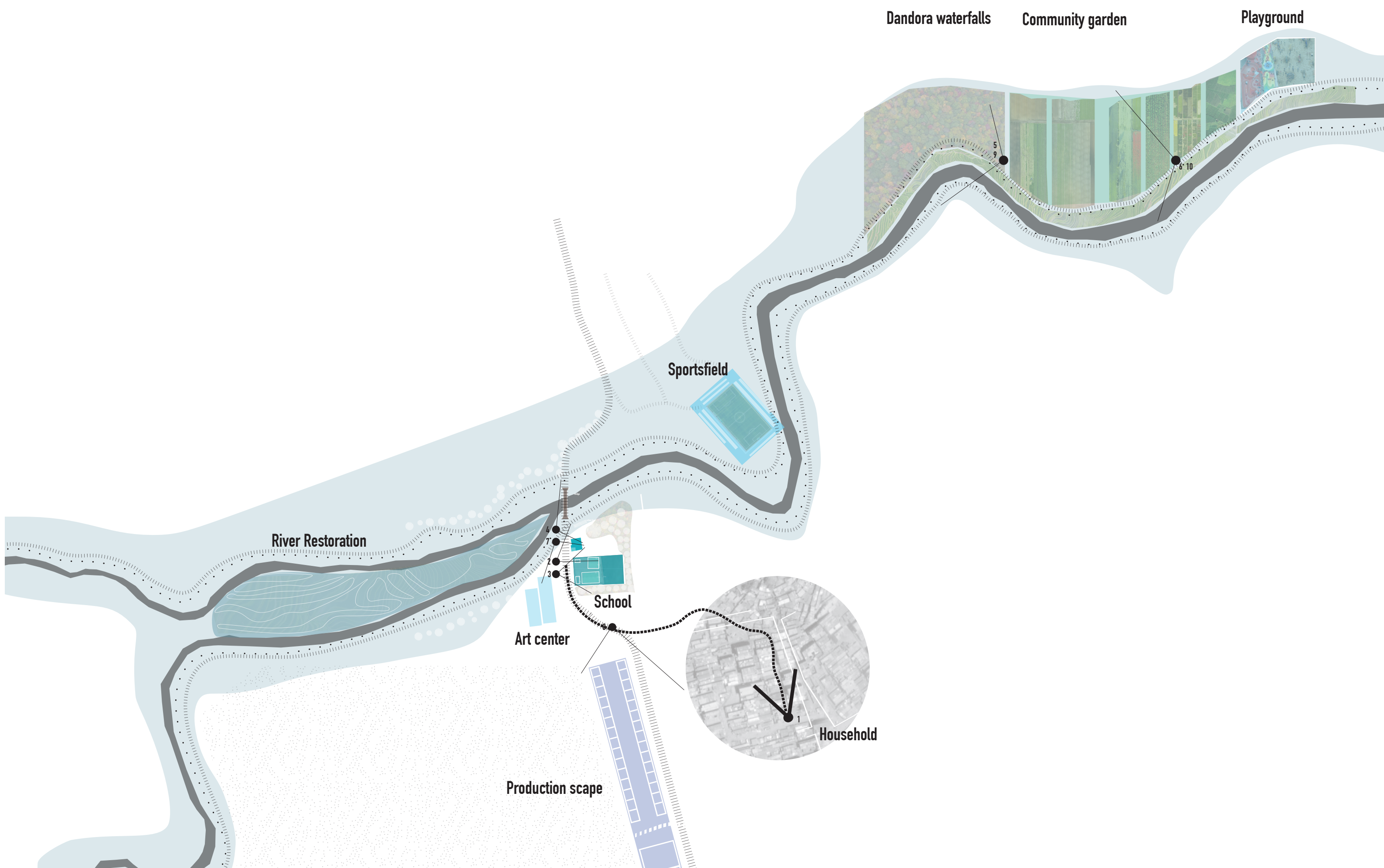
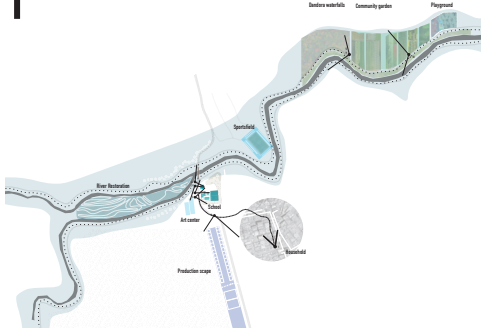


VI. STORYLINE | HOUSEHOLD TO SCHOOL

1

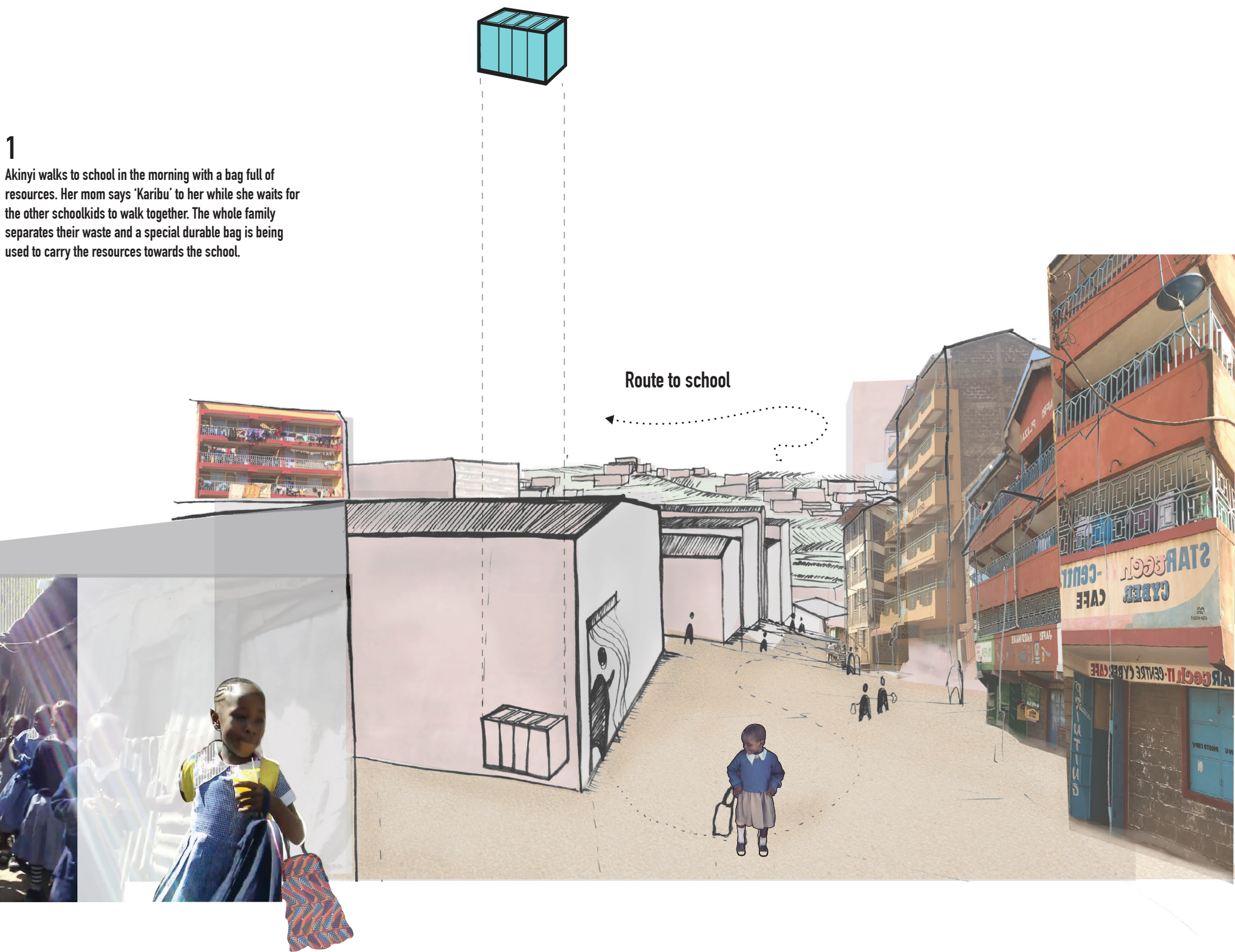


VI. STORYLINE | HOUSEHOLD TO SCHOOL



SPATIAL

1
Akinyi walks to school in the morning with a bag full of resources. Her mom says 'Karibu' to her while she waits for the other schoolkids to walk together. The whole family separates their waste and a special durable bag is being used to carry the resources towards the school.



