



S Ó L I D O . L Í Q U I D O . L Í T I C O

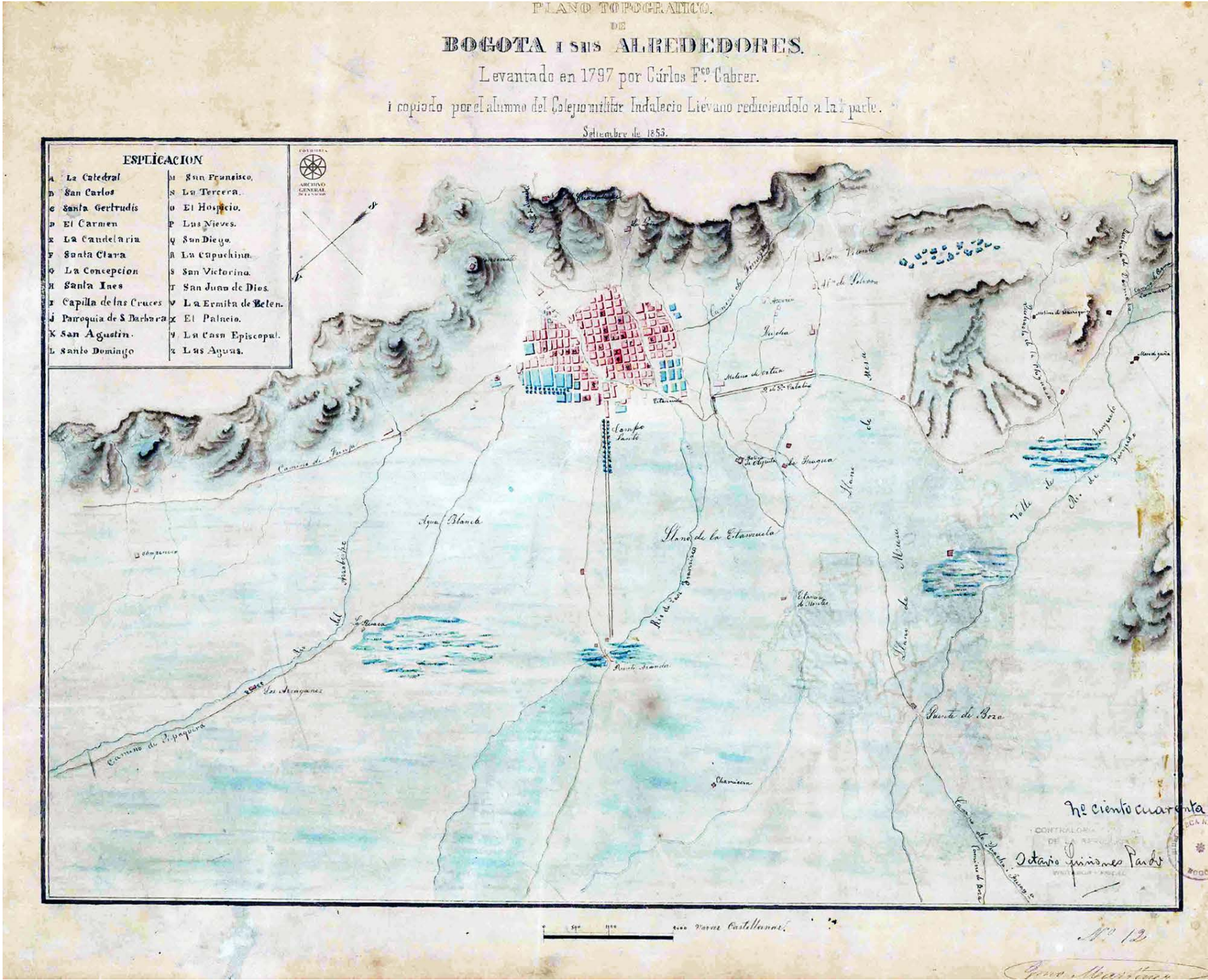
A r i v e r g a r d e n f o r B o g o t á

SENSORIAL ARCHAEOLOGY AND THE UNAPPARENT



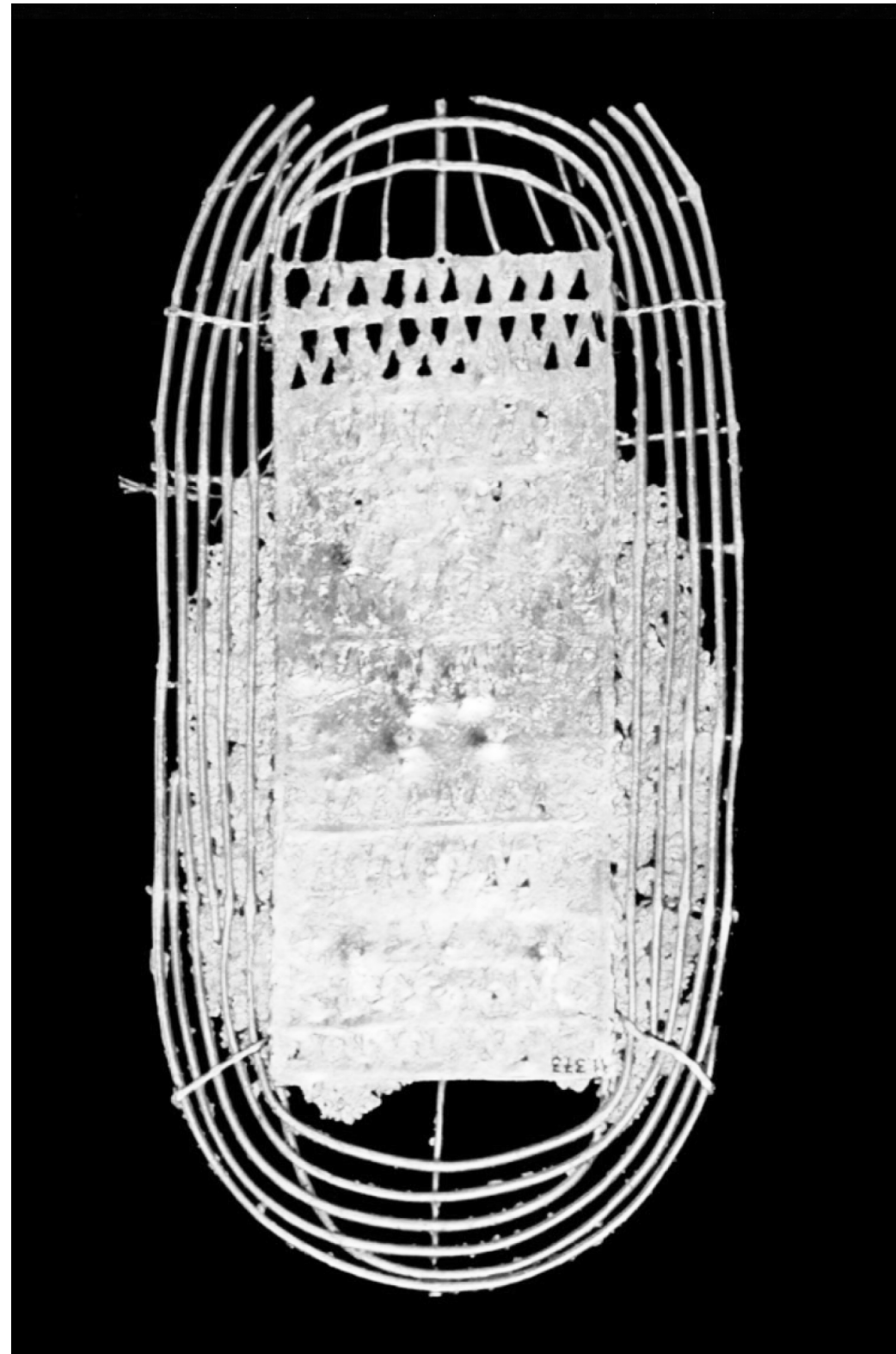
UNAPPARENT is not the imperceptible, it is the unperceived

W A T E R I N T E U S A Q U I L L O



1797 - BOGOTÁ Y SUS ALREDEDORES by Carlos Francisco Cabrera

HISTORY \ MEMORY \ RITUALS

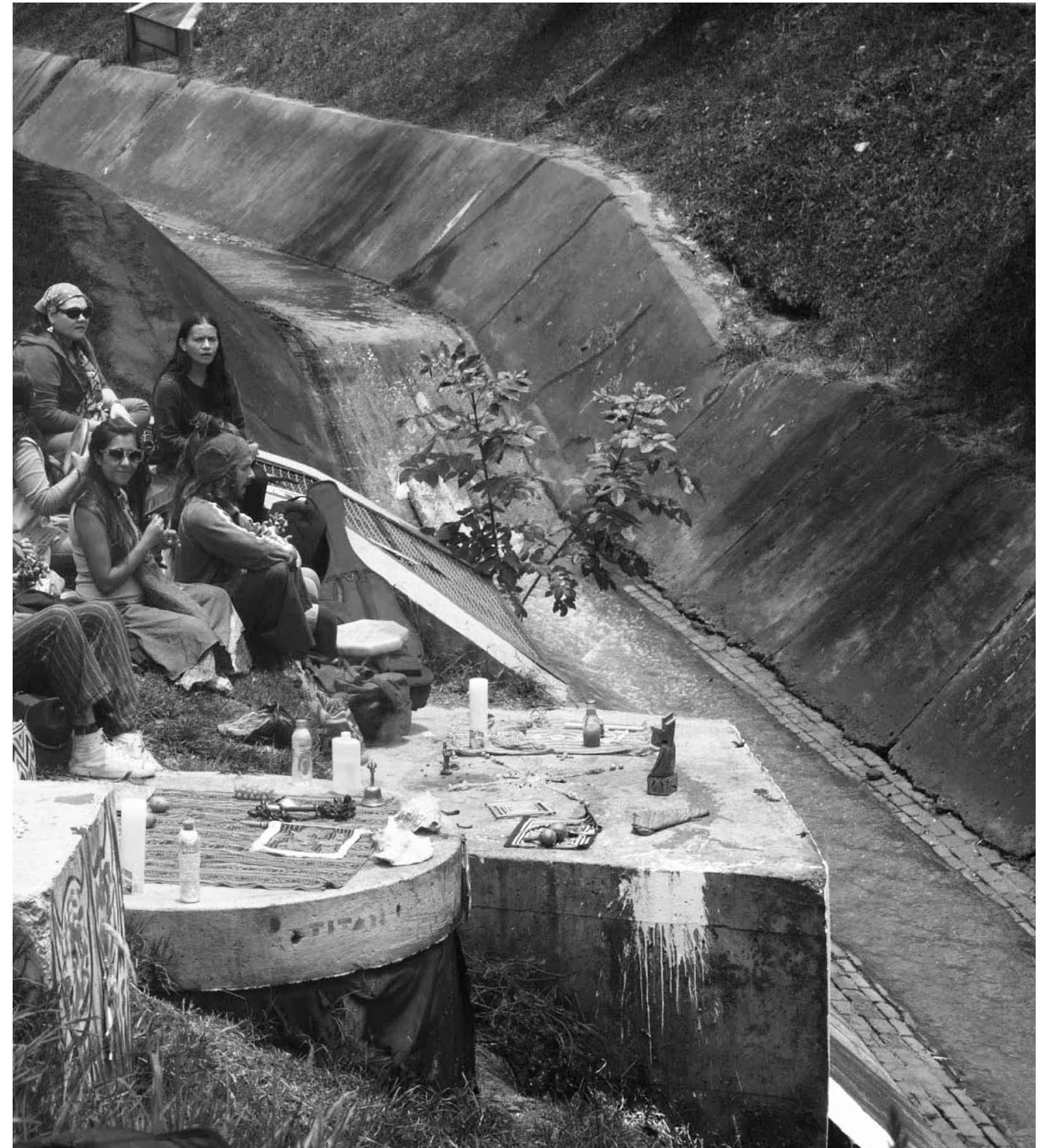


The Muiscas worshipped lagunes - Guatavita, Ubaque, Fuquene Tota, Iguaque and so on - and gave importance to the sacred baths of the caciques, during which they used to celebrate great ceremonies. The Cacique of Chia used to bathe in the sacred springs of Tiquiza. The Zipa used to have his sacred bath in Teusaquillo.

Ocampo Lopez, Mitos y leyendas indígenas de Colombia, Plaza & Janes Editores, Colombia 2013

< Balsa Muisca, Museo de l'Oro. Bogotá

CANTO AL AGUA



From the mountains to the urban fabric

disappears underneath the street

TRACES OF INFORMAL LIVING

living and working

bathing

FLOW INFRASTRUCTURE

Parque Nacional
Enrique Olaya Herrera

cascada Rio Arzobispo

bridges and passages

URBAN BIODIVERSITY



1910



1930



1970

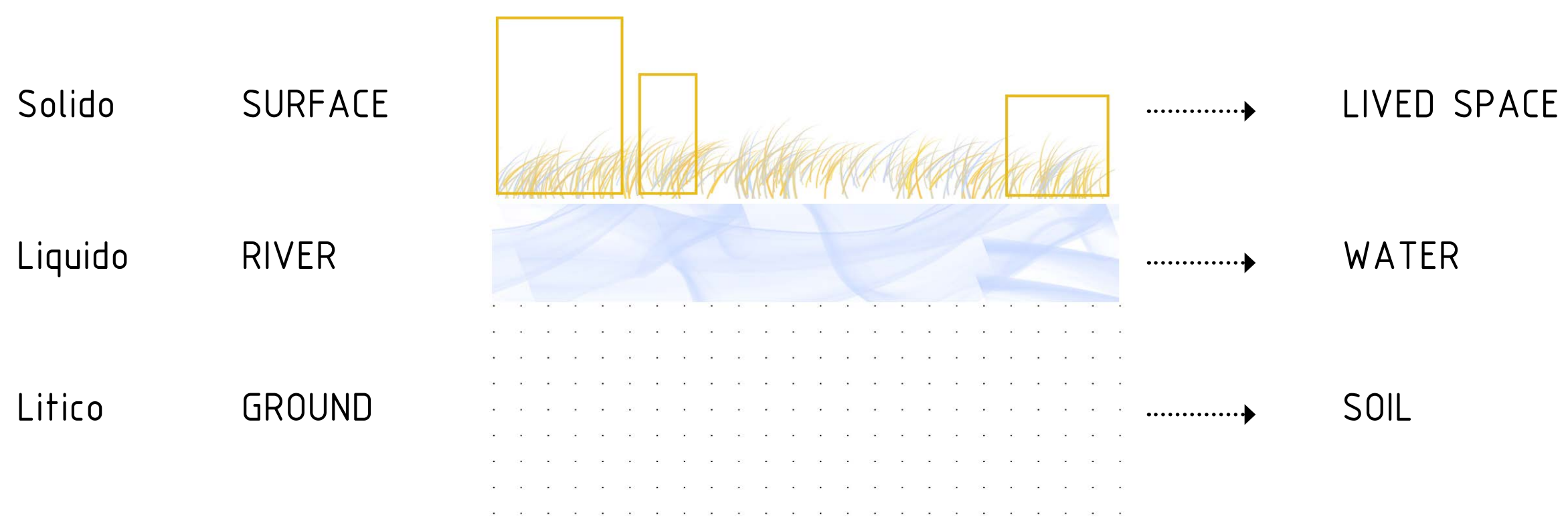


2015

P R O J E C T A I M

- R E C U P E R A T I O N O F T H E R I V E R A S A N A T U R A L R E S O U R C E
T H R O U G H R E - N A T U R A L I S A T I O N - **E C O S Y S T E M**

- R E C O N N E C T I O N O F T H E C I T I Z E N S W I T H T H E N A T U R A L L A N D S C A P E
A N D T H E O R I G I N O F T E U S A Q U I L L O - **P U B L I C L I F E**



C O N C E P T U A L A N A L Y S I S



W A T E R \ B O D Y \ S O I L
R e c o n n e c t i n g w i t h t h e e l e m e n t s

COLOMBIAN BATHING CULTURE



WATER \ water pit in the Bogota region
Citizens bathing in the Cascada Arzobispo

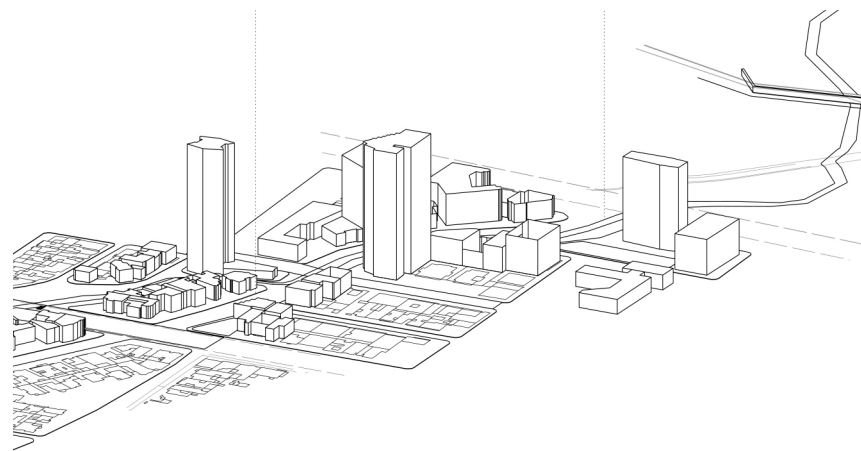
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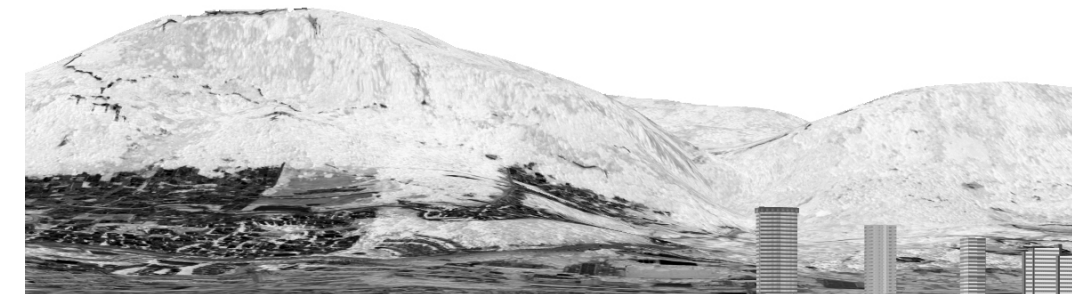
C O N T A C T W I T H W A T E R A N D S O I L \
Q U I E T U D E \
H O T A N D C O L D A N D I N - B E T W E E N \
R I T U A L I T Y \
D I S C O V E R Y \
I N T I M A C Y

H O W T O
UNDESIGN THE
B A T H
AND TURN IT
I N T O
A R I T U A L
T H A T
CELEBRATES
W A T E R
A N D
S O I L ?

