

street, sea, fish

a fish market for Tallinn, making the working coast part of the city



Bálint Duma / 6139361

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Supervisor: Matthijs Klooster
A Matter of Scale Graduation Studio 2025-26





Suur-Patarei



Kalaranna Promenade



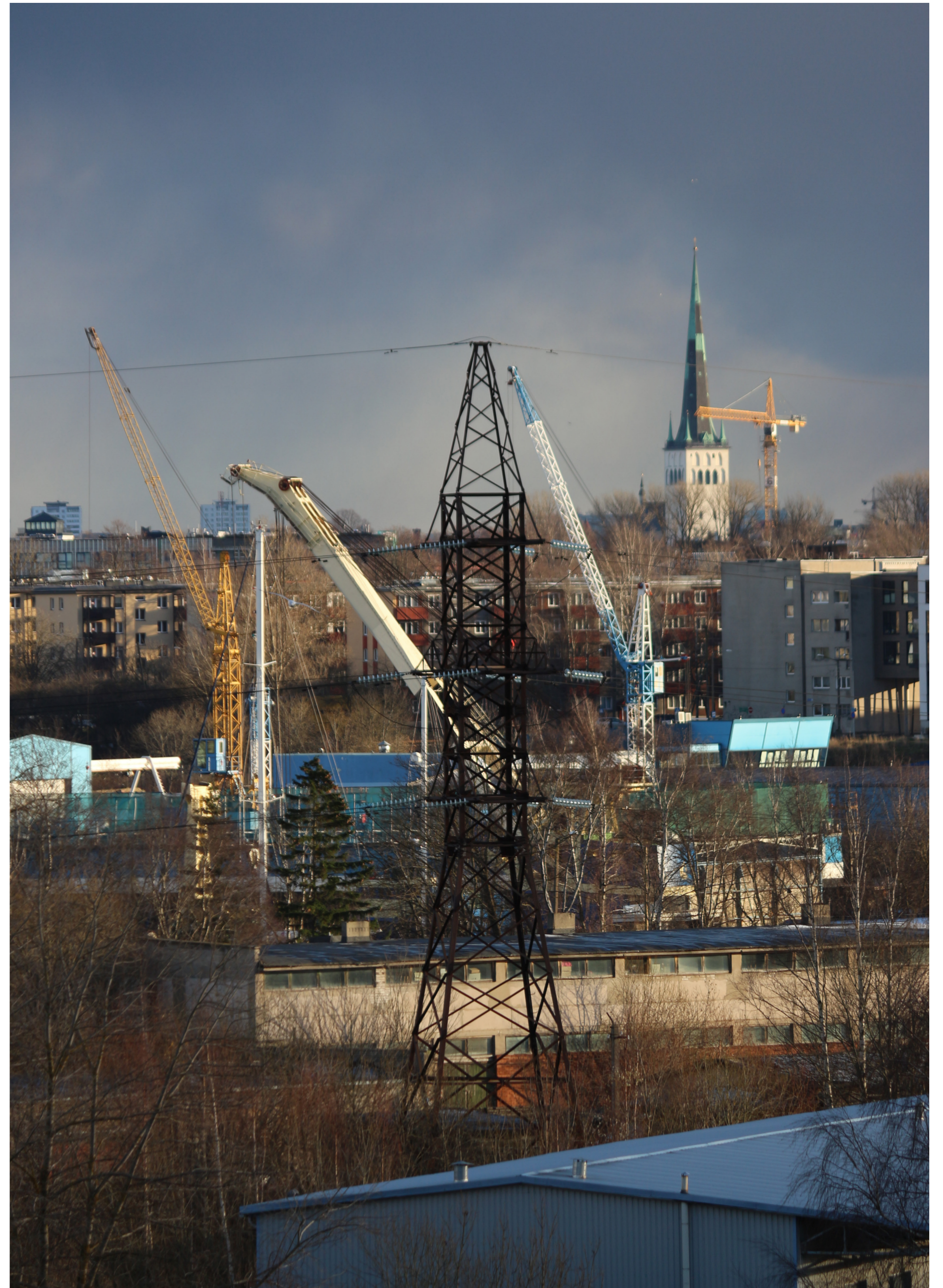
View of the coast from Kopli



Kalaranna Promenade



View of the coast from Kopli



View of the Old Town from Kopli



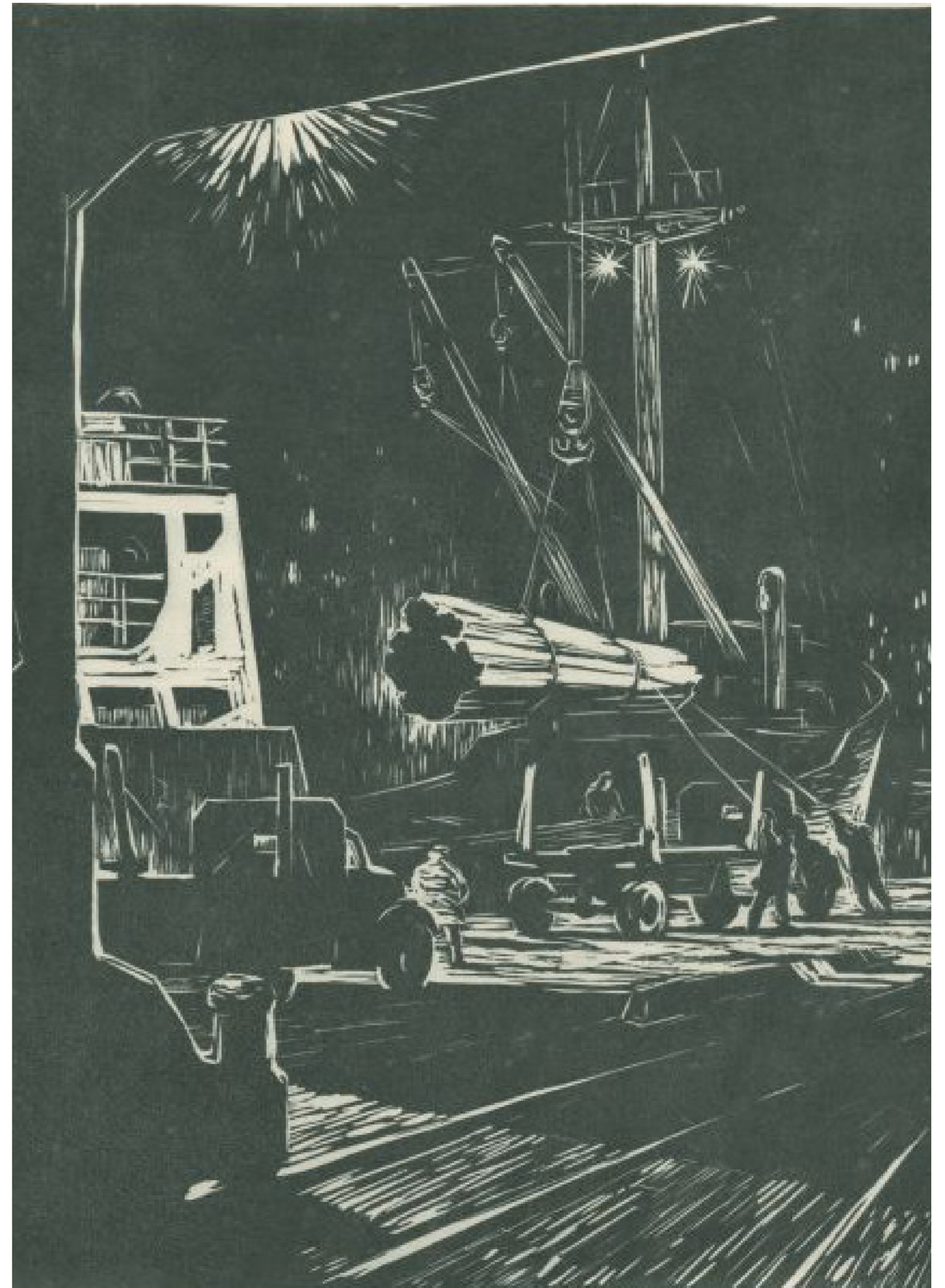
Tallinn and its sea / Hugo Mitt (1960)



View of the Old Town from Kopli

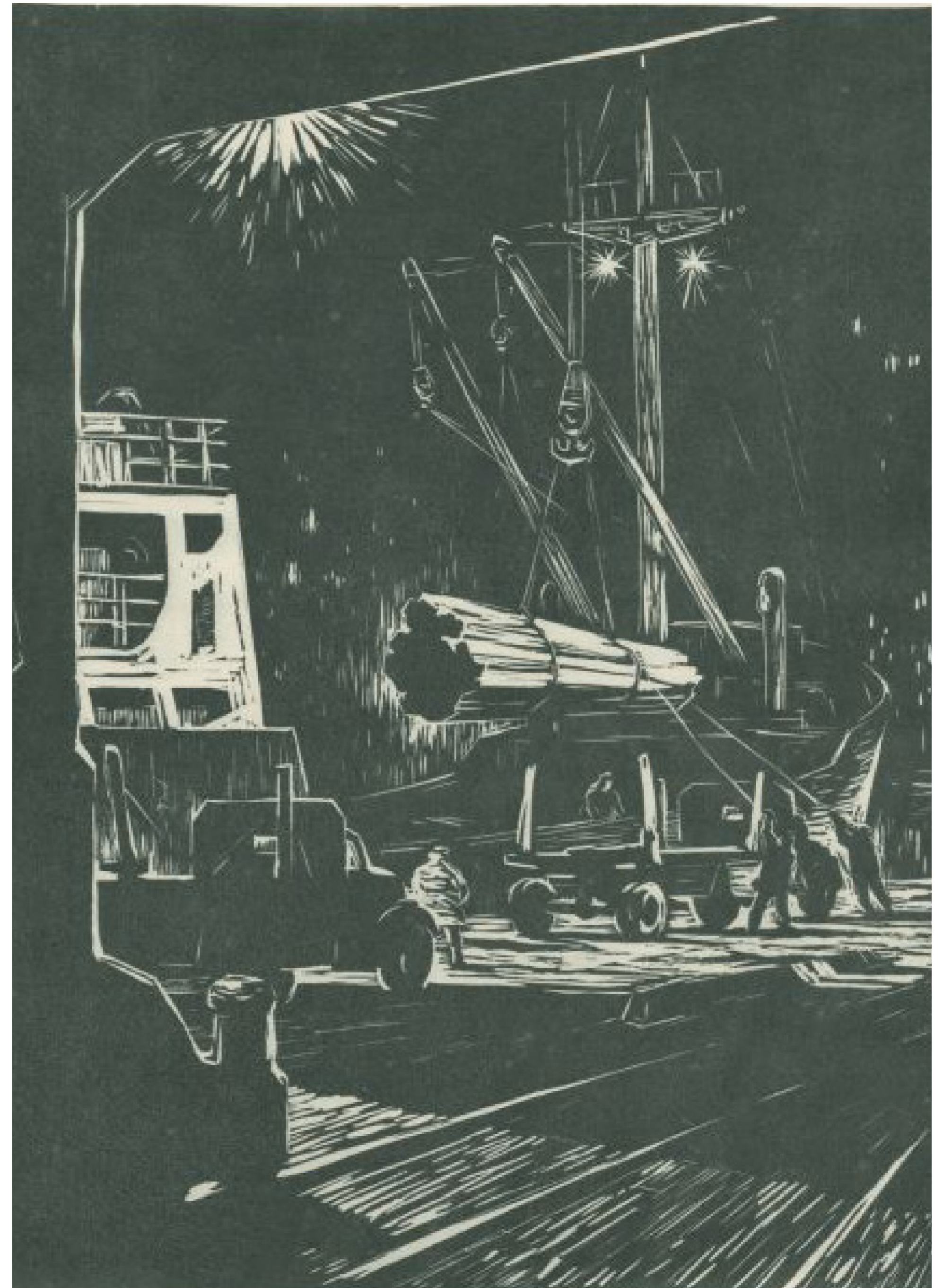


Tallinn and its sea / Hugo Mitt (1960)



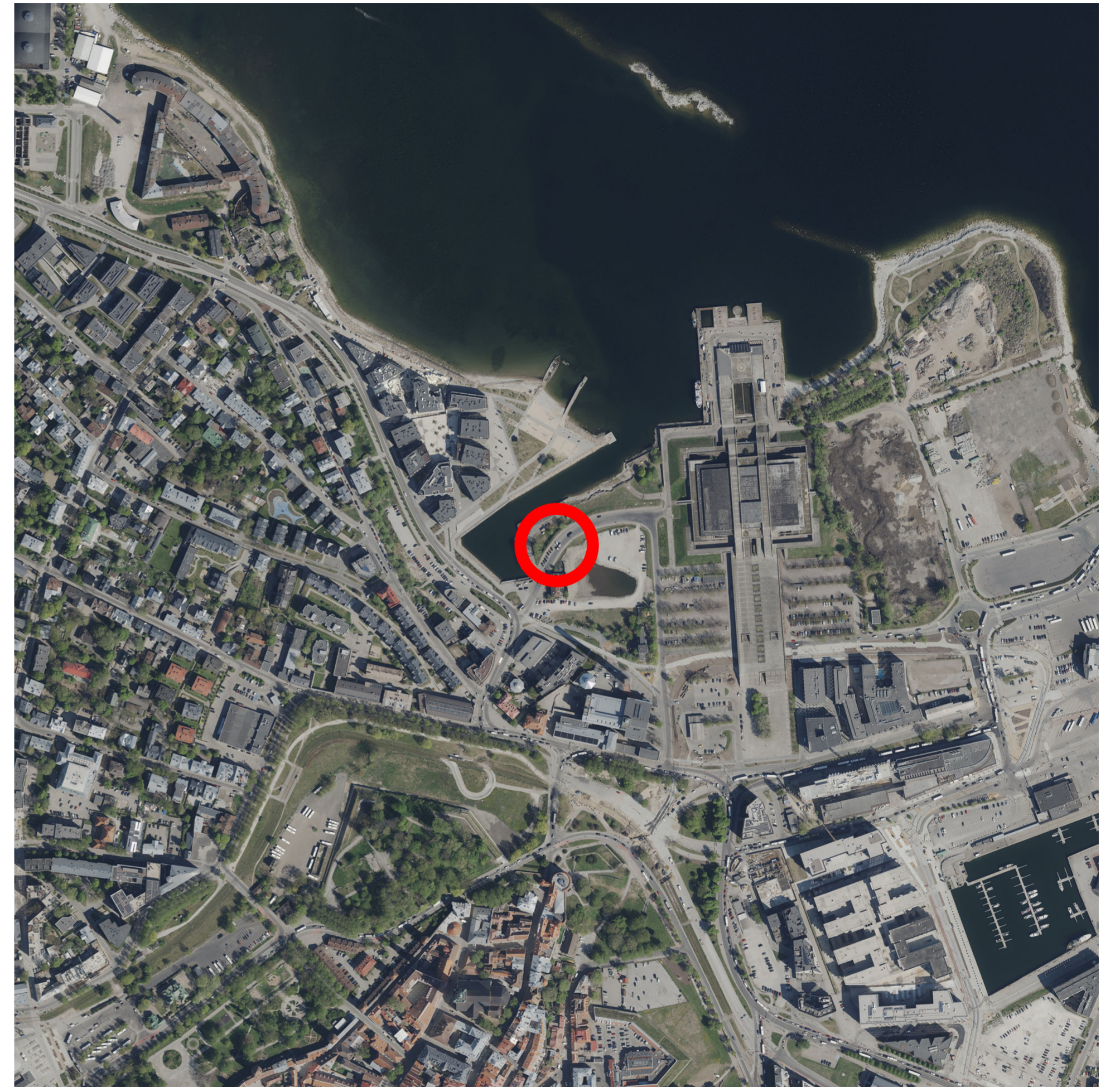
Tallinn and its sea / Hugo Mitt (1960)

How can the working coast
become part of the city?



