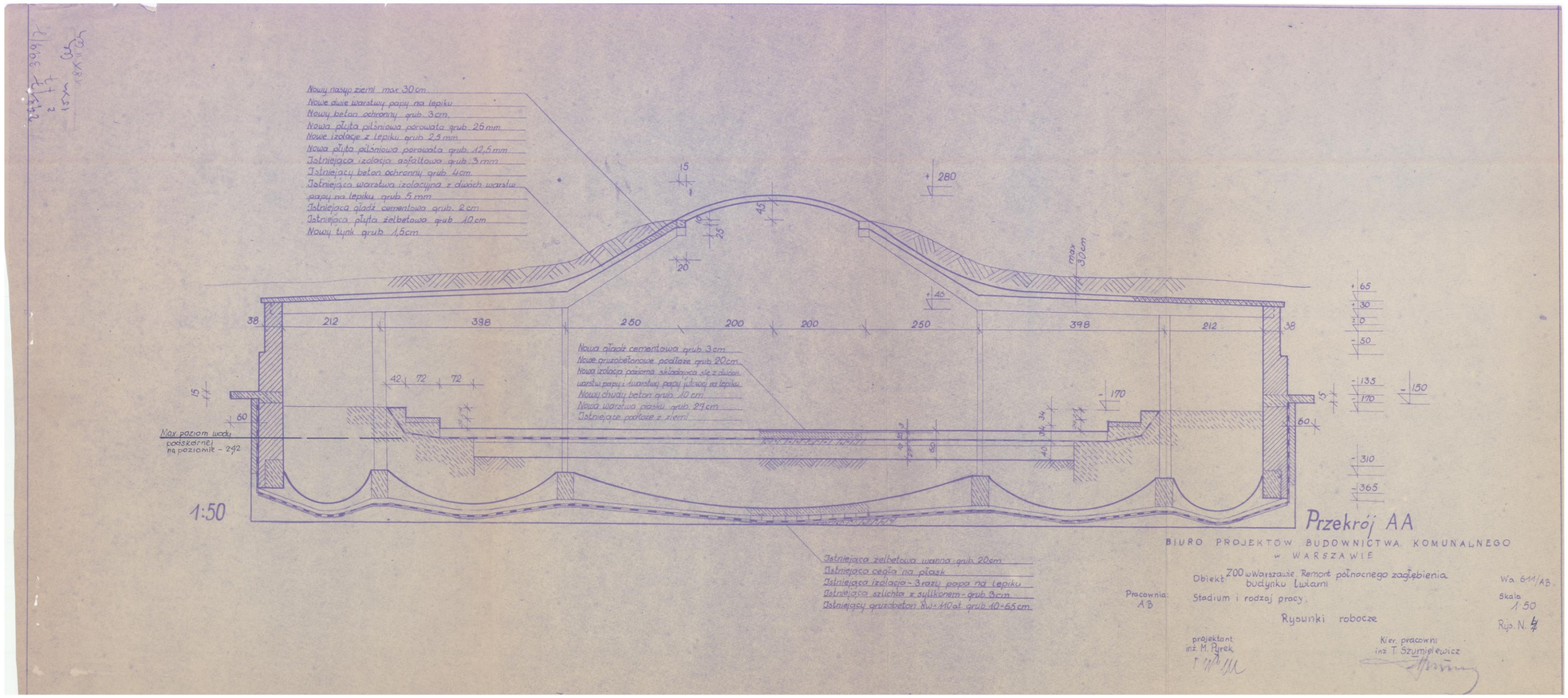


underground arena

03.4

interior: removing

03.4



Przekrój AA

BIURO PROJEKTÓW BUDOWNICTWA KOMUNALNEGO
w WARSZAWIE

Obiekt: Z00 w Warszawie. Remont północnego zagłębienia budynku Łuiami

Pracownia: AB

Stadium i rodzaj pracy:

Rysunki robocze

Wa. 611/AB.