A RIVER GARDEN PUNCTUATED BY PAVILIONS



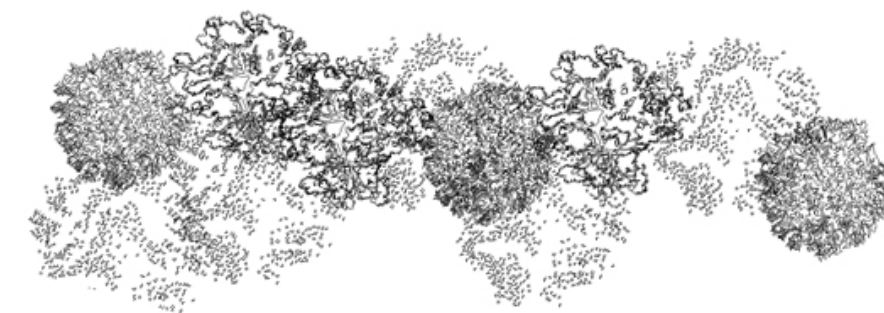
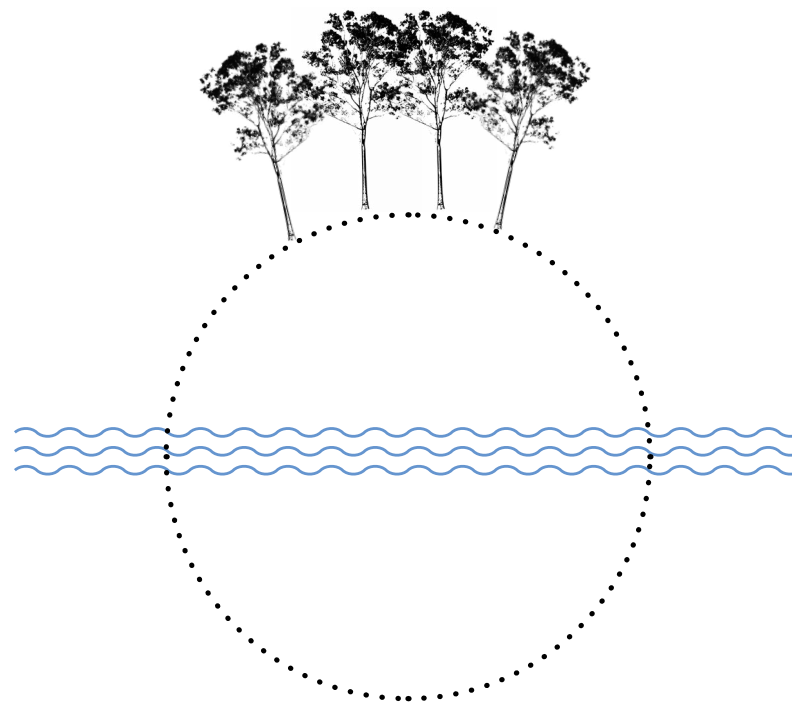
CITY



MOUNTAINS

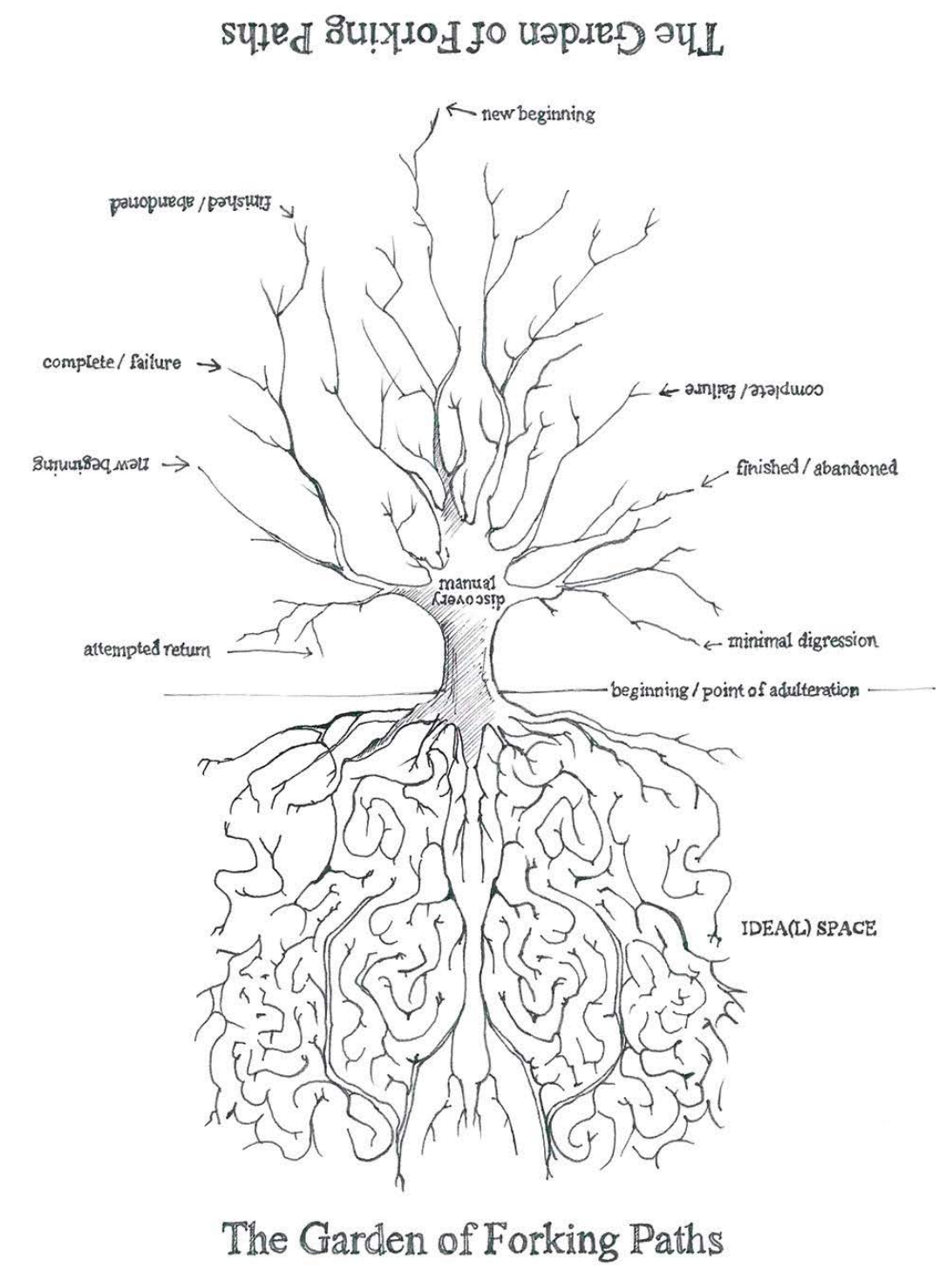
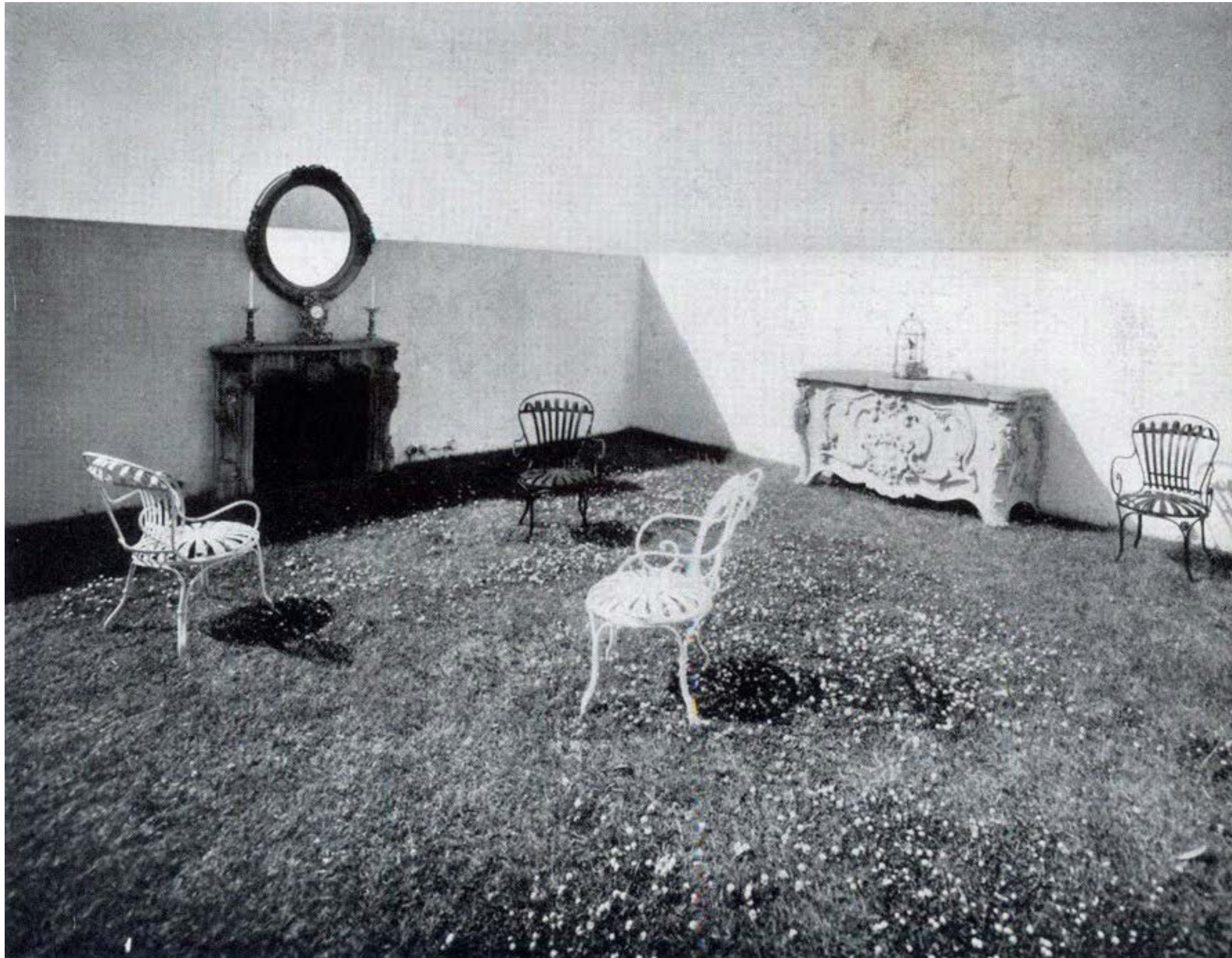


COMMUNITY

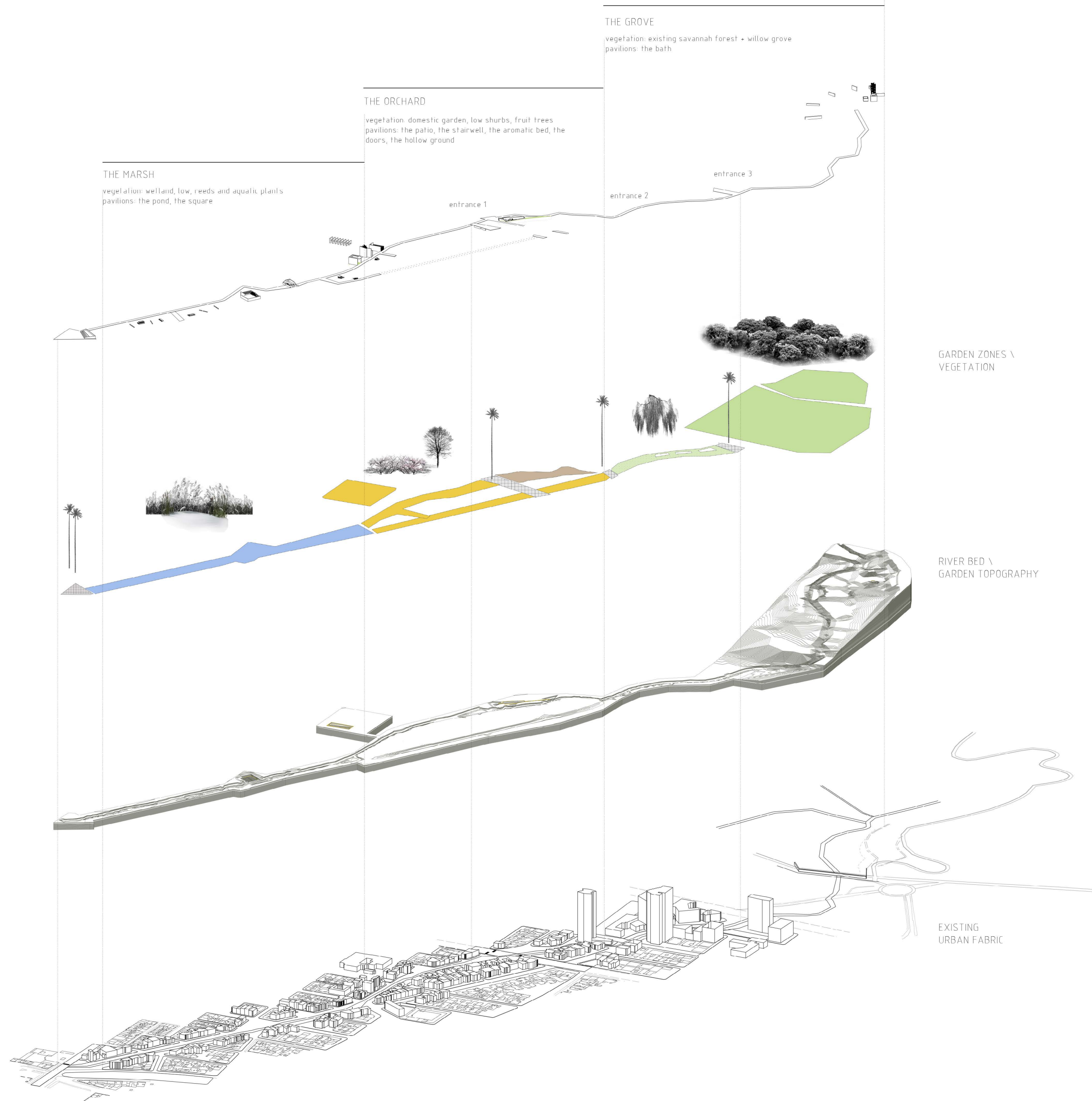


NATURE

THE GARDEN \ artificiality and time



DESIGN PROPOSAL



THE MARSH

vegetation: wetland, low, reeds and aquatic plants
pavilions: the pond, the square

THE ORCHARD

vegetation: domestic garden, low shrubs, fruit trees
pavilions: the patio, the stairwell, the aromatic bed, the doors, the hollow ground