Tallinn and its sea / Hugo Mitt (1960)

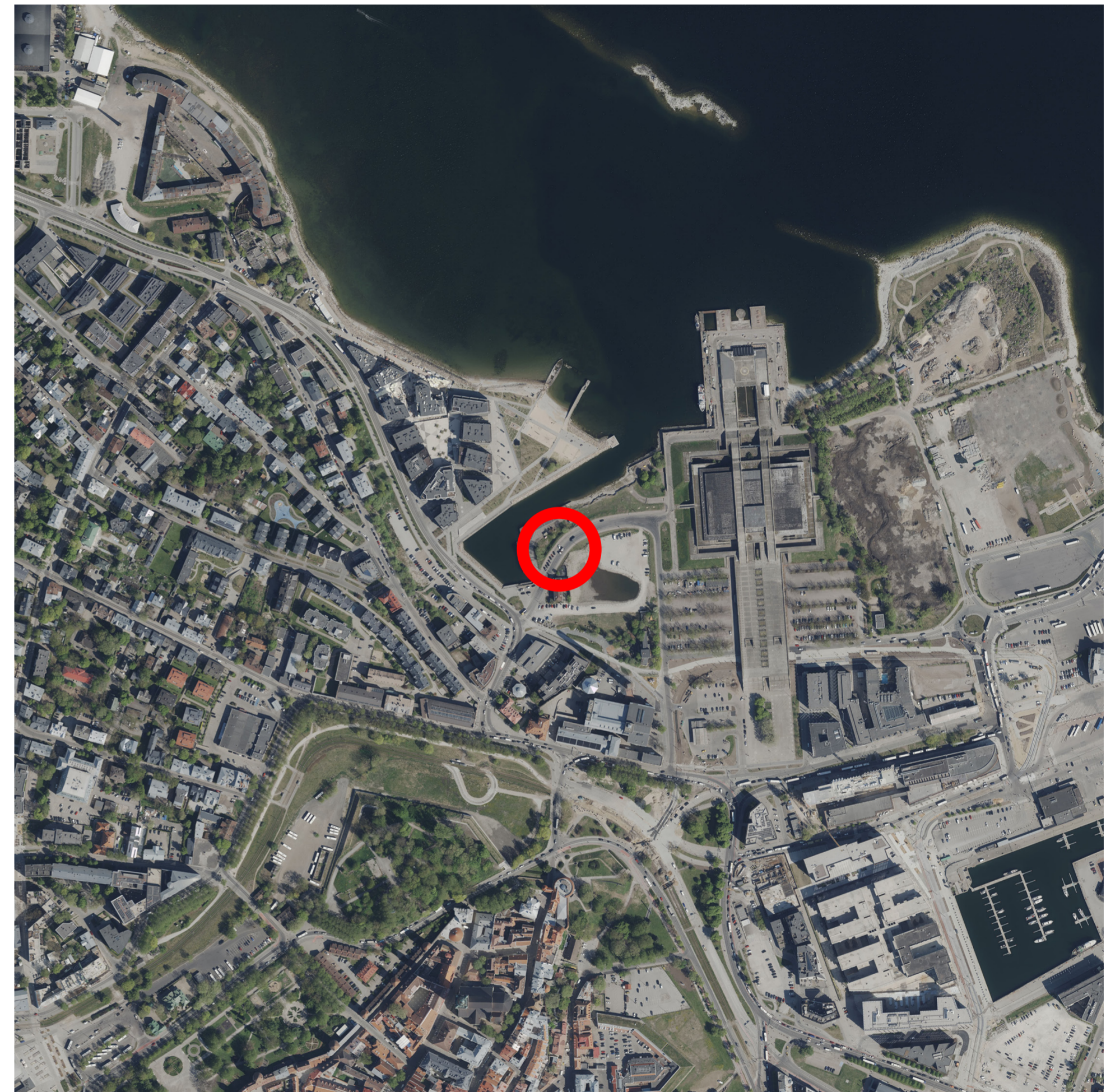
How can the working coast
become part of the city?