STAKEHOLDERS



Akinyi



Whole family

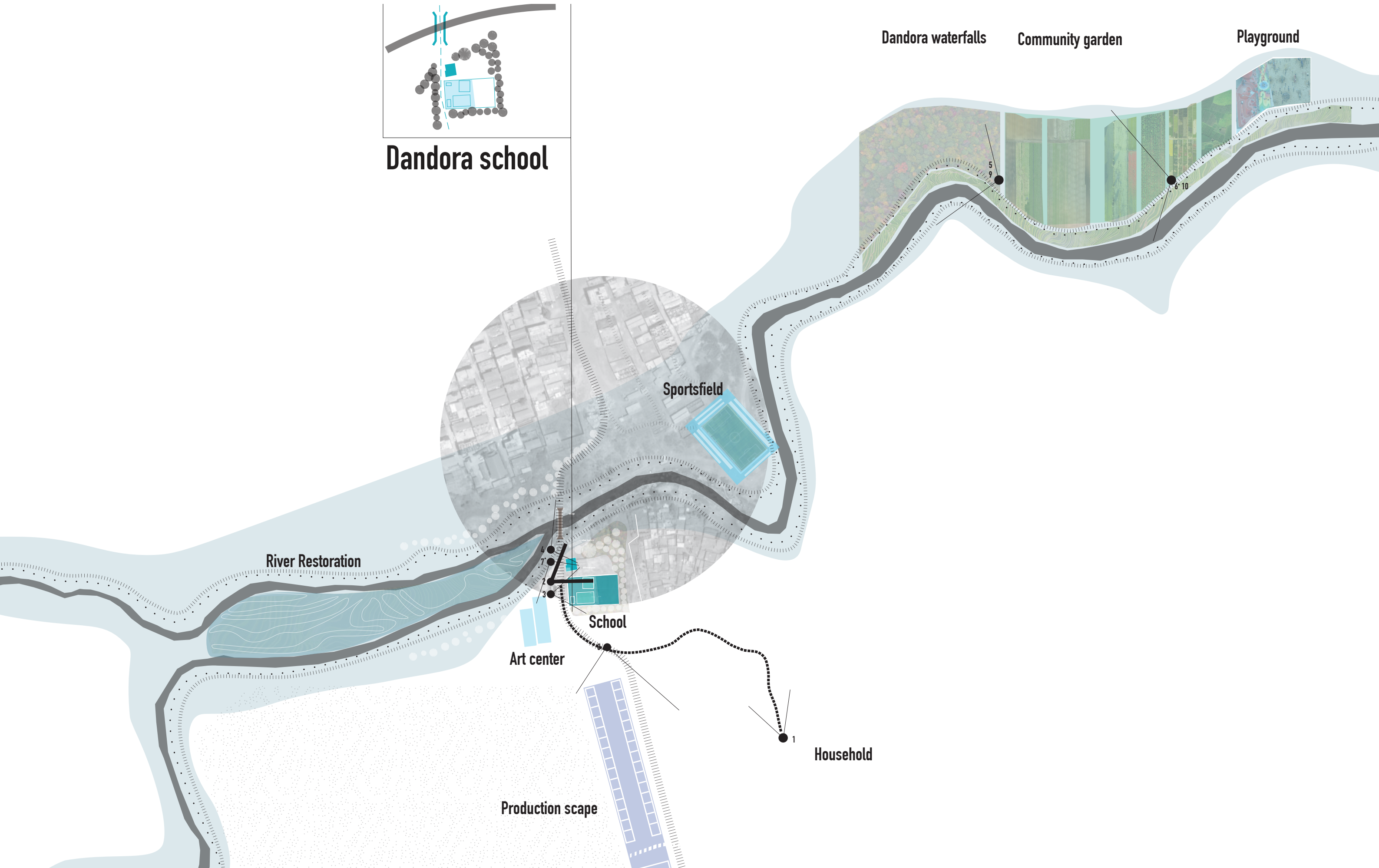
RESOURCES



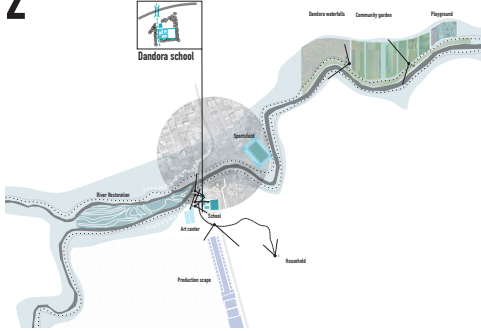
Bag

Figure 156: Storyline scene 1 - Authors' drawing

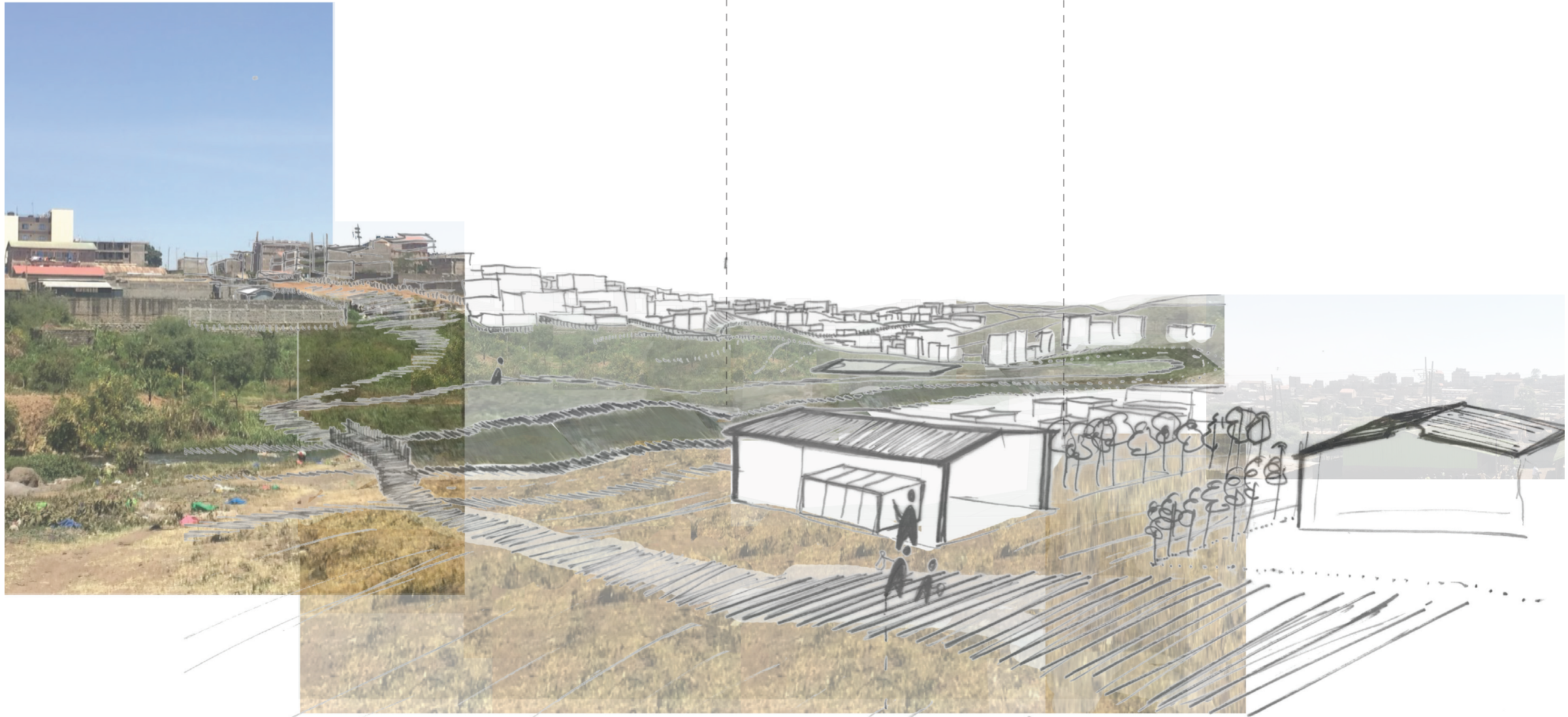
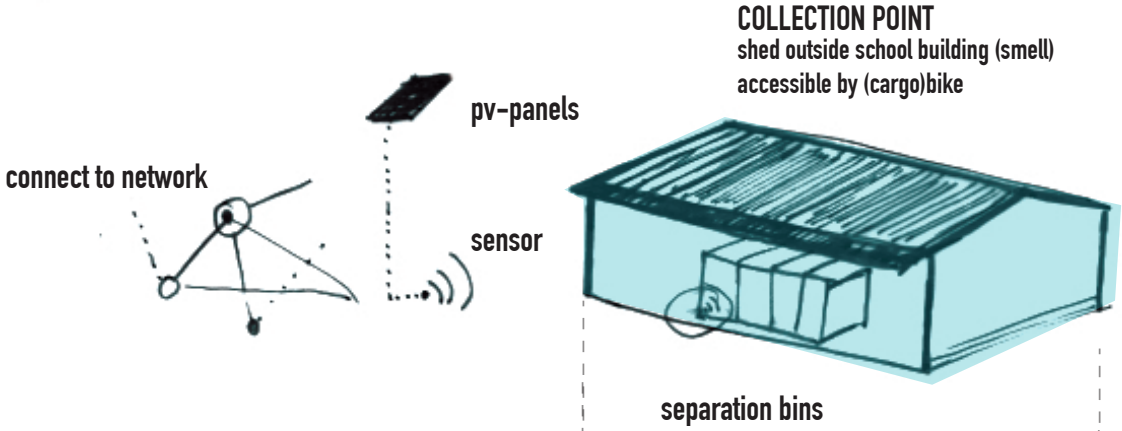
VI. STORYLINE | HOUSEHOLD TO SCHOOL