THE GROVE

vegetation: existing savannah forest + willow grove
pavilions: the bath

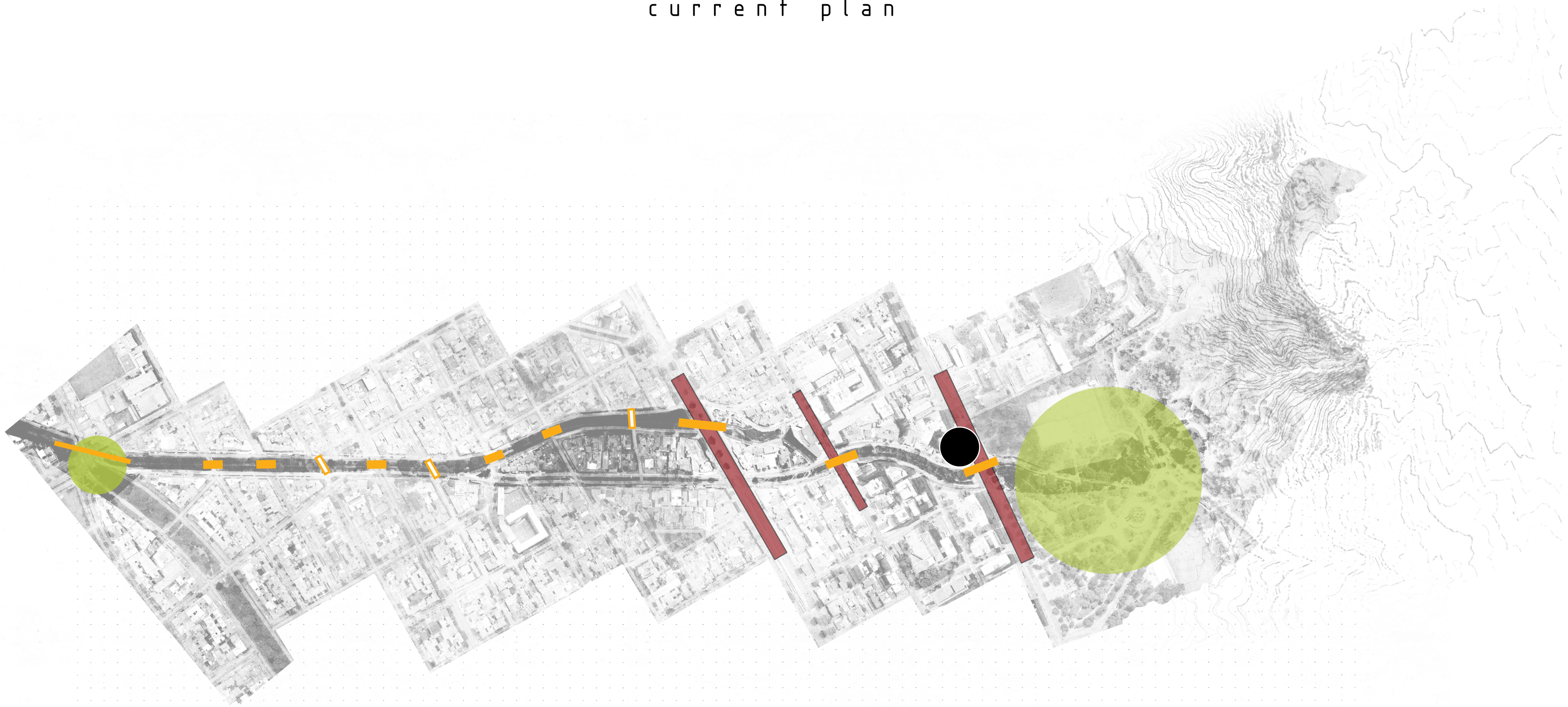
GARDEN ZONES \
VEGETATION

RIVER BED \
GARDEN TOPOGRAPHY

EXISTING
URBAN FABRIC

RE-NATURALISATION MASTERPLAN

current plan



- DISCONTINUITY OF THE GREEN ZONE / 3 MAIN TRAFFIC NODES
- POOR QUALITY OF RIVER FLOW
- BLACK WATER DISPOSAL POINT

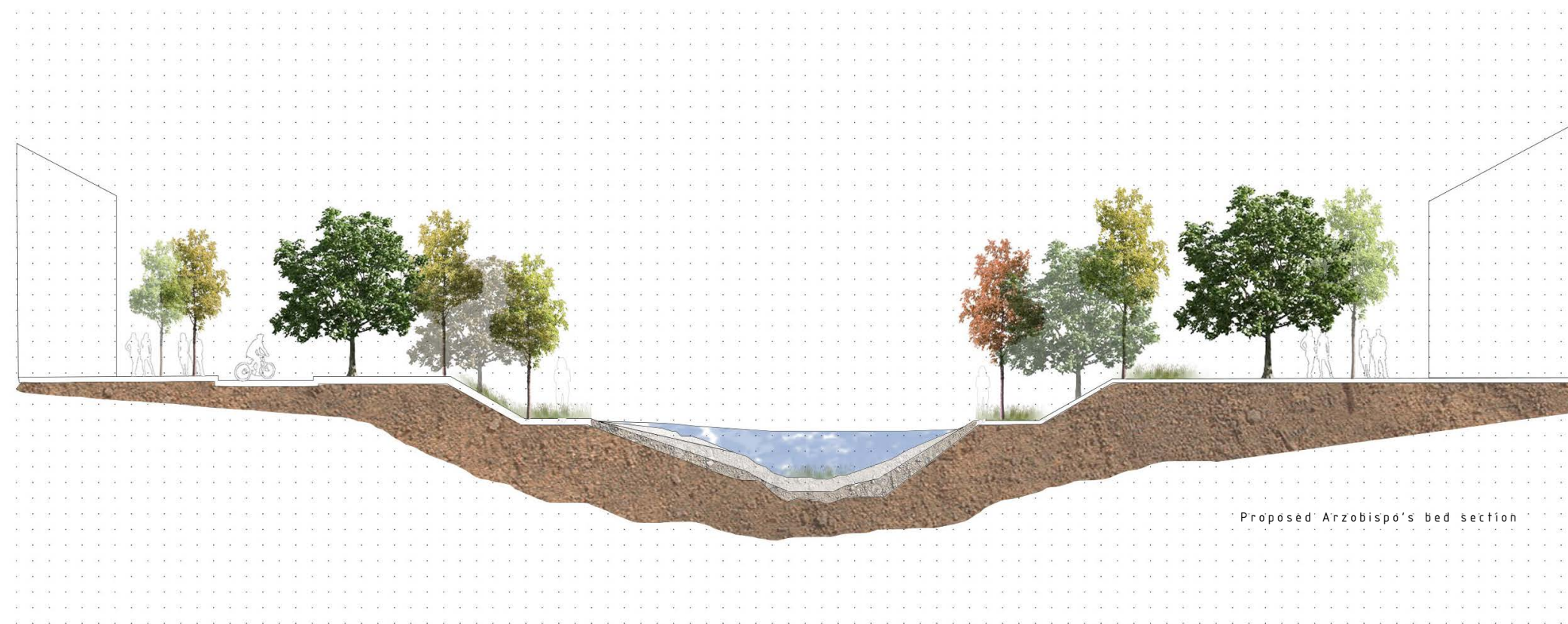
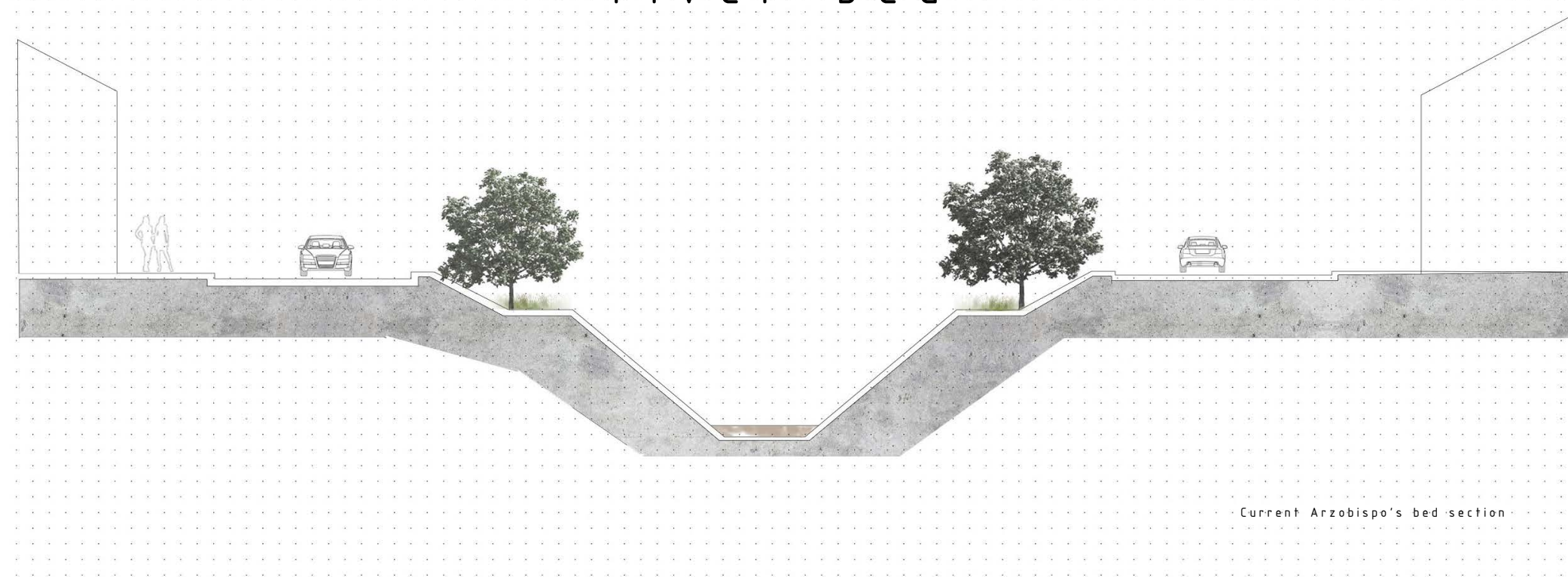
VISION
A continuous green zone