Kalaturg on the map of Kalasadam, Tallinn



Kalaturg in October



Kalaturg on the map of Kalasadam, Tallinn



Kalaturg in October



Kalaturg in April



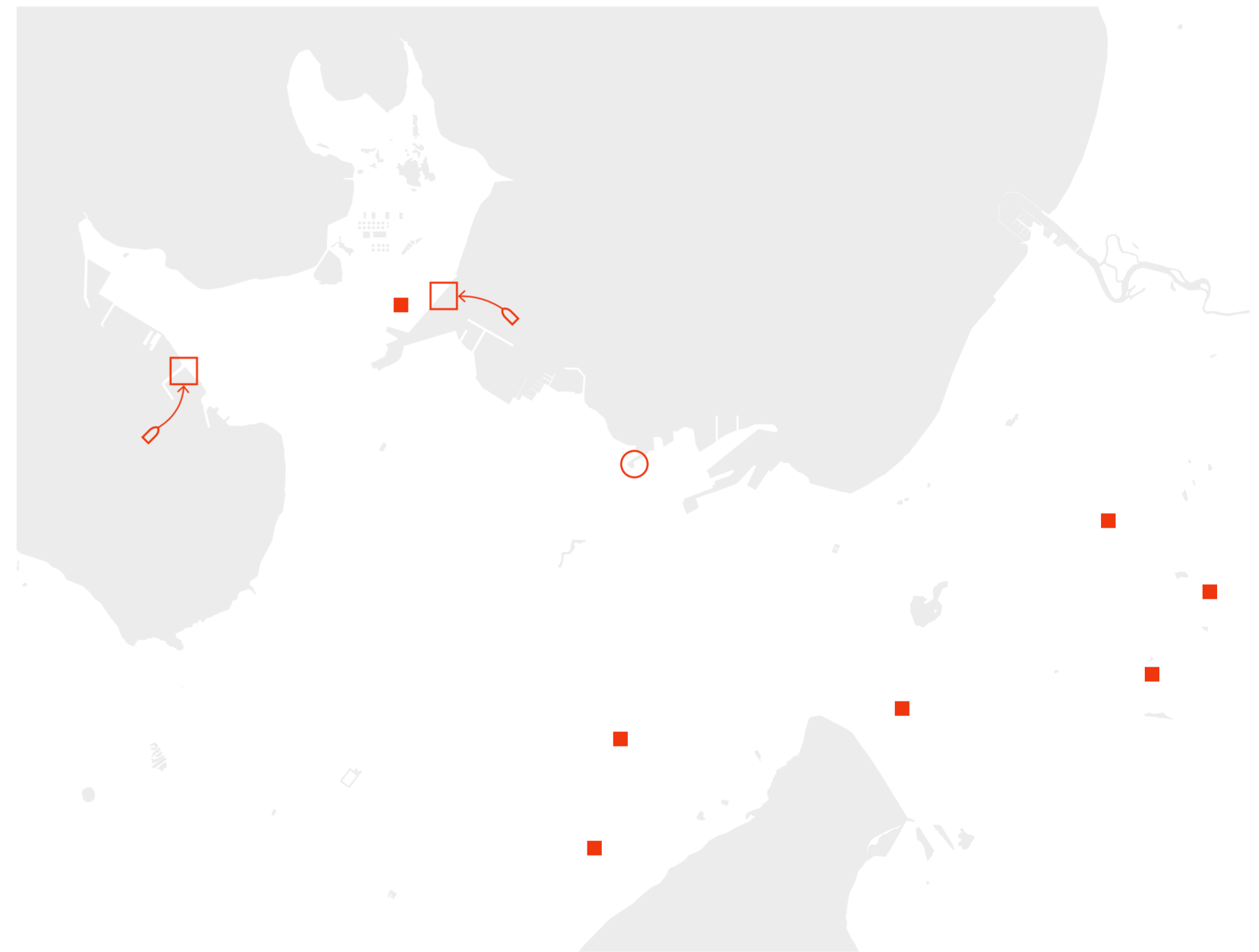
Kalaturg in the 1960s / archival photo



Kalaturg in April



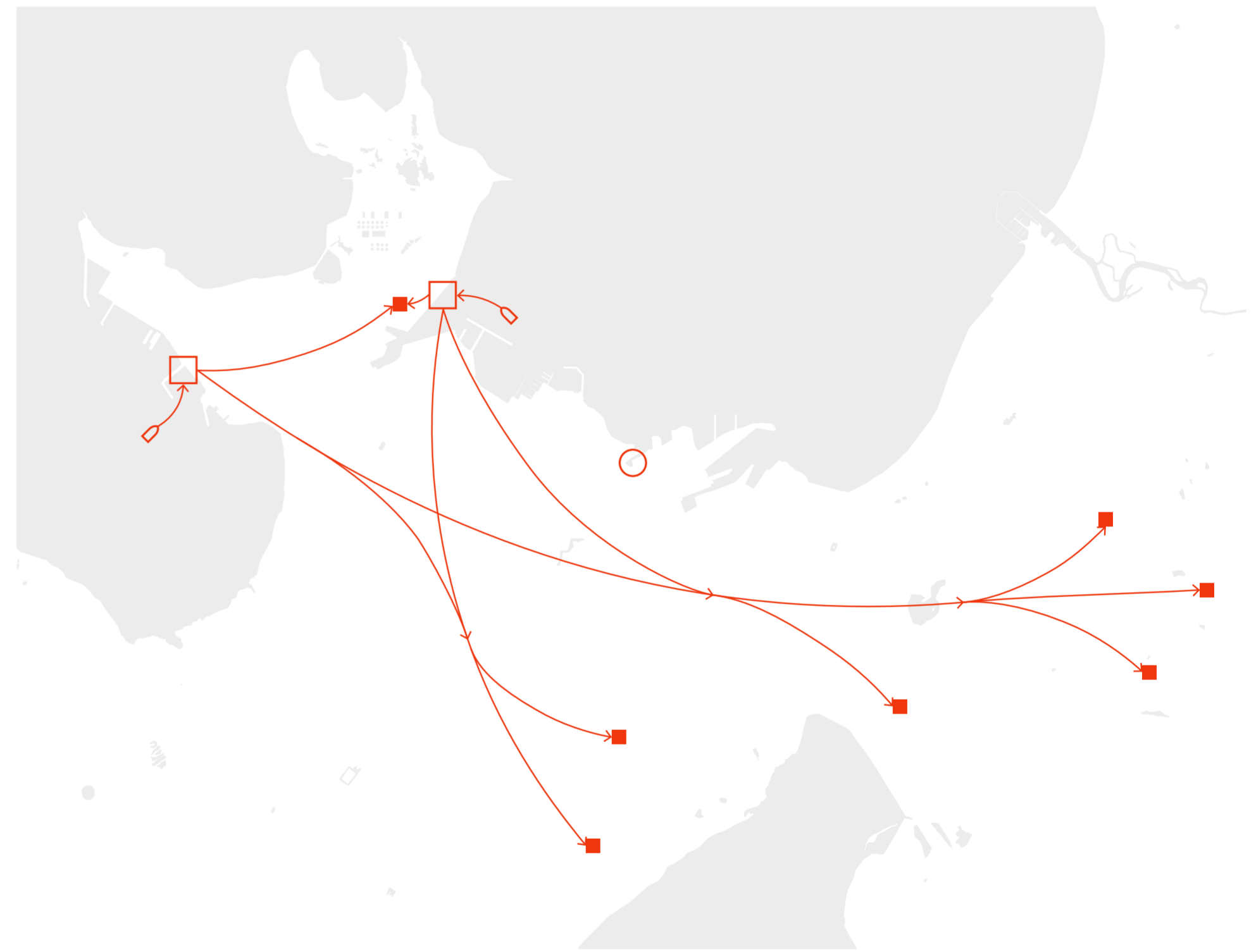
Kalaturg in the 1960s / archival photo



Current pocess of fishing fishing port processing facility market



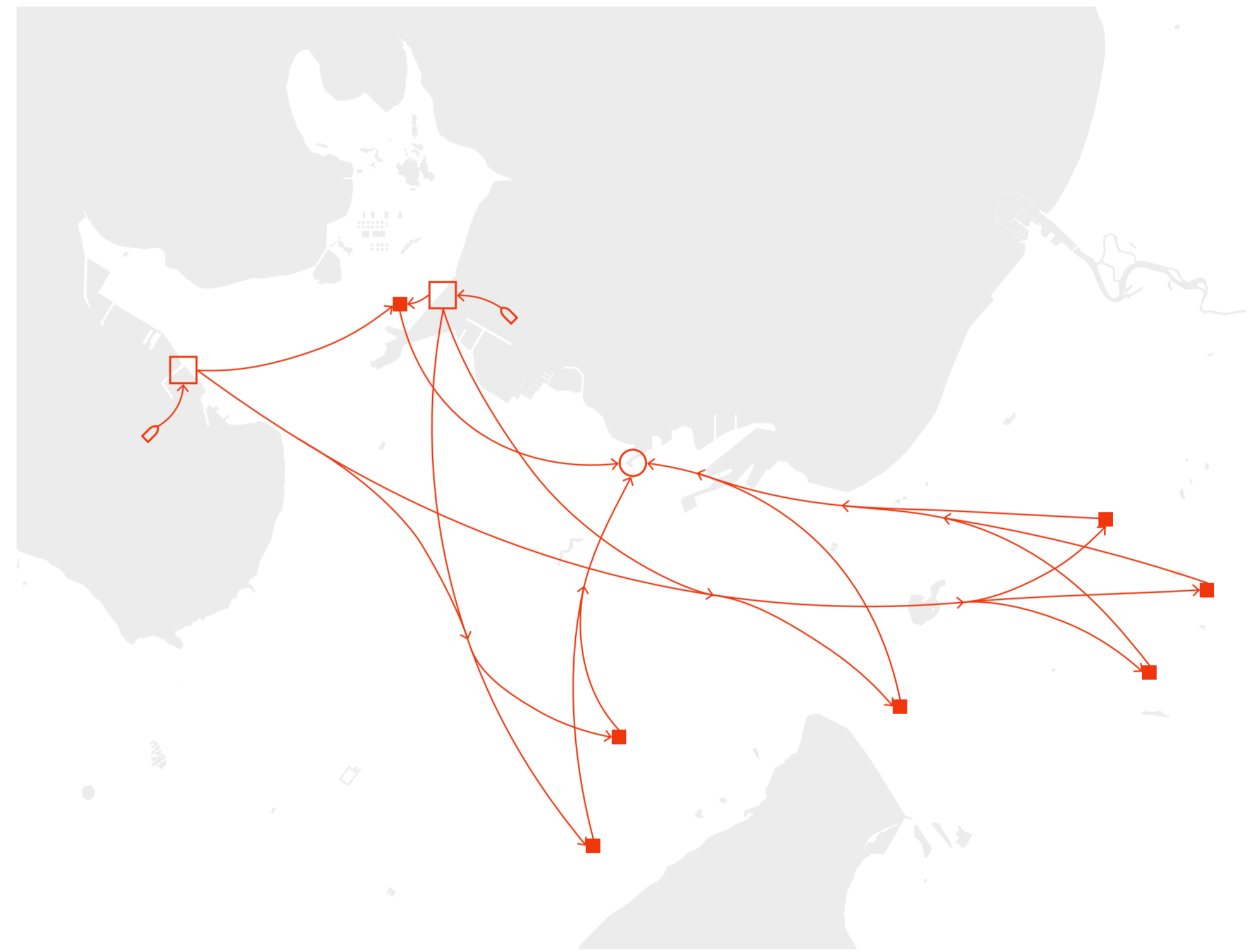
Kalaturg in the 1960s / archival photo



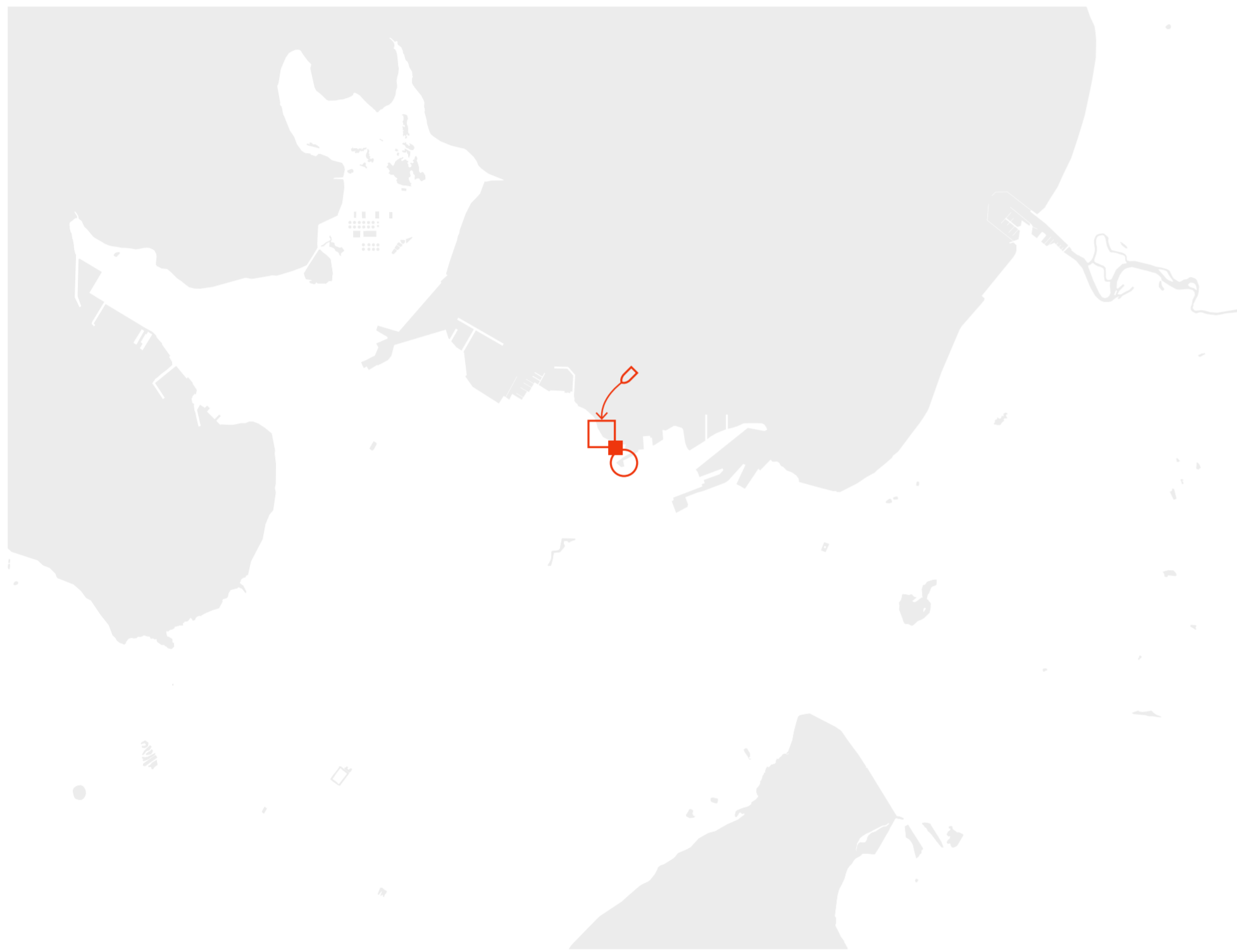
Current pocess of fishing fishing port processing facility market