VI. STORYLINE | HOUSEHOLD TO SCHOOL
2



2
Akinyi arrives at school and she and her schoolmates first drop their bag at the collectionpoint.



STAKEHOLDERS

KID

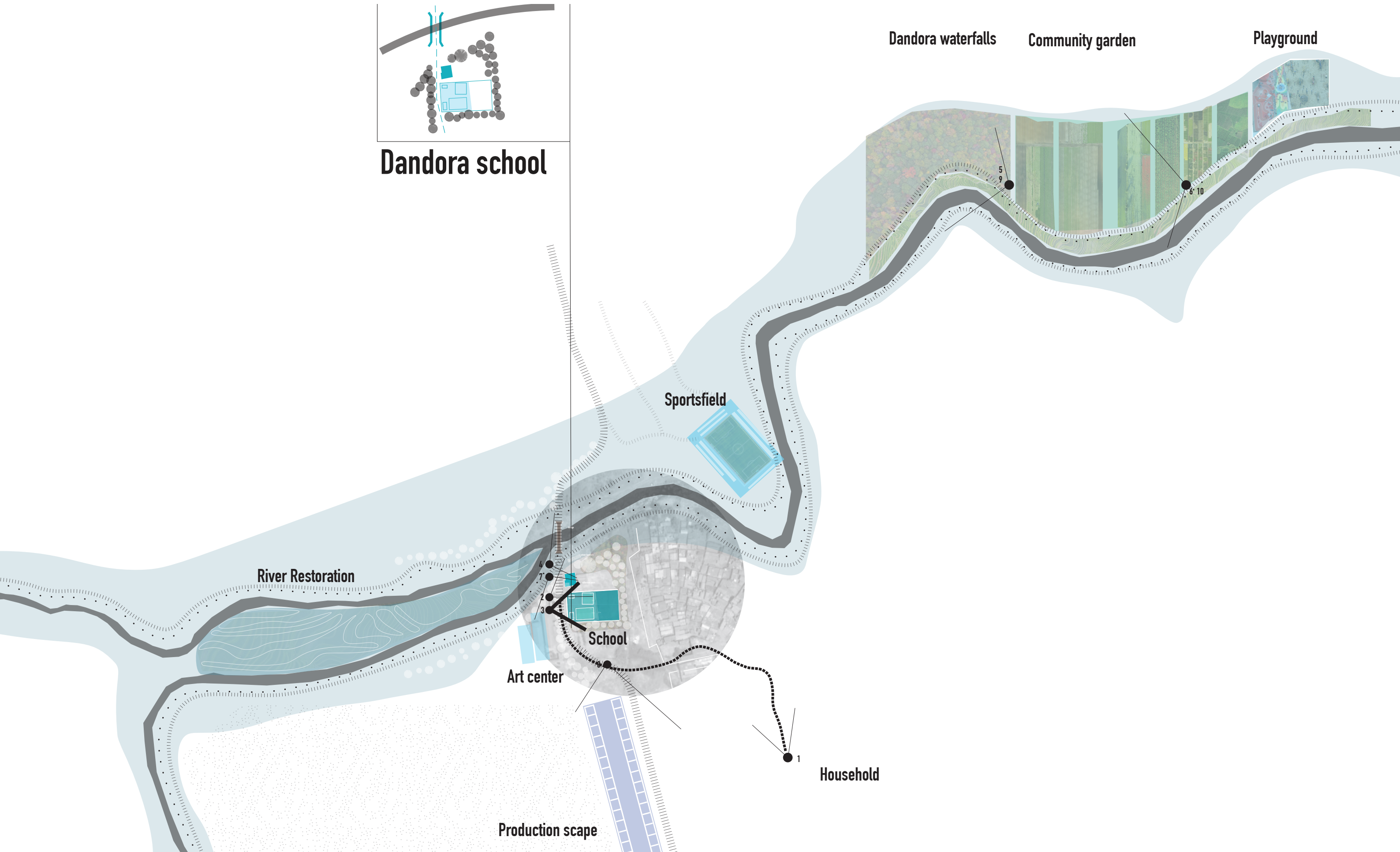
CBO-MEMBER
SUPERVISOR COLLECTION POINT

RESOURCES



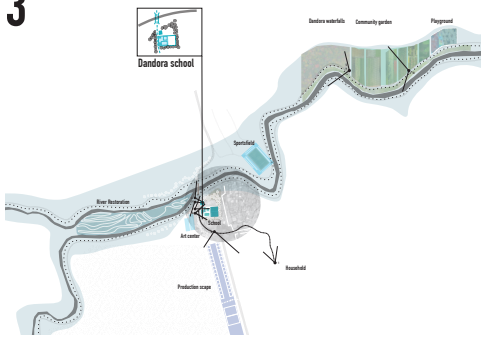
MVIRINGO-COIN (NEW CURRENCY)

VI. STORYLINE | SCHOOL



VI. STORYLINE | SCHOOL

3



SPATIAL



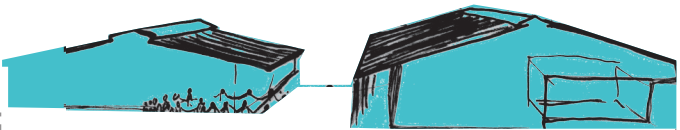
(SCHOOL) SQUARE

3

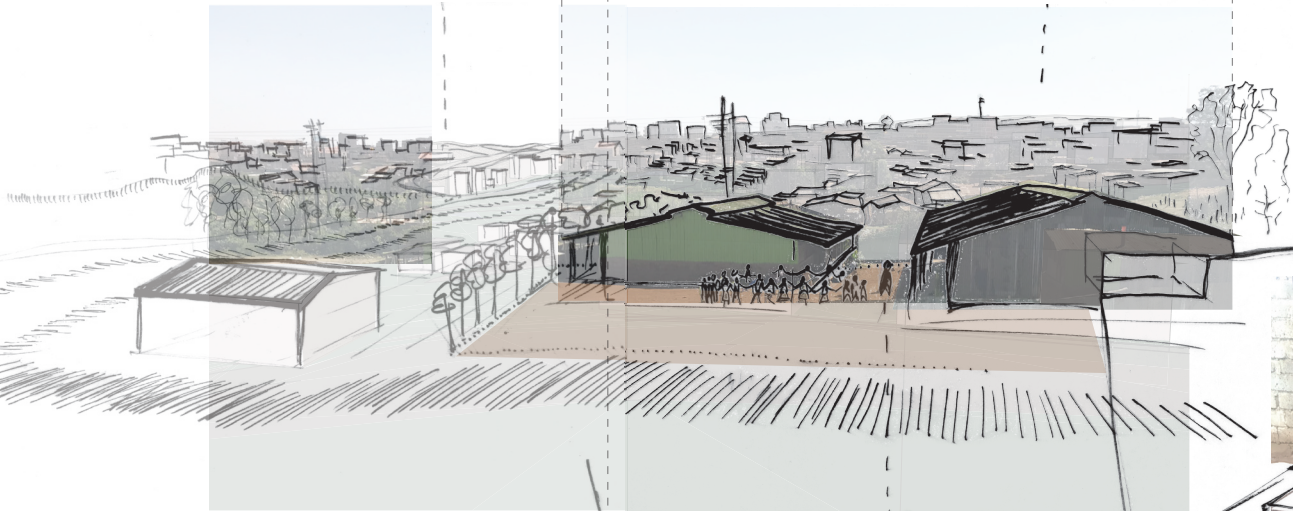
During school Akinyi and her schoolmates are playing outside using imaginary footballs or dancing while singing songs. These songs learn them values, in this specific case it contains a sustainable messages and teaches ecological ideals.



AKINYI AND HER SCHOOLMATES PLAYING OUTSIDE MAKING USE OF THEIR MOST DURABLE RESOURCE: THEIR VOICE



SCHOOL



CLASSROOM

EDUCATIONAL PROGRAM



STAKEHOLDERS



TEACHERS



GOVERNMENT
MINISTRY OF EDUCATION

RESOURCES



COURSE MATERIAL



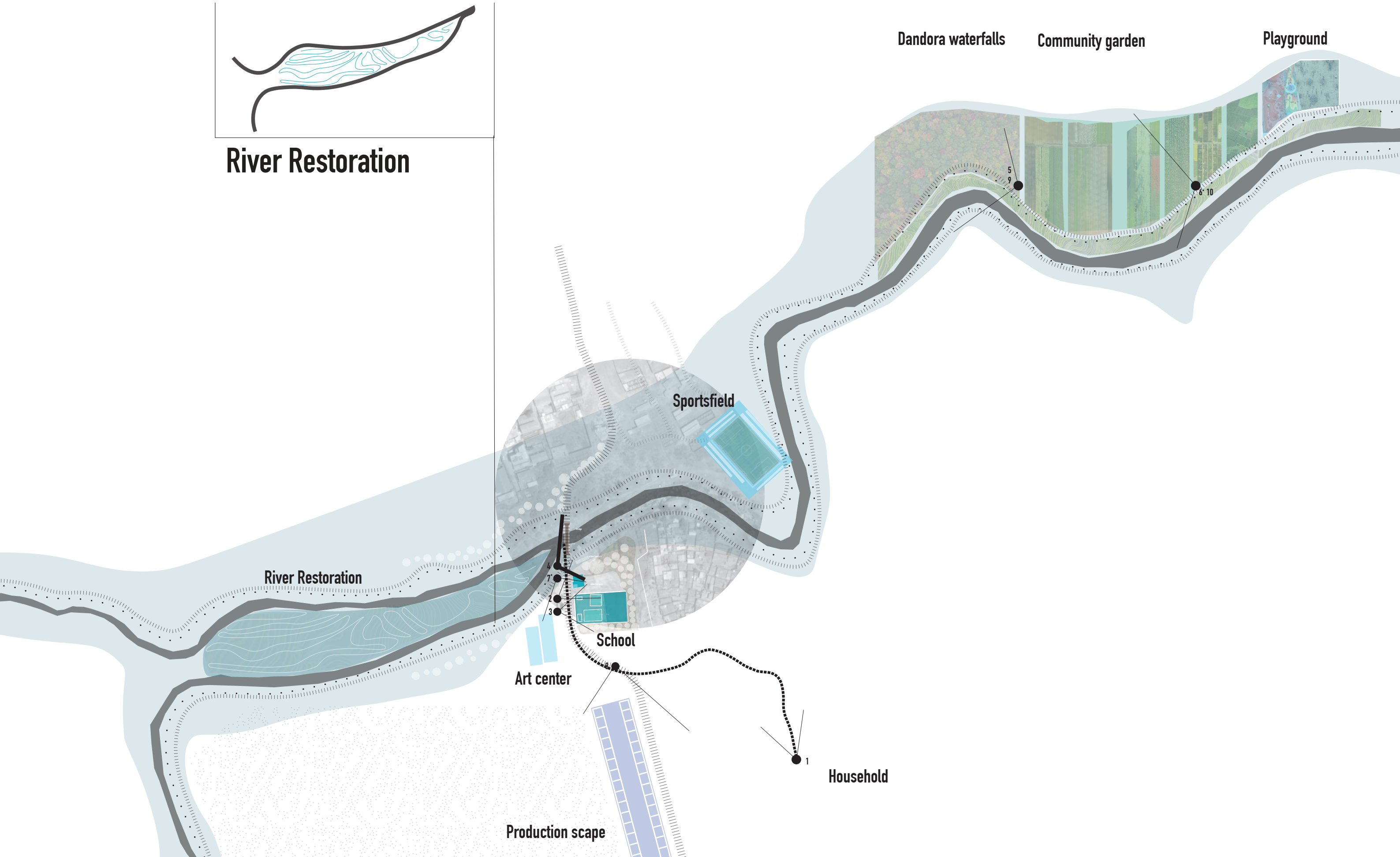
(SOCIAL) MEDIA
AWARENESS PROGRAM



SONGS

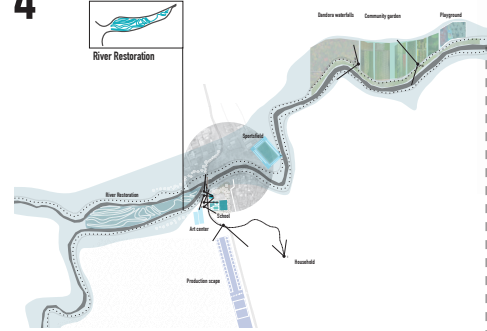
Figure 158: Storyline scene 3 - Authors' drawing

VI. STORYLINE | RIVER



VI. STORYLINE | RIVER

4



4

School kids like Akinyi walk from school along the river, the sportsfield in direction of the community garden. They cross the water by the bridge, constructed of bamboo. Bamboo is growing fast on the riparian sides. The constructed wetland just before the bridge is maintained and controlled by the garden-members in order to secure the water safety and cleanliness. The bridge connects the estates of Dandora and Lucky summer and at the crossing of two paths, a high quality public space is situated underneath the characteristic tree (in memory of Wangaati). The design of the space is a co-creation by locals to compete in the Changing Faces Competition.