- PEDESTRIANISATION OF ROADWAYS
- RE-DRAWING OF RIVER BED
- WATER PURIFICATION

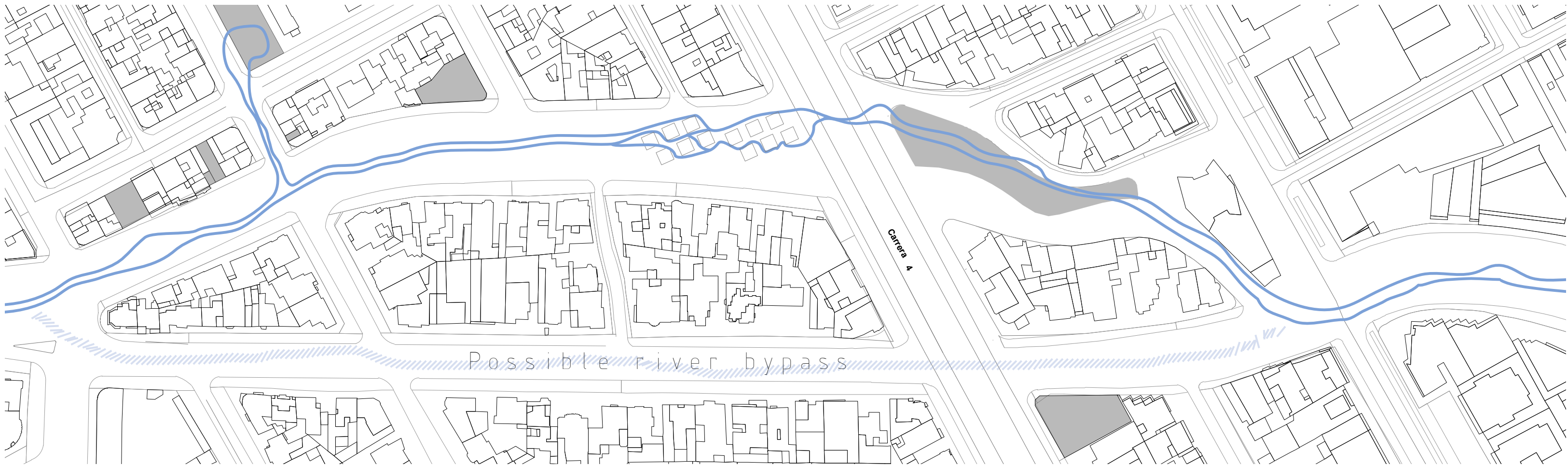
RIVERGARDEN MASTERPLAN

river bed



- wider
- less steep
- exposed soil

Self-drawing wet bed



LOZENGES



WET BED



FLOODED ZONES



initial state



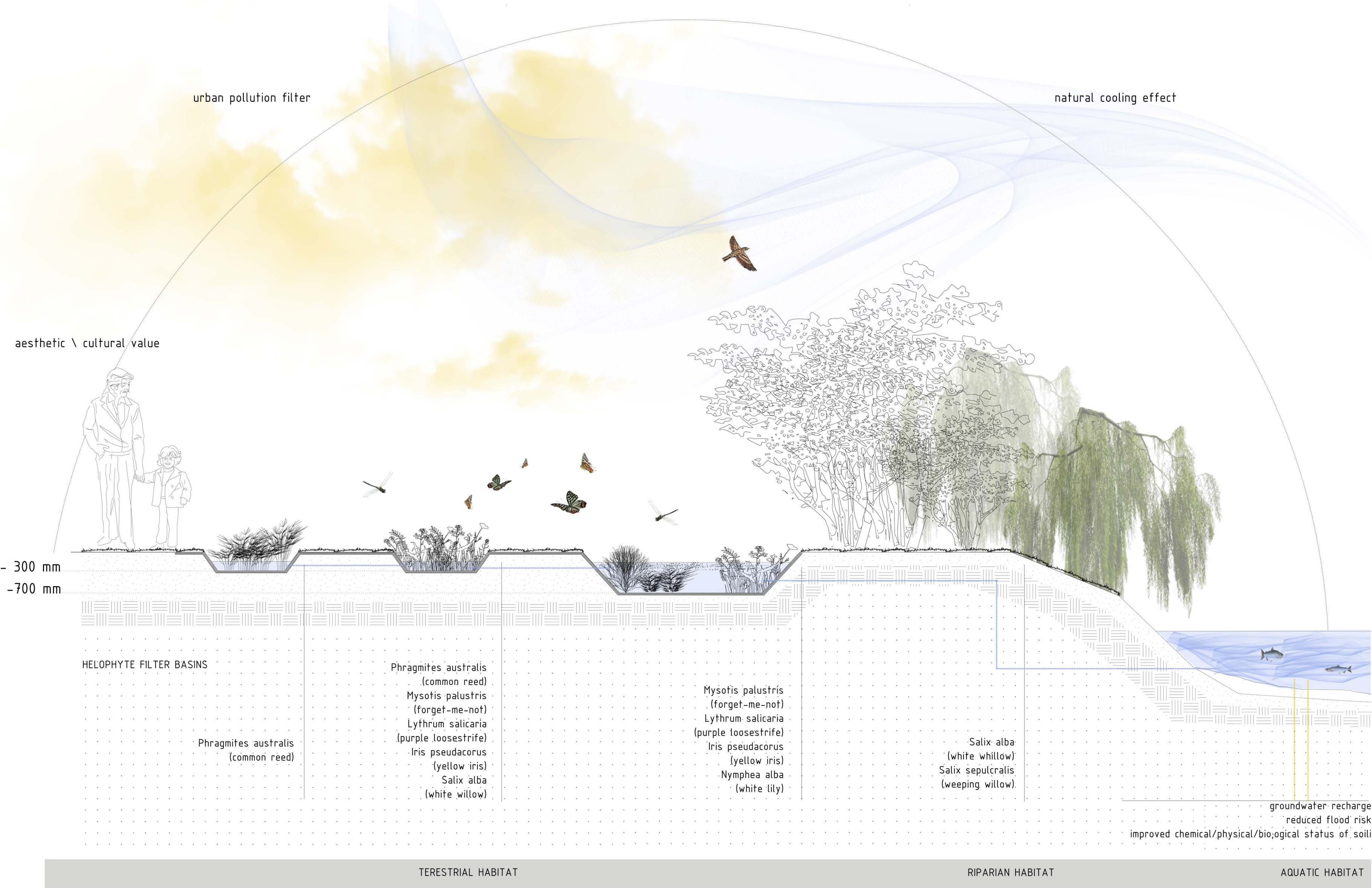
design state



self-drawn state

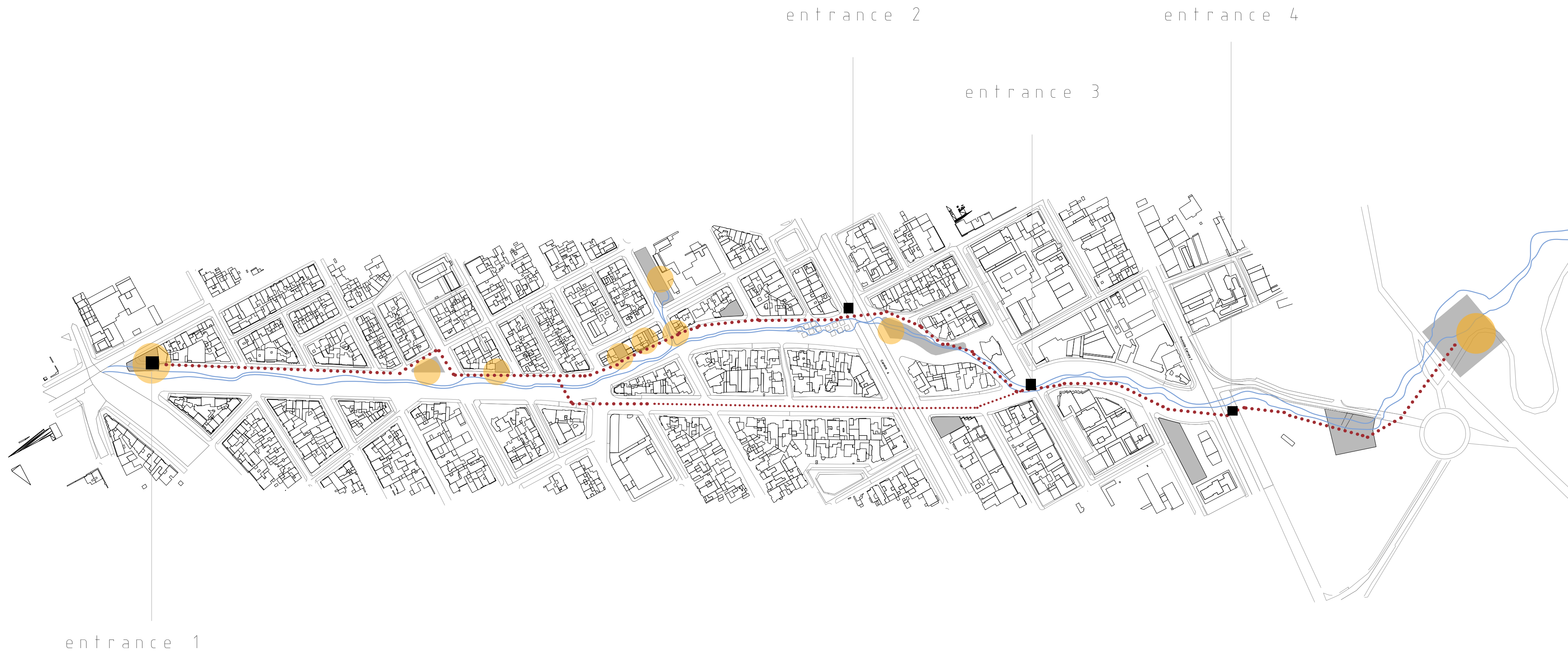
WATER TREATMENT

heloophyte filter / willow filters



RIVERGARDEN MASTERPLAN

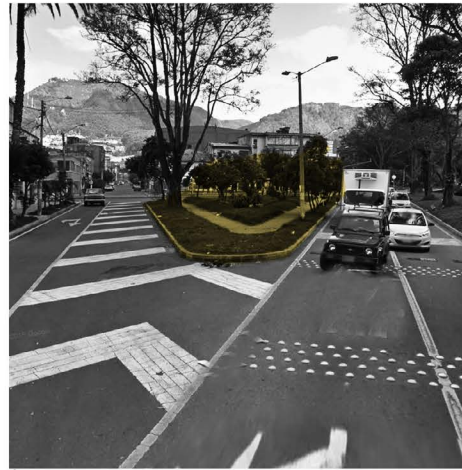
circulation



p a v i l i o n s i t e s



1



2



3



4



5



6



7



8



9

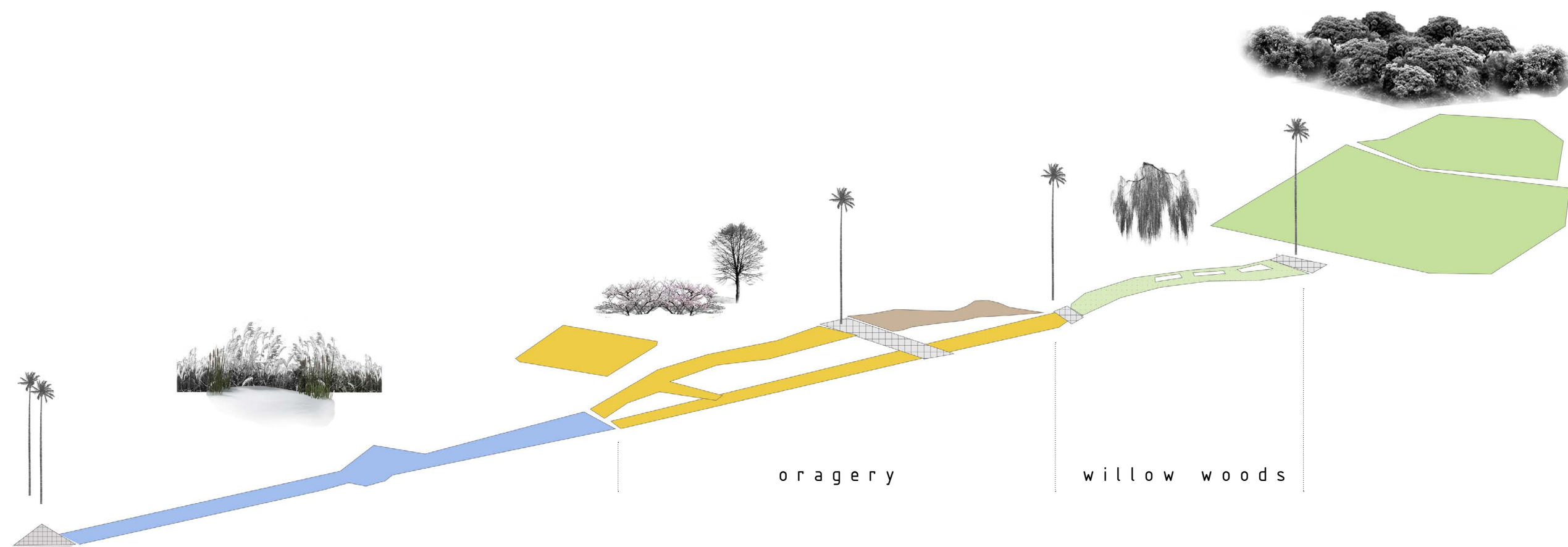
RIVERGARDEN plan



THE MARSH

THE ORCHARD

THE GROVE

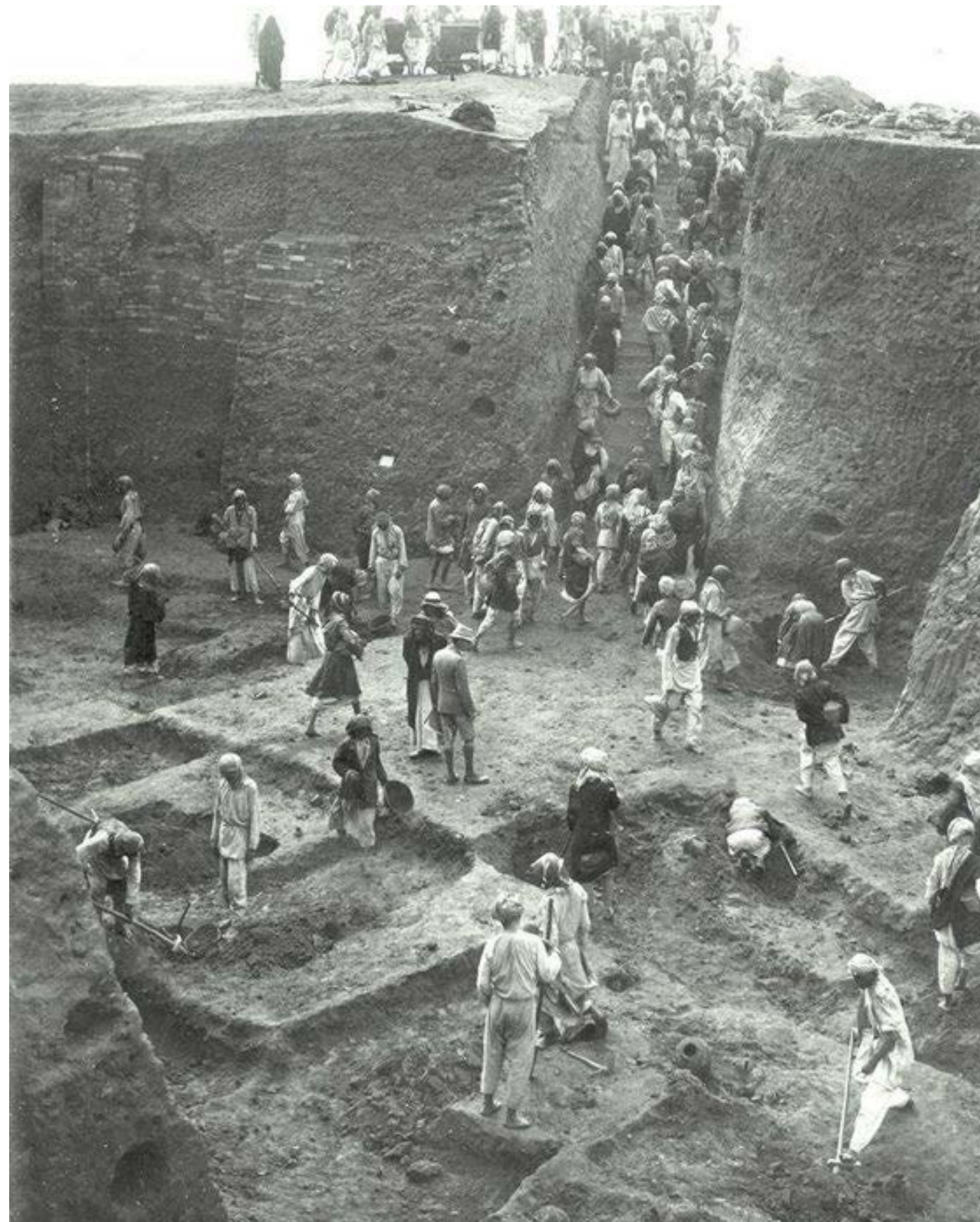


oragery

willow woods

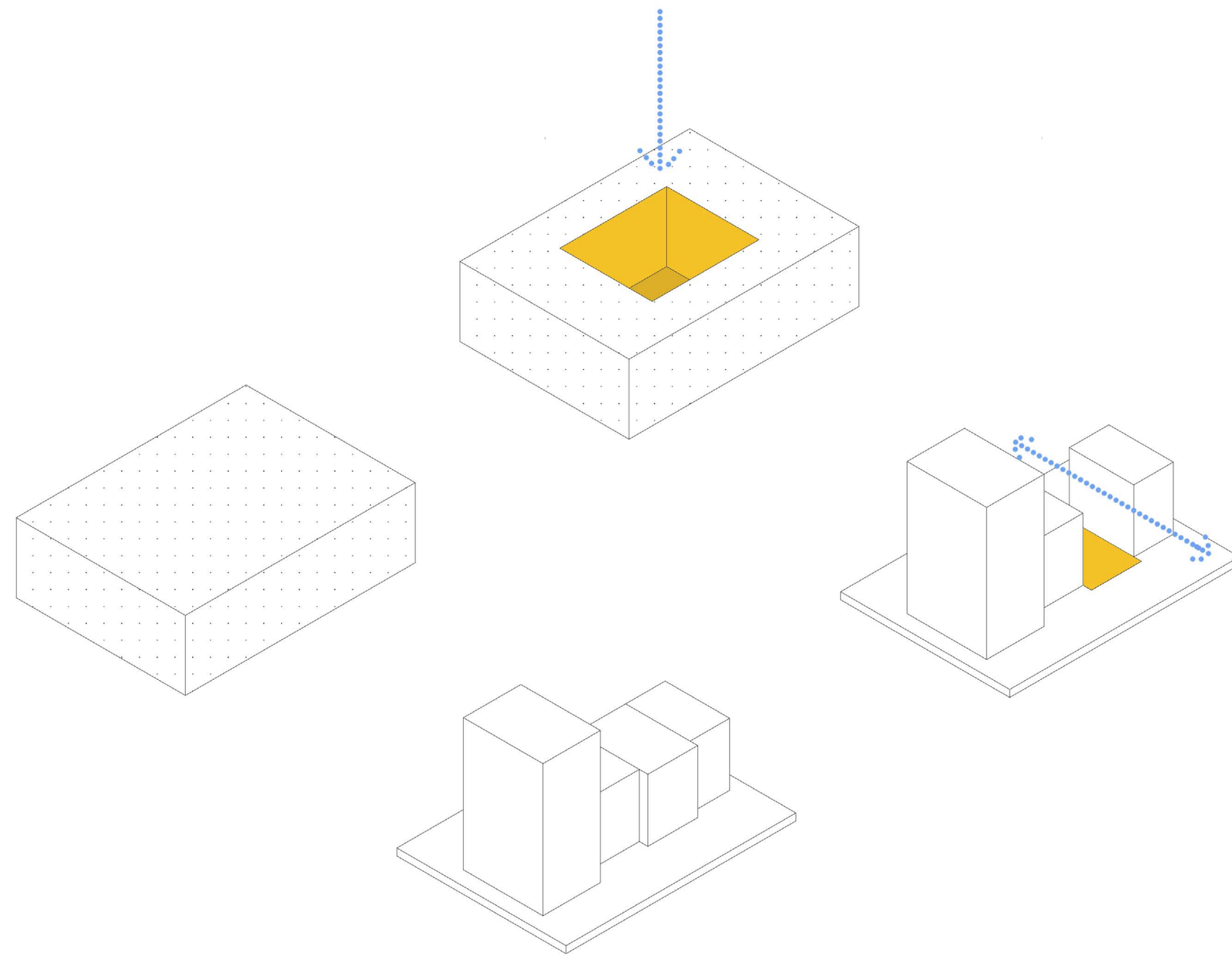
T H E N E I G H B O U R H O O D R O O M S

UNEARTH

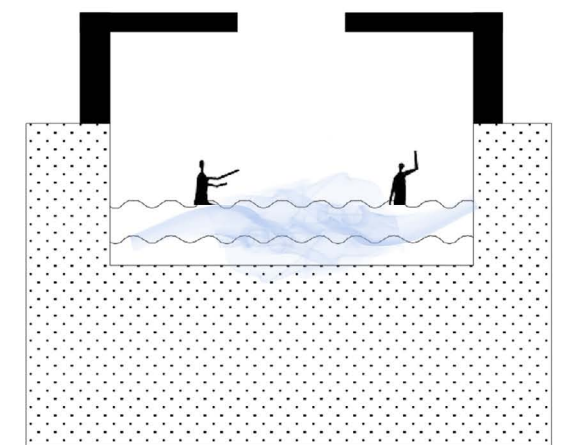
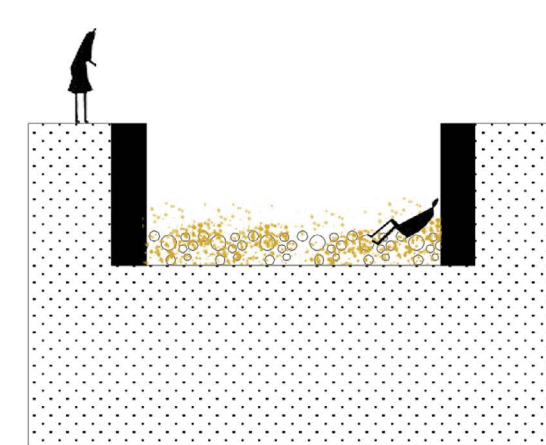
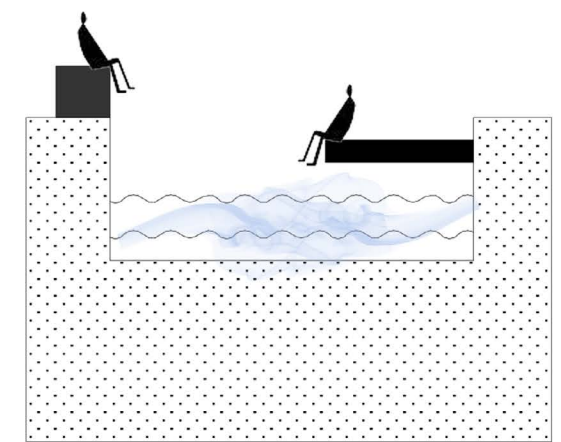
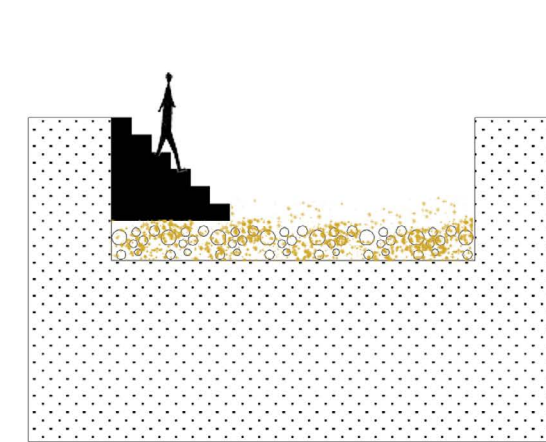
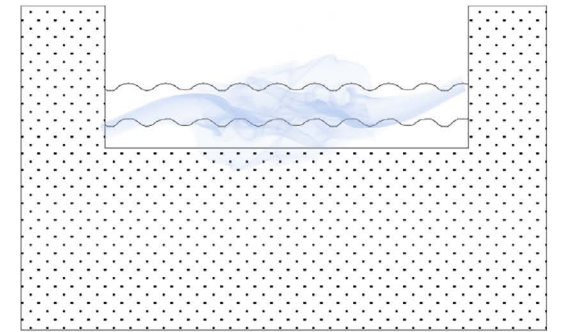
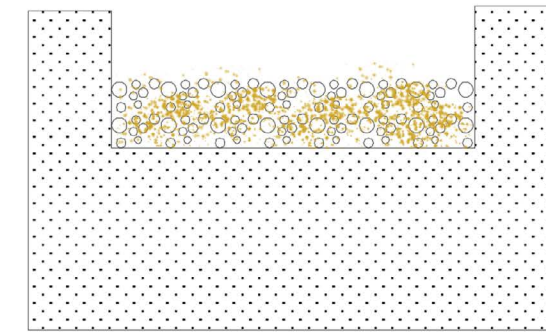


