

The potentials of art and culture

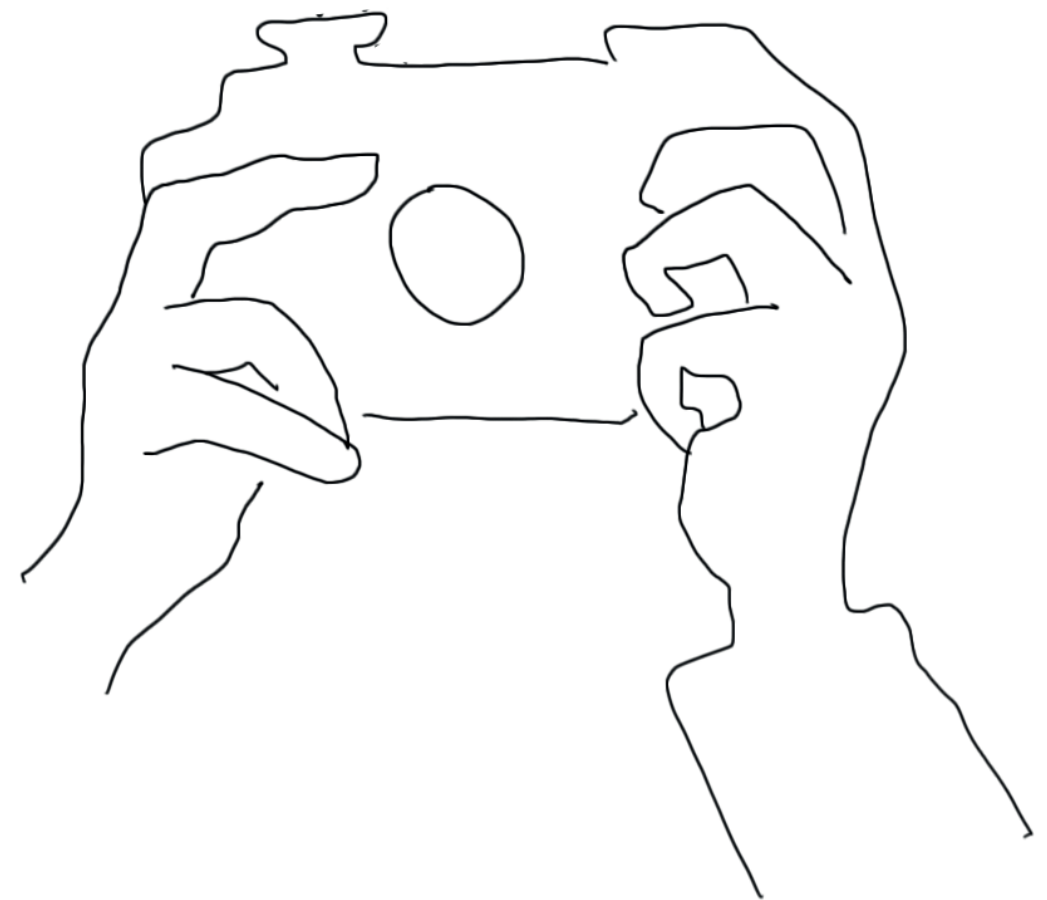
Jip Vorstermans

2017 / graduation project
Architectural Design
Studio Complex Projects
TUDelft

Chair:
Kees Kaan

Graduation coordinator:
Hrvoje Smidihen

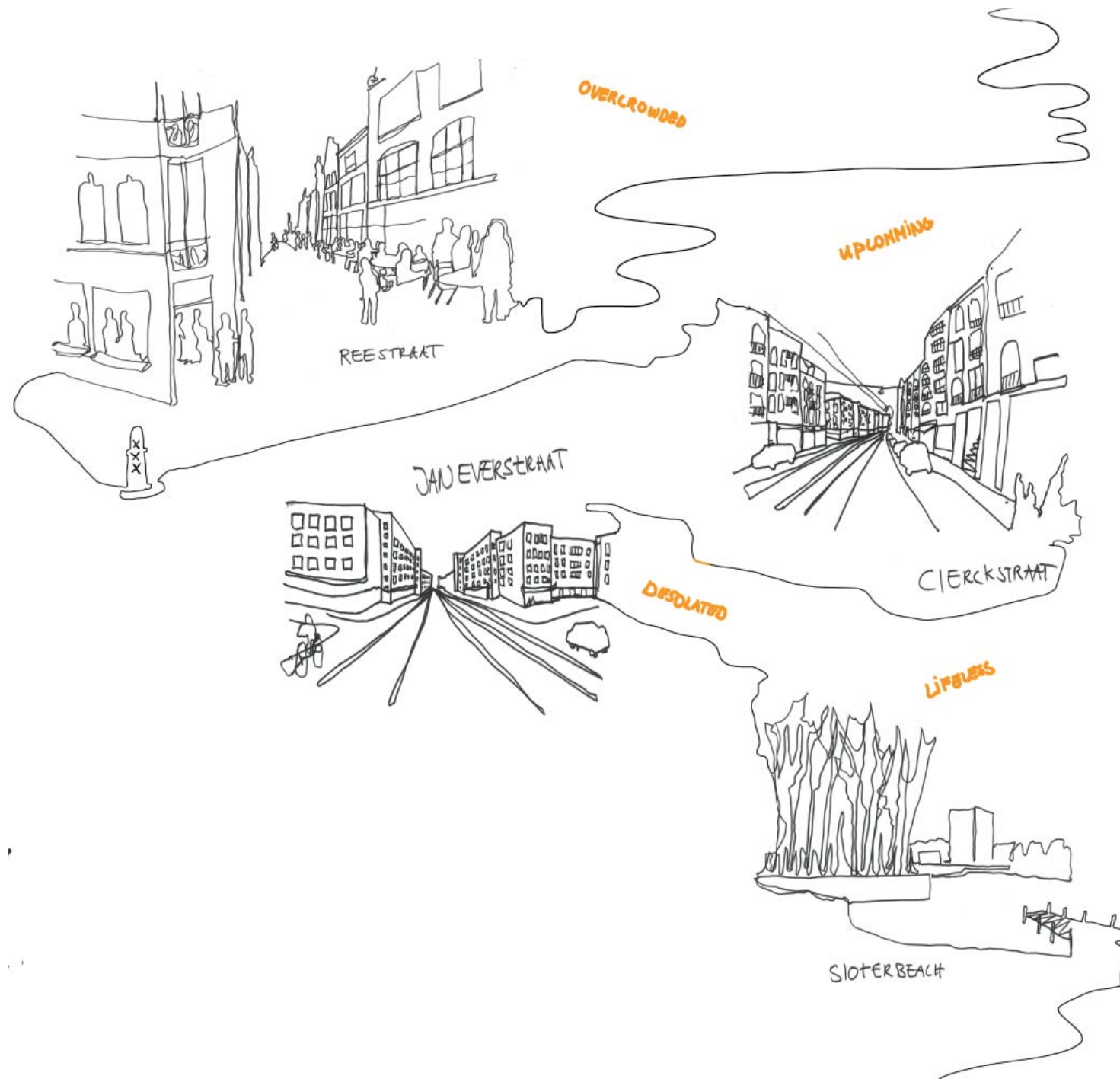
Studio mentor:
Stefan de Koning



2. Idea:
- Combine
 - Routes



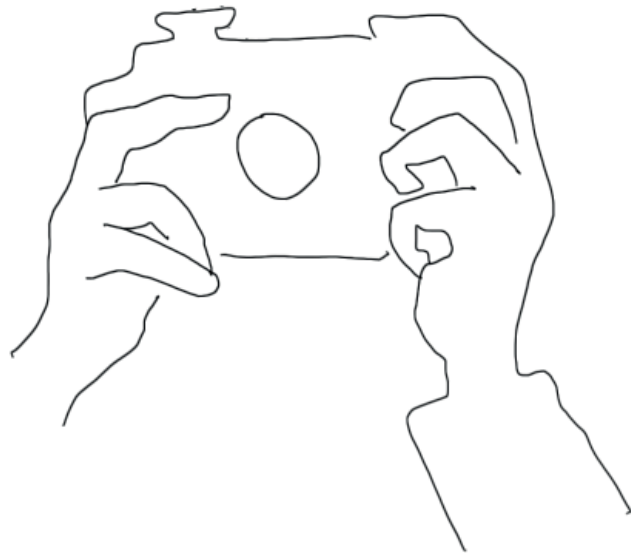
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Route Dam square - Slotermeer

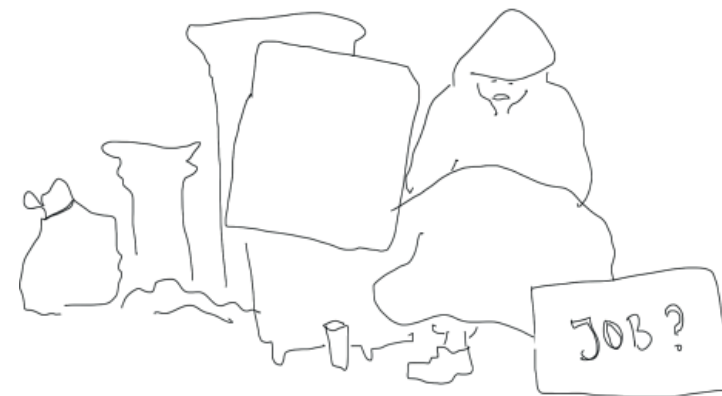
AMSTERDAM

TOURISM DESTROYS INNER CITY

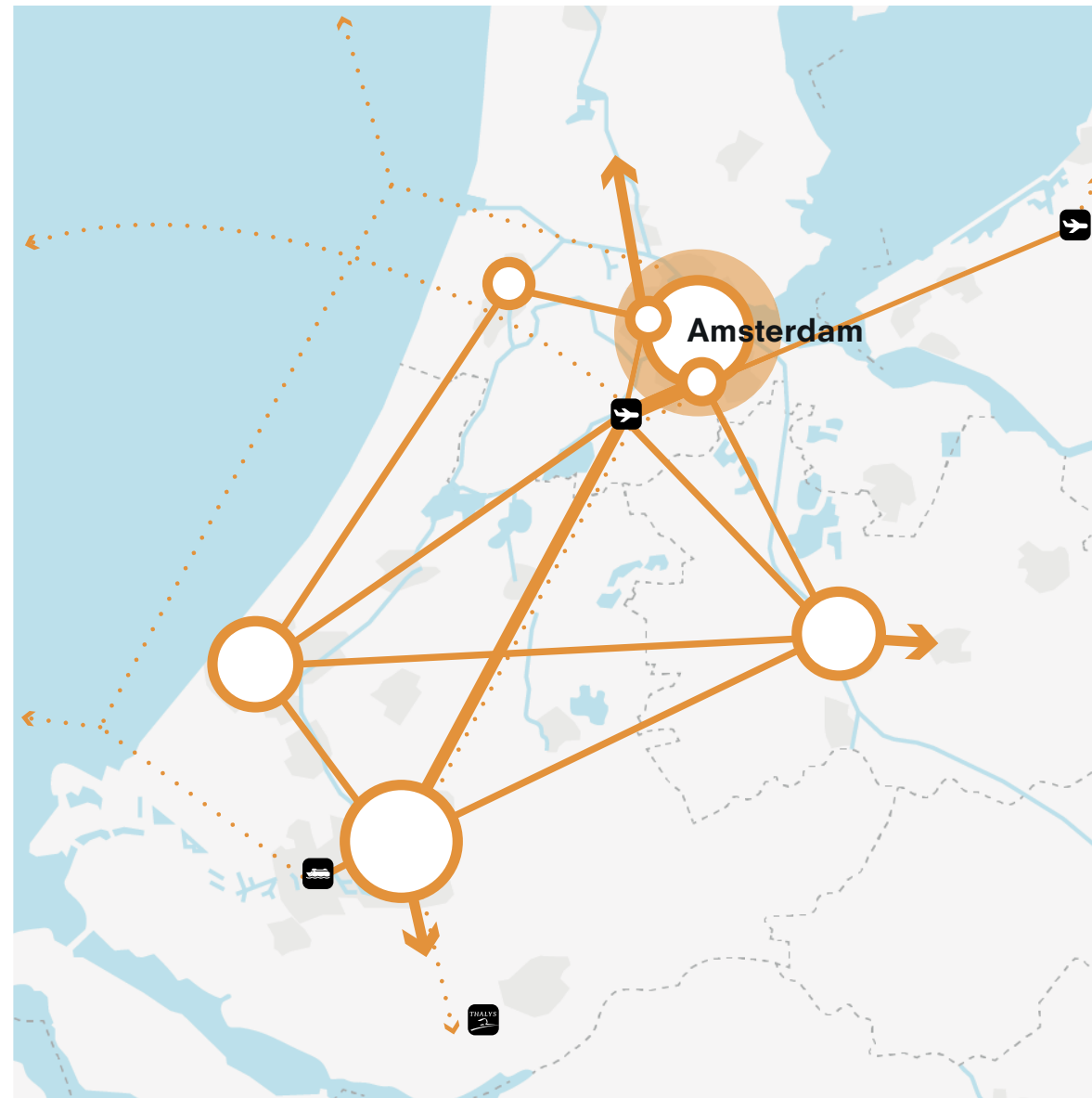


SLOTERDIJK

A PROBLEM AREA,
REINTEGRATION IS NECESSARY



- 1. Site impression
- 1.1 Amsterdam ; Tourism destroys inner city
- 1.2 Sloterdijk; Underdeveloped neighborhood



○ = Randstad Node =  = Local Connection =  = Randstad connection =  = National Connection  = International Connection

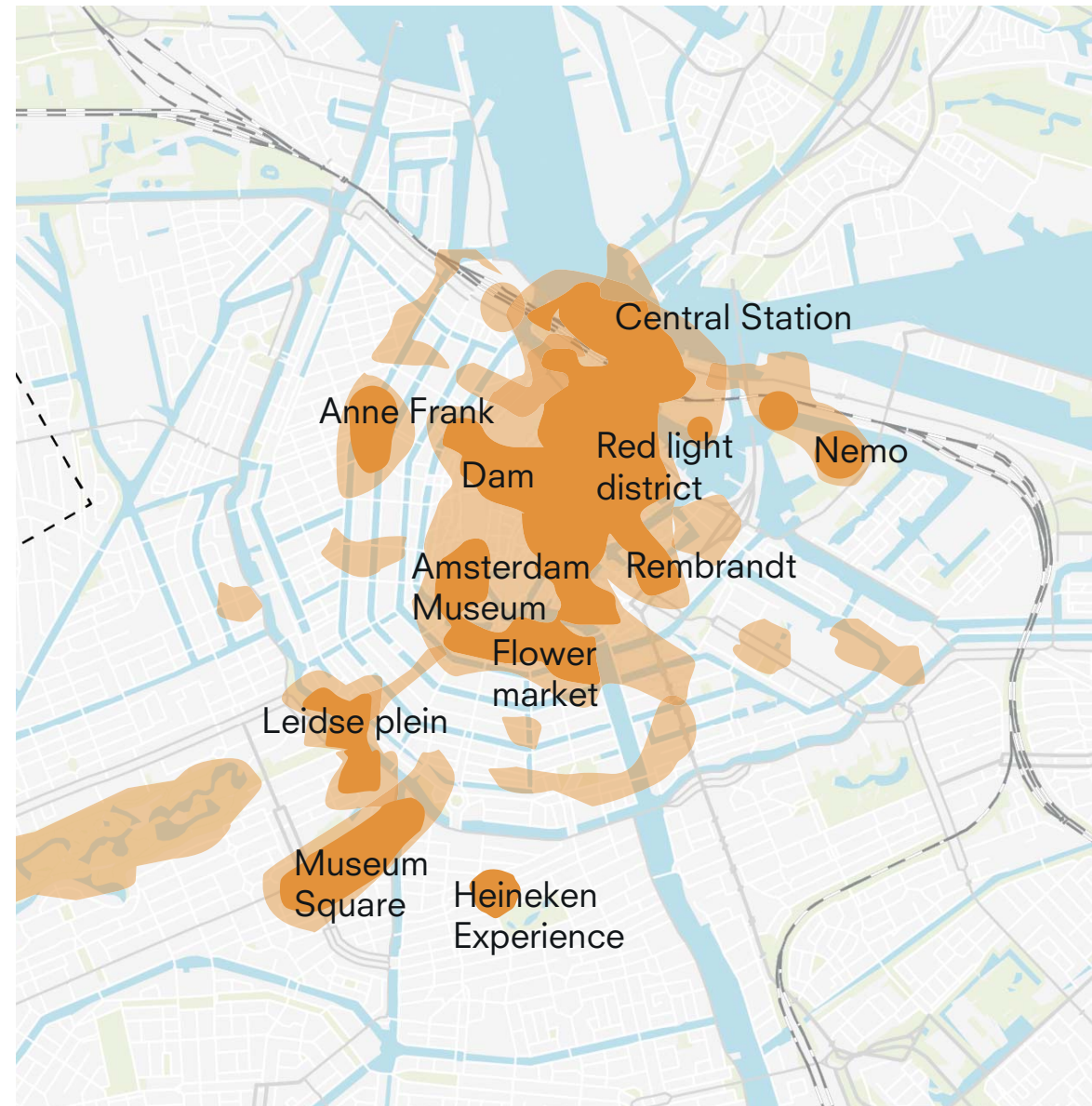
Amsterdam
The motor of the metropolis

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Lots of cultural facilities

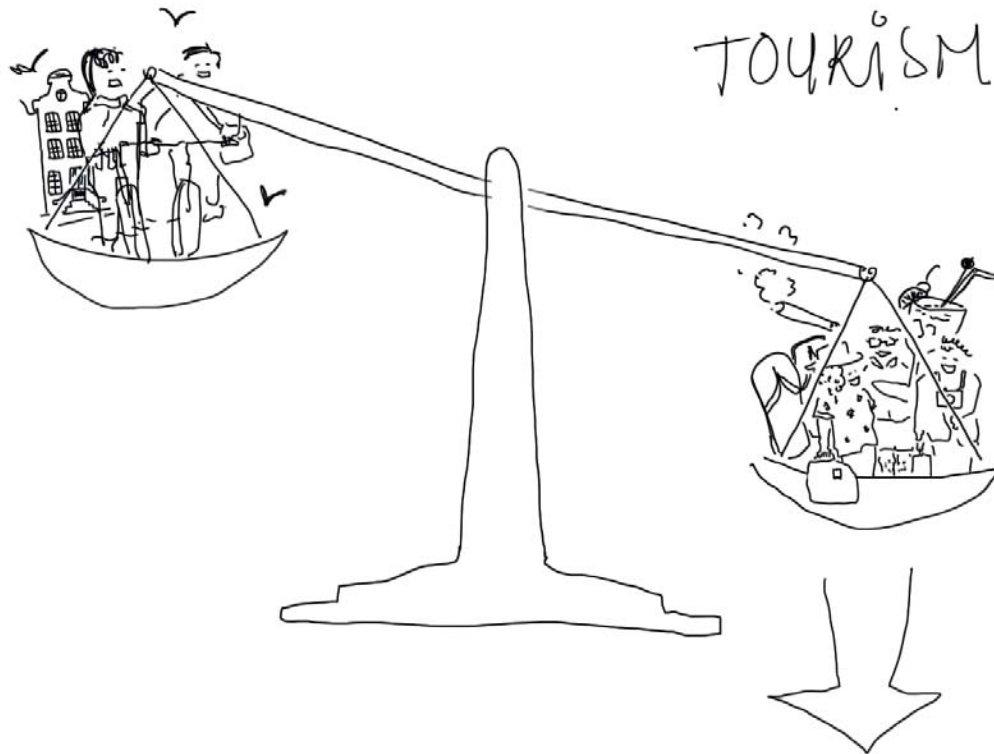
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Overcrowded areas Amsterdam

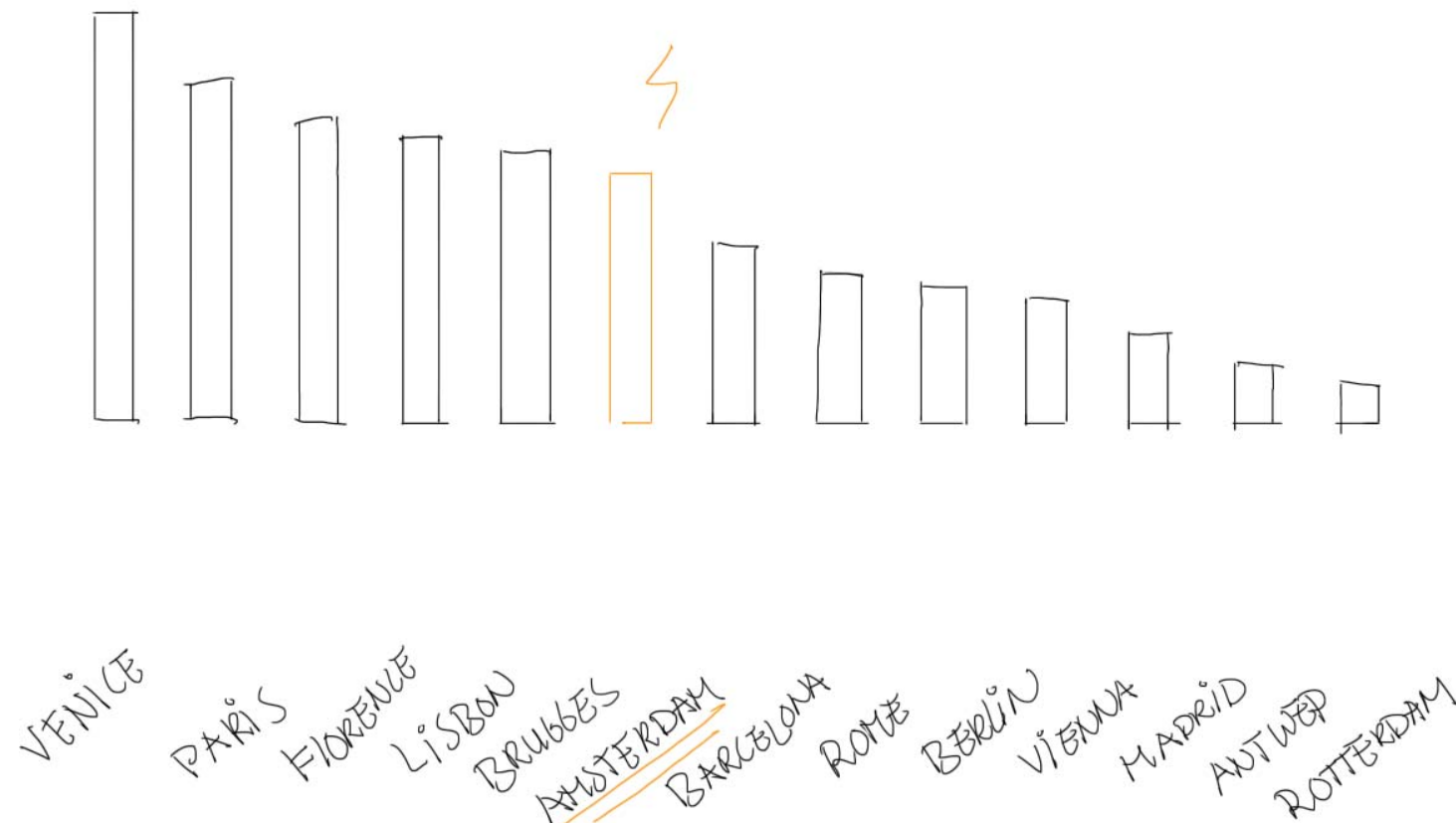
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RESIDENTS



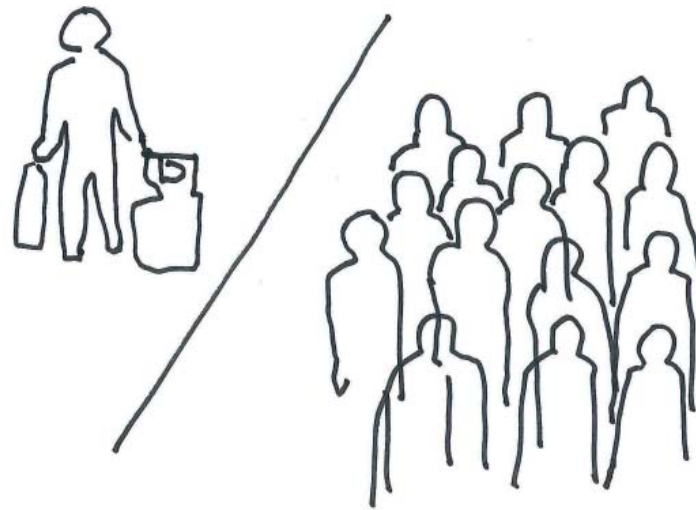
- Disturbed Balance between living, working and recreation
- Overcrowded/expensive: young families leave the city
- Amsterdam will disneyficate

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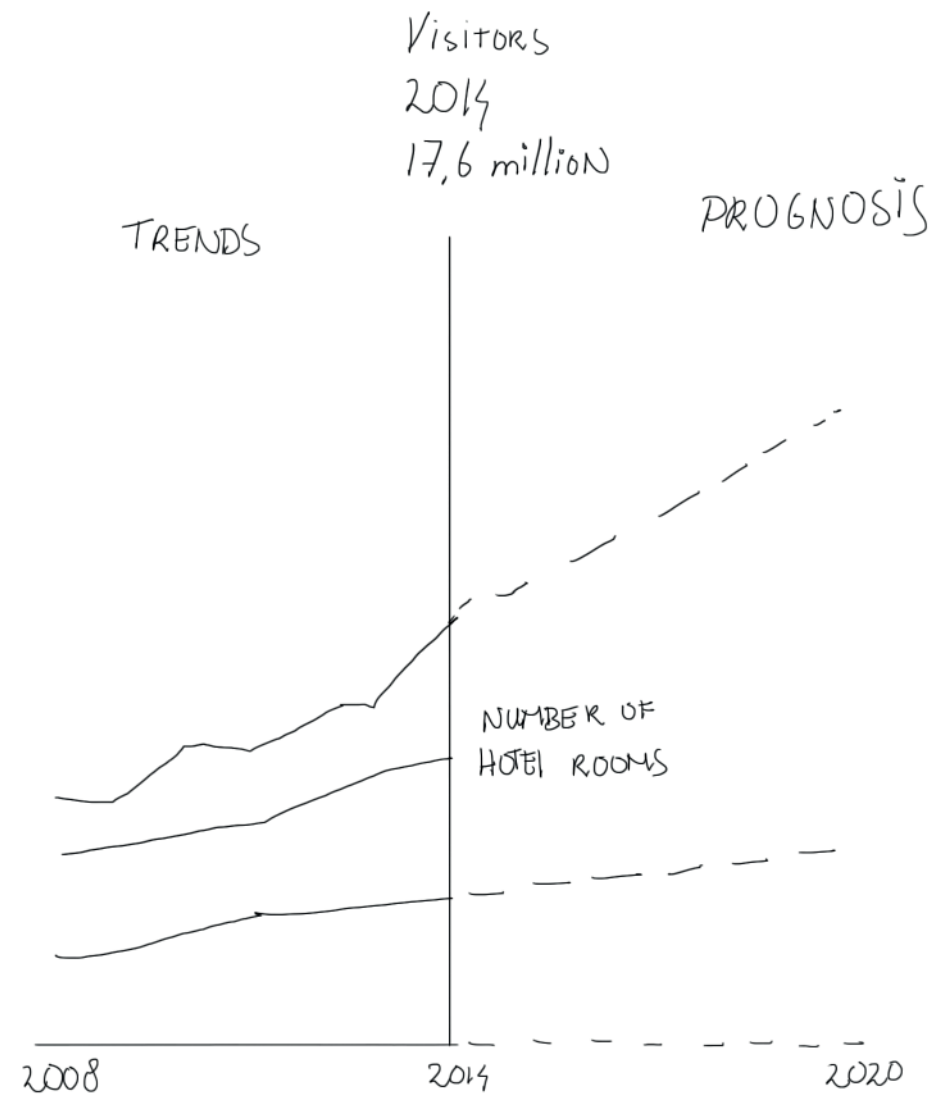
Tourist intensity arrivals per 100 citizens per day

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19/100 Inner city
4/100 Entire Amsterdam

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+10.000.000
registered
overnight visitors
 (based on a average growth of 5-6%)

870.000
Inhabitants Amsterdam
 (Based on demographics prognosis)

428.000
Housing stock
 (ambition plan
 housing based on
 average growth of
 5000 houses a year)

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Reasons for the rapid increase of tourism:



Rise budget flights companies



Expansions of destinations

Online bookings

Online packagedeals



Mobile technologies



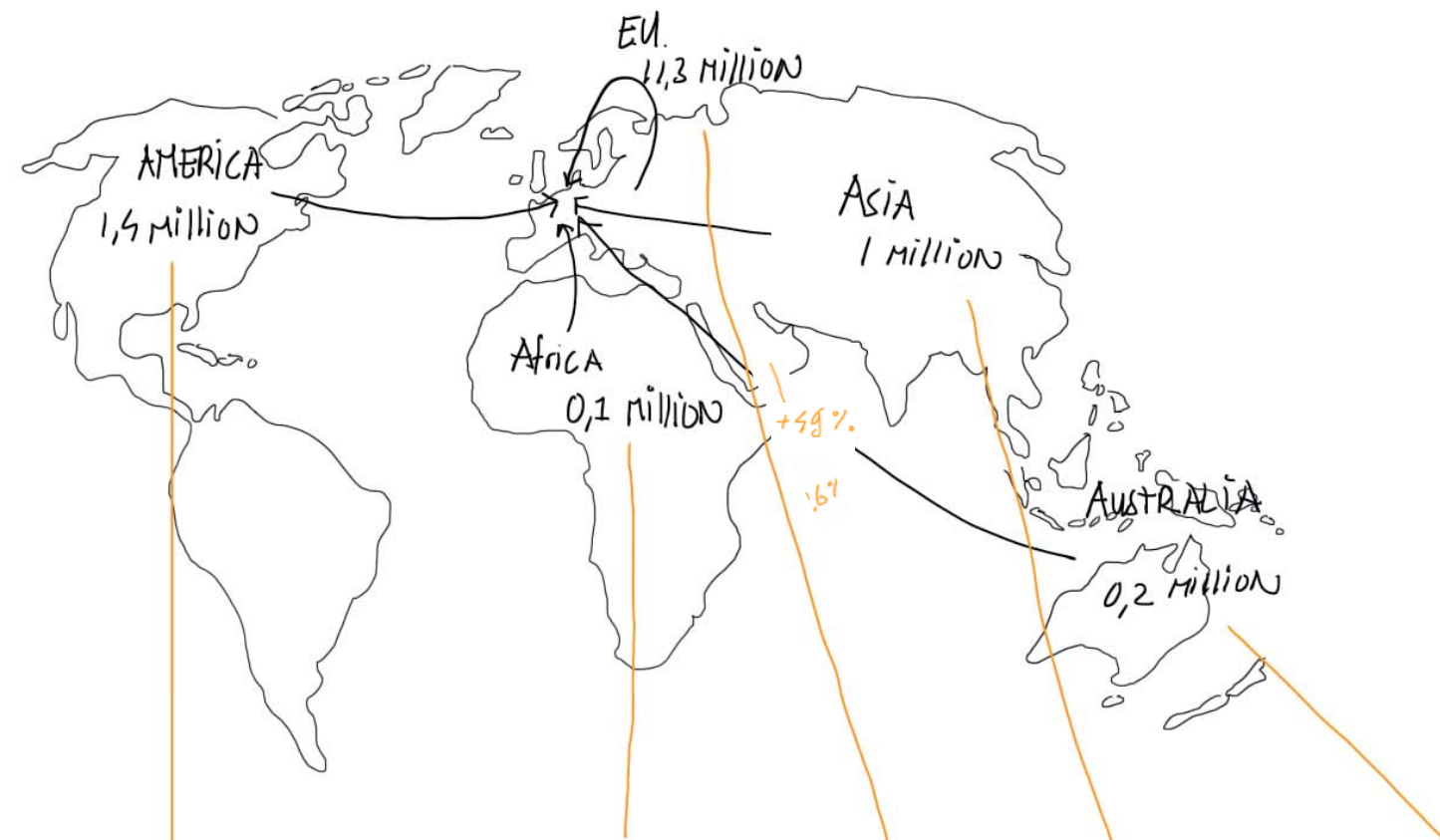
Different role consumer (reviews, focus on experience)



Low oil prices

Higher income

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Origin tourism 2017:
Origin tourism 2050:

1.4 million
+18%

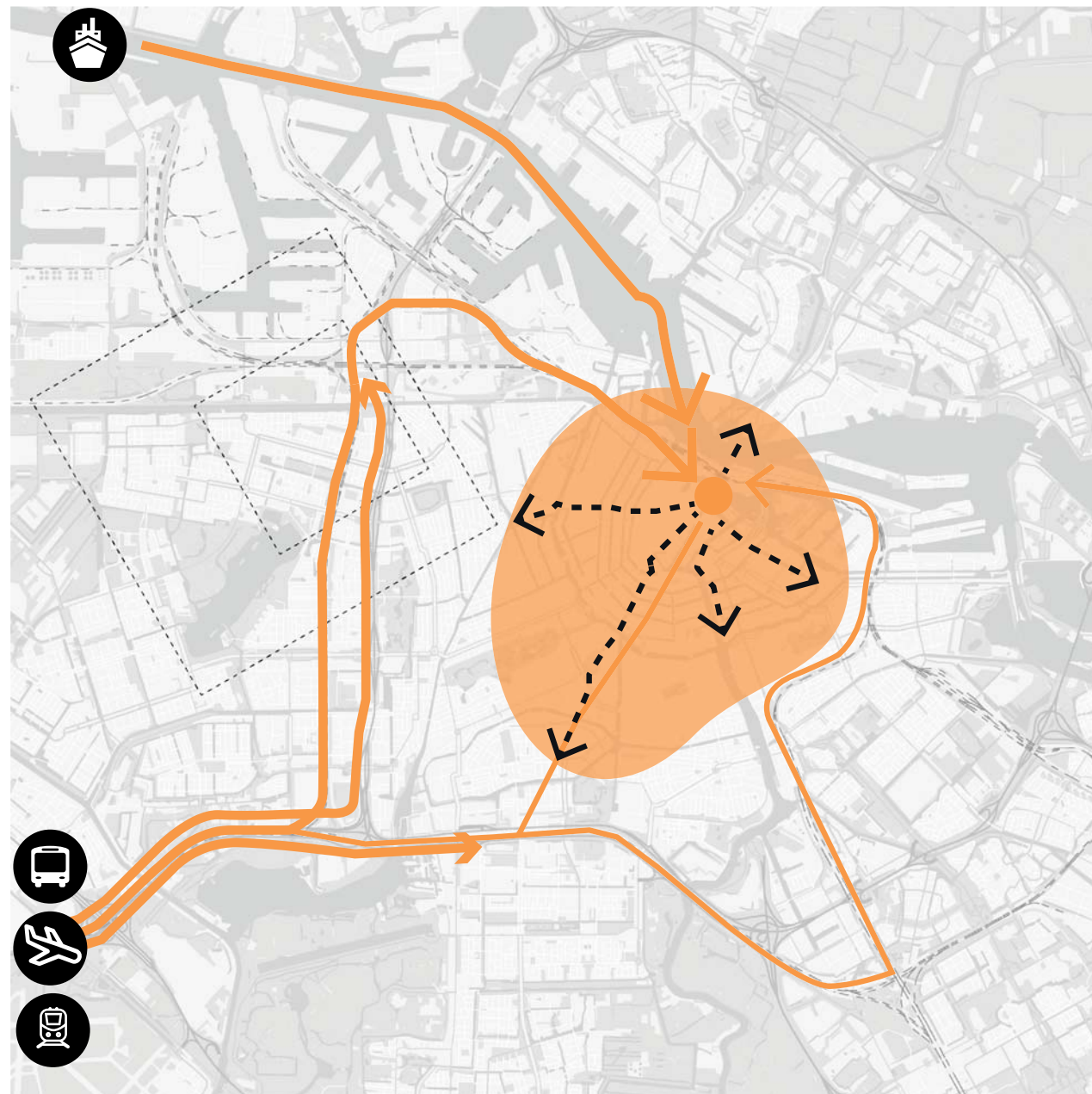
0,1 million
+26%

11.3 million
+41%

1 million
+65%

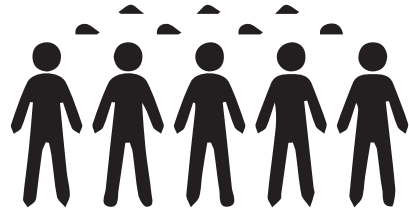
0.2 million
+49%

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2017 Arrival tourism in the city
—1 km ↑

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Amsterdam is not the busiest in the summer



The average tourist first visits a museum before doing other activities

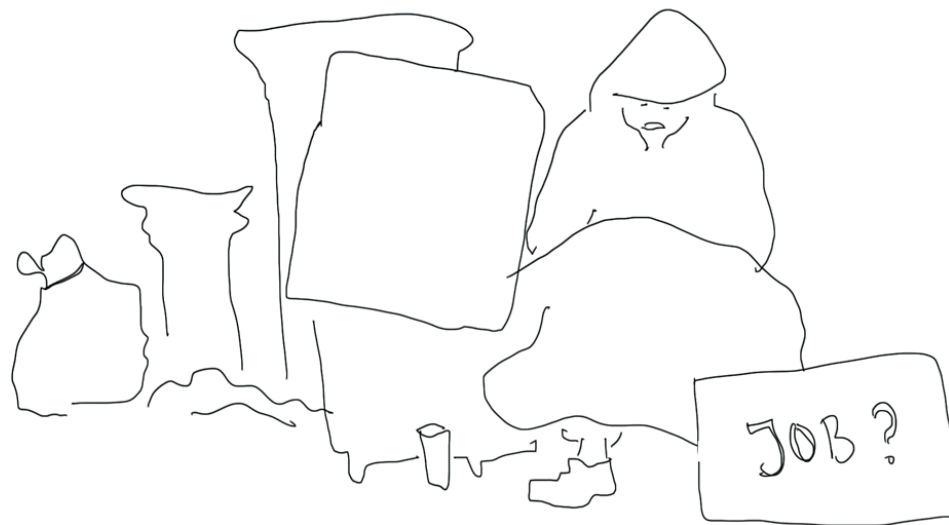


In the morning the city is mainly caused by frequent users of the city, in the afternoon the tourist join

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SLOTERDIJK

A PROBLEM AREA,
REINTEGRATION IS NECESSARY





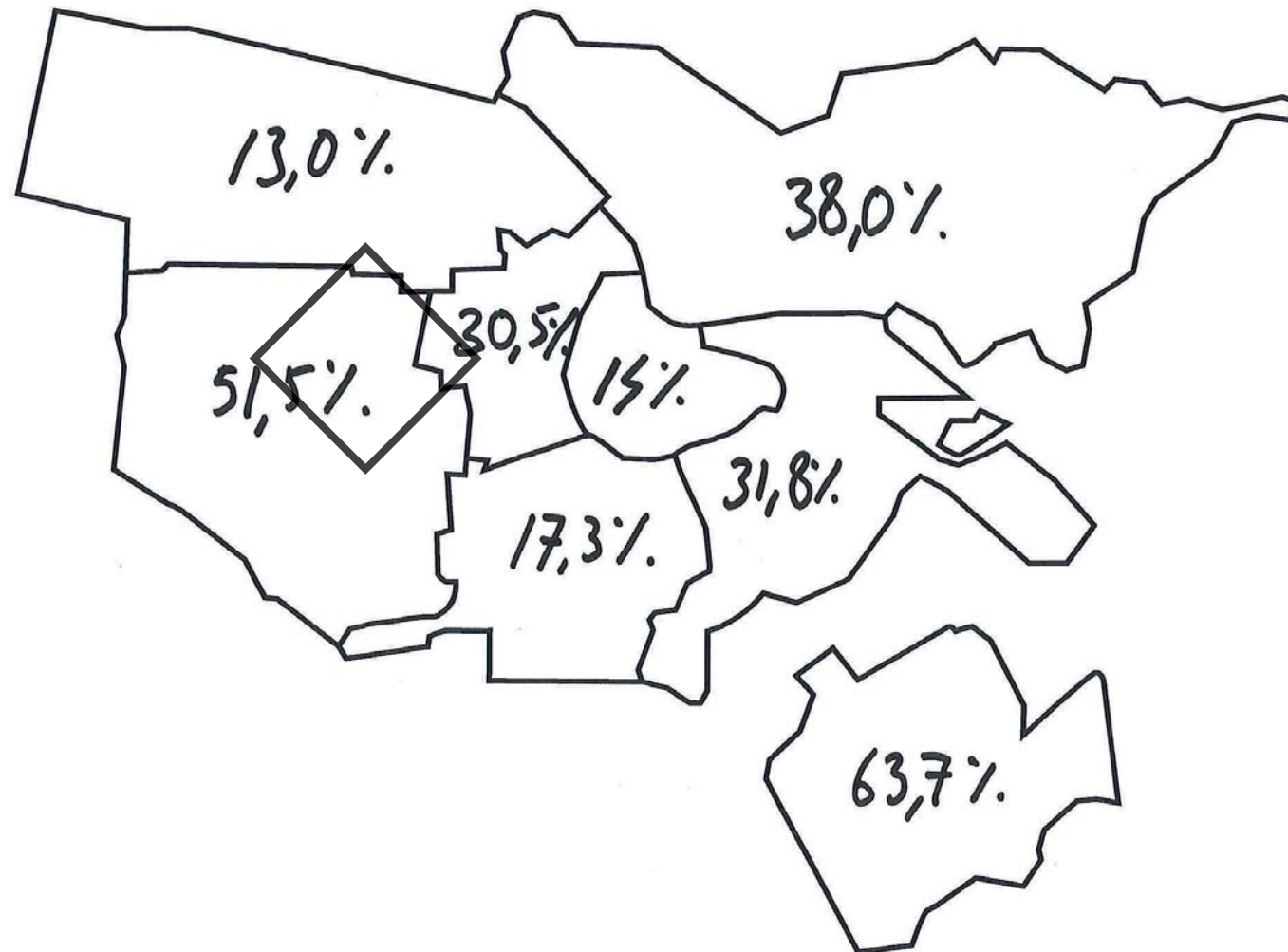
Non western immigrants

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* IT'S HARD TO
FIND A JOB
FOR NON
WESTERN
IMMIGRANTS

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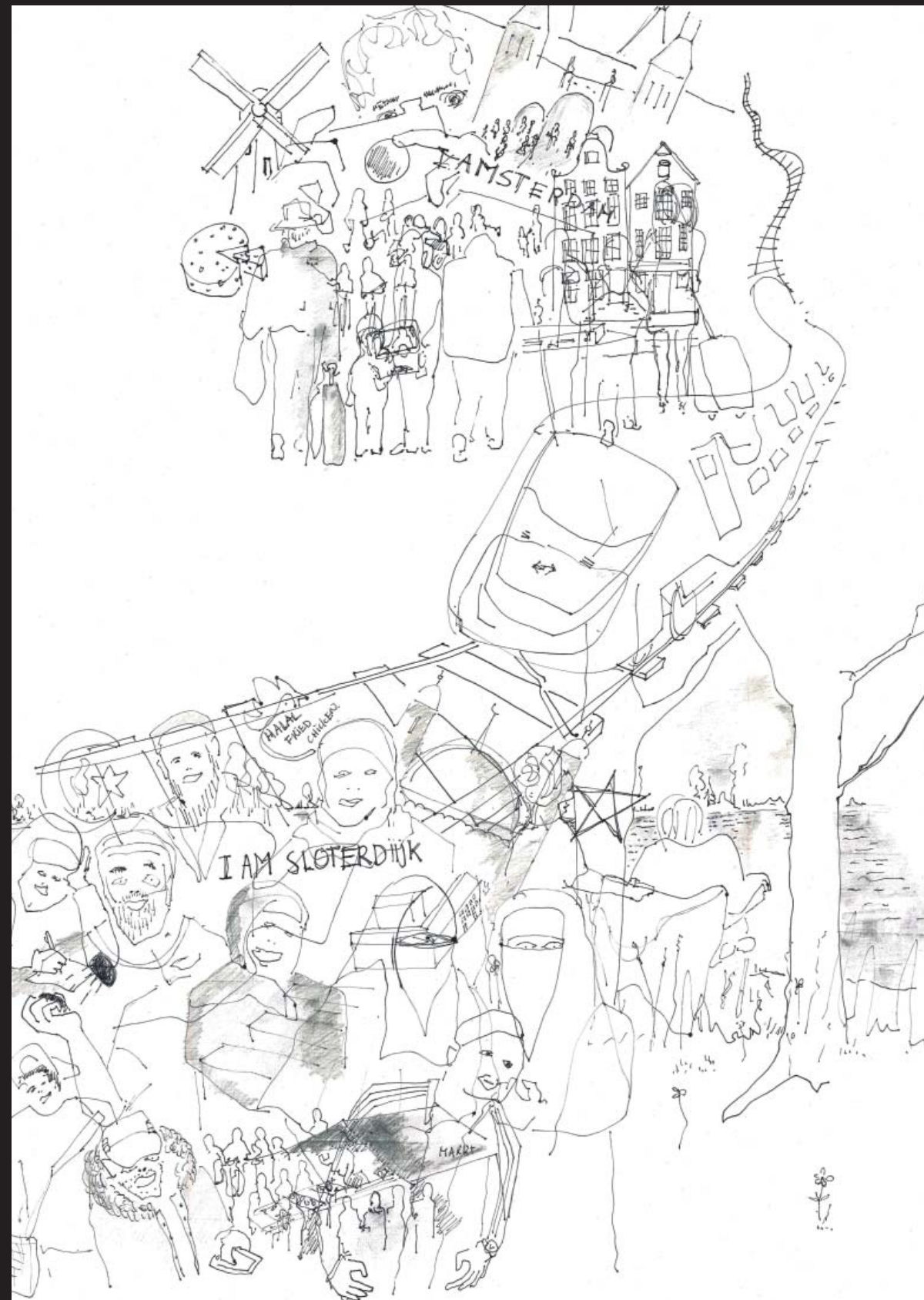


Unemployment benefits (WWB)

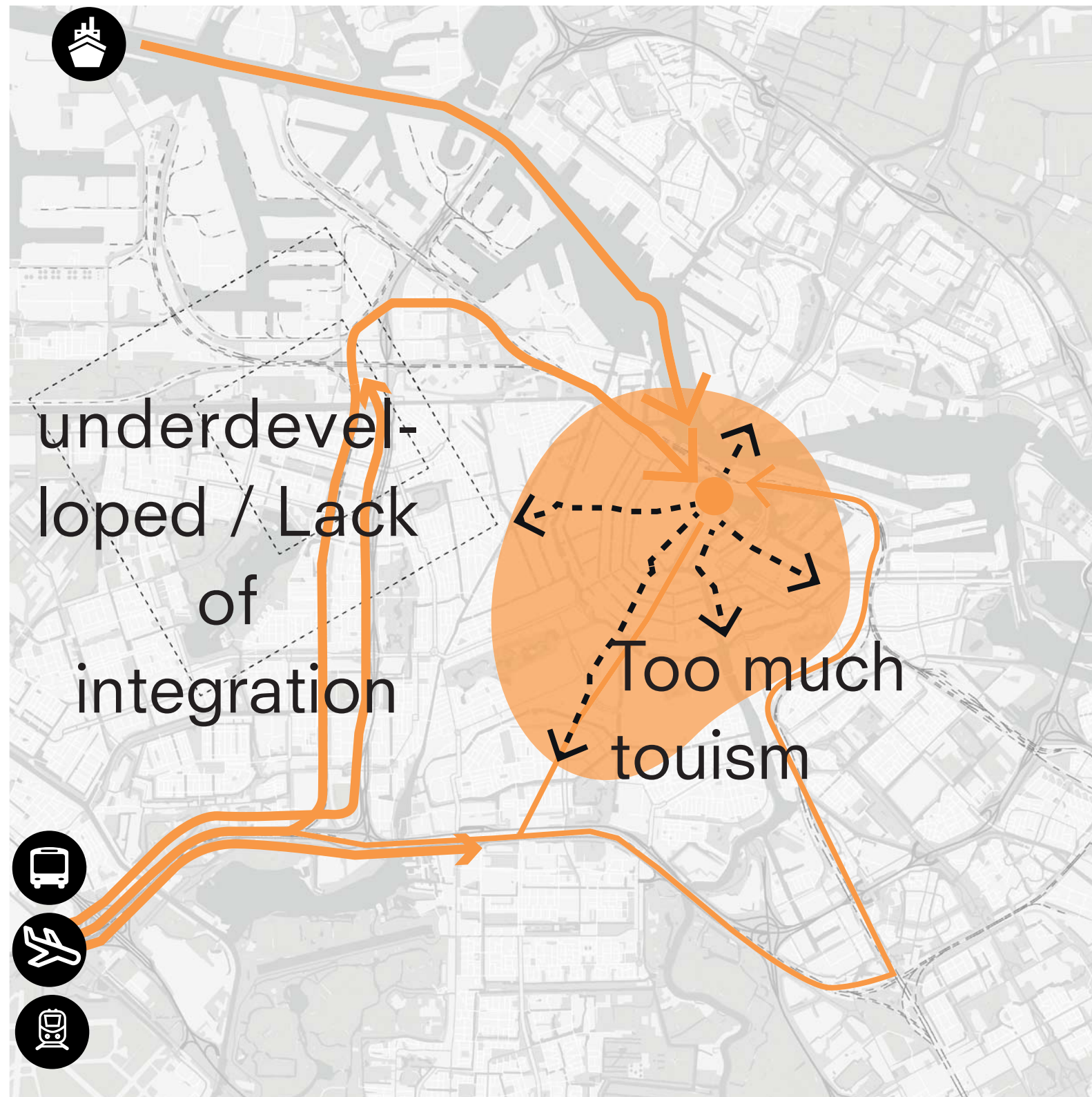
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✱ CIRCULATION OF
ANTI GAY FLYERS
IN NEIGHBORHOOD
SLOTERDIJK





2. Idea:
- Combine both worlds



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- Combine both worlds



The average tourist first visits a museum before doing other activities

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10 % of the total
employees are
employed in the
tourist sector

2. Idea:
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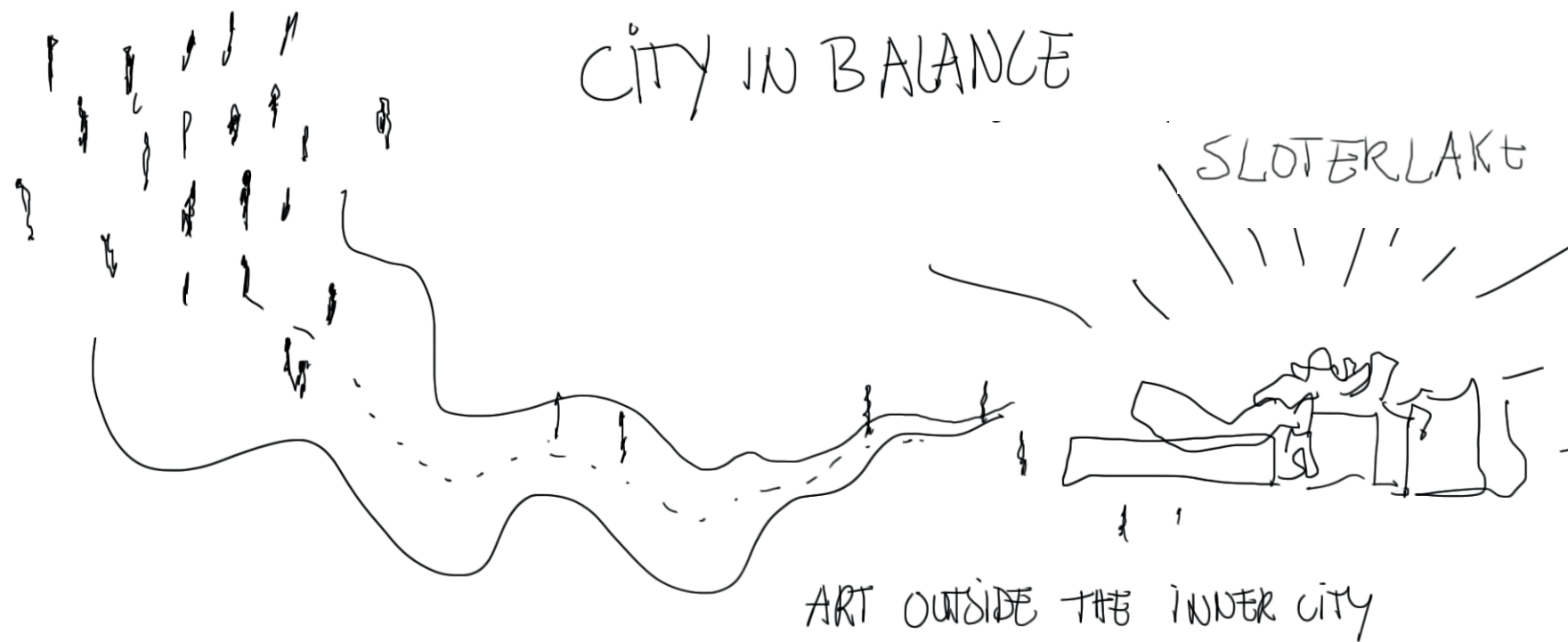
Art and culture
contribute to social
connections

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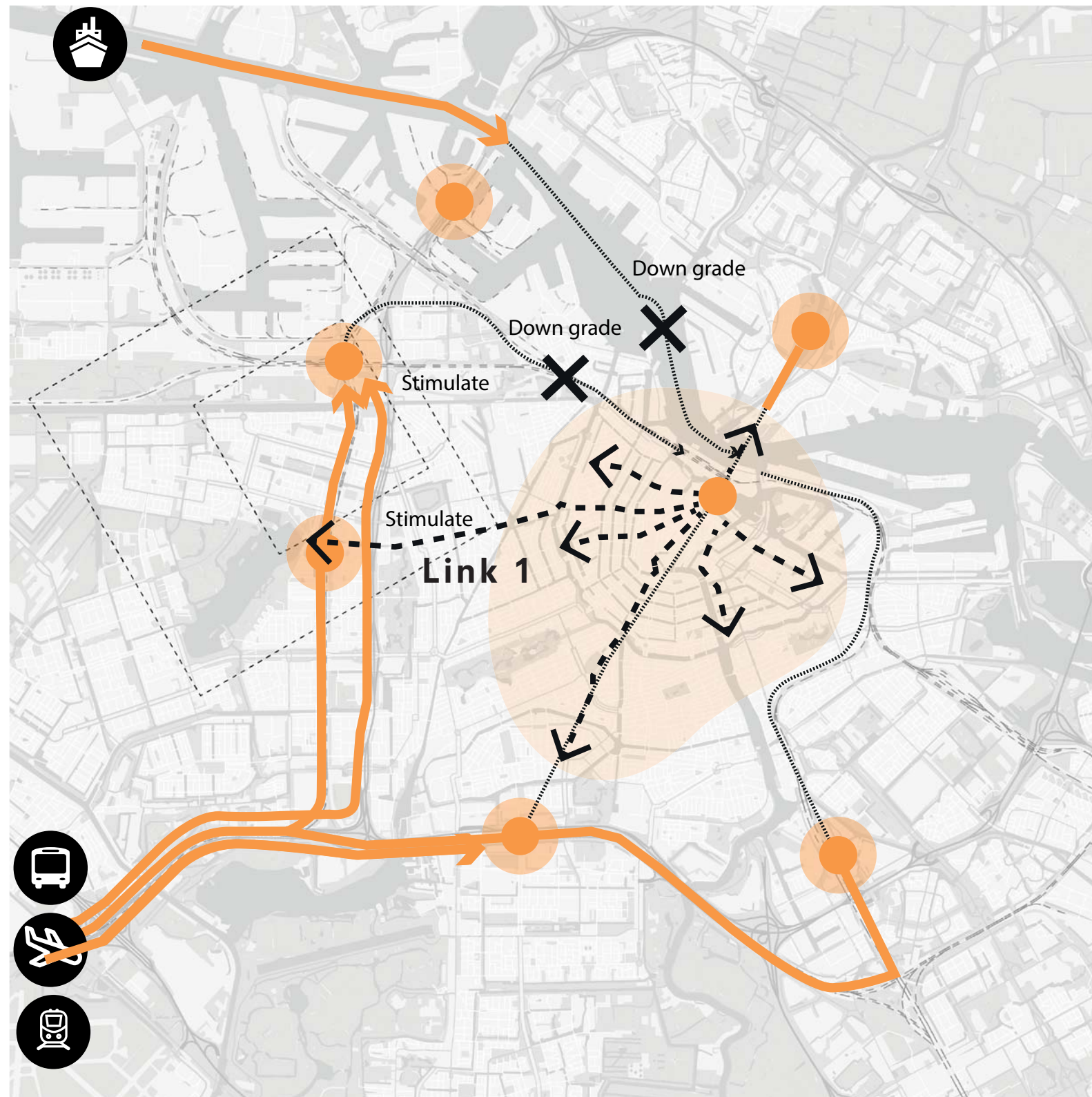


Art educates

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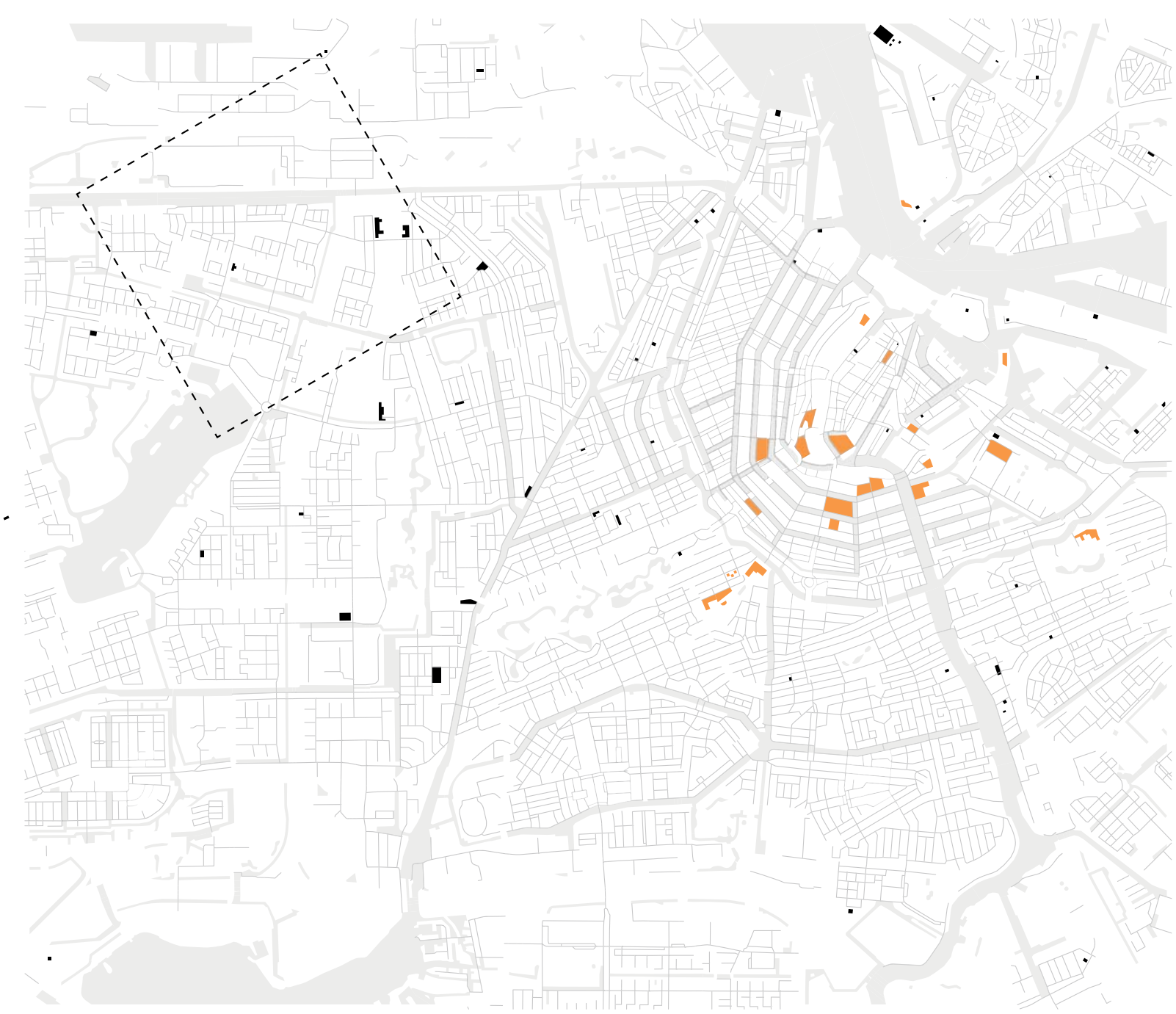


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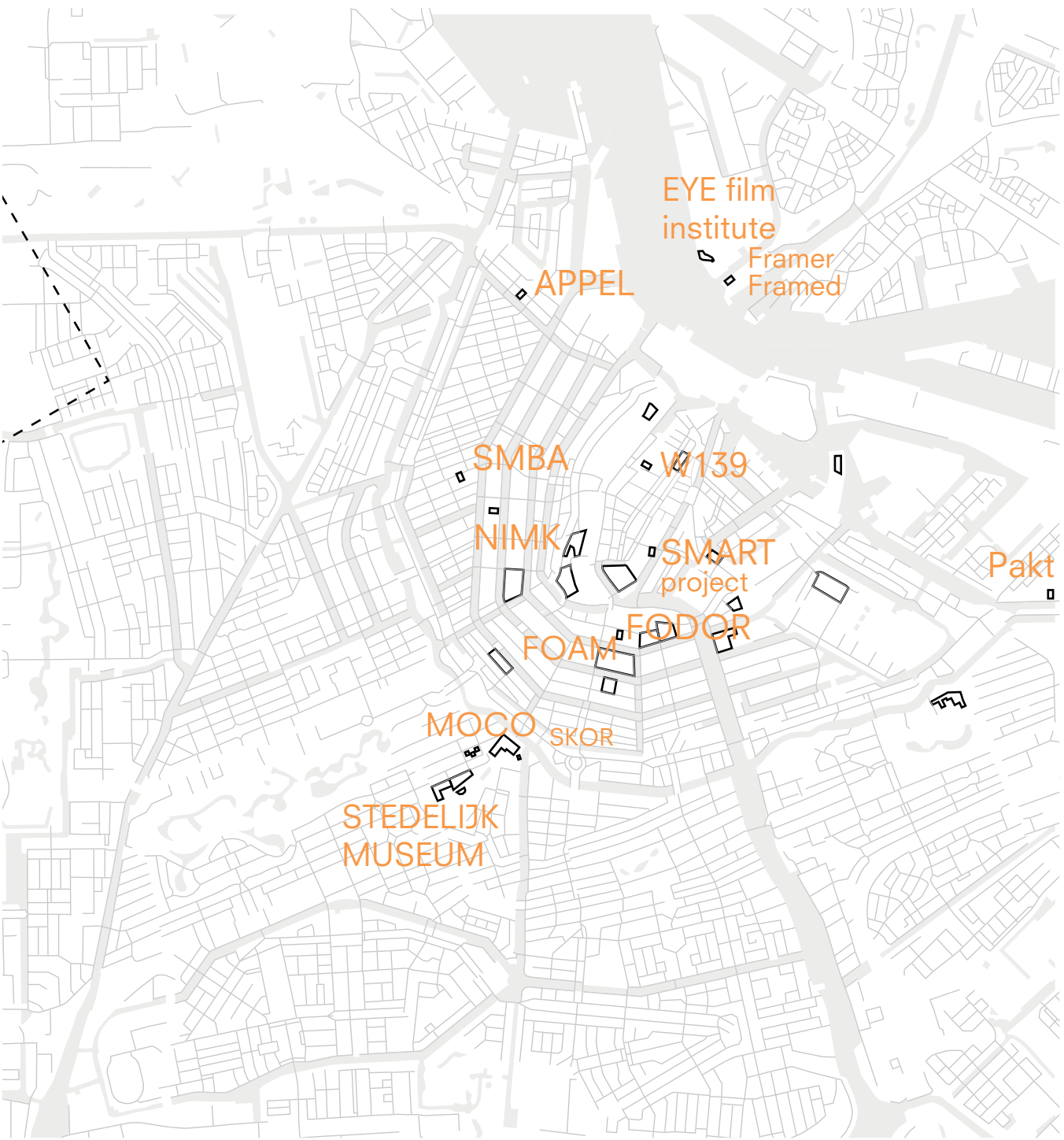


groups vision
— 1 km — ↑

Research question:
To what extent can Sloterdijk add to
the issues of the current art scene in
Amsterdam?