(phyto)-remediation by constructed wetland

connect by bridge

urban furniture and characteristic tree

CO-CREATION PUBLIC SPACE

Zoom-in place-making

shade by trees

STAKEHOLDERS



CBO-members
responsible for wetland

STAKEHOLDERS

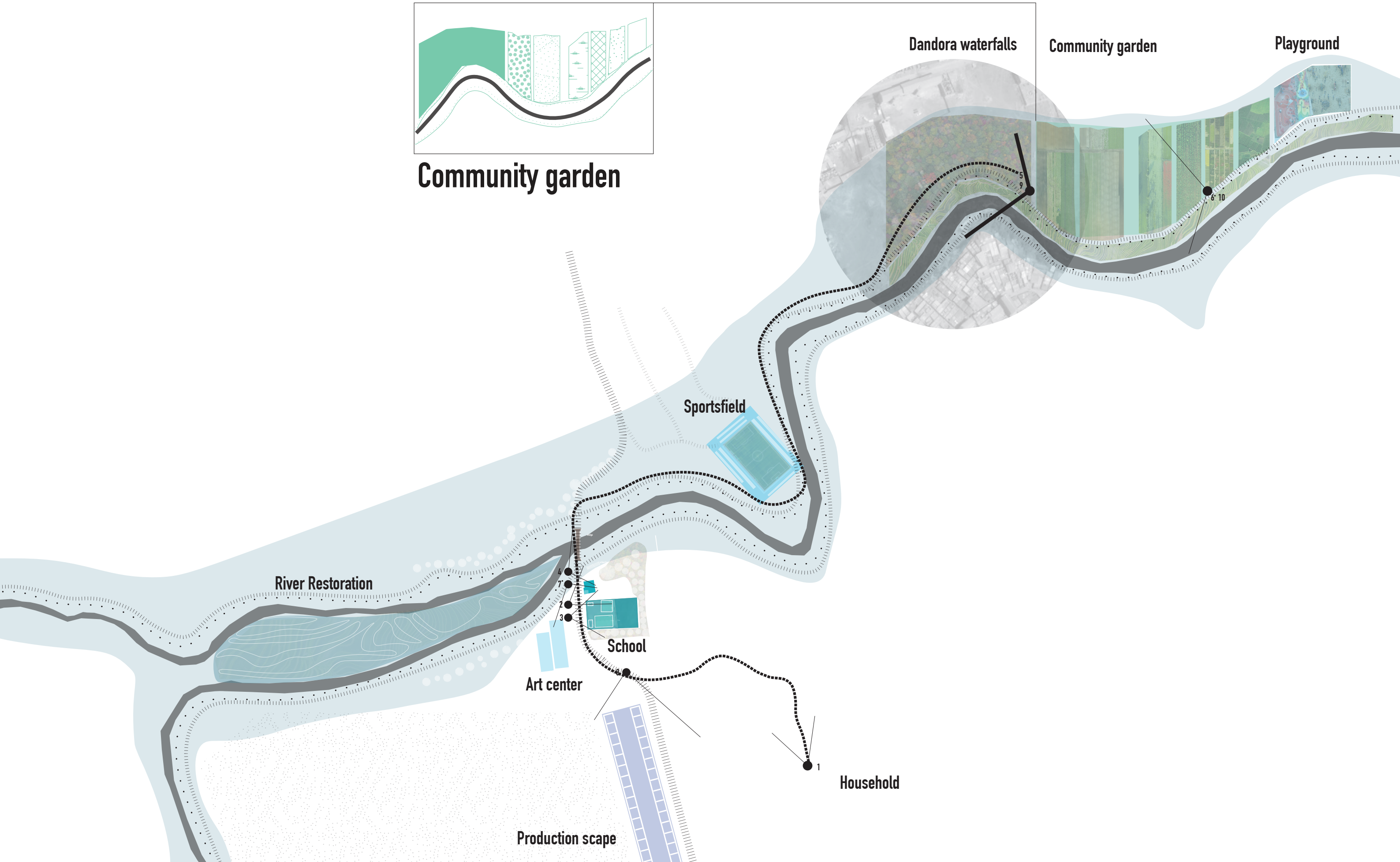
LOCAL INHABITANTS FROM LUCKY SUMMER AND
DANDORA

GOVERNMENTAL INVESTMENT IN INFRASTRUCTURE

RESOURCES

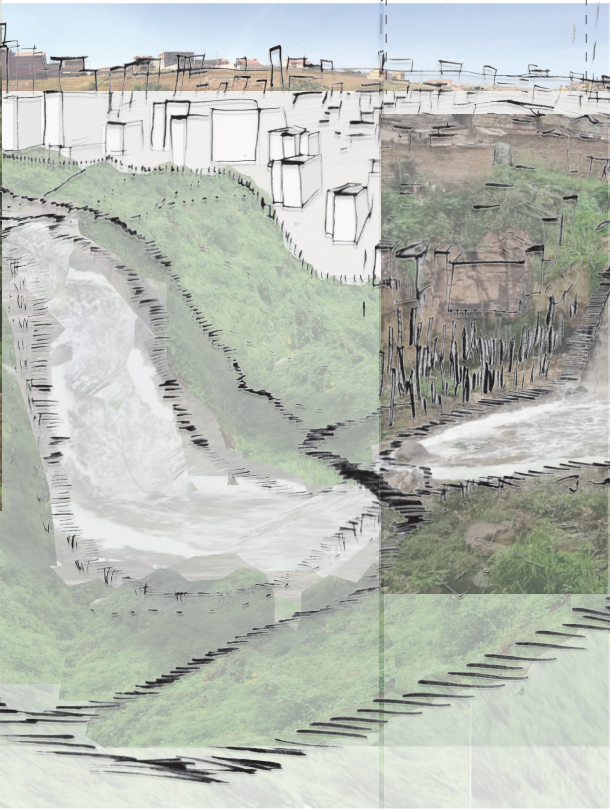
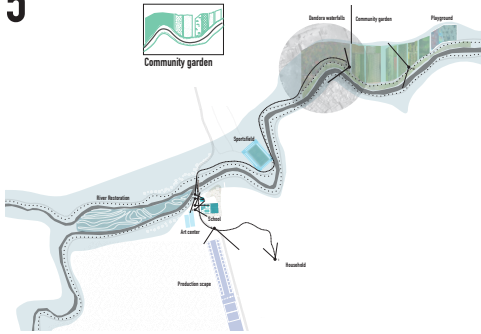
MANGO TREE / TANA RIVER POPLAR
BAMBOO

VI. STORYLINE | COMMUNITY GARDEN



VI. STORYLINE | COMMUNITY GARDEN

5



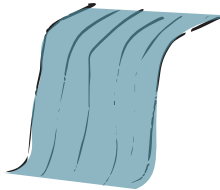
5

During school Akinyi and her schoolmates can choose to go to the tree-nursery as part of the community garden to take care of the plants. In redeem for their mviringo-coin, they obtain seeds, tools or space to harvest their own. In this way kids learn to have responsibility for their patch or tree.