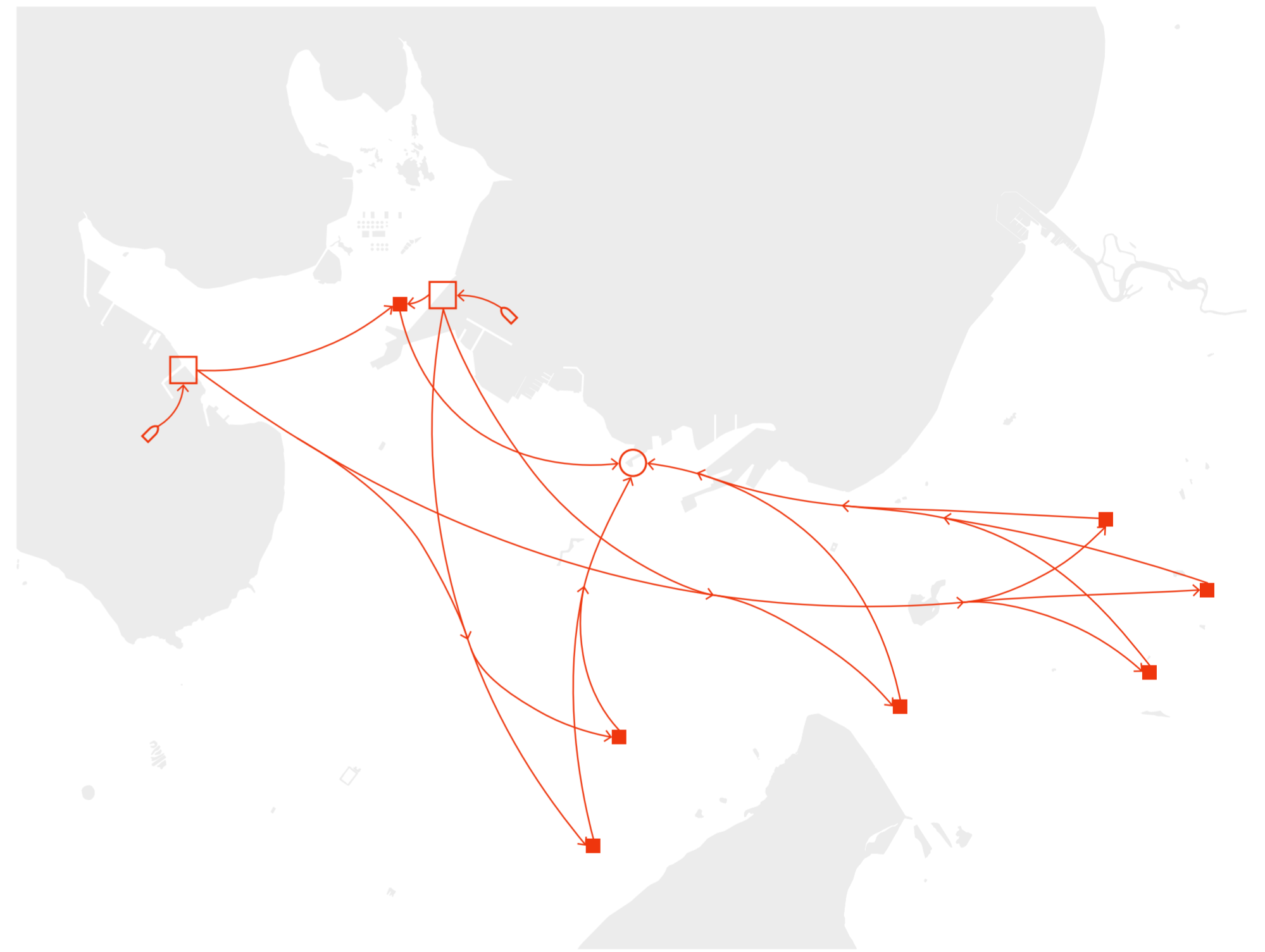
Kalaturg in the 1960s / archival photo



Current pocess of fishing fishing port processing facility market

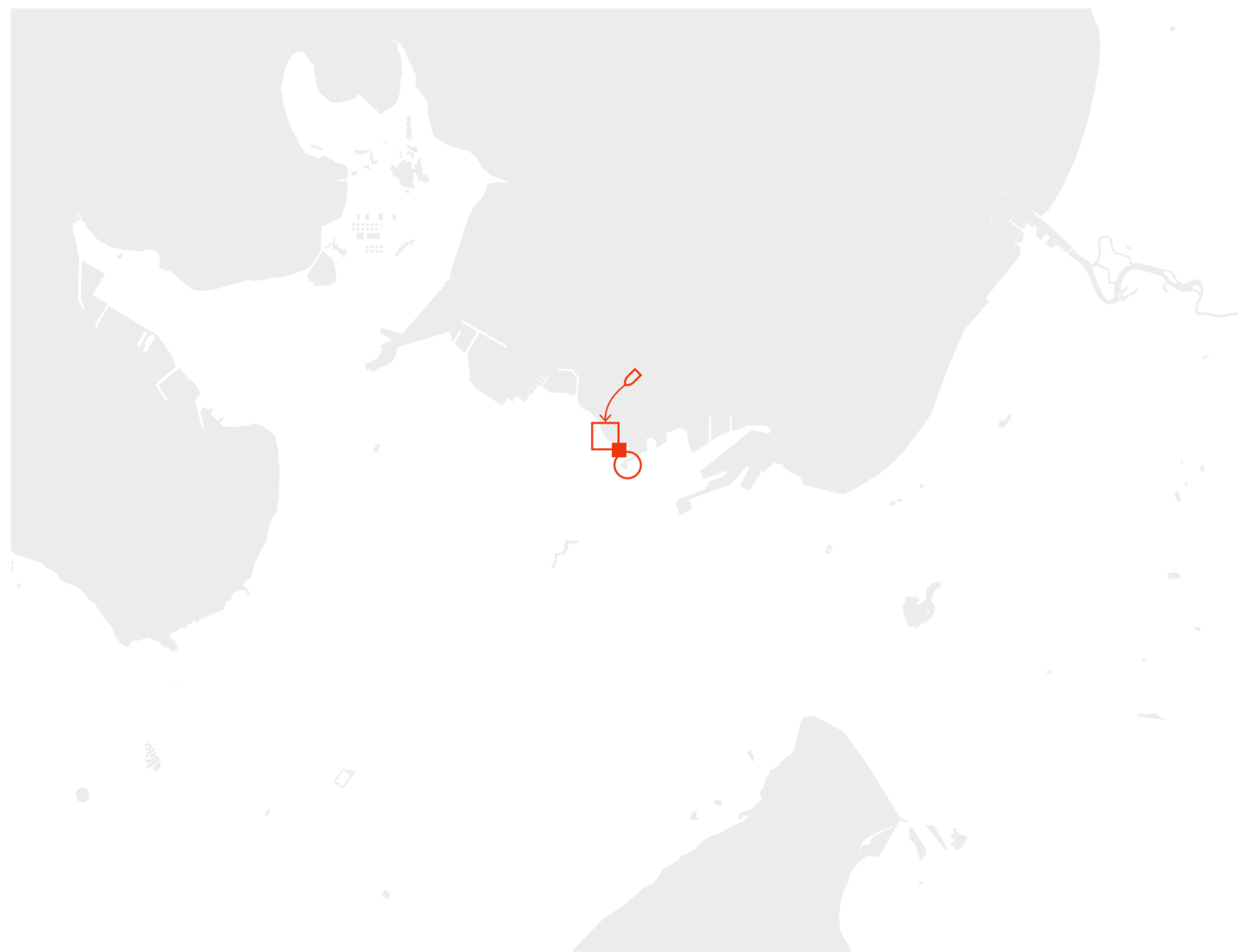


Proposed pocess of fishing in Tallinn



Current pocess of fishing

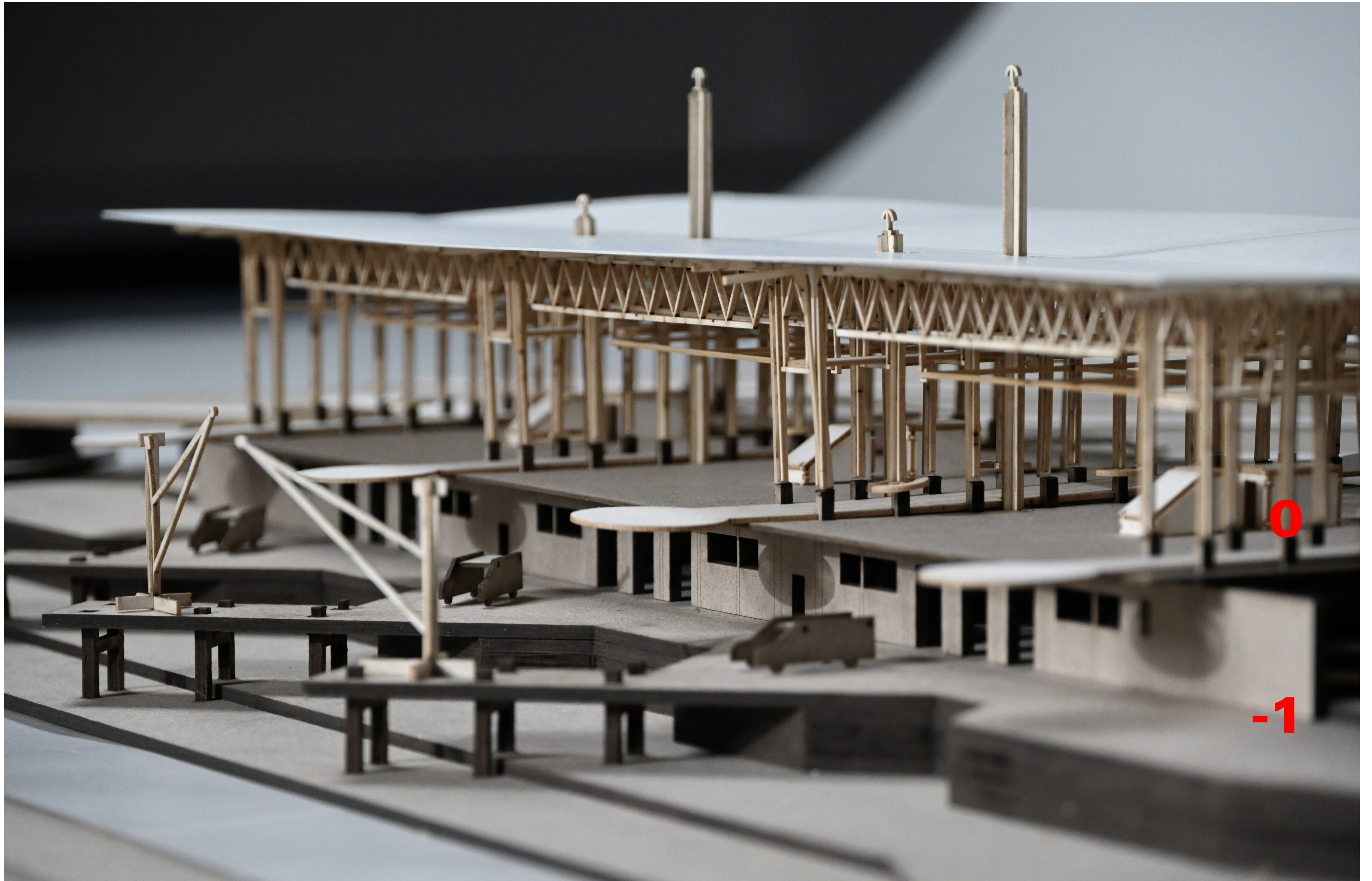
fishing port
 processing facility
 market



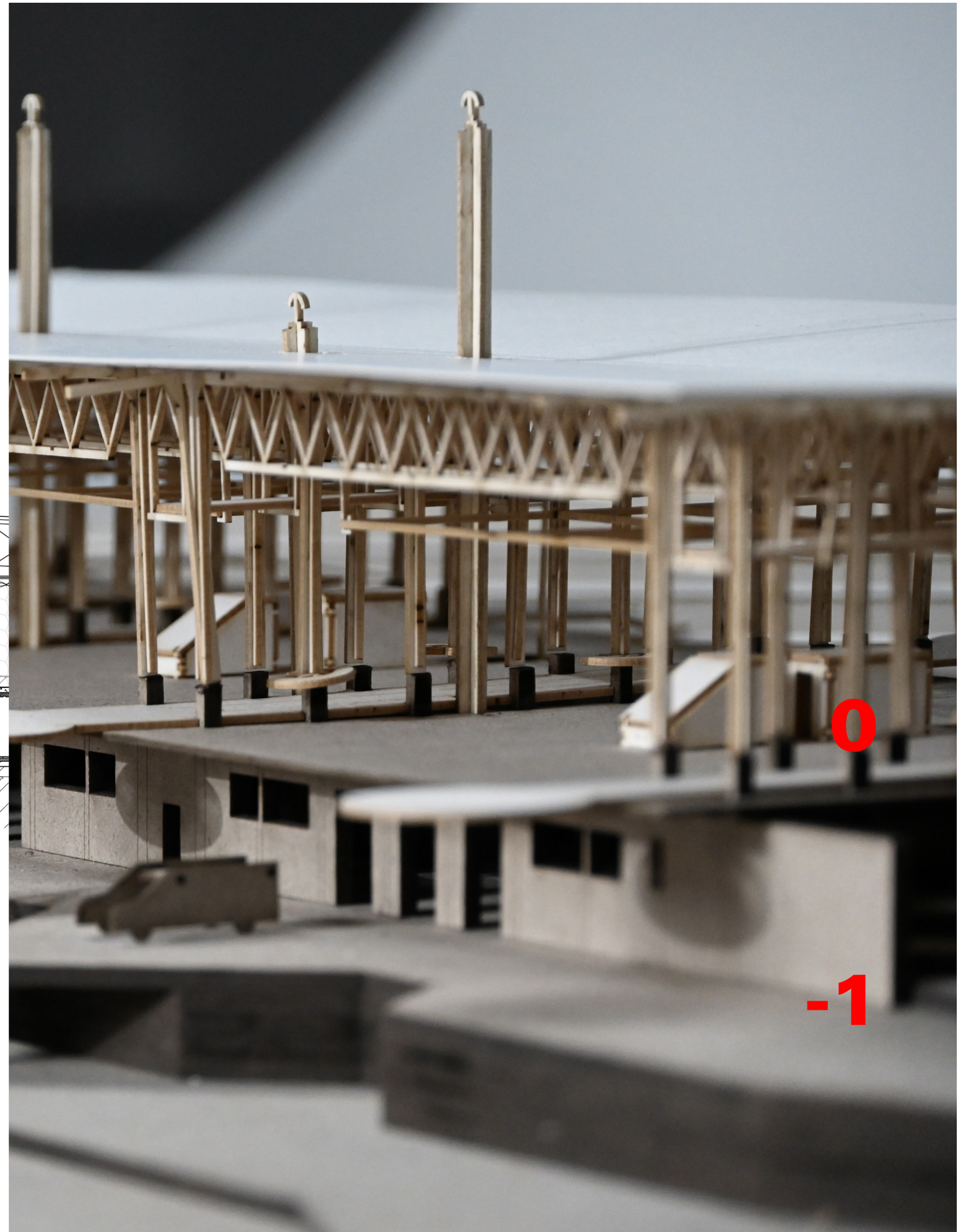
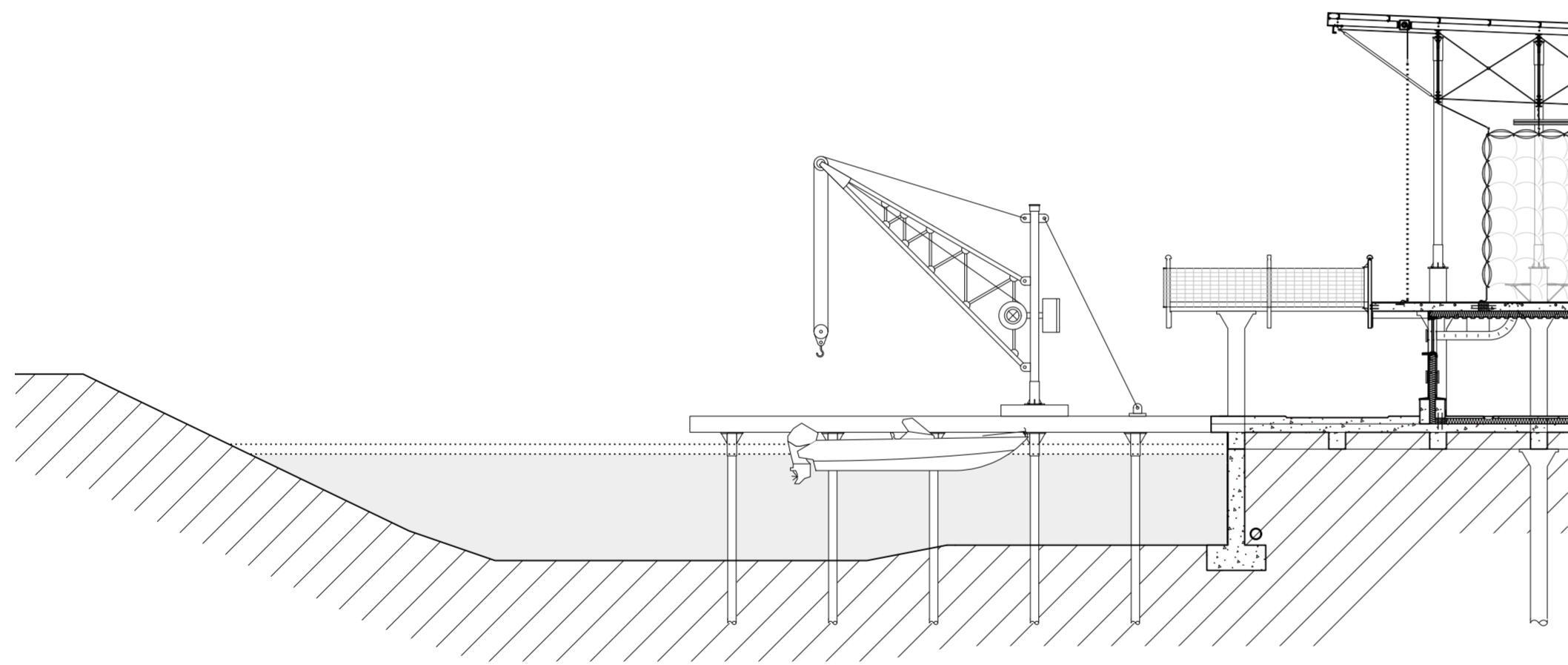
mooring ▶ unloading ▶
weighing ▶ grading ▶
gutting ▶ cleaning ▶
(filleting ▶) (drying ▶)
(smoking ▶) storing ▶
(cooking ▶) selling ▶
(eating ▶) disposing



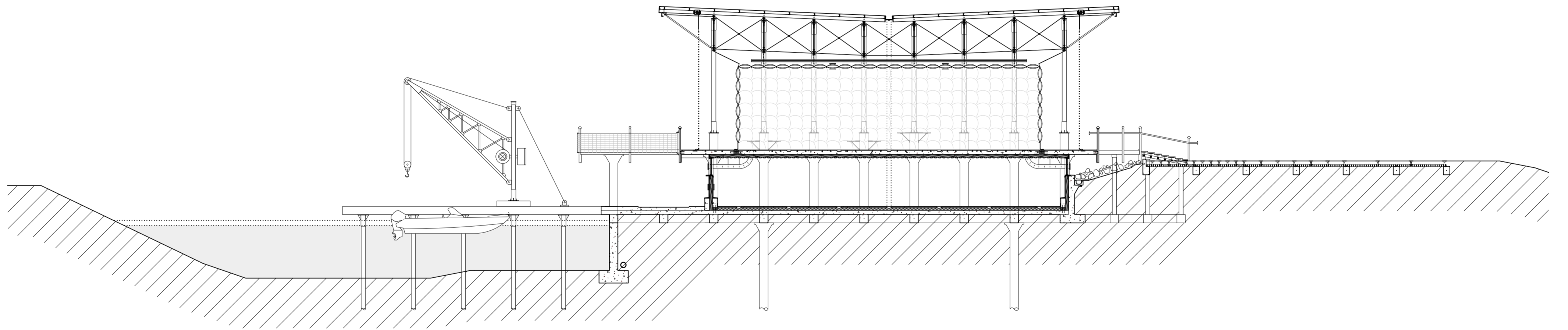
mooring ▶ unloading ▶
weighing ▶ grading ▶
gutting ▶ cleaning ▶
(filleting ▶) (drying ▶)
(smoking ▶) storing ▶
(cooking ▶) selling ▶
(eating ▶) disposing