■ studios ■ museums
— 1 km ↑

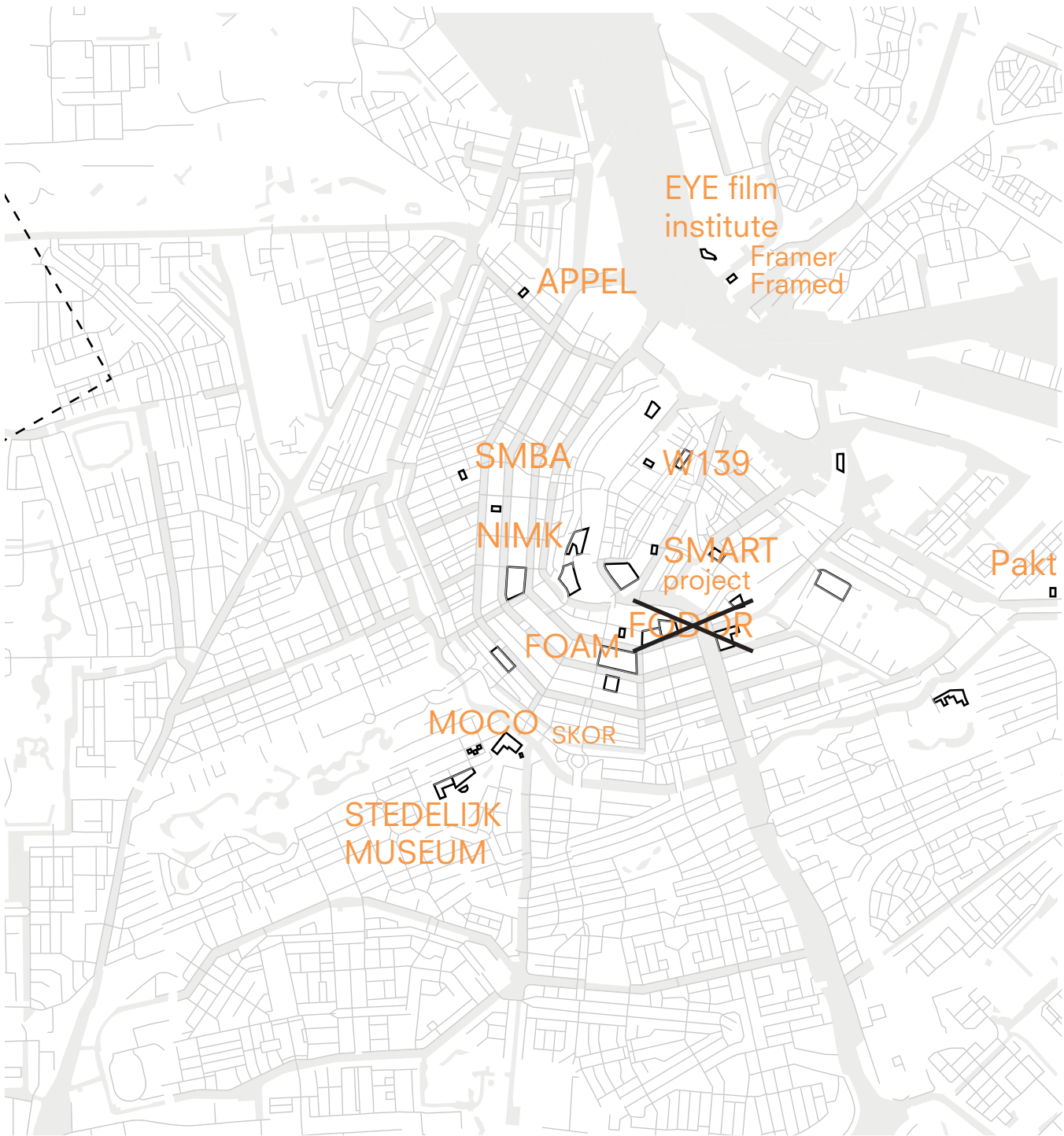


Dissapearing middle segment
1 km ↑

FODOR: 1863 - 1993

Closed because:
Lost its funding from the city of Amsterdam.

Future: SMBA



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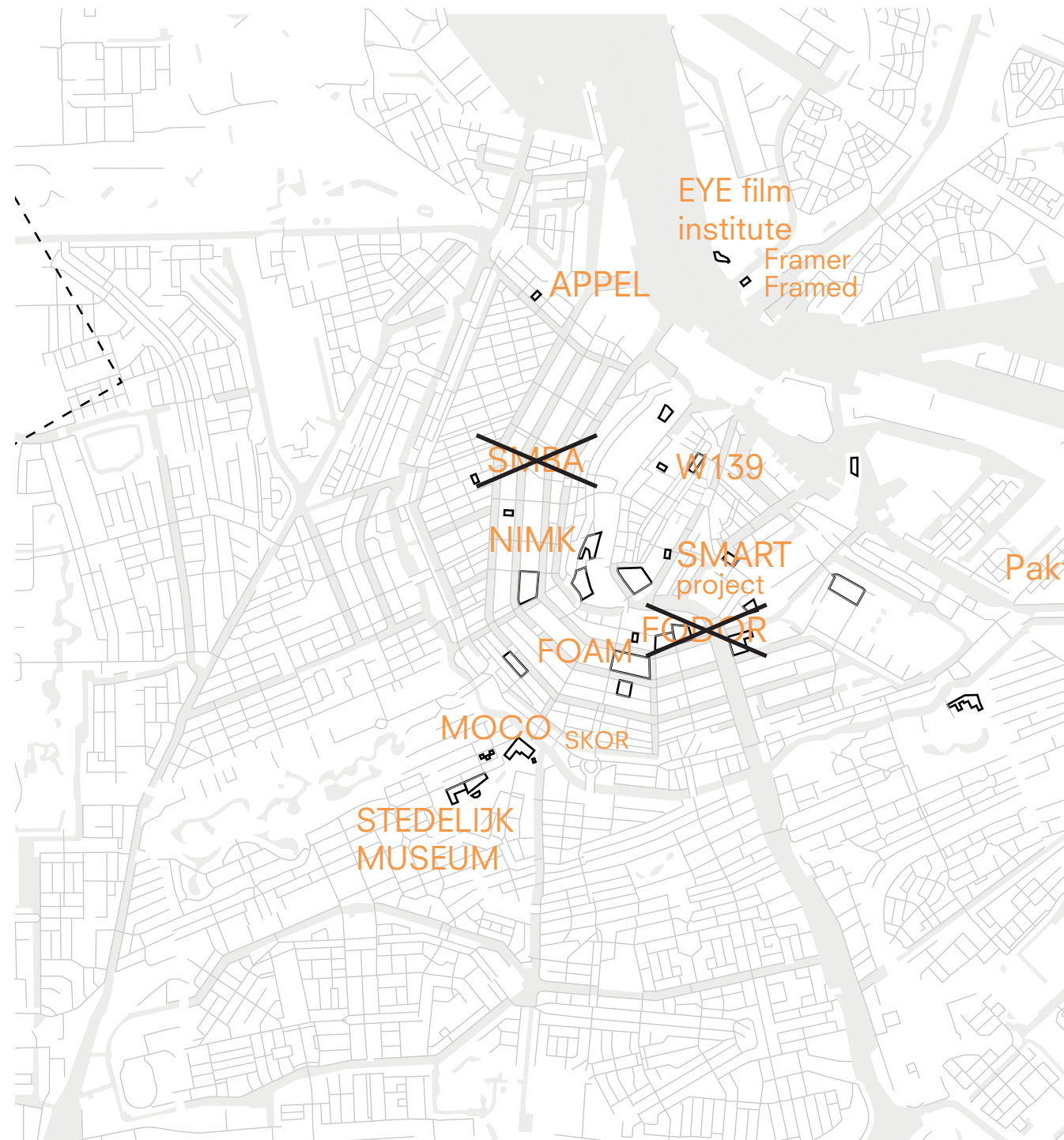
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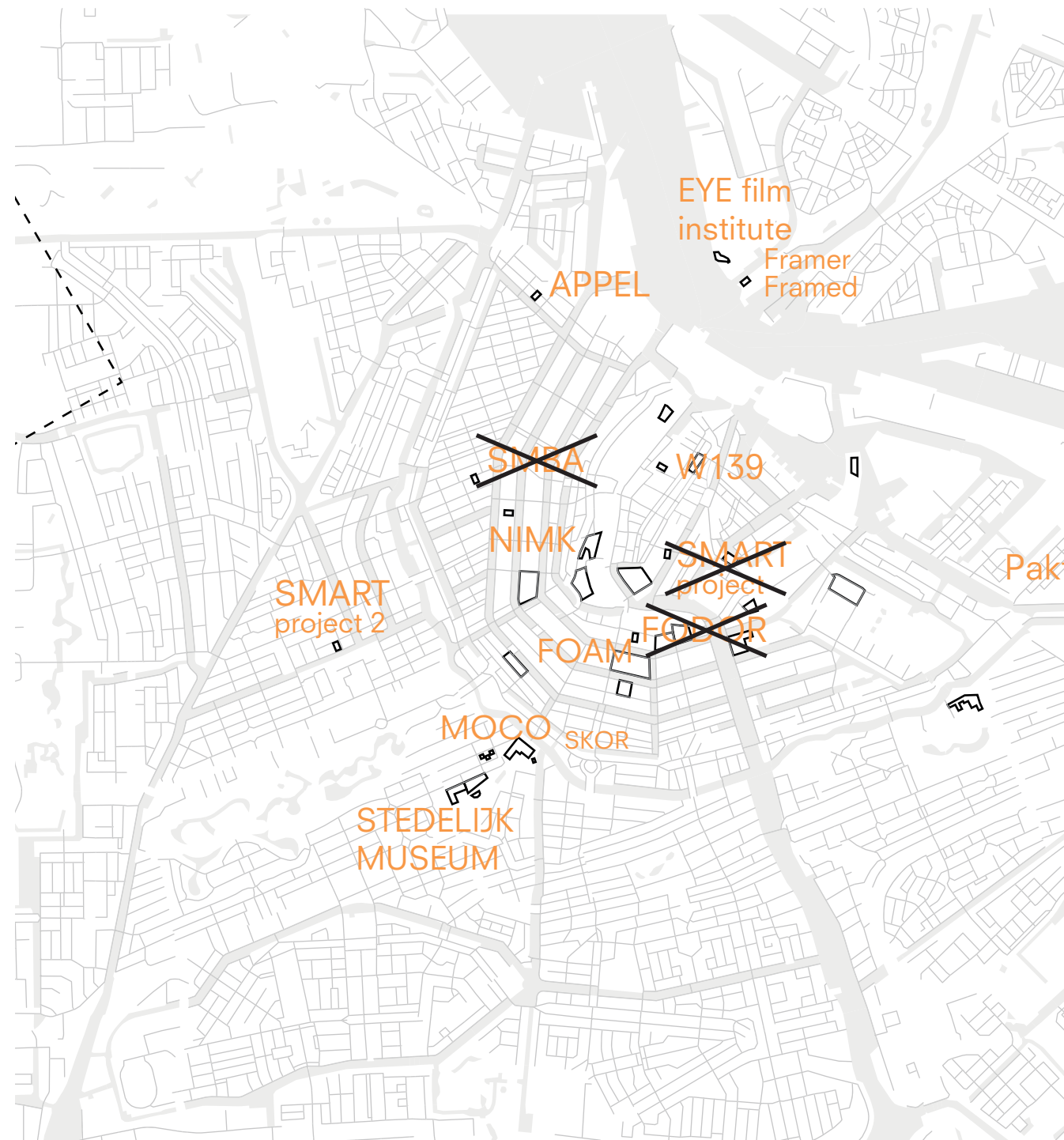
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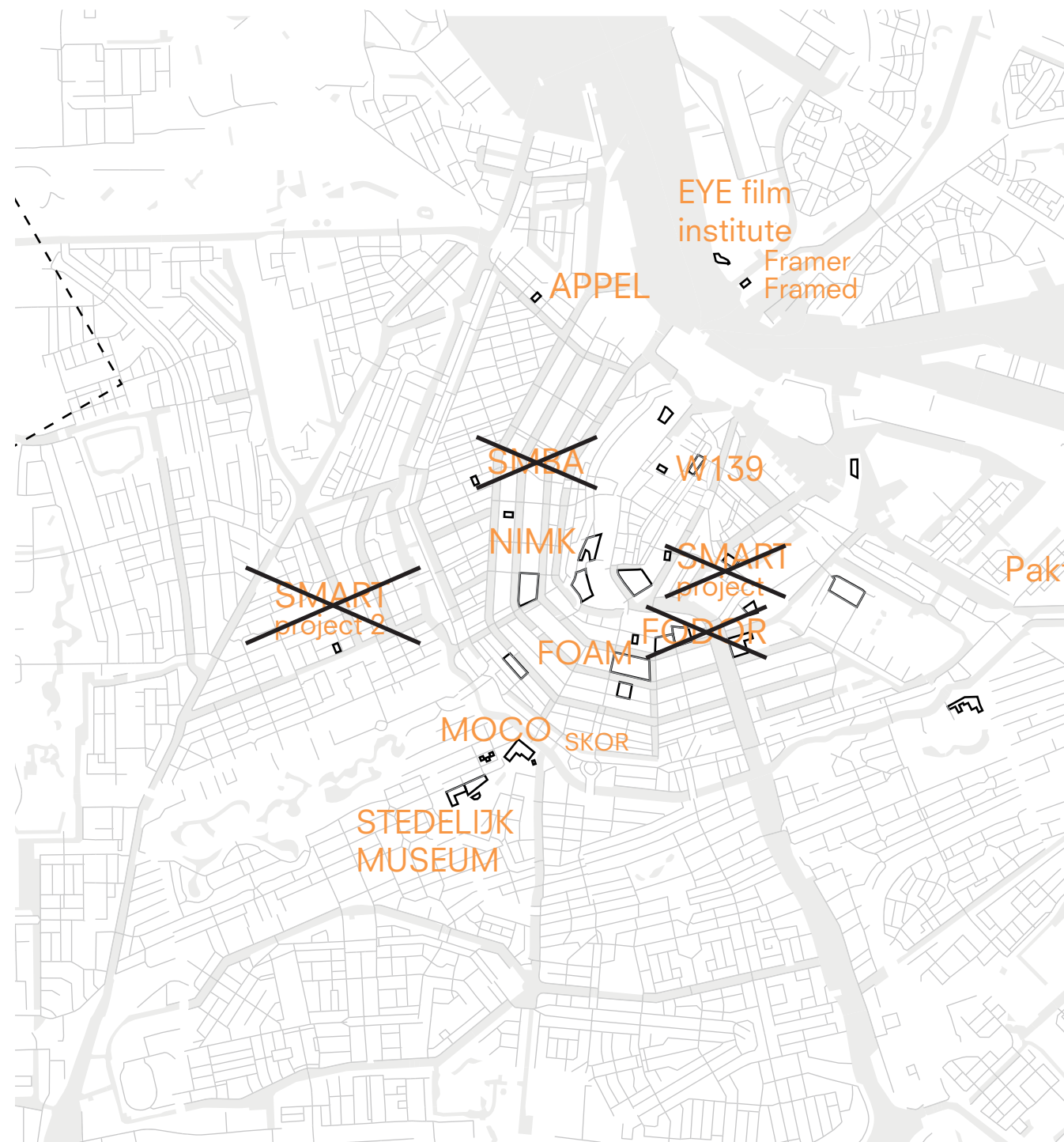
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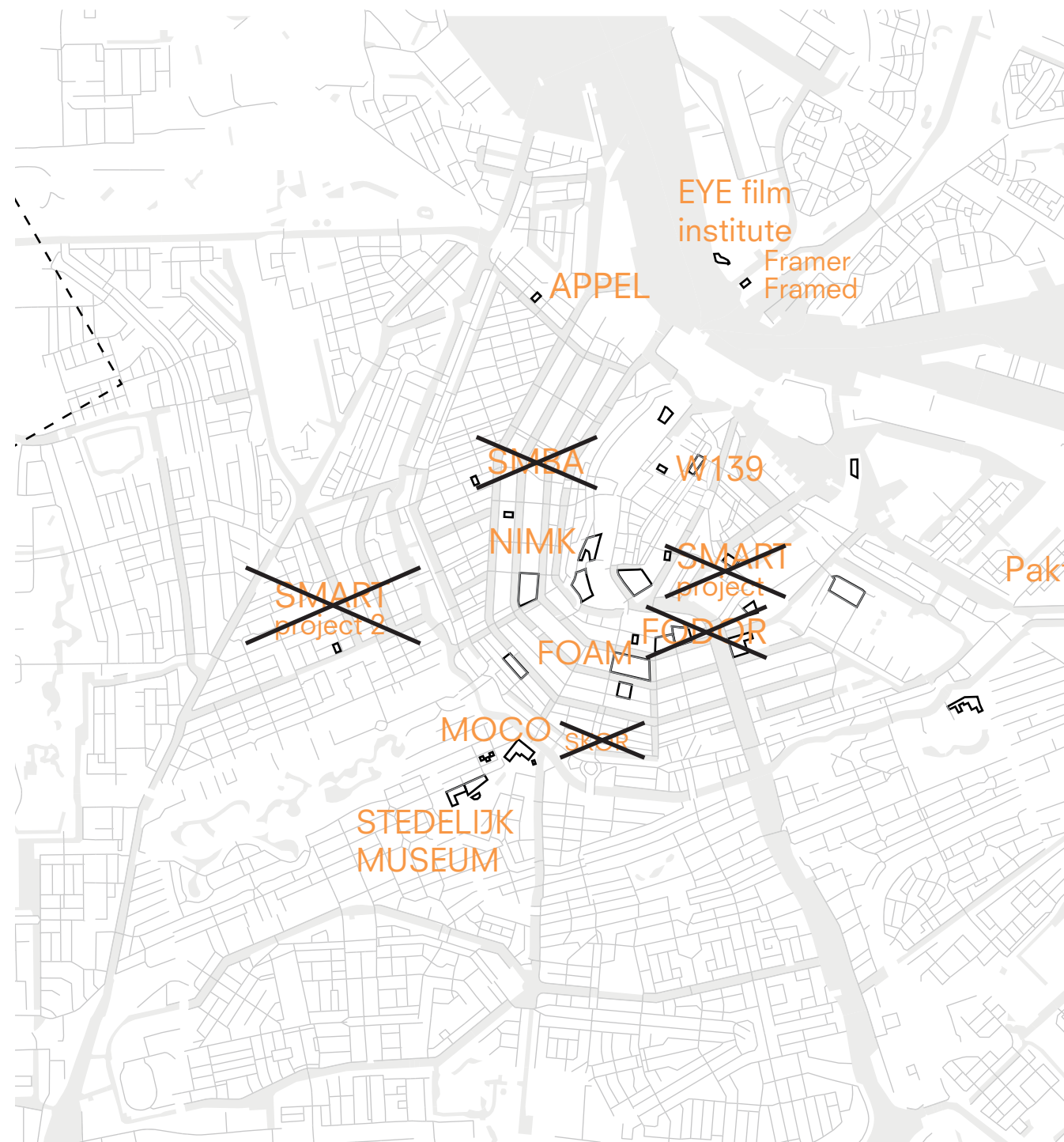
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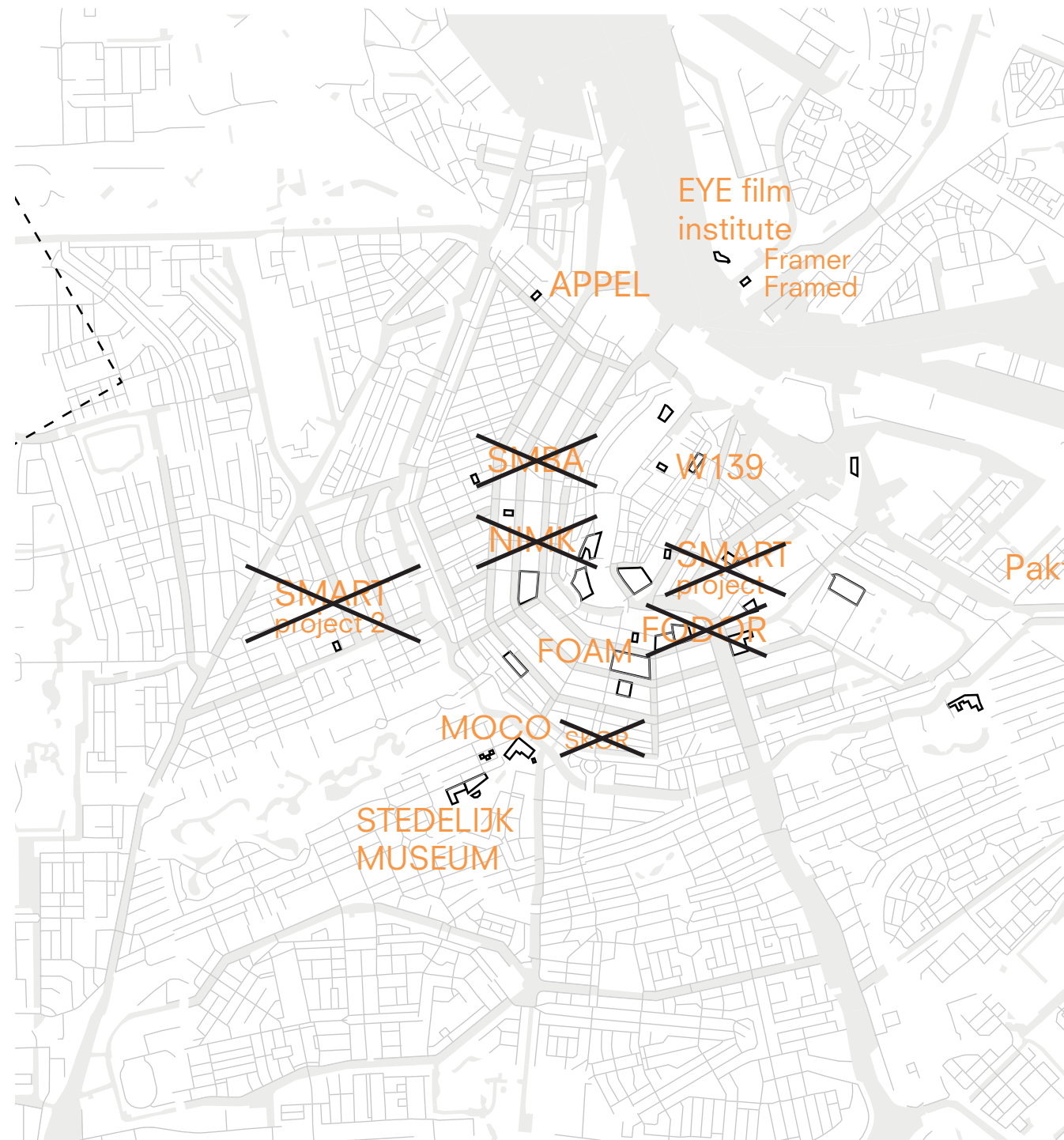
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NIMK: 1978 - 2012

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Digital future under new name LIMA

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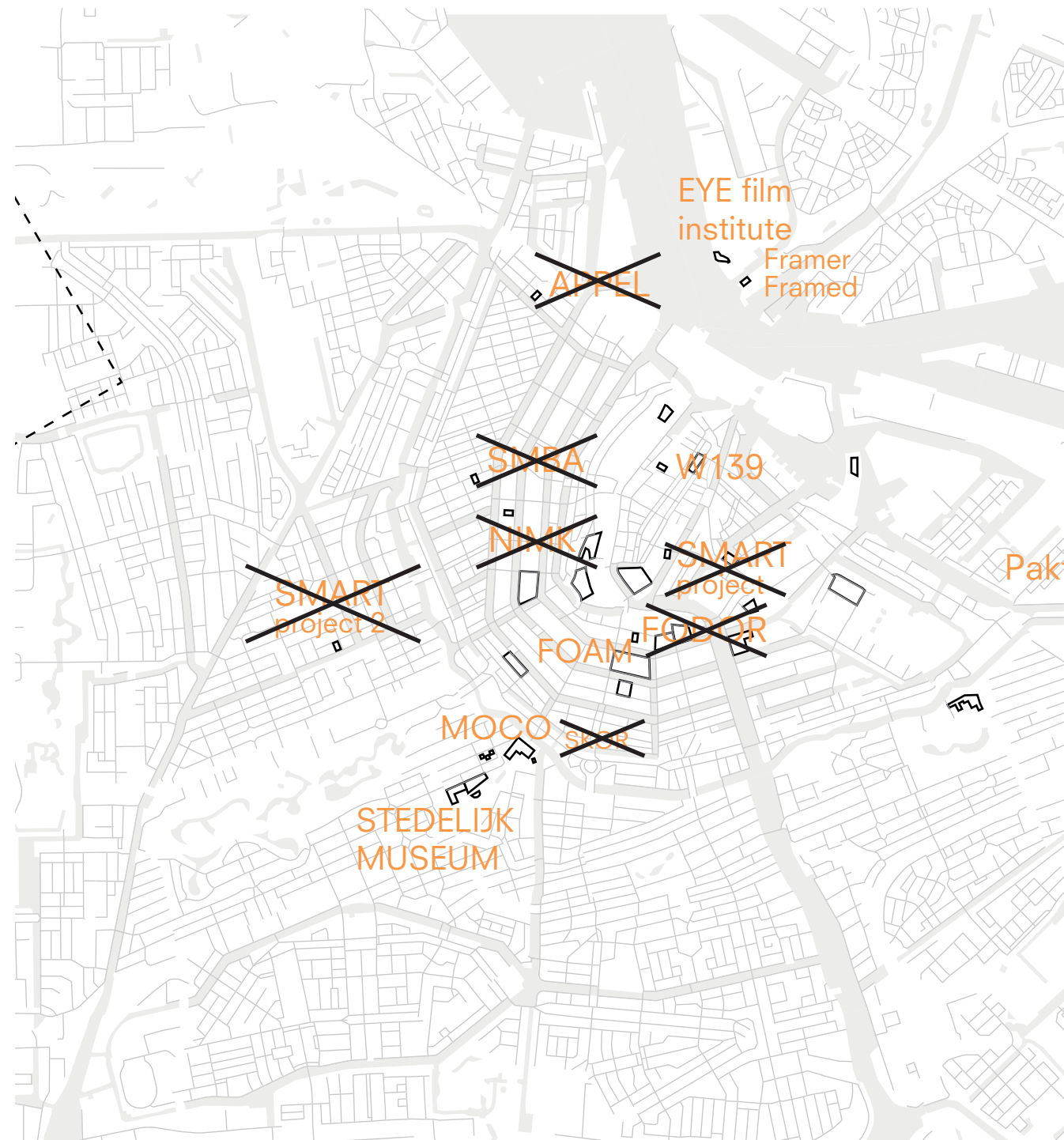
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Future:

Financial troubles

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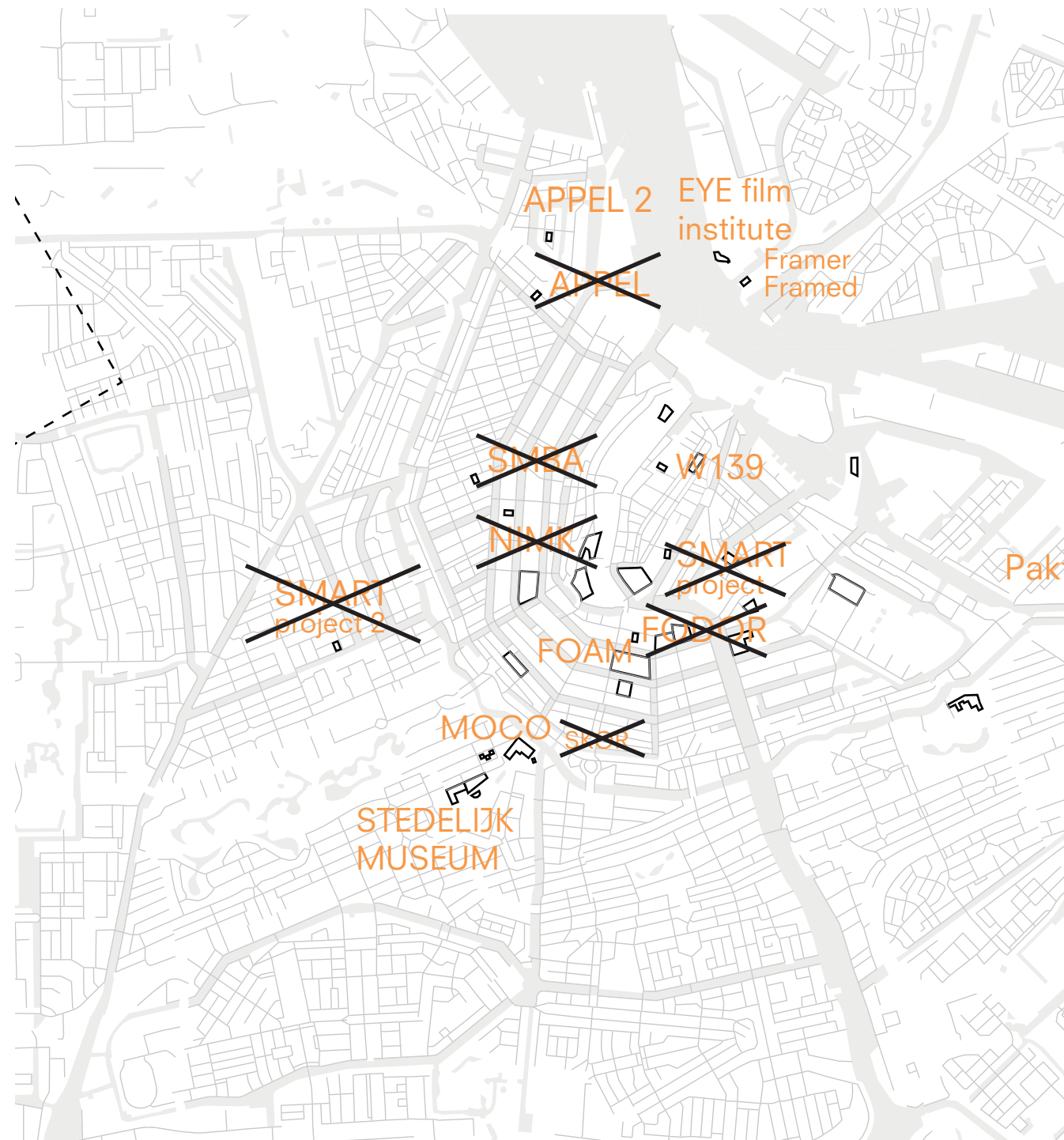
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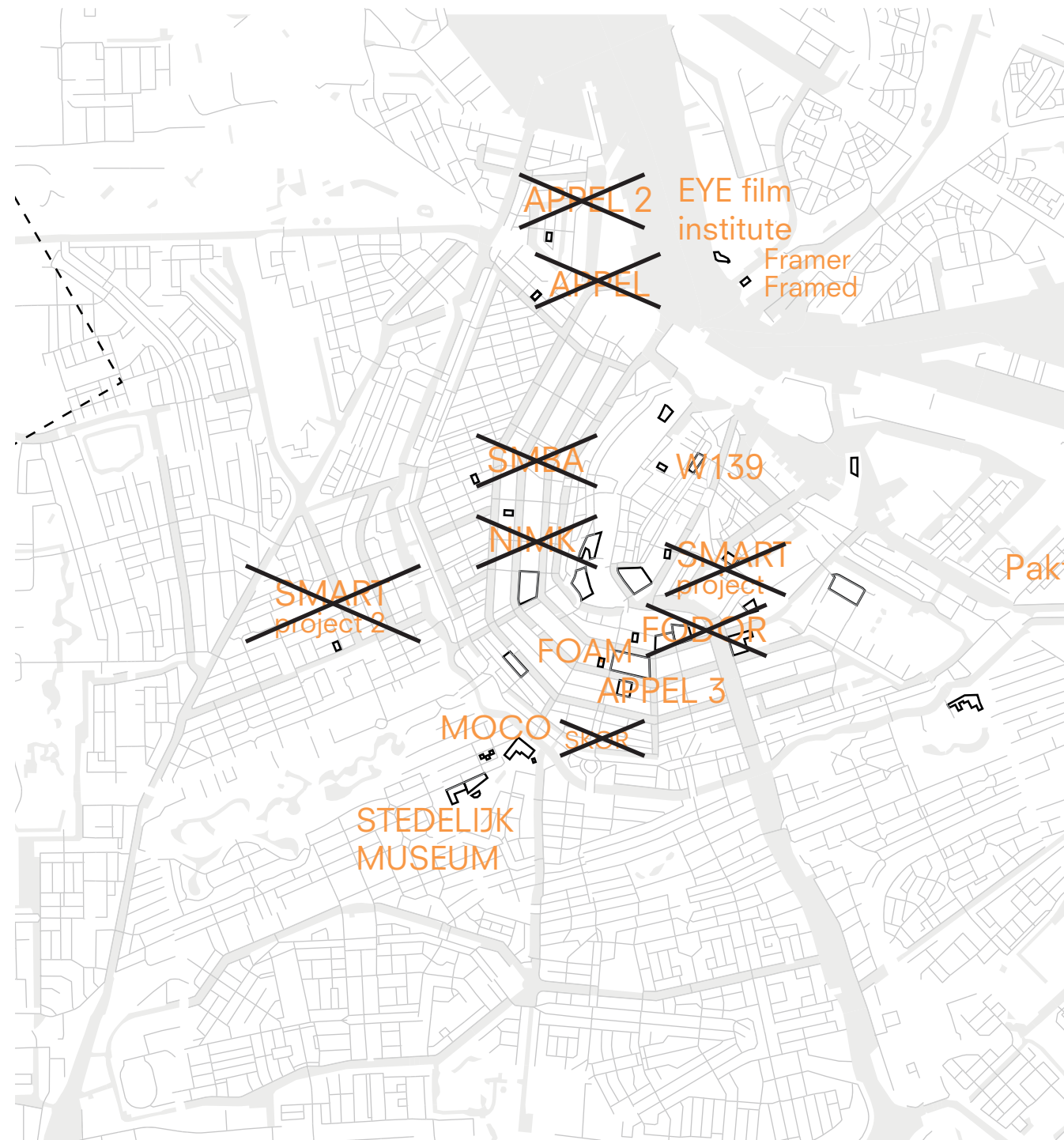
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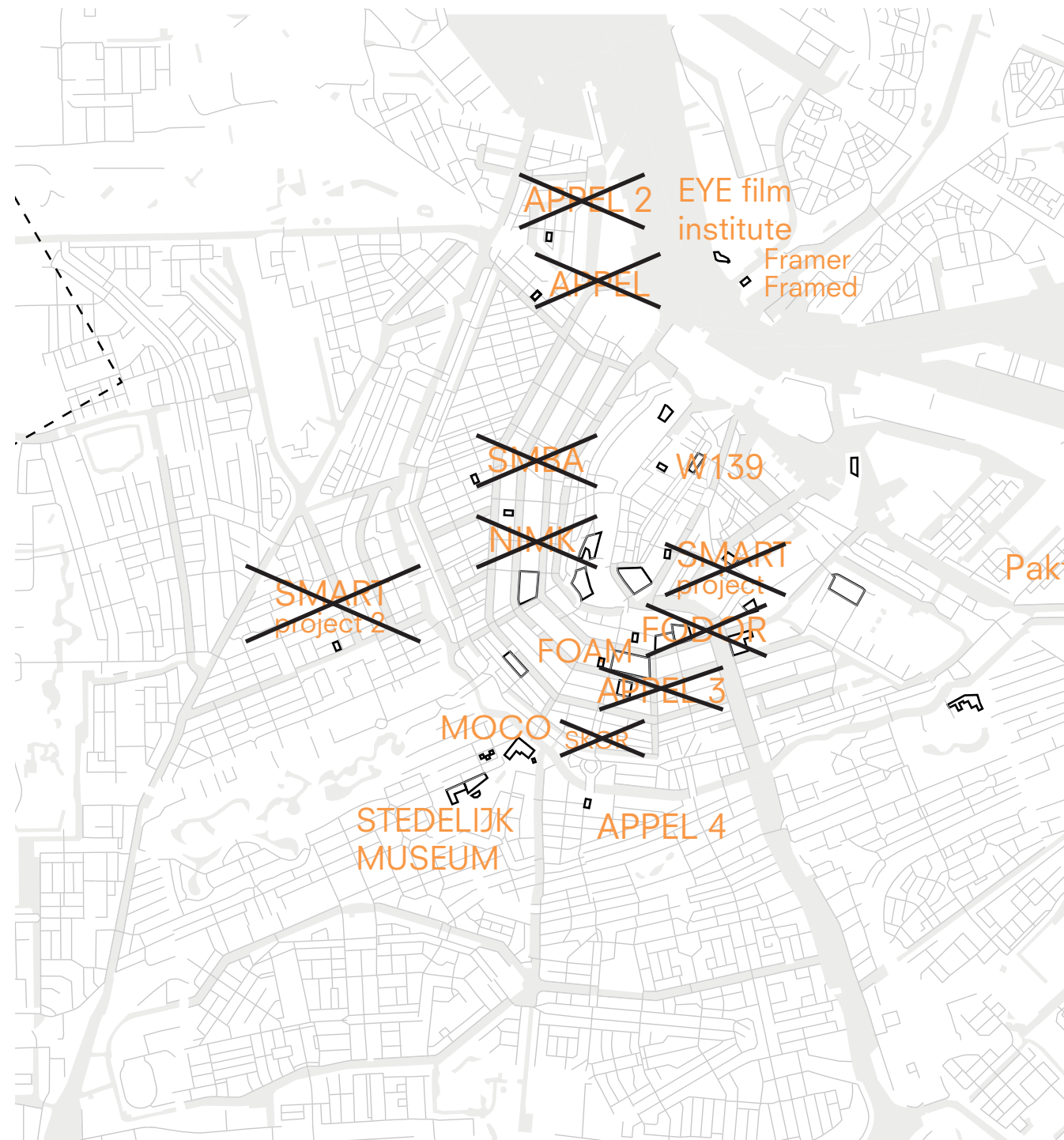
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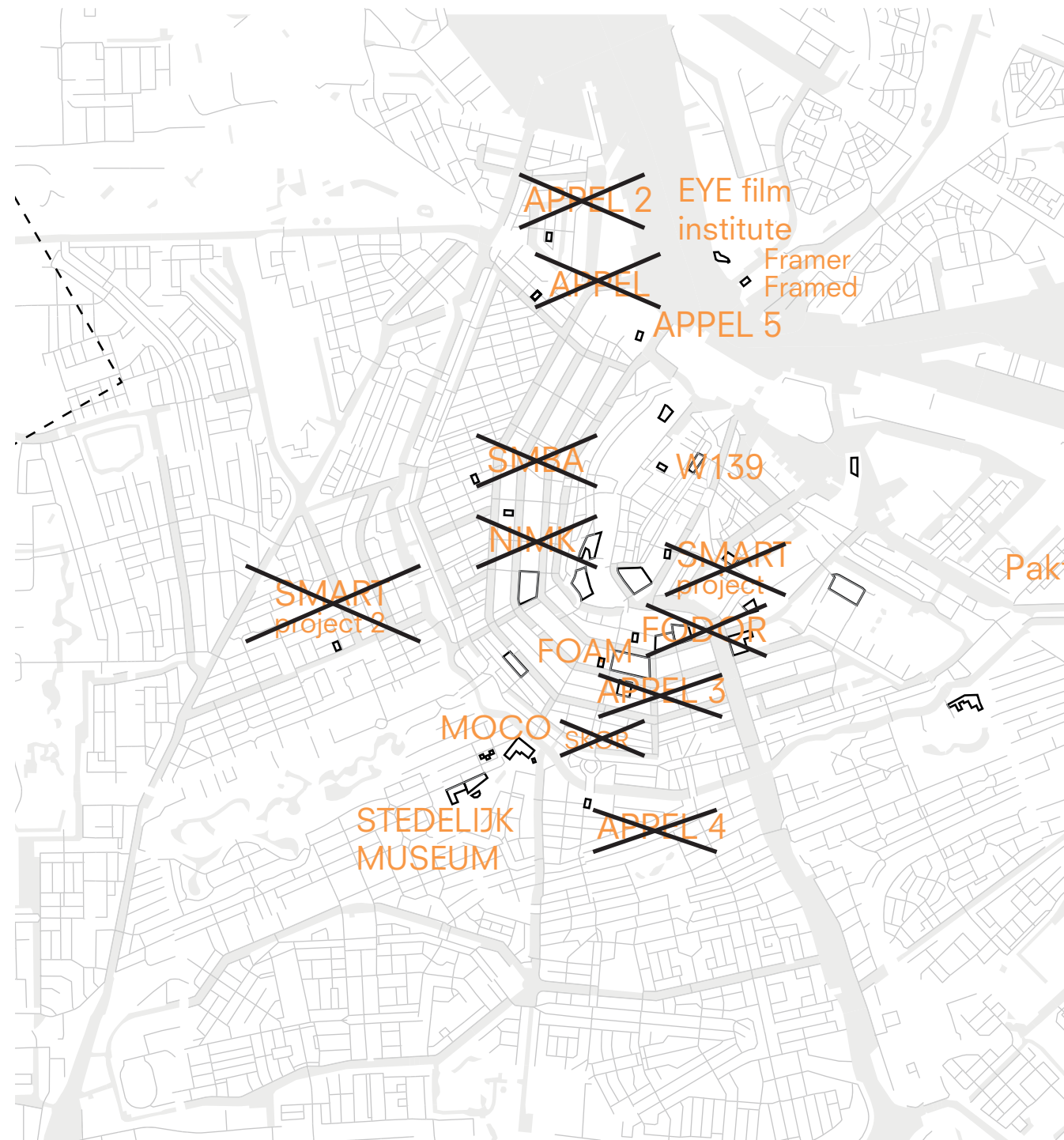
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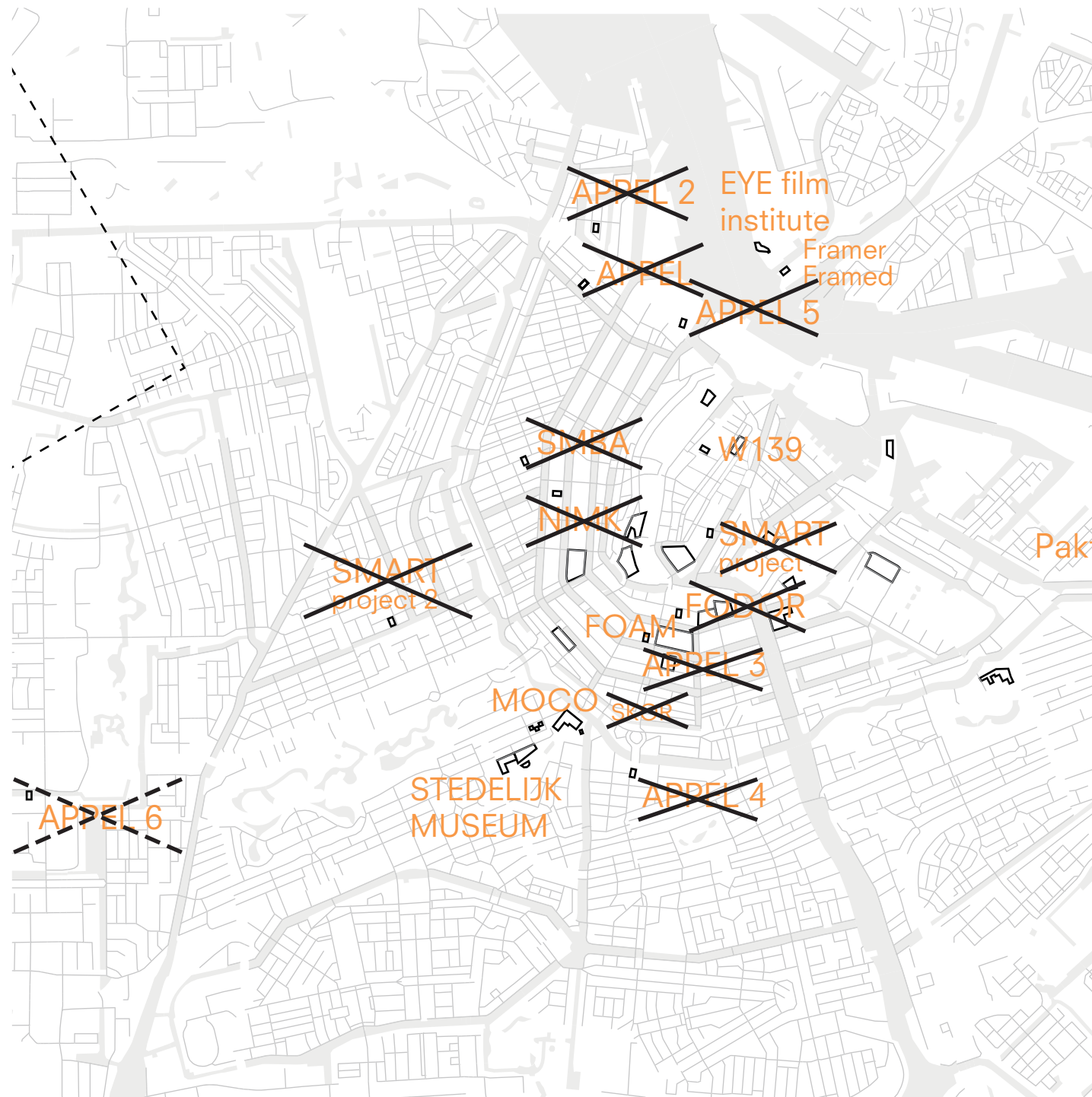
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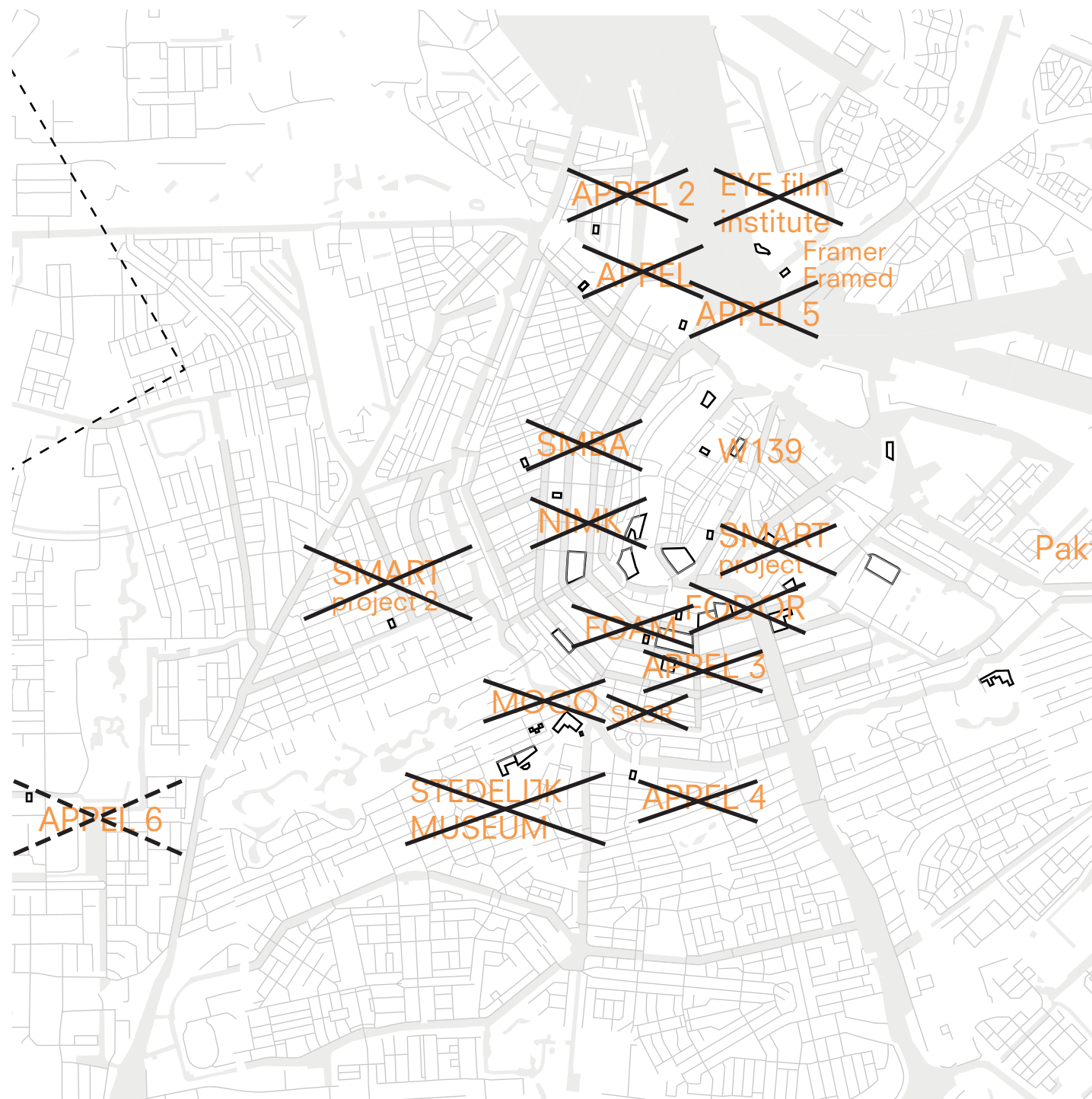
Financial troubles

MOCO

FOAM

EYE INSTITUTE

STEDELIJK MUSEUM



Dissapearing middle segment

1 km ↑

The stepping stone in the artistic infrastructure disappears

- Amsterdam
school of the arts

- Rietveld
academie

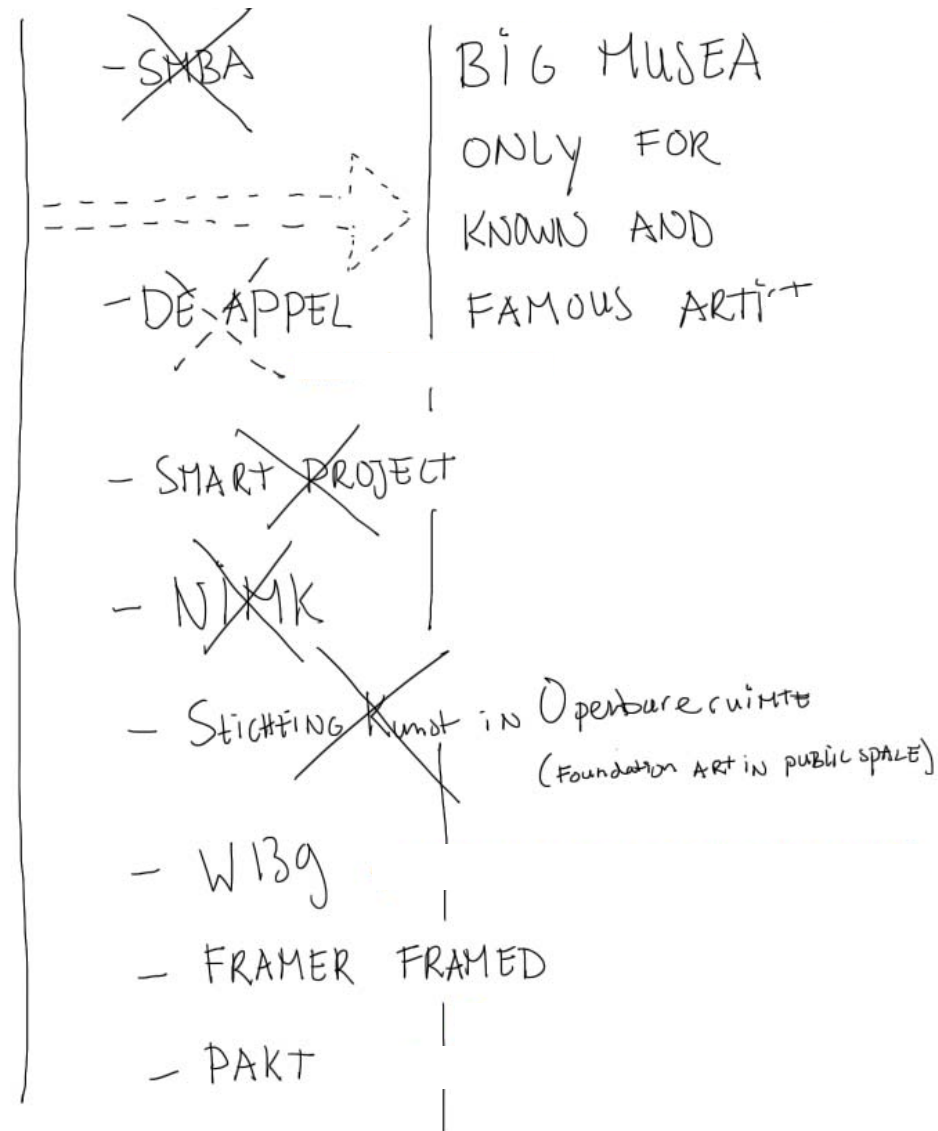
- Atelier werk-
plaats
Molenpad

- Mk 24

- Rijksacademie

- De ateliers

- Sandberg
Instituut
Amsterdam





Design assignment:

- Create a steppingstone, a stage for the beginning artists
- Low rent studio spaces
- Places for social interaction
- A unique public art platform which opens the door to Sloterdijk and broaden the tourist path on Amsterdam

SOCIAL MEDIA

believe

engage

activate

SHARE

social

work



good!

cloud

Follow!

click ✓



click

click



share

4. Design assignment



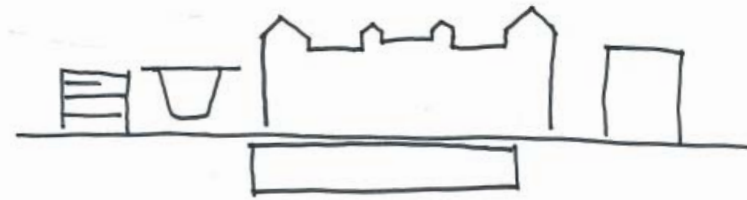
4. Design assignment



The design

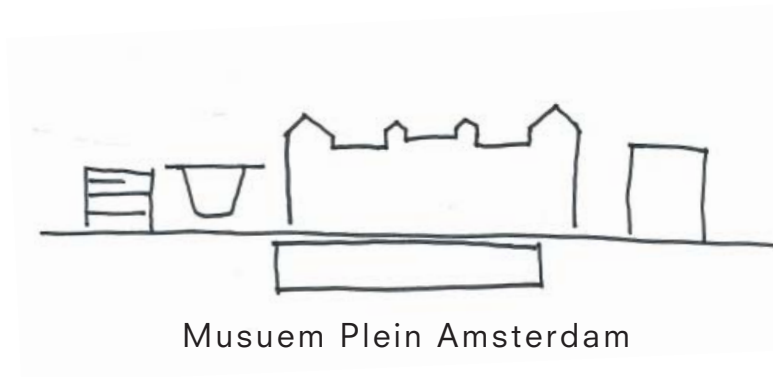
5. Study location

Design

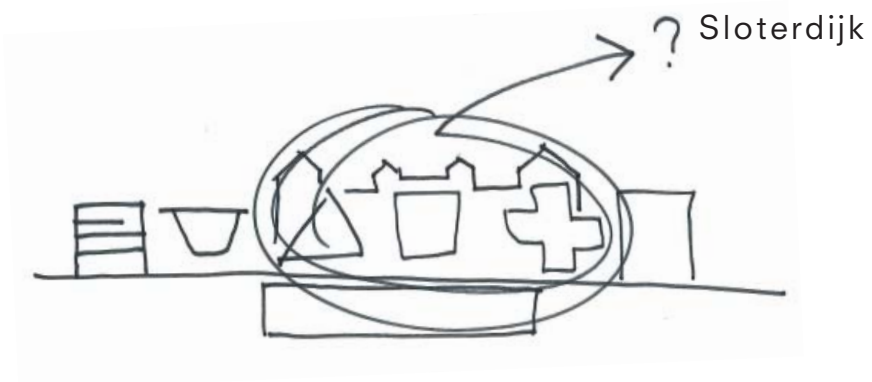
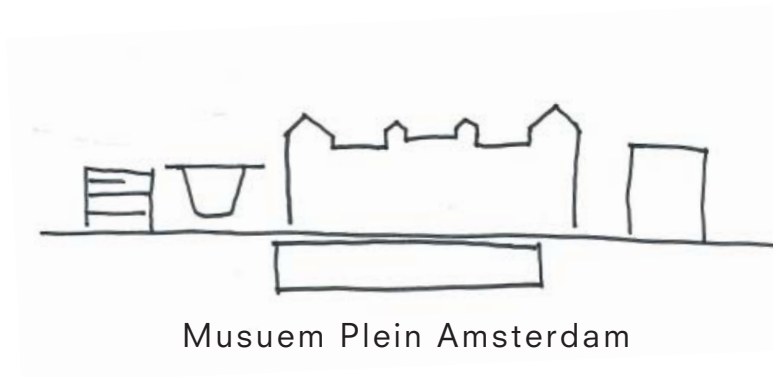