Skala 1:50

Rys. N. 4

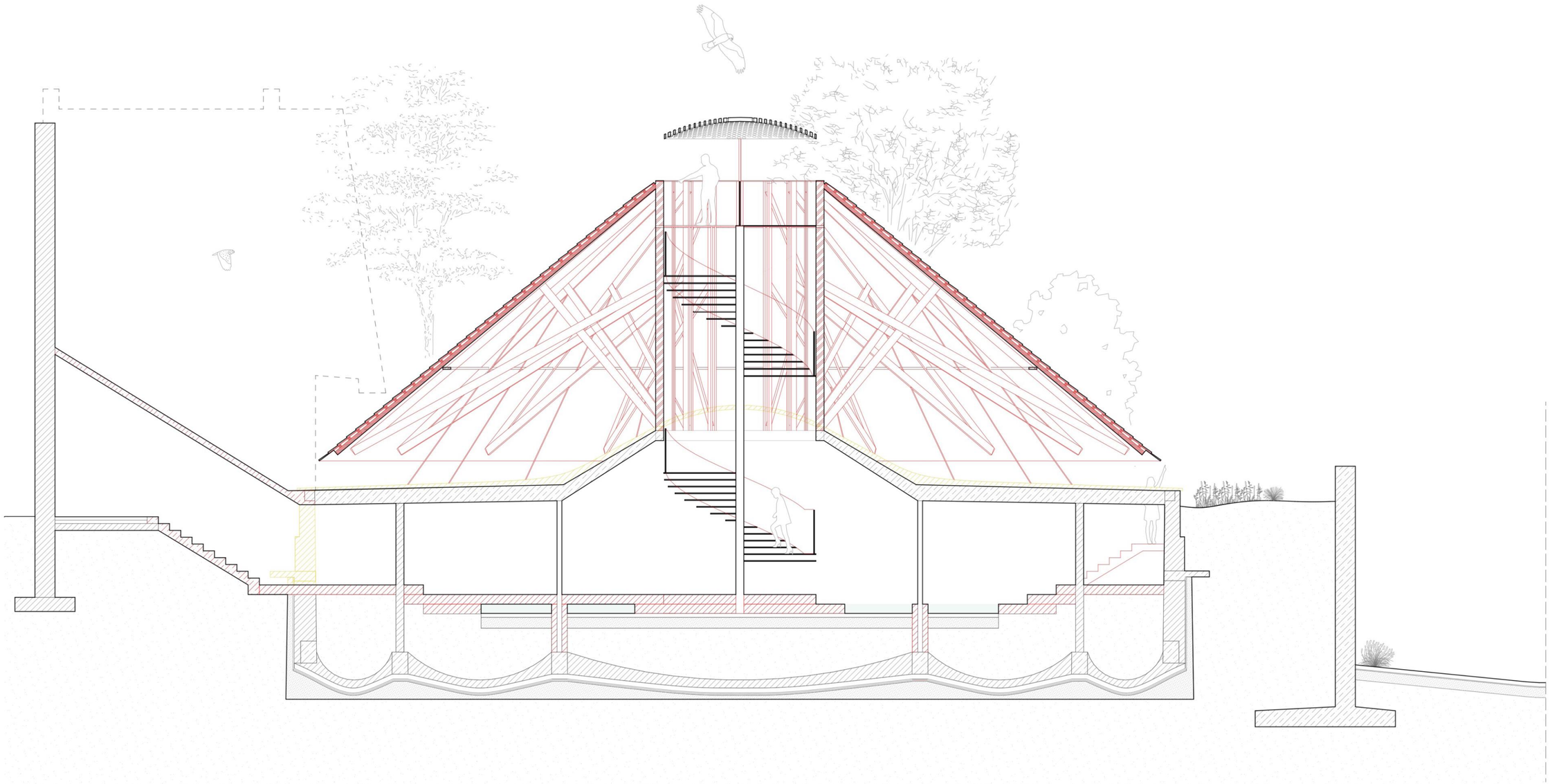
projektant: inż. M. Pyrek

Kier. pracowni: inż. T. Szymielewicz

interior: adding

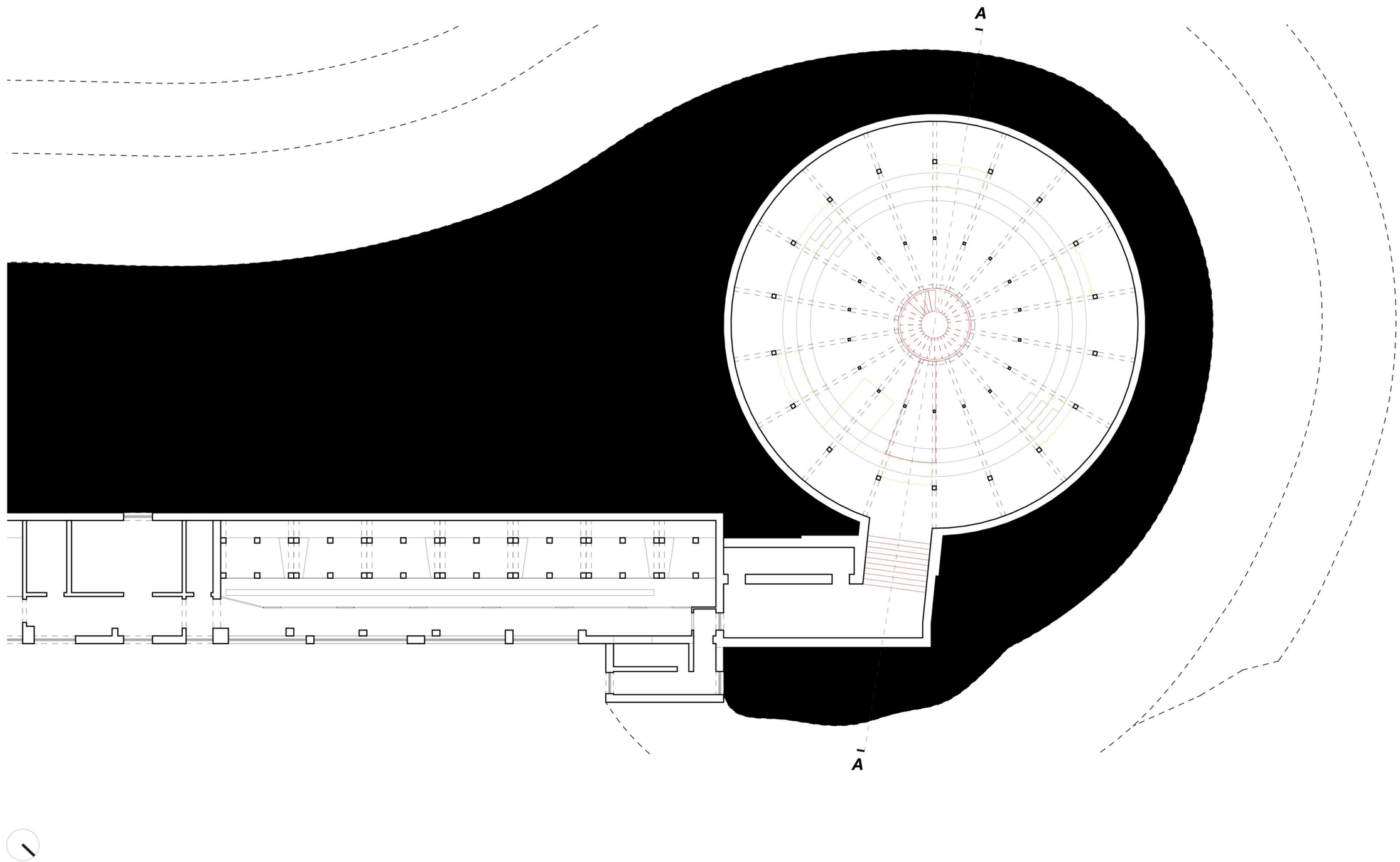
03.4

A-A