Split-level organisation

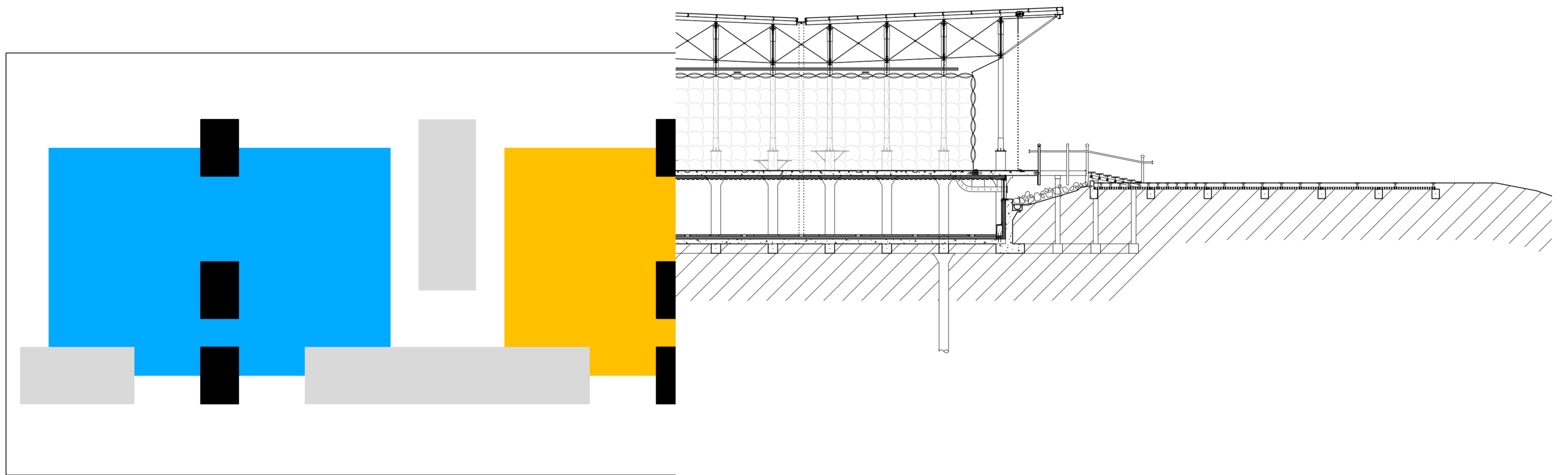
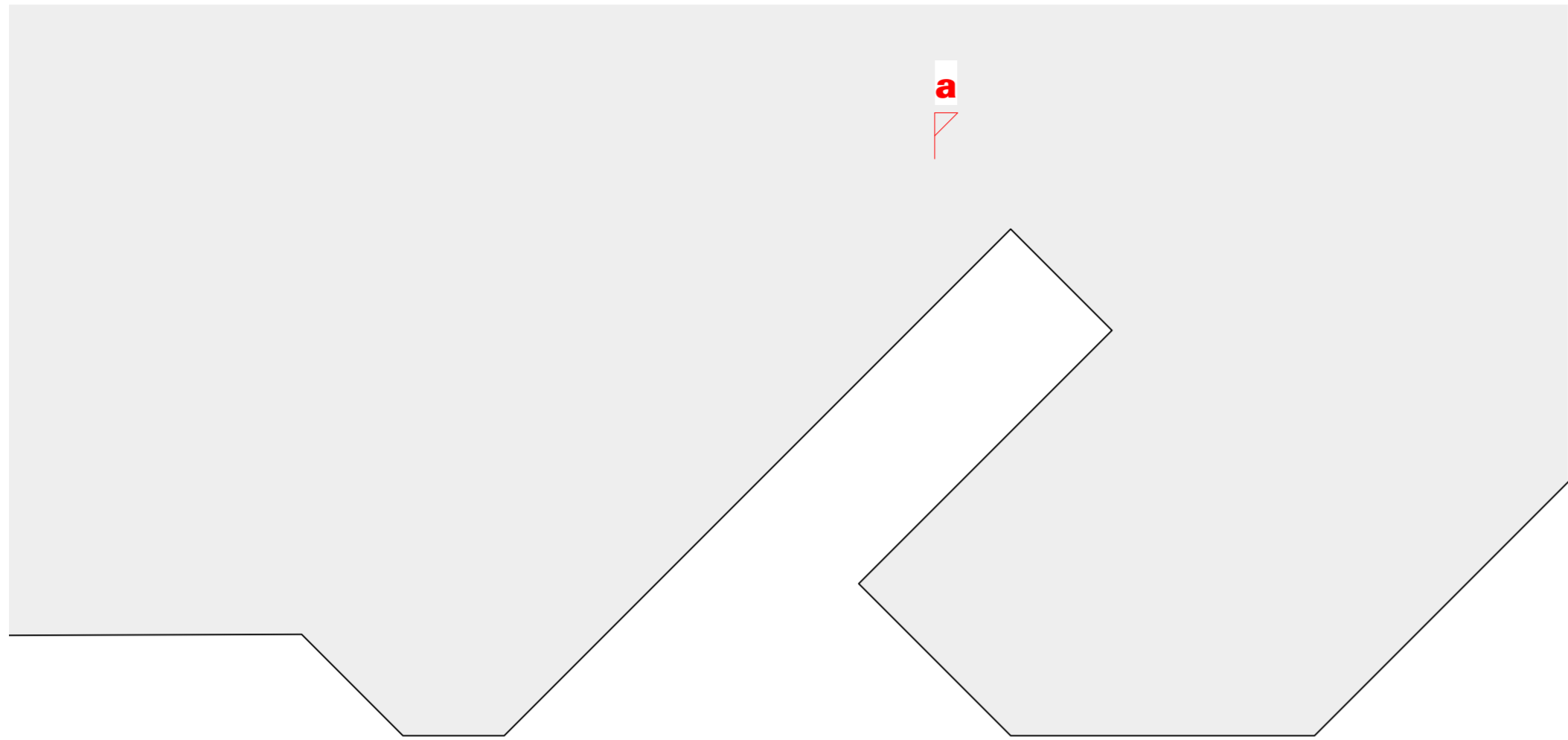


Section aa 1:200



Section aa 1:200

0  10m



Plan basement 1:200

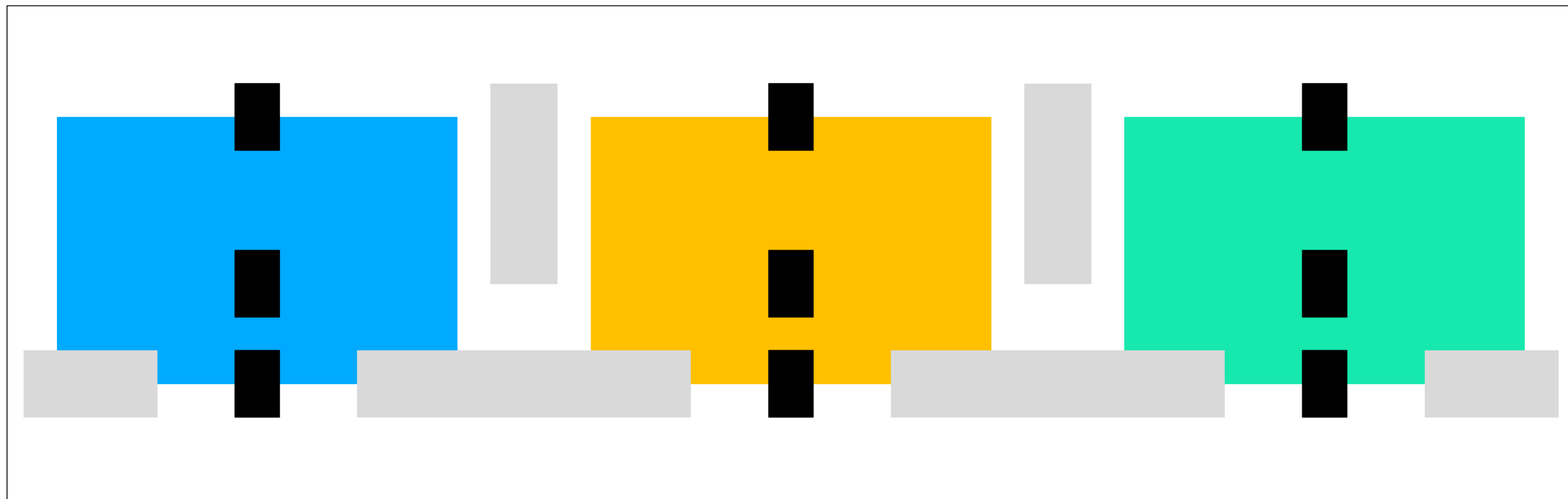
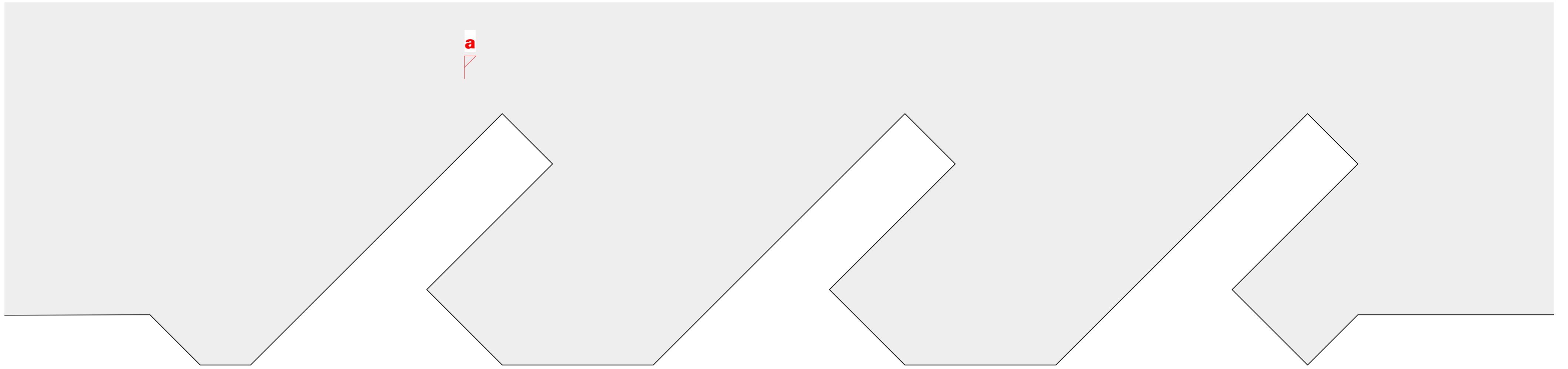


raw fish

smoked fish

cooked fish

0 10m



Plan basement 1:200



raw fish

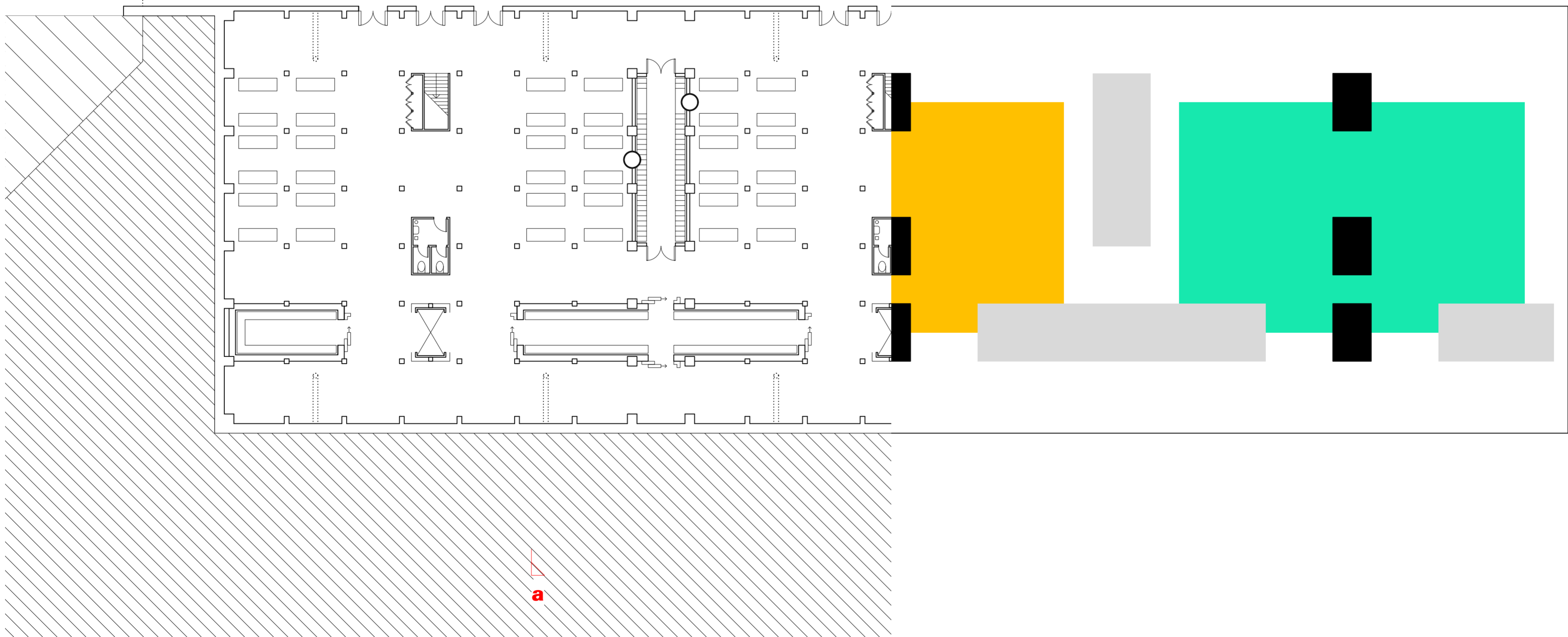
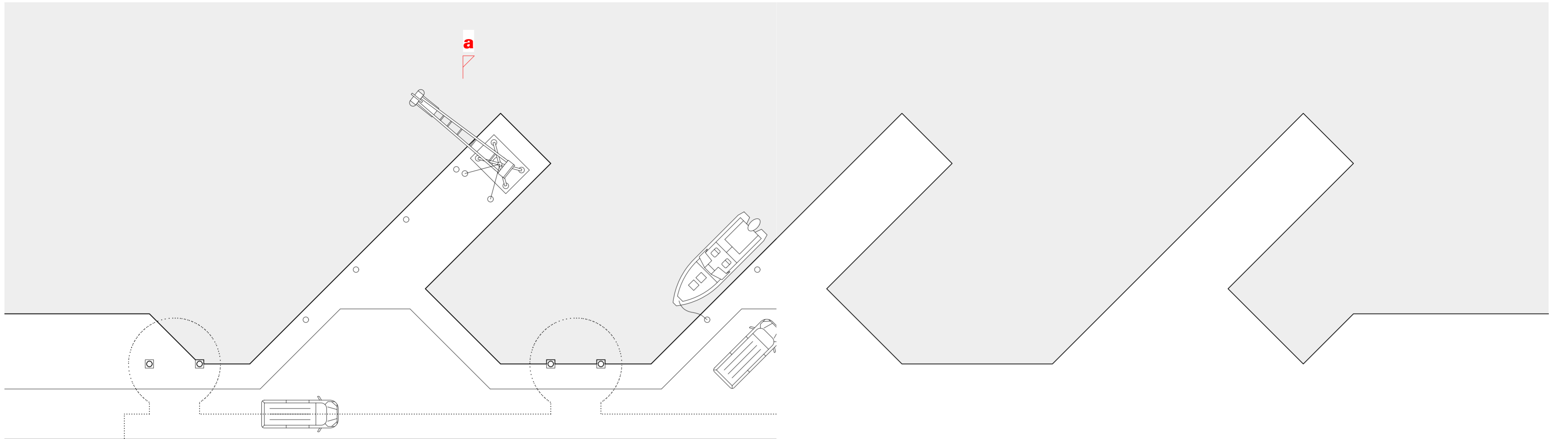
smoked fish