Museumplein Amsterdam

5. Study location



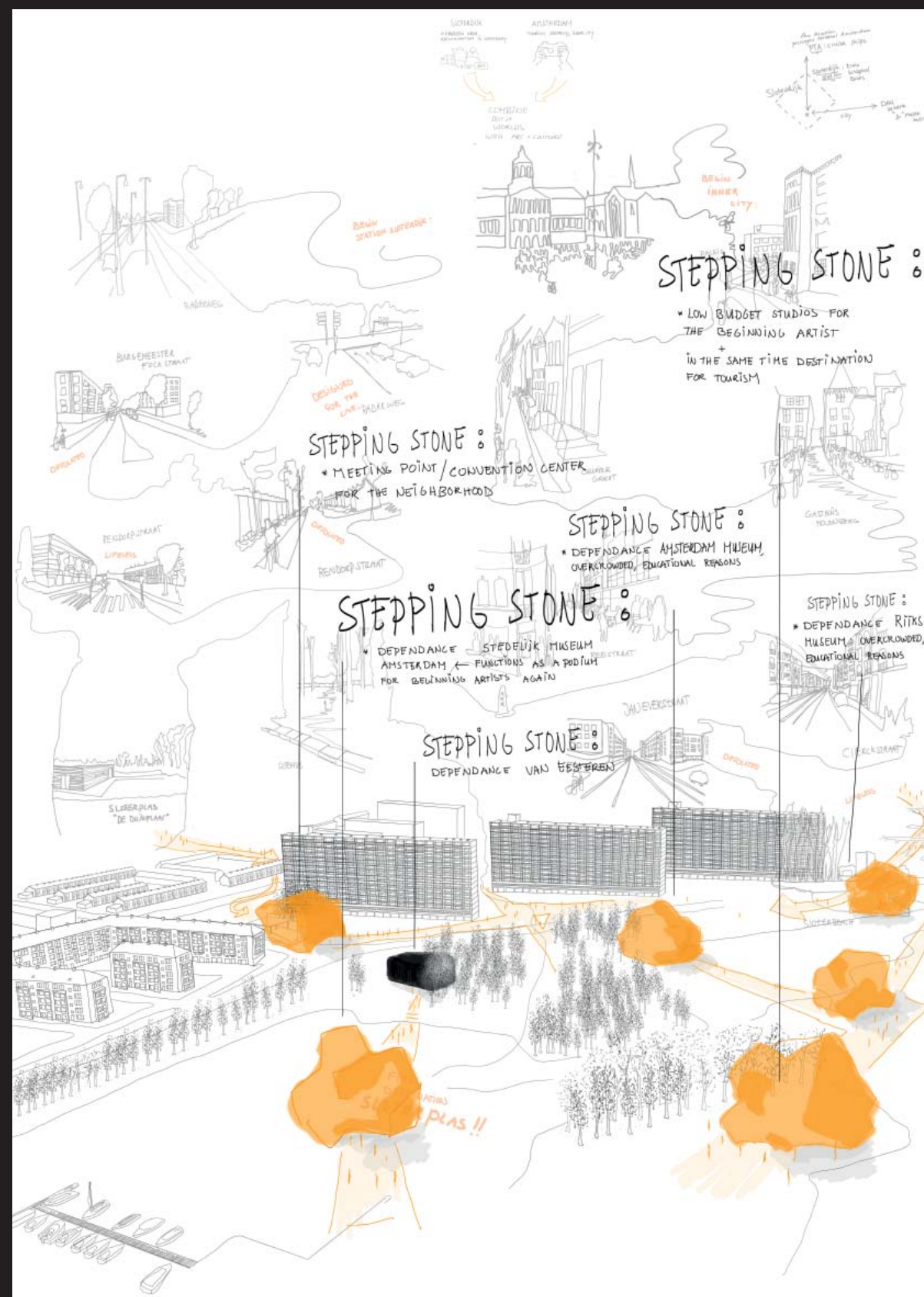
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the potential project



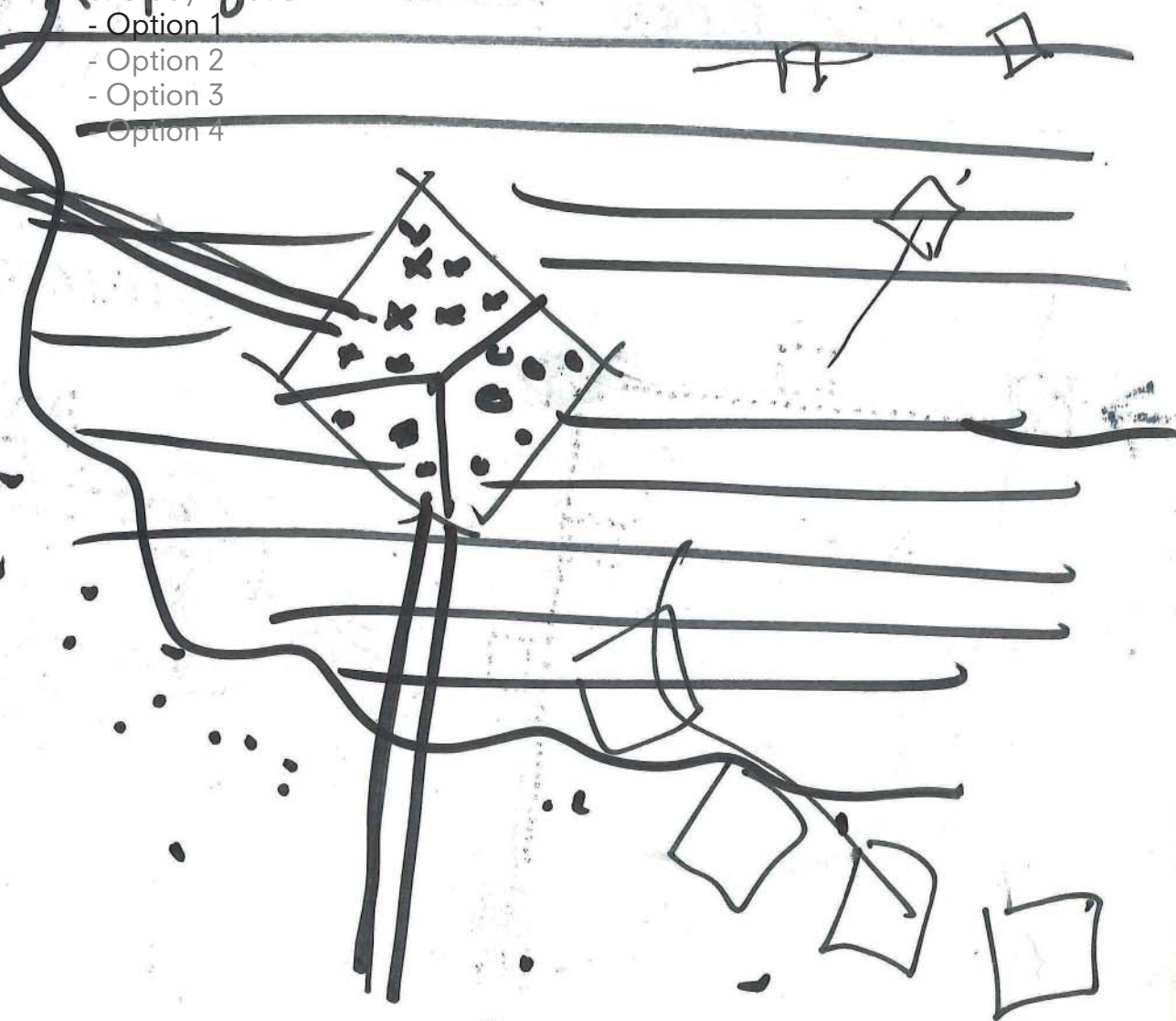
- Option 1
- Option 2
- Option 3
- Option 4



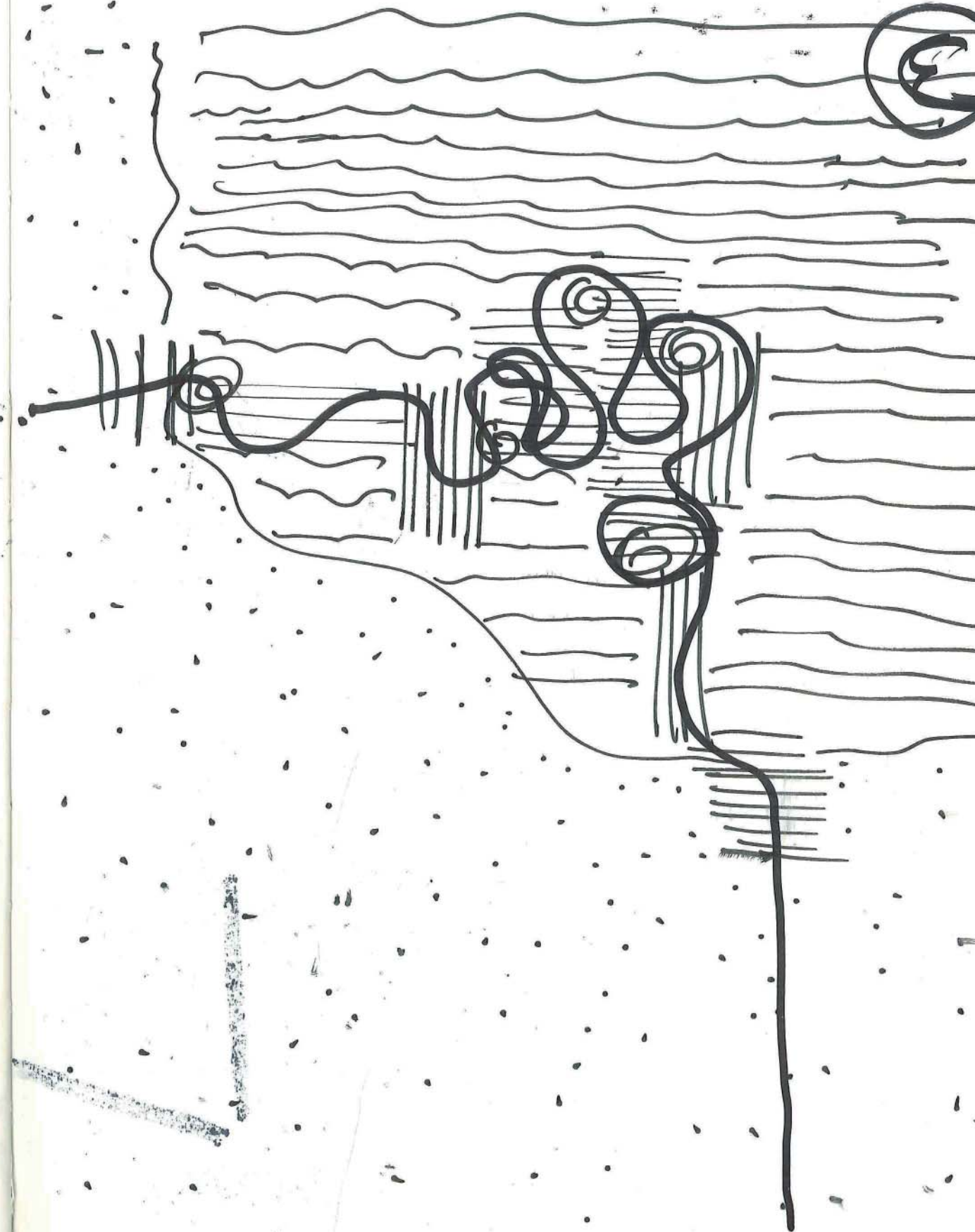
MASSA STUDY

5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



60m
↑

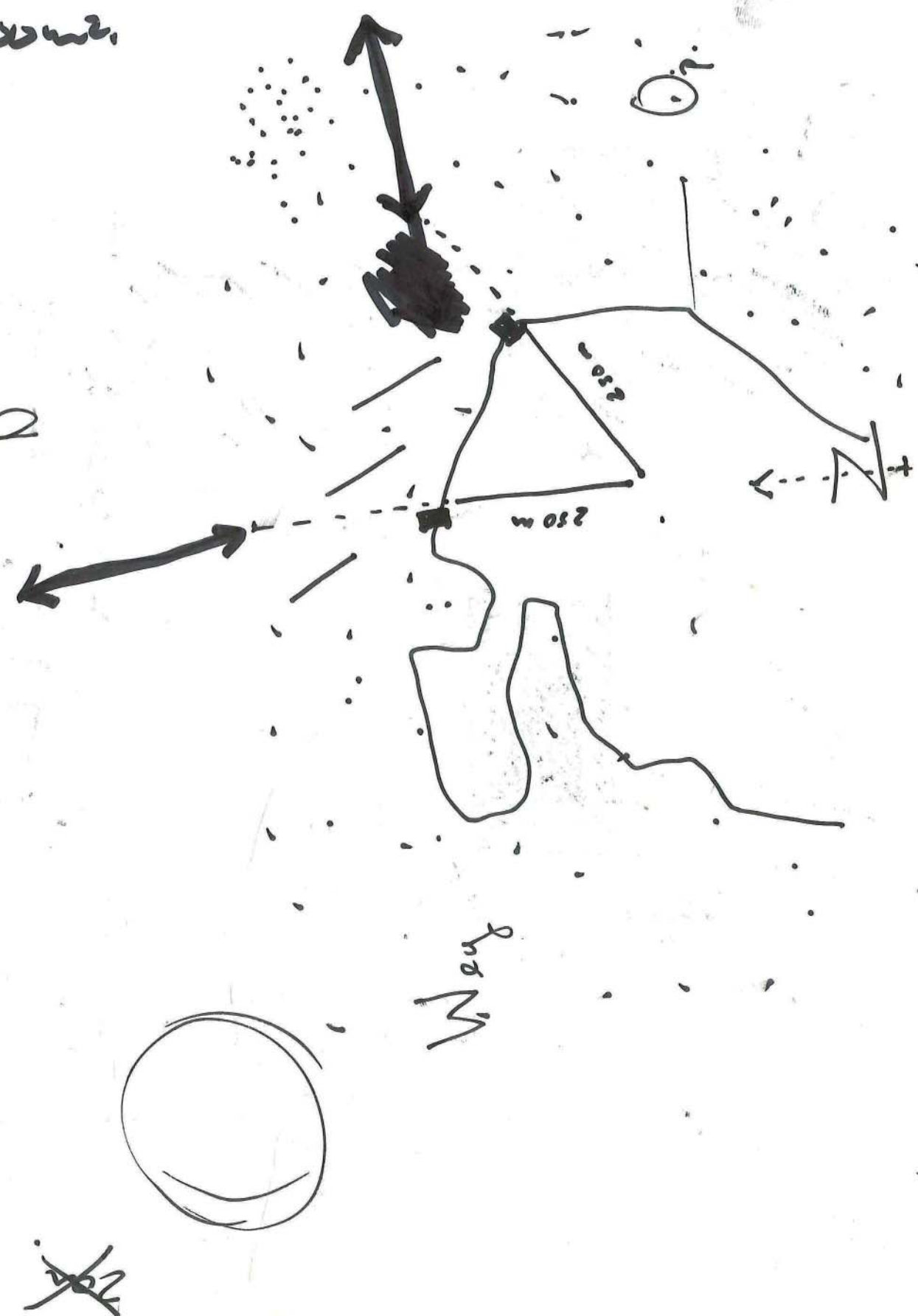


11

* stupios

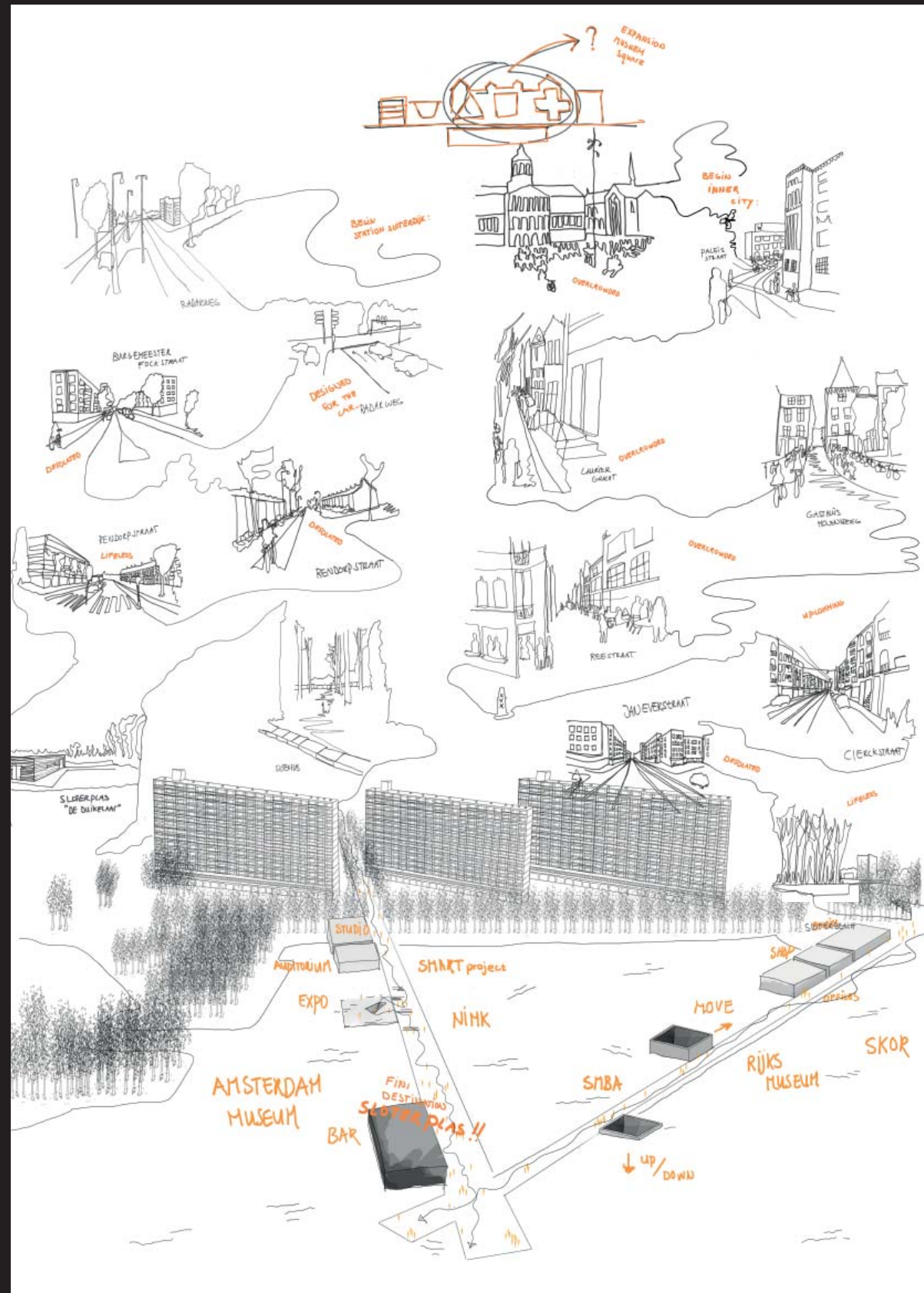
~~Wachstums~~

2



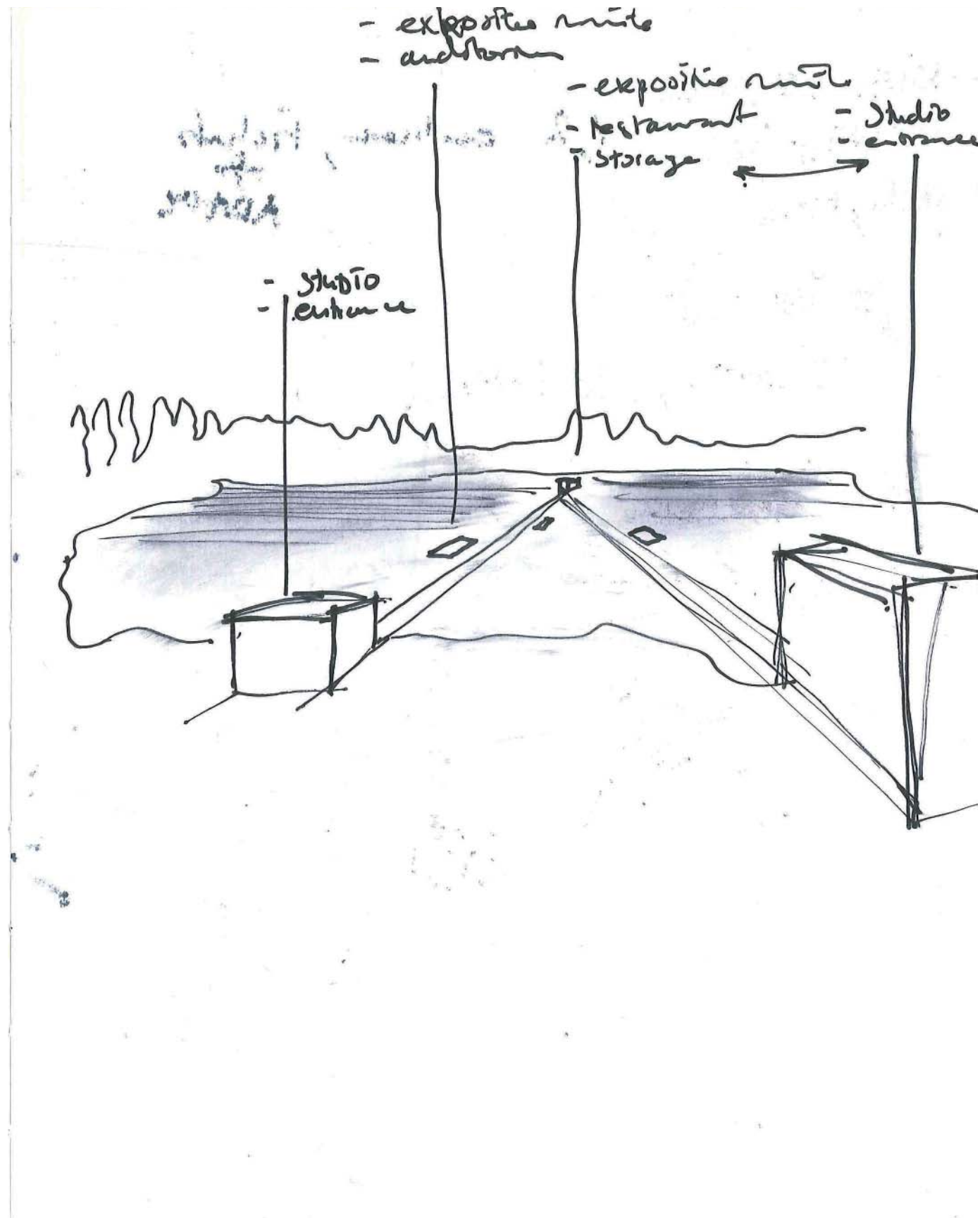
- Option 1
- Option 2
- Option 3
- Option 4

- Option 1
- Option 2
- Option 3
- Option 4



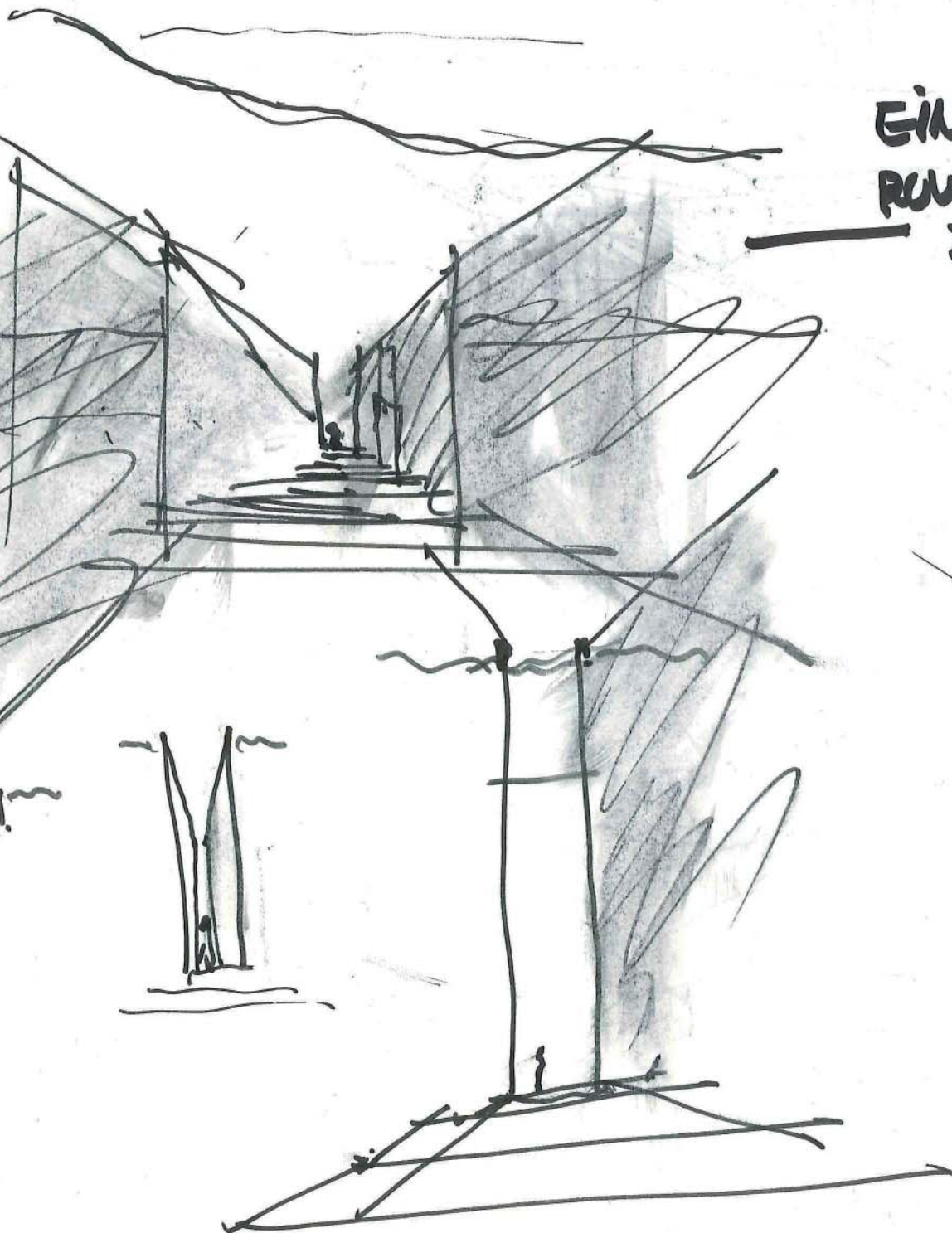
5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



EINDE
ROUTE
2



zie BOEK "potential of art"



STEIGER:



EINDE
ROUTE 1

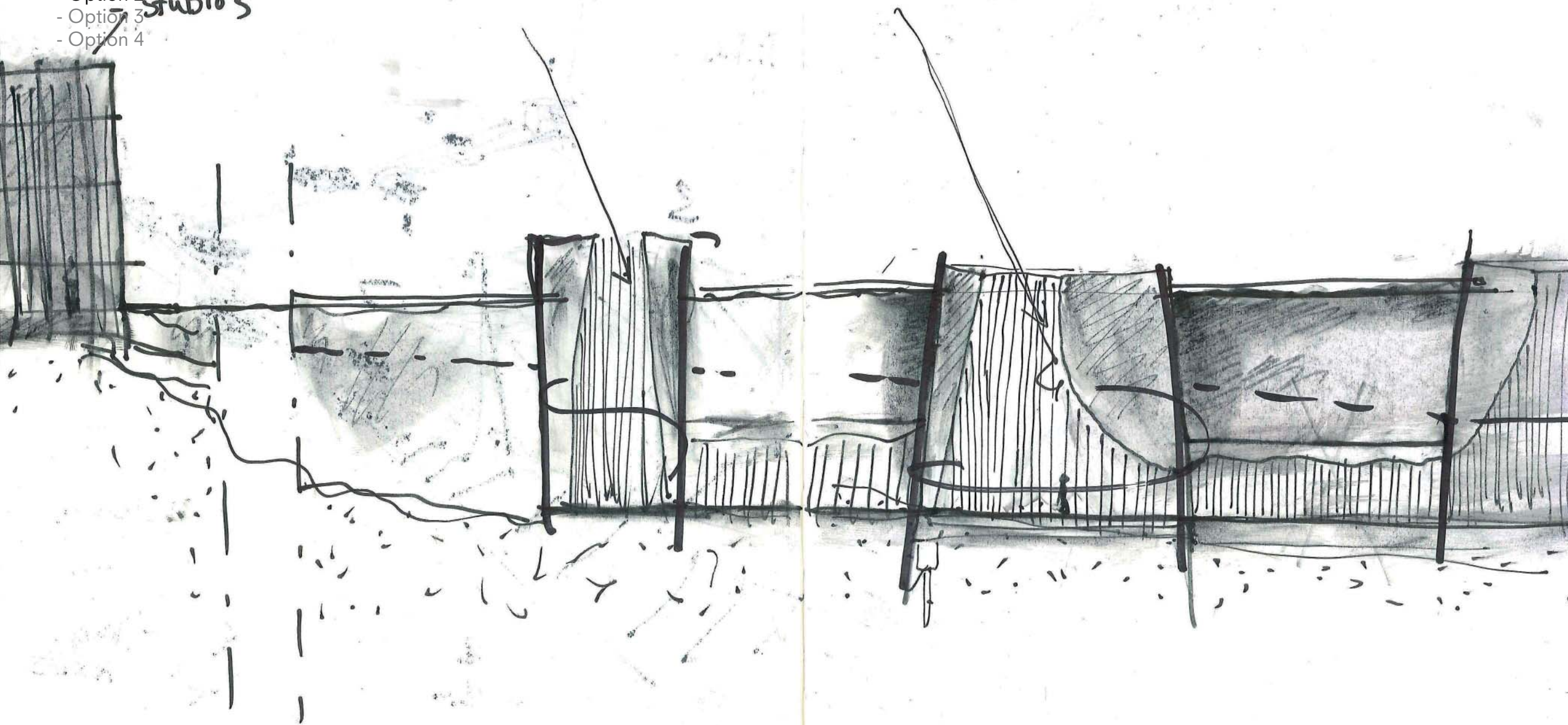


WOON-
BOTEN?
"CEUDEL"

5. Study location

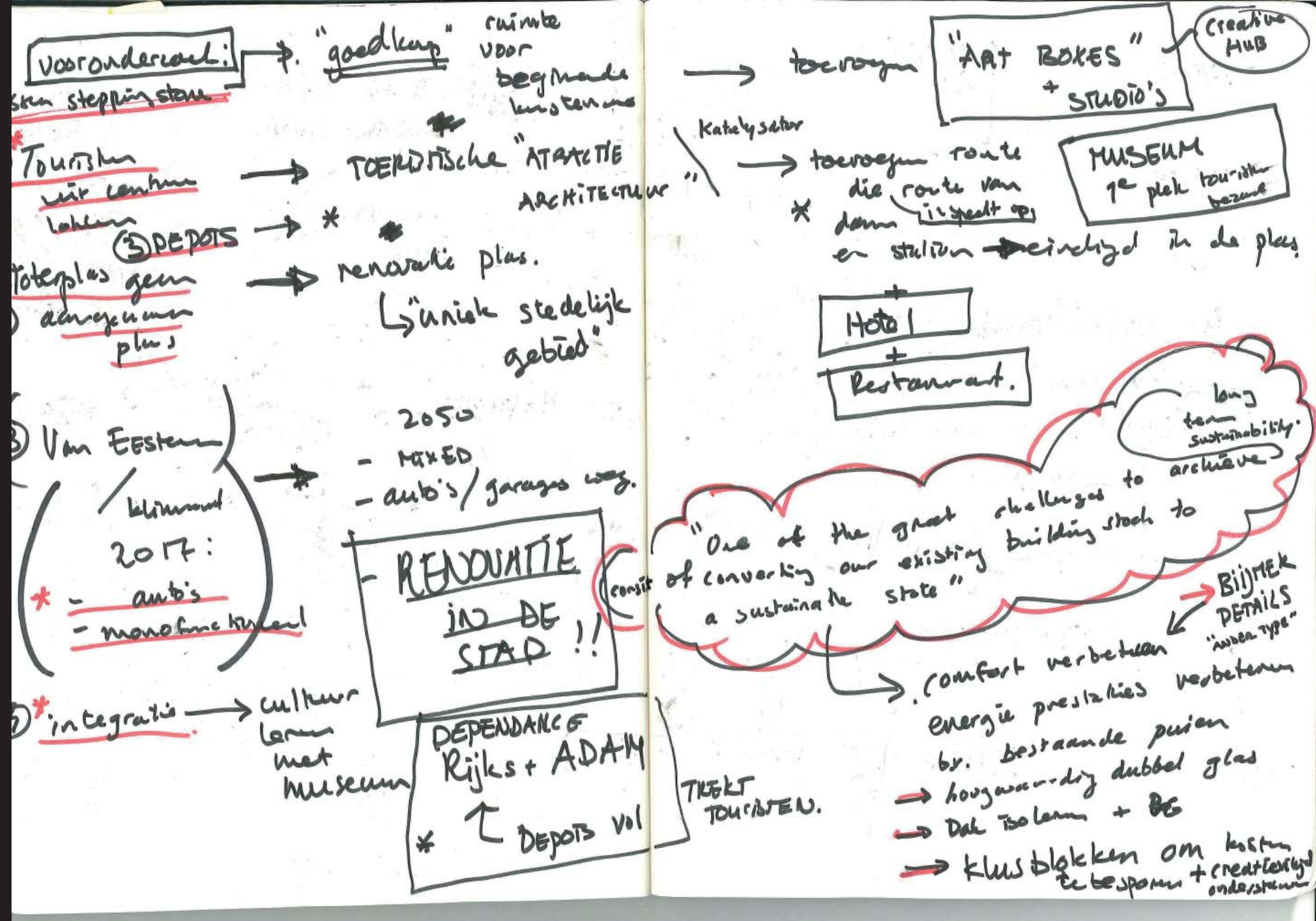
- Option 1
- Option 2
- Option 3
- Option 4

ENTREE
STUDIO'S



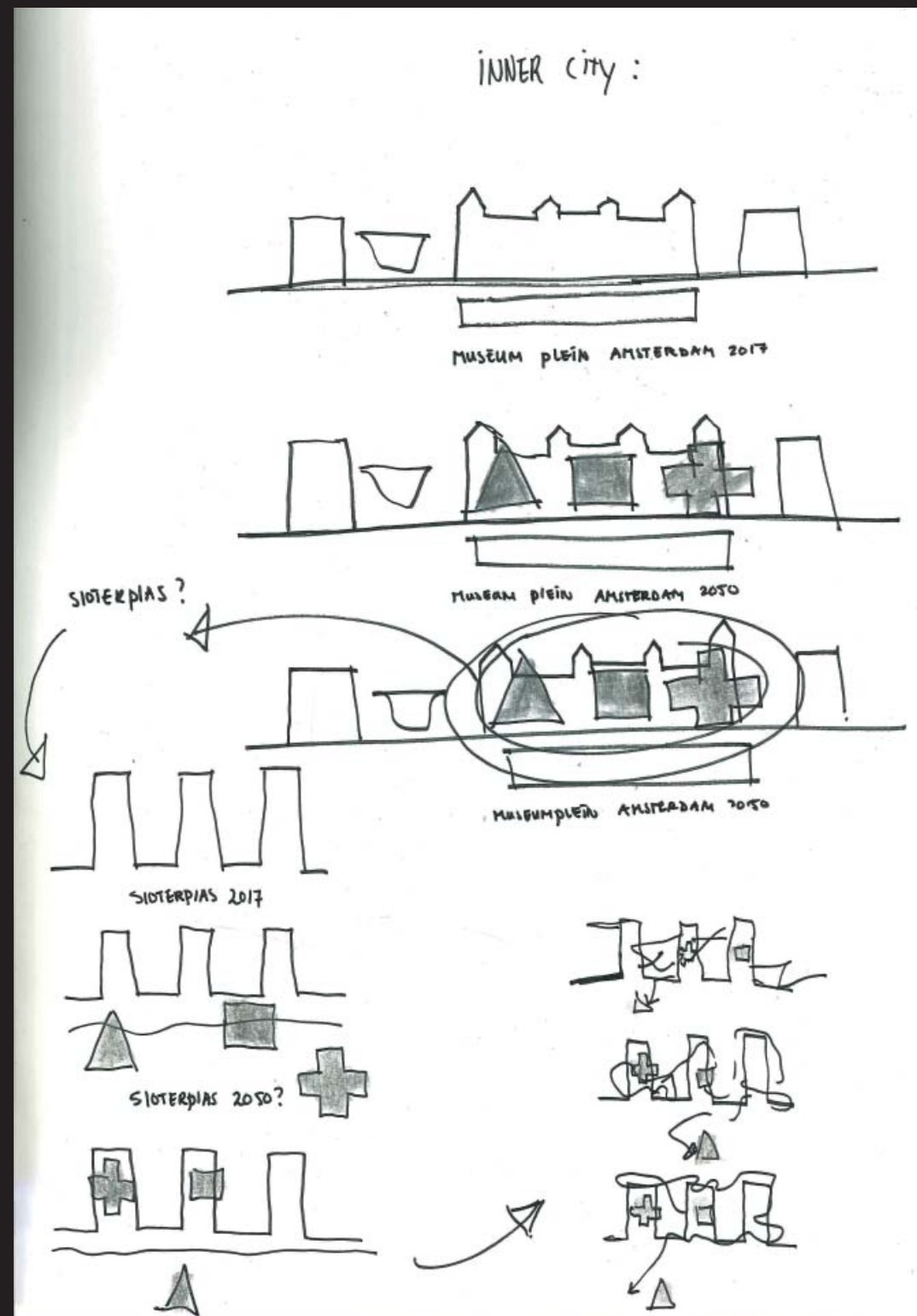
5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



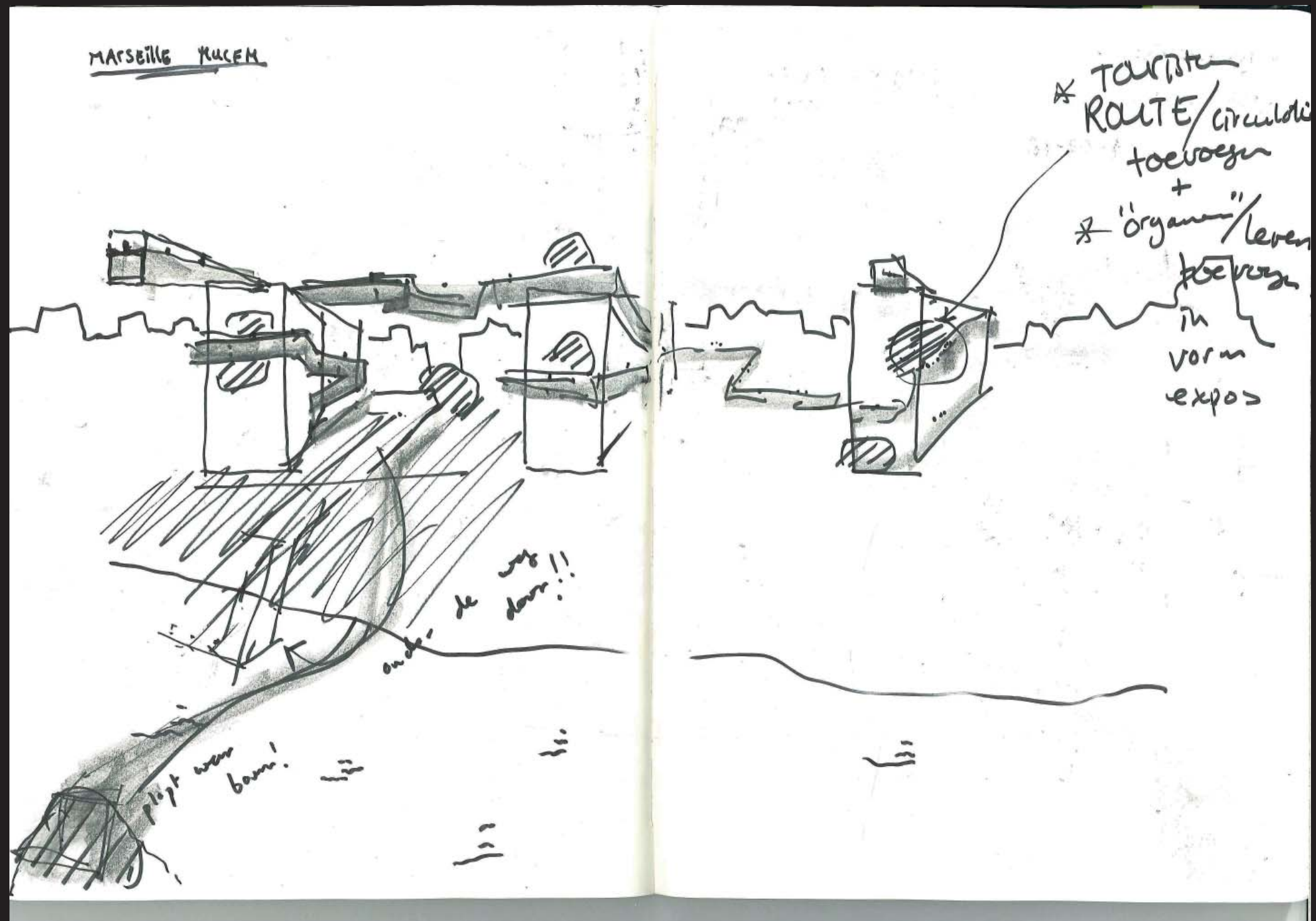
5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



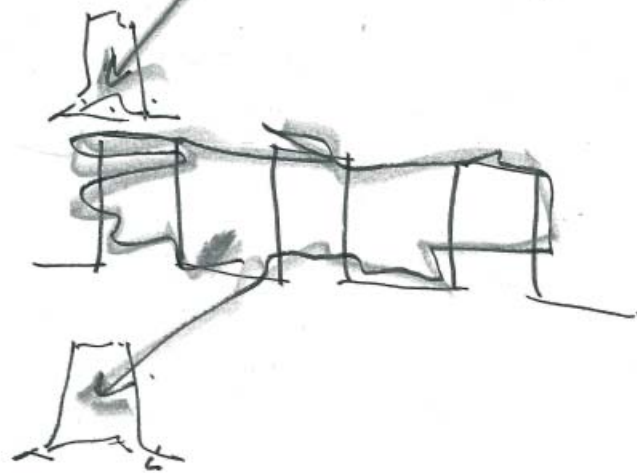
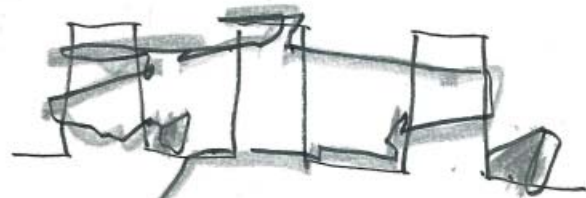
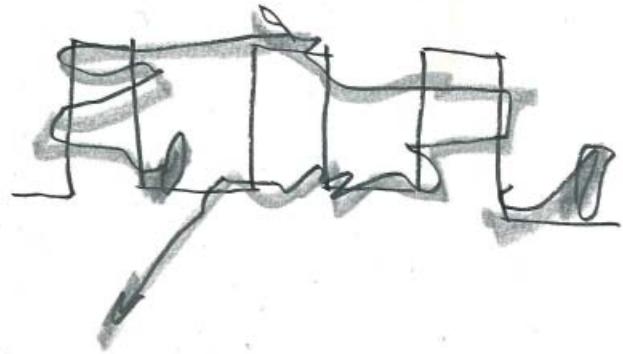
5. Study location

- Option 1
- Option 2
- Option 3
- Option 4

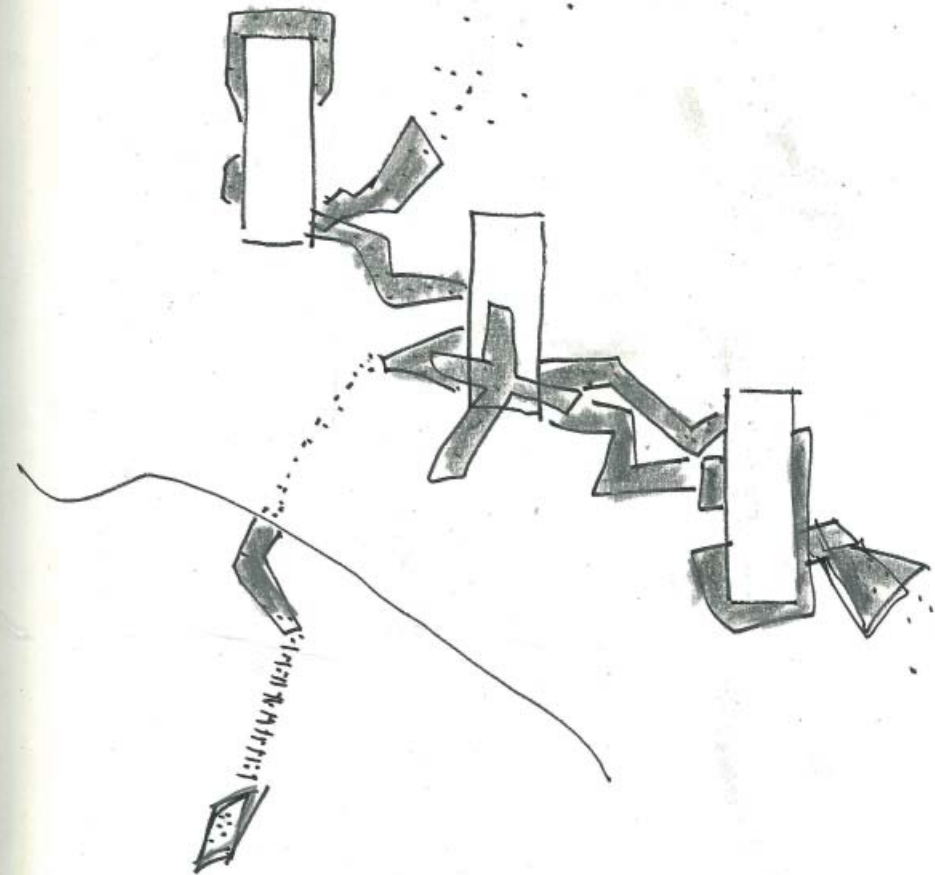


5. Study location

- Option 1
- Option 2
- Option 3
- Option 4

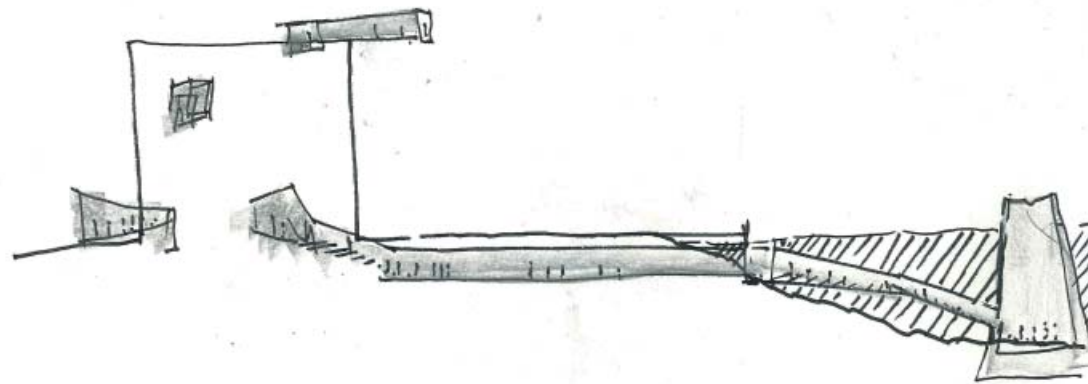


pilgrim route for art

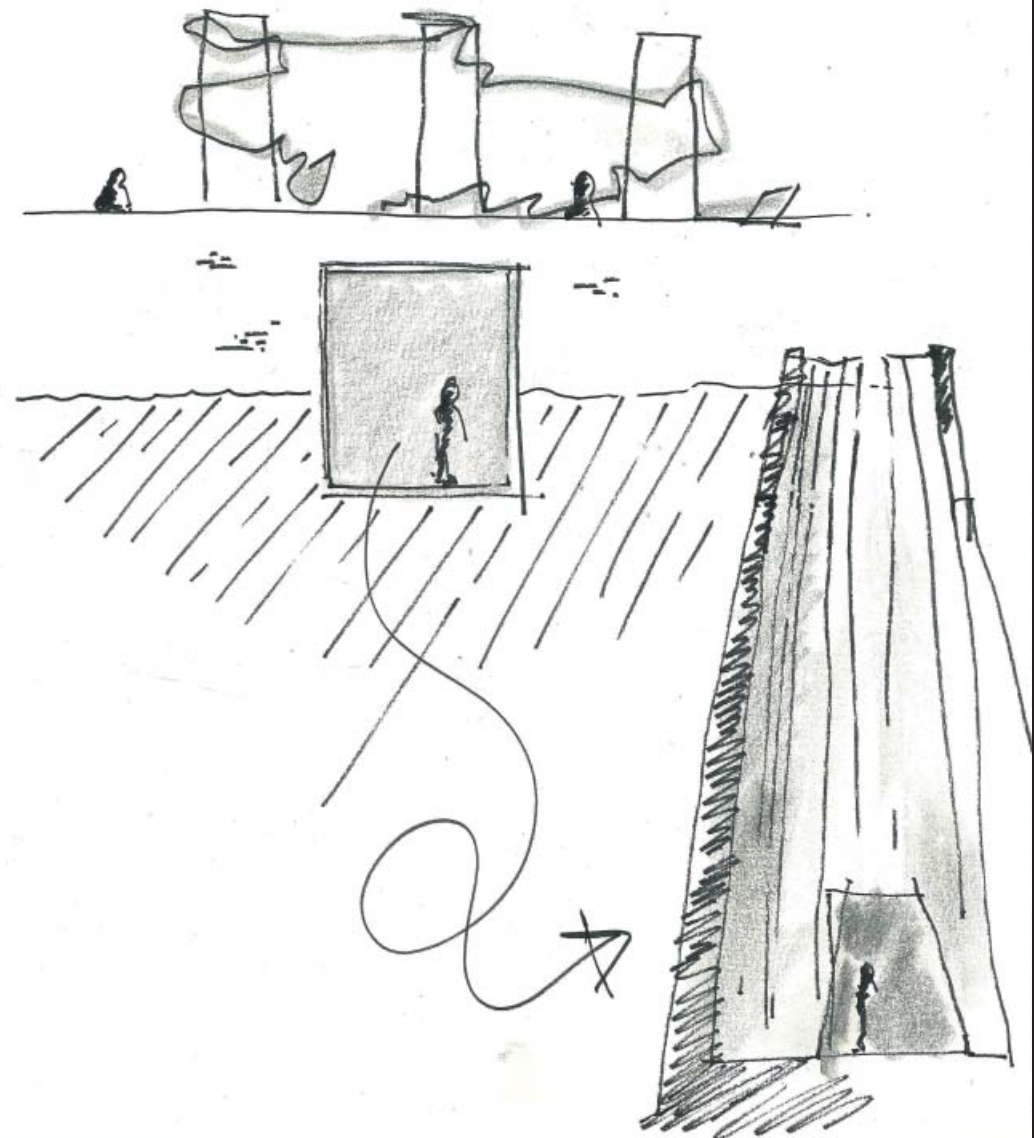


5. Study location

- Option 1
- Option 2
- Option 3
- Option 4

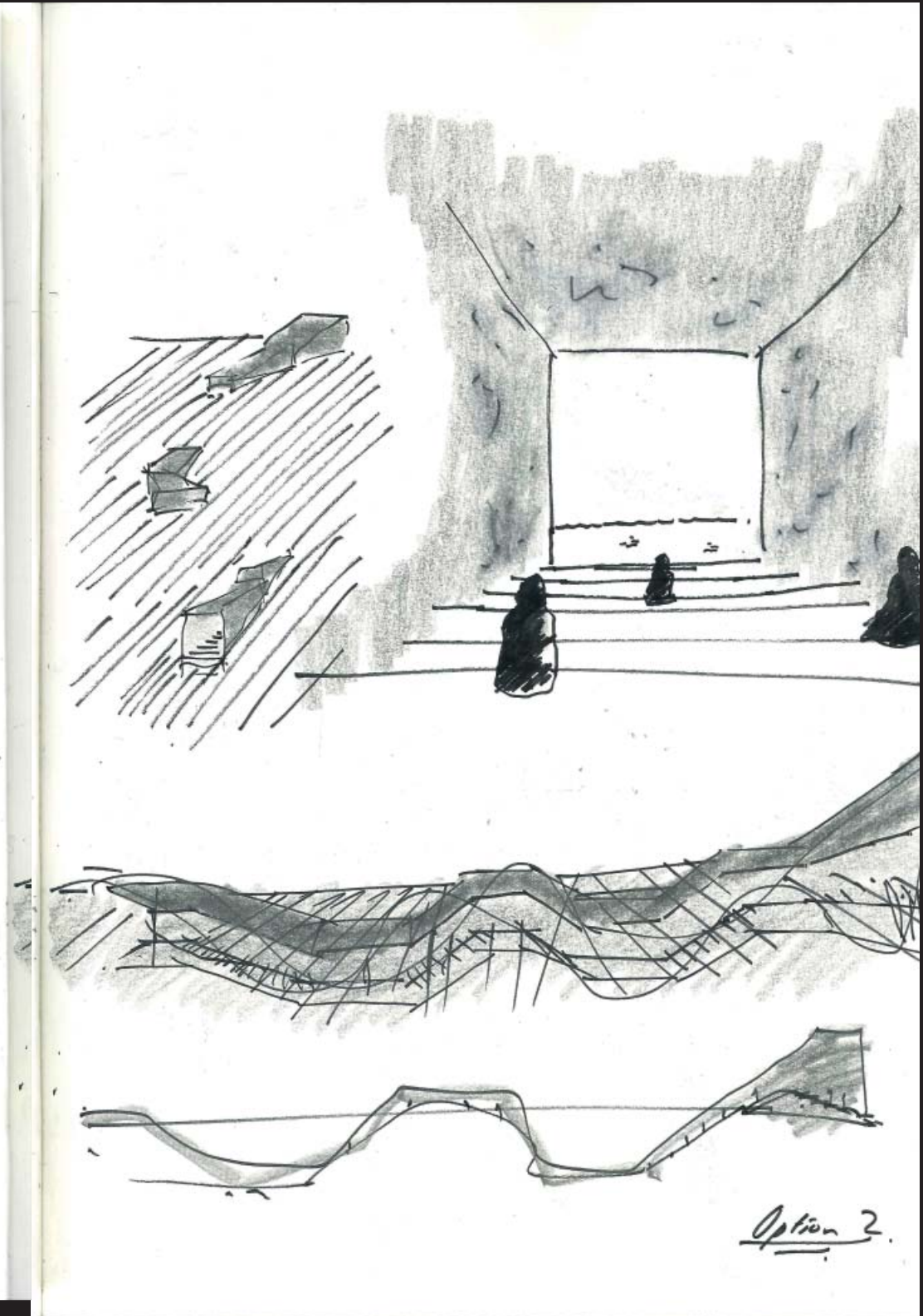
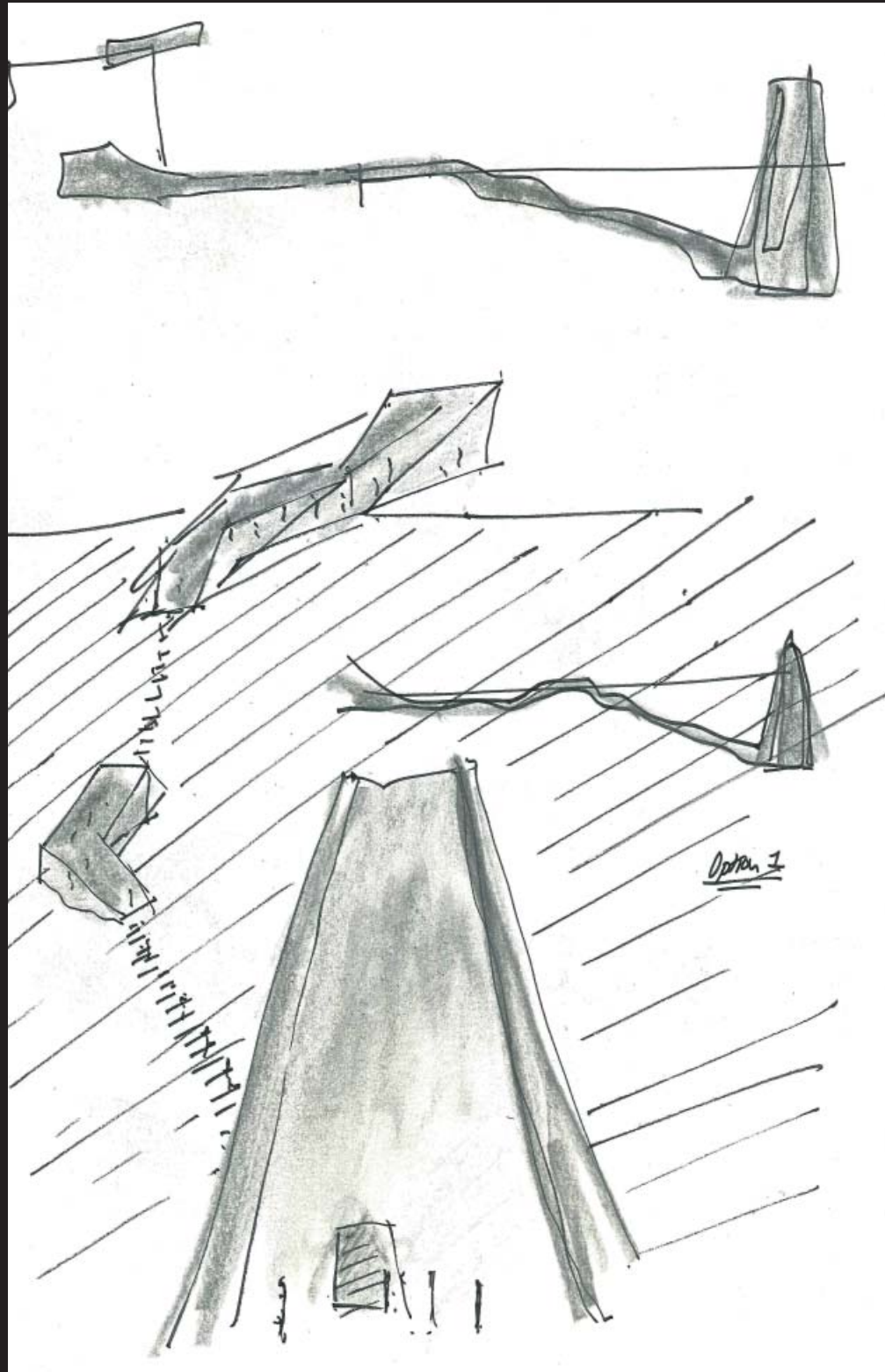


pilgrim
Route
for Art.