SPATIAL
BAMBOO ZONE

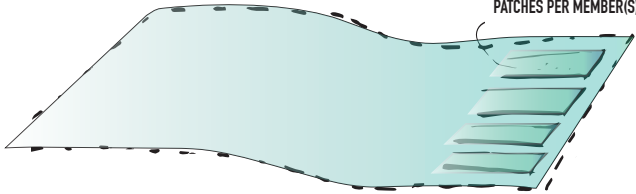


WATERFALL



part of water
remediation process

TREE NURSERY



STAKEHOLDERS

KID



CBO-MEMBER GARDEN
TREE NURSERY SUPERVISOR

MVIRINGO-COIN

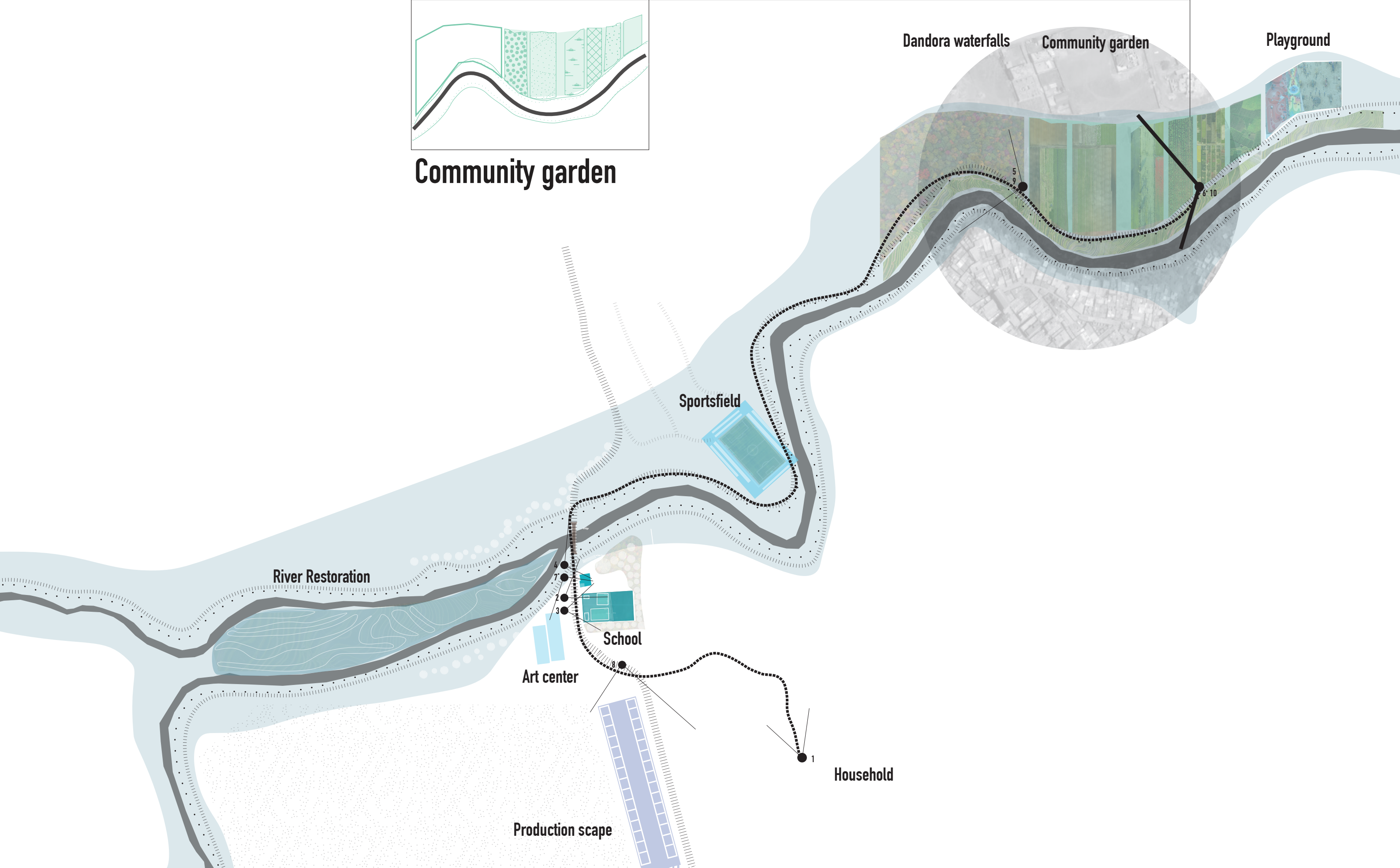
RESOURCES



SEEDS

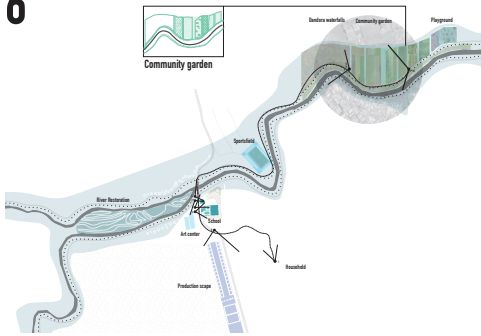
Figure 160: Storyline scene 5 - Authors' drawing

VI. STORYLINE | GARDEN



VI. STORYLINE | GARDEN

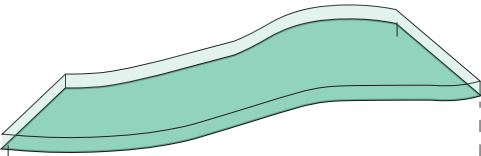
6



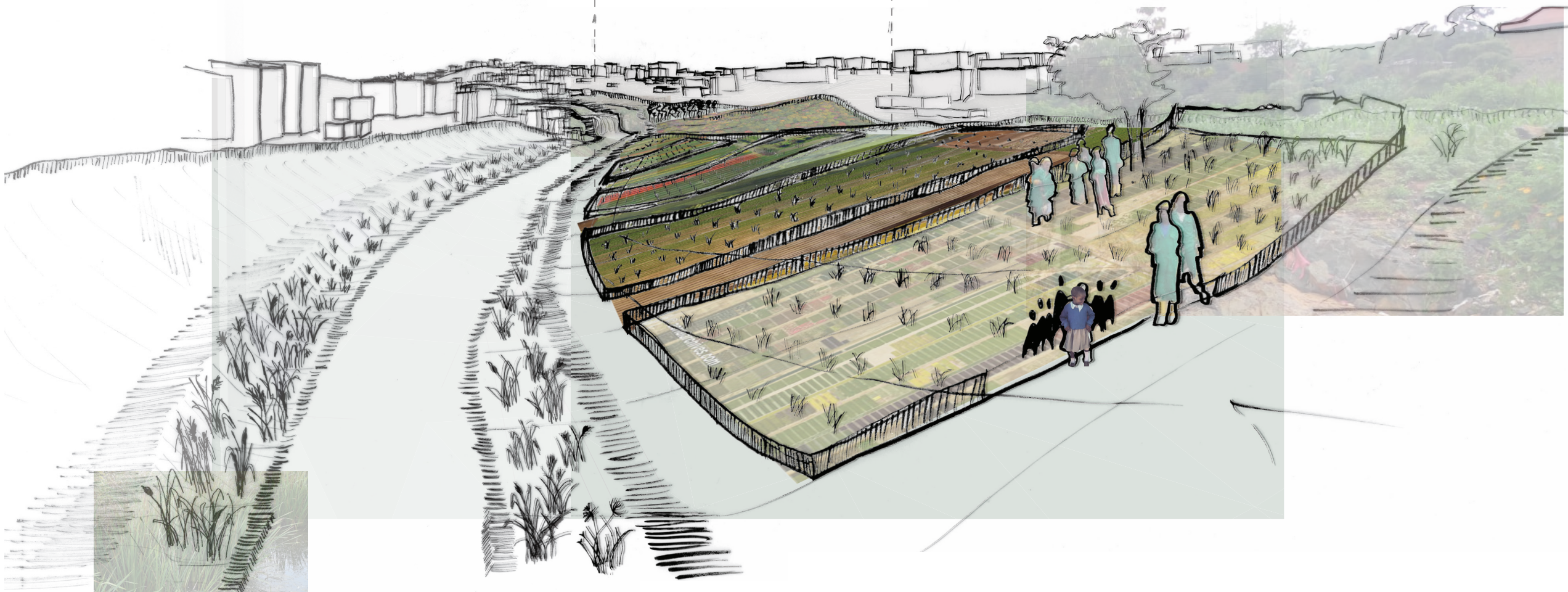
6

After school Akinyi and her schoolmates are being taught by CBO-members from the community garden about gardening, harvesting and vegetables.