cooked fish

circulation

processing

0 10m

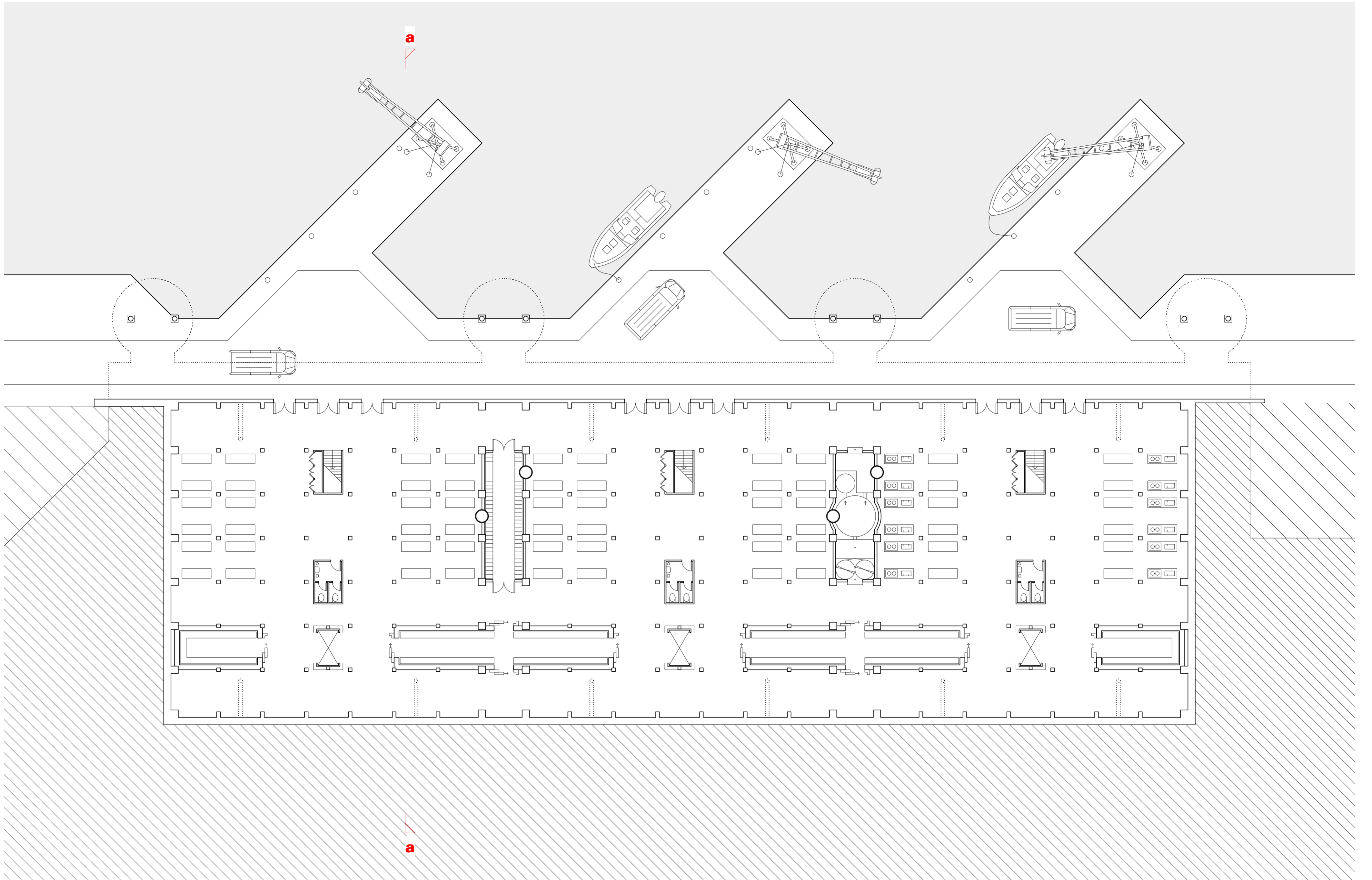


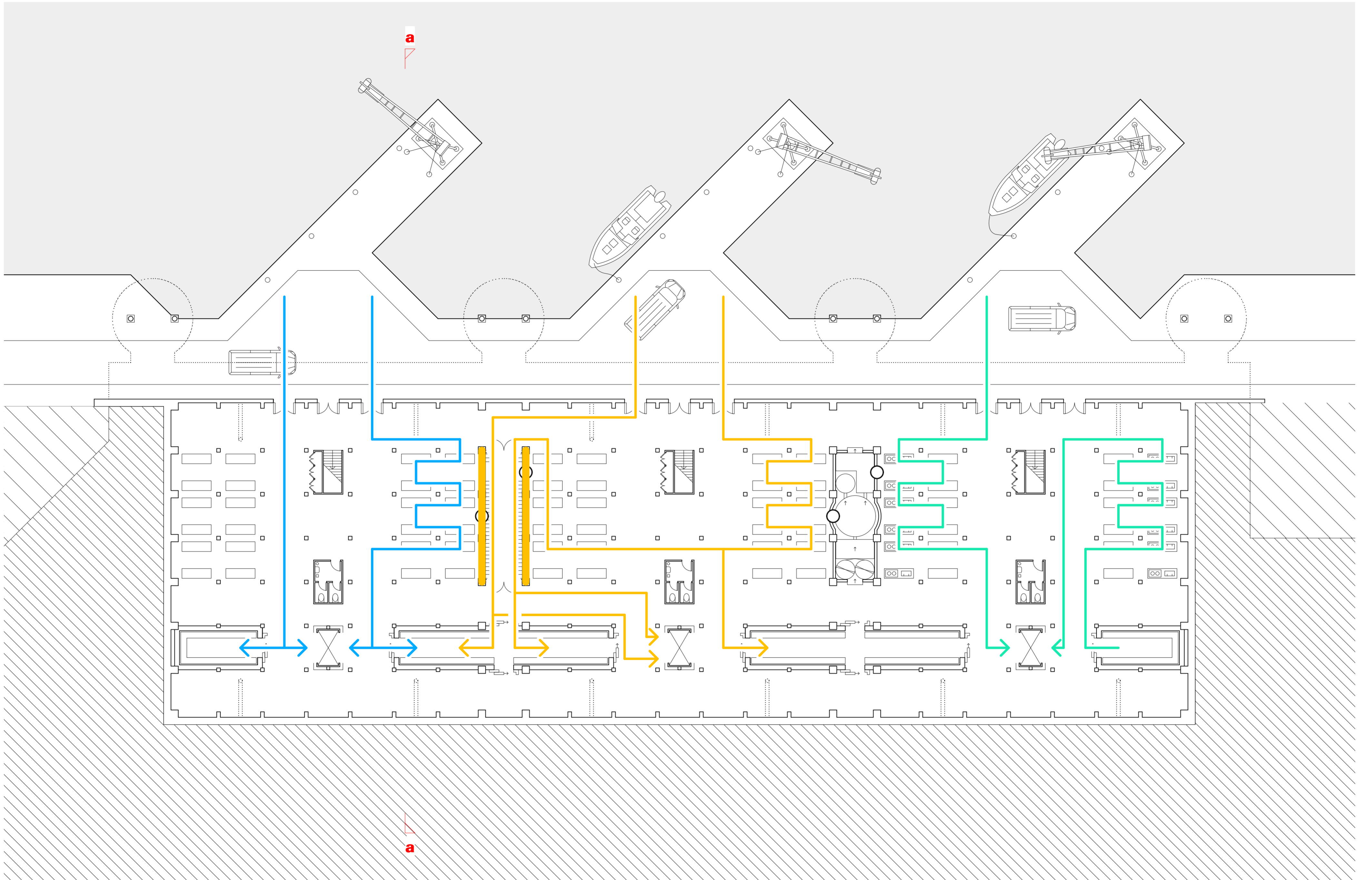
Plan basement 1:200

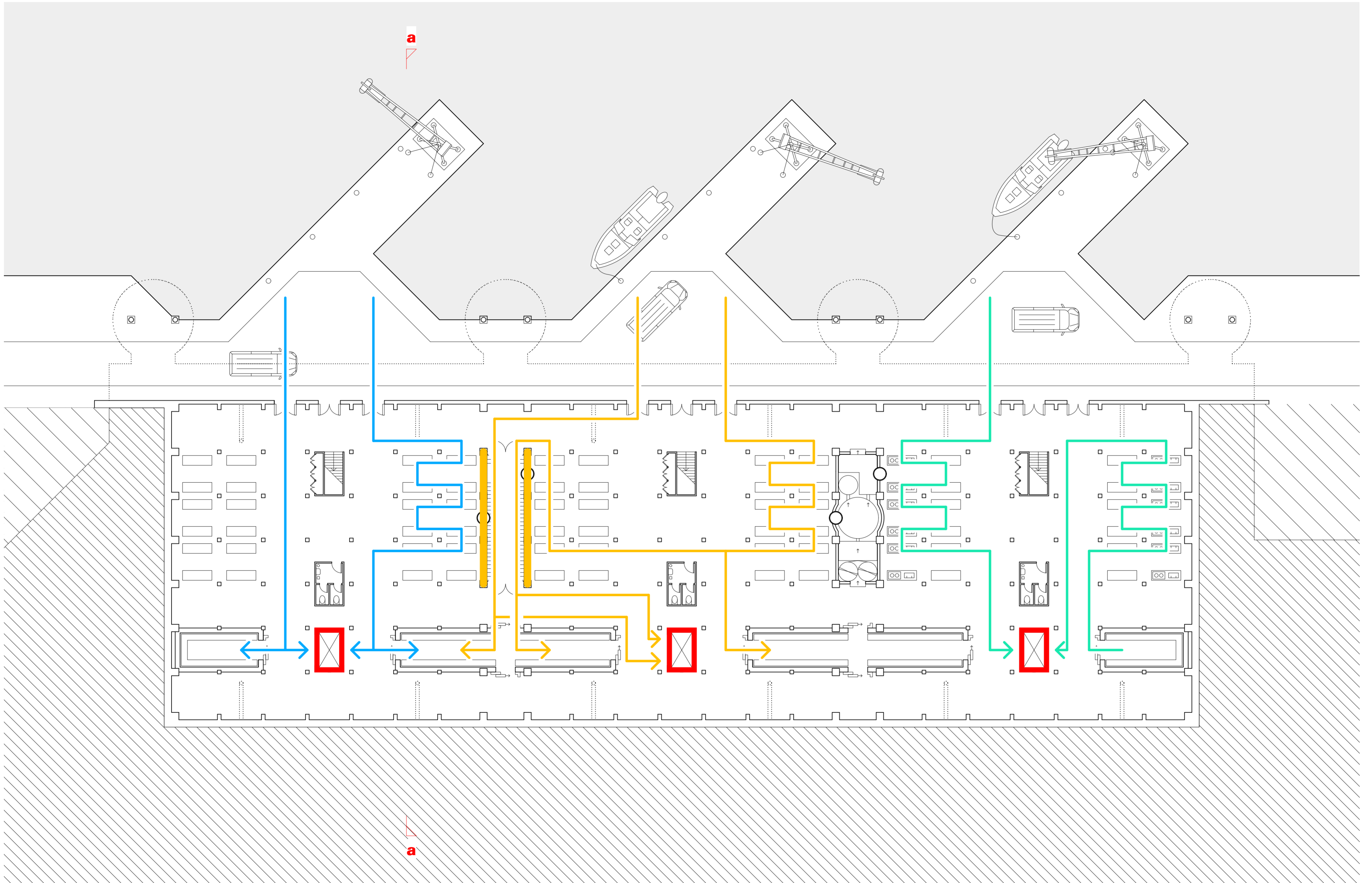


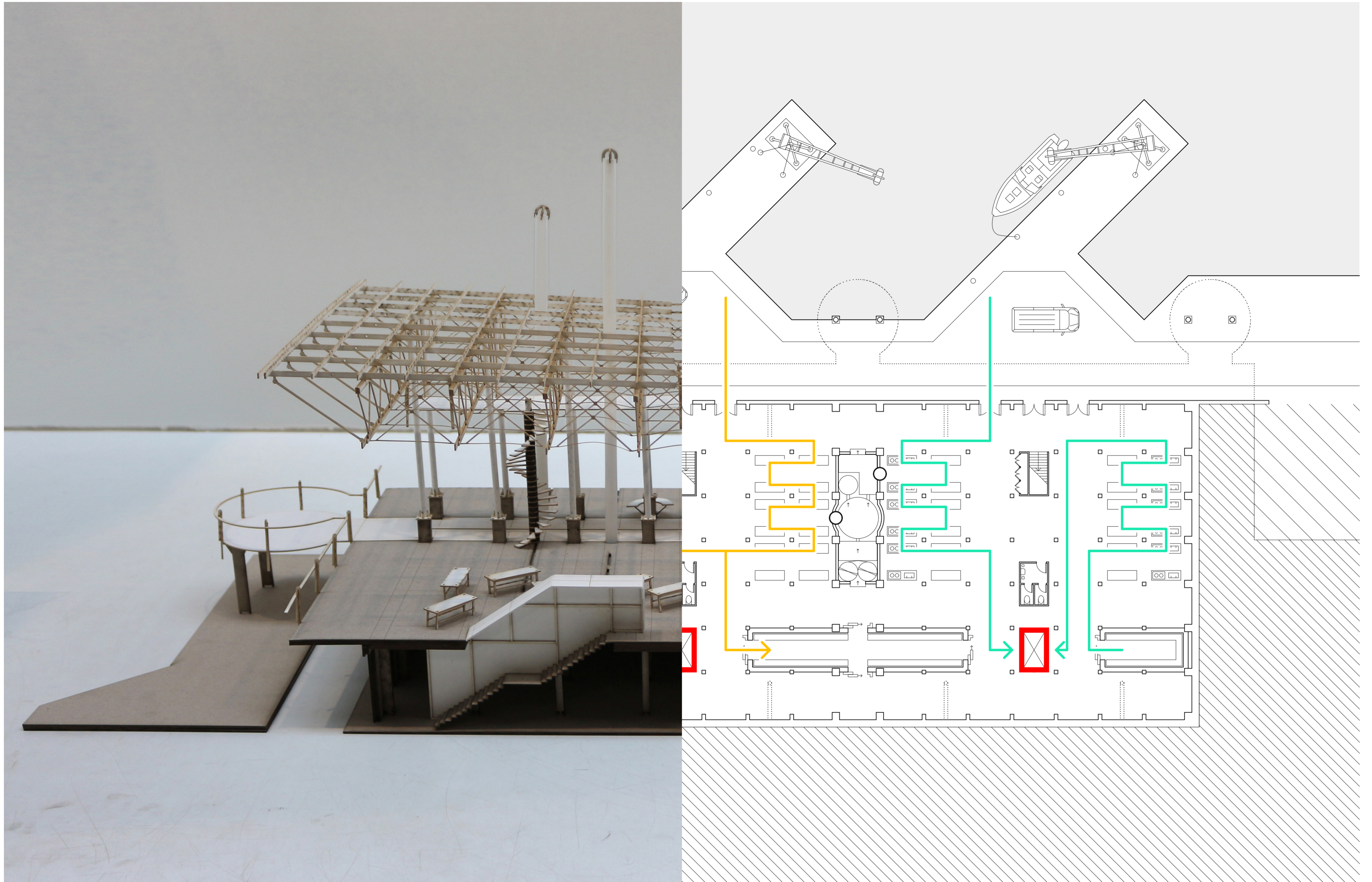