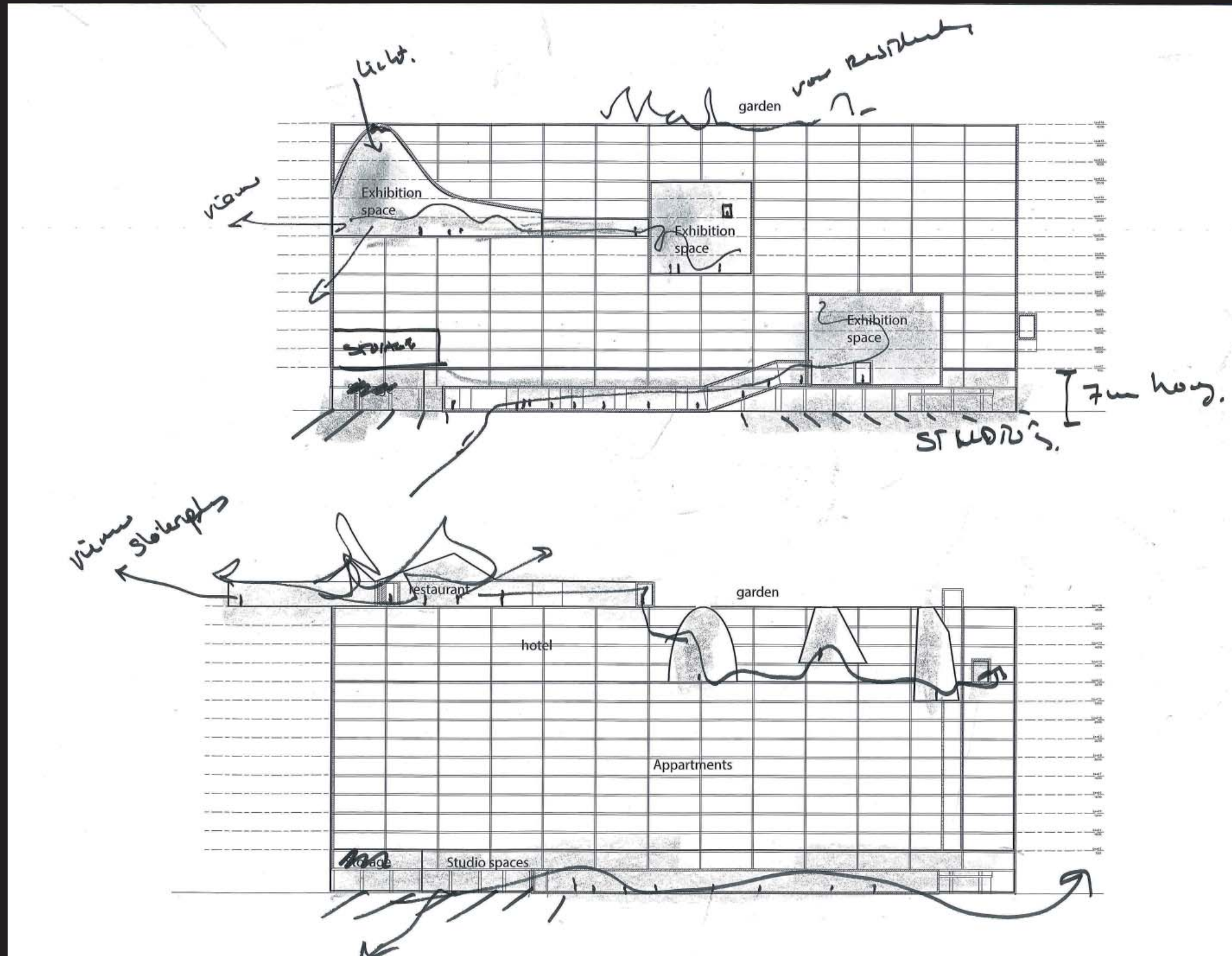
5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



mikegilley #streetart #slotermee
#amsterdam #stencil #stencilart #
#graffitiart #graffitiartist #streetar
#streetart_daily #streetartphotogr
#cityart #urbanart #streetartlover
#streetartglobe #streetartistry #in
#spraypaintart #spraypaint #stree
#streetartamsterdam #art #jij_urbi
#streetartphoto



45 vind-ik-leuks

29 DECEMBER 2017



suzannezitman • Volgen
suzannezitman #lovenmyneighborhood
#streetarteverywhere #amsterdamstreetart
#streetart #slotermee #kolenkit #amsterdam



24 vind-ik-leuks

16 JANUARI



rvanstekelenborg • Volgen
rvanstekelenborg #sama #amsterd
#elpeez #nieuwwest #slotermee



hawk99999, mylittleundergroun
daytonastarsky, floor17amsterd
stephanieob, acid.snow, thijs.x0,
closettoyofashion,
foodfotograafamsterdam en th
vinden dit leuk



mikegilley • Volgen

mikegilley #streetart #slotermee
#amsterdam #streetart_daily
#streetartphotography #graffiti #
#graffitiartist #wallart #stencilart
#spraypaint #spraypaintart #stree
#streetartamsterdam #cityart #ui
#urbanartist #artwork #homer #
#jij_urbanart #art #streetartistry
#streetartlovers #graffitigram #ir
nlsadam123 🍌🍌🍌
bogan_travel 🍌🍌🍌!!!!



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



mikegtiley • Volgen

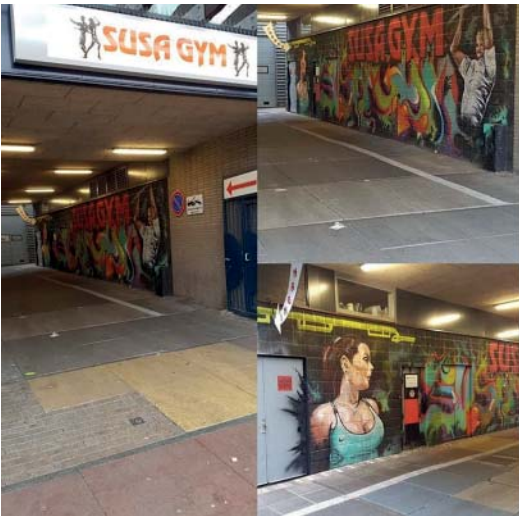
mikegtiley #streetart #slotermeer #graffiti #amsterdam #streetartlovers #graffitilartist #stencilart #stencil #spraypaintart #urbanart #art #cityart #wallart #streetartistry #streetartist #streetart_daily #streetartphotography #streetarteverywhere #streetartamsterdam #artwork #streetartdaily #streetartfiles #streetartglobe #jij_urbanart #streetartphoto #instagraffiti wasted_talent_united 🐞🐞🐞



61 vind-ik-leuks

20 DECEMBER 2017

Een reactie toevoegen... 



susagym4045 • Volgen
Susa Gym

susagym4045 <https://www.susagym.nl>
Info@susagym.nl
+31206130580
#1992-2017 #25-jaar #old-school #amsterdam
#nieuw-west #slotermeer #geuzenveld #matrix #panatta #bikes #fitness #treatmill #kettlebells #hack-squat #crosstrainer #plate-loaded #body-building #airconditioning #infrarood-sauna #dumbbells-50kg #clean-gym #zonnebanken #heavy-weights #altijd-toestel-vrij #persoonlijk-gekend #schoon-en-hygienisch



34 vind-ik-leuks

4 DAGEN GELEDEN

Een reactie toevoegen... 



grimelight.blog • Volgen
Amsterdam Sloterdijk

grimelight.blog #Sloterdijk ❤️



38 vind-ik-leuks

28 FEBRUARI 2017

Een reactie toevoegen... 



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



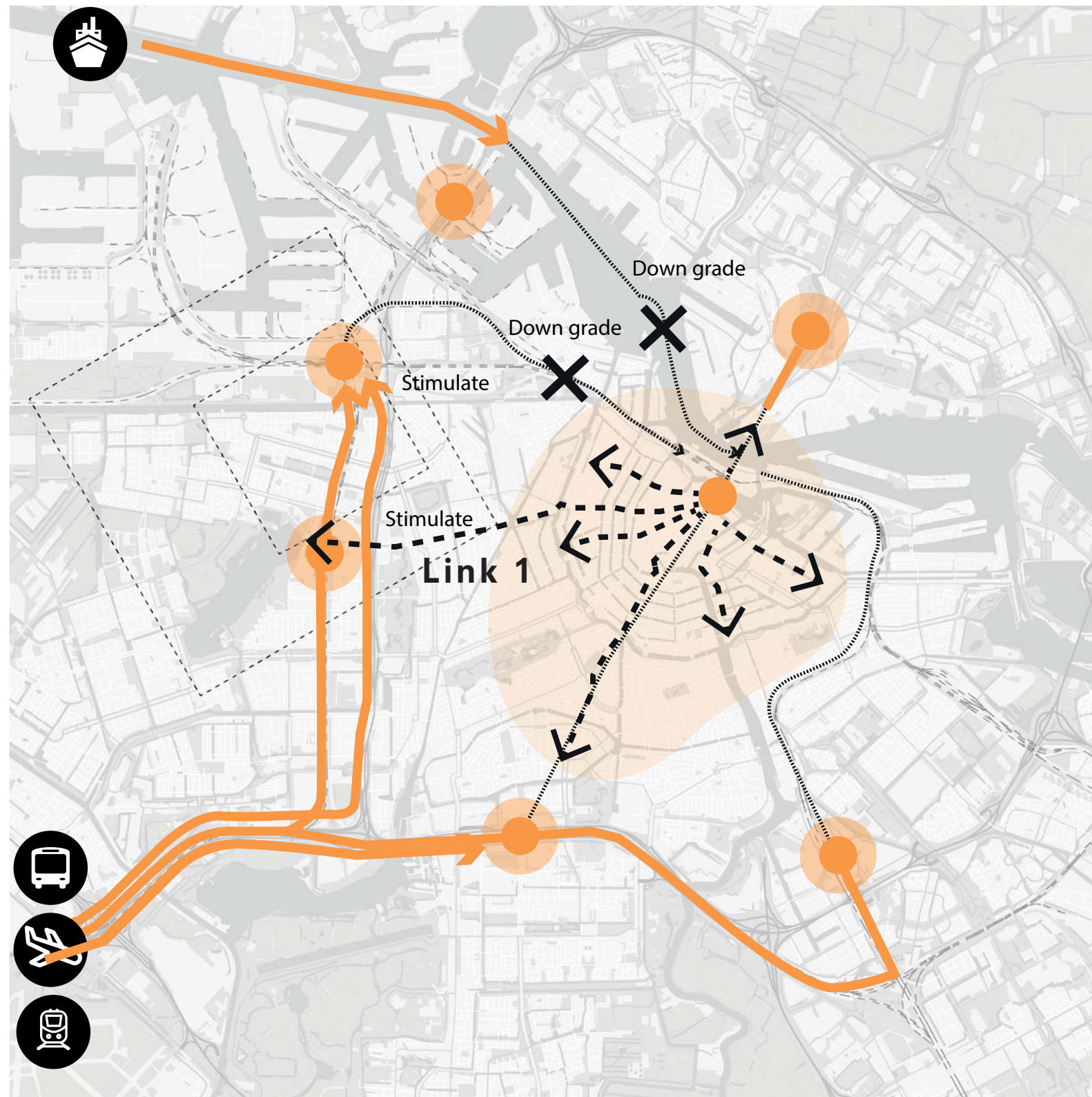
5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



groups vision
— 1 km — ↑

5. Study location

- Option 1
- Option 2
- Option 3
- Option 4

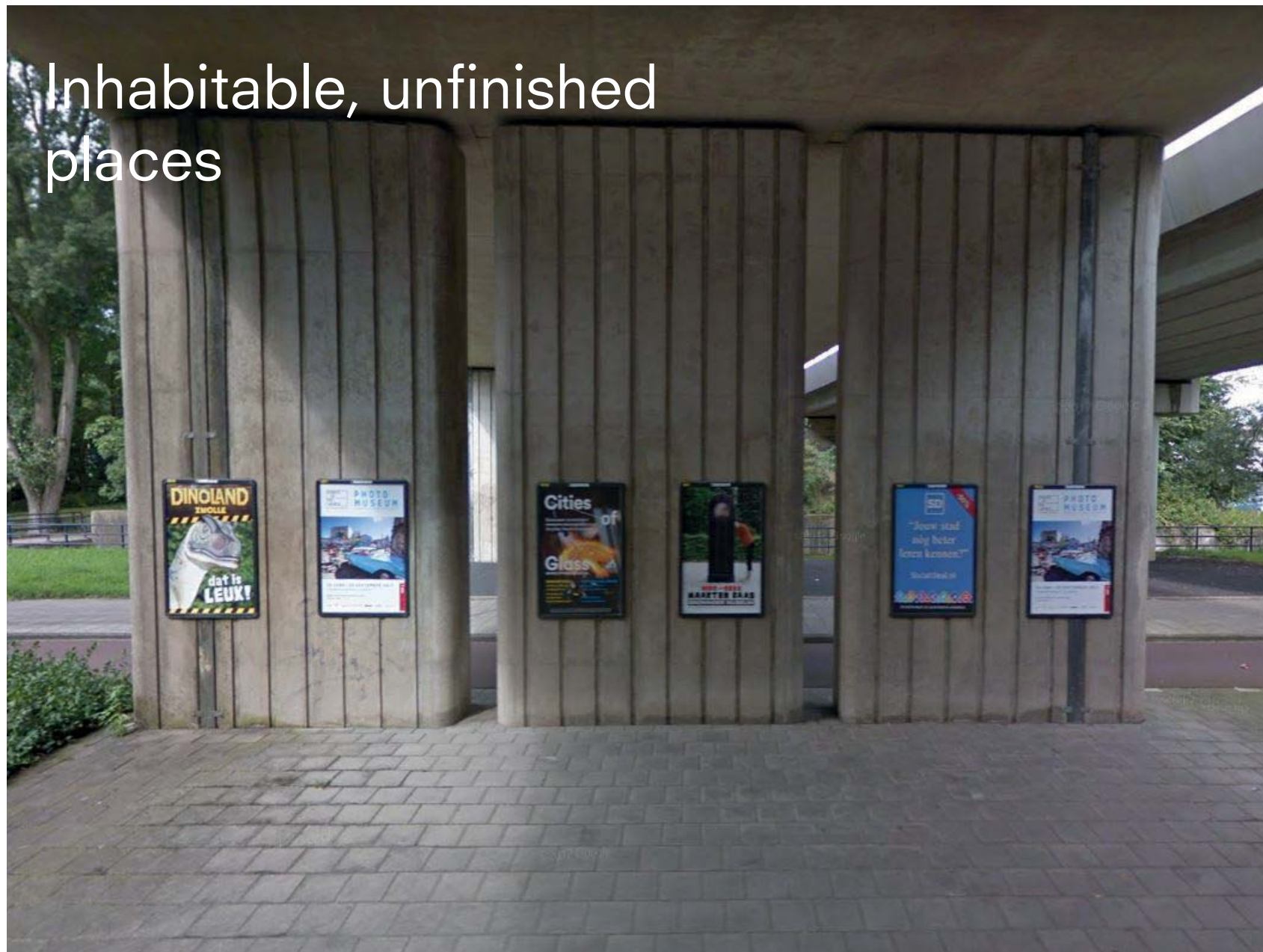


Throw away environments

5. Study location

- Option 1
- Option 2
- Option 3
- Option 4

Inhabitable, unfinished places



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4

Architectural waste, empty and
abandoned places



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4

Unsafe, no invitations,
no uptown mystique



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



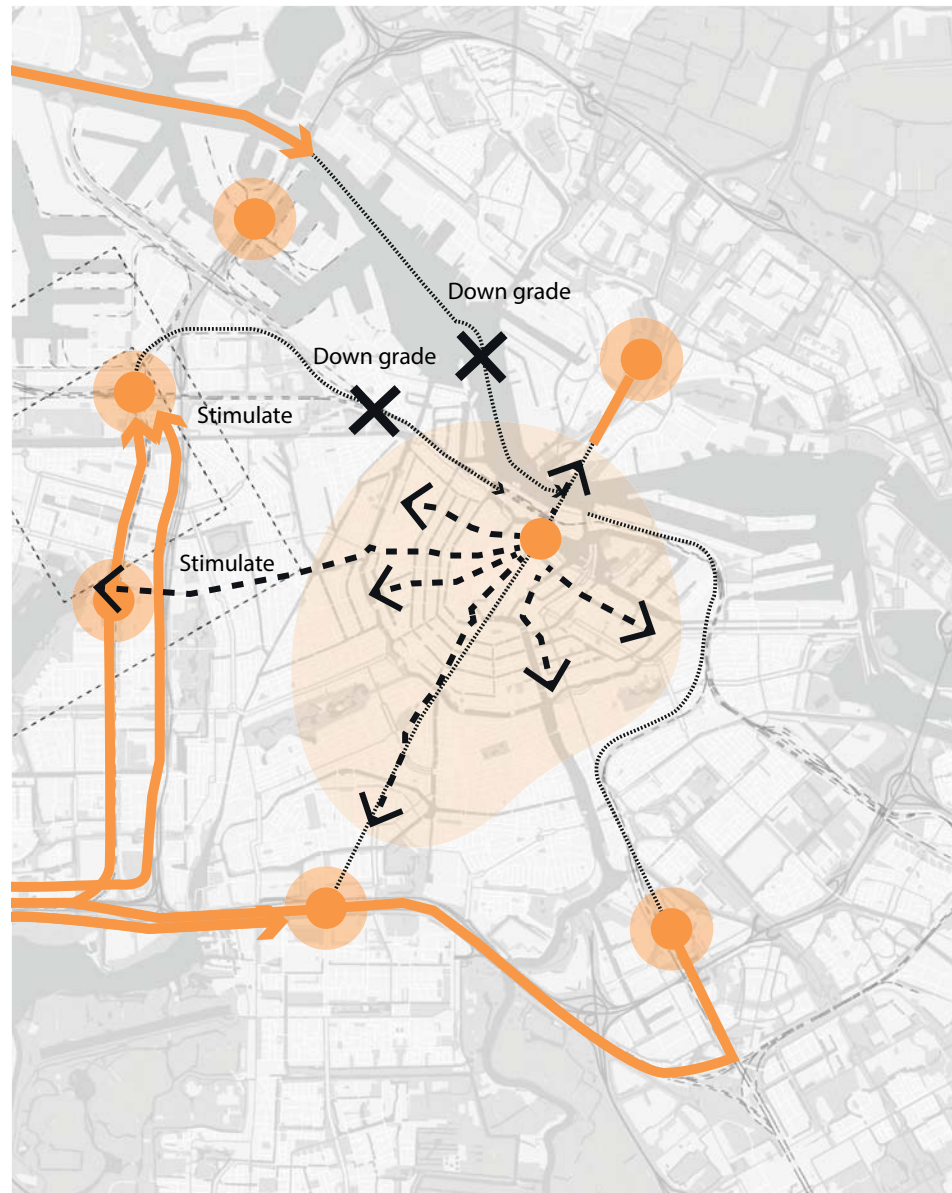
5. Study location

- Option 1
- Option 2
- Option 3
- Option 4

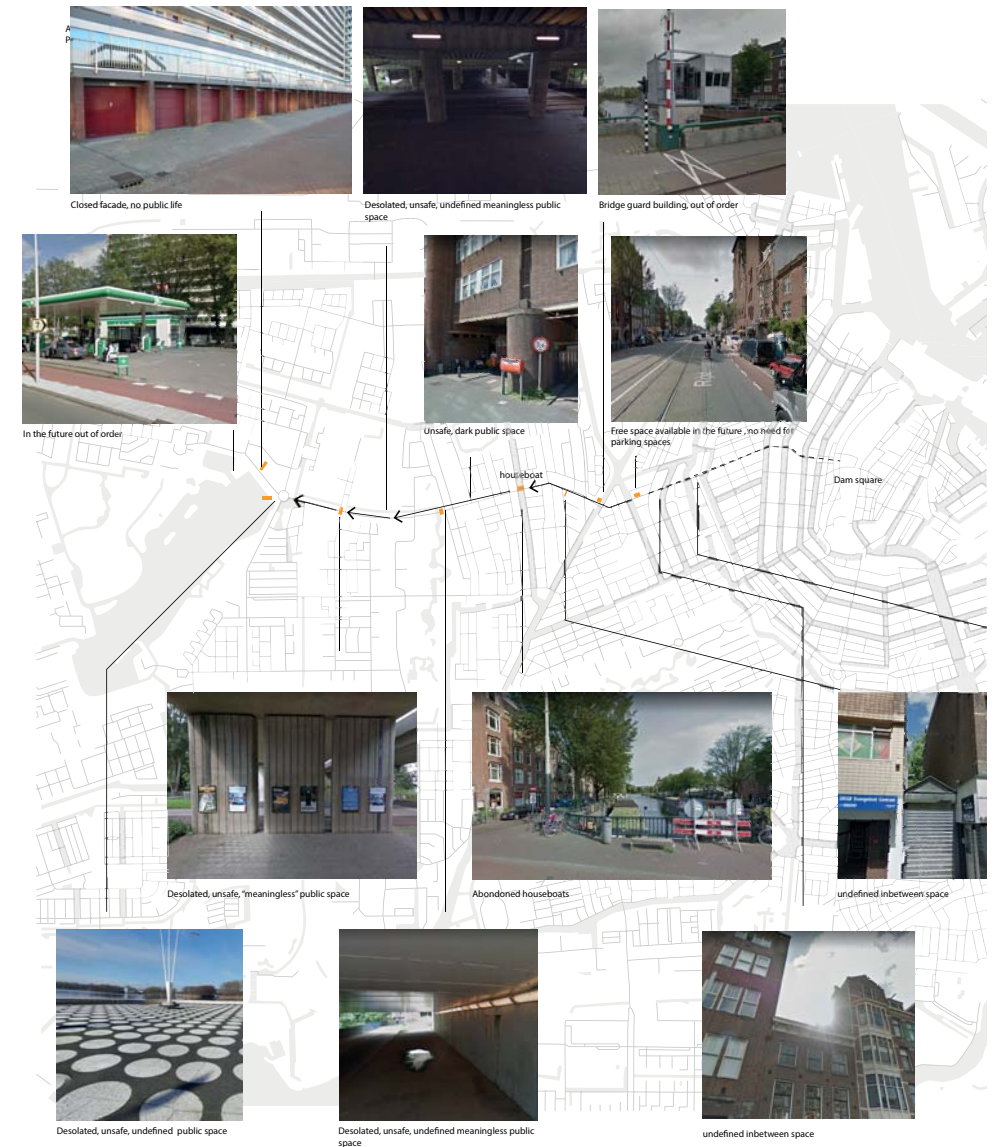


5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



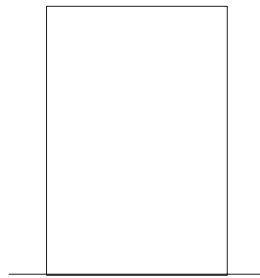
groups vision
----- 1 km



abandoned structures
----- 1 km

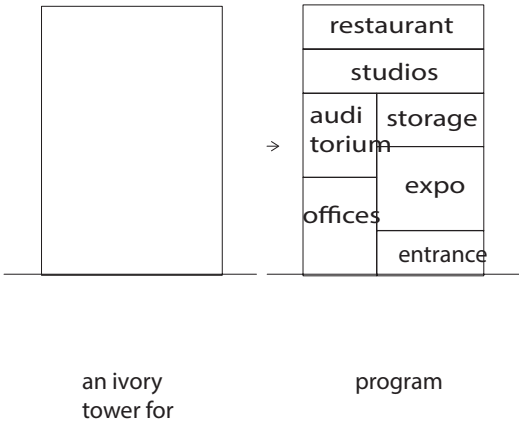
5. Study location

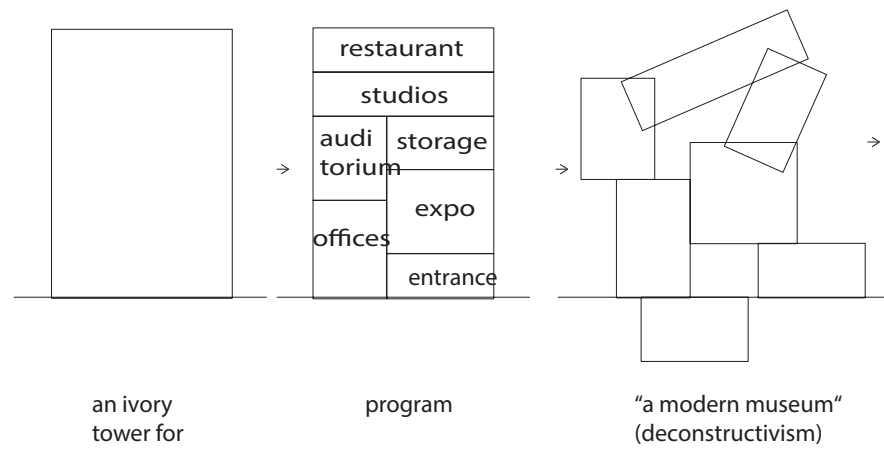
- Option 1
- Option 2
- Option 3
- Option 4



an ivory
tower for

5. Study location
- Option 1
 - Option 2
 - Option 3
 - Option 4





5. Study location

- Option 1
- Option 2
- Option 3
- Option 4



5. Study location

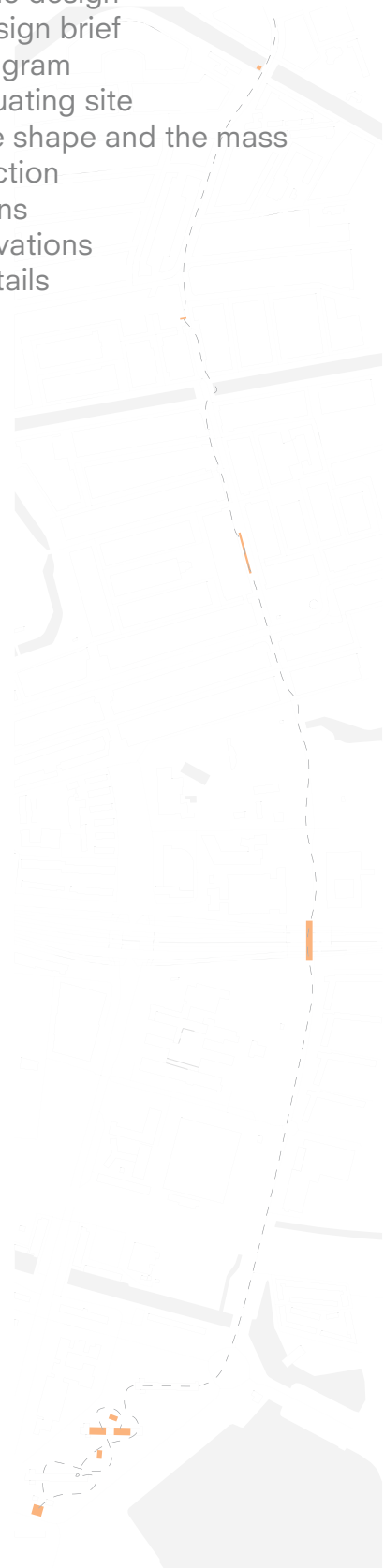
- Option 1
- Option 2
- Option 3
- Option 4

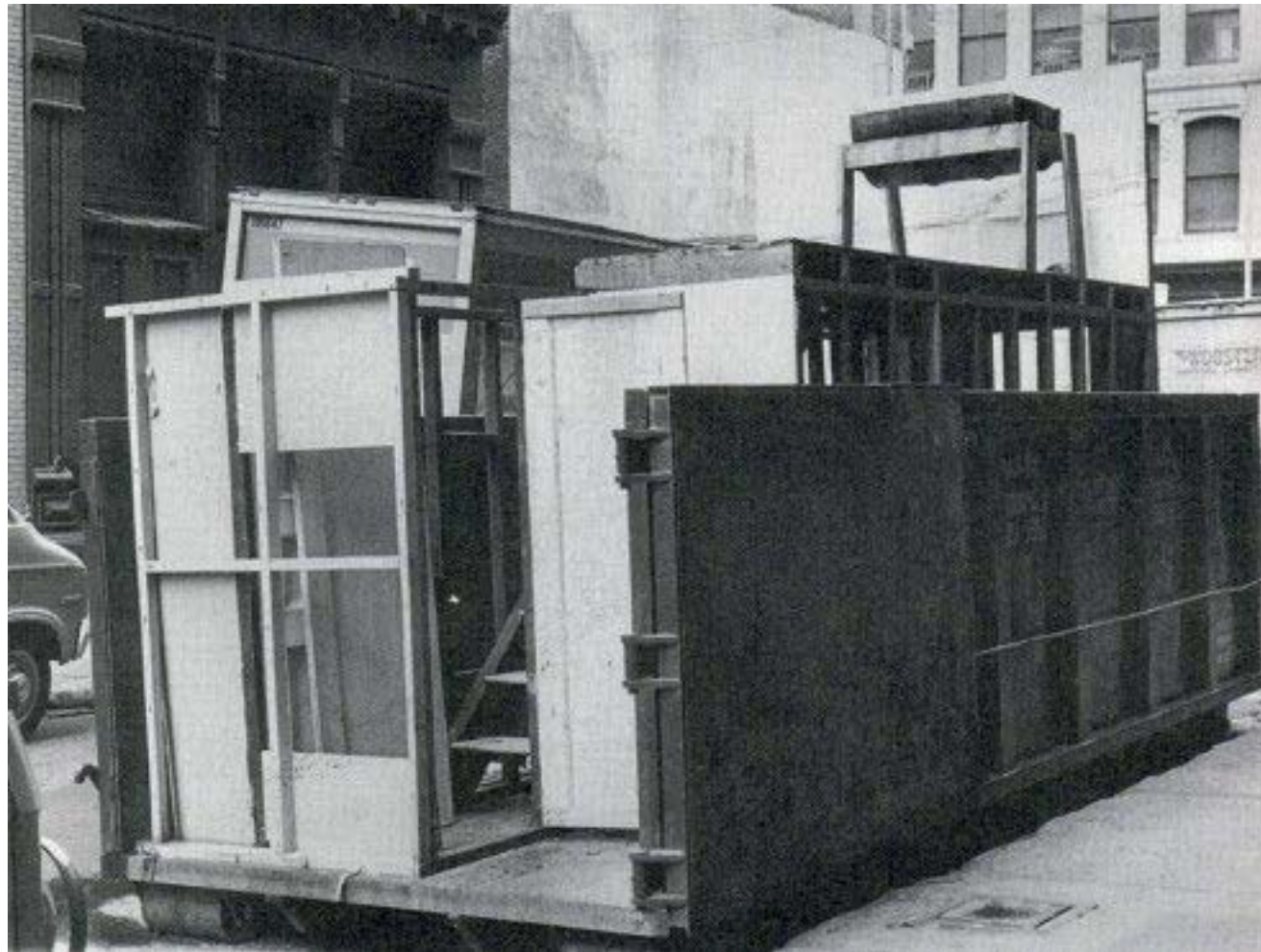


6. The design

- Design brief
- Program
- Situating site
- The shape and the mass
- Section
- Plans
- Elevations
- Details

- Chain of rooms facilitating the young artist

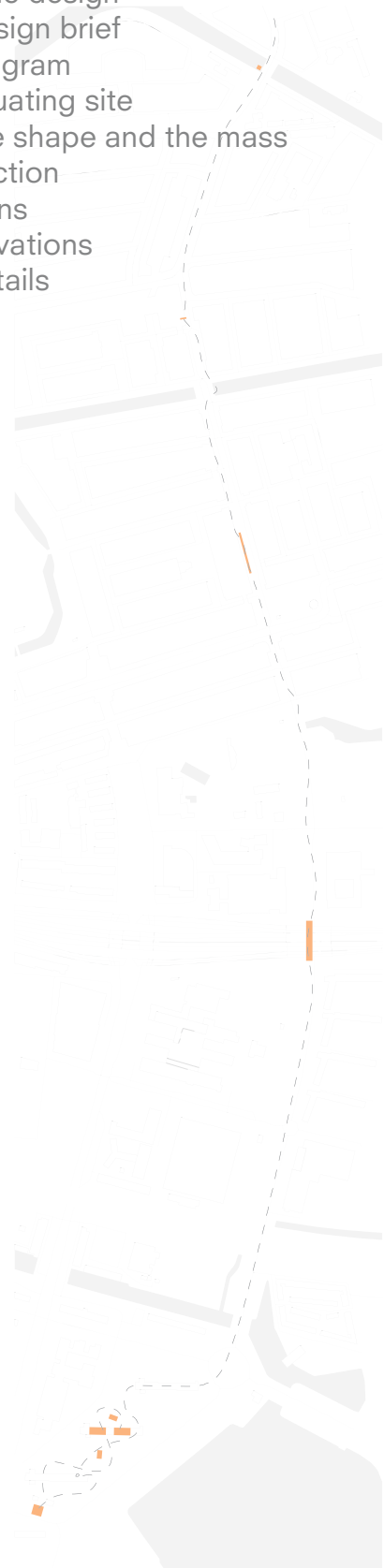






6. The design

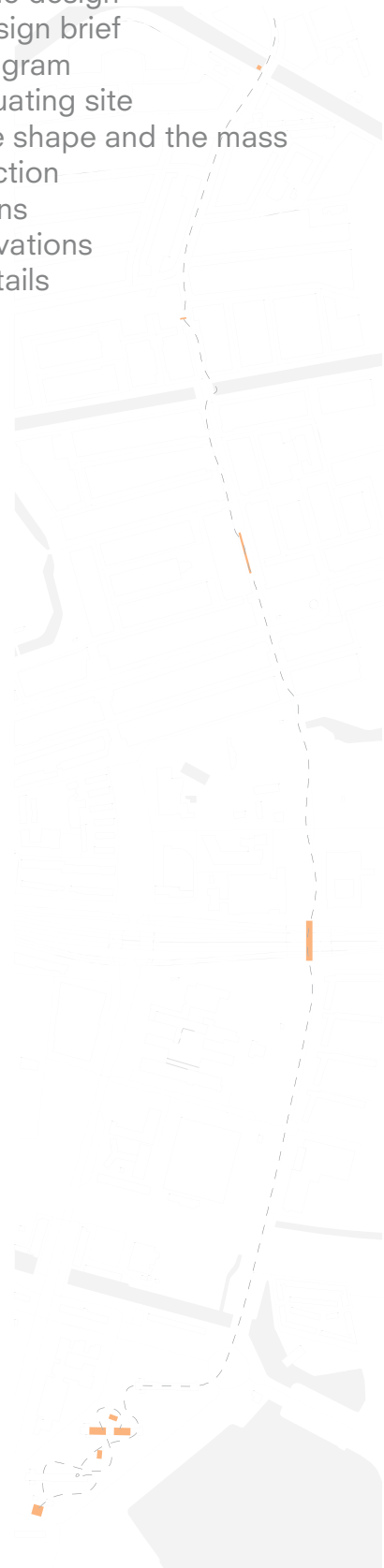
- Design brief
- Program
- Situating site
- The shape and the mass
- Section
- Plans
- Elevations
- Details



- Chain of rooms facilitating the young artist
- All together they facilitate a contemporary art route for the tourists

6. The design

- Design brief
- Program
- Situating site
- The shape and the mass
- Section
- Plans
- Elevations
- Details

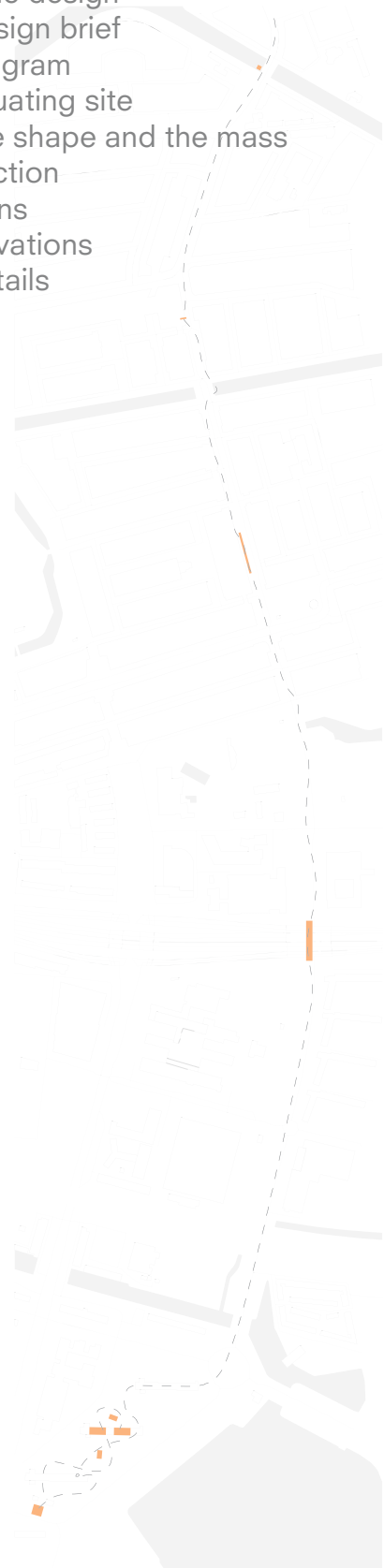


- Chain of rooms facilitating the young artist
- All together they facilitate a contemporary art route for the tourists
- Strong related schape; visited one, curious about the next



6. The design

- Design brief
- Program
- Situating site
- The shape and the mass
- Section
- Plans
- Elevations
- Details

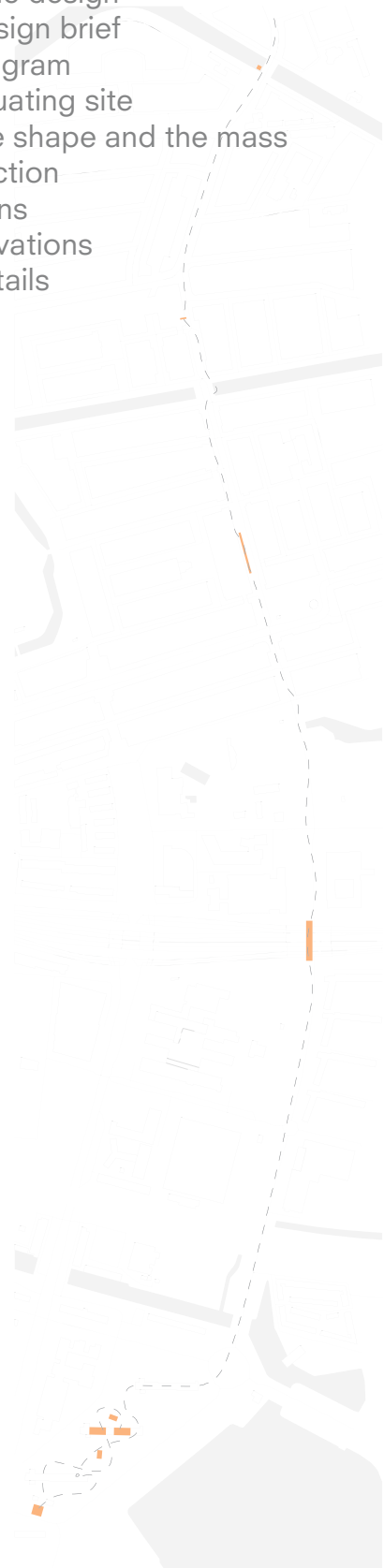


- Chain of rooms all together facilitating the young artist
- All together they are a contemporary art route for the tourists
- Strong related schape; visited one, curious about the next
- Linked with the context, Amsterdamse school, inspired by brick architecture



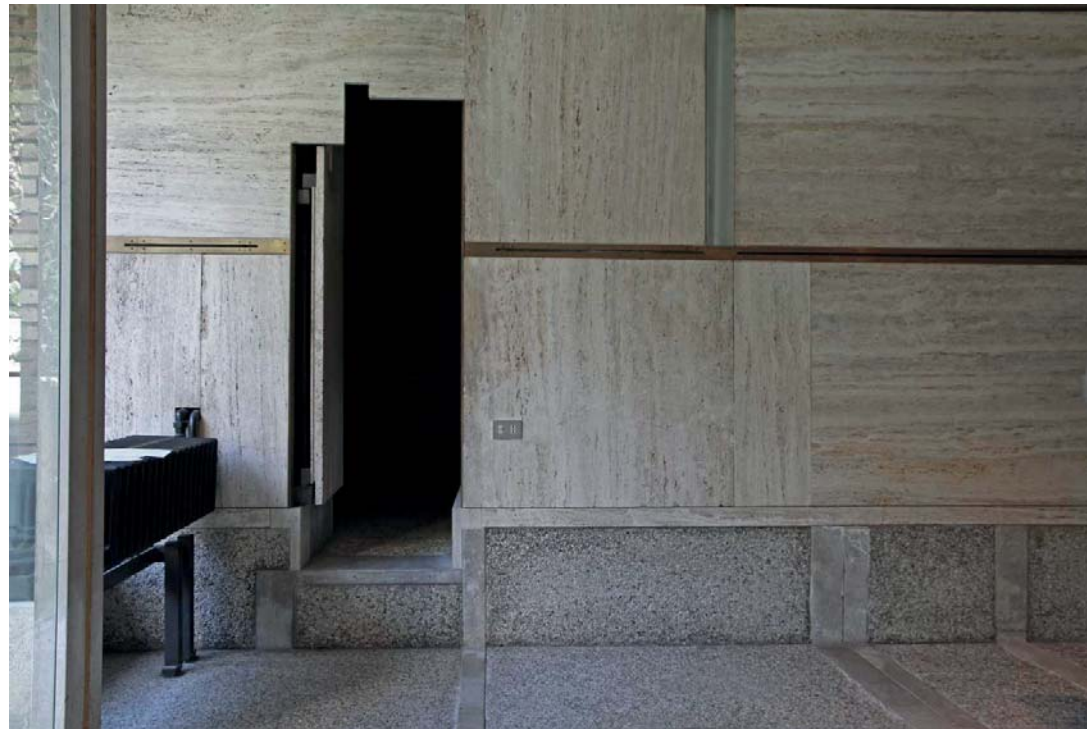
6. The design

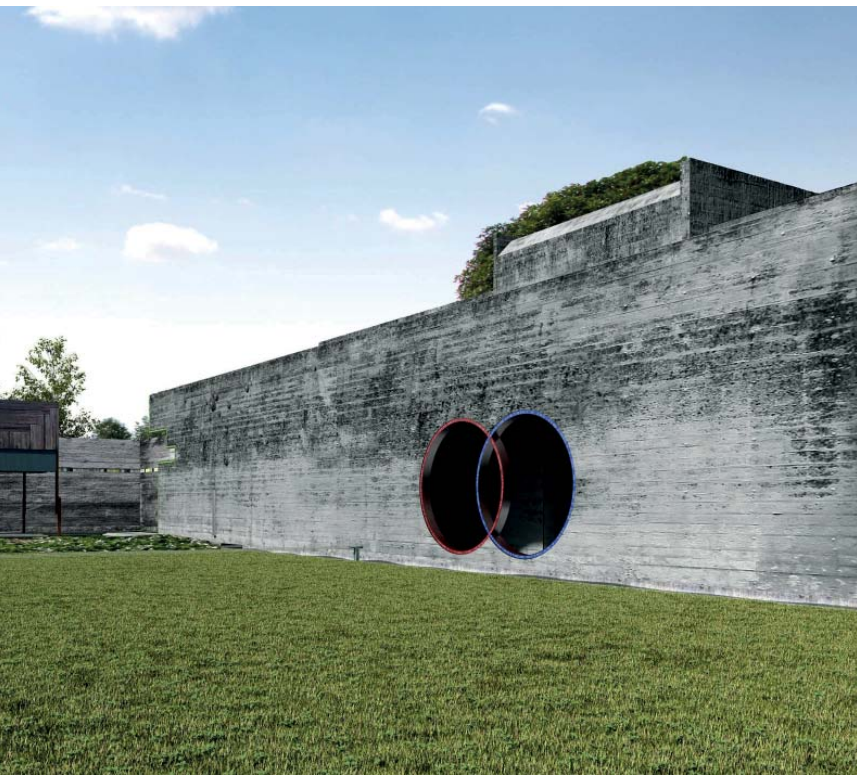
- Design brief
- Program
- Situating site
- The shape and the mass
- Section
- Plans
- Elevations
- Details



- Chain of rooms all together facilitating the young artist
- All together they are a contemporary art route for the tourists
- Strong related schape; visited one, curious about the next
- Linked with the context, Amsterdamse school
- The act of entering the rooms has to change your mindset



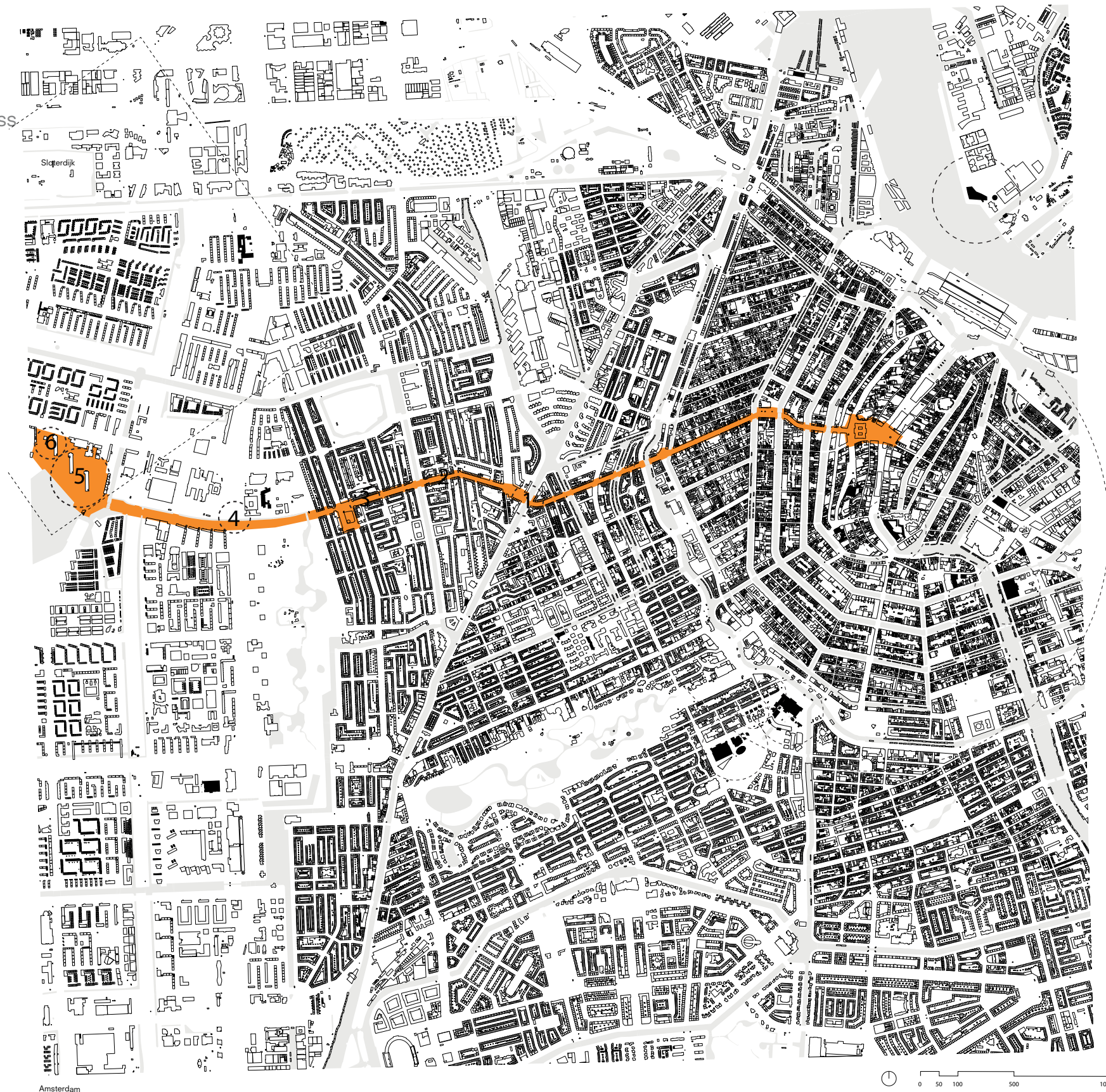


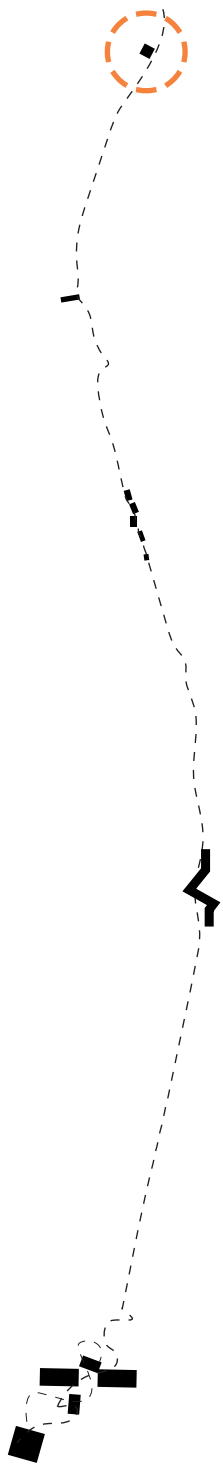


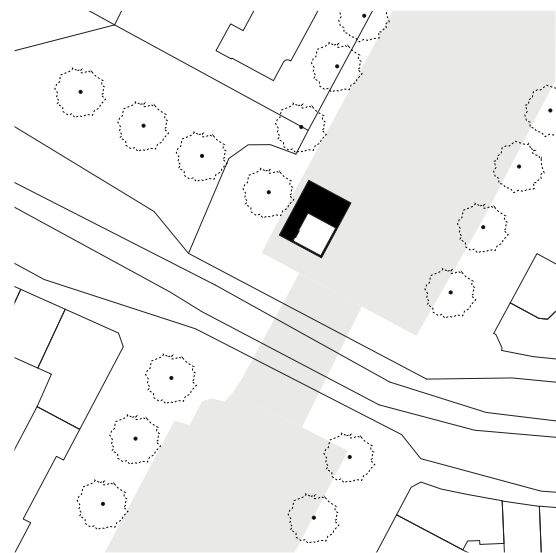
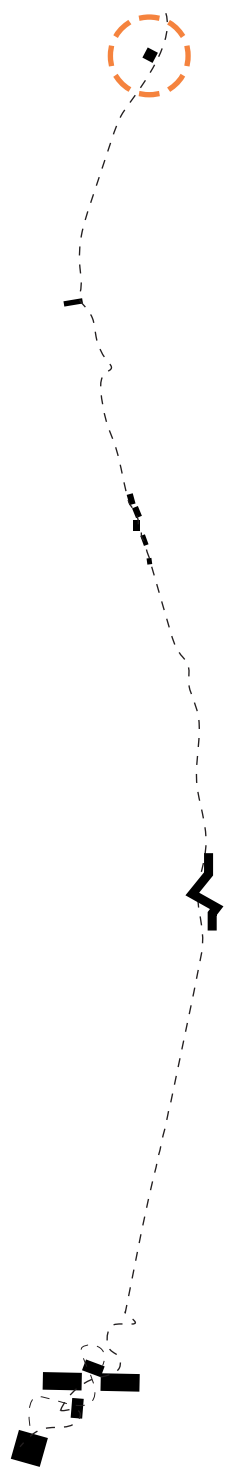
Exposition / gallery	(volume 1)		120 m2	Multifunctional space Coffee bar/block Gender neutral toilet	 115 m2  5 m2
Exposition / gallery	(volume 2)		60 m2	Multifunctional space Coffee bar/block Gender neutral toilet	 50 m2  5 m2  5 m2
Exposition / gallery	(volume 3)		70 m2	Multifunctional space Coffee bar/block Gender neutral toilet	 60 m2  5 m2  5 m2
Exposition / gallery	(volume 4)		250 m2	Multifunctional space, focus on exposition space Coffee bar/block Gender neutral toilet	 240 m2  5 m2  5 m2
Expositions / gallery's Restaurant Offices Storage Studios	(volume 5)		3300 m2	Multifunctional space, focus on exposition space Coffee bar/block for employees 2x4 (visitors, employees) gender neutral toilets Storage Offices Studios Restaurant:	 900 m2  60 m2  40 m2 (2x 20m2)  200 m2  450 m2  1650 m2 (10 studios)
			300 m2	Multifunctional space, focus on restaurant / bar Kitchen Four gender neutral toilets Storage	 160 m2  50 m2  20 m2  20 m2
Expositions / gallery's Art cinema / performance space / lectures	(volume 6)		260 m2	Multifunctional space, focus on performance space / lectures / (art)cinema Coffee bar/block Three gender neutral toilets	 225 m2  25 m2  10 m2
total: 4360 m2					

6. The design

- Design brief
- Program
- Situating site
- The shape and the mass
- Section
- Plans
- Elevations
- Details

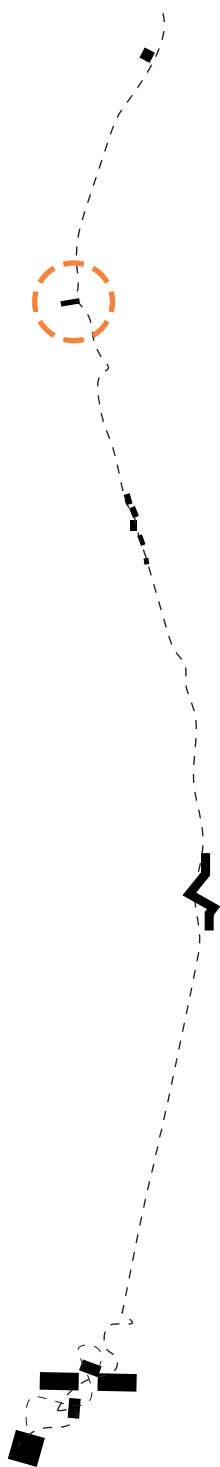


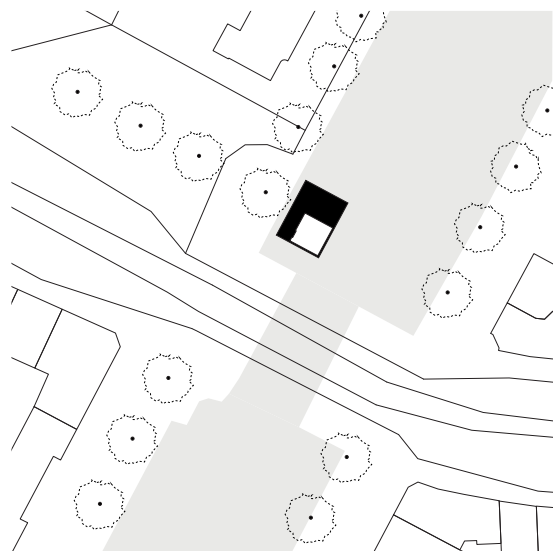
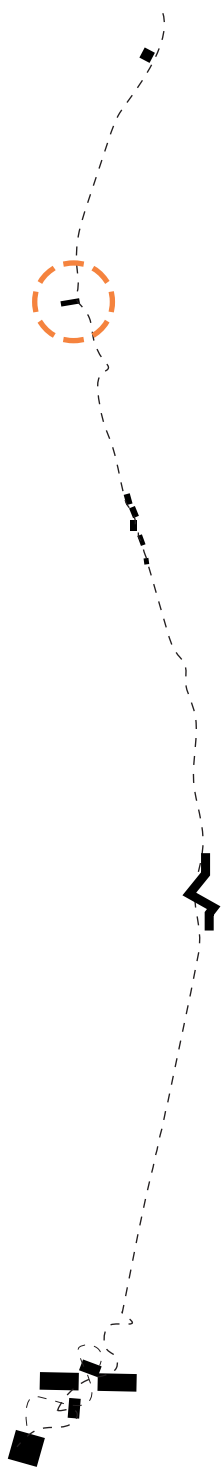




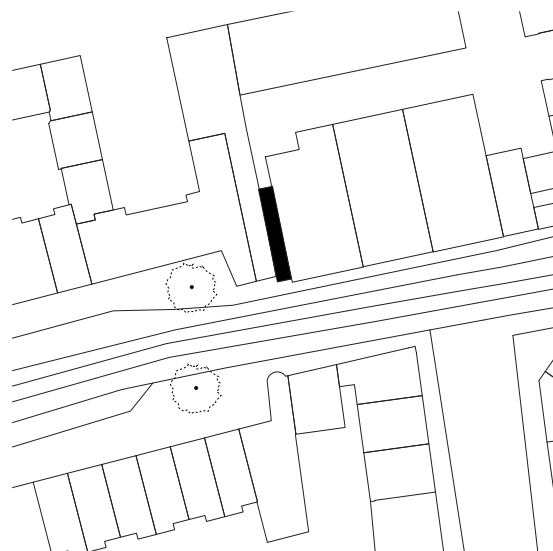
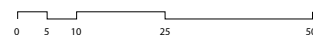
Room 1
Bridge keeper house
(automated)

0 5 10 25 50

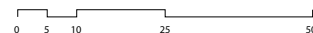


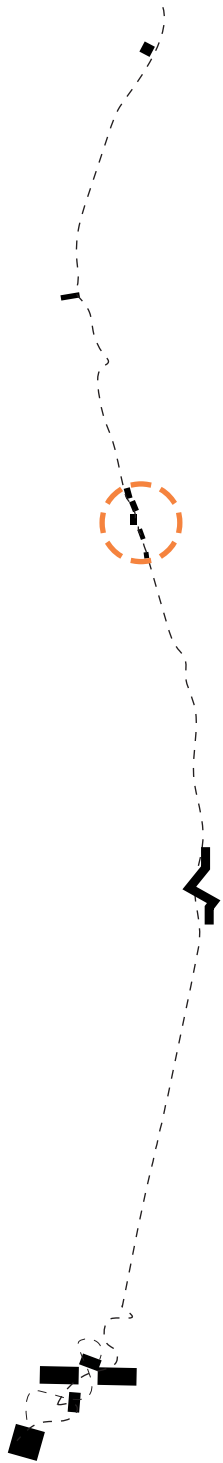


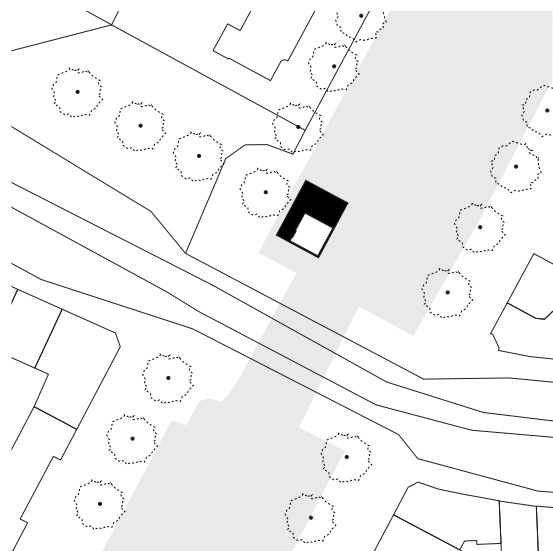
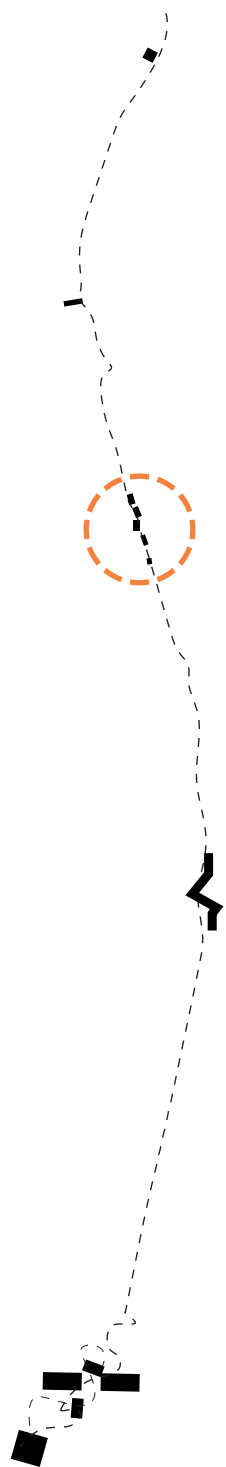
Room 1
Bridge keeper house
(automated)



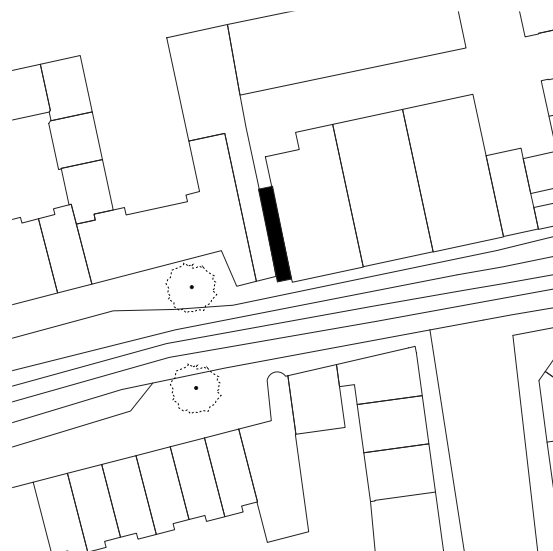
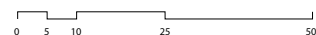
Room 2
Small inbetween
space
(Undefined void)