SPATIAL



CLOSED GARDEN PATCHES



STAKEHOLDERS

KIDS



CBO-MEMBER GARDEN
with knowledge about gardening/soil/harvesting

RESOURCES

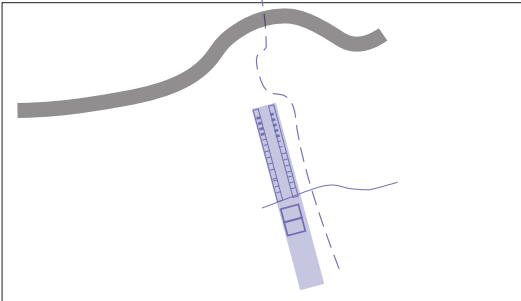


PODS (reused resources)
SEEDS
TOOLS
GLOVES

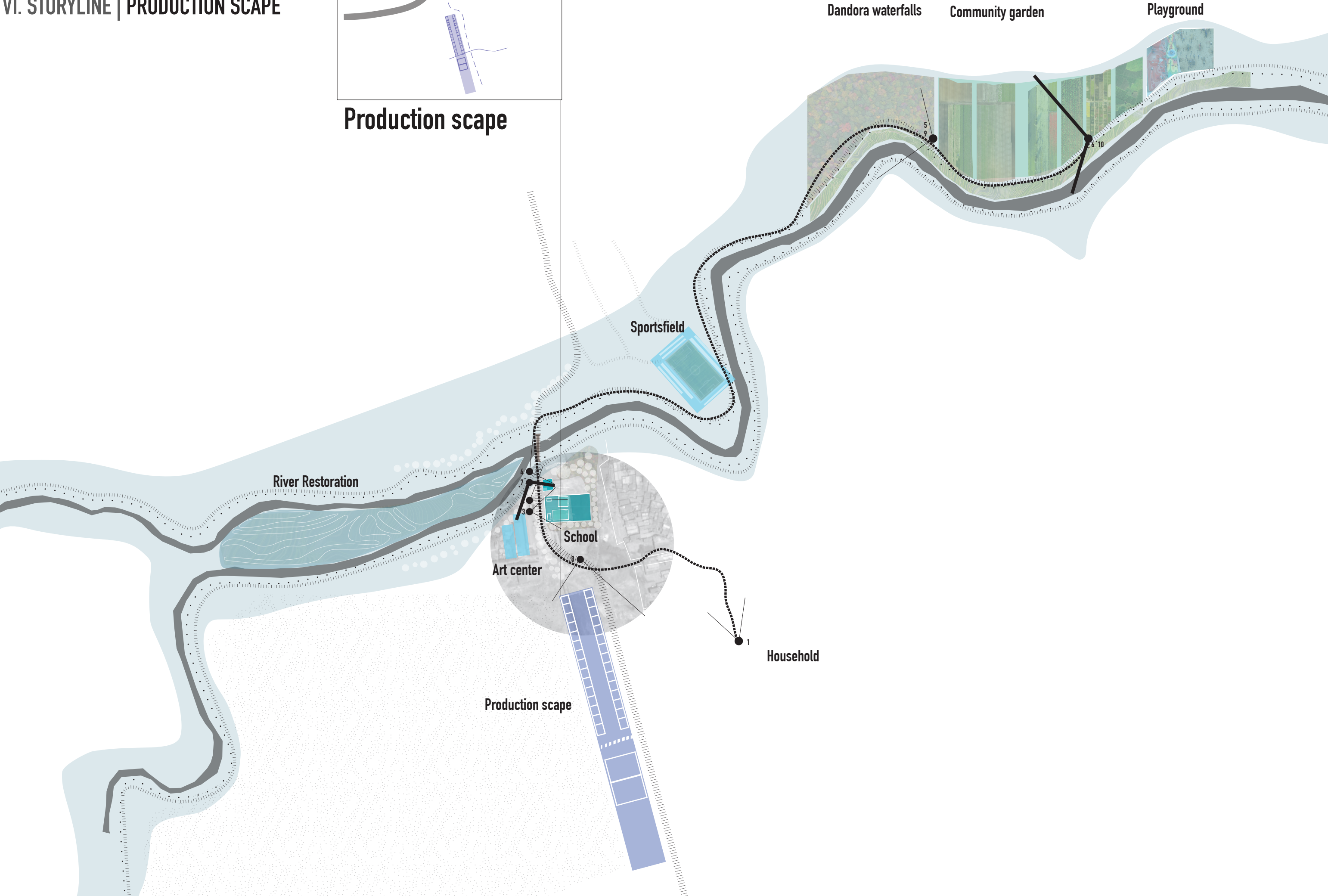
MATERIAL RESOURCES

Figure 161: Storyline scene 6 - Authors' drawing

VI. STORYLINE | PRODUCTION SCAPE



Production scape



Dandora waterfalls

Community garden

Playground

Sportsfield

River Restoration

School

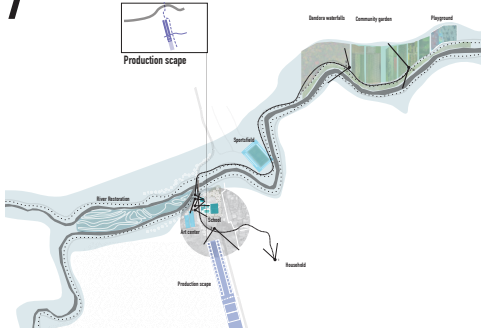
Art center

Production scape

Household

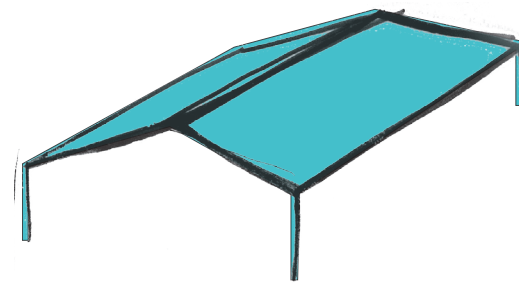
VI. STORYLINE | PRODUCTION SCAPE

7

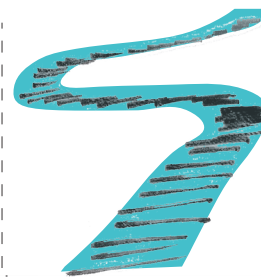


7
Cargo-bike-driver from a recycling CBO comes to pick up the resources from the collection point next to the school.

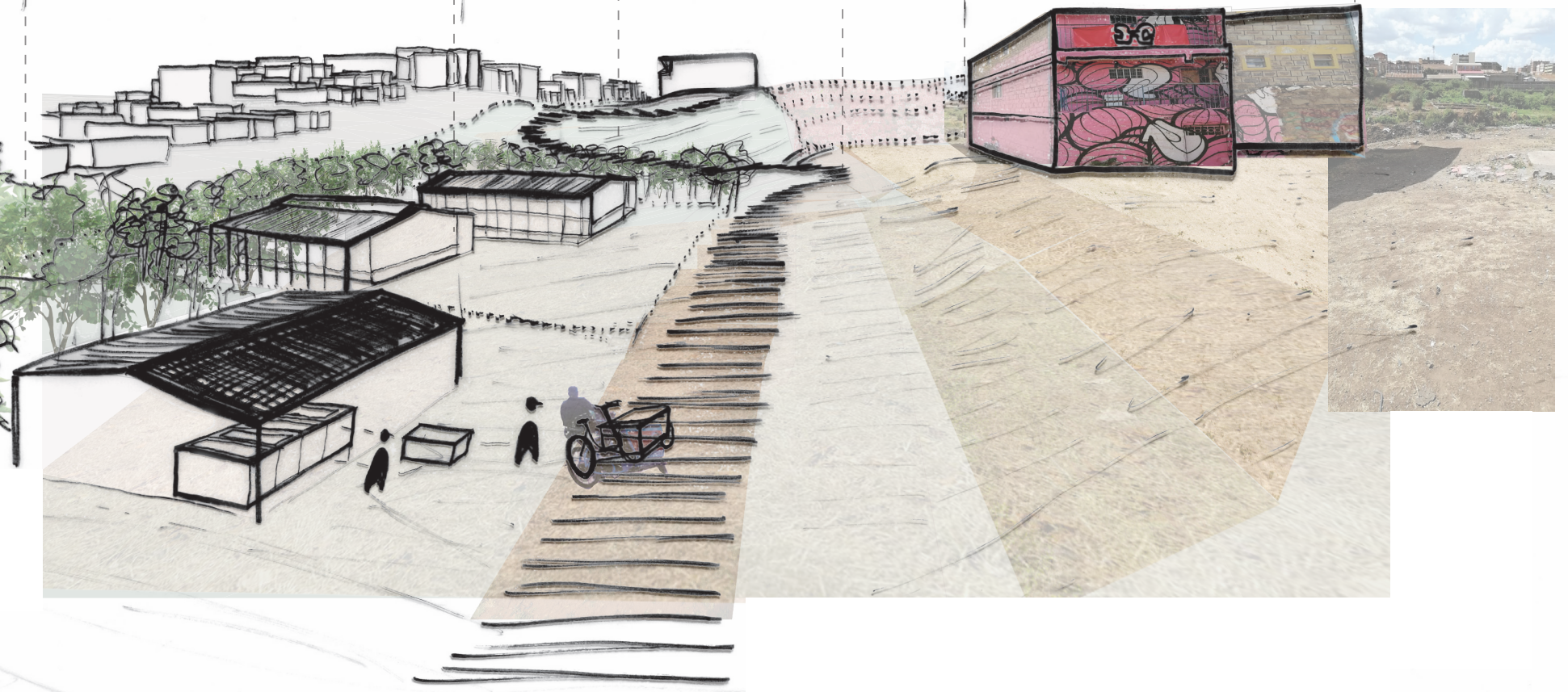
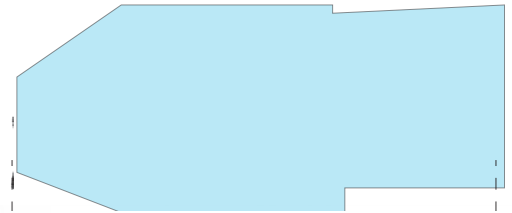
SPATIAL COLLECTION POINT