excavate \ discover \ expose \ uncover \ reveal \ find \ exhibit

excavating the ground



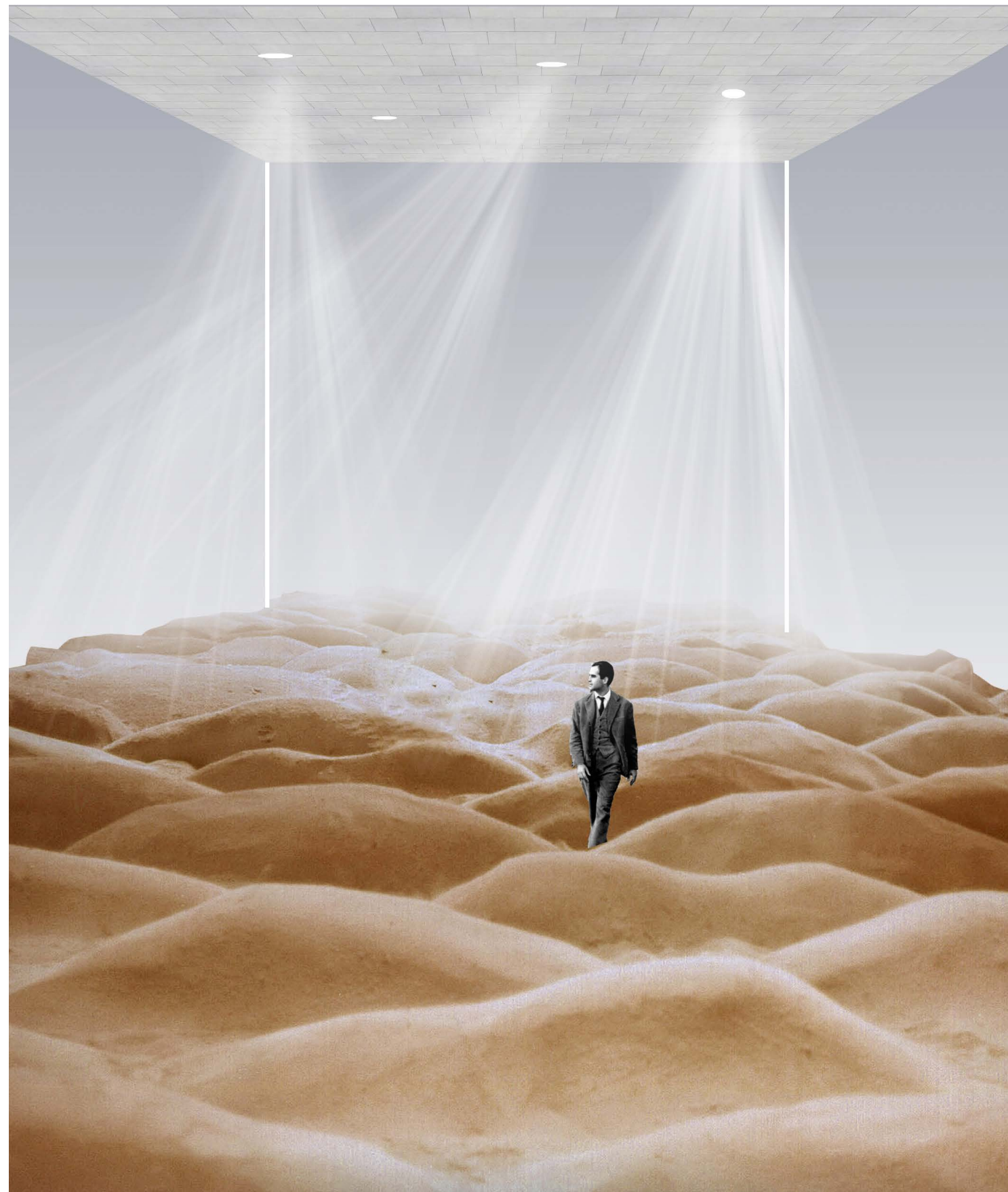
opening the urban block



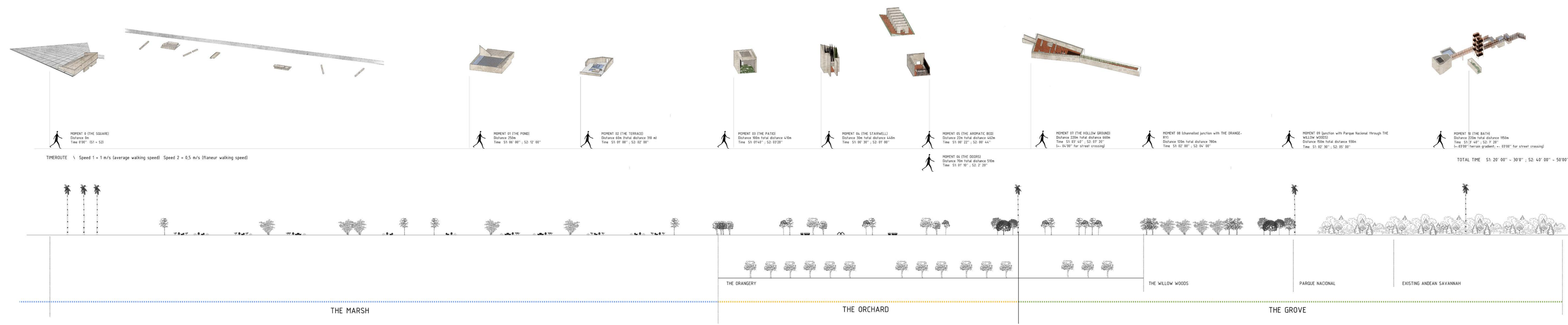
soil

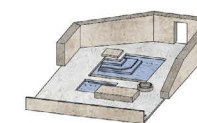
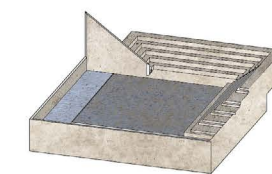
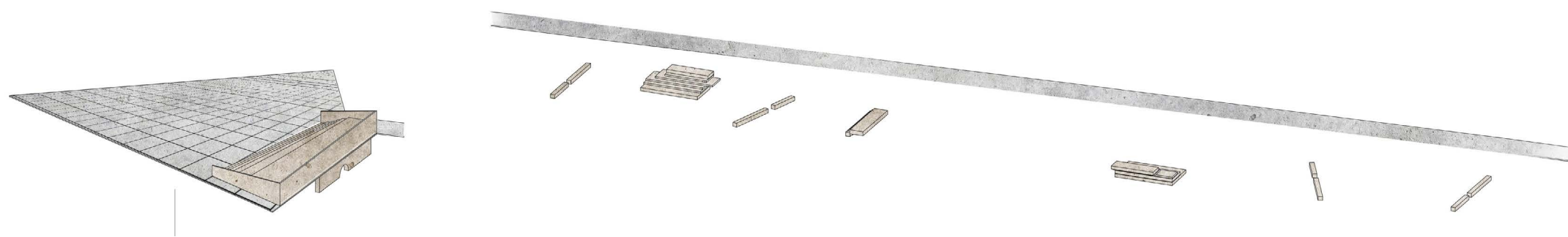
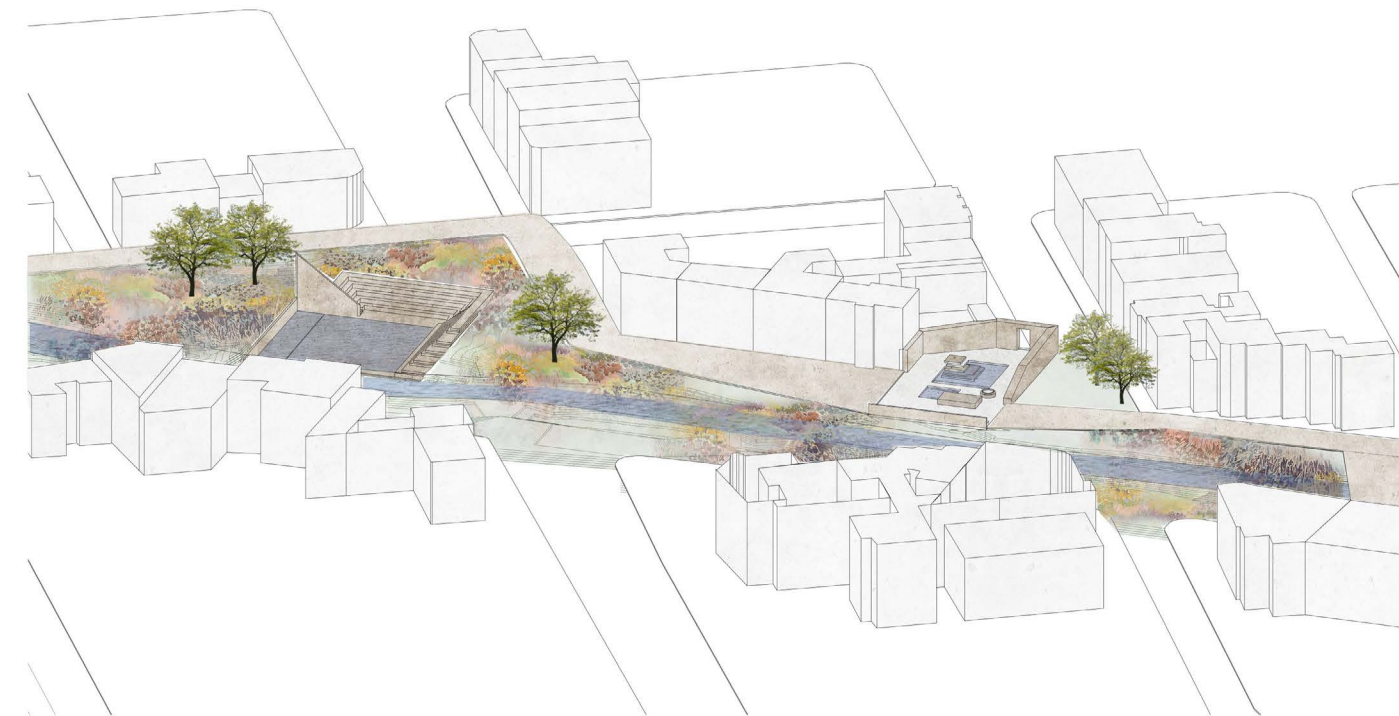
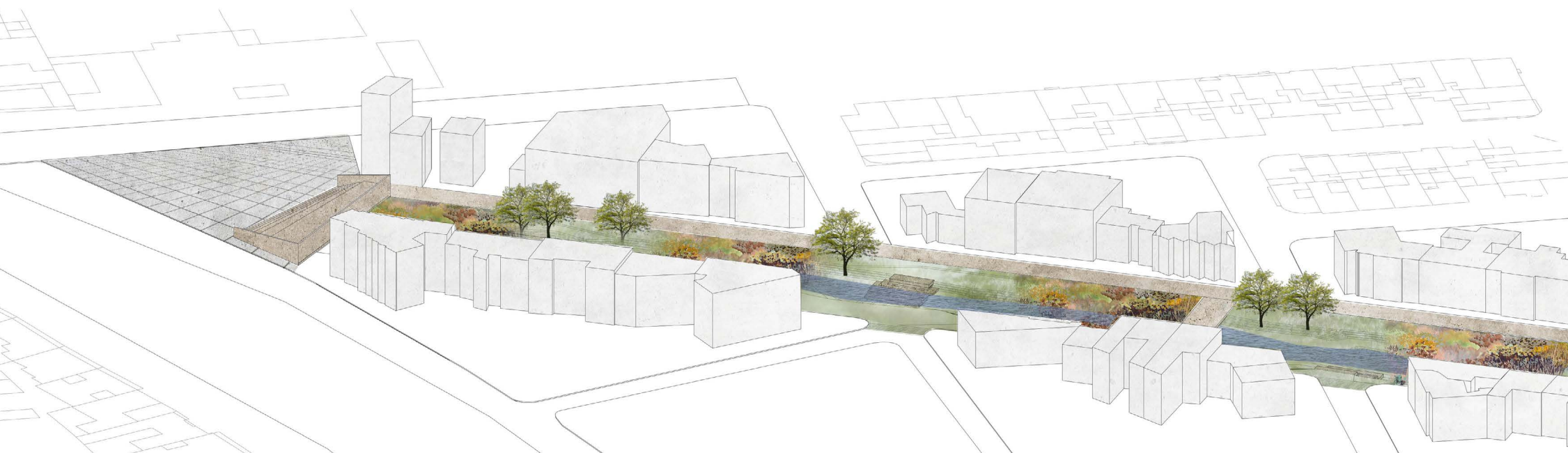
water

THE MAGIC OF THE REAL

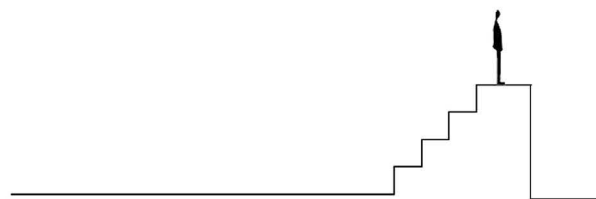
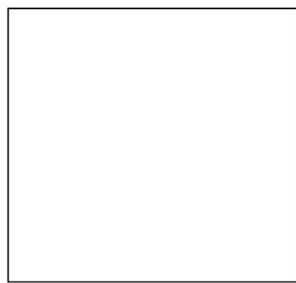
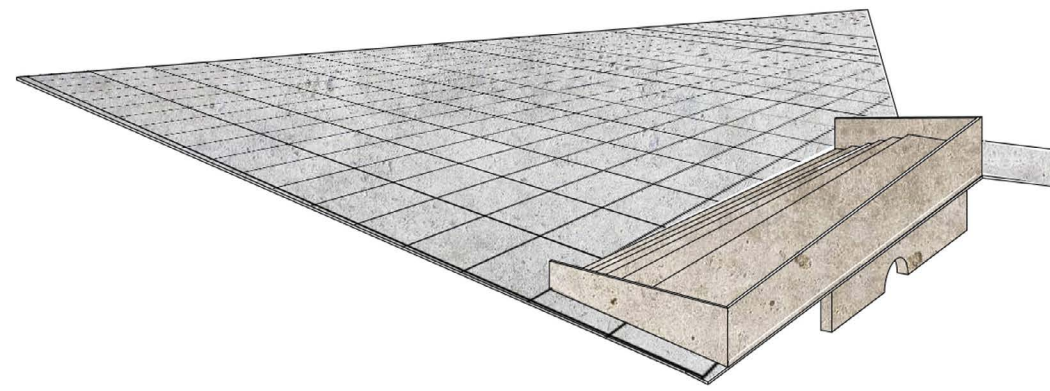


secrecy \ unexpectedness \ discovery

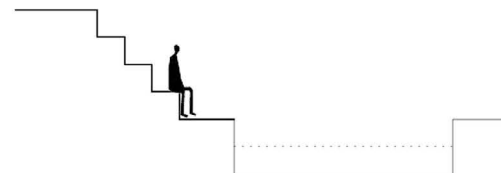
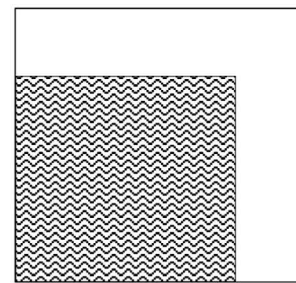
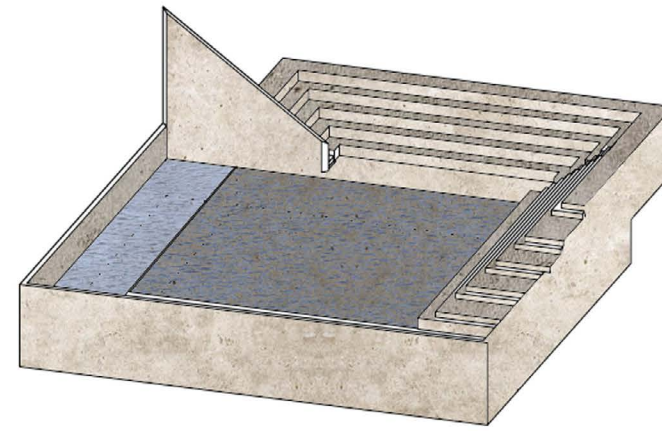




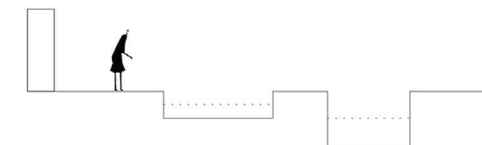
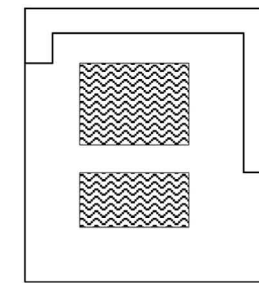
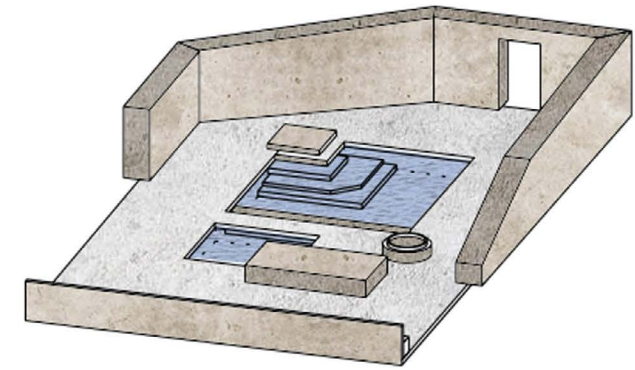
the entrance square

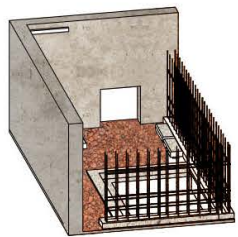
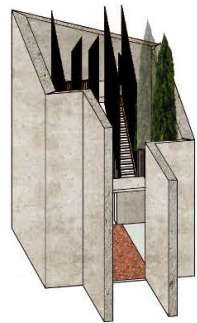
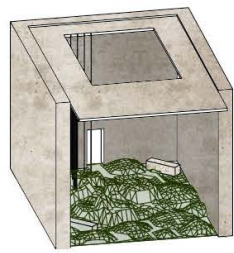
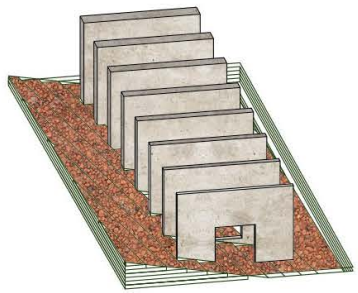


the pond

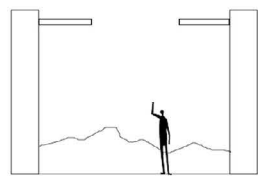
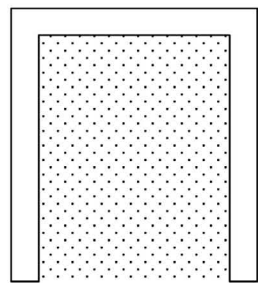
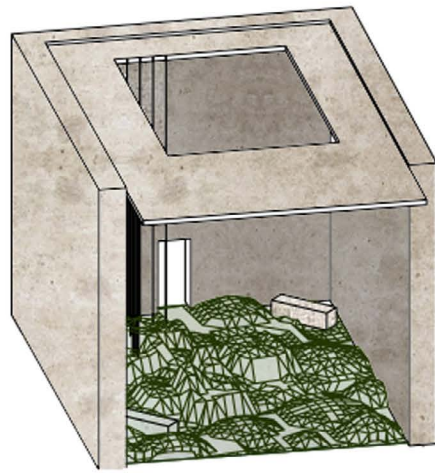


the terrace

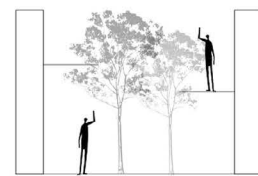
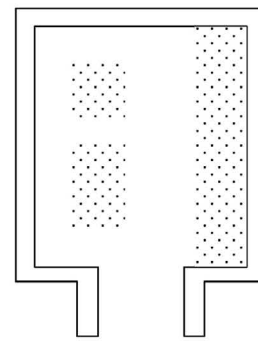
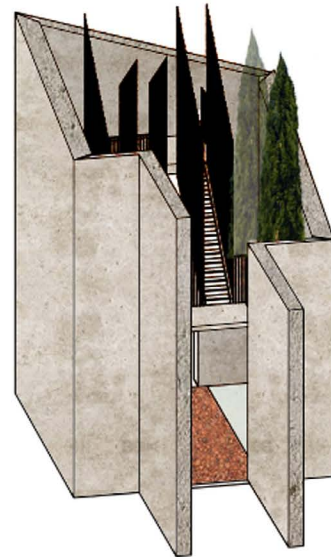




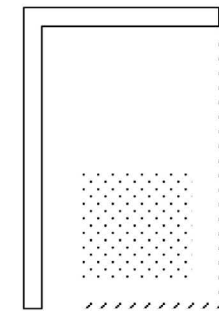
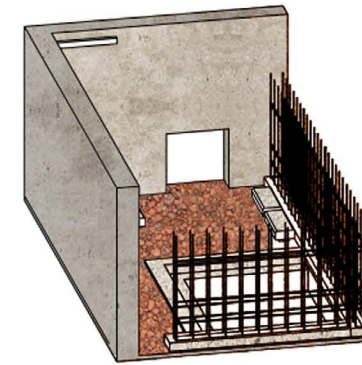
the patio



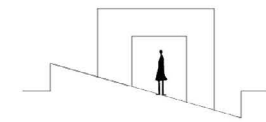
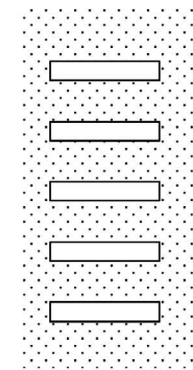
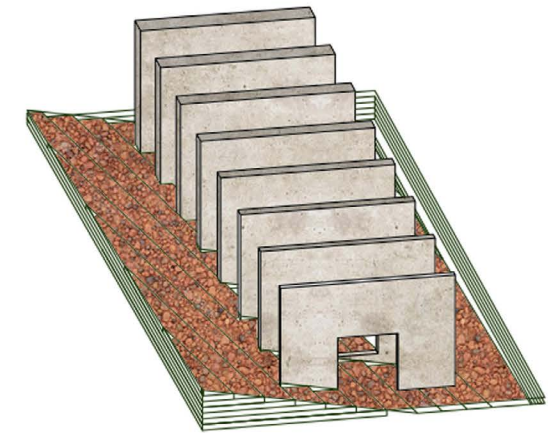
the stairwell