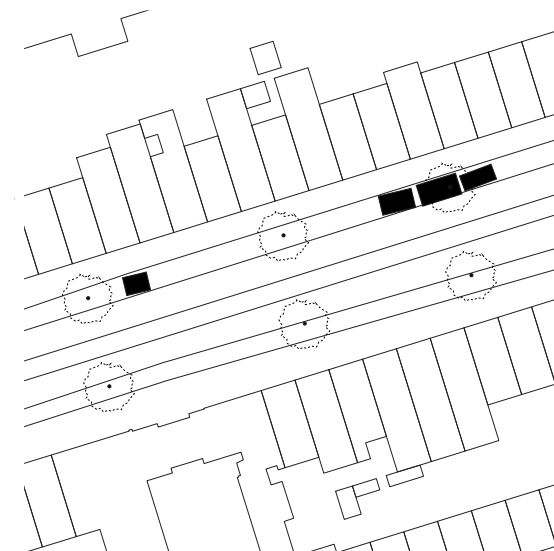
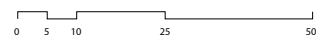




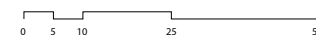
Room 1
Bridge keeper house
(automated)

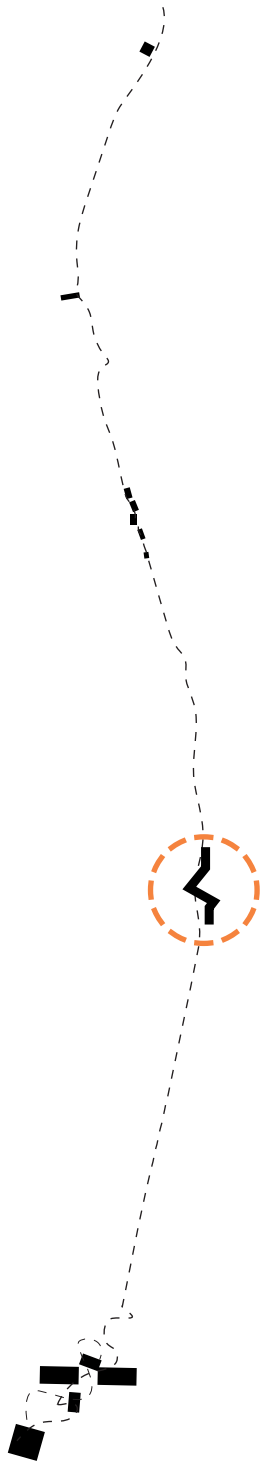


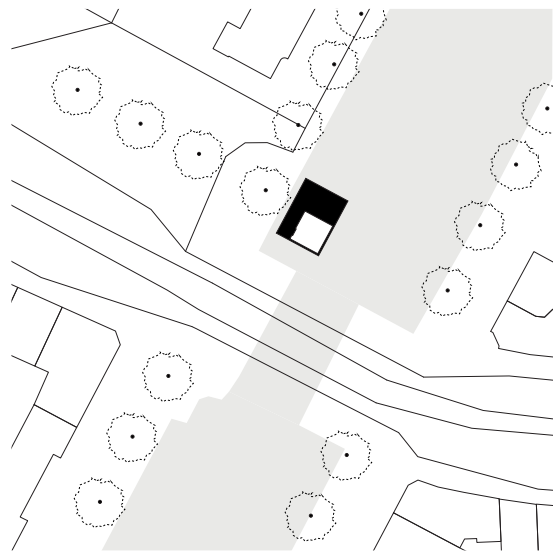
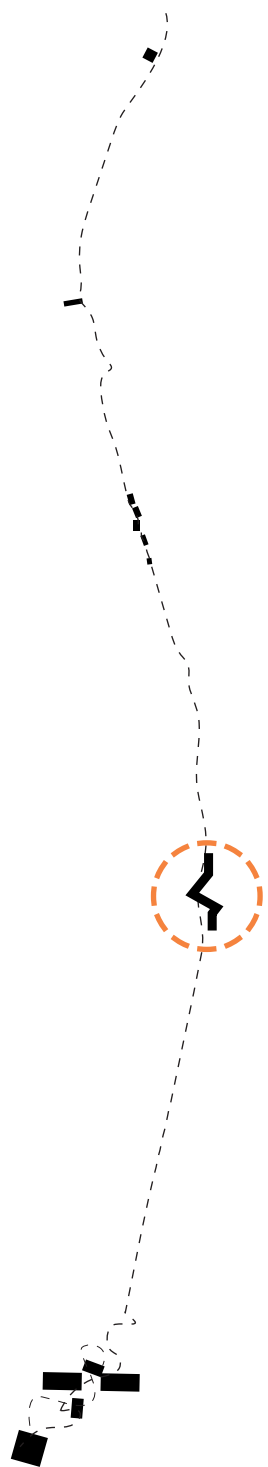
Room 2
Small inbetween
space
(Undefined void)



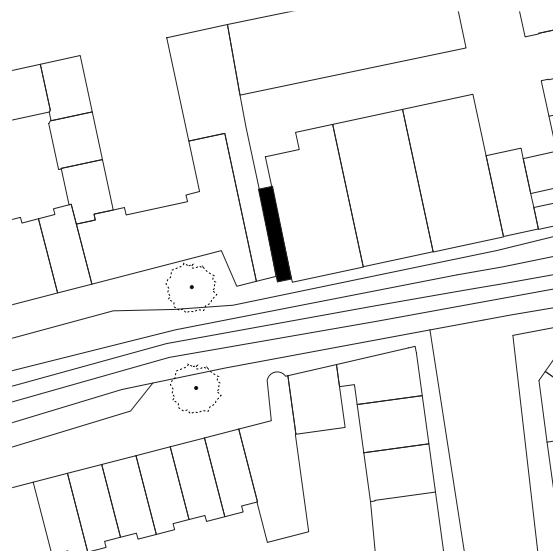
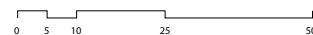
Room 3
Parking space
(Car free city center)



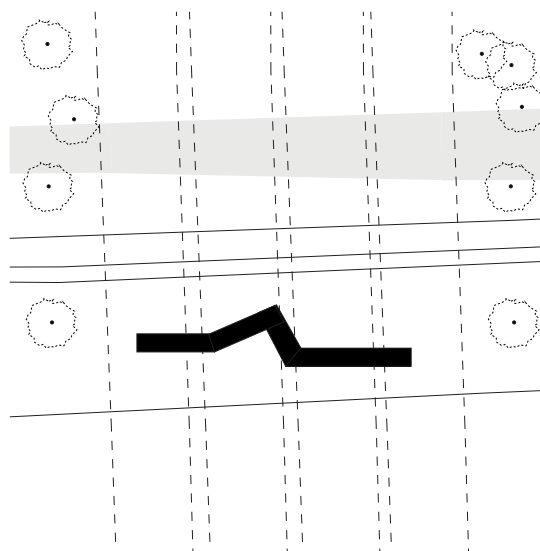
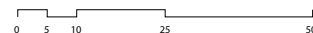




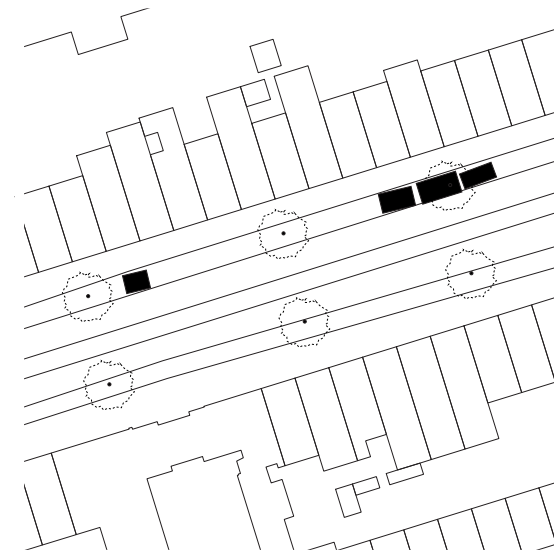
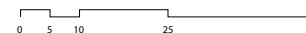
Room 1
Bridge keeper house
(automated)



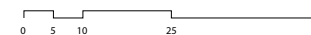
Room 2
Small inbetween
space
(Undefined void)

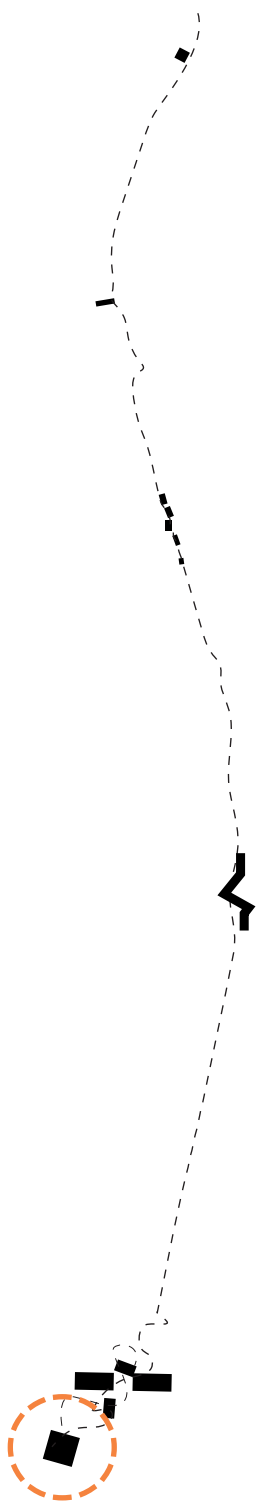


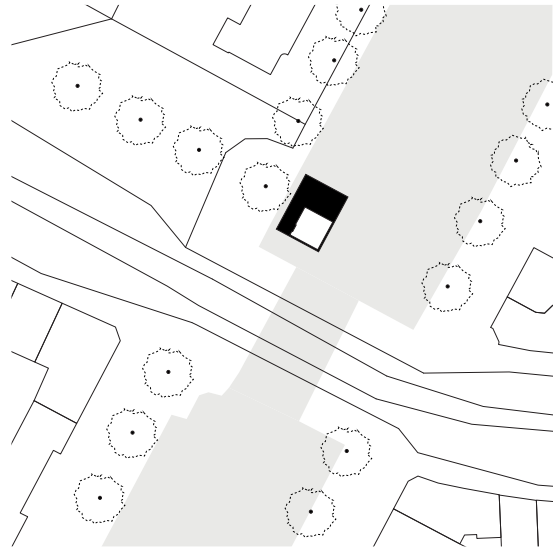
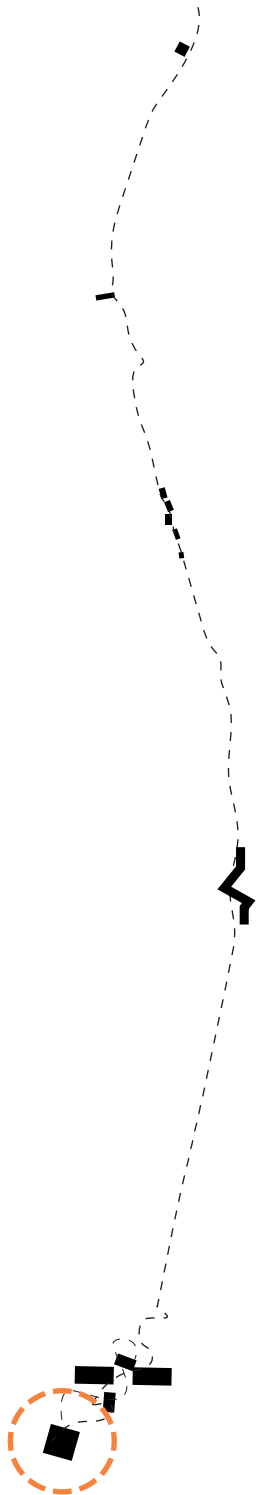
Room 4
Space underneath
bridge structure
(Undefined void)



Room 3
Parking space
(Car free city center)

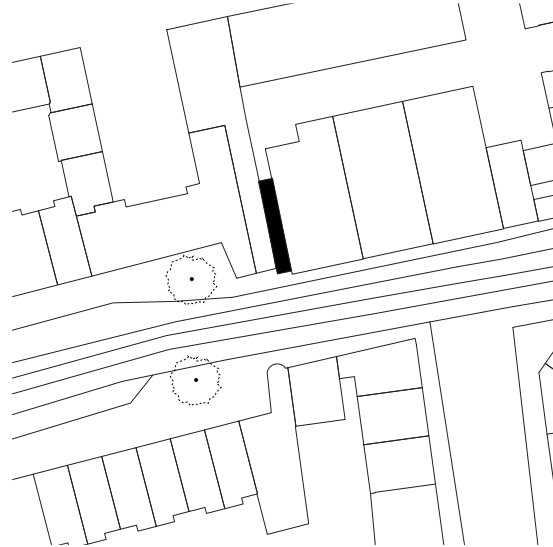






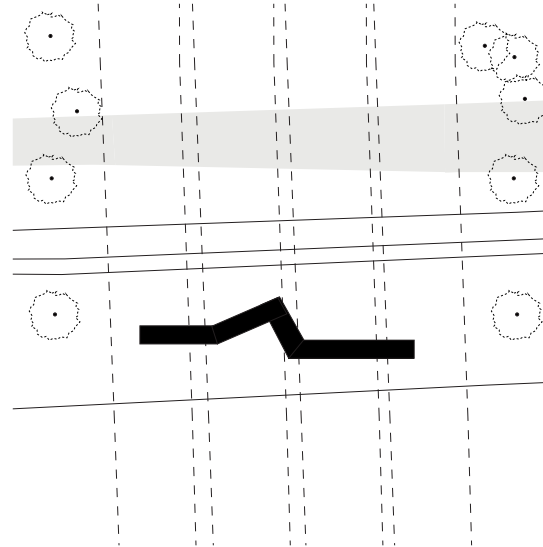
Room 1
Bridge keeper house
(automated)

0 5 10 25 50



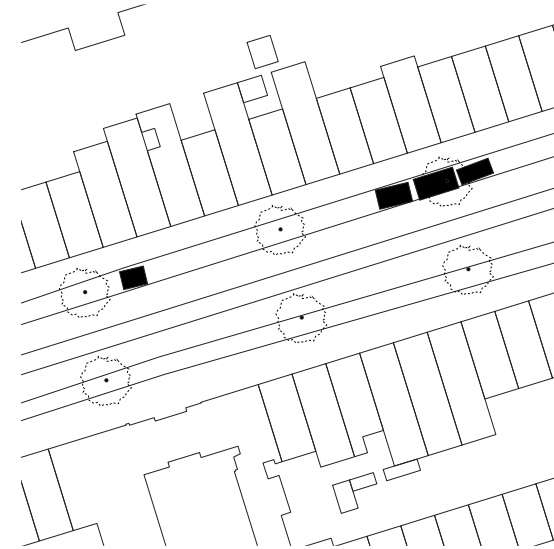
Room 2
Small inbetween
space
(Undefined void)

0 5 10 25 50



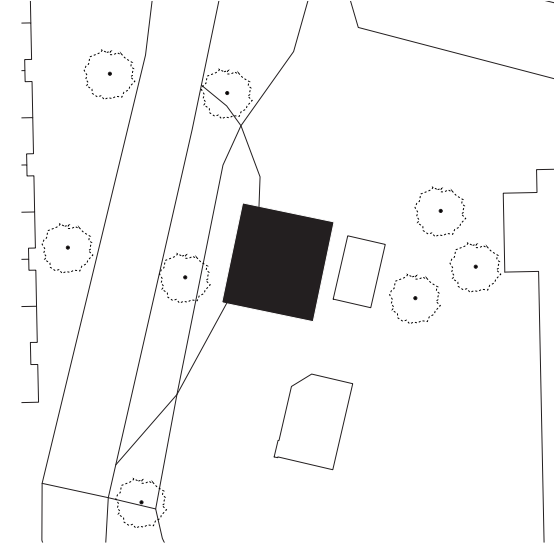
Room 4
Space underneath
bridge structure
(Undefined void)

0 5 10 25 50



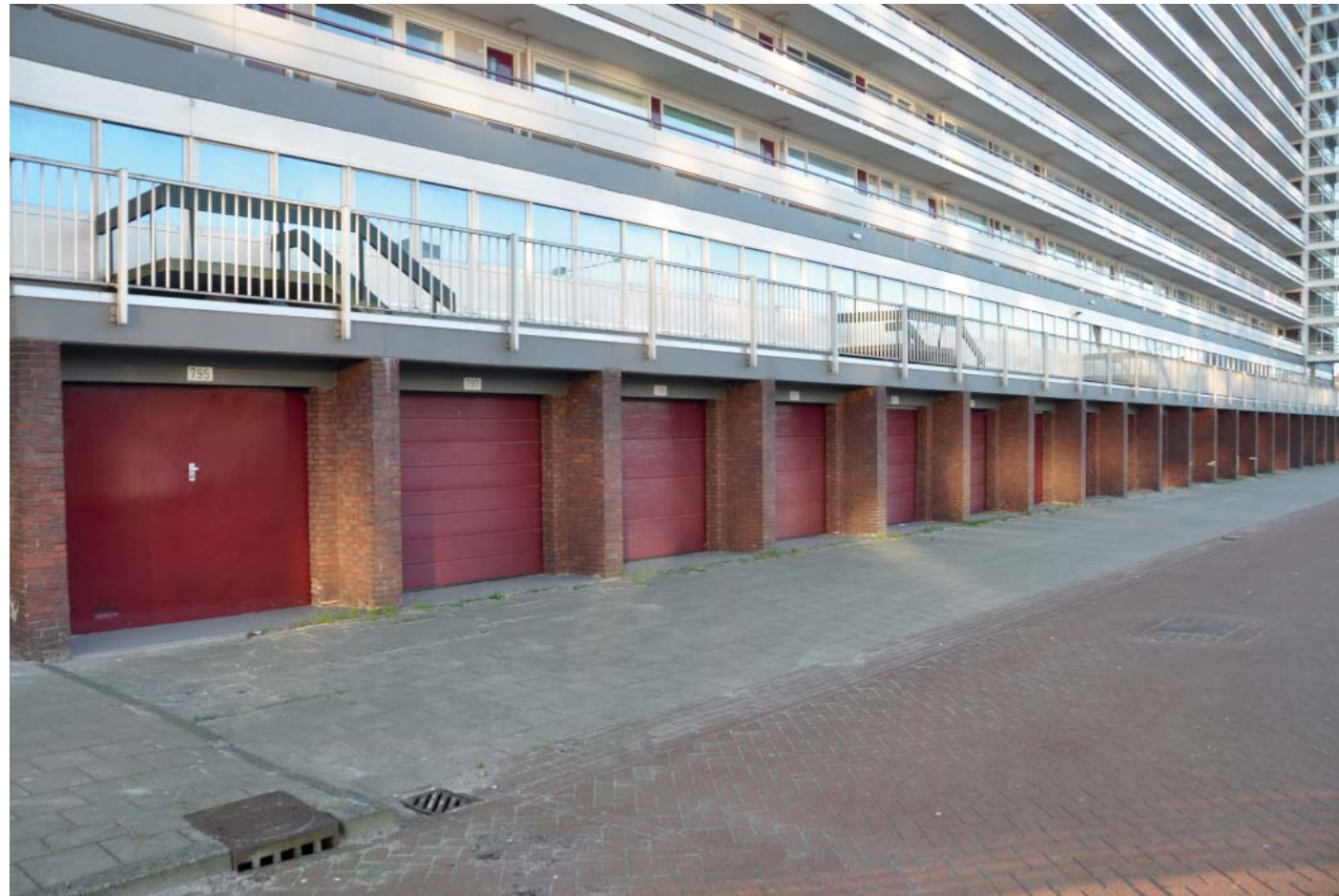
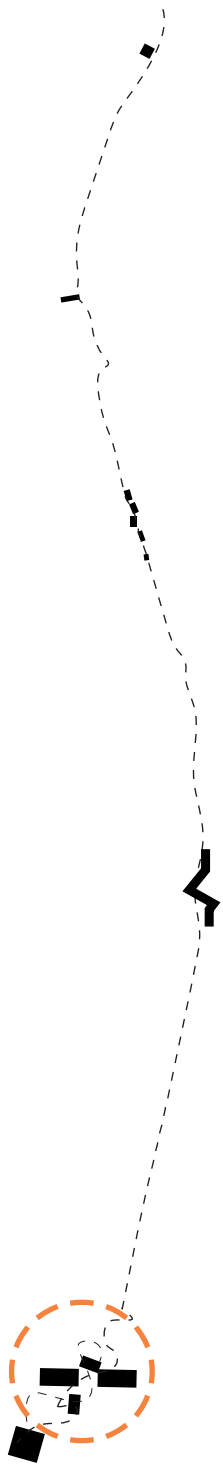
Room 3
Parking space
(Car free city center)

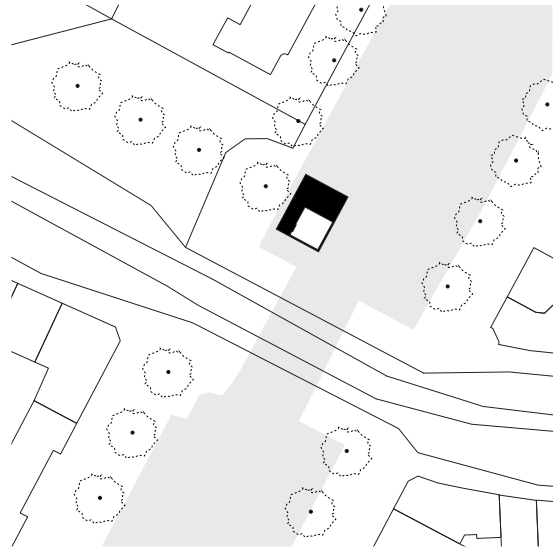
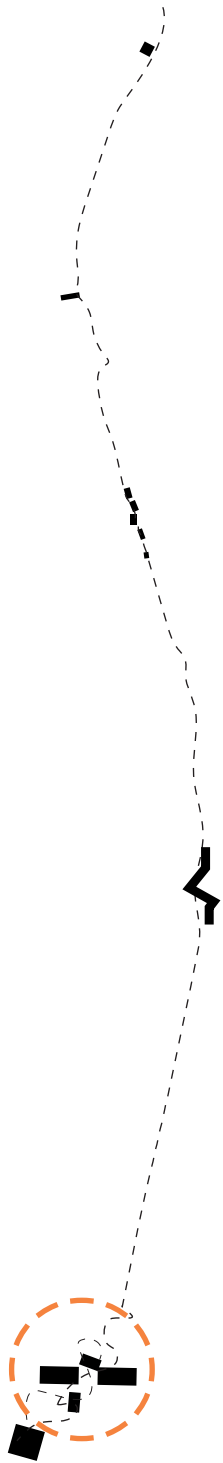
0 5 10 25 50



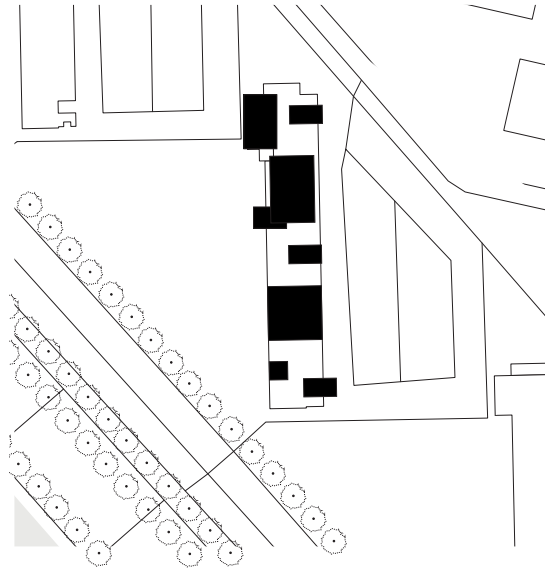
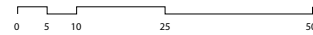
Room 6
Gasstation
(No longer in use
through the rise of
electric cars)

0 5 10 25 50

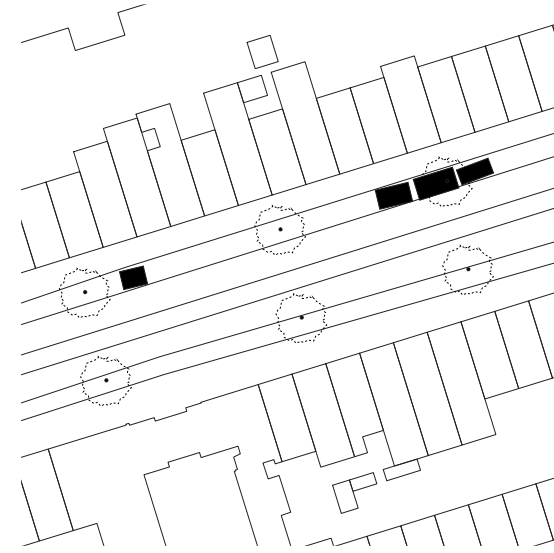
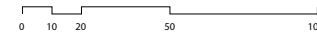




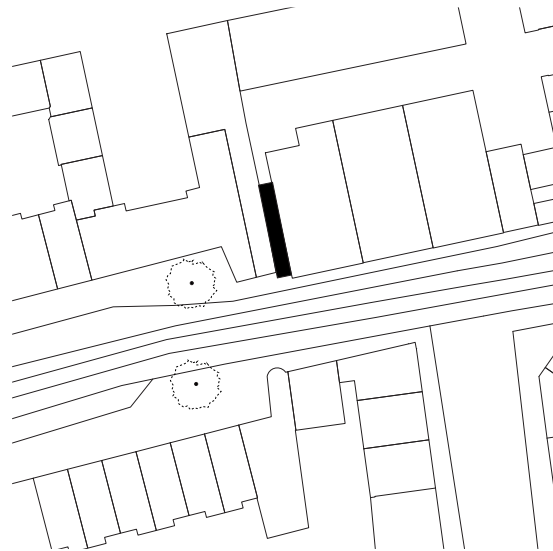
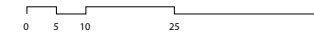
Room 1
Bridge keeper house
(automated)



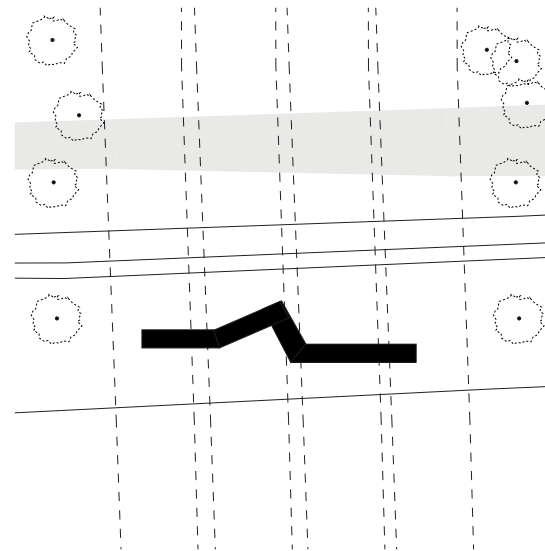
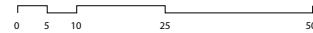
Room 5
Apartment complex
(Outdated)



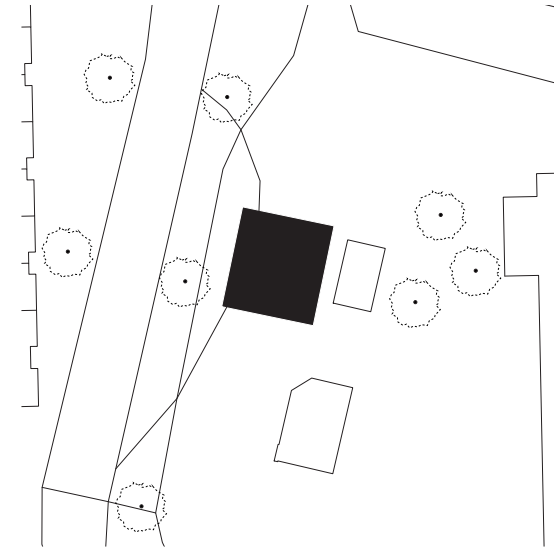
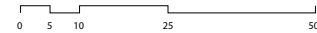
Room 3
Parking space
(Car free city center)



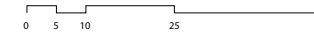
Room 2
Small inbetween
space
(Undefined void)



Room 4
Space underneath
bridge structure
(Undefined void)

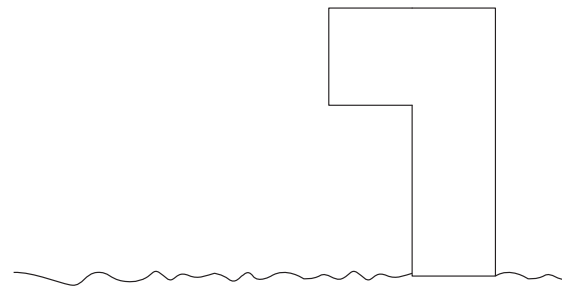


Room 6
Gasstation
(No longer in use
through the rise of
electric cars)



6. The design

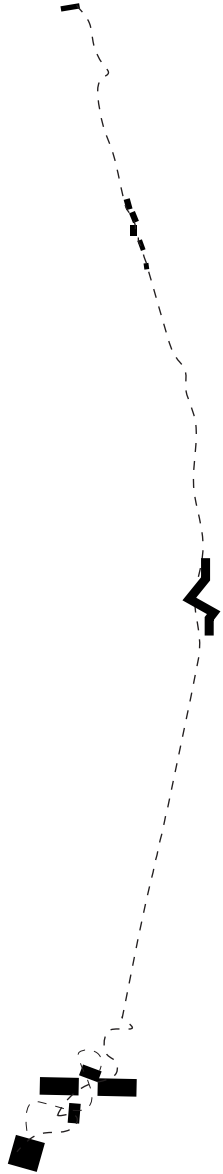
- Design brief
- Program
- Situating site
- The shape and the mass
- Section
- Plans
- Elevations
- Details

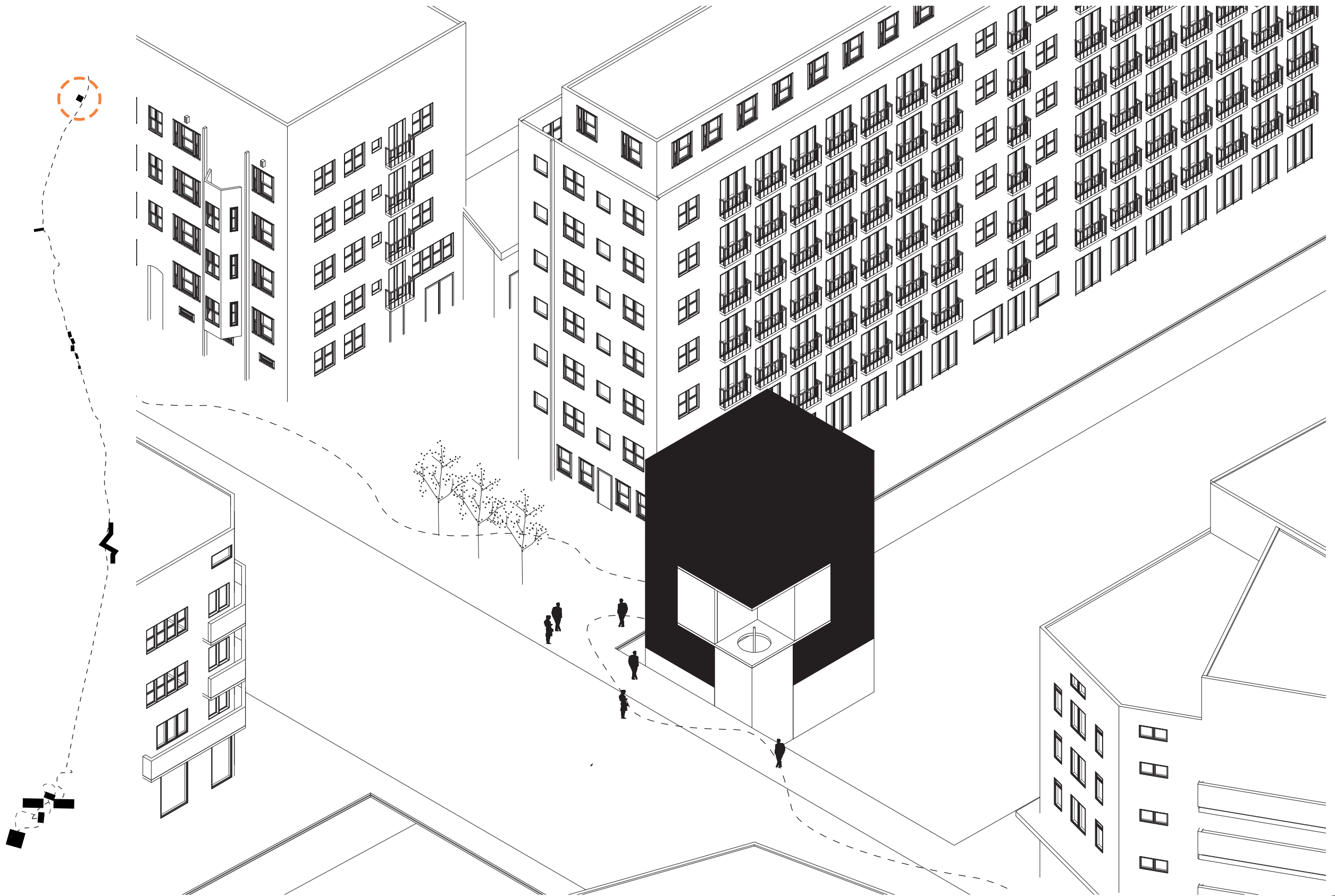


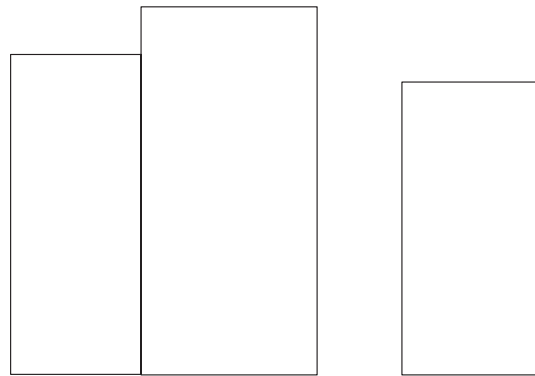
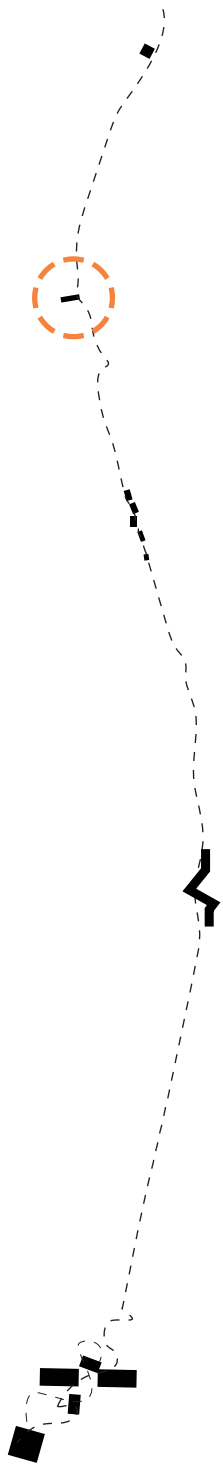
abandoned,
desolated
useless
bridgehouse



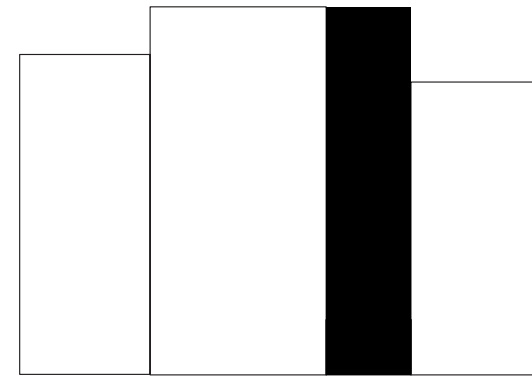
tower with
(isolated) room
in the middle of
the water





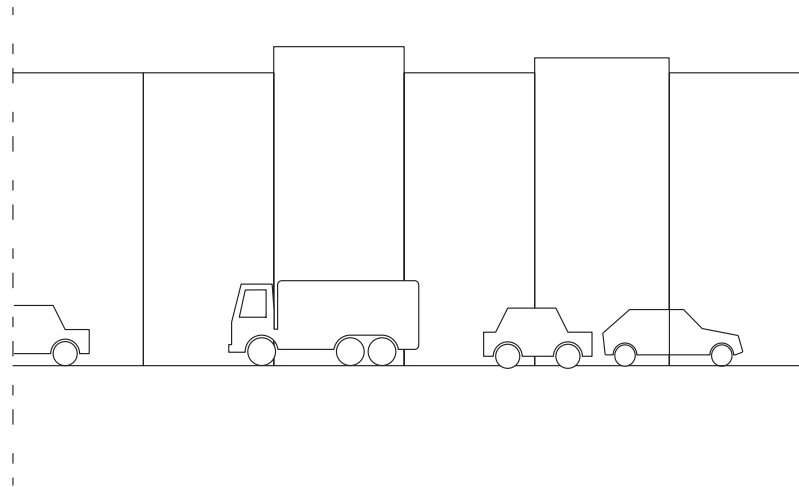
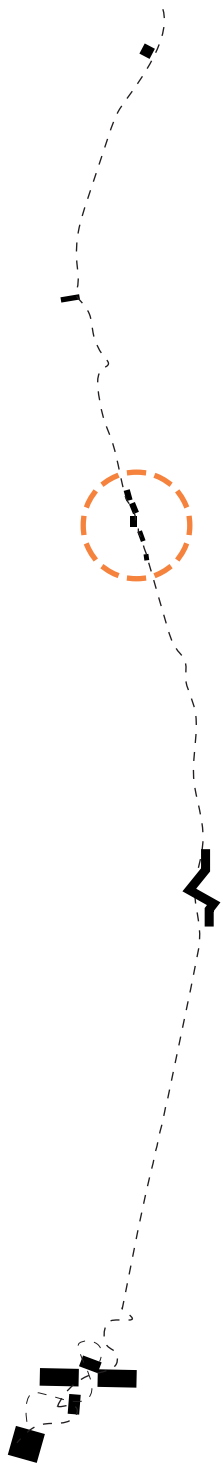


unusable
space
inbetween two
houses

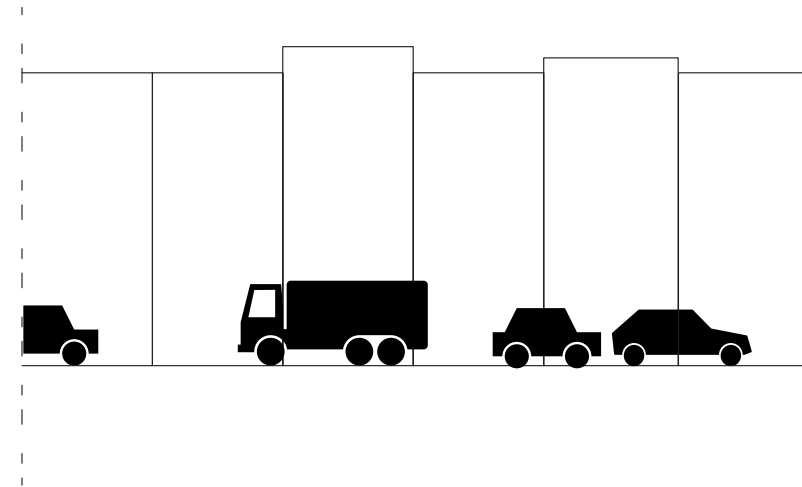


introvert void

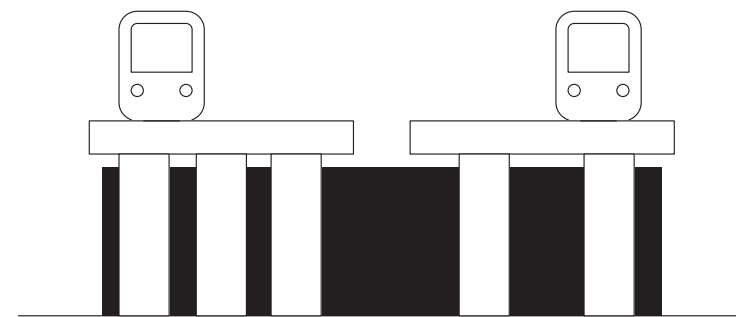
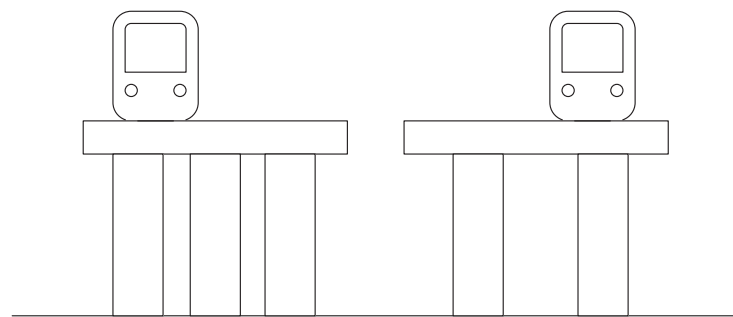
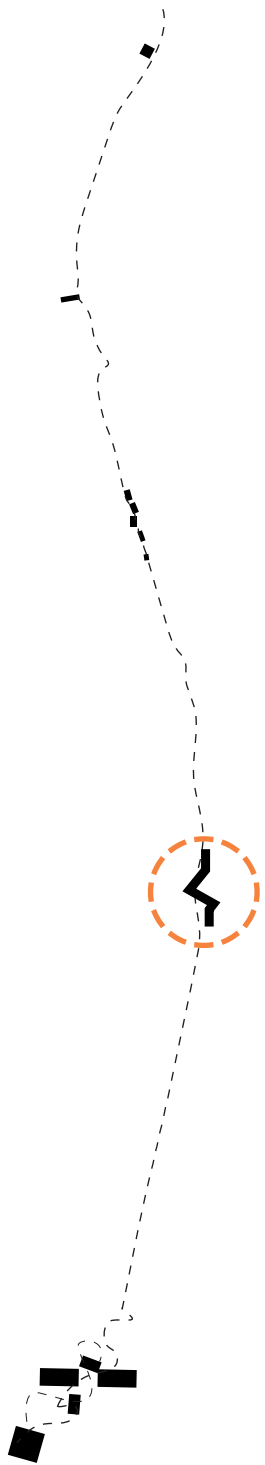




abandoned,
unusable public
space (2050)

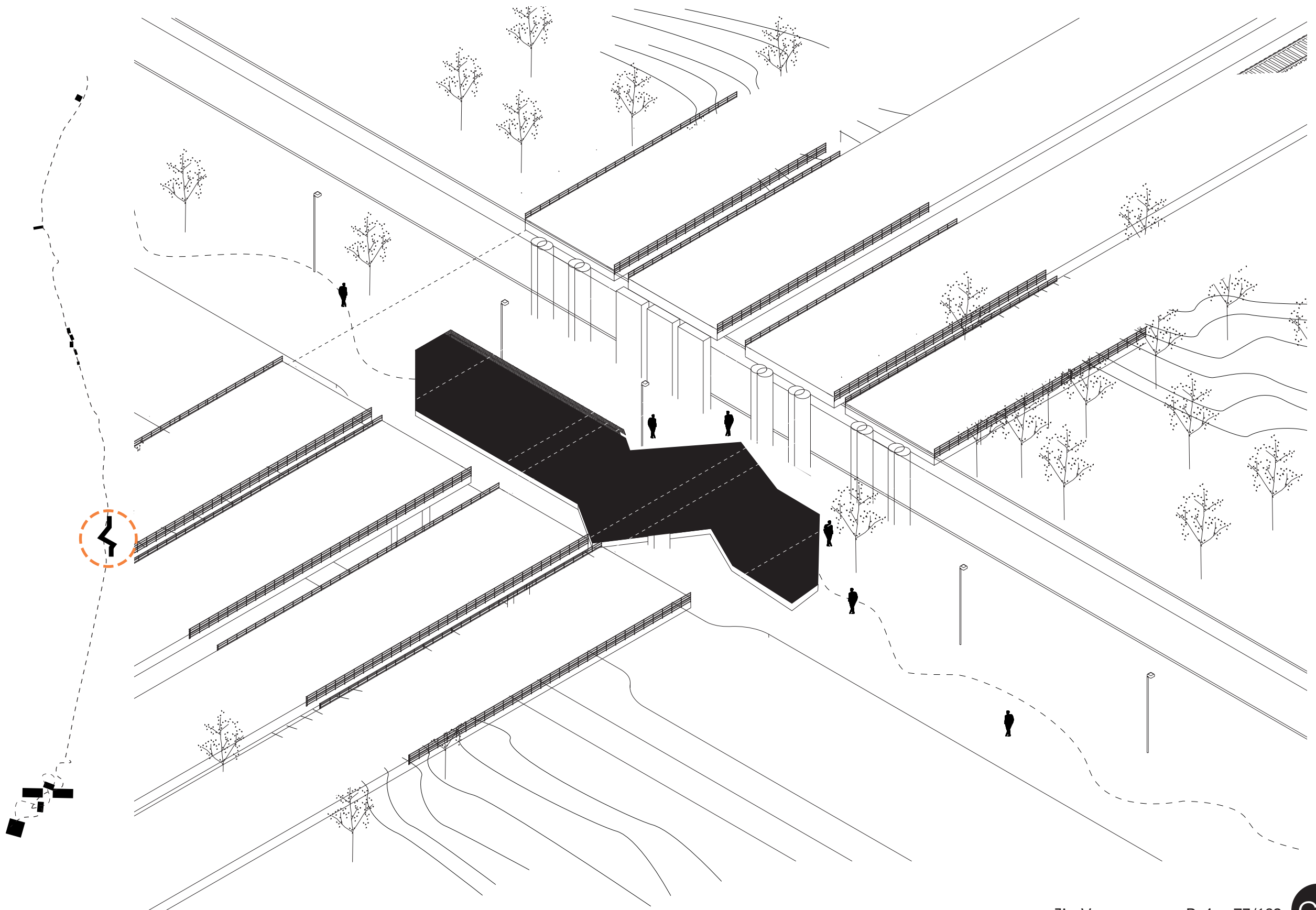


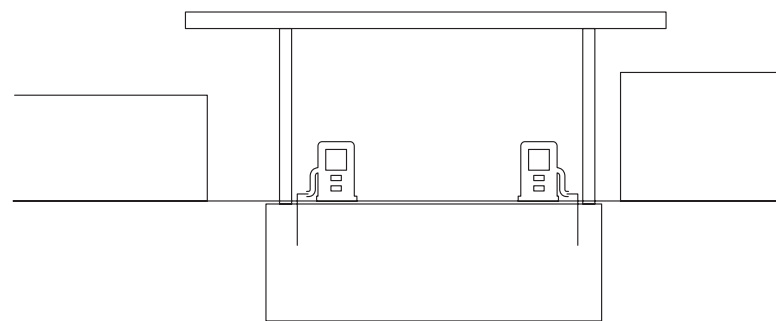
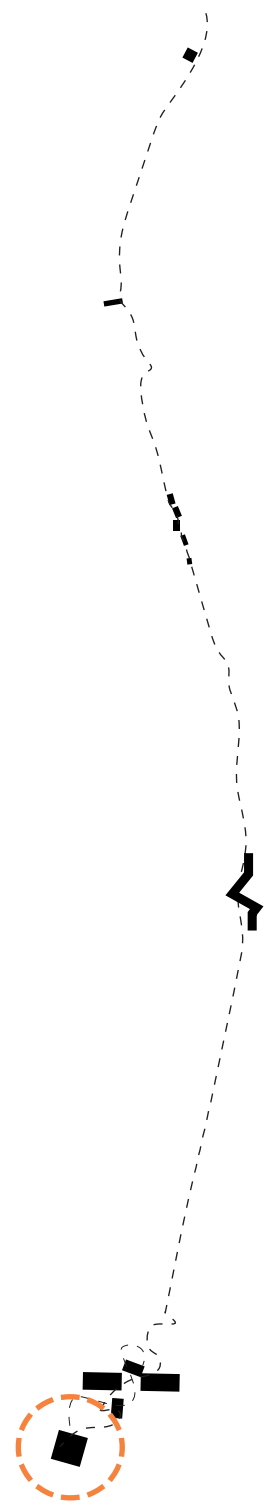
location's distinctive
atmosphere: masses
in between sidewalk and
pathway, greenery, long
horizontal space



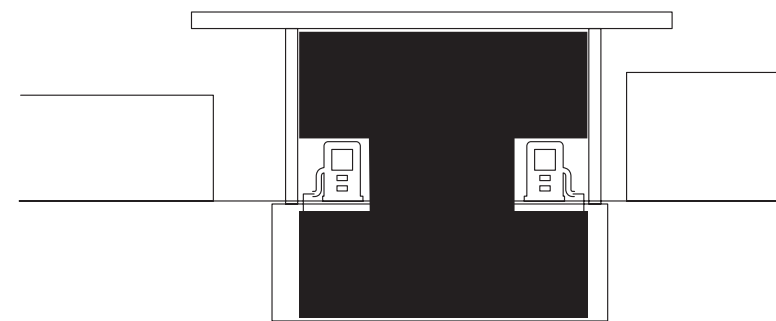
unusable void
underneath
bridge structure

roofstructure, big
structural columns
sprayed with graffiti

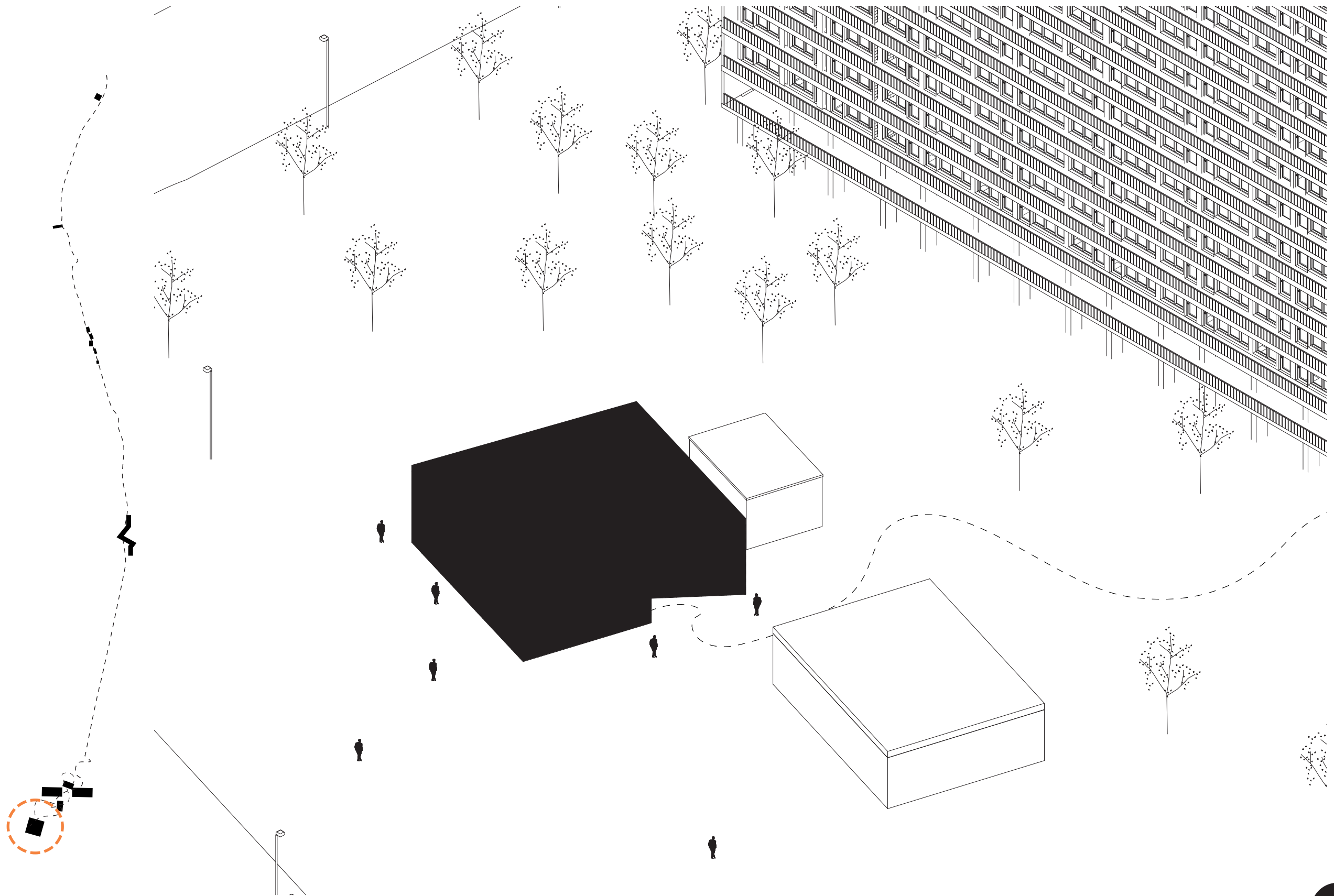


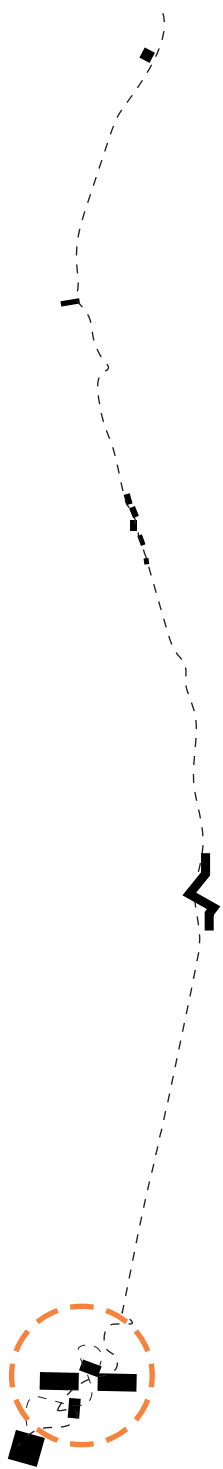


abandoned,
unusable
structure (2050)