PAVED PATH for accessibility



ART CBO



STAKEHOLDERS



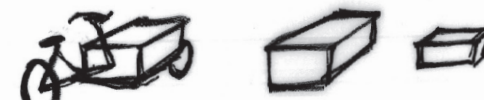
CBO-MEMBER
SUPERVISOR COLLECTION POINT

CBO-MEMBER RECYCLER
CARGO-BIKE-DRIVER

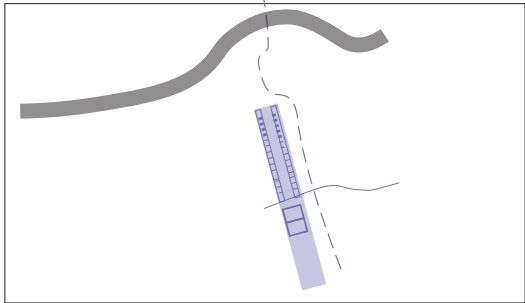


GOVERNMENTAL
INFRASTRUCTURE
INVESTMENT

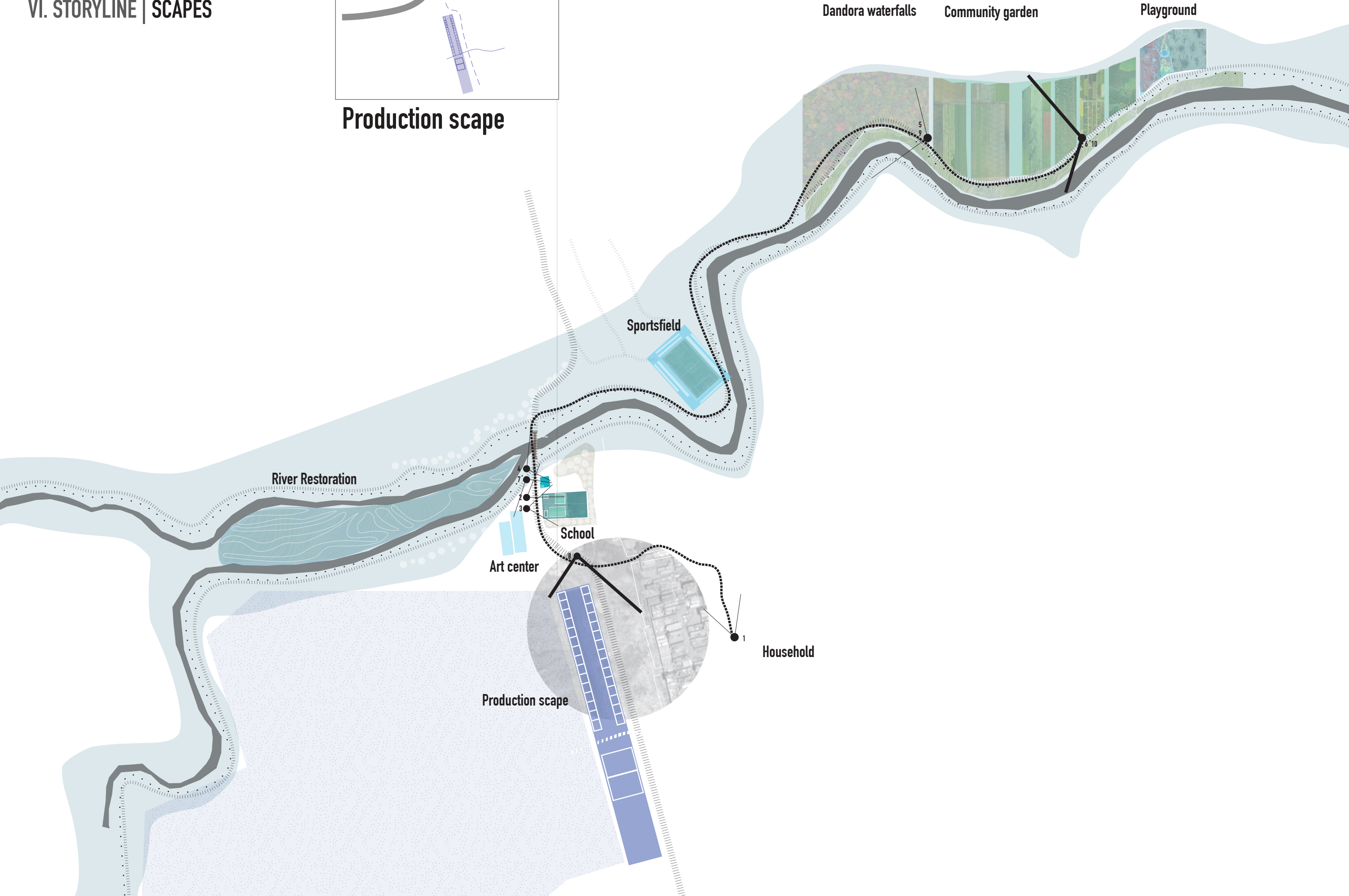
RESOURCES



VI. STORYLINE | SCAPES



Production scape



Dandora waterfalls

Community garden

Playground

Sportsfield

River Restoration

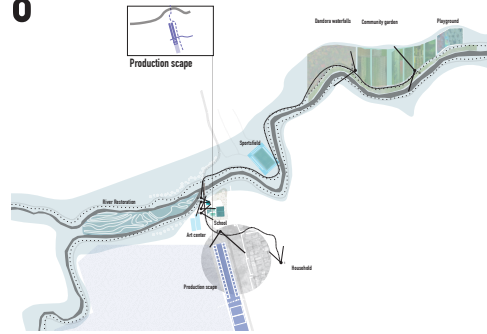
School

Art center

Production scape

Household

8



8

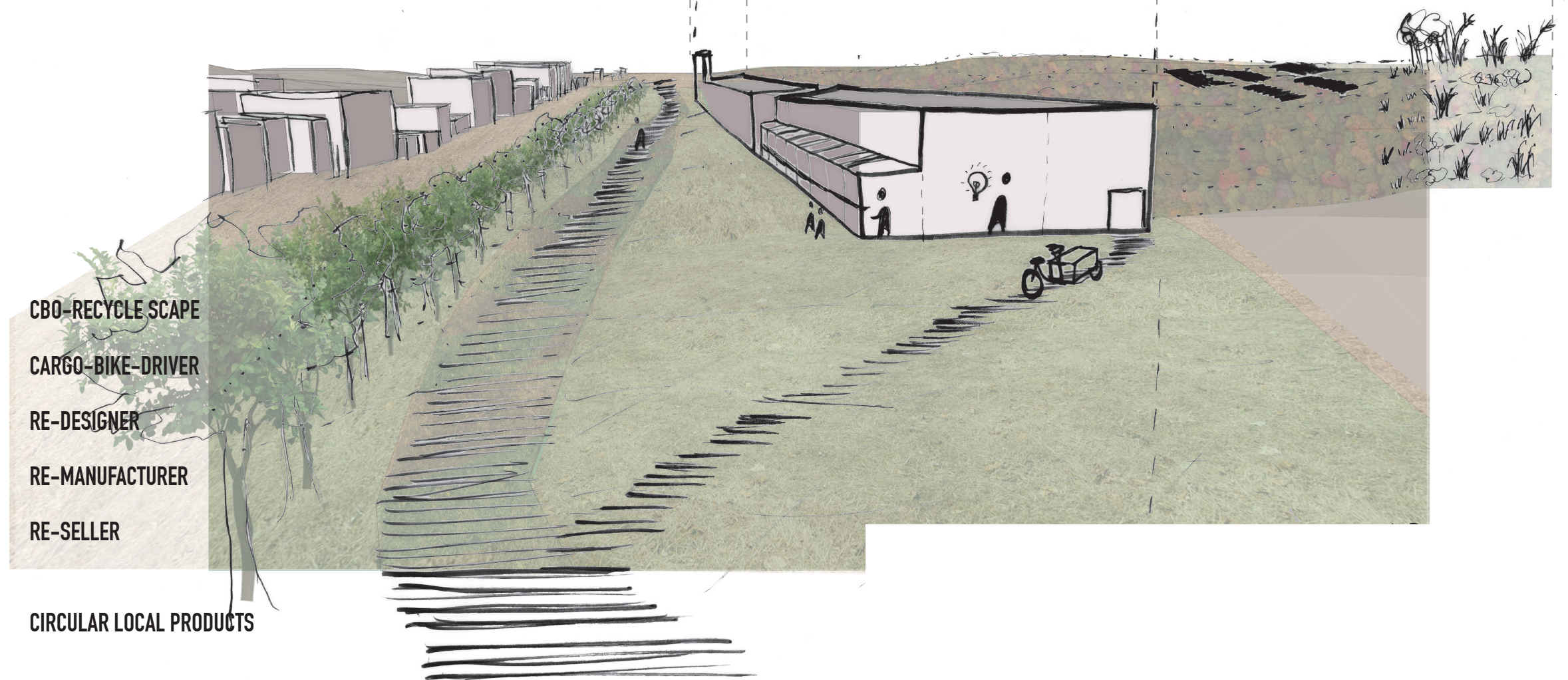
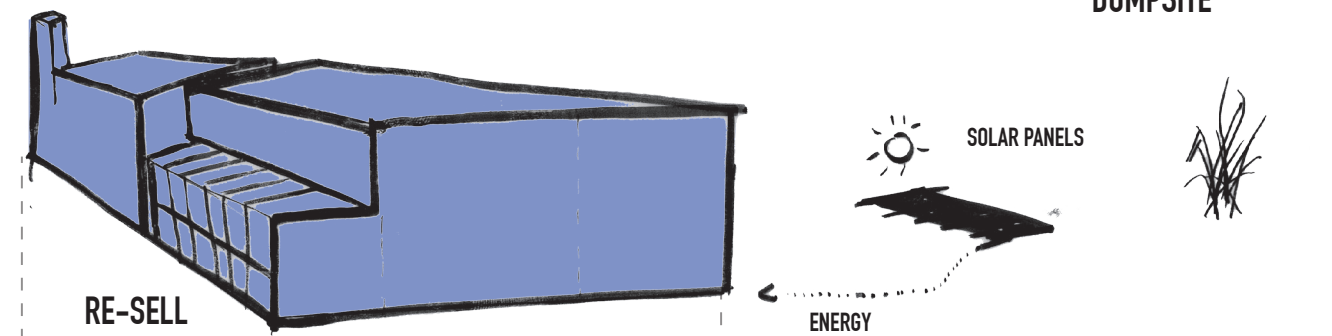
Cargo-bike-driver arrives at production scape. Drops the box at the recycle scape. Resources get sorted, washed, shredded and continue to the (re)manufacture scape. Designers create circular products based on local needs. Residents can buy these products at the sell scape, adjacent to it. In order to integrate the governmental plan of a incineration plants, the last part is burning part by part the Dandora dumpsite. Ideally the site remediates naturally to fulfill the original plans for houses at phase VI.