■ circulation ■ processing

0 ——— 10m



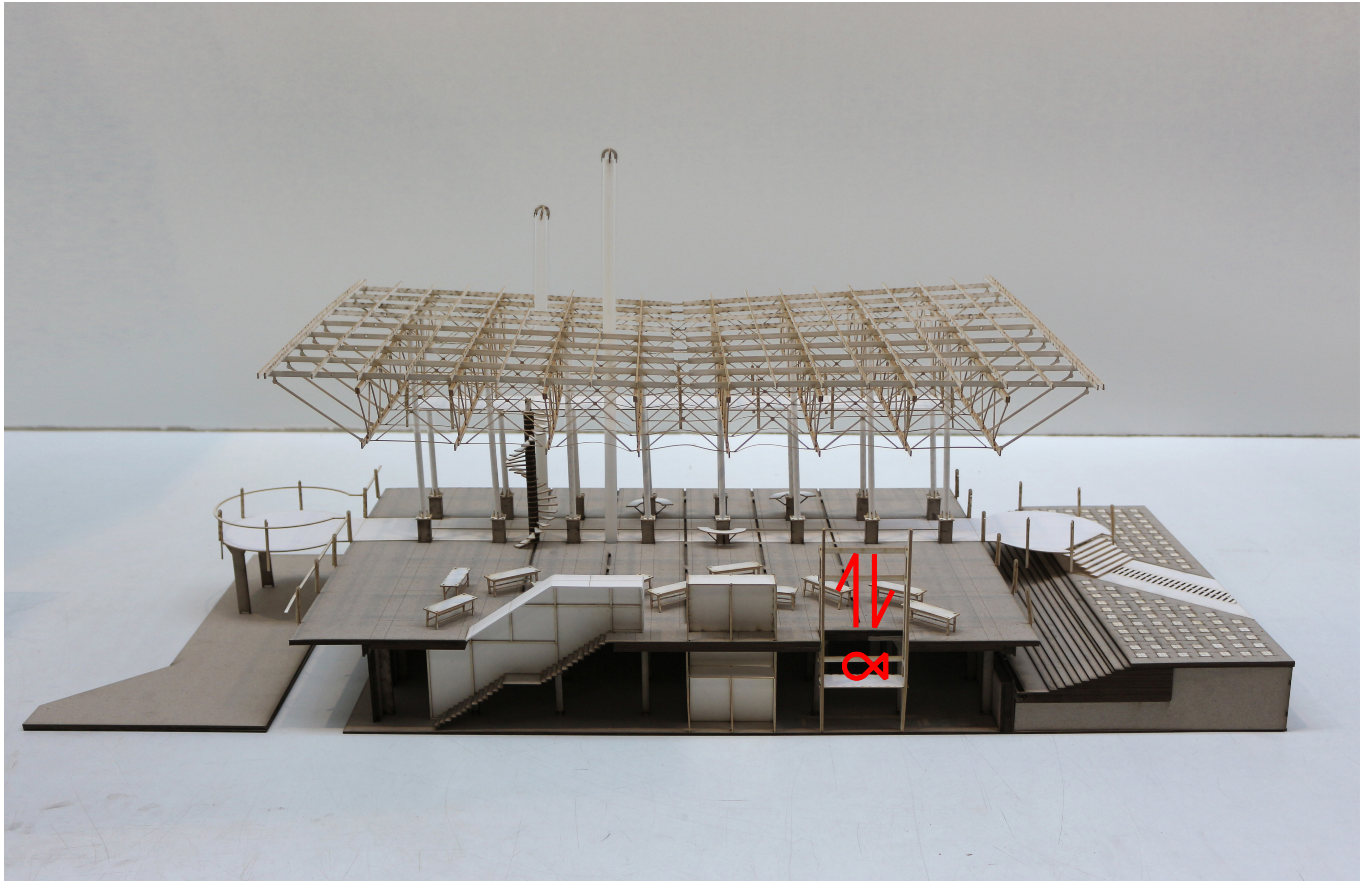




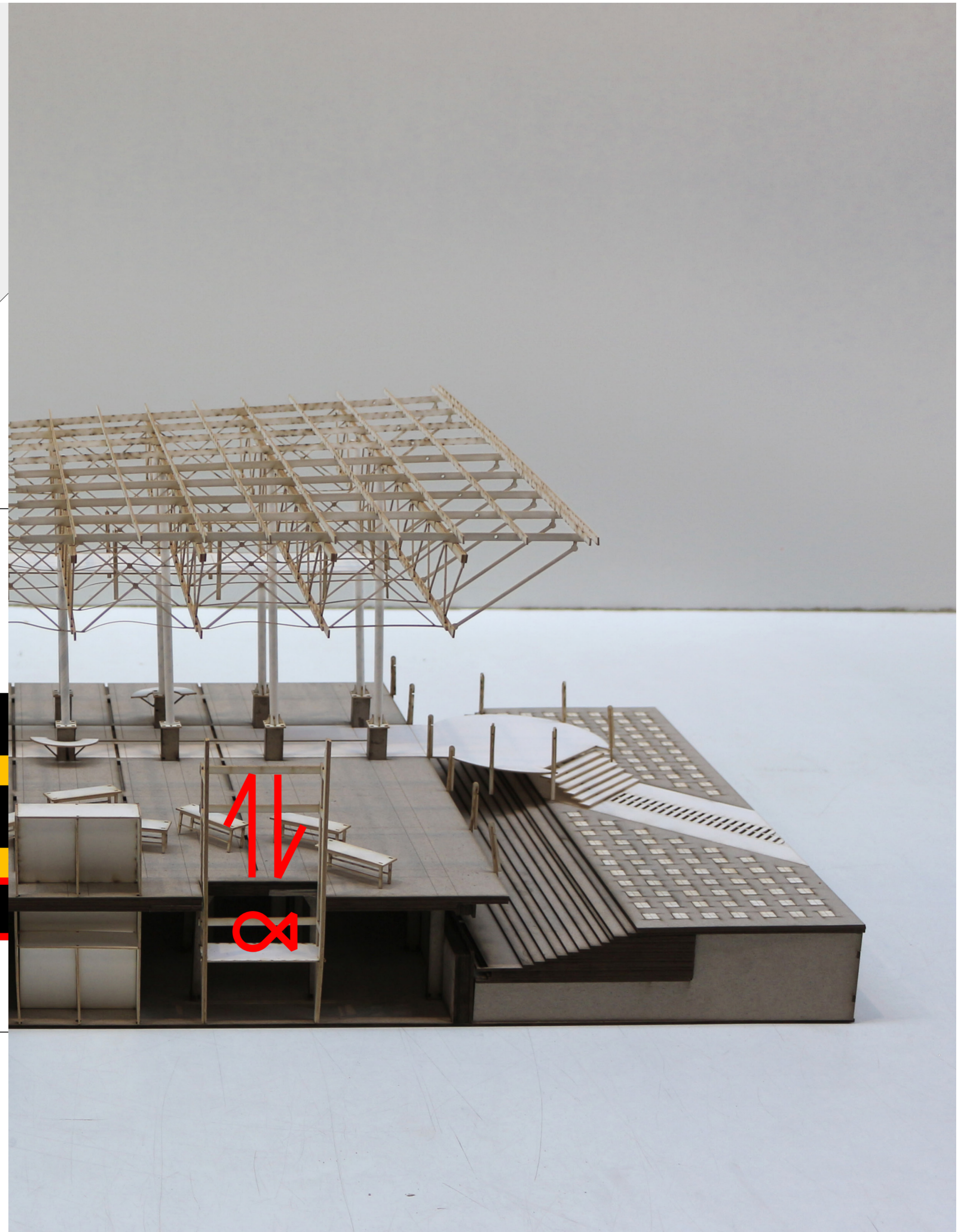
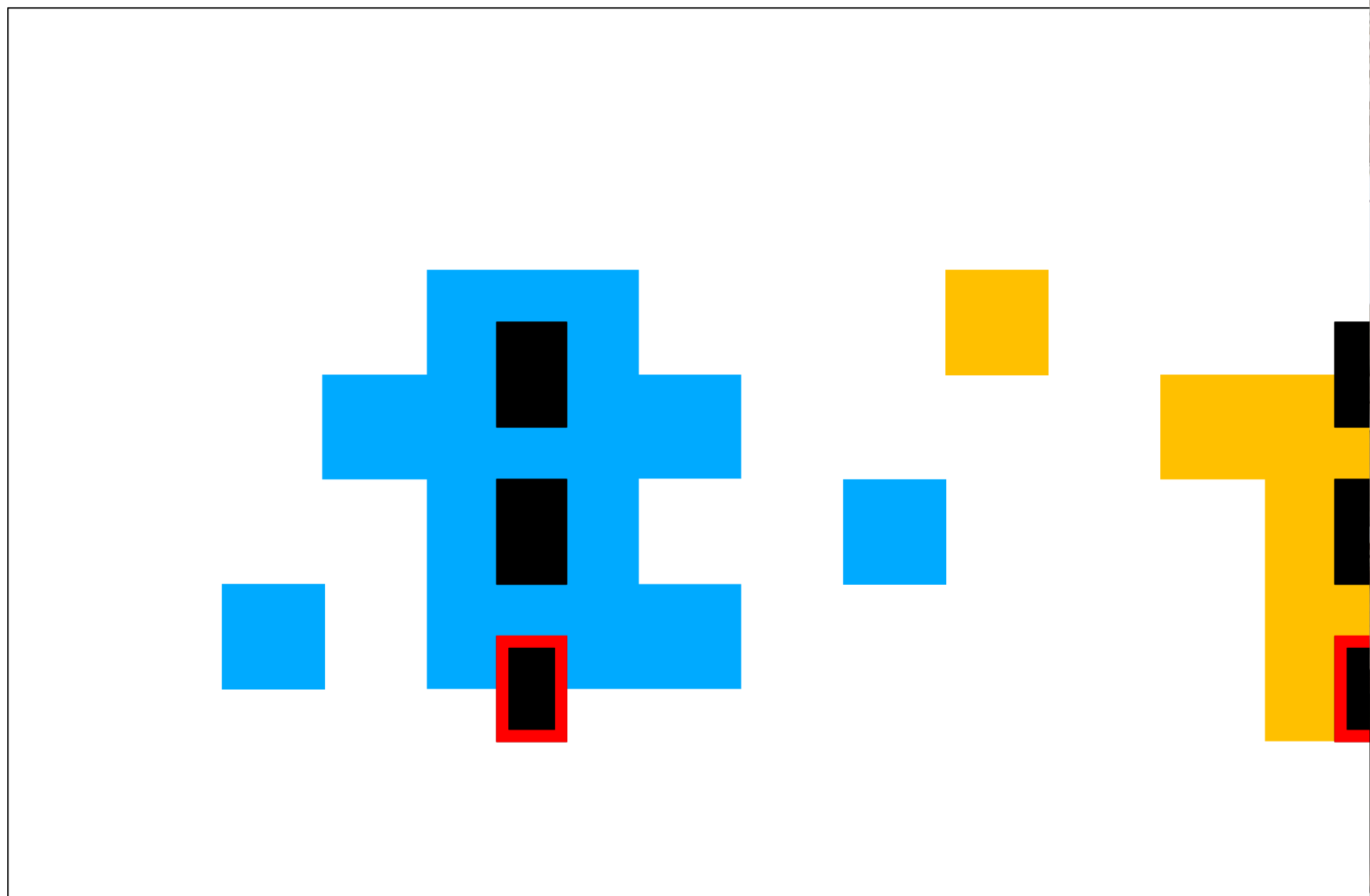
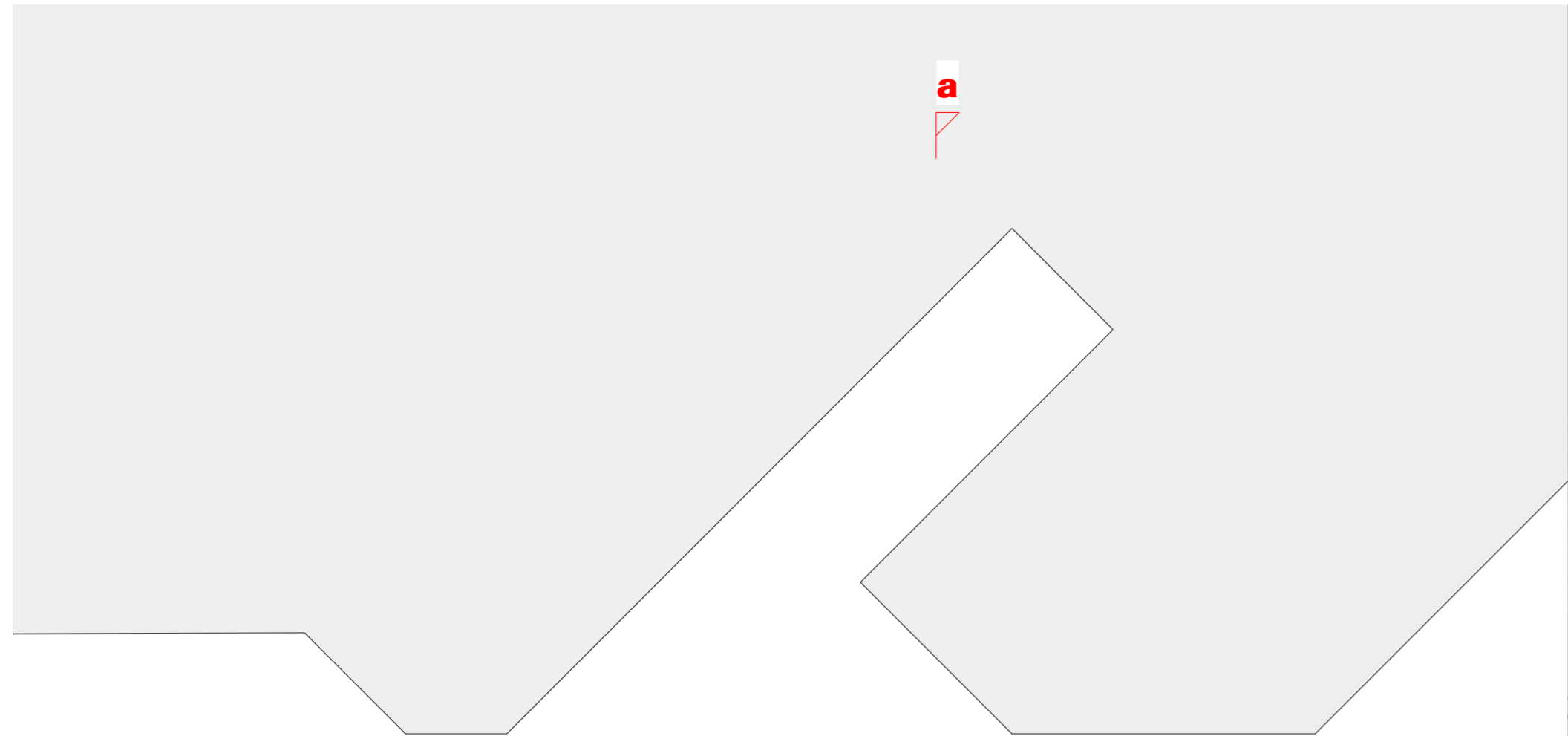