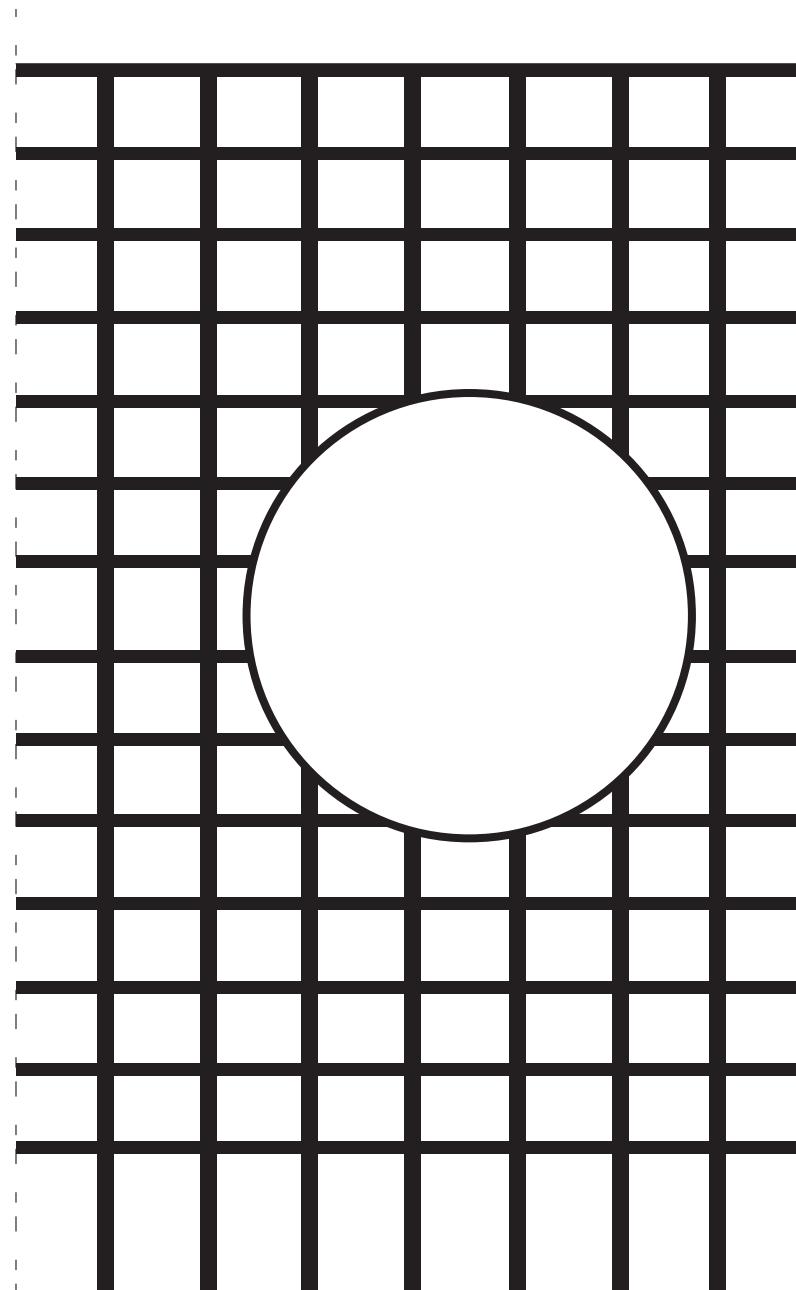


roofstructure,
useful void of
former oil tanks

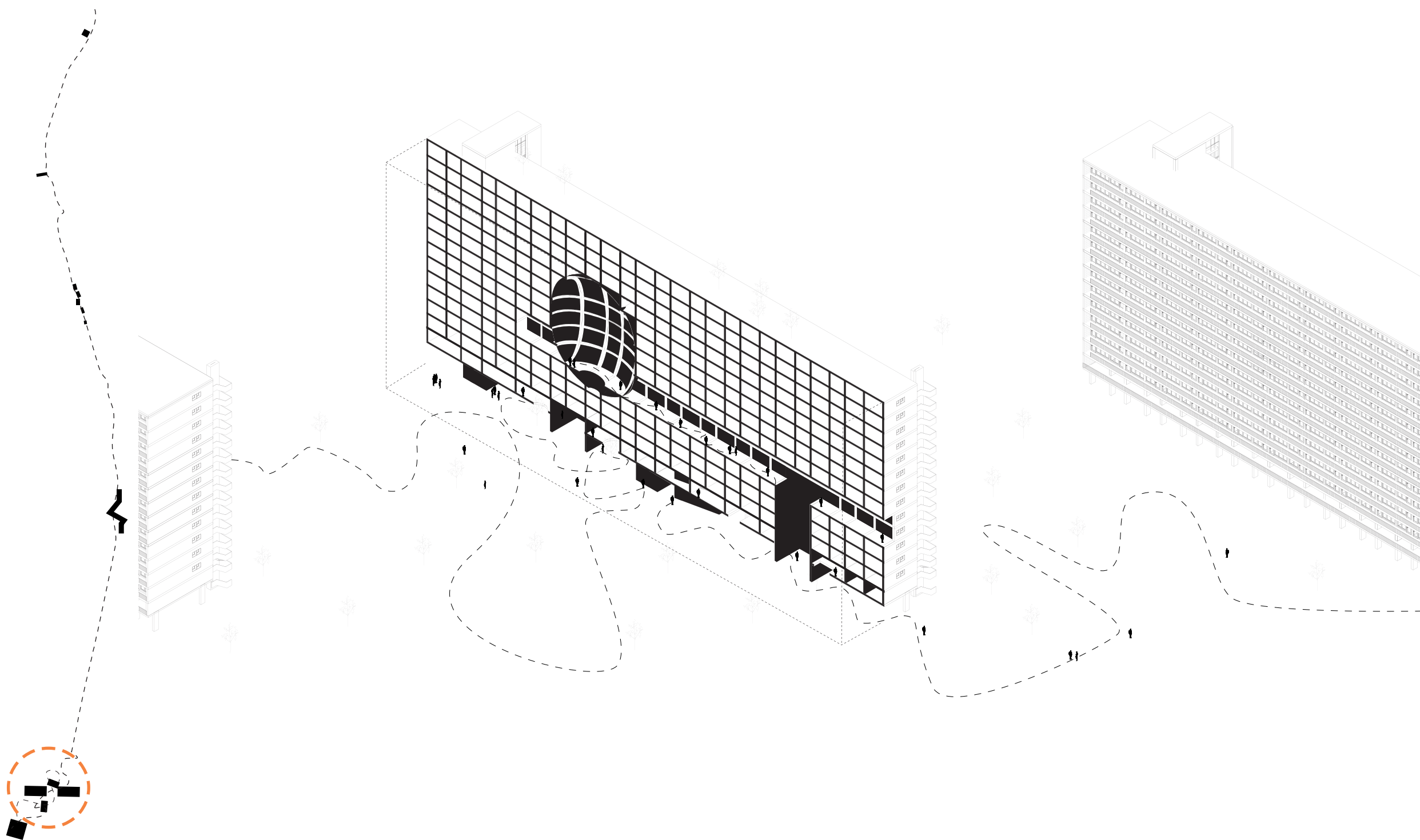


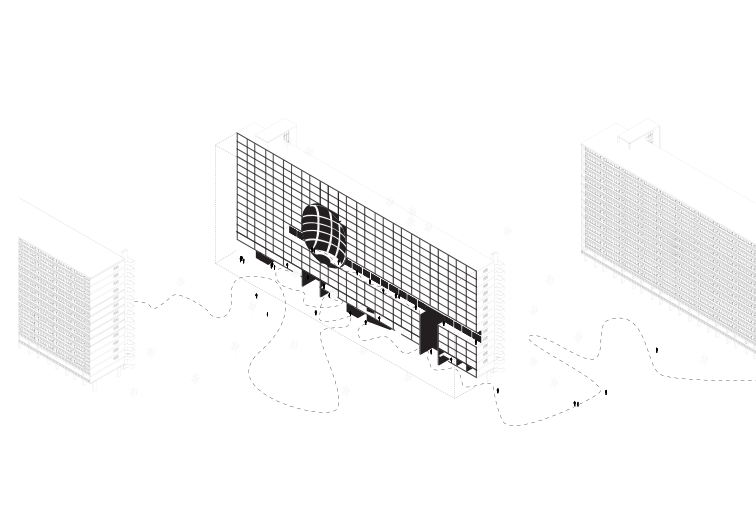
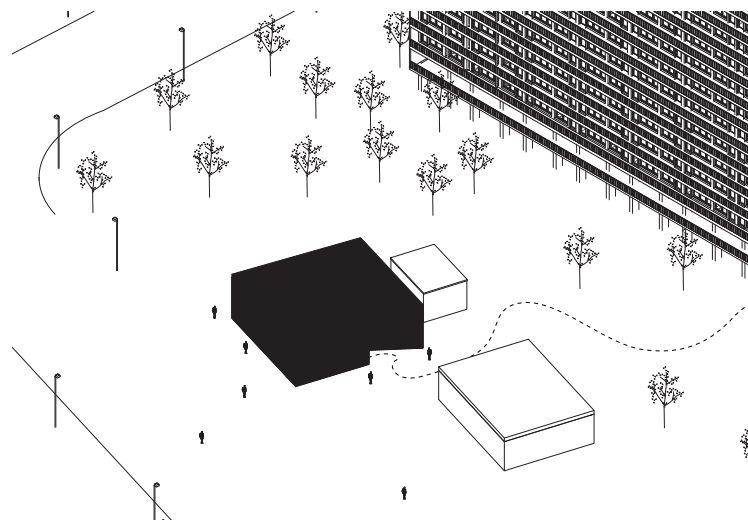
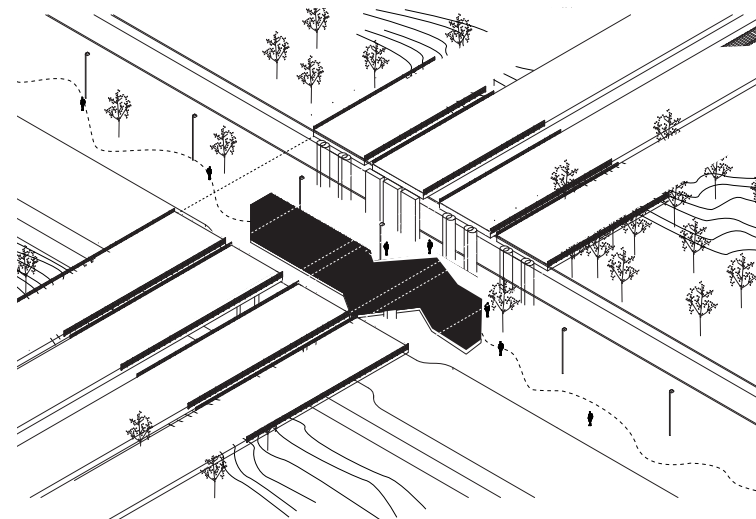
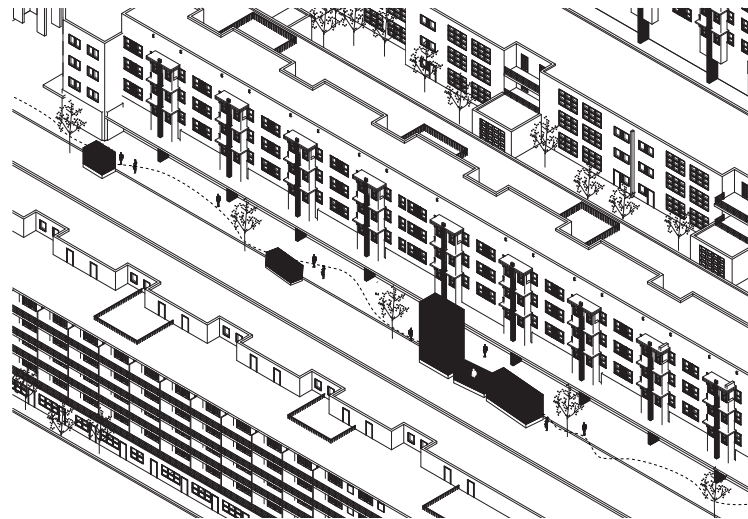
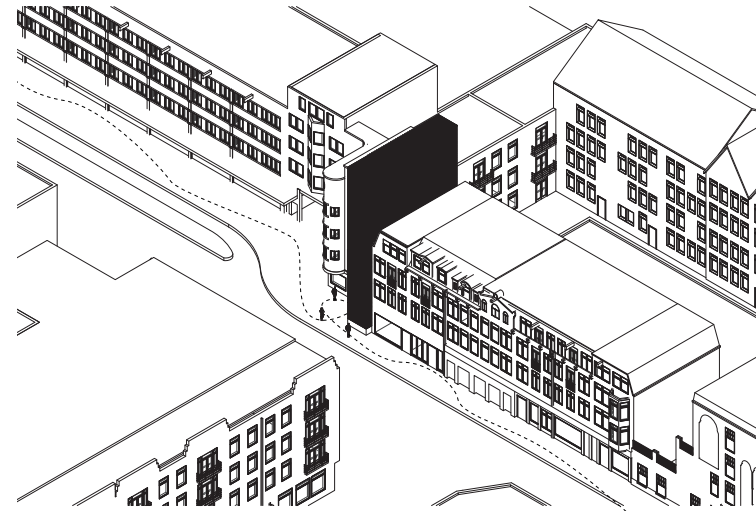
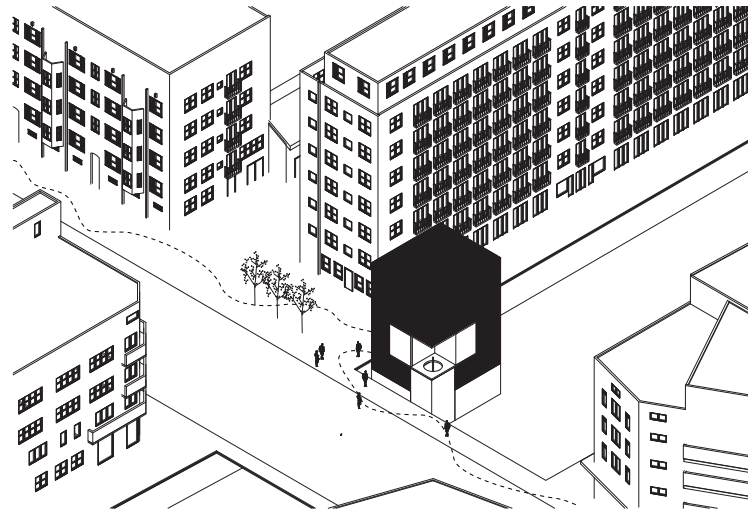
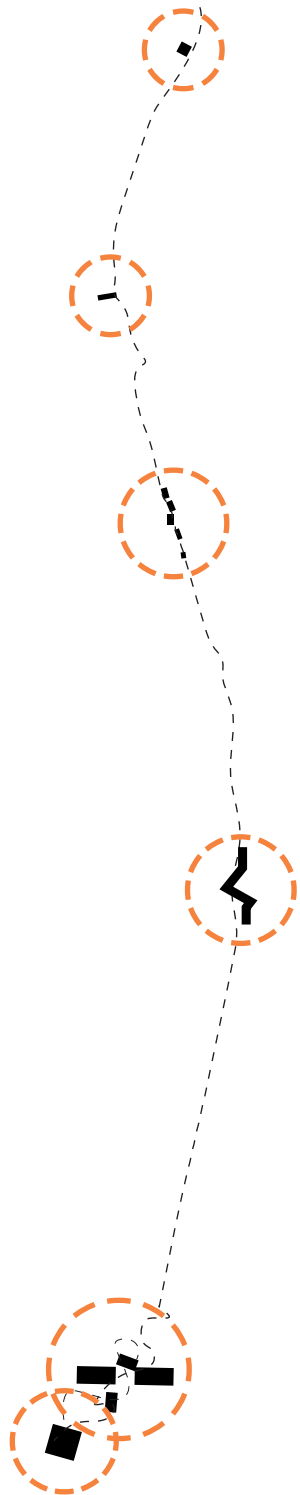


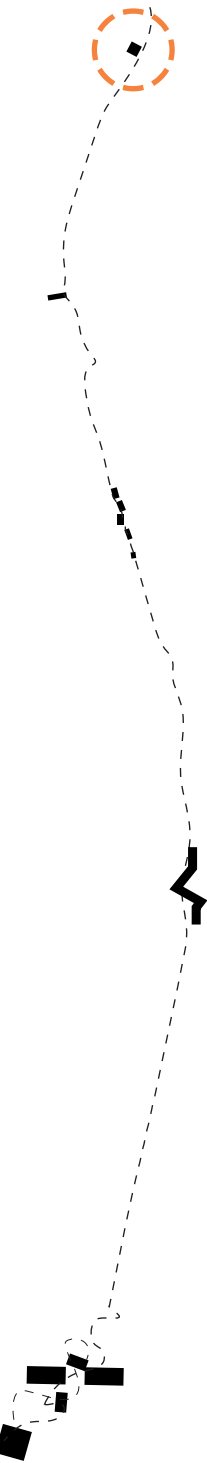
unusable
garages (2050),
lifeless
appartments



whole structure,
lot of space with
lots of
potentials





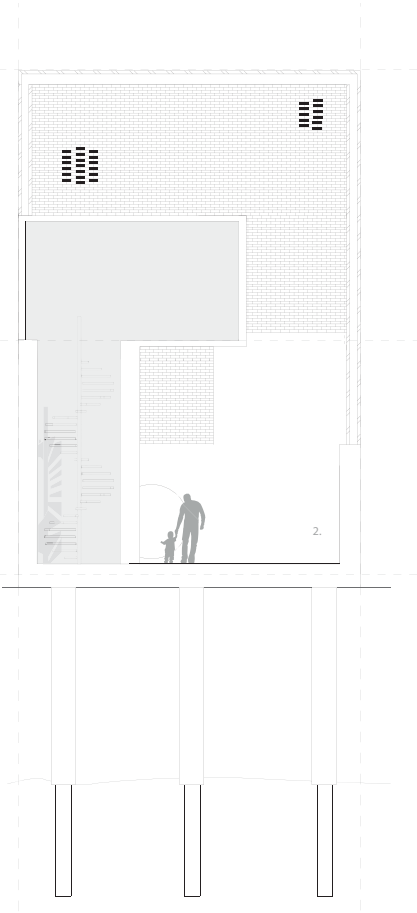


Roof
13500 mm

First floor
13500 mm

Ground floor
0 mm

Longitudinal section

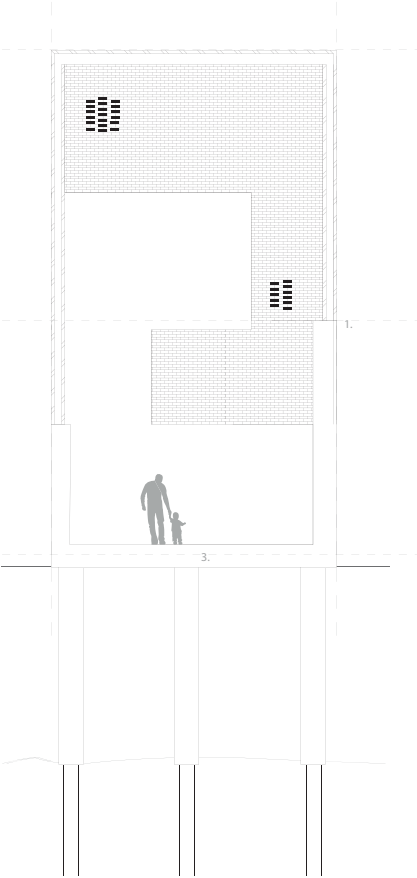


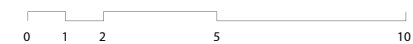
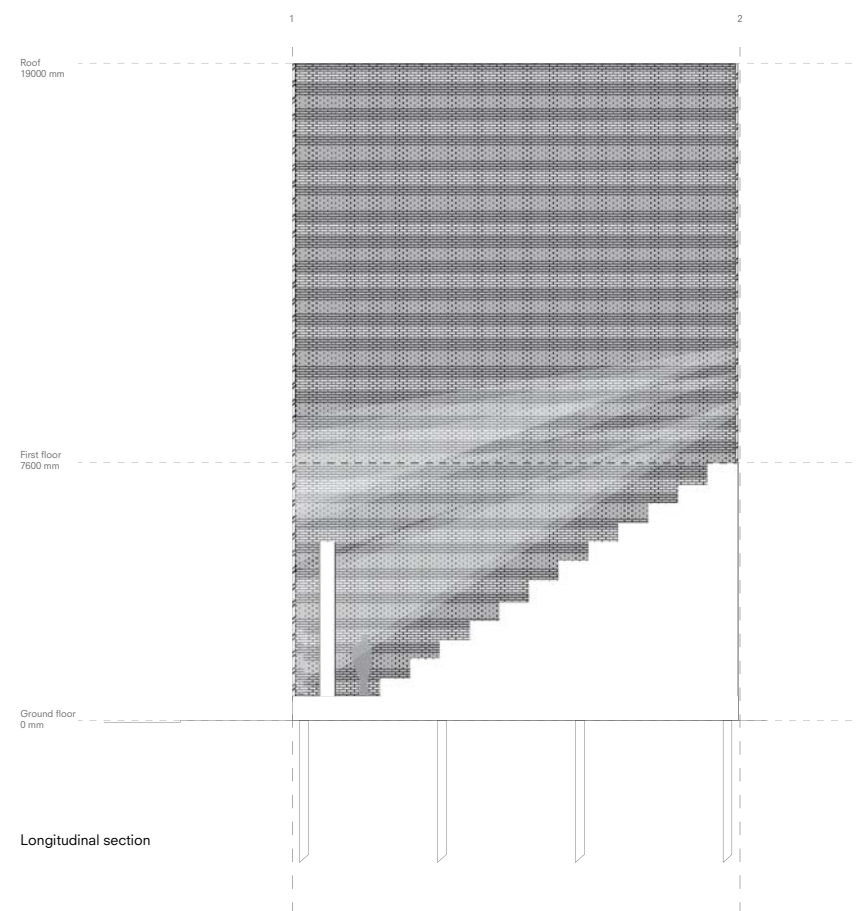
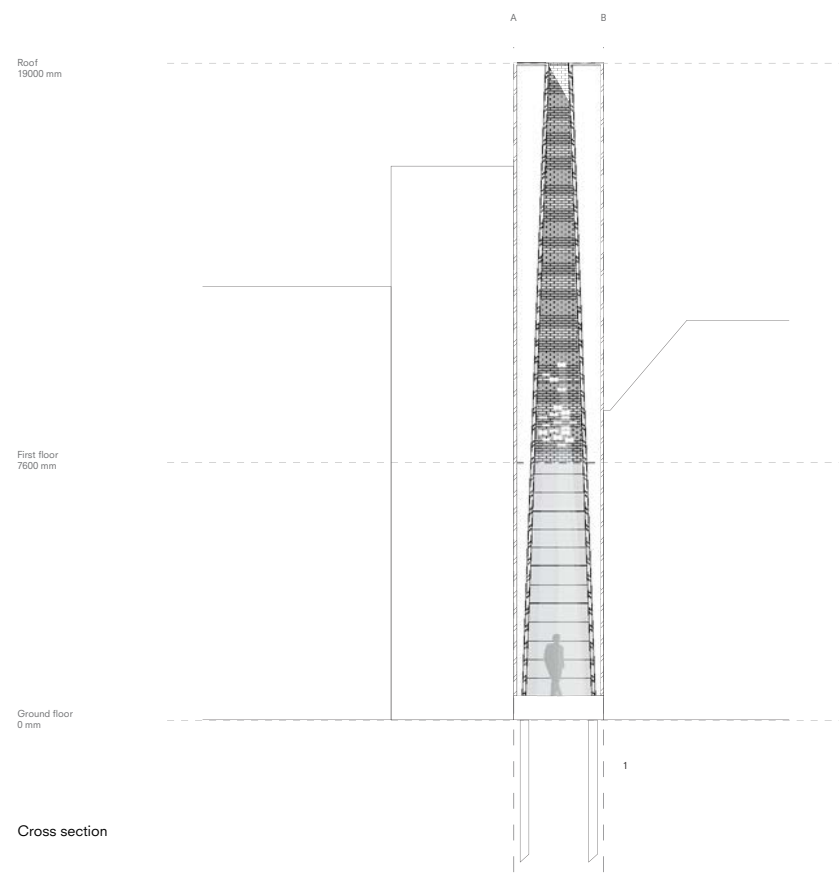
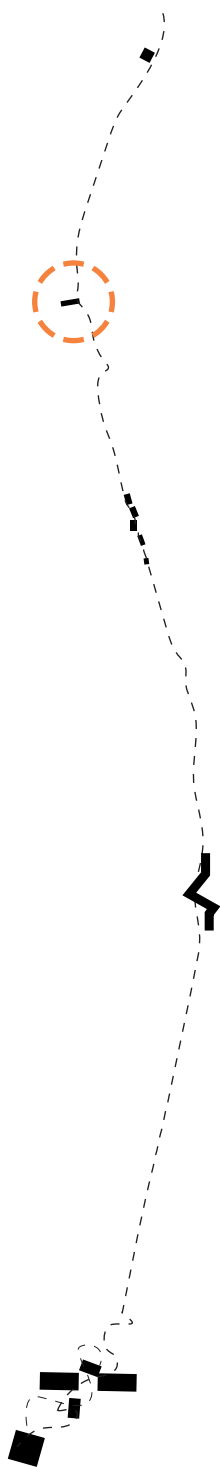
Roof
13500 mm

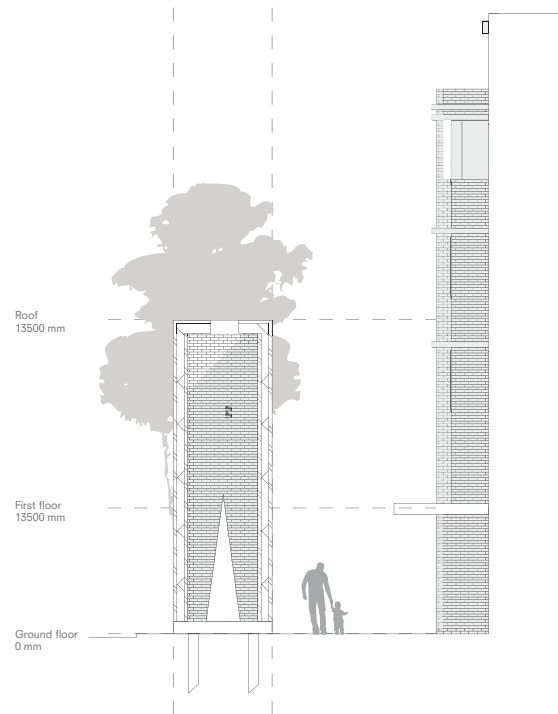
First floor
13500 mm

Ground floor
0 mm

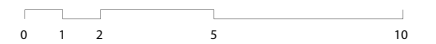
Cross section

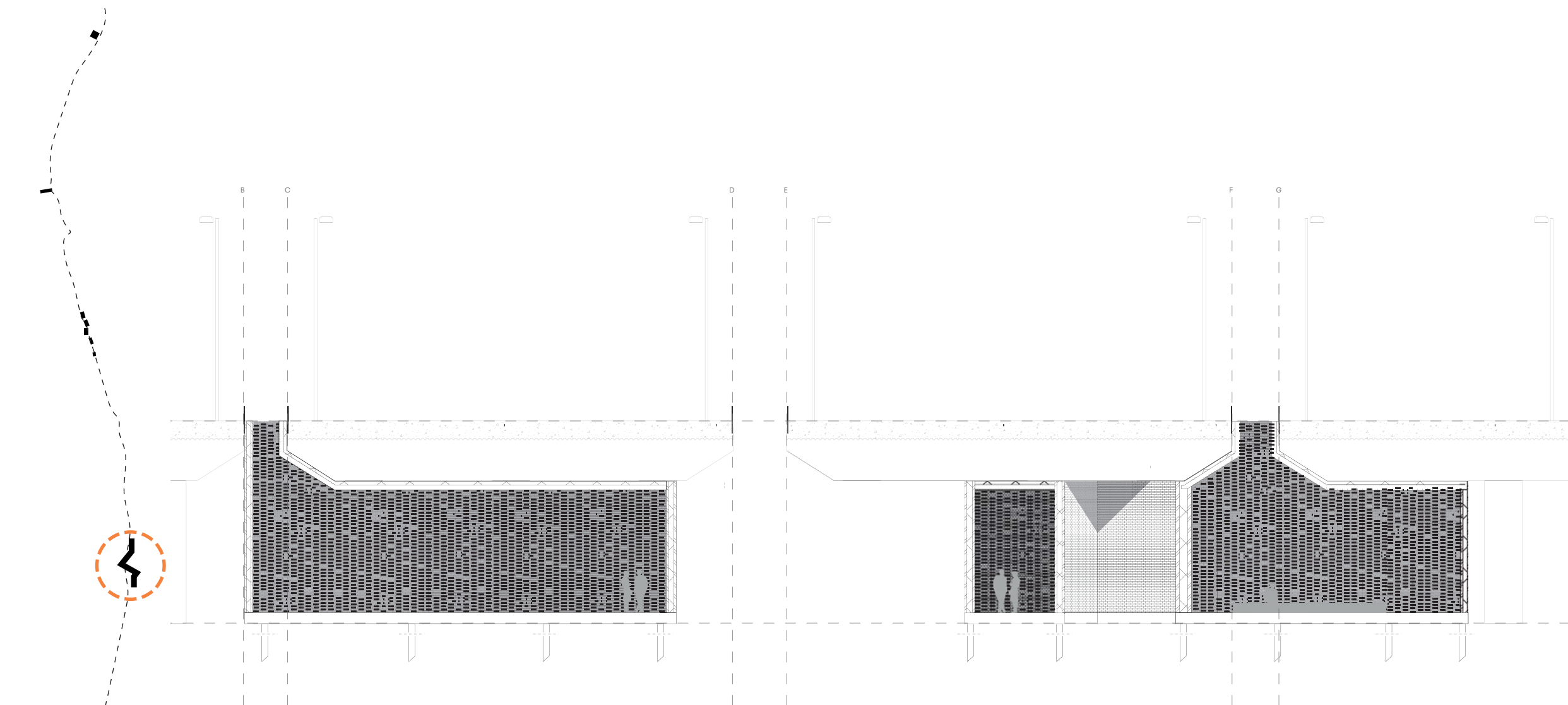






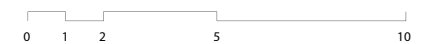
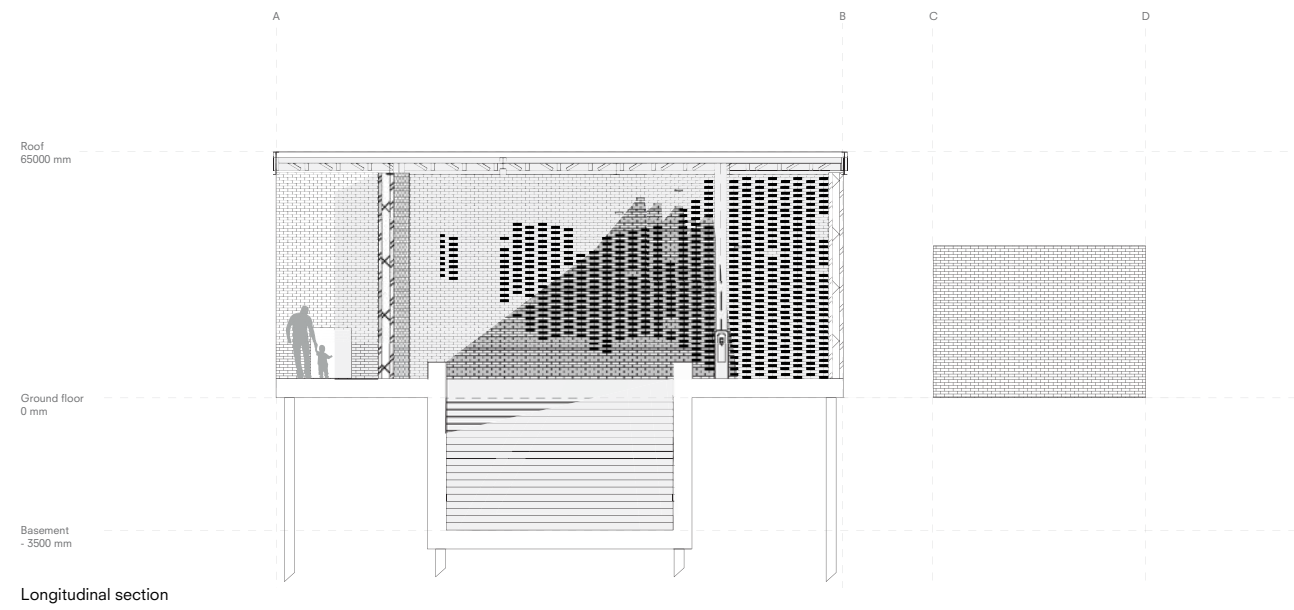
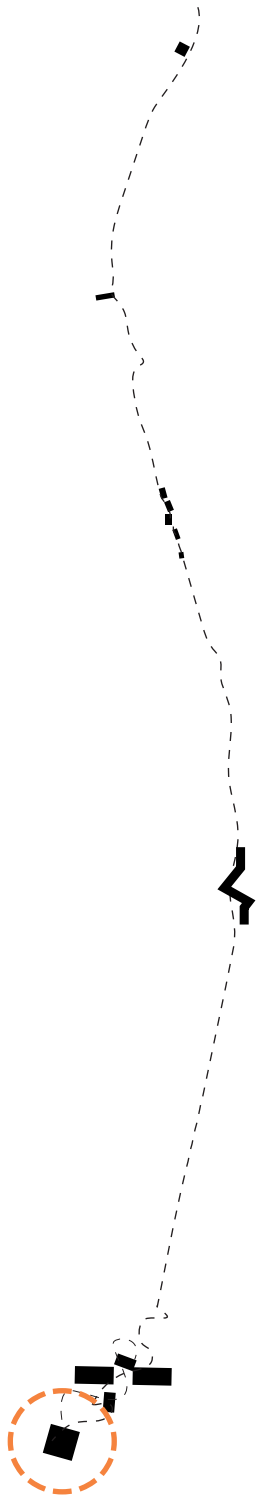
Cross section

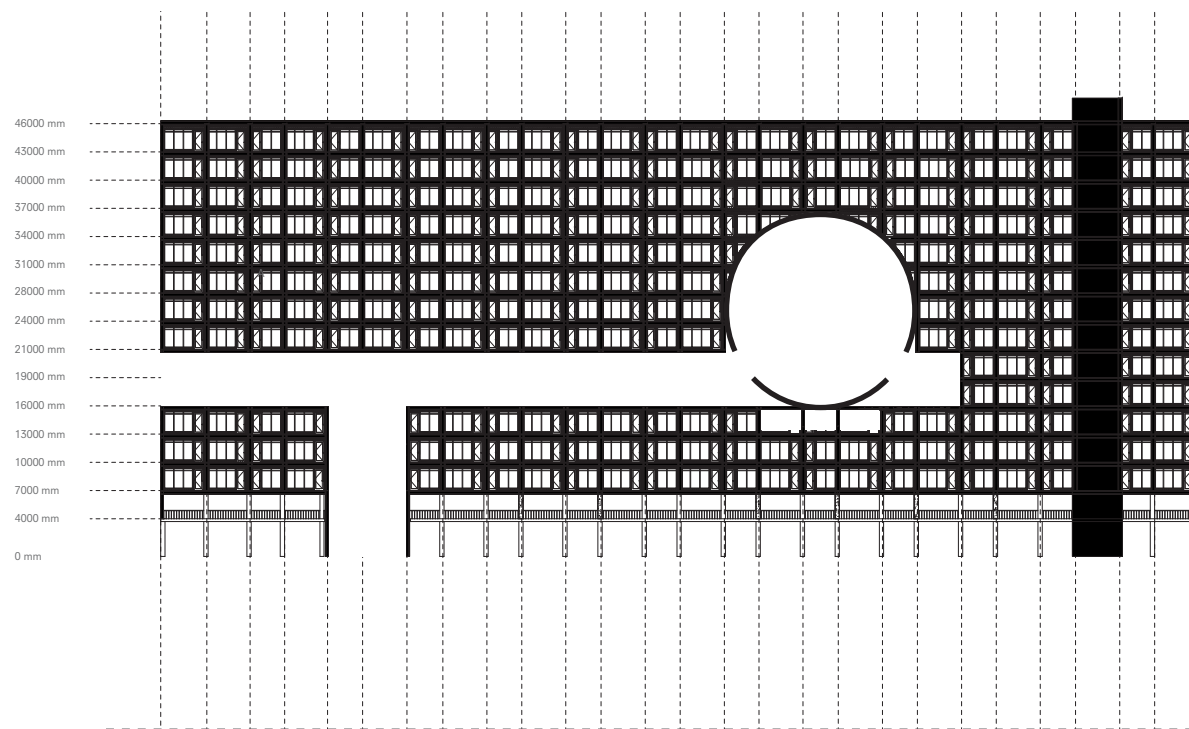
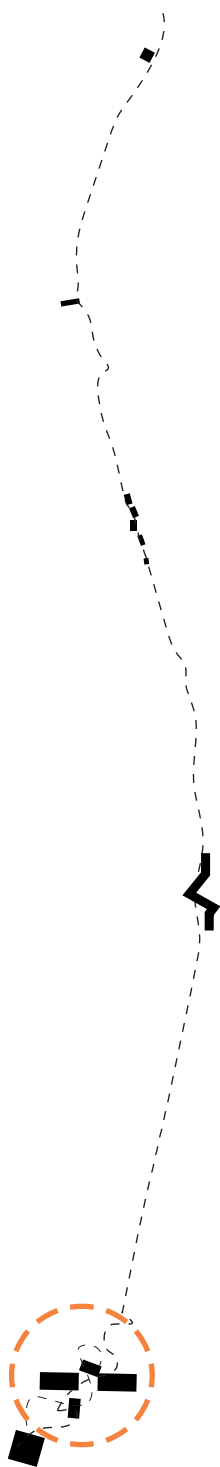




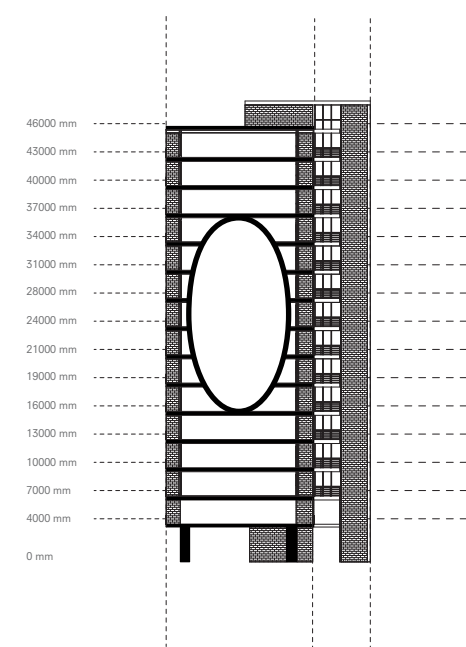
Longitudinal section

0 1 2 5 10

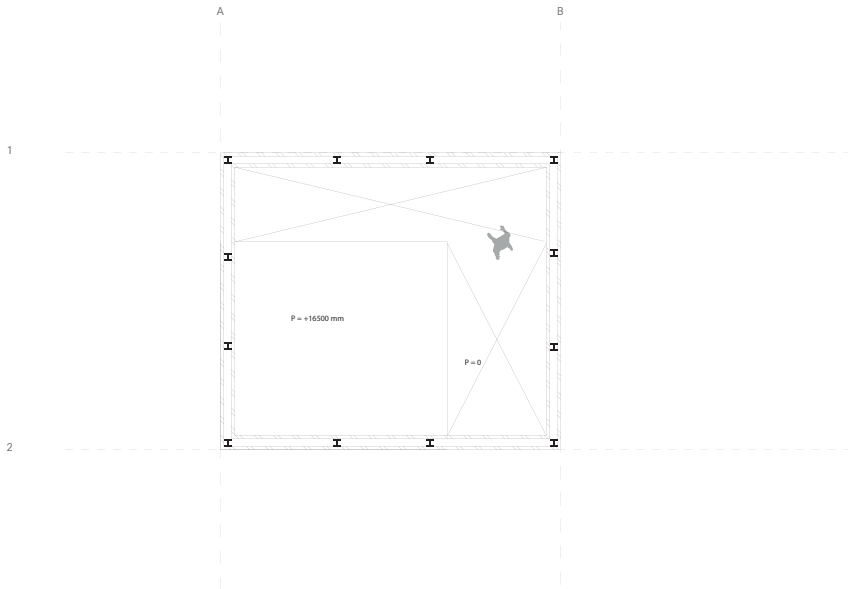
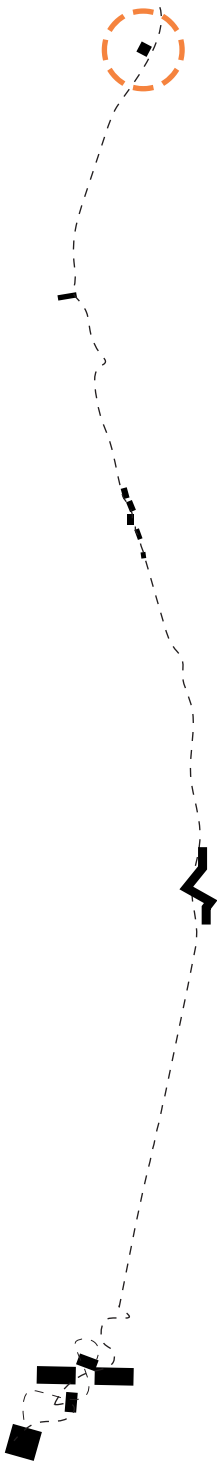




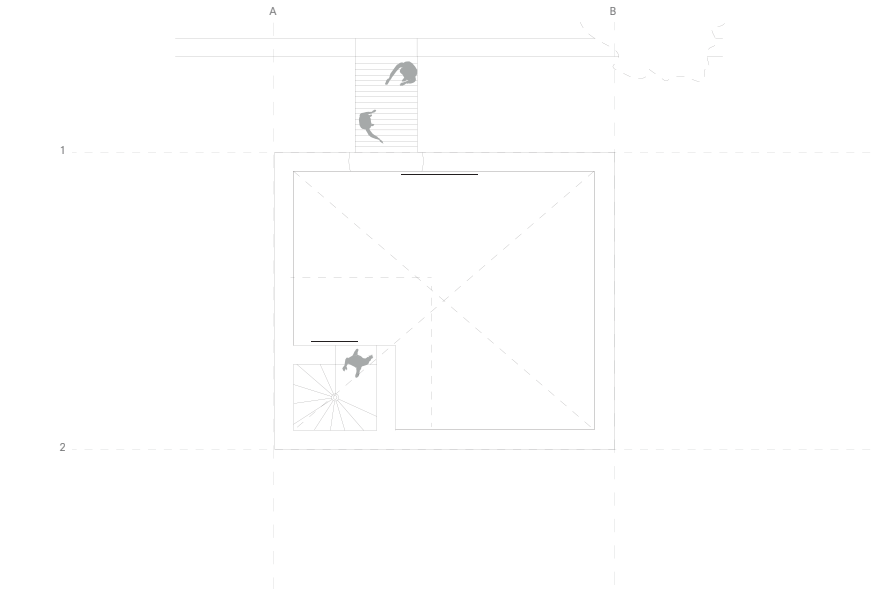
Longitudonal section



Cross section



Roof bridge
keeper house



Ground floor

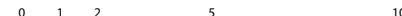


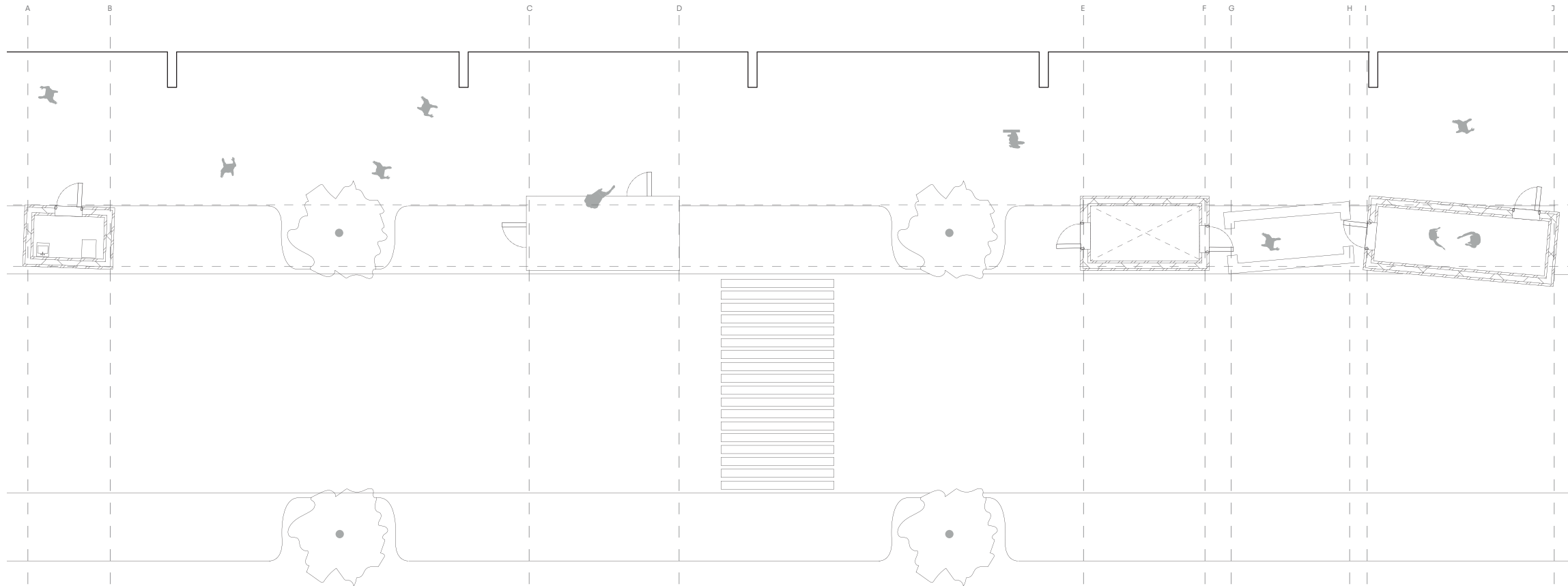
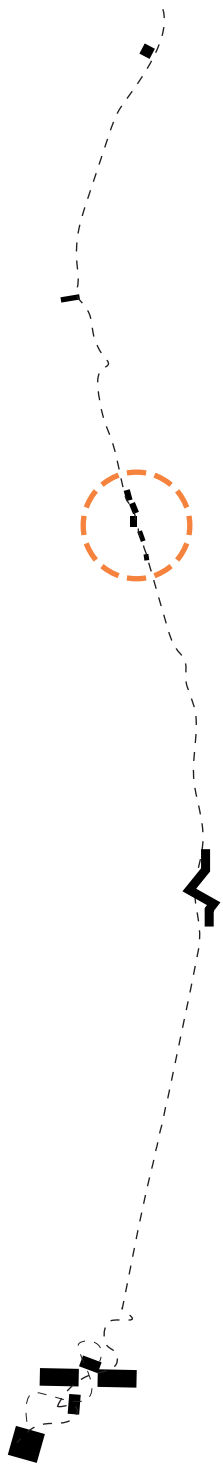
2

Ground floor

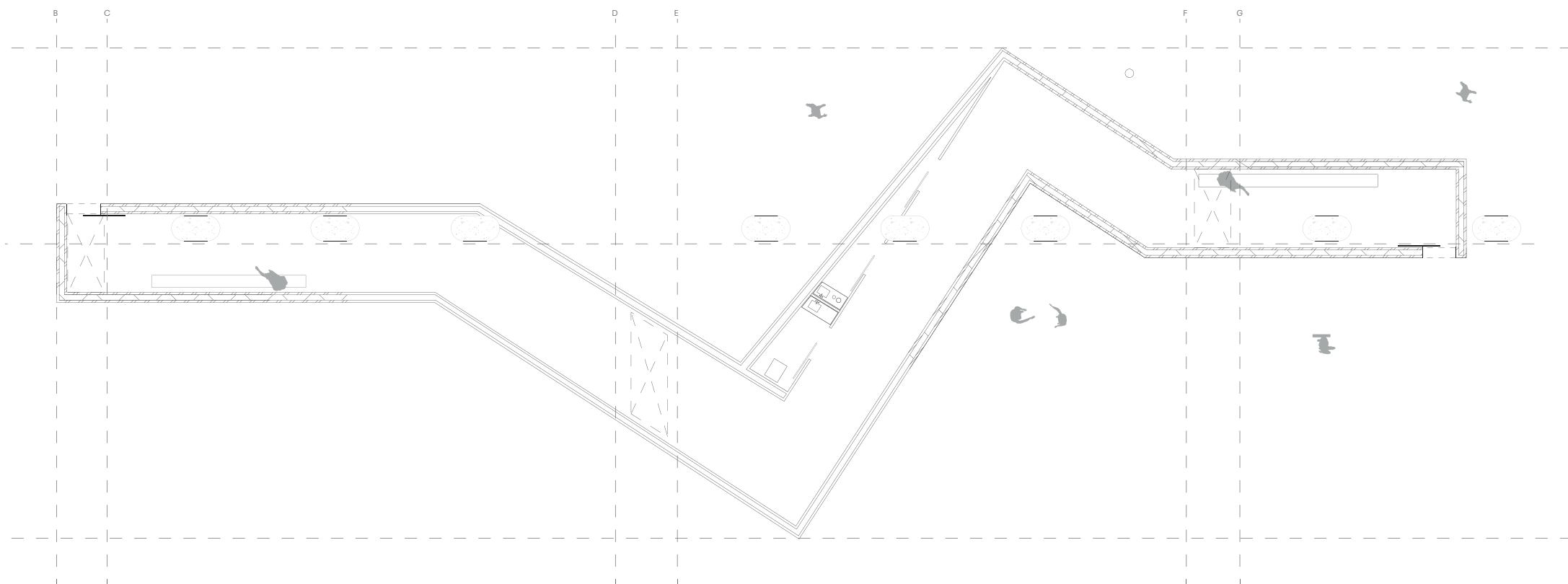
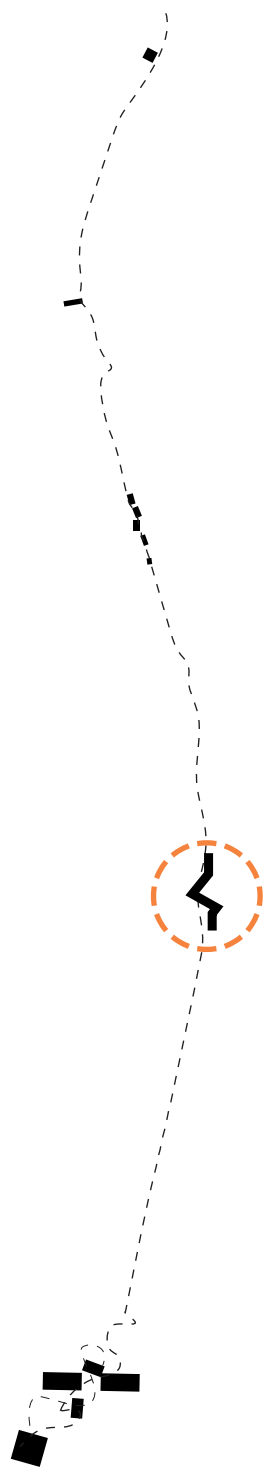
2

First floor



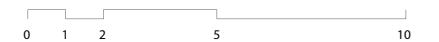
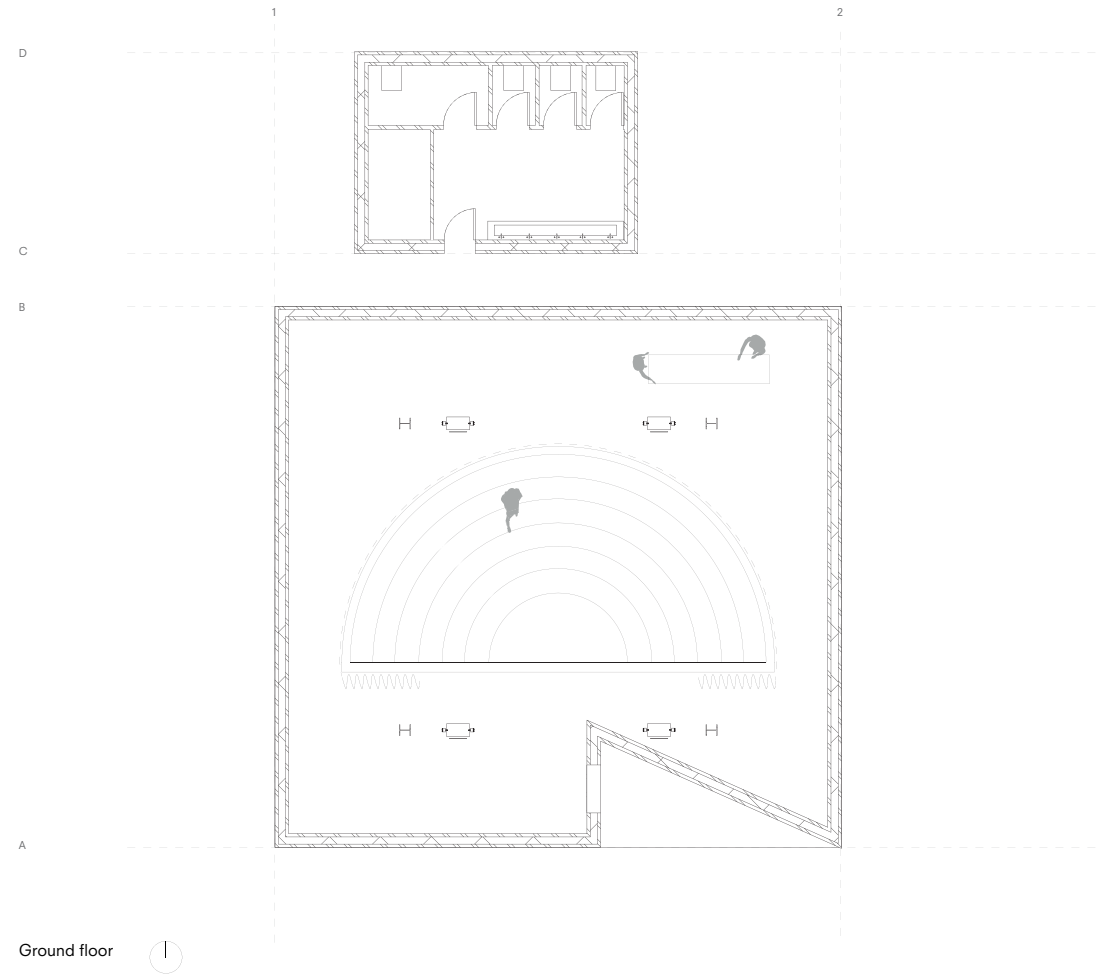
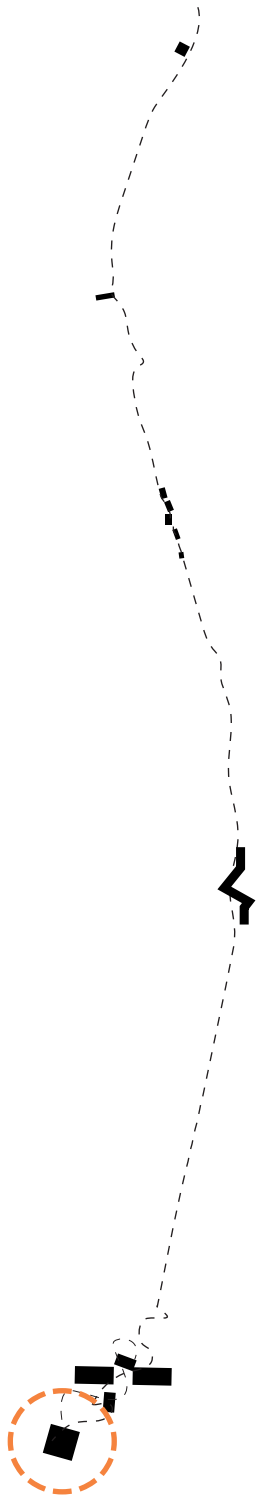


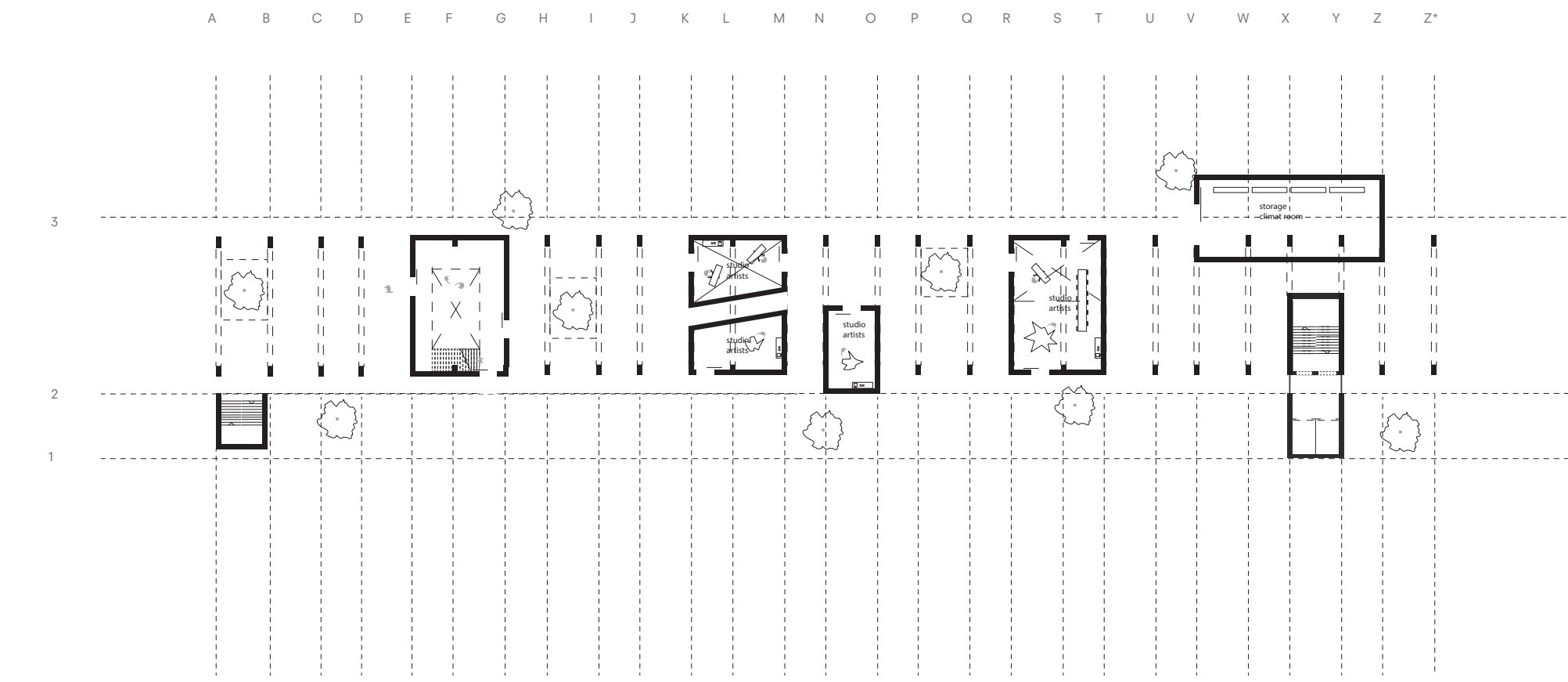
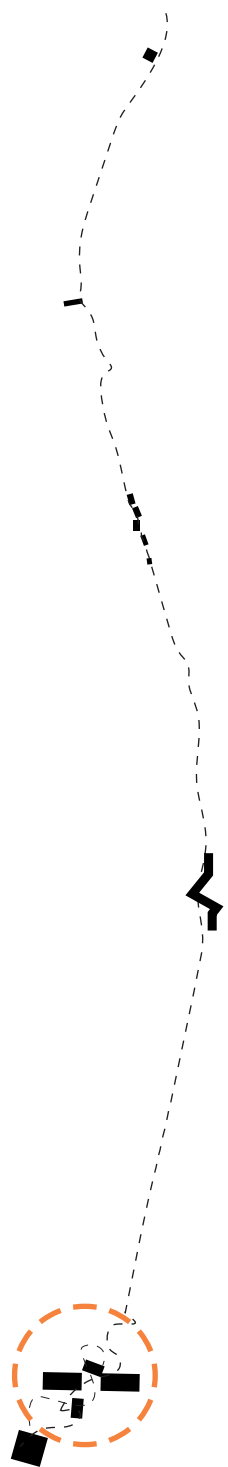
0 1 2 5 10



Ground floor

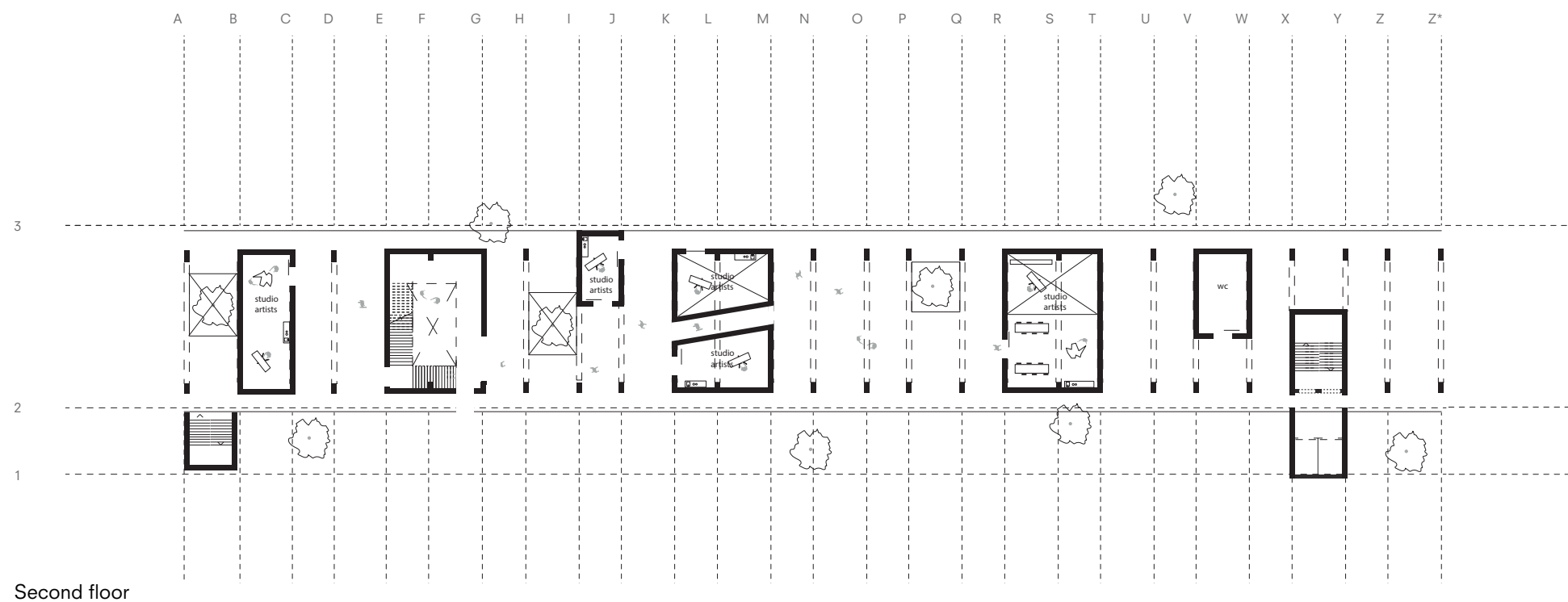
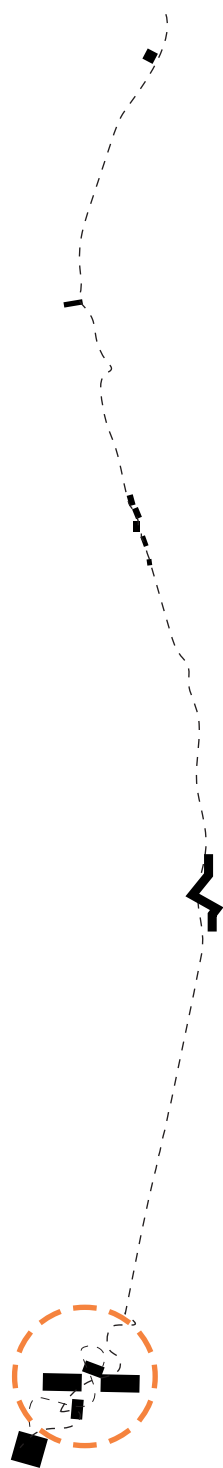