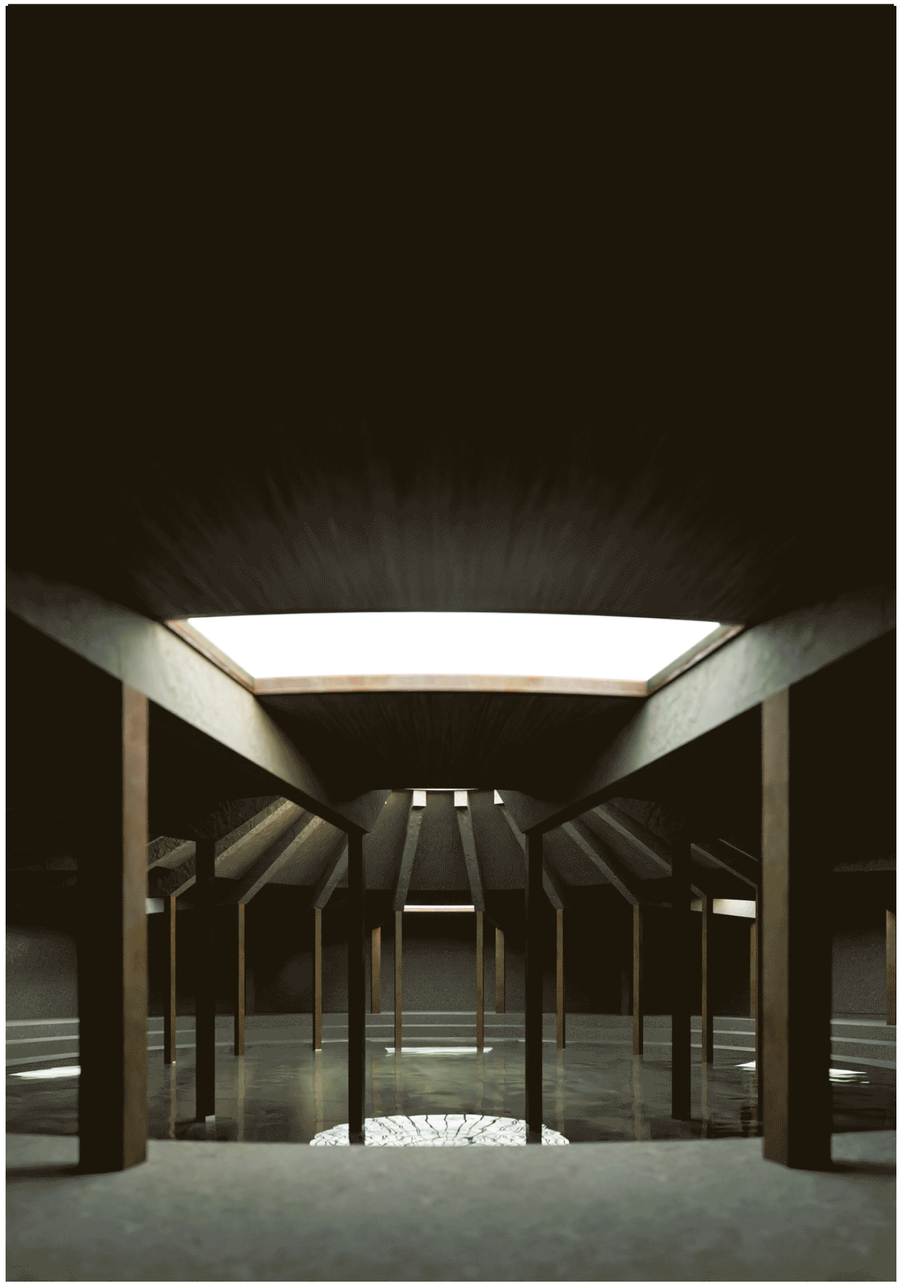
interior: adding

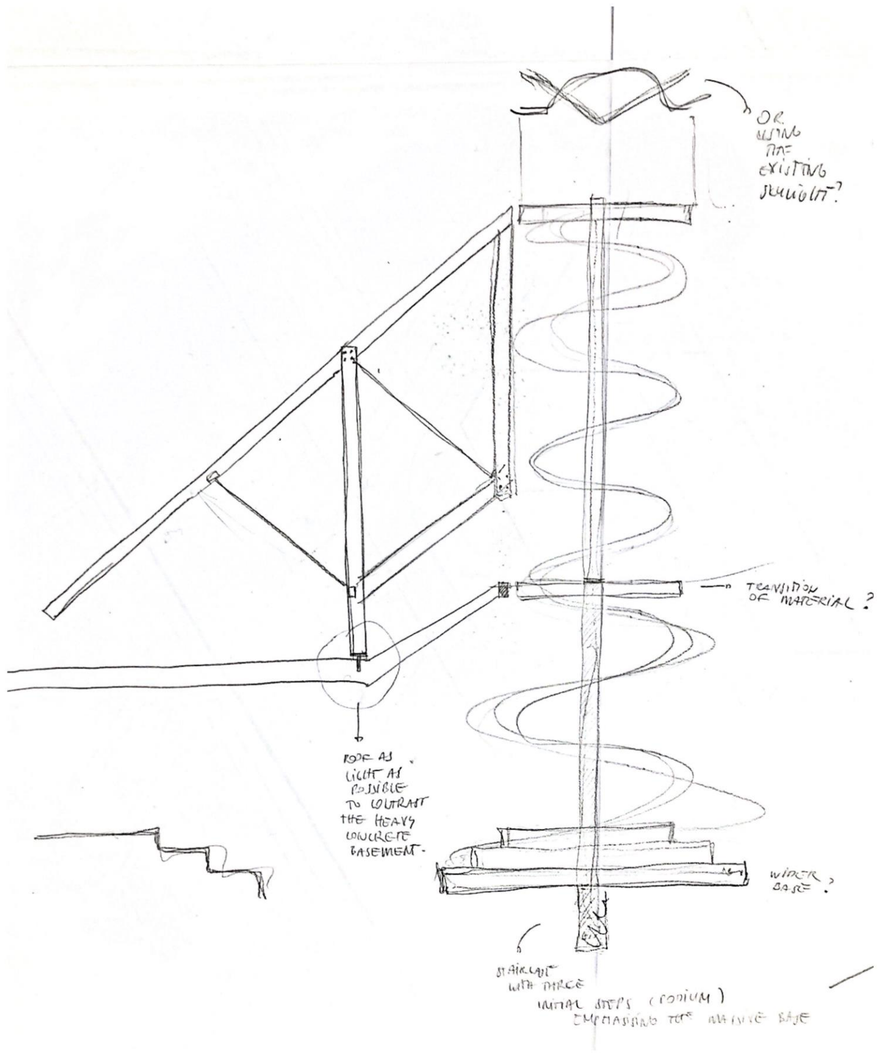
03.4

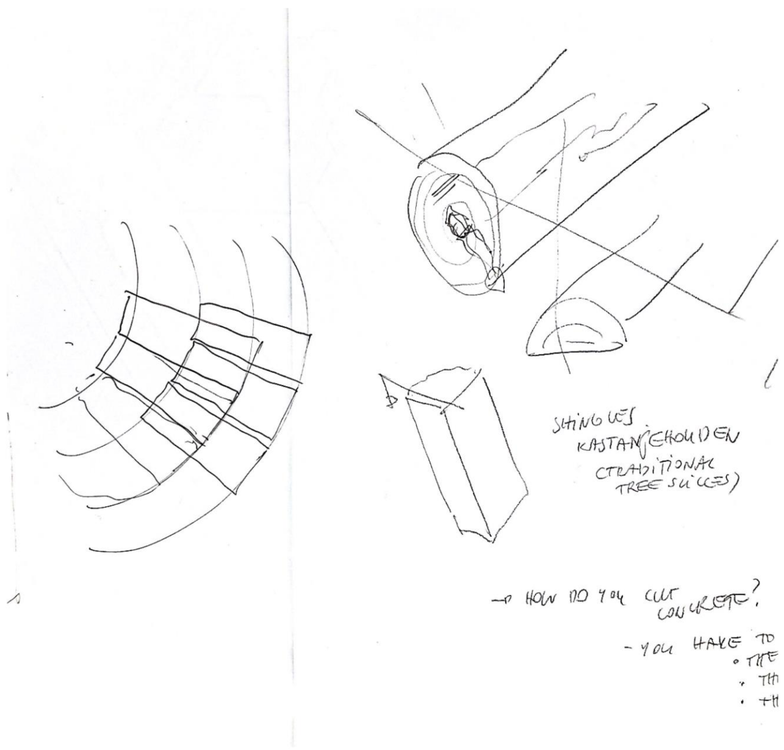


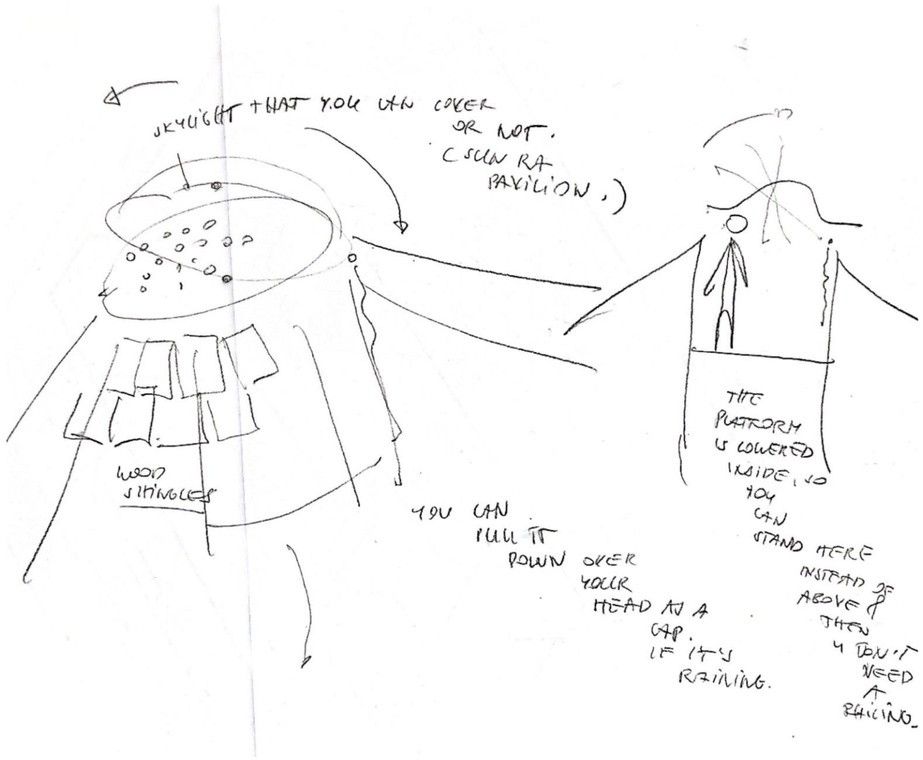