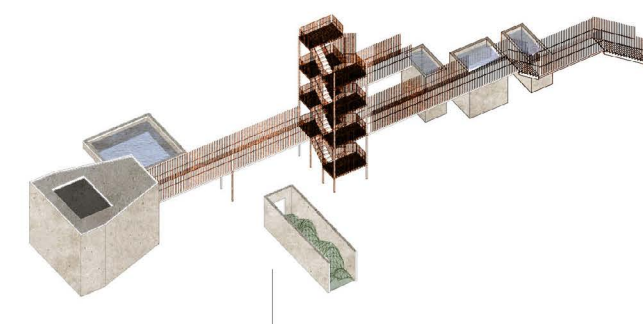
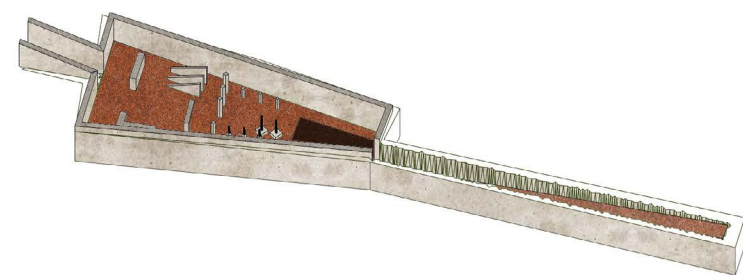
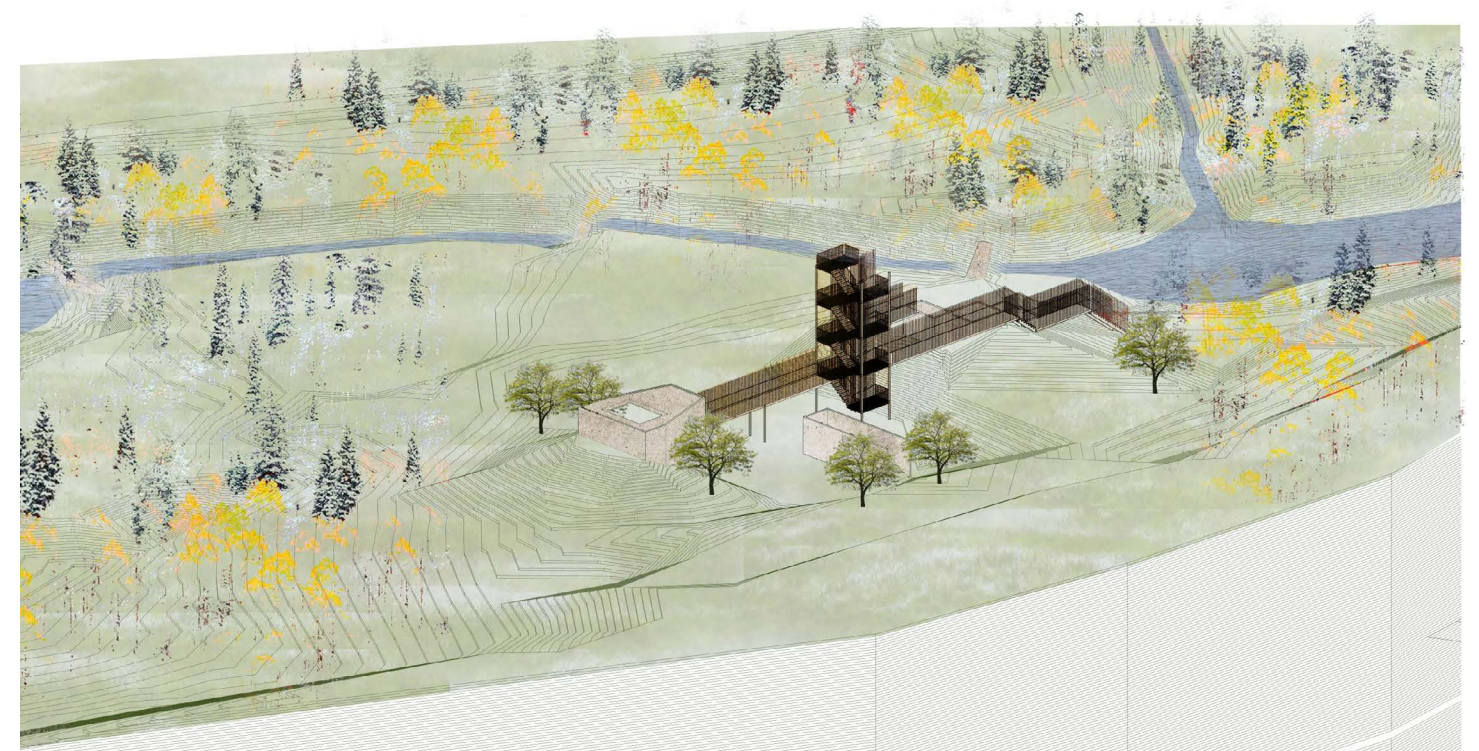


the aromatic bed

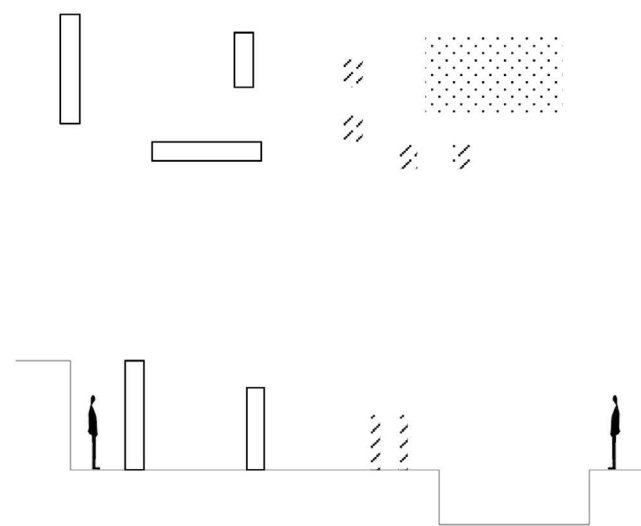
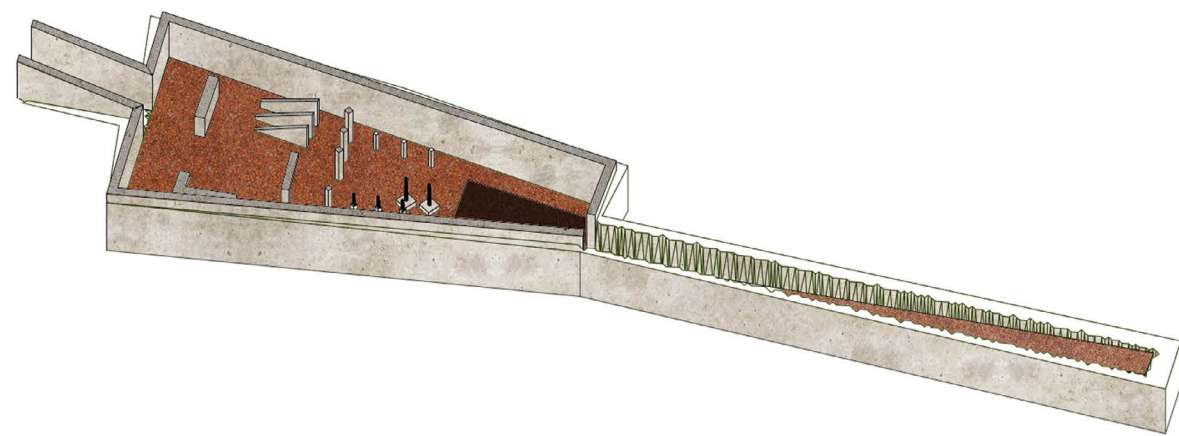


the doors

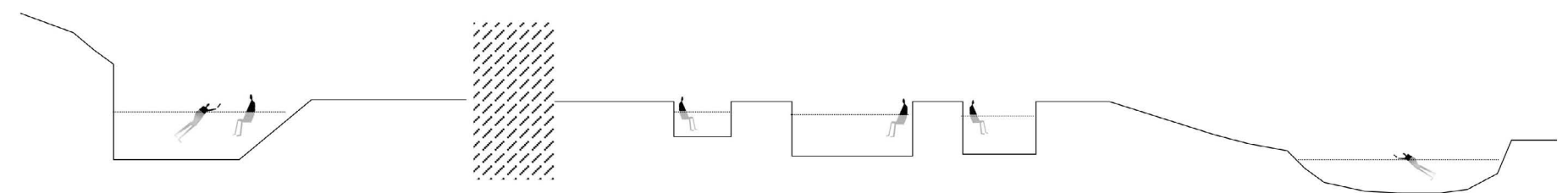
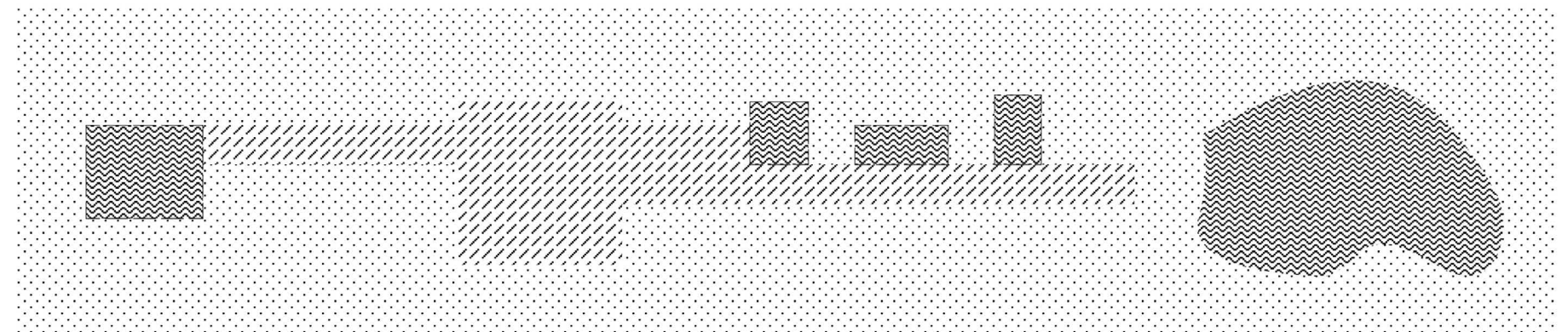
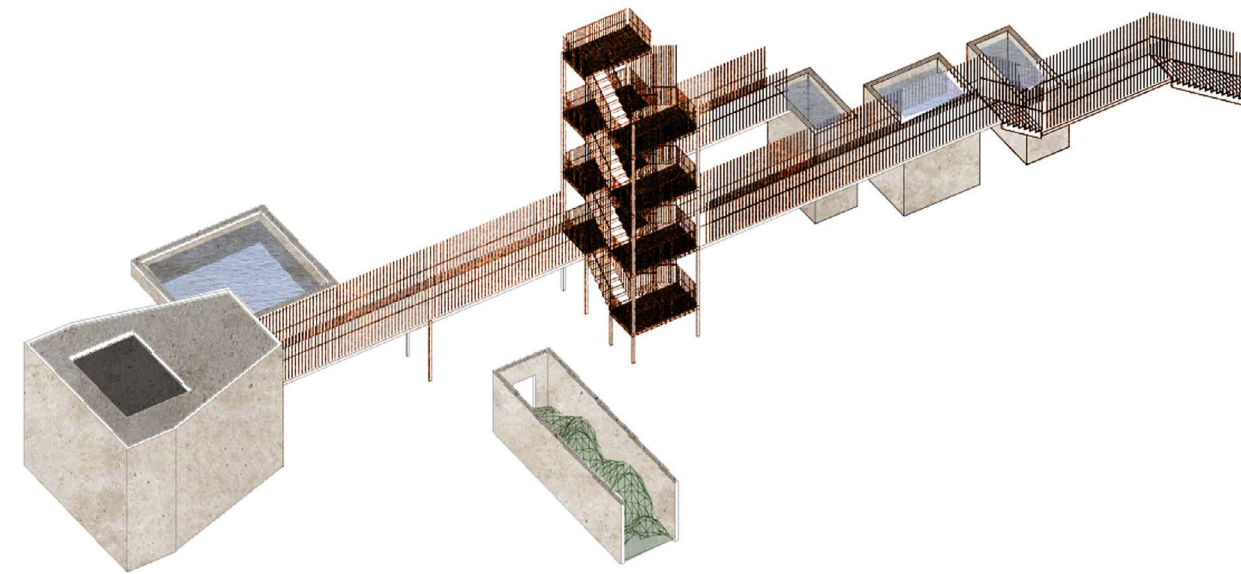




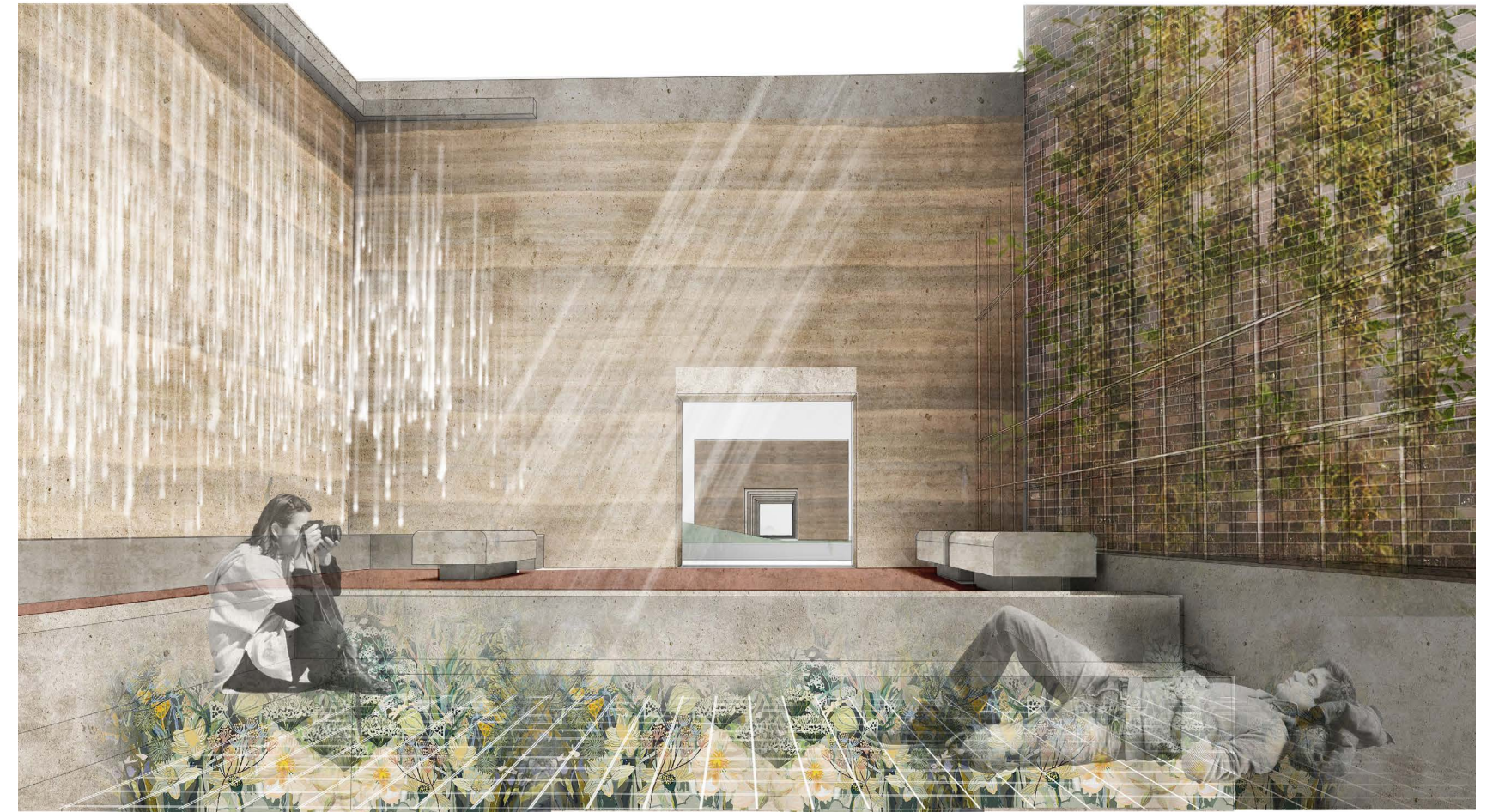
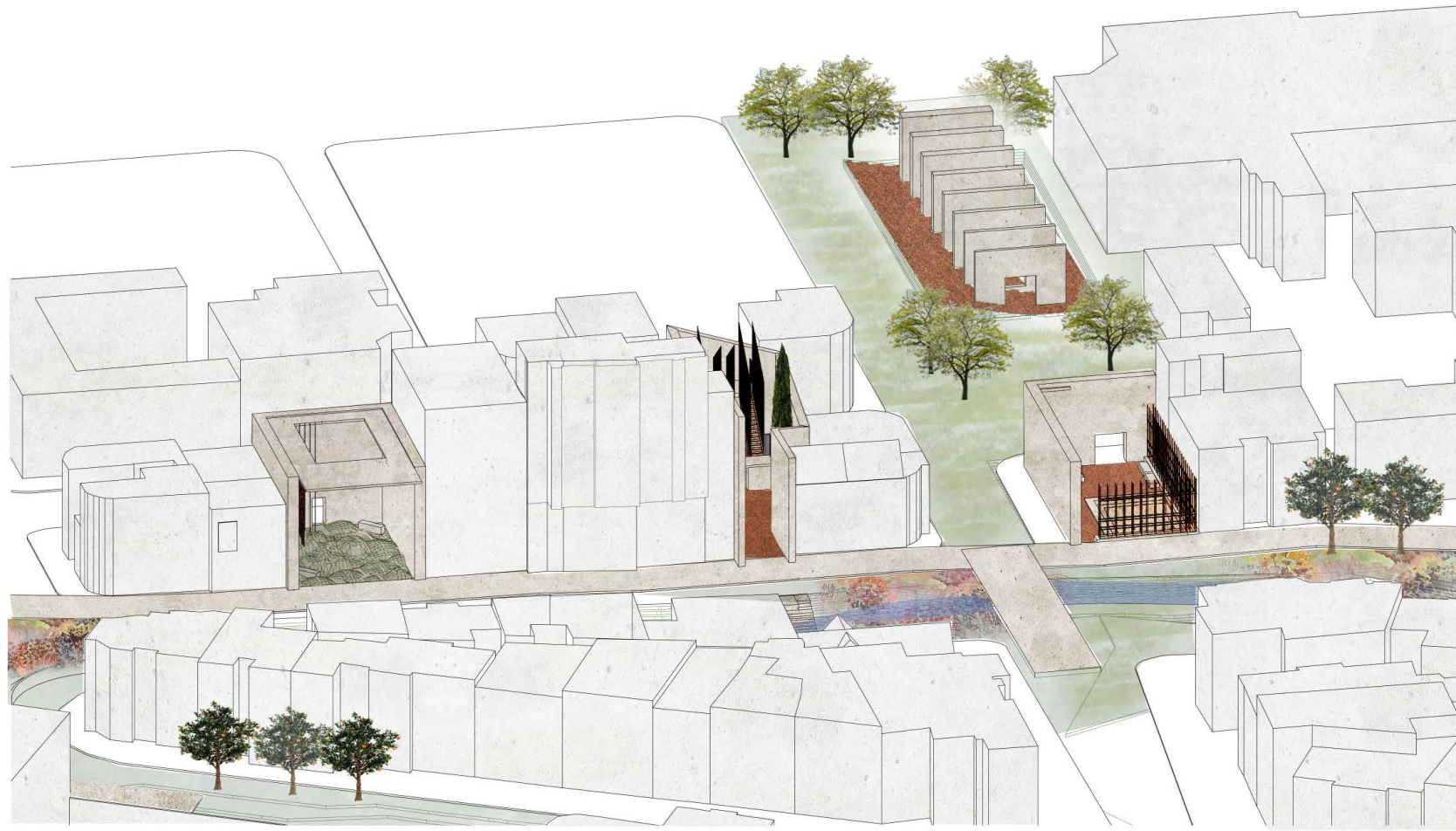
the hollow ground