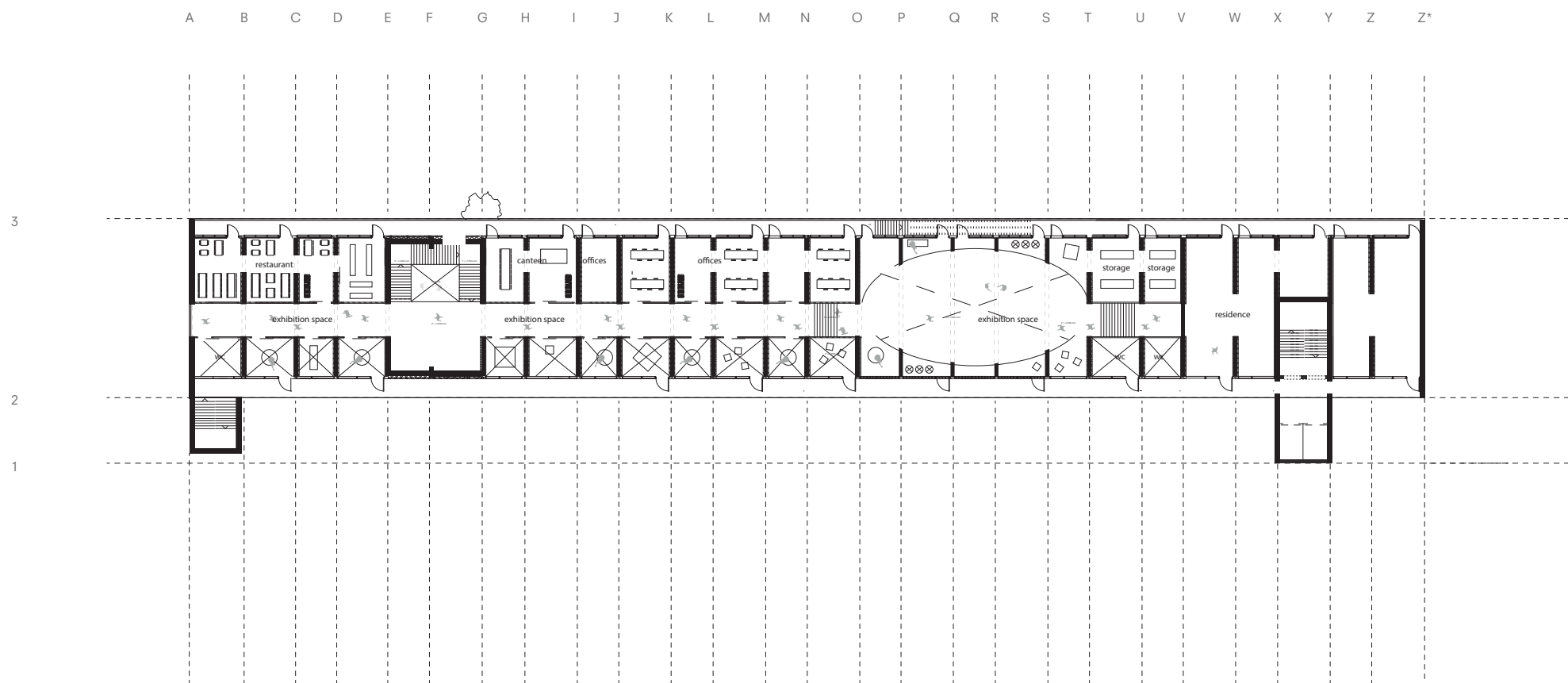
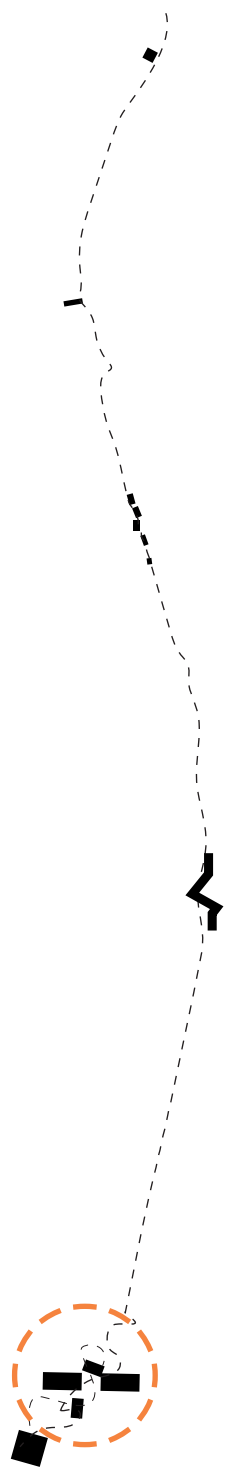




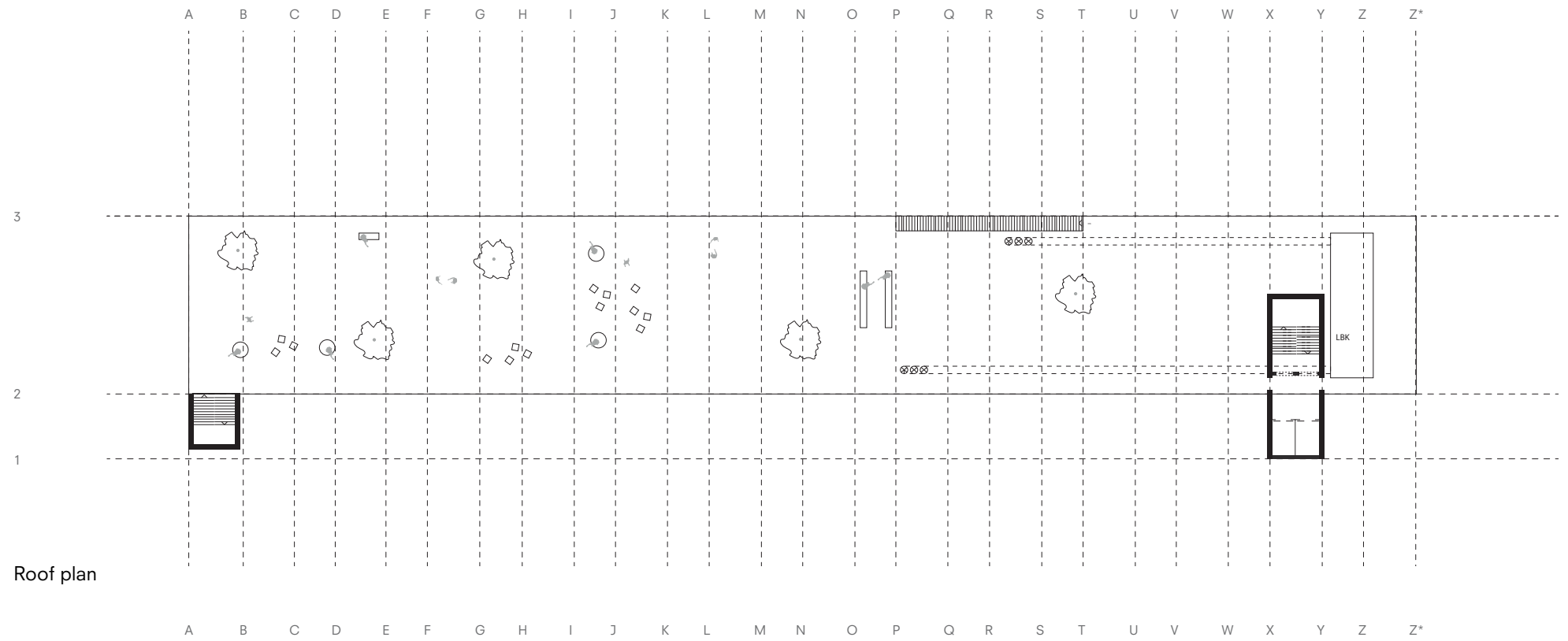
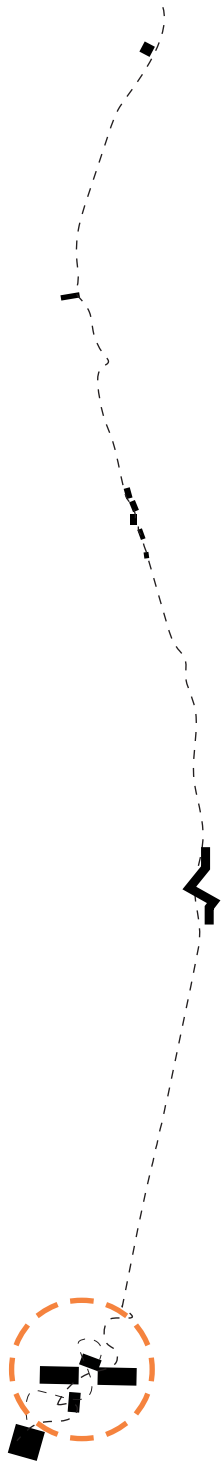
Ground floor





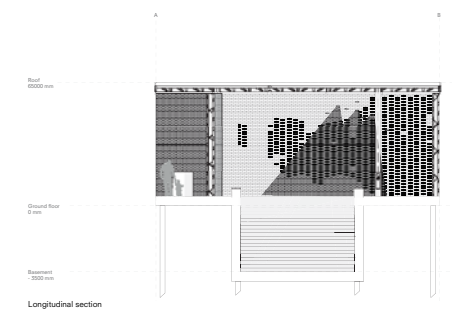
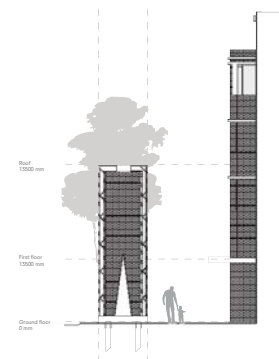
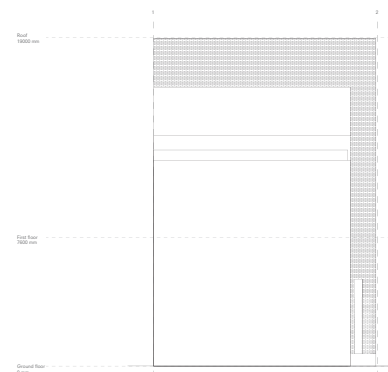
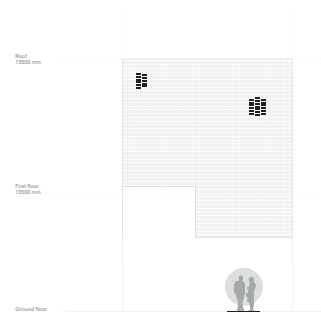


Sixth floor



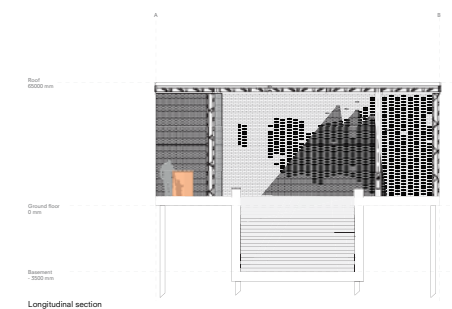
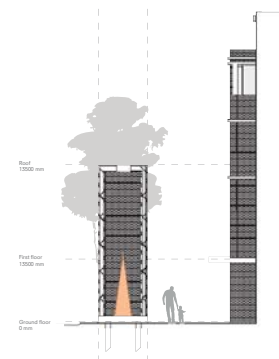
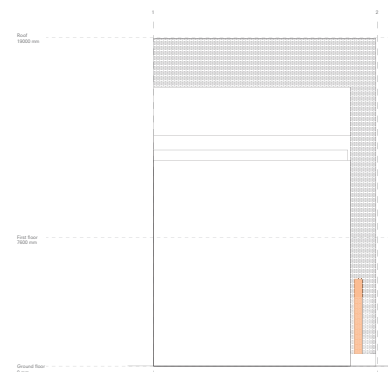
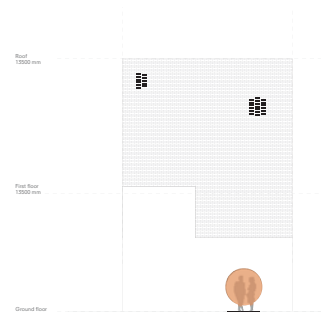
6. The design

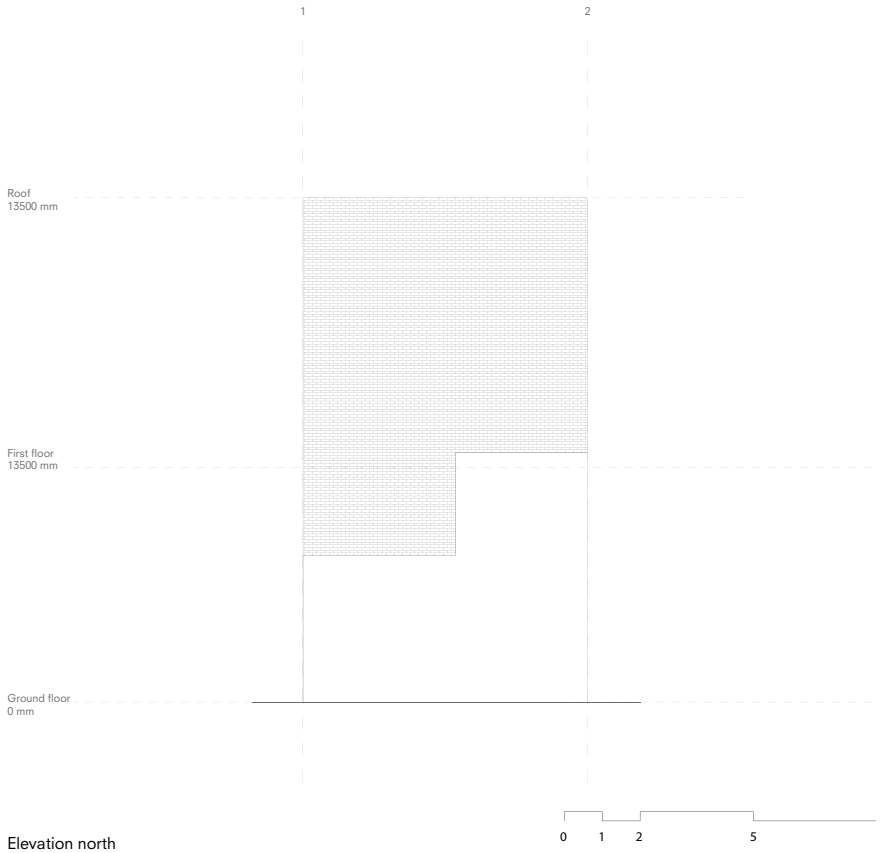
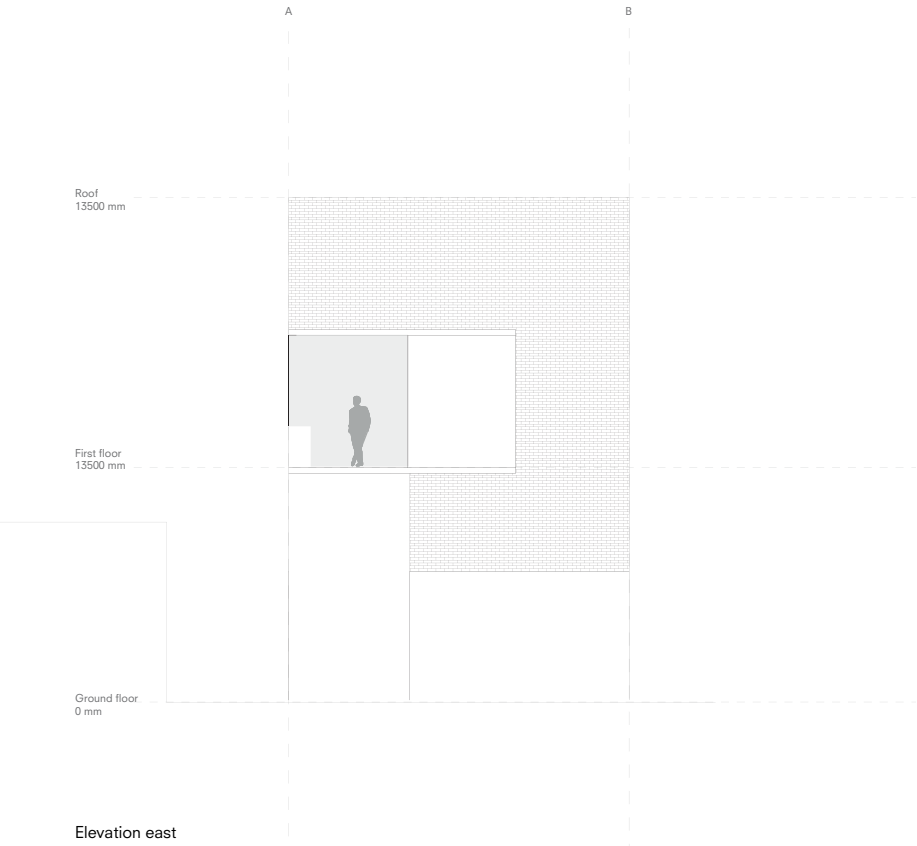
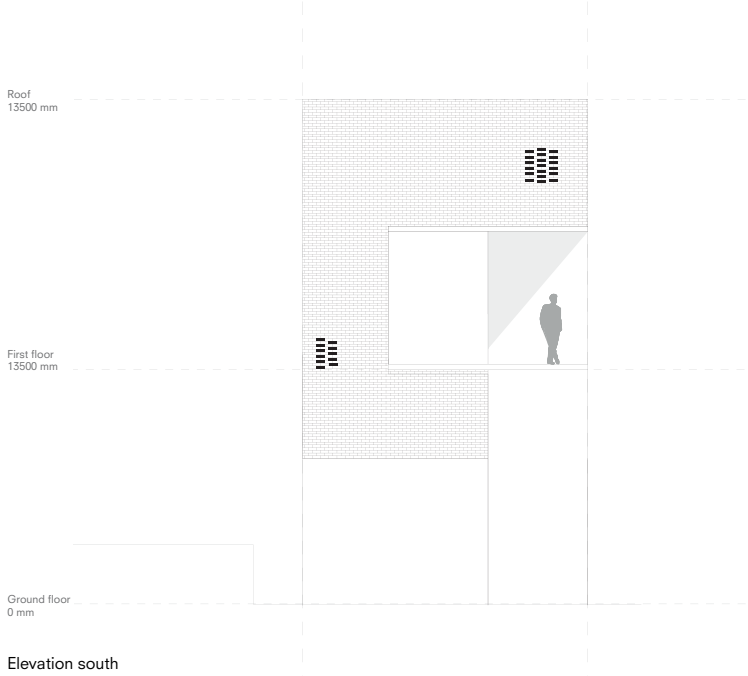
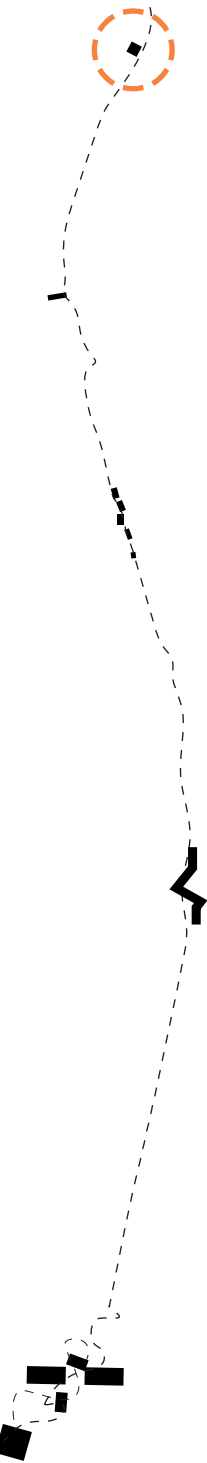
- Design brief
- Program
- Situating site
- The shape and the mass
- Section
- Plans
- **Entrances**
- Elevations
- Details

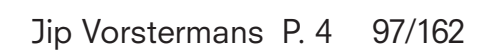
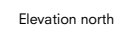
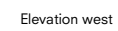
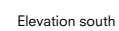


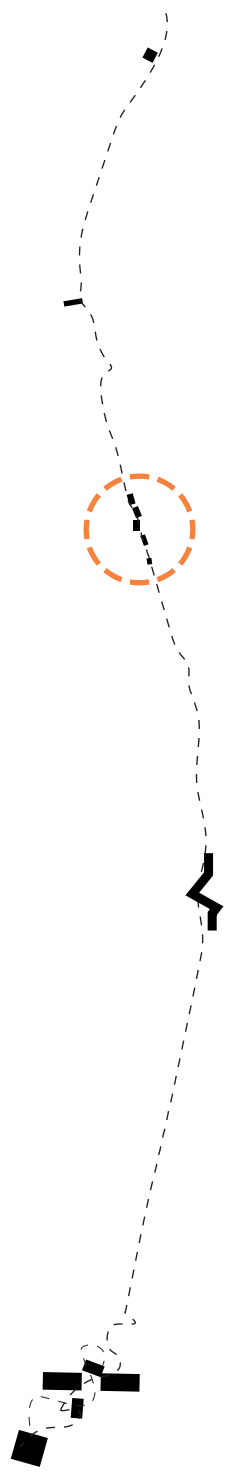
6. The design

- Design brief
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- Elevations
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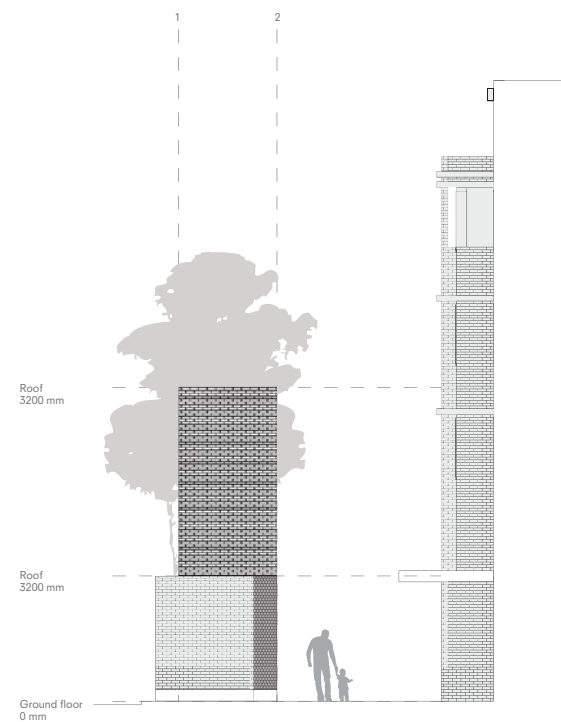




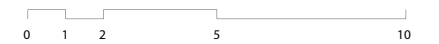


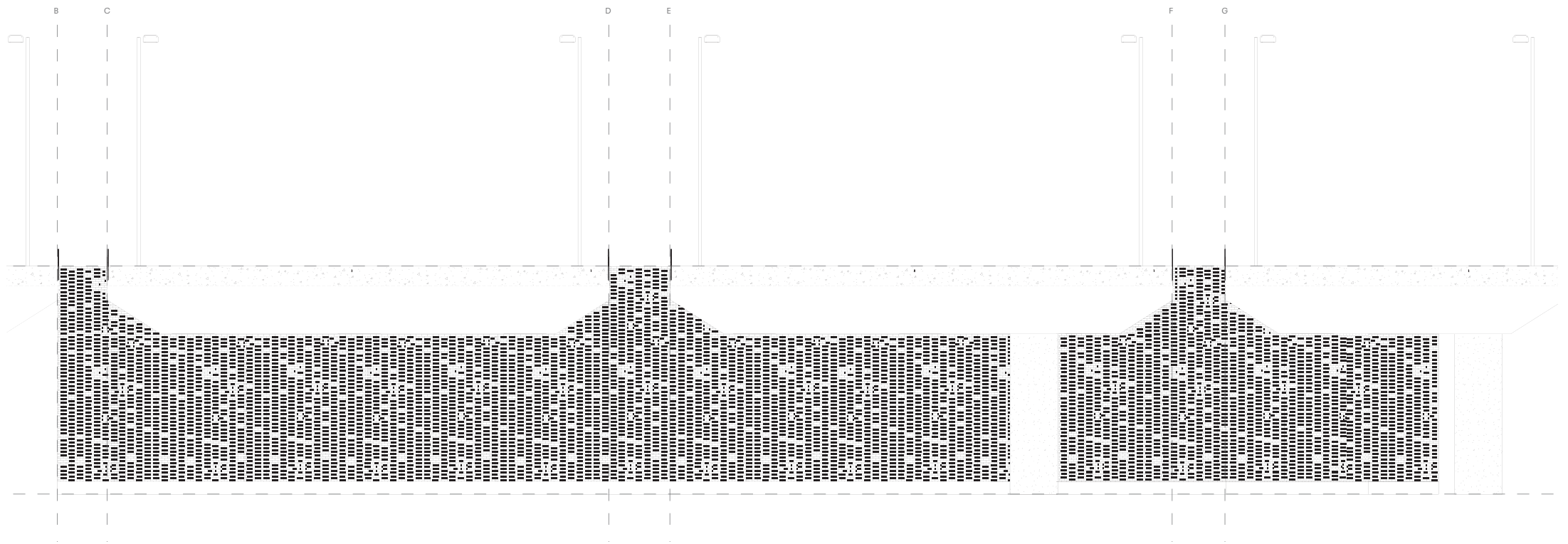


Elevation south

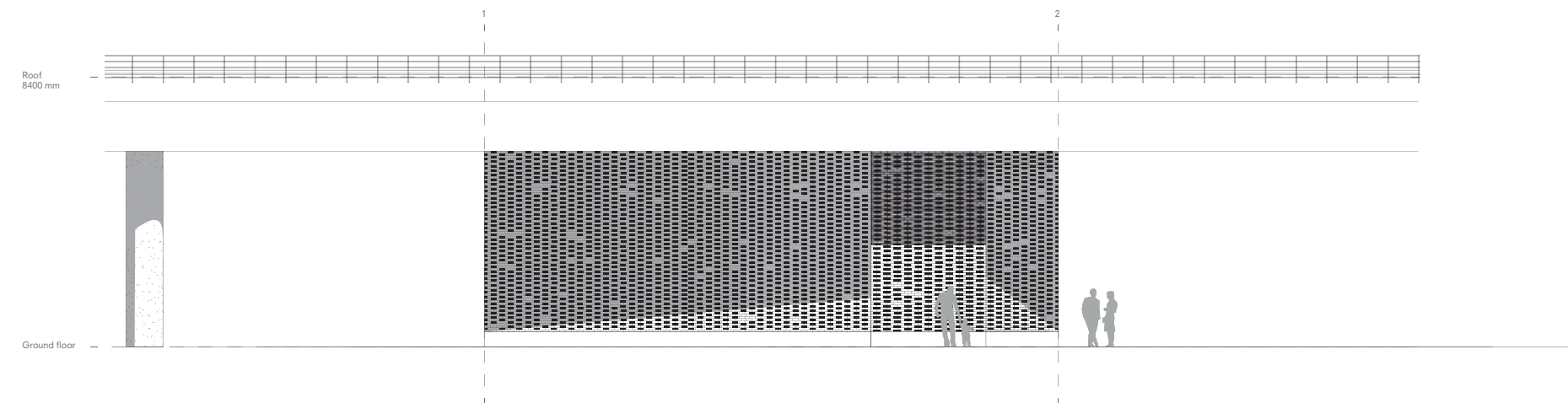


Elevation east

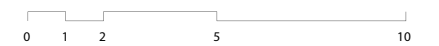


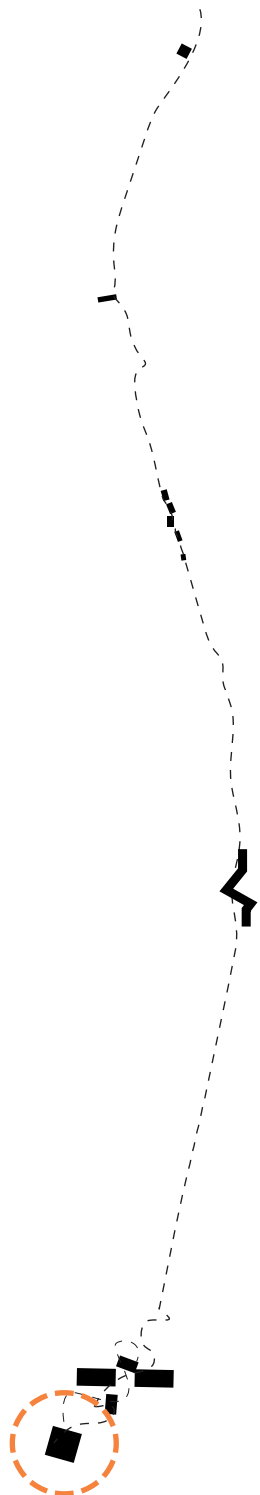
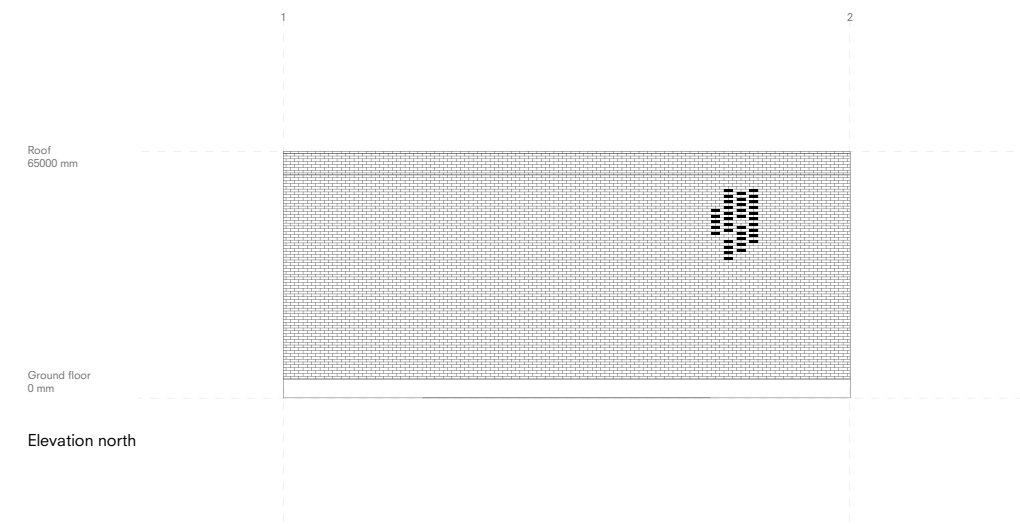
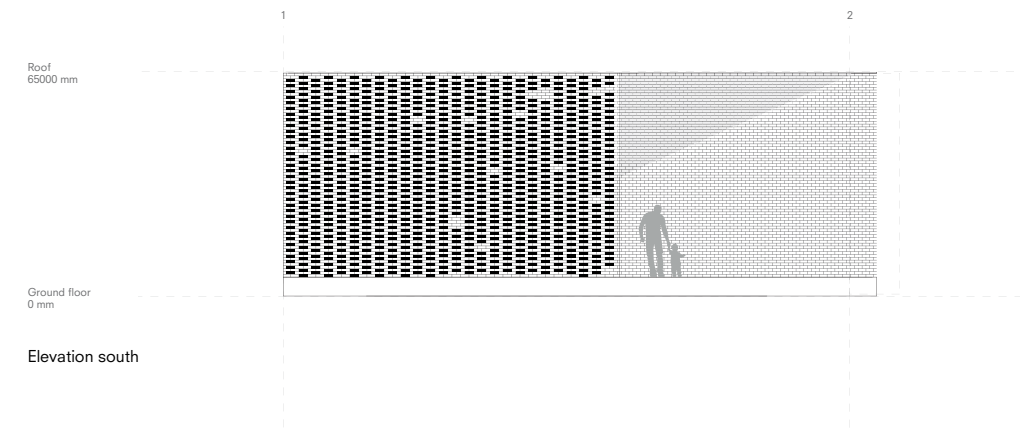
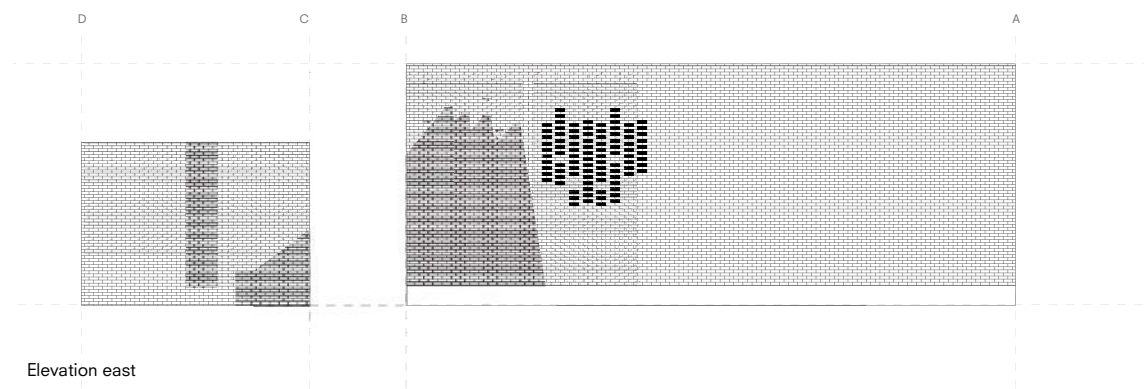
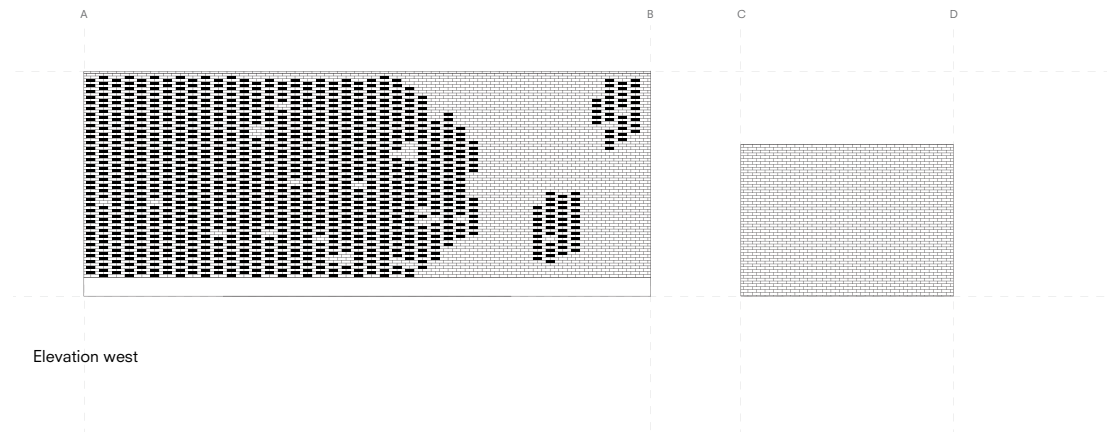


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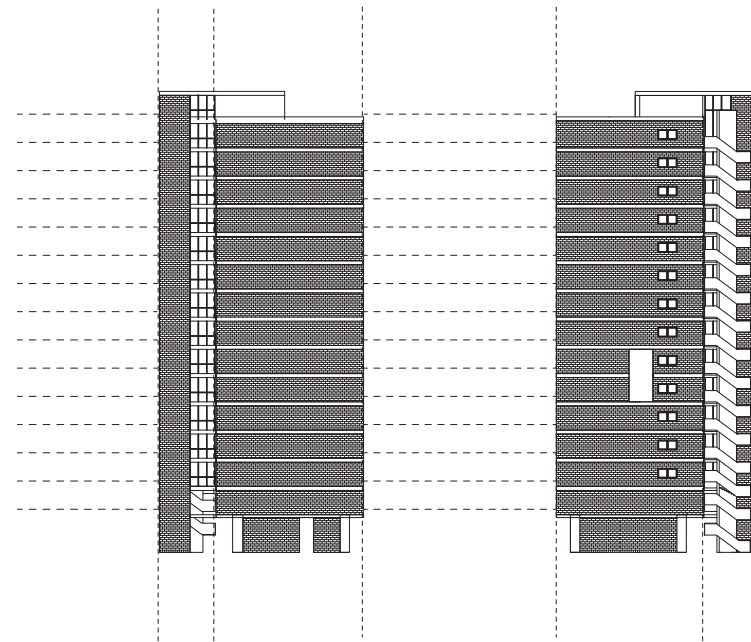
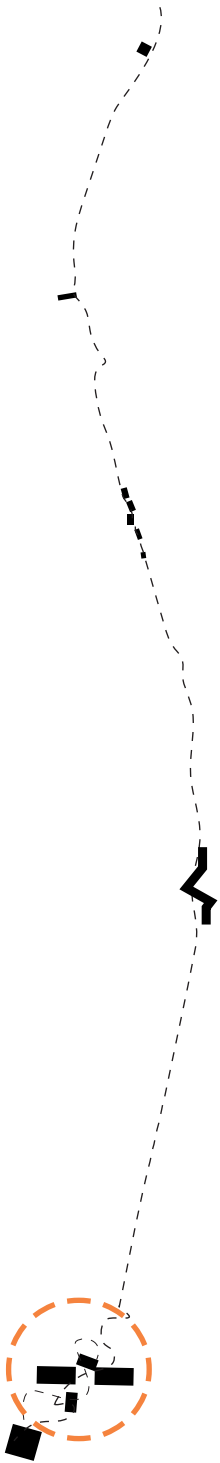


Elevation east





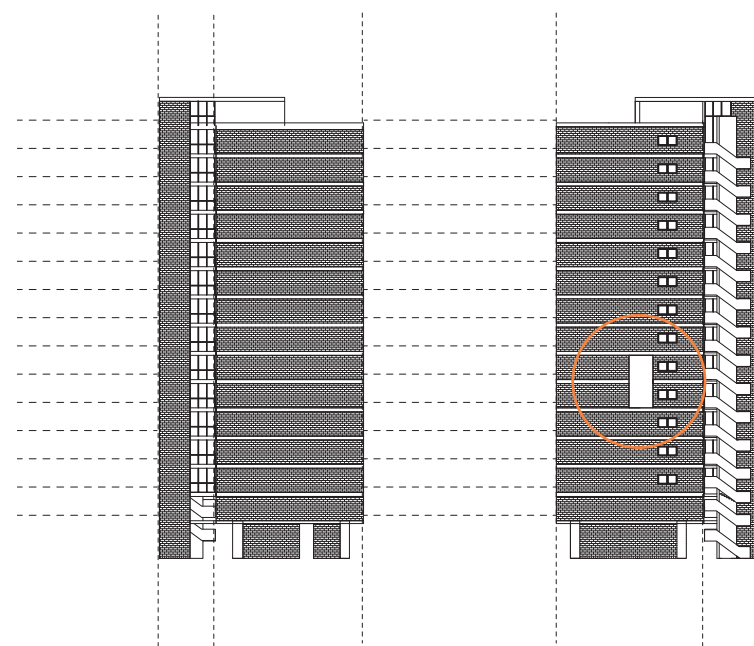
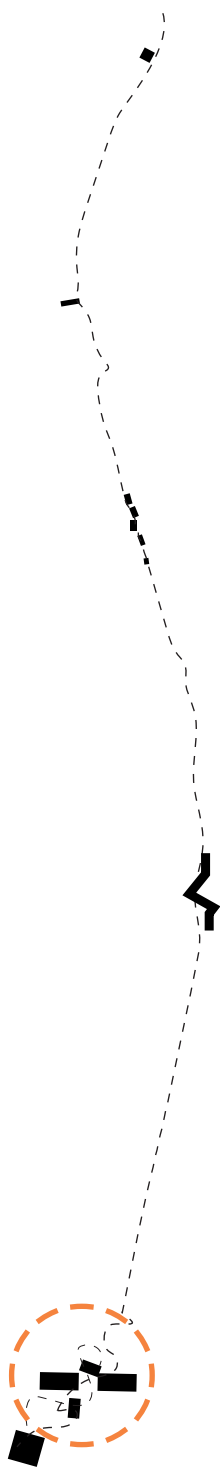
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Elevation north

Elevation south

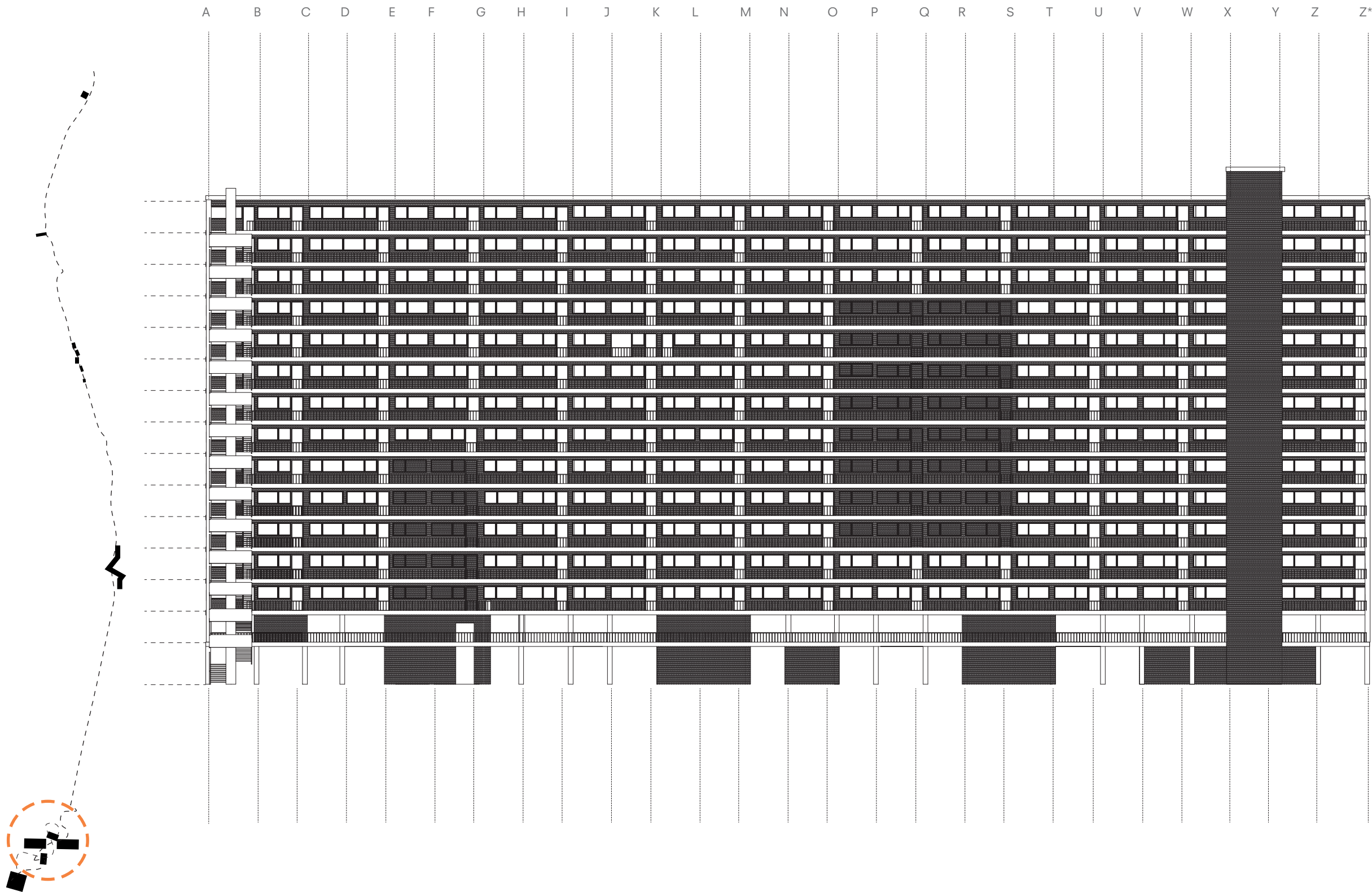


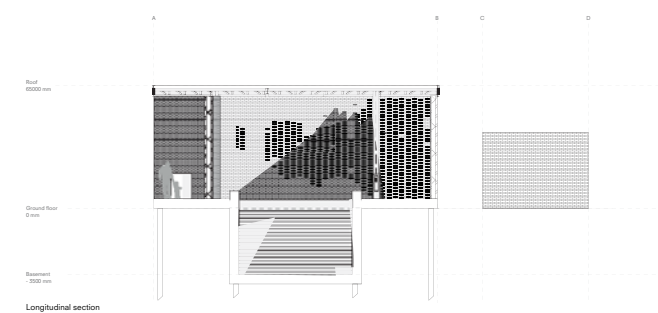
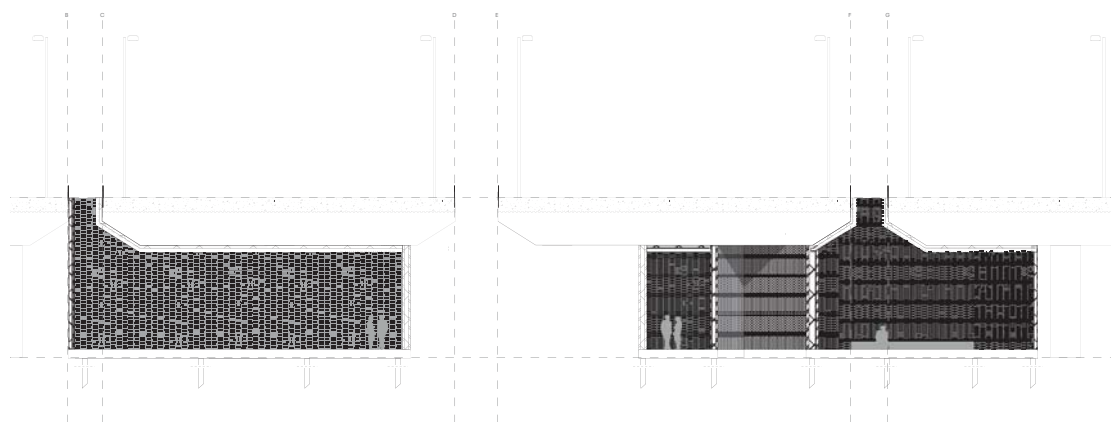
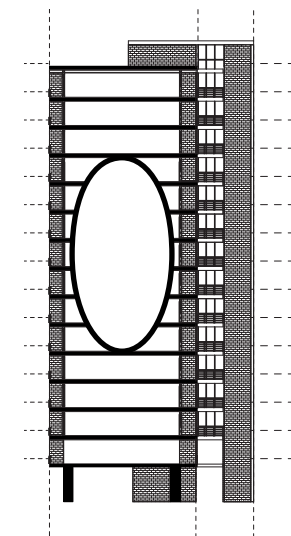
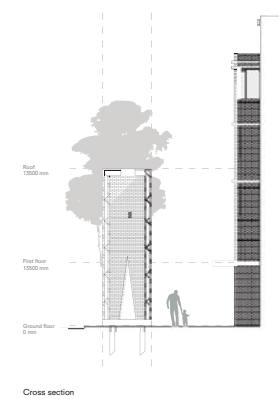
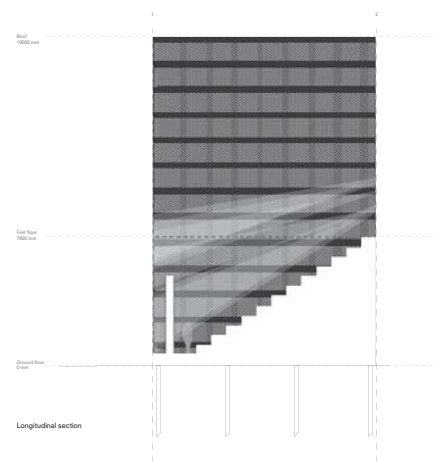
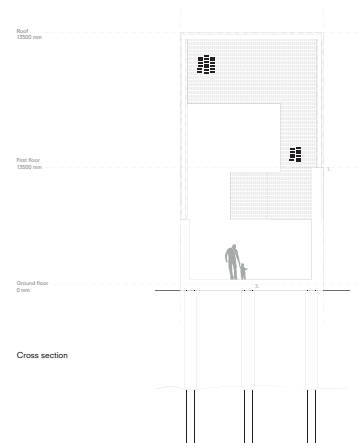


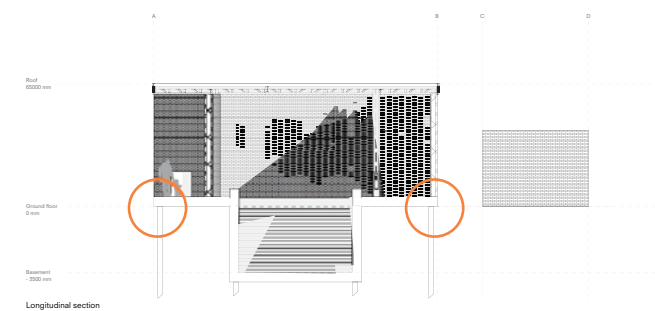
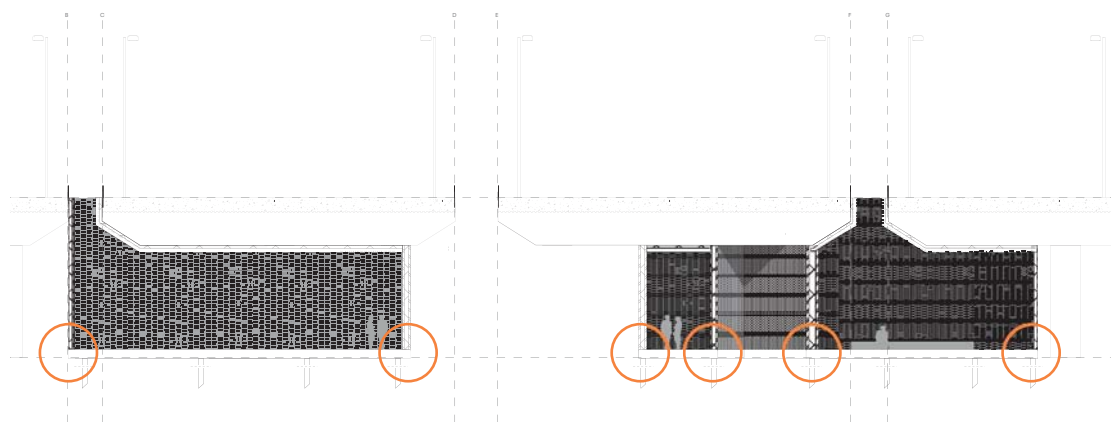
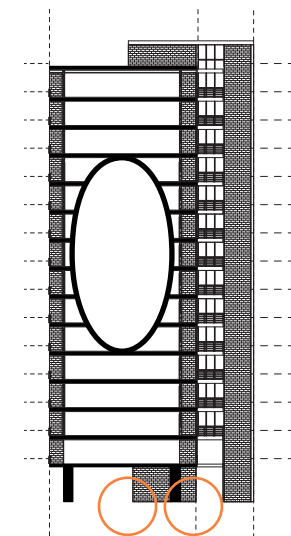
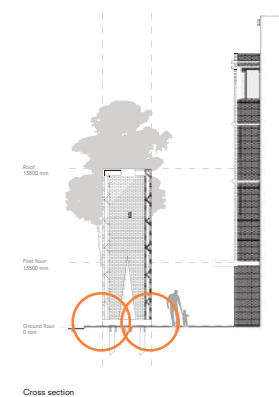
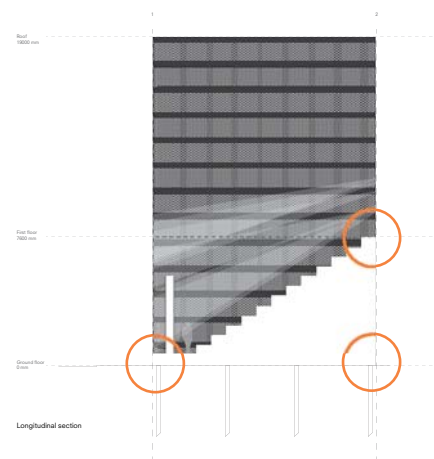
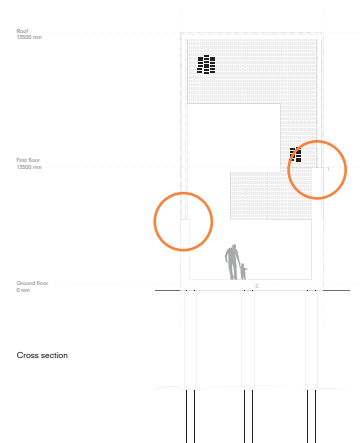
Elevation north

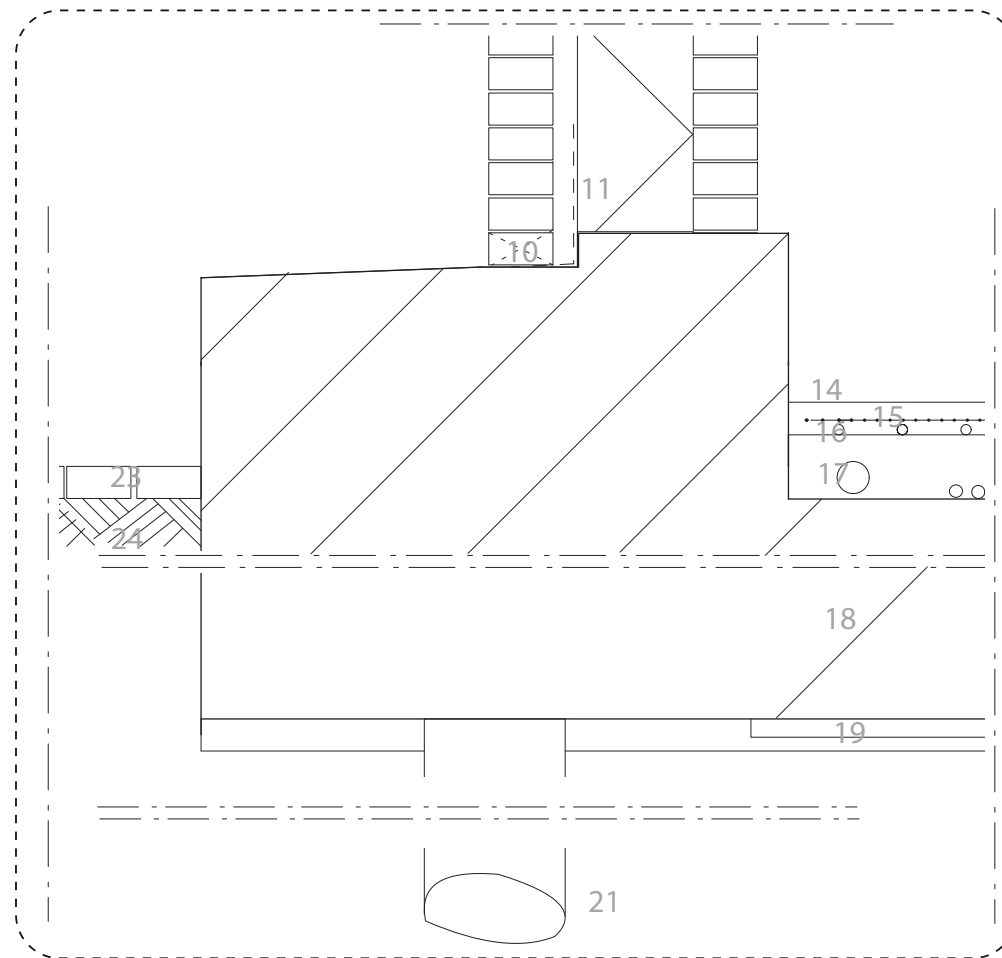
Elevation south









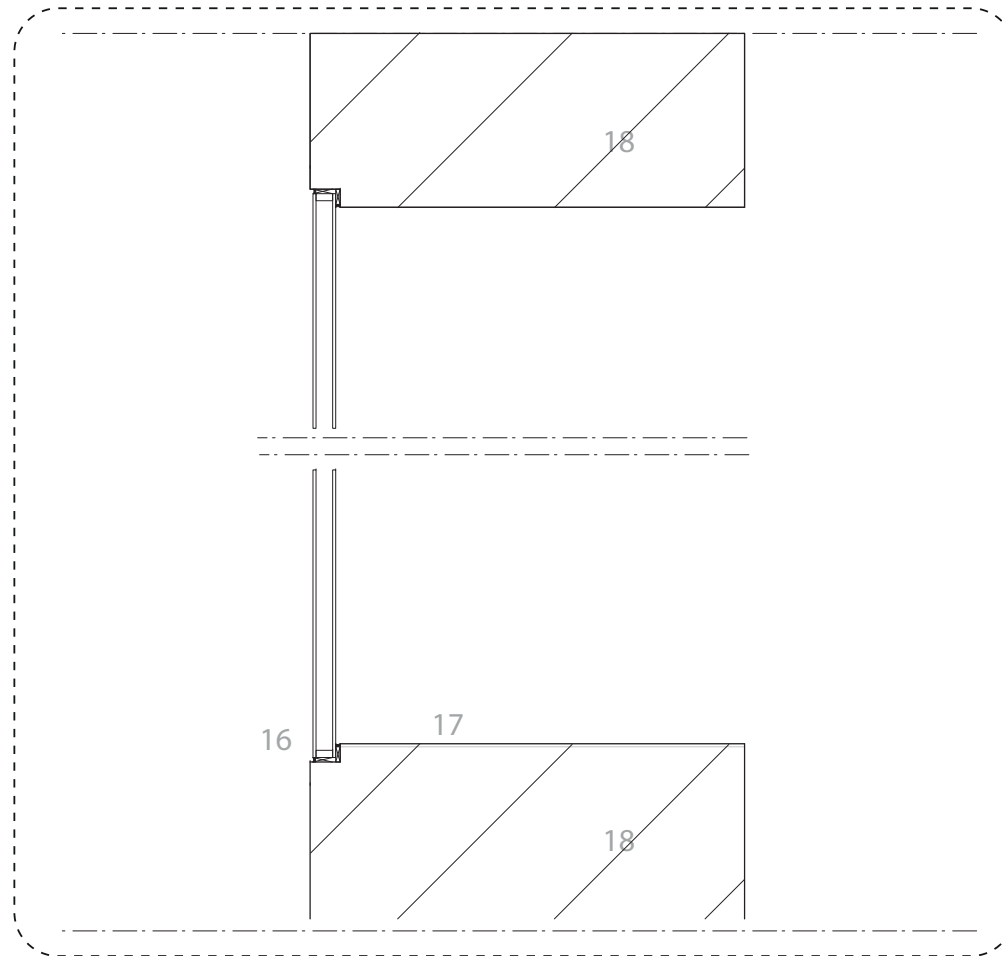


DETAIL connection wall and floors
vertical section
1:5

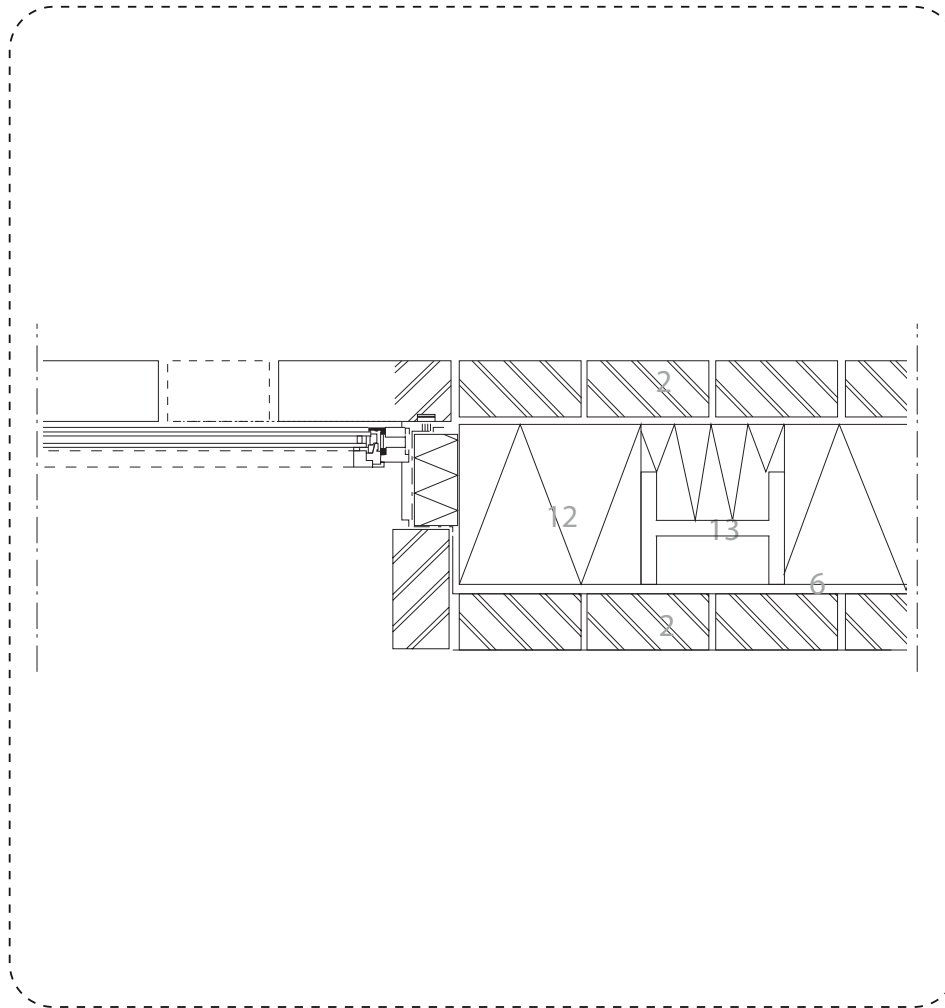
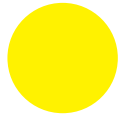
LEGEND:

1. drainage
2. brickwall
6. insulation (foamglas, insulation with slope)
7. reinforced concrete floor
8. structural glass rooflight WOR 1003E
9. concrete
10. open stootvoeg
11. waterproof layer
12. luchtspouw
13. steel H profile
14. 50 mm cement dekvloer
15. reinforcement net
16. underfloor heating
17. 100 mm FIM KK morel with pipes
18. 600 mm warmconcrete (A revolution in concrete technology, 2/3 of its volume consists of air enclosed in tiny recycled glass balls. Because of it's thermal properties a frameless window in a facade is possible without creating an thermal bridge)
19. werkvloer breedplaat
21. foundation
22. spit
23. pavement brick
24. yellow sand
25. plastic spacer rail. Nom 10 mm x 25 mm channel beneath bricks to allow free flowing water below
26. 50 x 50 treated C16 battens (latten)
27. 50 mm void
28. perforated brick rain screen roof to match walls
29. Ancon SPB wall tie fixed through waterproof membrane into plywood, Secondary paint on waterproof membrane to cover fixing
30. Roofing membrane EPDM; waterproof layer
31. Breather membrane lapped underneath gutter by at least 150 mm
32. continuous air gap
33. Afschot
34. water permeable layer to block sand
35. coarse sand layer
36. steel strip anchored to concrete
37. Steel profile to protect edge glas
38. Assemble roof window with small slope

1:5

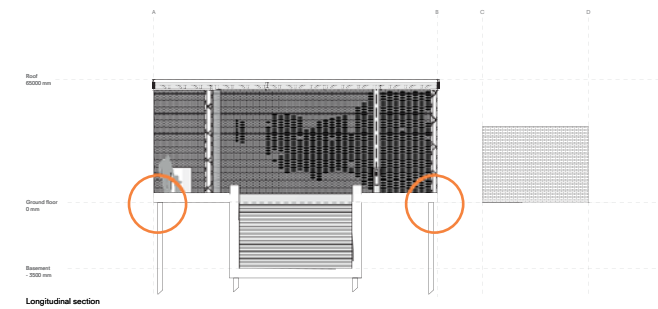
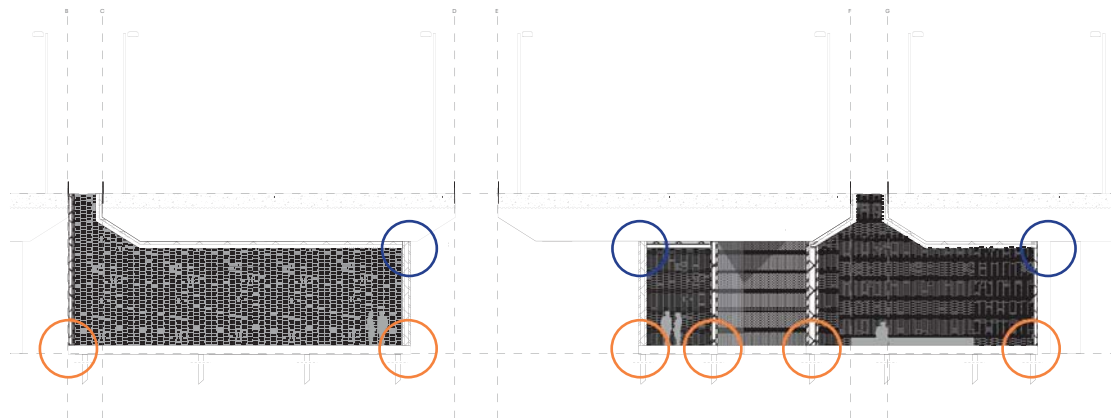
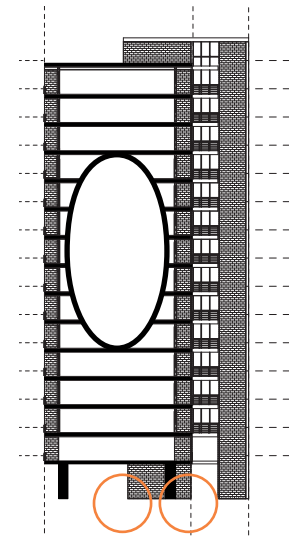
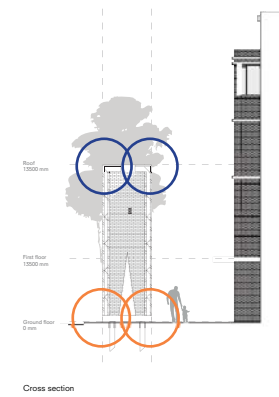
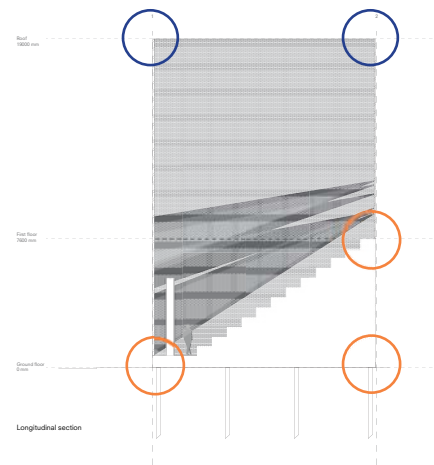
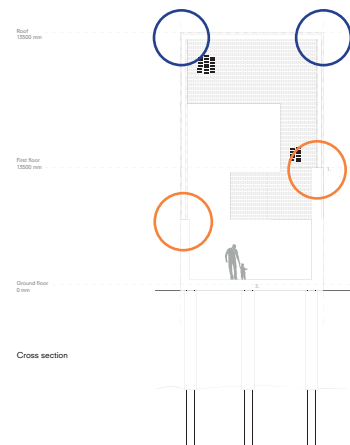


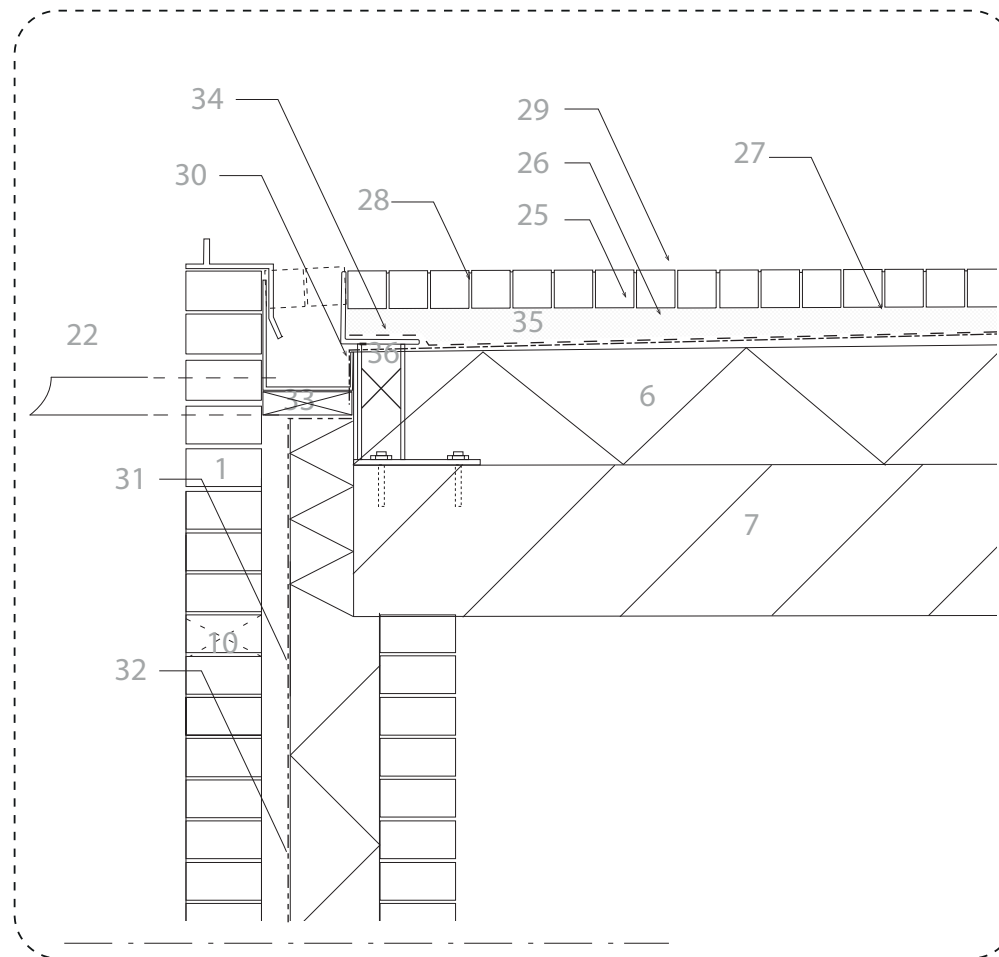
DETAIL window
vertical section
1:10



LEGEND:

1. drainage
2. brickwall
6. insulation (foamglas, insulation with slope)
7. reinforced concrete floor
8. structural glass rooflight WOR 1003E
9. concrete
10. open stootvoeg
11. waterproof layer
12. luchtsponw
13. steel H profile
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34. water permeable layer to block sand
35. coarse sand layer
36. steel strip anchored to concrete
37. Steel profile to protect edge glas
38. Assemble roof window with small slope

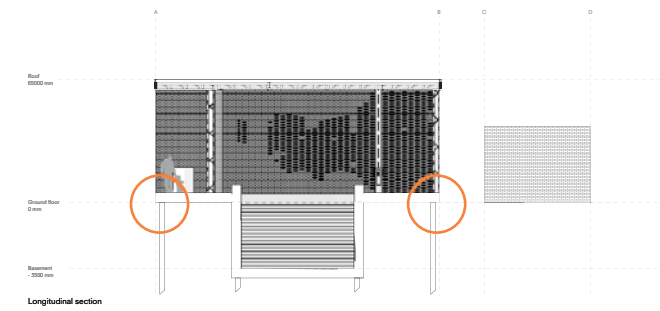
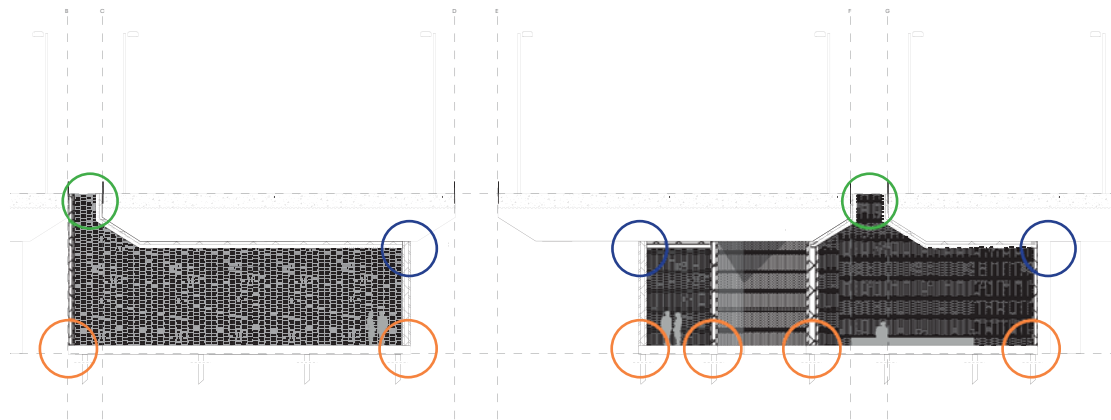
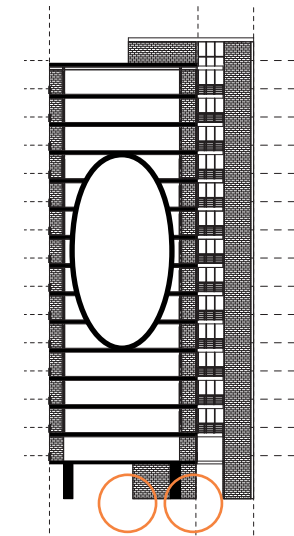
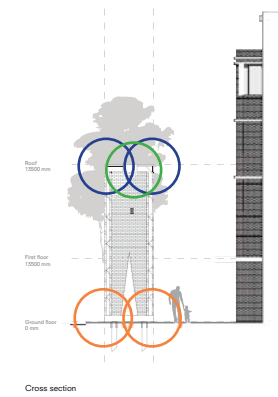
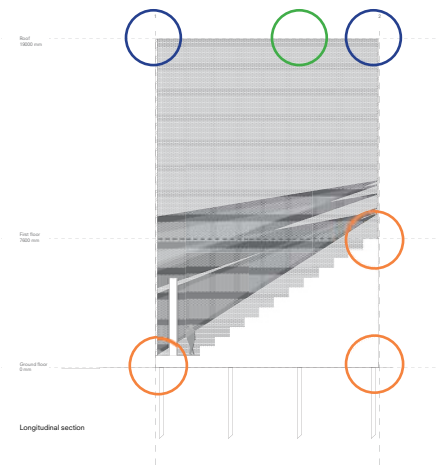
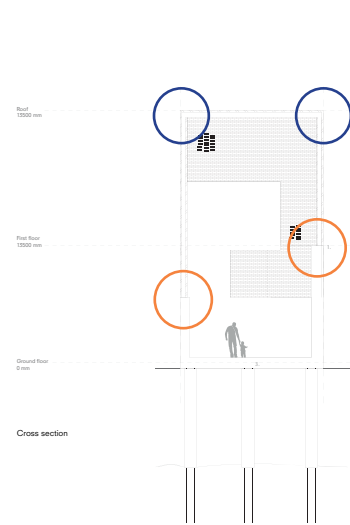


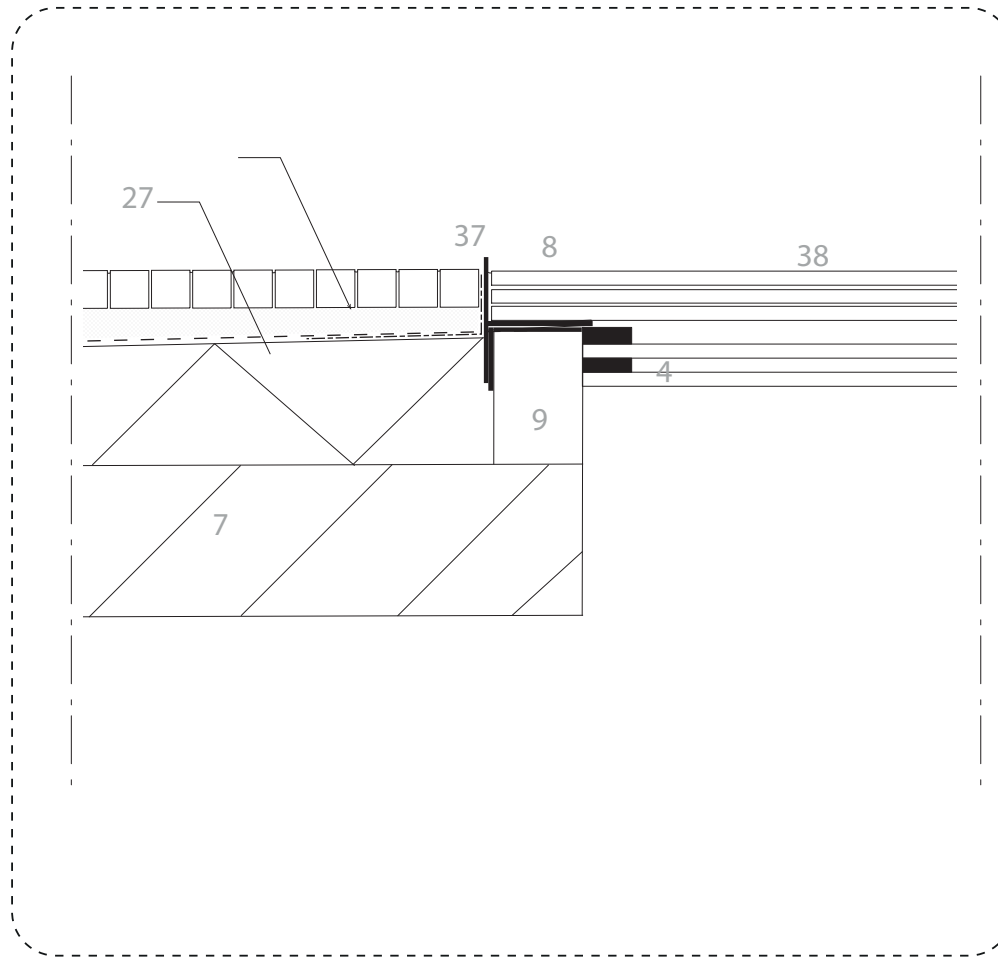


LEGEND:

1. drainage
2. brickwall
6. insulation (foamglas, insulation with slope)
7. reinforced concrete floor
8. structural glass rooflight WOR 1003E
9. concrete
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35. coarse sand layer
36. steel strip anchored to concrete
37. Steel profile to protect edge glas
38. Assemble roof window with small slope

DETAIL conection wall and roof
vertical section
1:5

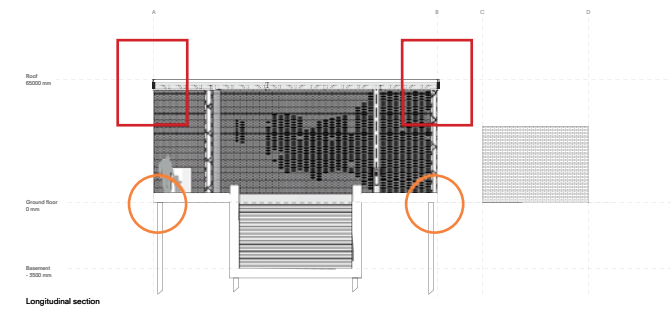
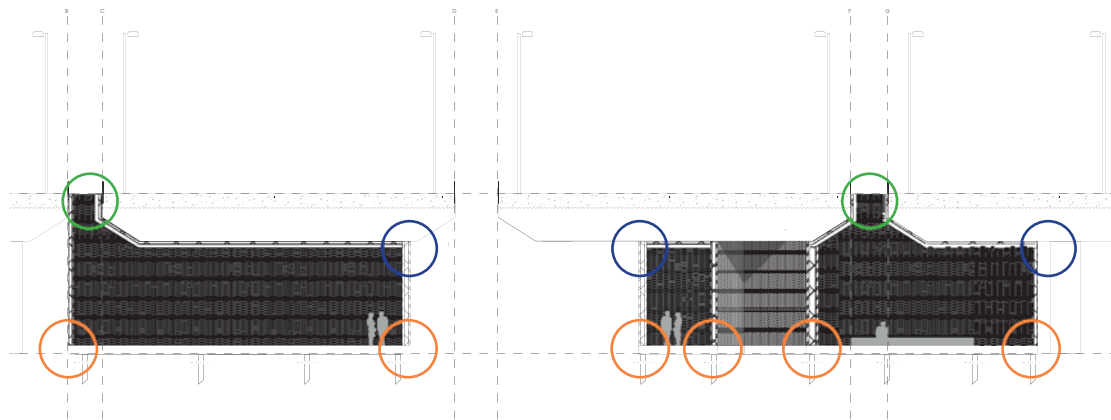
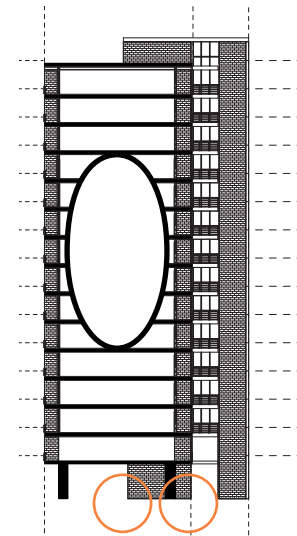
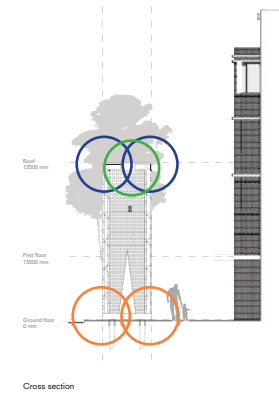
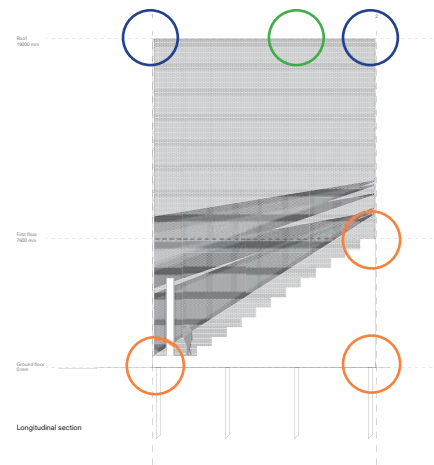
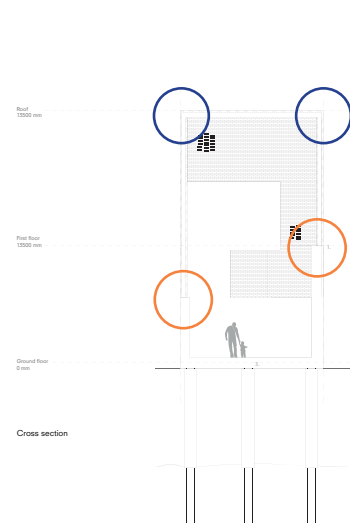




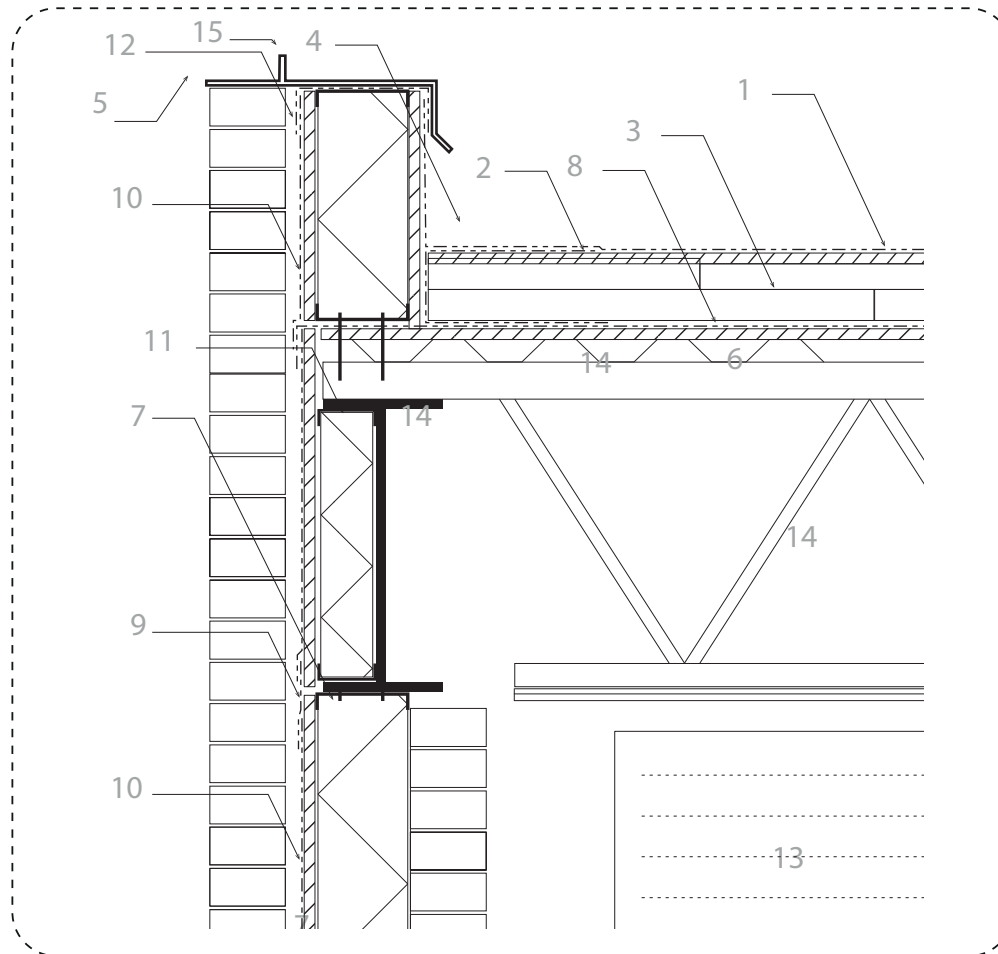
Technical drawing of a roof cross-section. The drawing shows a sloped roof structure with a gabled section on the left and a flat section on the right. The gabled section is labeled with '7' and shows a cross-section of the roof structure. The flat section is labeled with '9' and shows a cross-section of the roof structure. The roof is supported by a wall on the left, which is labeled with '27' and '37'. The roof is covered with a layer labeled '38'. The roof is shown with a cross-section of the roof structure, including the roof tiles, the roof structure, and the roof covering. The roof is shown with a cross-section of the roof structure, including the roof tiles, the roof structure, and the roof covering. The roof is shown with a cross-section of the roof structure, including the roof tiles, the roof structure, and the roof covering.

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34. Assemble roof window with small slope



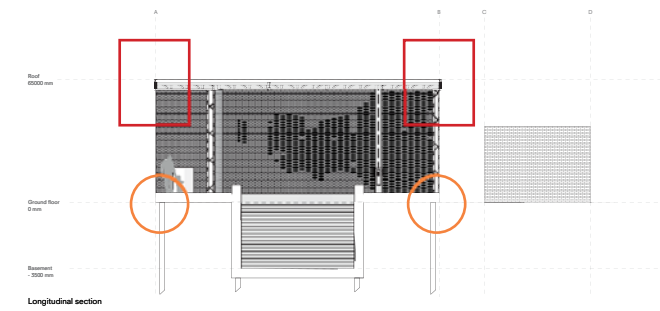
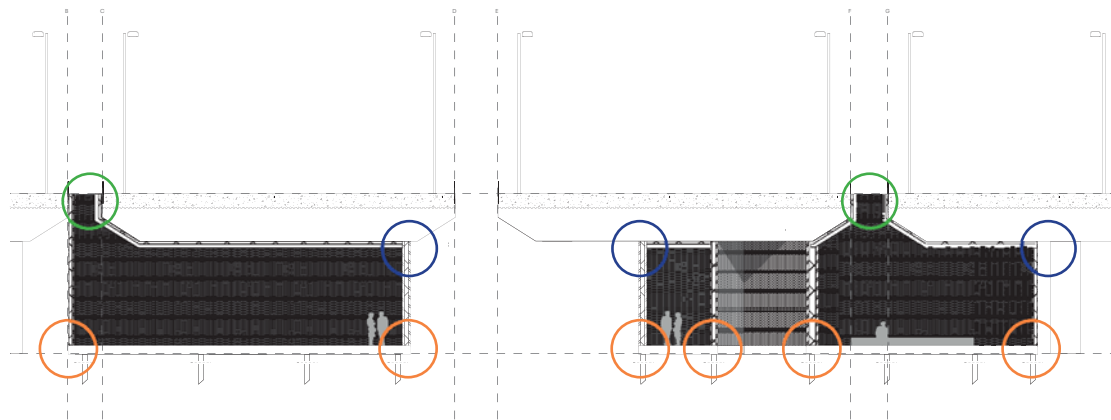
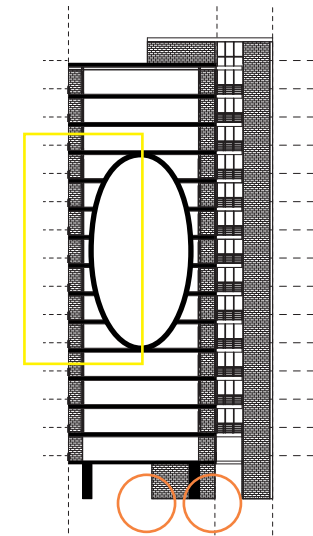
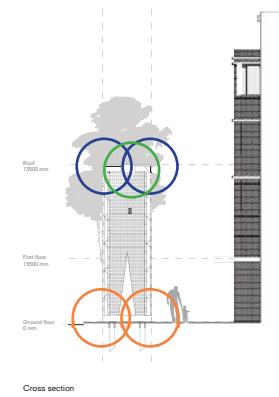
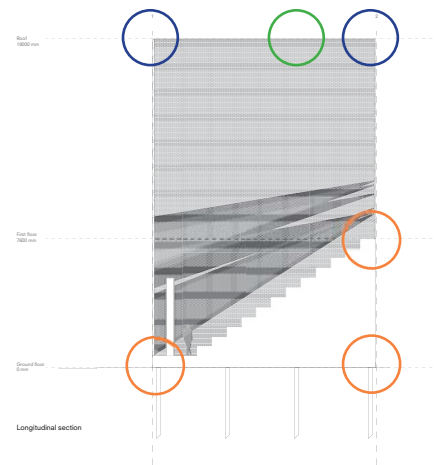
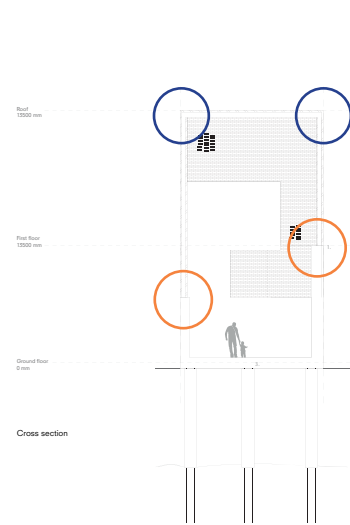
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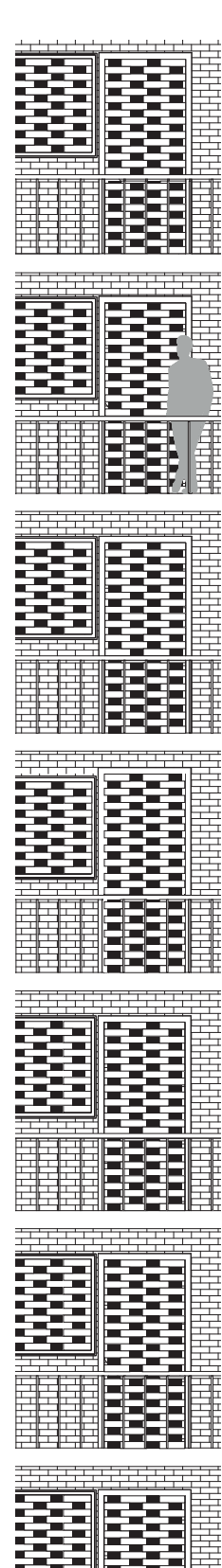


DETAIL roof gasstation
vertical section
1:20

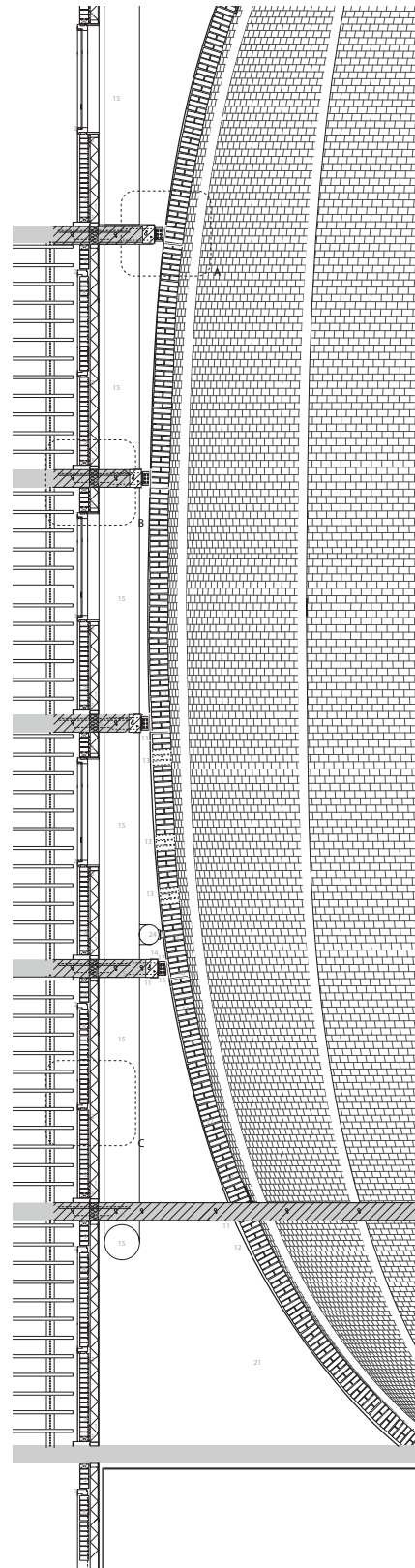
LEGEND:

1. Fully adherent roof membrane (EPDM)
2. Perimeter of roof insulation wrapped in air control membrane to block air flow from roof to parapet
3. Two layers insulation; joints staggered horizontally and vertically
5. Parapet flashing
6. Metal deck
7. Deflection track allows space for sheathing to move
8. Air control membrane
9. Peel and stick, transition membrane; air and water control
10. Water, air and vapor control membrane; preferably fully adhered
11. Light steel framing
12. Air control layer, transition membrane
13. Sound absorbing panels
14. Existing roof
15. Manage flow of water
16. Insulation glass (stelblokjes met plastische voeg)
17. Waterkerende morel
18. 600 mm warmconcrete (A revolution in concrete technology, 2/3 of its volume consists of air enclosed in tiny recycled glass balls. Because of it's thermal properties a frameless window in a facade is possible without creating an thermal bridge)

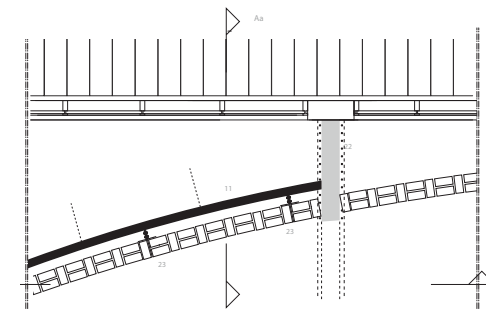
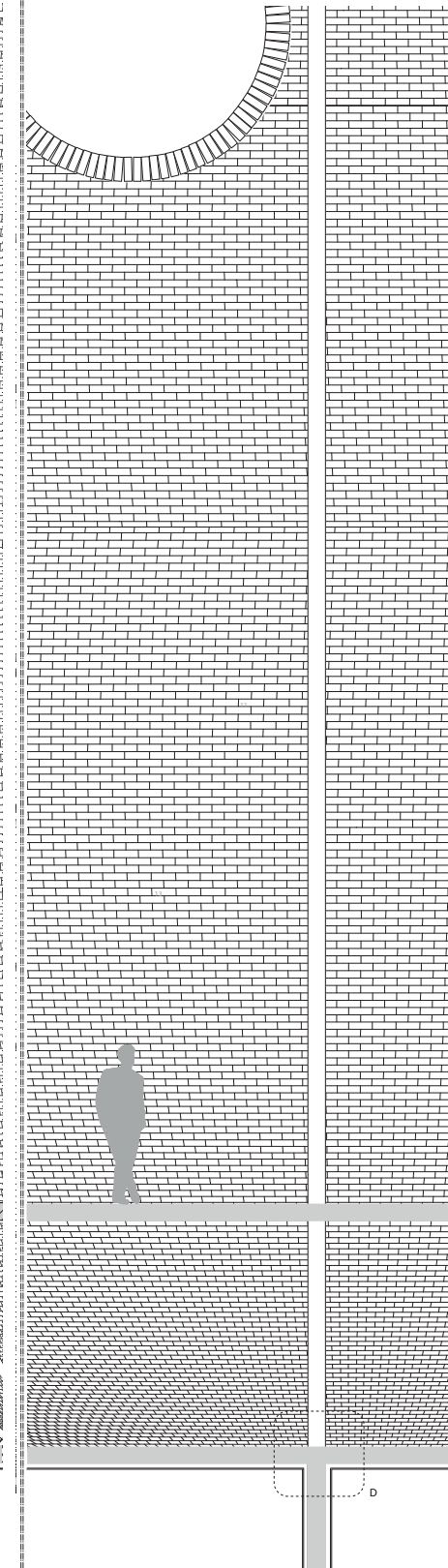




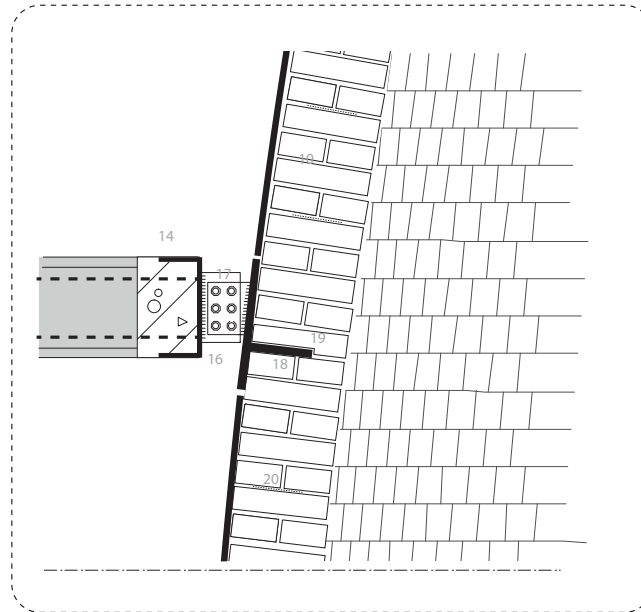
ION Aa



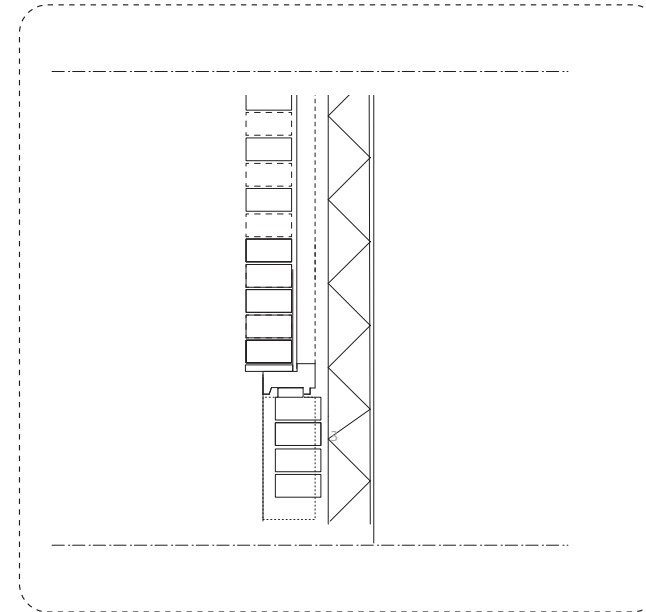
VERTICAL SECTION Bb



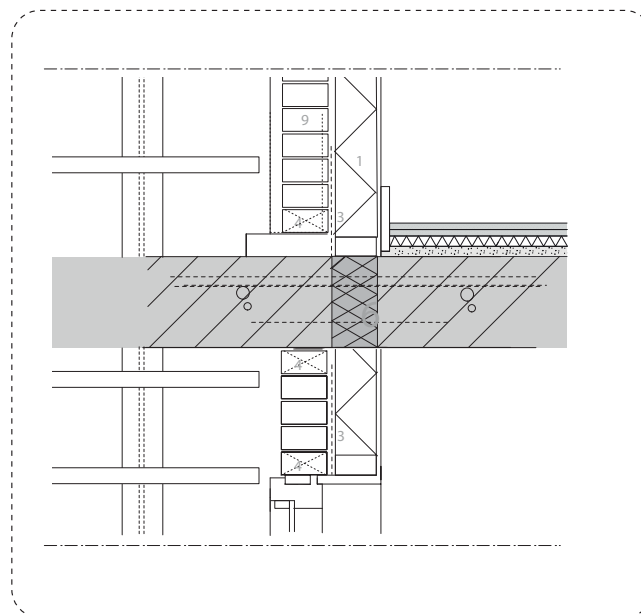
HORIZONTAL SECTION



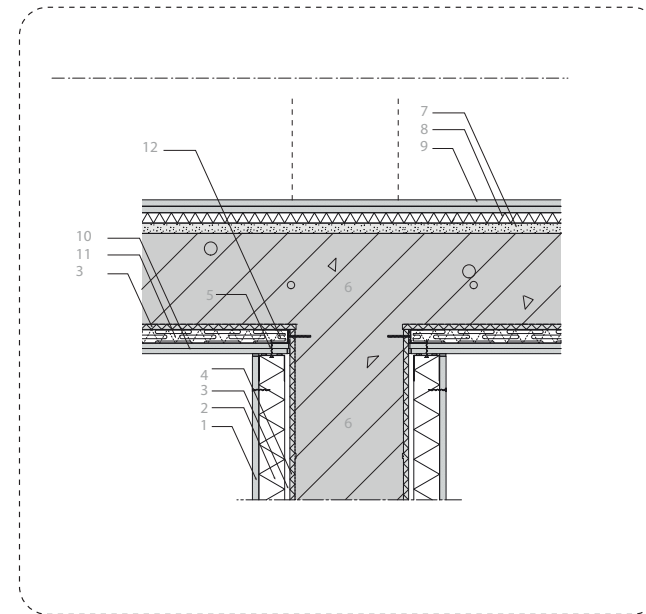
DETAIL A
connection load bearing structure brick wall
1:10



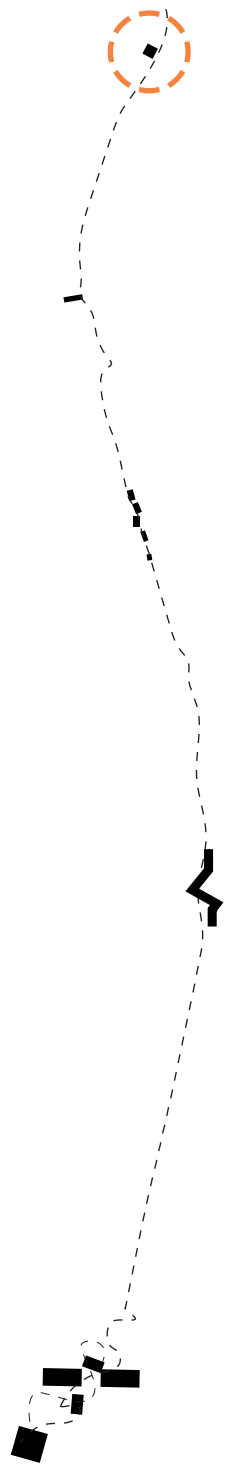
DETAIL C
brick window
1:10

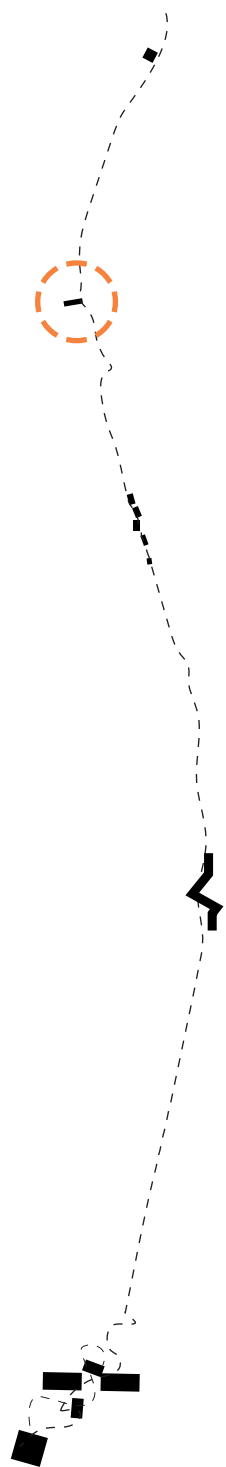


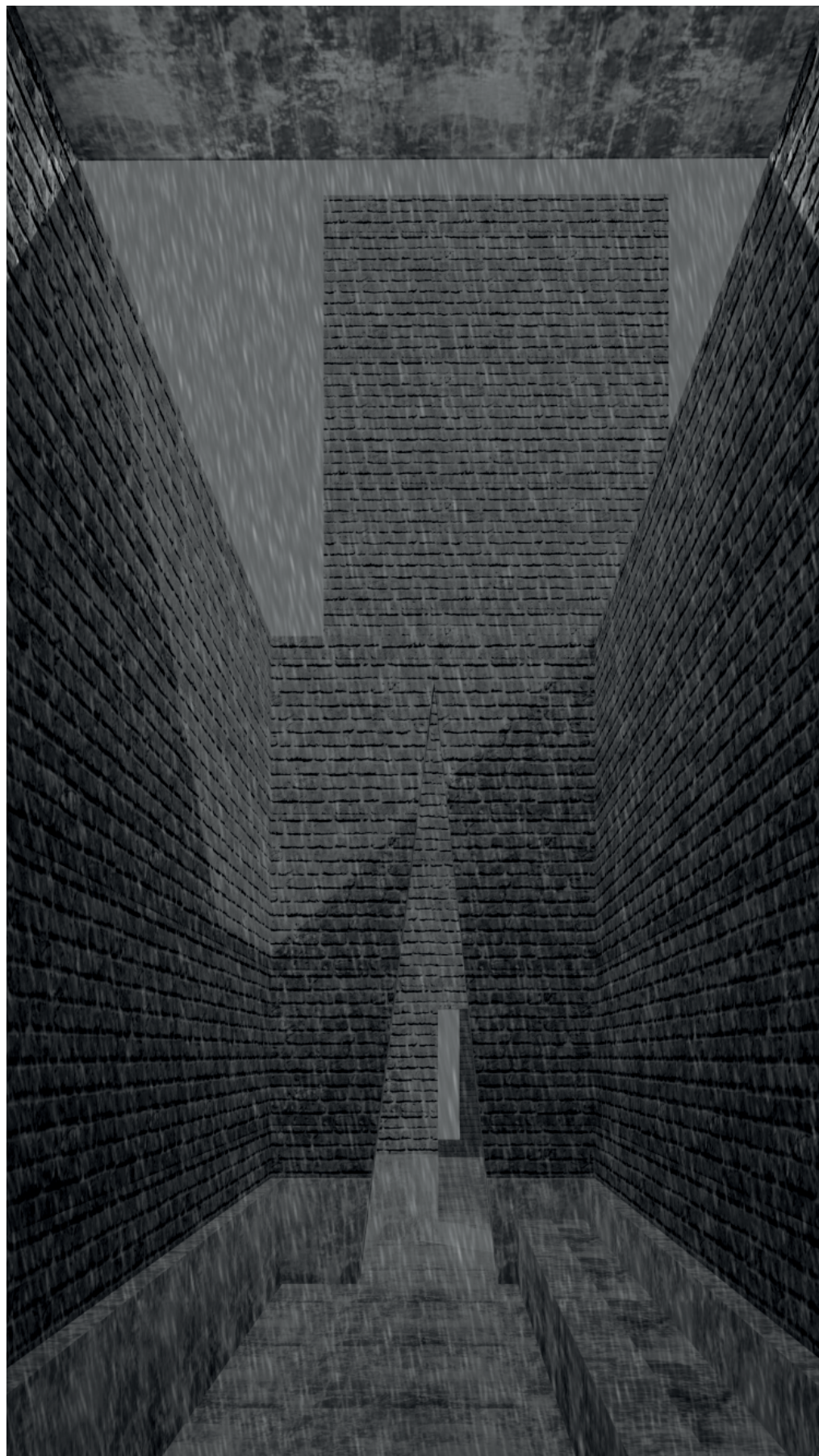
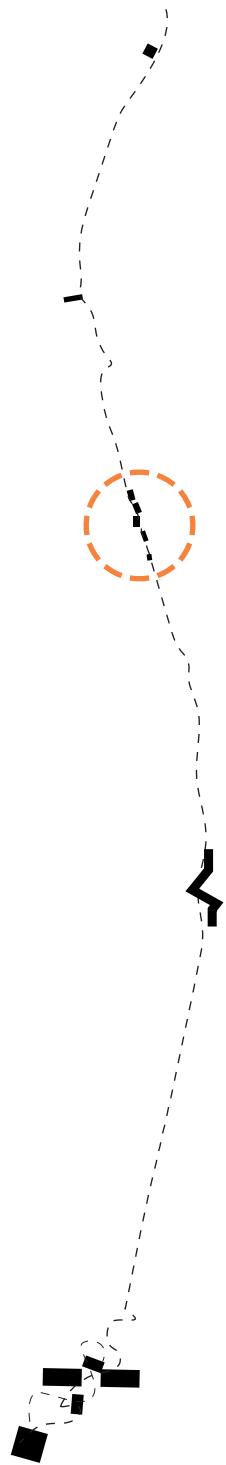
DETAIL B
isokorf balcony
1:10

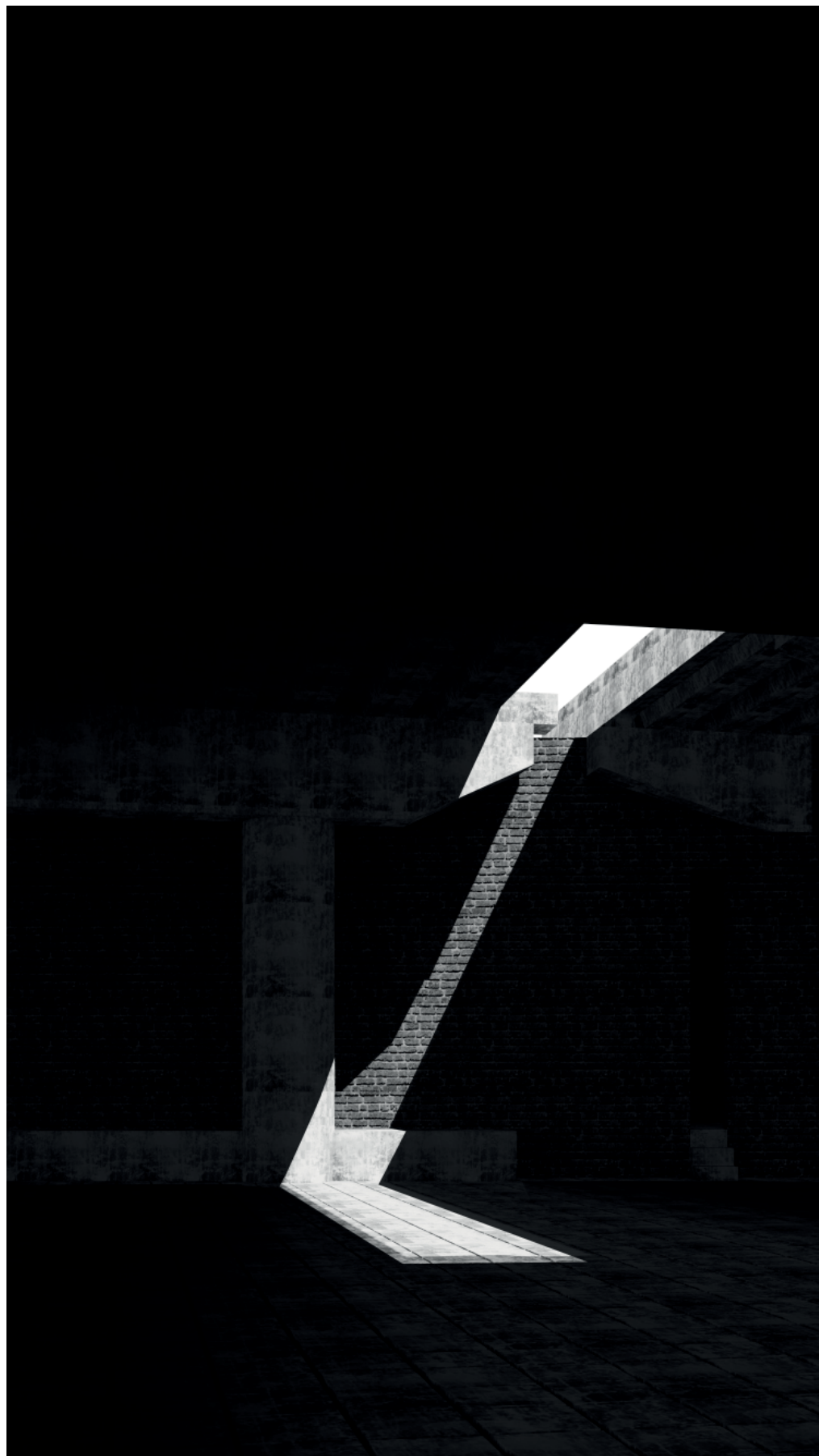
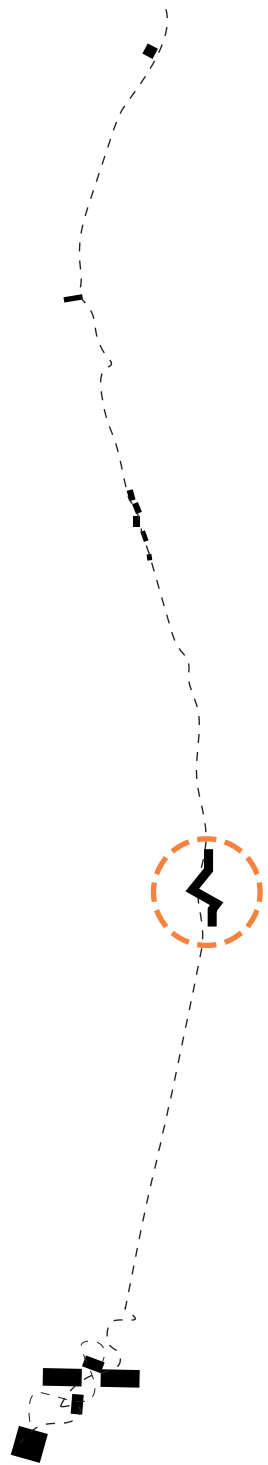


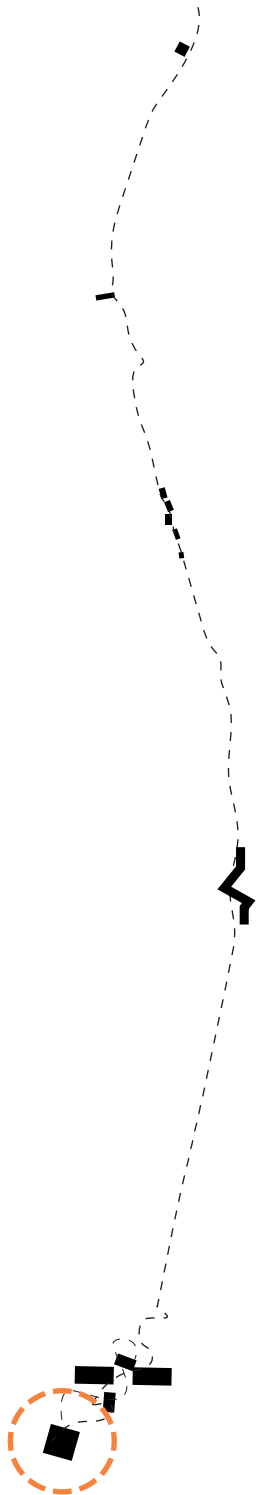
DETAIL D
sound insulation add on existing concrete structure
1:10

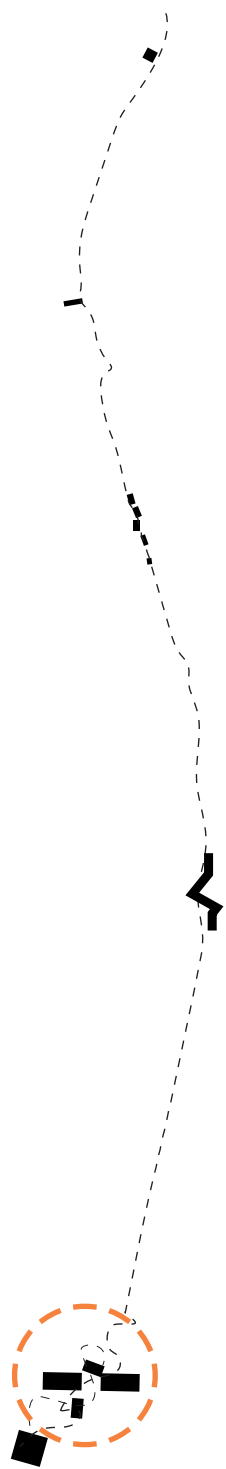


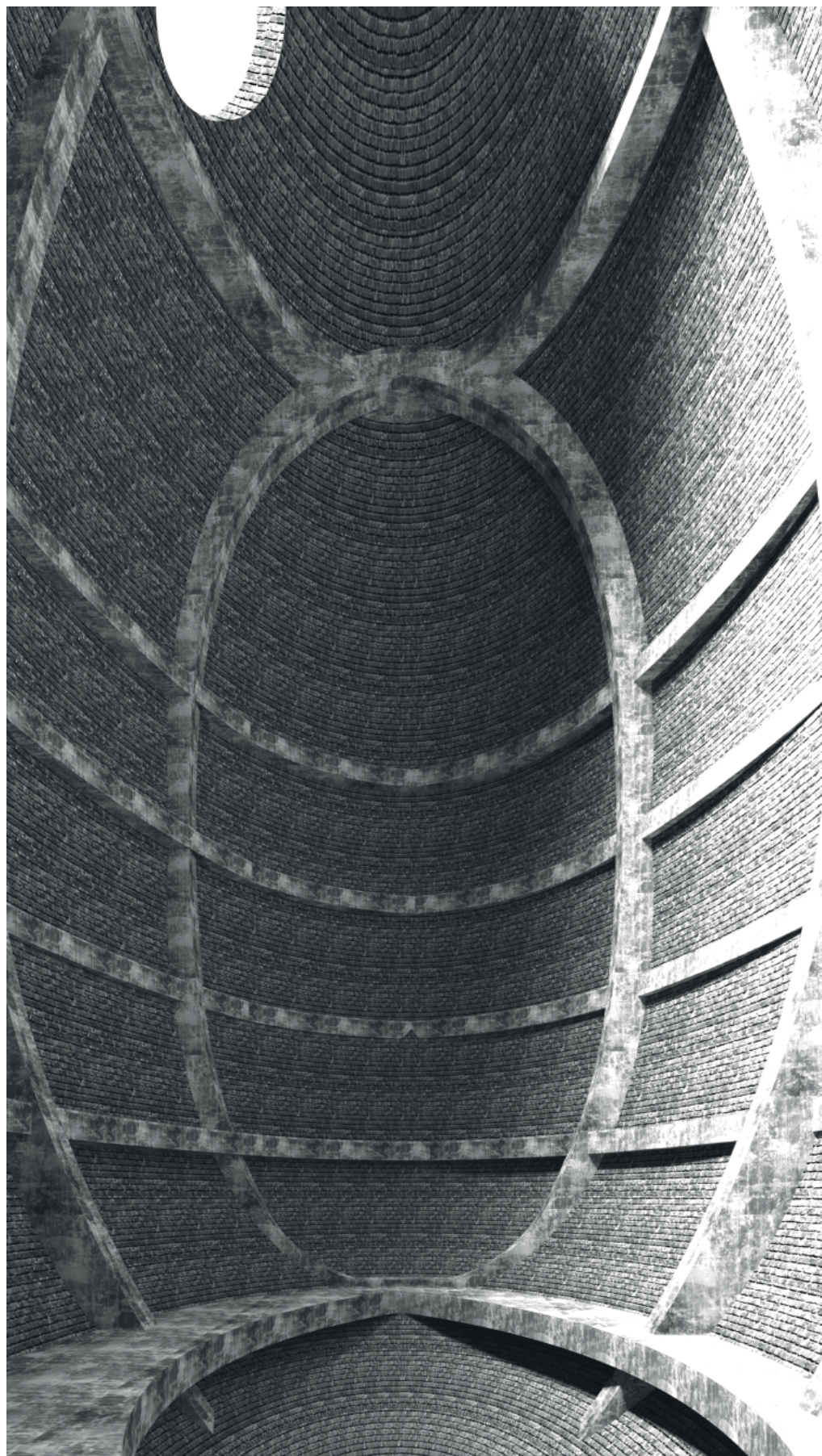
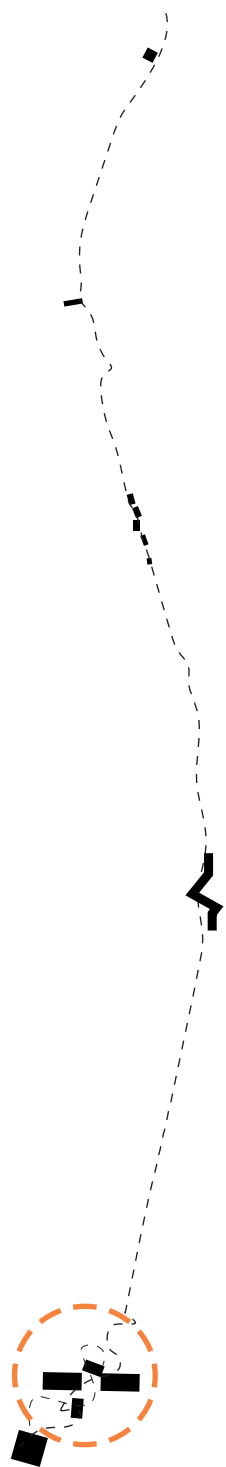












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