INCINERATION SCAPE

(RE)MANUFACTURE SCAPE

RECYCLE SCAPE

NATURAL SOIL REMEDIATION DUMPSITE



STAKEHOLDERS



CBO-RECYCLE SCAPE

CARGO-BIKE-DRIVER

RE-DESIGNER

RE-MANUFACTURER

RE-SELLER

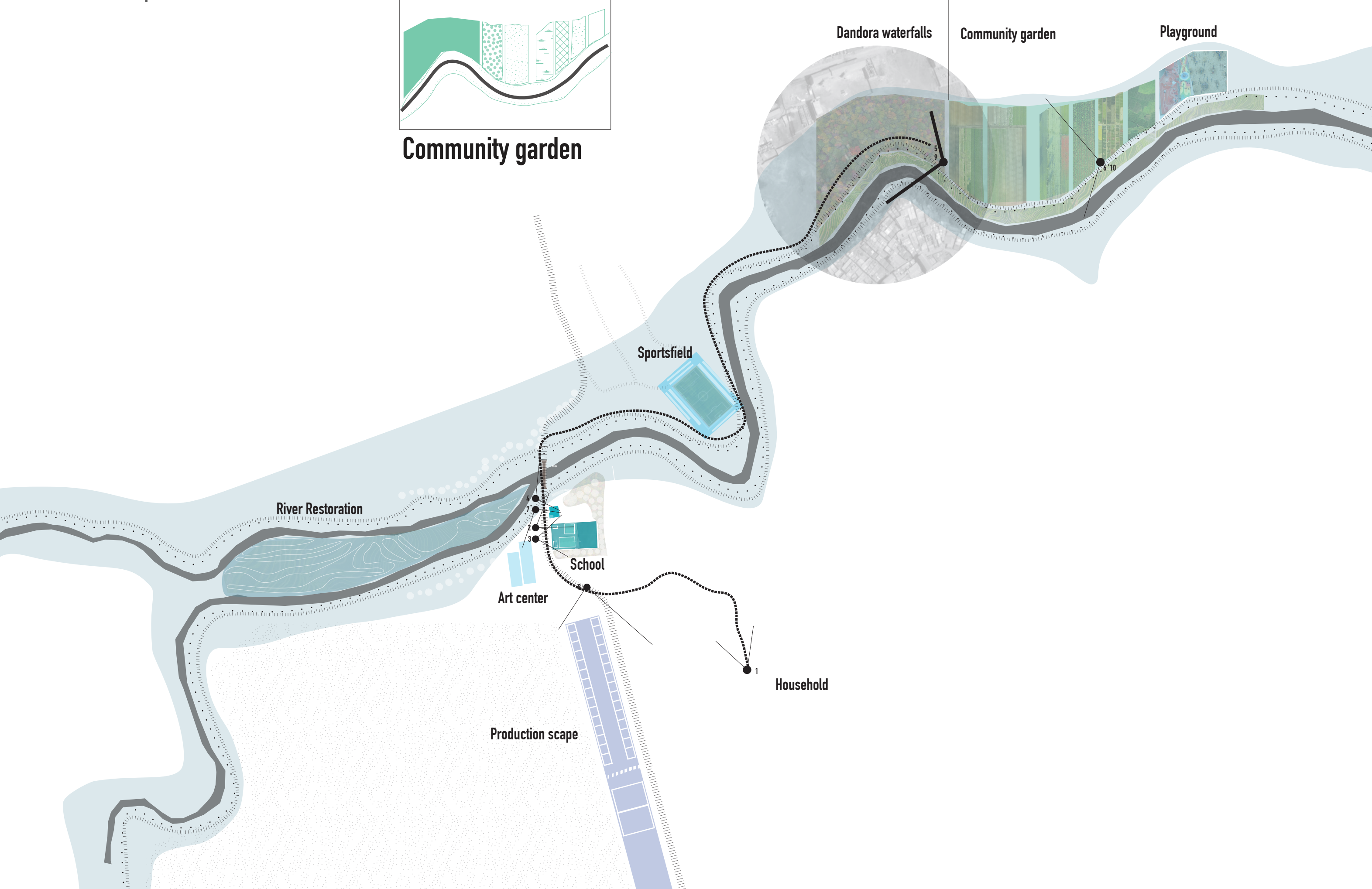
RESOURCES



CIRCULAR LOCAL PRODUCTS

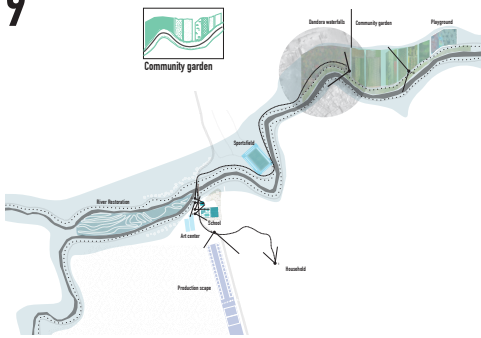
PLANTS (REED)

VI. STORYLINE | YEARS LATER



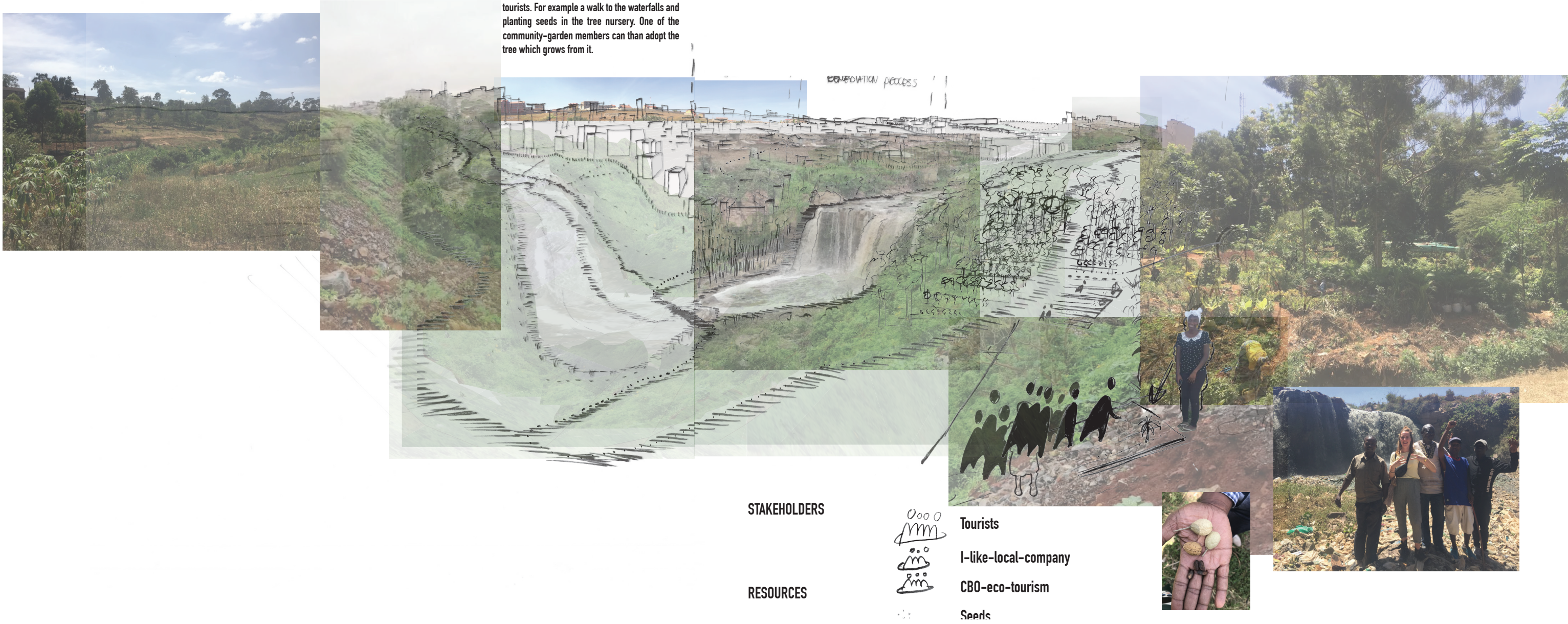
VI. STORYLINE | YEARS LATER

9



9

7 years later, Akinyi is part of a CBO on eco-tourism, offering local experiences to tourists. For example a walk to the waterfalls and planting seeds in the tree nursery. One of the community-garden members can than adopt the tree which grows from it.



STAKEHOLDERS

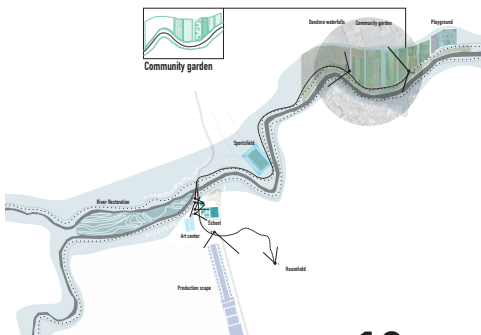
RESOURCES



- Tourists
- I-like-local-company
- CBO-eco-tourism
- Seeds

Figure 164: Storyline scene 9 - Authors' drawing

VI. STORYLINE | YEARS LATER



10

After school Akinyi as garden supervisor teaches her kids about gardening, harvesting and vegetables. The other way around she learns from the kids about the newest trends.

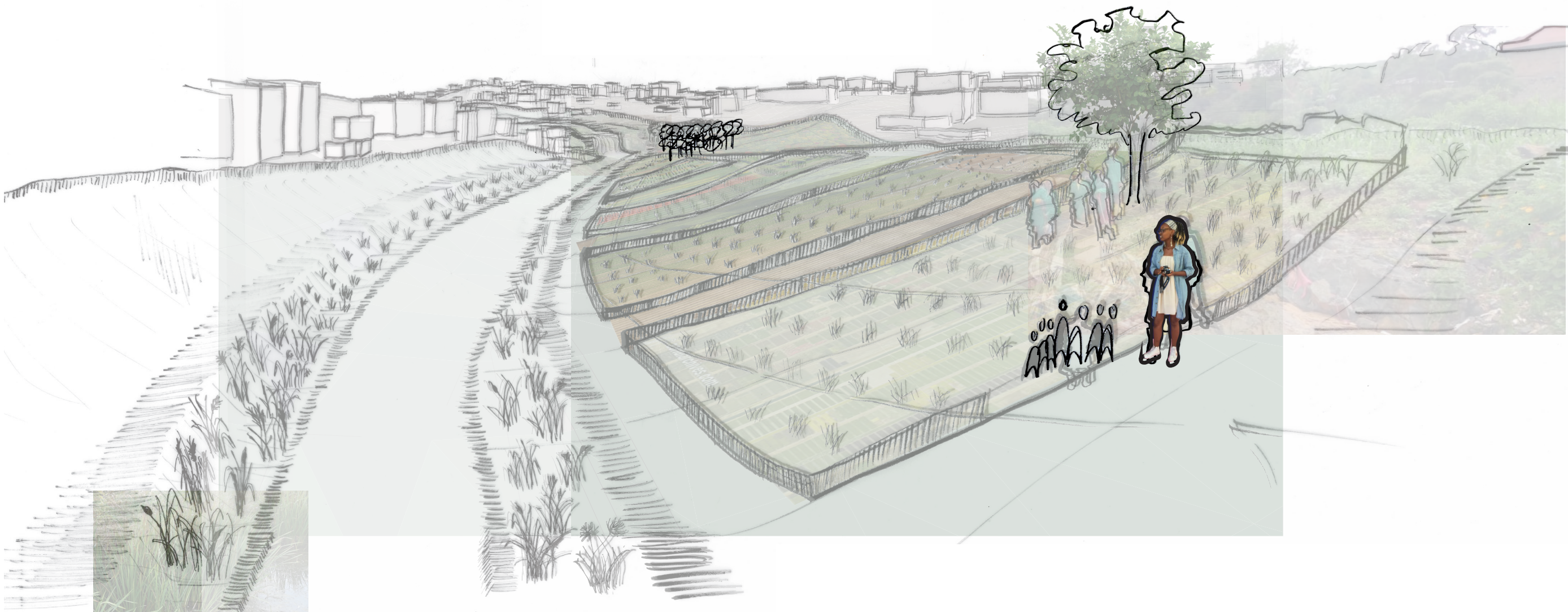


Figure 165: Storyline scene 10 - Authors' drawing

VI. STORYLINE

By summarizing the spatial and systemic interventions in from the perspective of a kid, into one story, this map highlights the route of this kid.



Figure 154: Storyline spatial overview - Authors' map