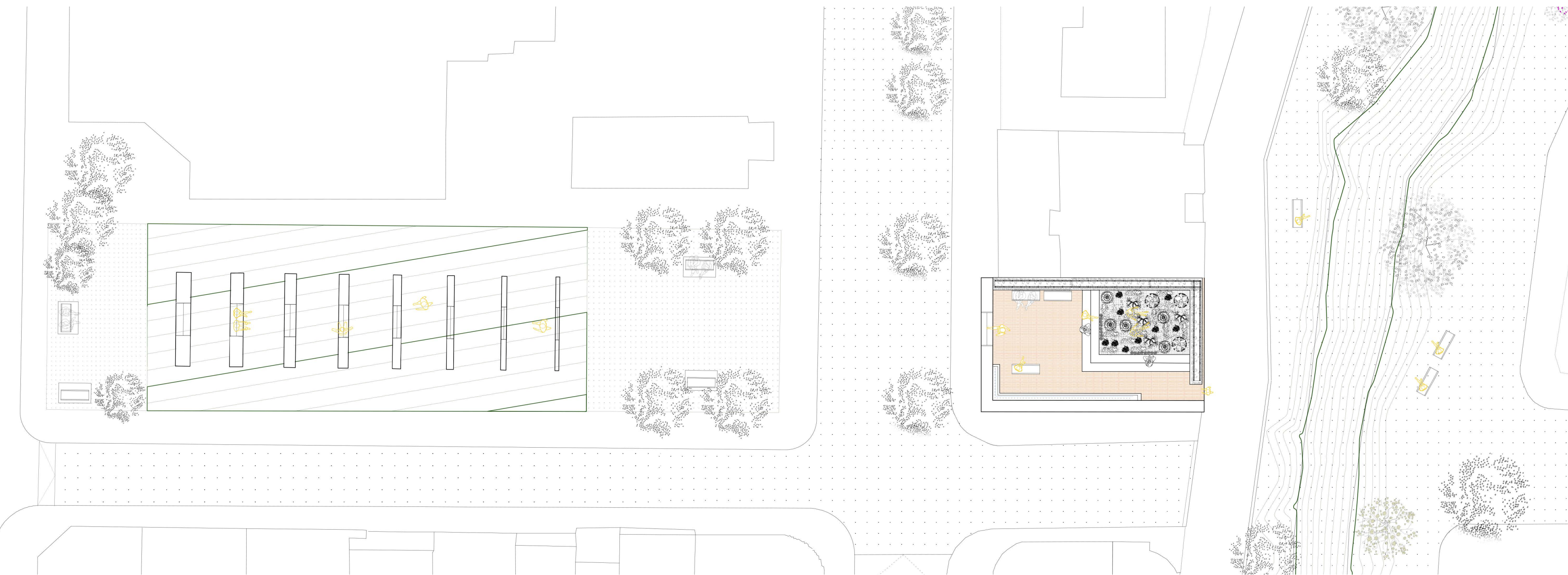


the bath



THE AROMATIC BED \ THE DOORS

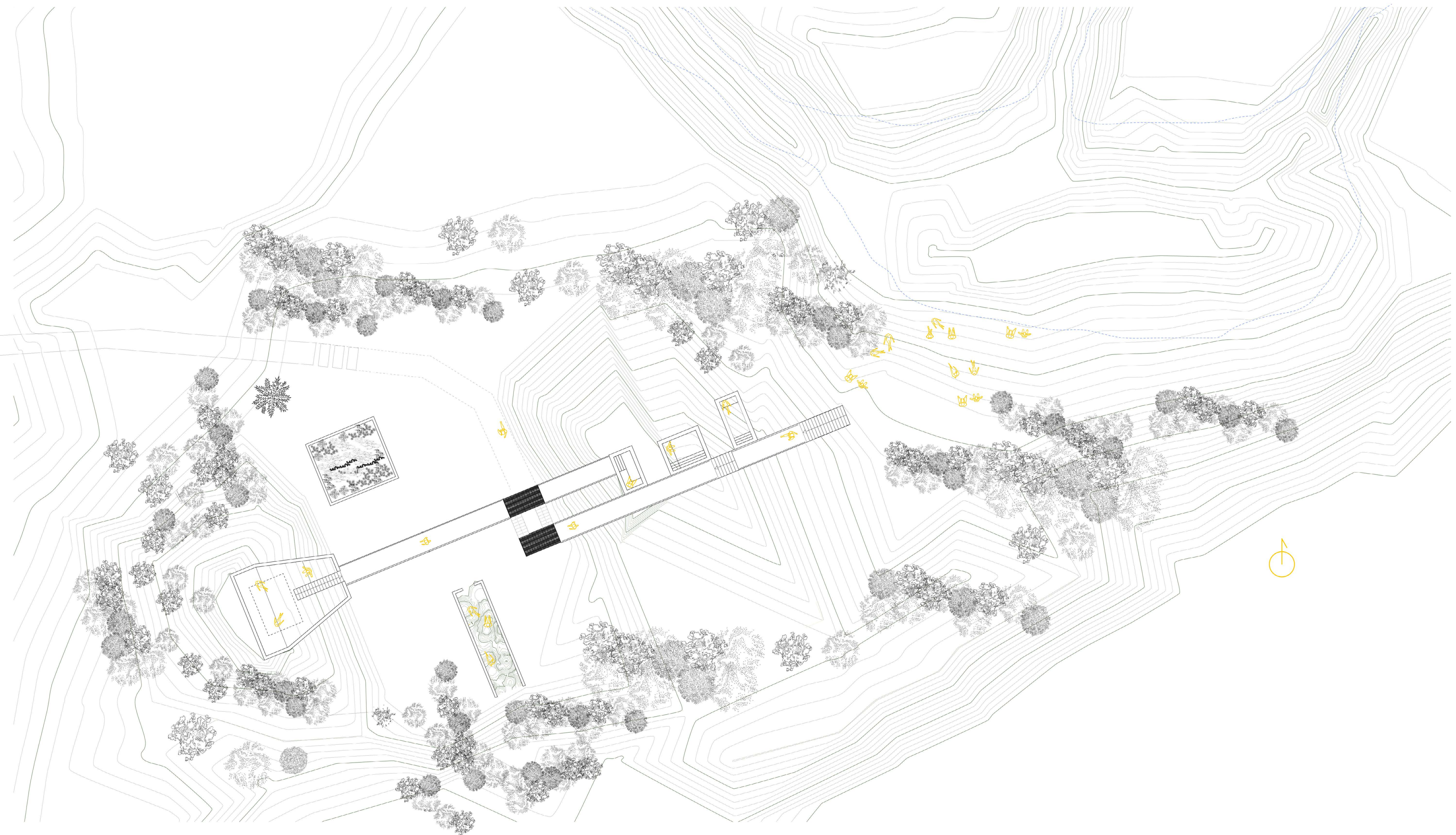


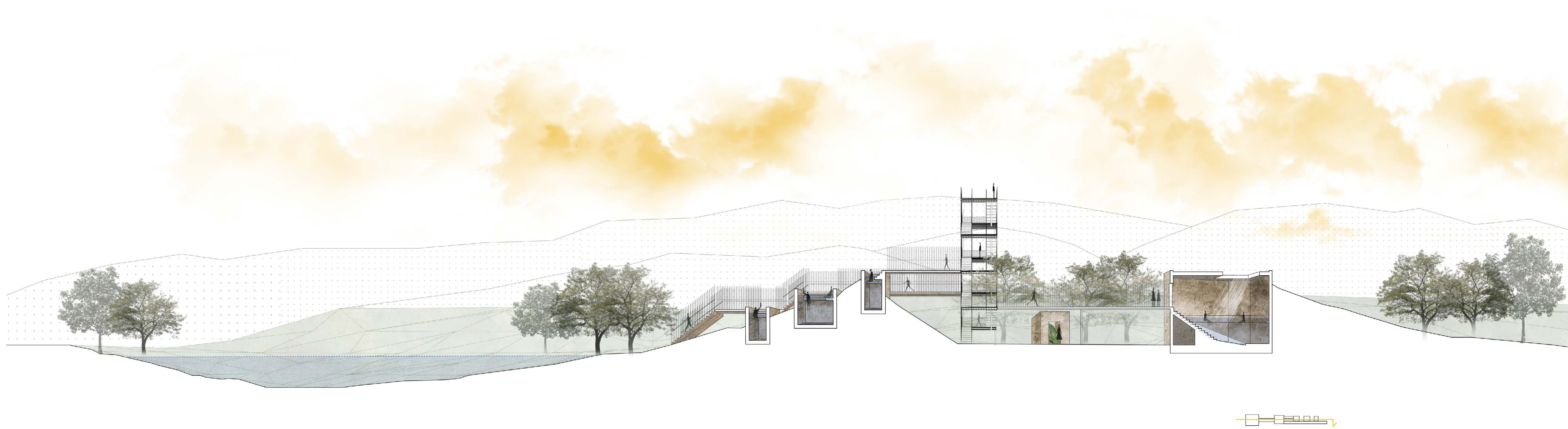


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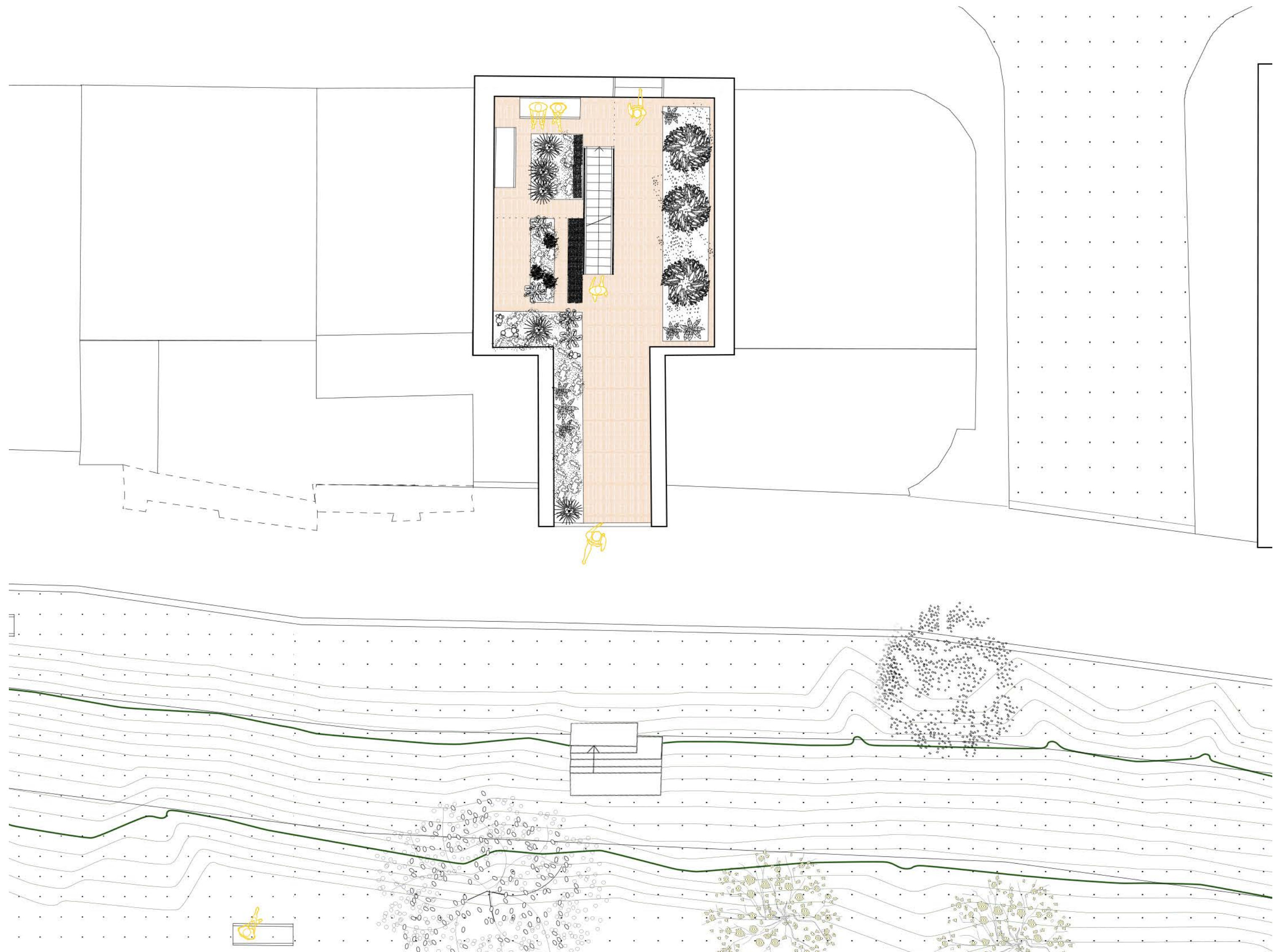
THE BATH

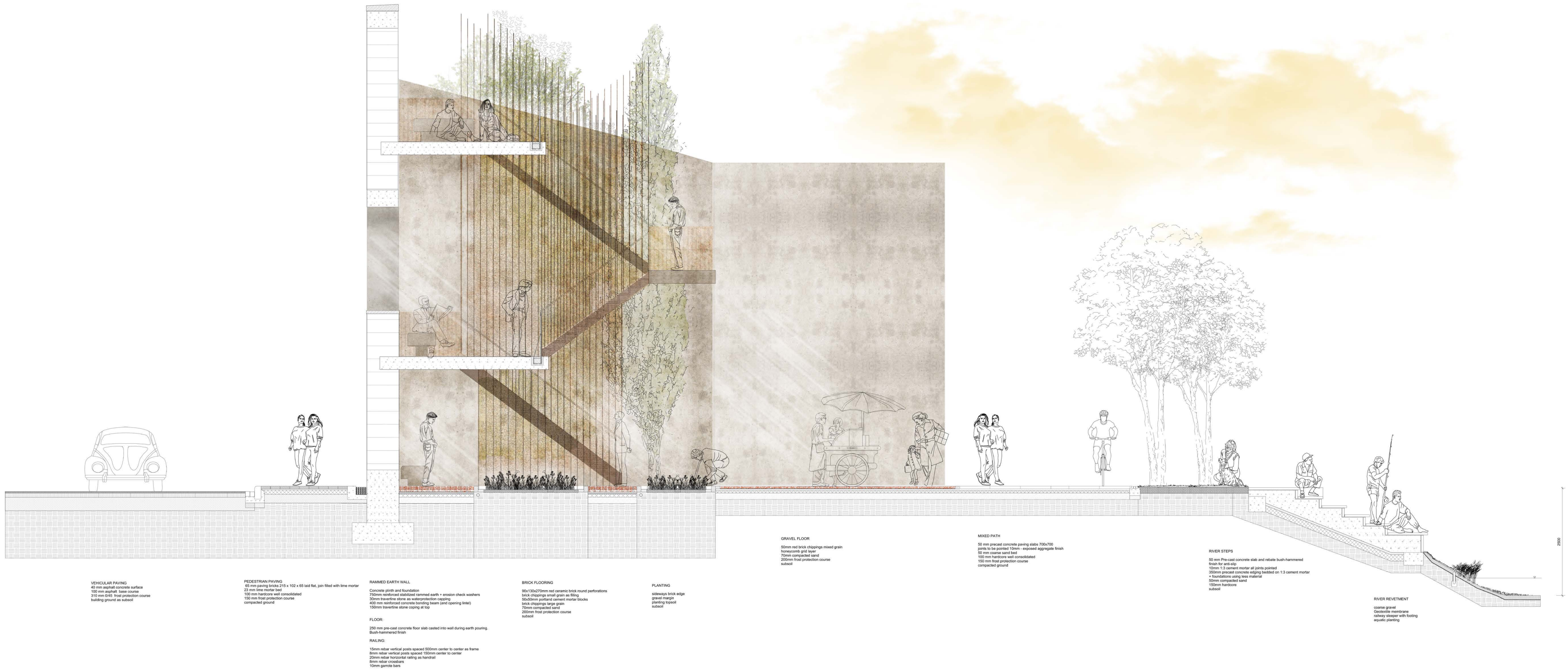






THE STAIRWELL





VEHICULAR PAVING
40 mm asphalt concrete surface
100 mm asphalt base course
210 mm lime frost protection course
building ground as subsoil

PEDESTRIAN PAVING
65 mm paving bricks 210 x 100 x 65 laid flat, joint filled with lime mortar
23 mm lime mortar bed
100 mm hardcore well consolidated
150 mm frost protection course
compacted ground

RAMMED EARTH WALL
Concrete plinth and foundation
750mm reinforced rammed earth + embed check washers
100 mm hardcore well consolidated
30mm travertine stone as waterprotection capping
400 mm reinforced concrete footing (over and opening later)
100mm travertine stone capping at top

FLOOR:
200 mm pre-cast concrete floor slab casted into wall during earth pouring
brush-hammered finish

RAILING:
15mm rebar vertical posts spaced 500mm center to center as frame
8mm rebar vertical posts spaced 100mm center to center
20mm rebar horizontal railing as handrail
8mm rebar crossbars
10mm galvne bars

BRICK FLOORING
Concrete plinth and foundation
90x130x270mm red ceramic brick round perforations
brick chipping small grain as filling
50x50mm Portland cement mortar blocks
brick chipping large grain
70mm compacted sand
200mm frost protection course
subsoil

PLANTING
sideways brick edge
gravel margin
planting bed
subsoil

GRAVEL FLOOR
60mm red brick chippings mixed grain
honeycomb grid layer
70mm compacted sand
200mm frost protection course
subsoil

MIXED PATH
50 mm precast concrete paving slabs 700x700
joints to be pointed 10mm - exposed aggregate finish
50 mm mortar sand bed
100 mm hardcore well consolidated
150 mm frost protection course
compacted ground

RIVER STEPS
50 mm precast concrete slab and rebate bush-hammered
finish for anti-slip
10mm 1:3 cement mortar at joints pointed
30mm precast concrete coping bedded on 1:3 cement mortar
+ horizontal using this material
50mm compacted sand
100mm hardcore
subsoil