interior: adding

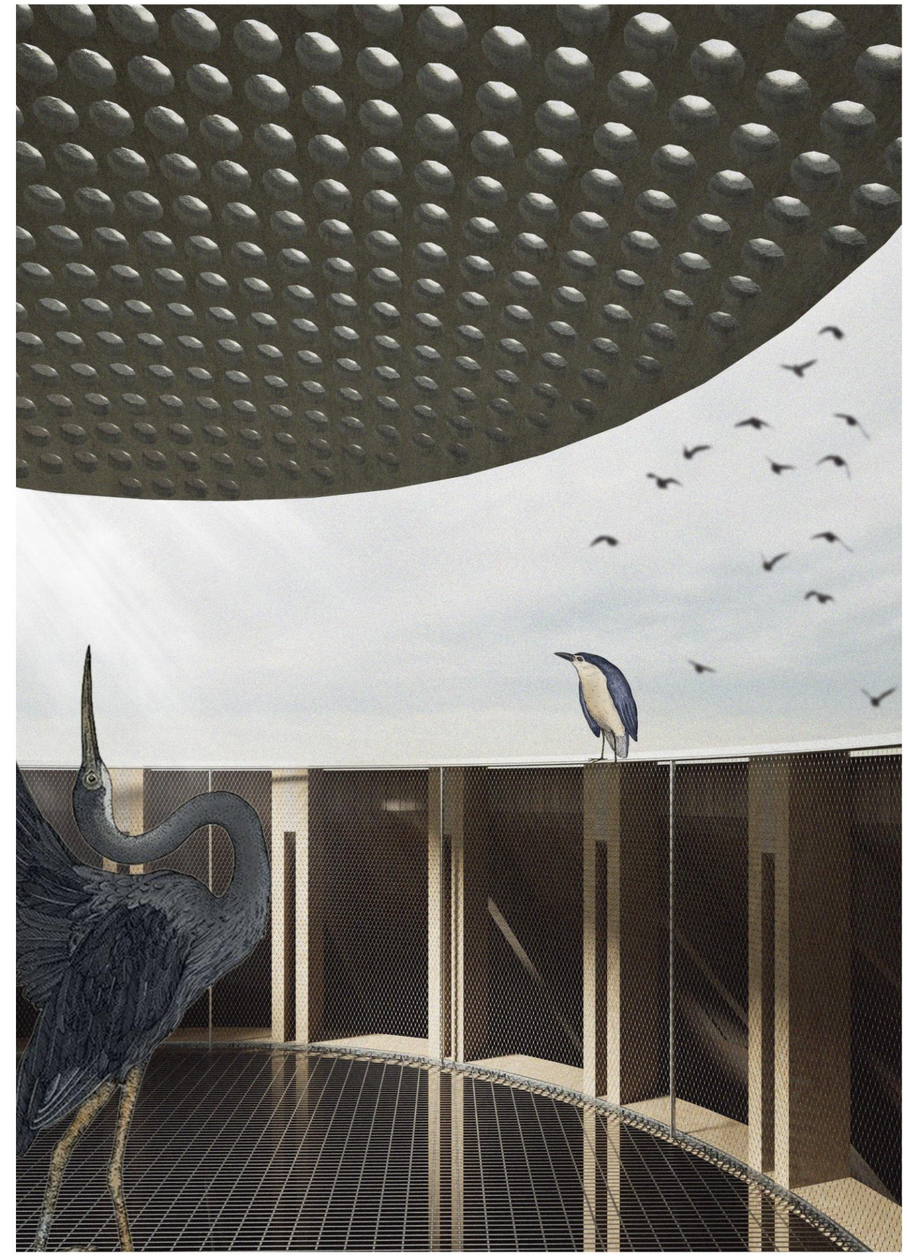
03.4




OR USING THE EXISTING SCHOOL?
TRANSITION OF MATERIAL ?
ROOF AS LIGHT AS POSSIBLE TO CONTRAST THE HEAVY CONCRETE BASEMENT.
WATER BASE ?
STAIRCASE WITH PARCE
INITIAL STEPS (PODIUM)
EMPHASIZING THE MAIVIE BASE


SHINGLES
KASTANJEHOUTEN
(TRADITIONAL
TREE SLICES)
→ HOW DO YOU CUT CONCRETE?
- YOU HAVE TO


SKYLIGHT THAT YOU CAN COVER OR NOT.
(SUN RA PAVILION.)
WOOD SHINGLES
THE PLATFORM IS COVERED INSIDE, SO YOU CAN STAND HERE INSTEAD OF ABOVE & THEN YOU DON'T NEED A RAILING.
YOU CAN PULL IT DOWN OVER YOUR HEAD AS A CAP. IF IT'S RAINING.