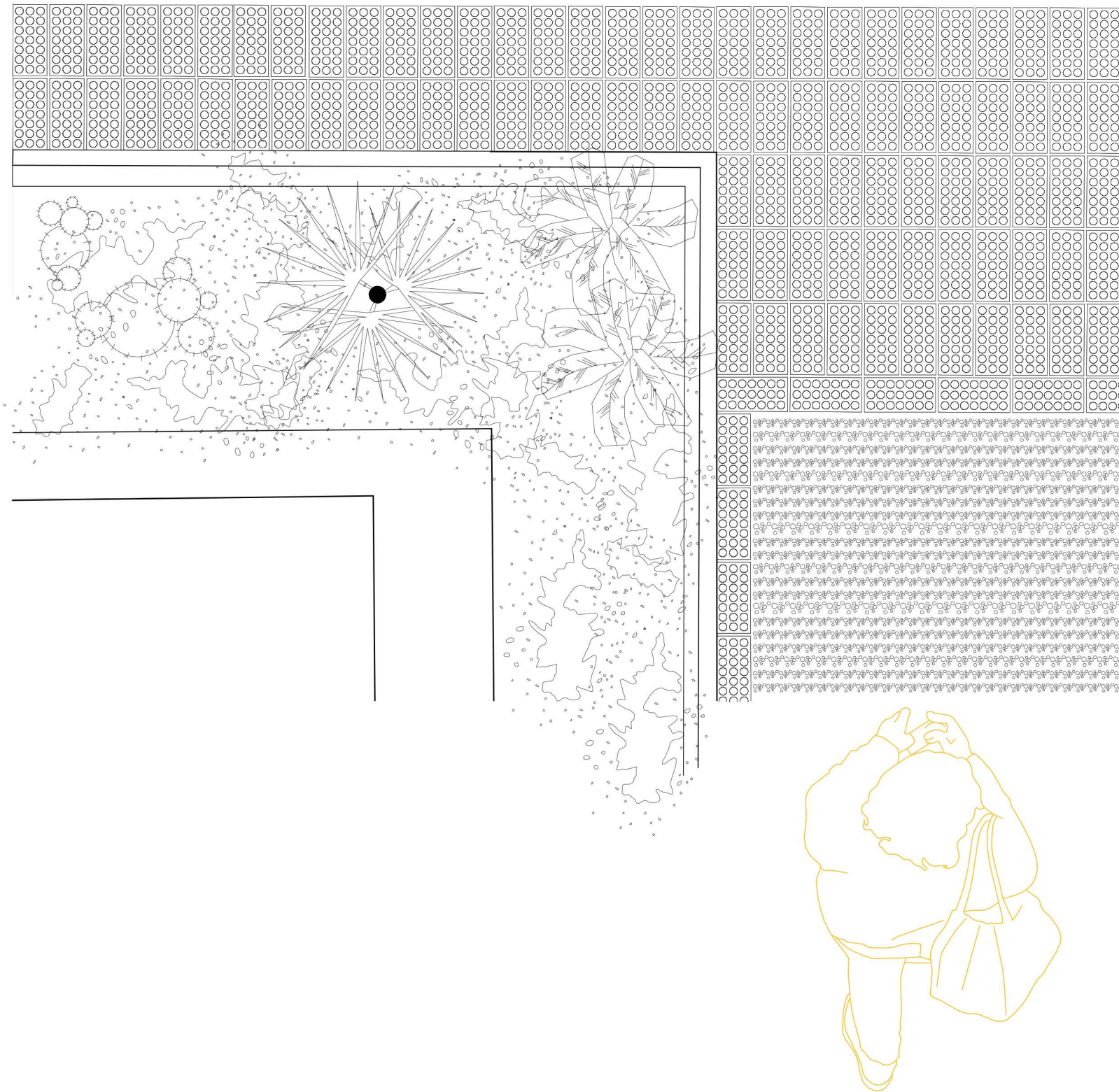
RIVER REVELMENT
coarse gravel
Geotextile membrane
railway sleeper with footing
acoustic cladding

2500

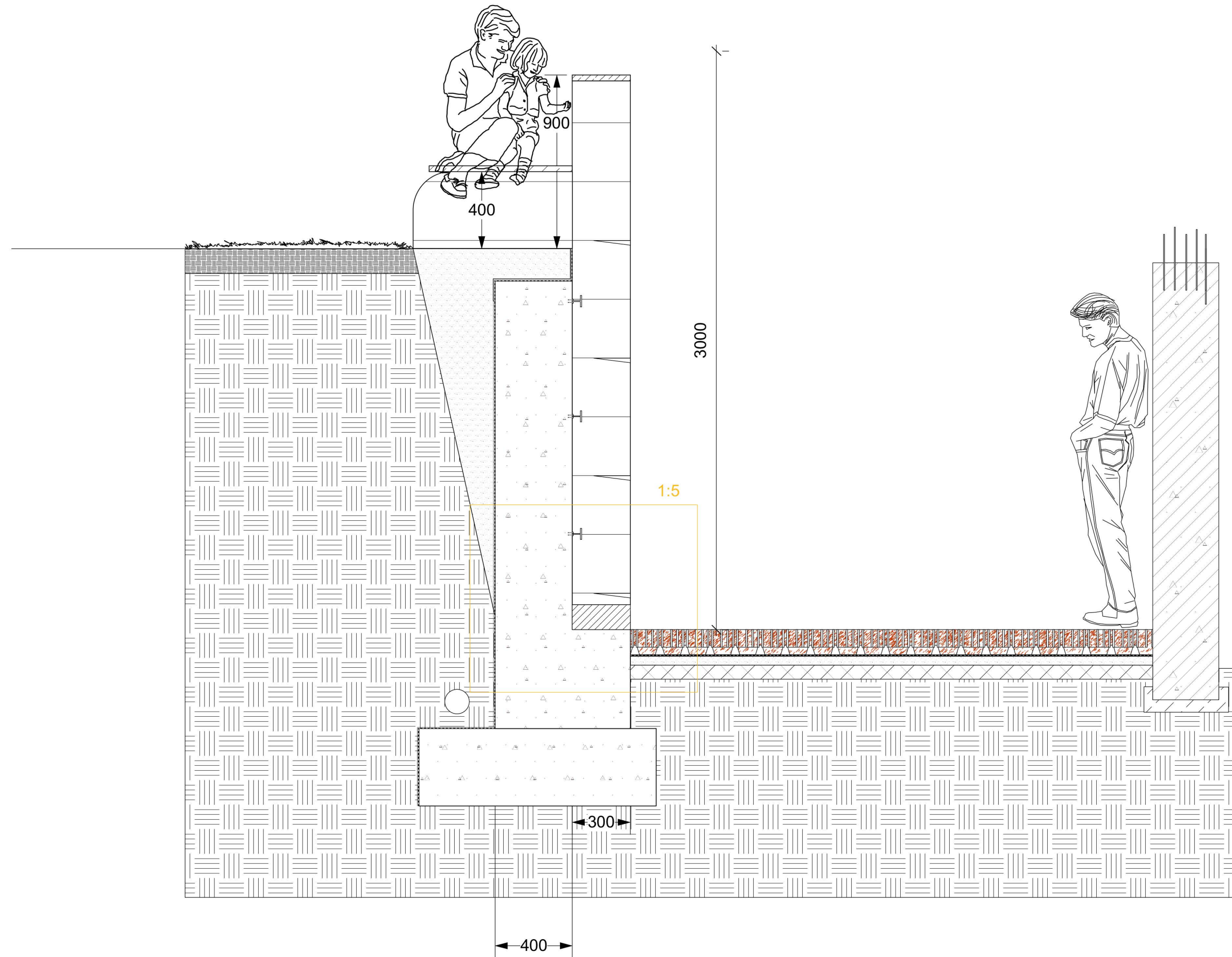




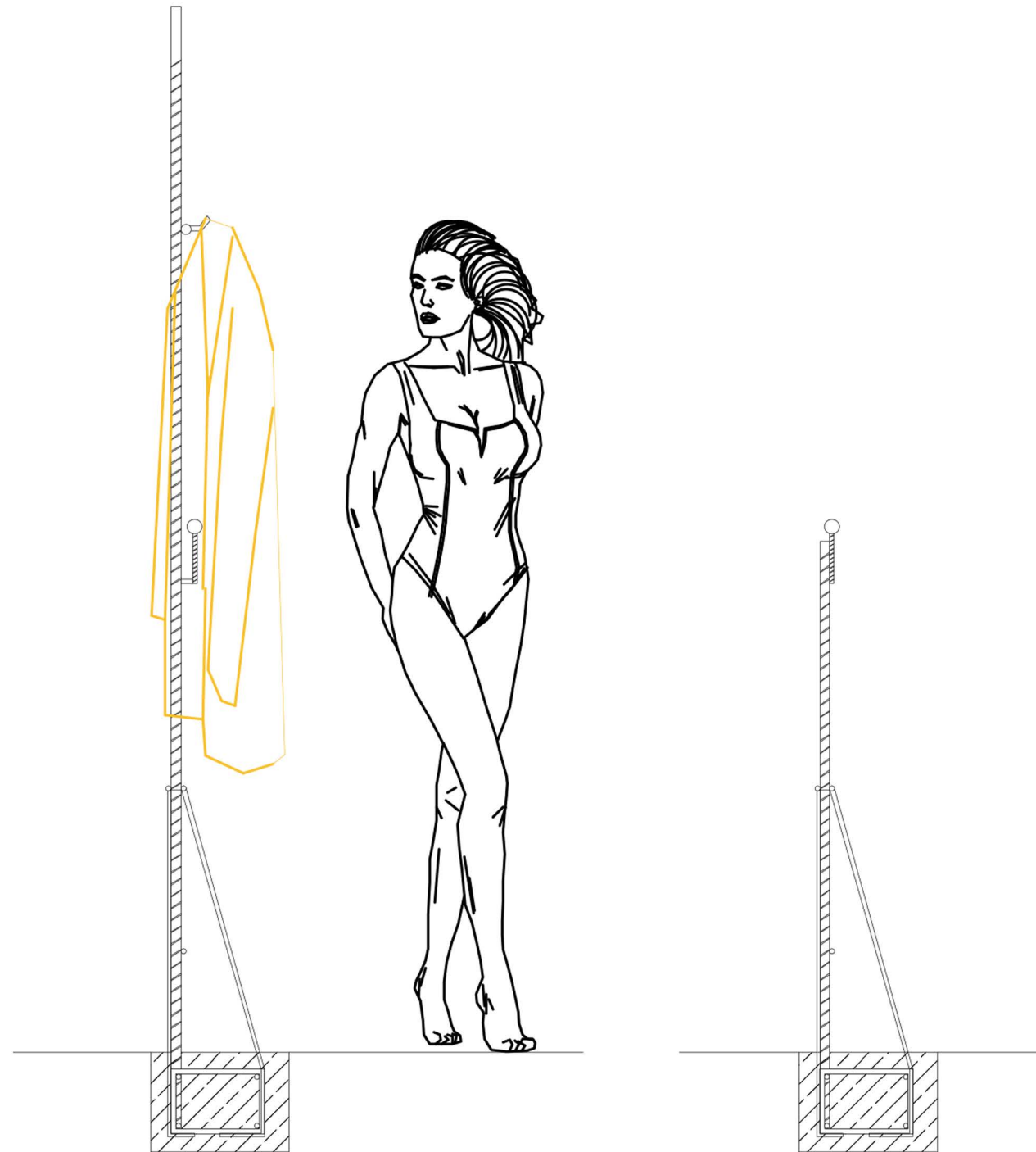
BRICK AND CHIPPINGS FLOOR



R A M M E D E A R T H R E T A I N I N G W A L L



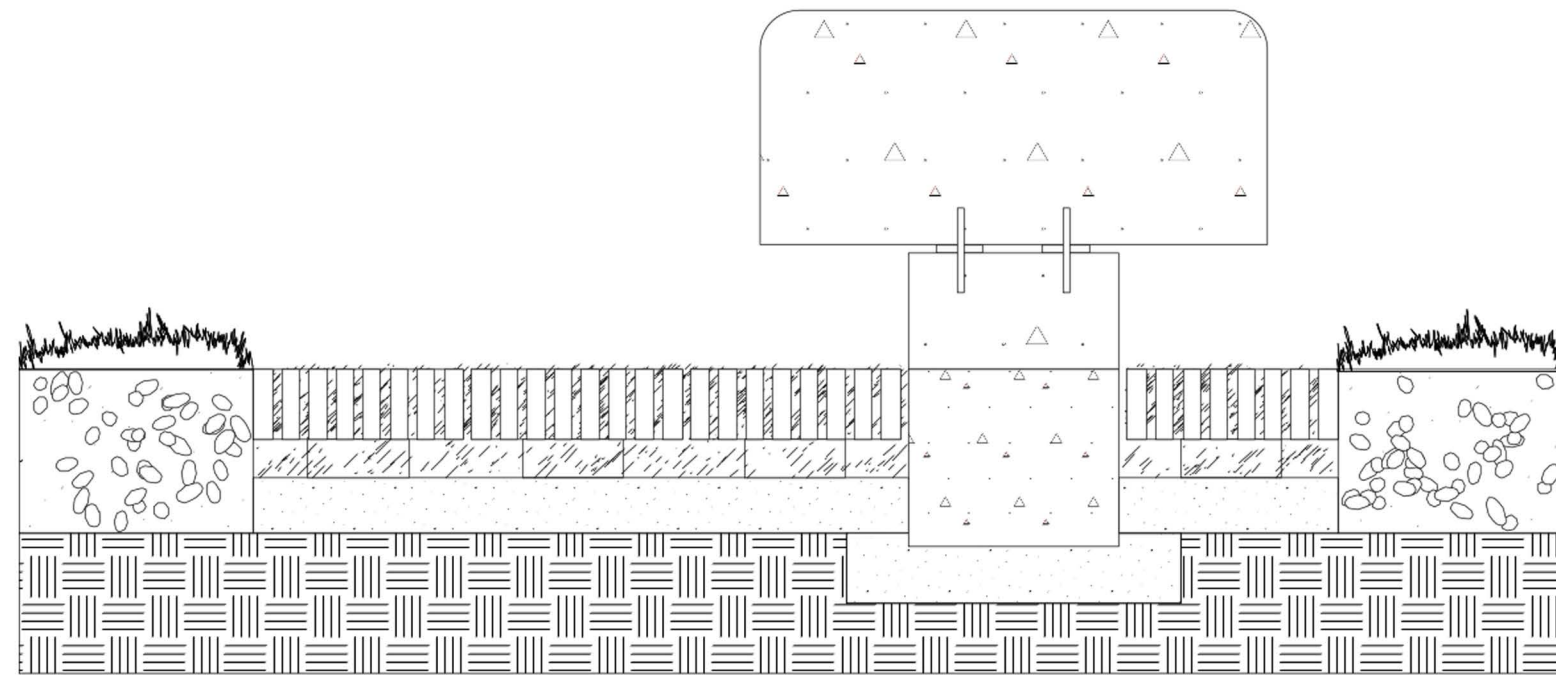
R E B A R R A I L I N G



RAILING:

15mm rebar vertical posts spaced 500mm center to center as frame
8mm rebar vertical posts spaced 150mm center to center
20mm rebar horizontal railing as handrail
8mm rebar crossbars
10mm garrote bars

G A R D E N F U R N I T U R E

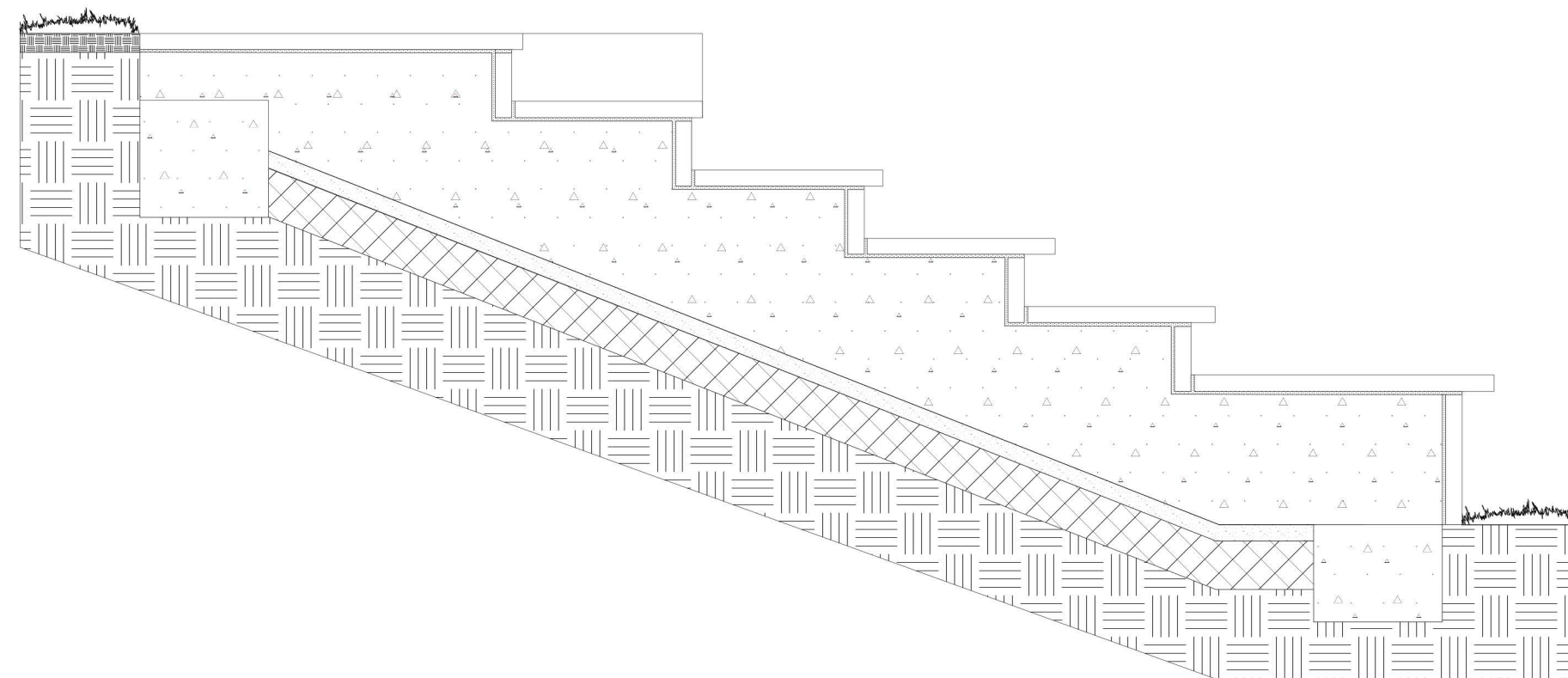


BENCH

300 mm concrete seat finished polished
 10mm flat-rolled steel screwed with washers diam. 8mm
 150 mm concrete foot finished
 225 mm concrete foundation C12/15
 70mm compacted sand

FLOOR

90 mm red perforated brick 90x130x270 + fine grain red brick chippings
 40 mm mortar footing + coarse grain red brick chippings
 70 mm compacted sand



RIVER STEPS

50 mm Pre-cast concrete slab and rebate bush-hammered finish for anti-slip
 10mm 1:3 cement mortar all joints pointed
 350mm precast concrete edging bedded on 1:3 cement mortar
 50mm compacted sand
 150mm hardcore
 subsoil

S Ó L I D O . L Í Q U I D O . L Í T I C O

TEUSAQUILLO - offered enclosure - place for rest