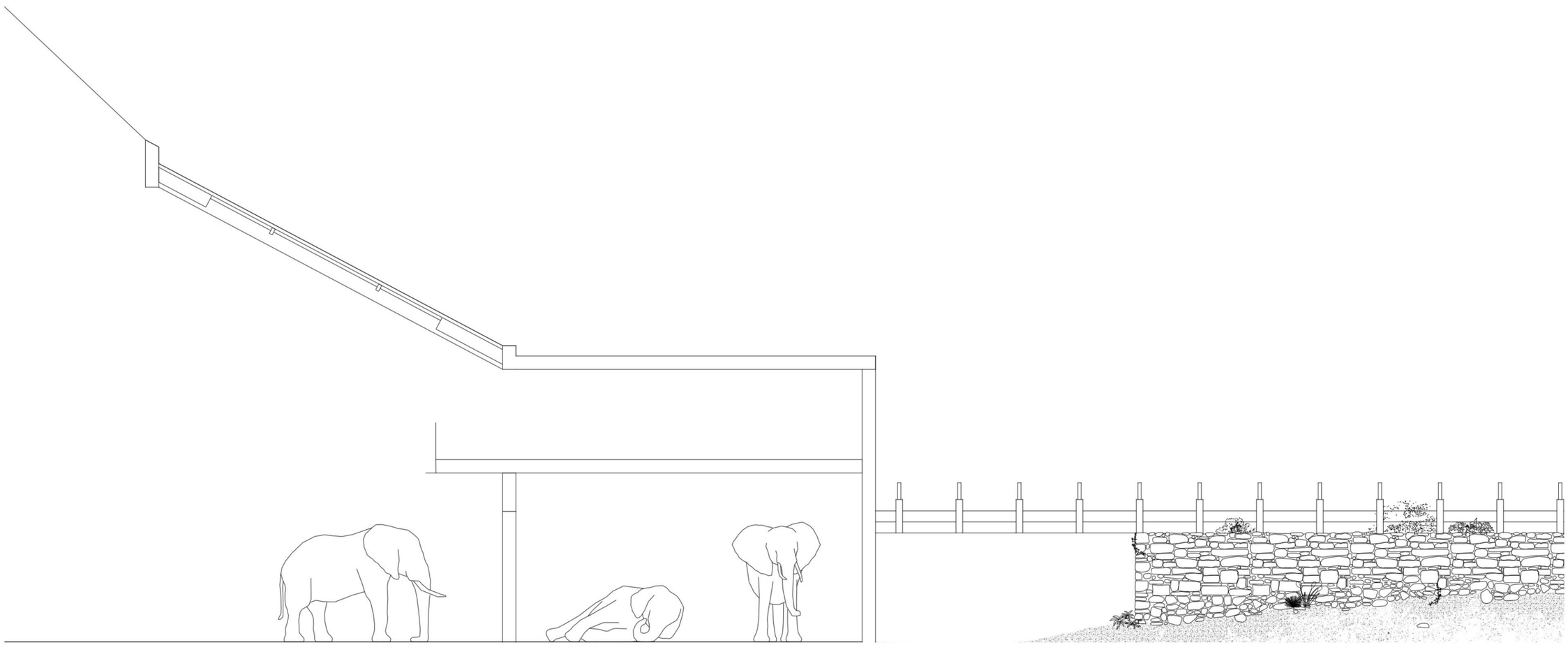


elephant enclosure

03.3

the last beast

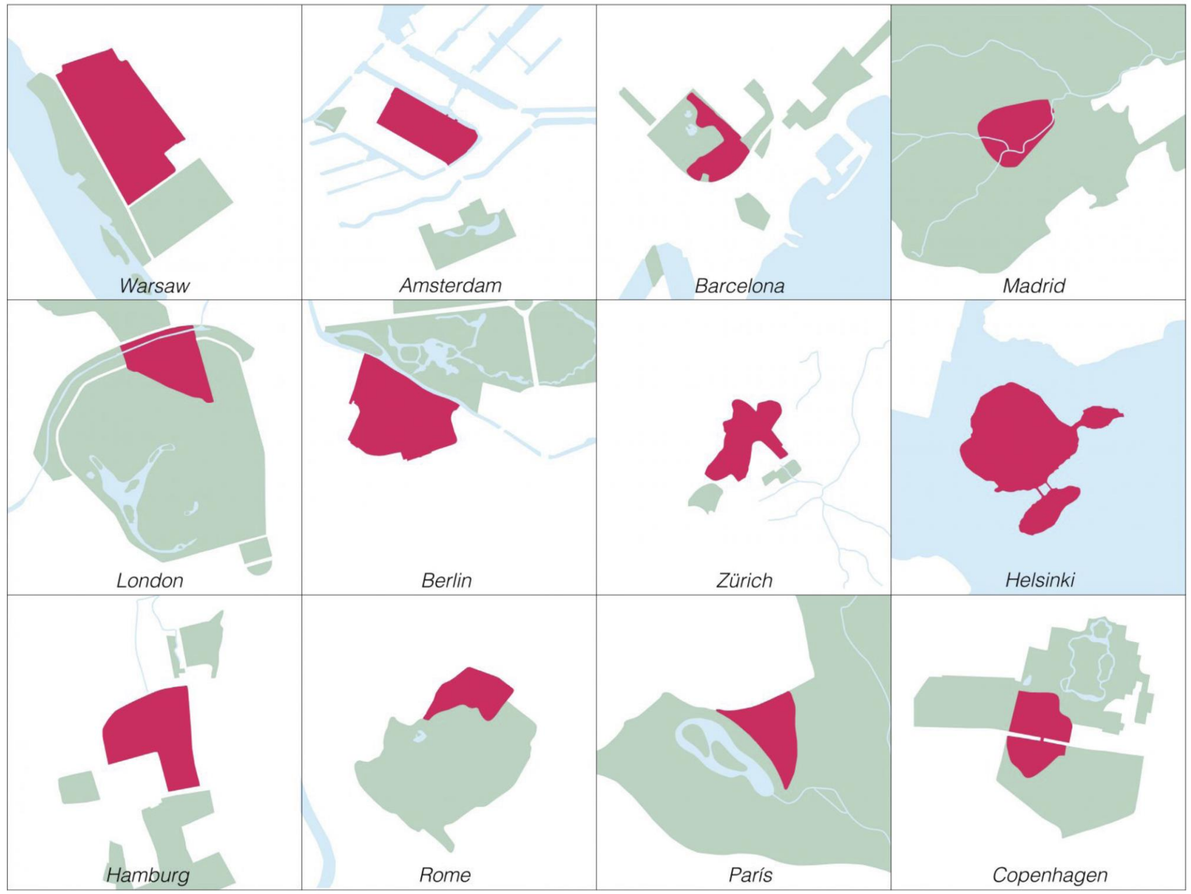
03.3



exterior: existing

exterior: added

03.3



Metropolitan Zoos in Europe
Centrala Design Group

interspecies alliance

04.2

From: The Wizard of Oz
Judy Garland

CARE TO GET
YOUR BOOTS
DIRTY?


Maja Liro
Independent Group
Thank You
caretaker-catalogue.com