Sectional model, showing the goods lift

0 ————— 10m



Sectional model, showing the goods lift



Plan ground 1:200



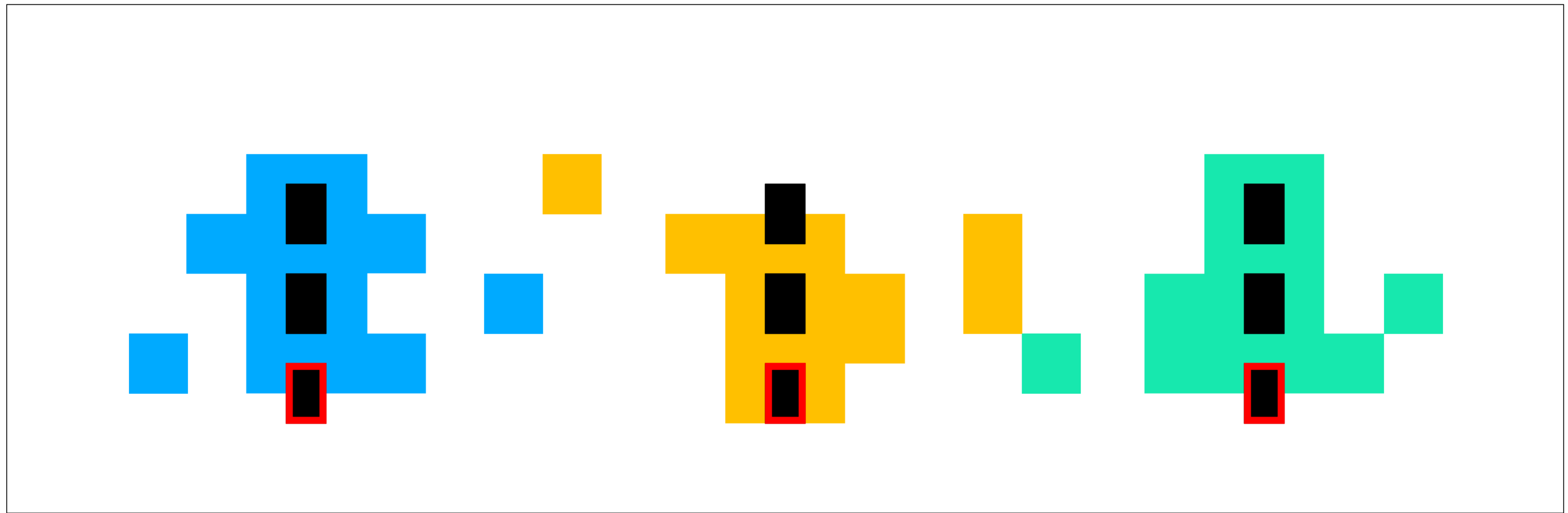
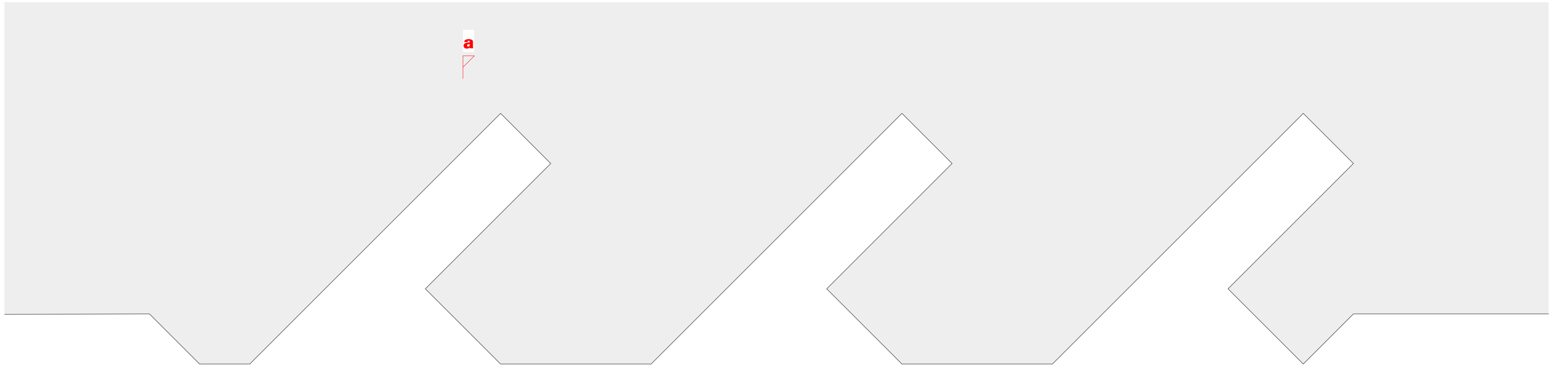
raw fish

smoked fish

cooked fish

circulation

0 10m



Plan ground 1:200



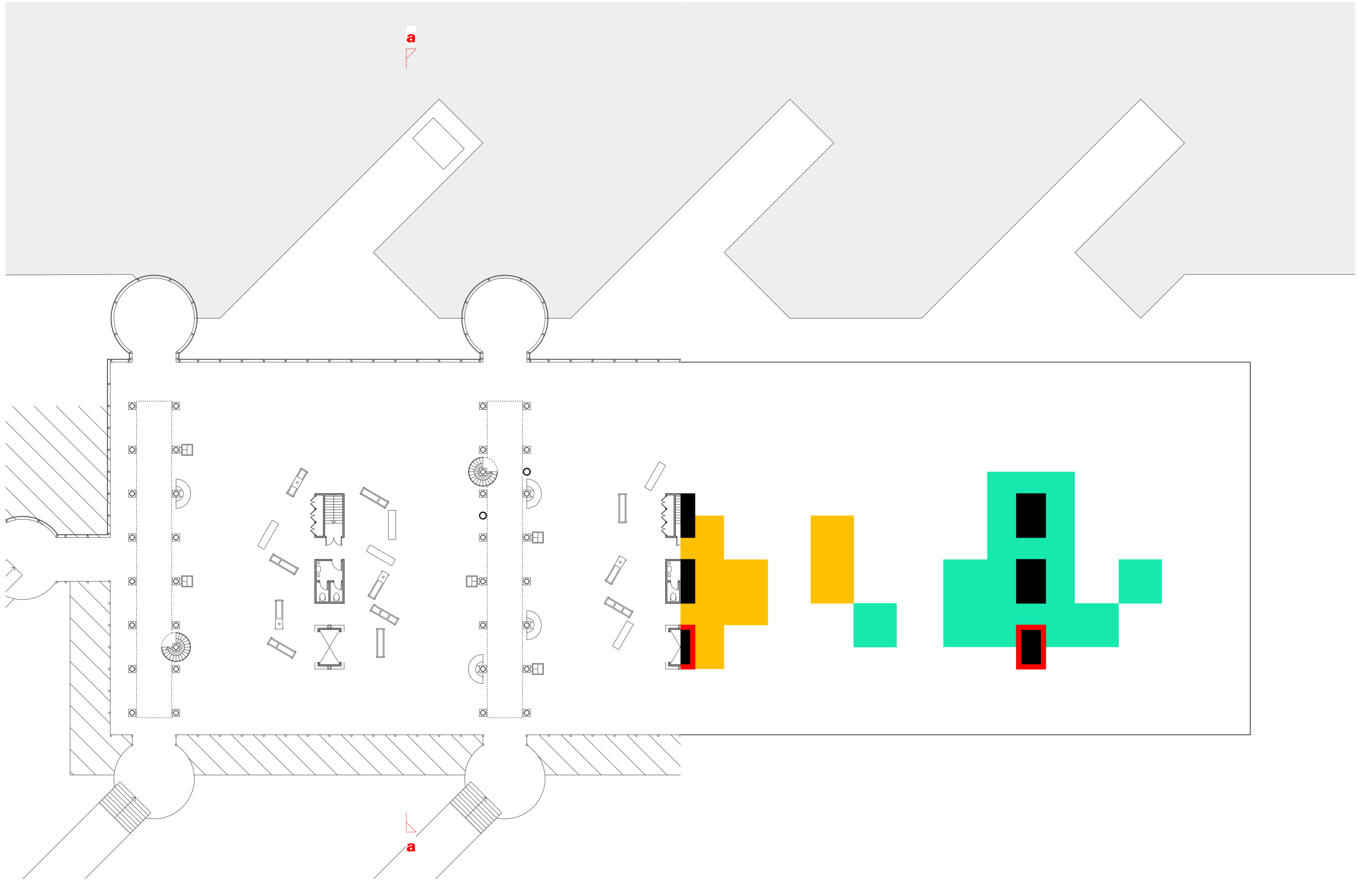
raw fish

smoked fish

cooked fish

circulation

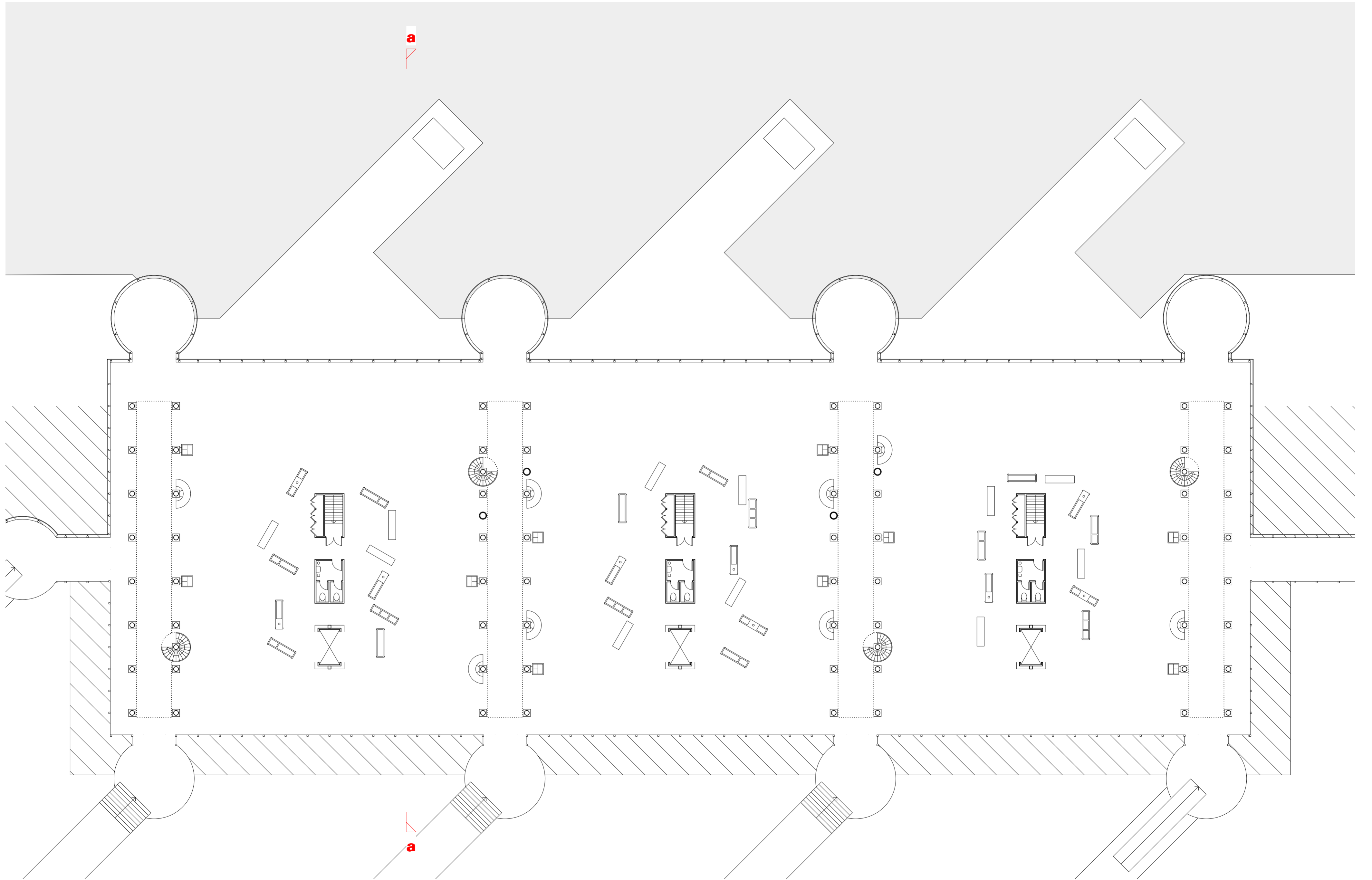
0 10m

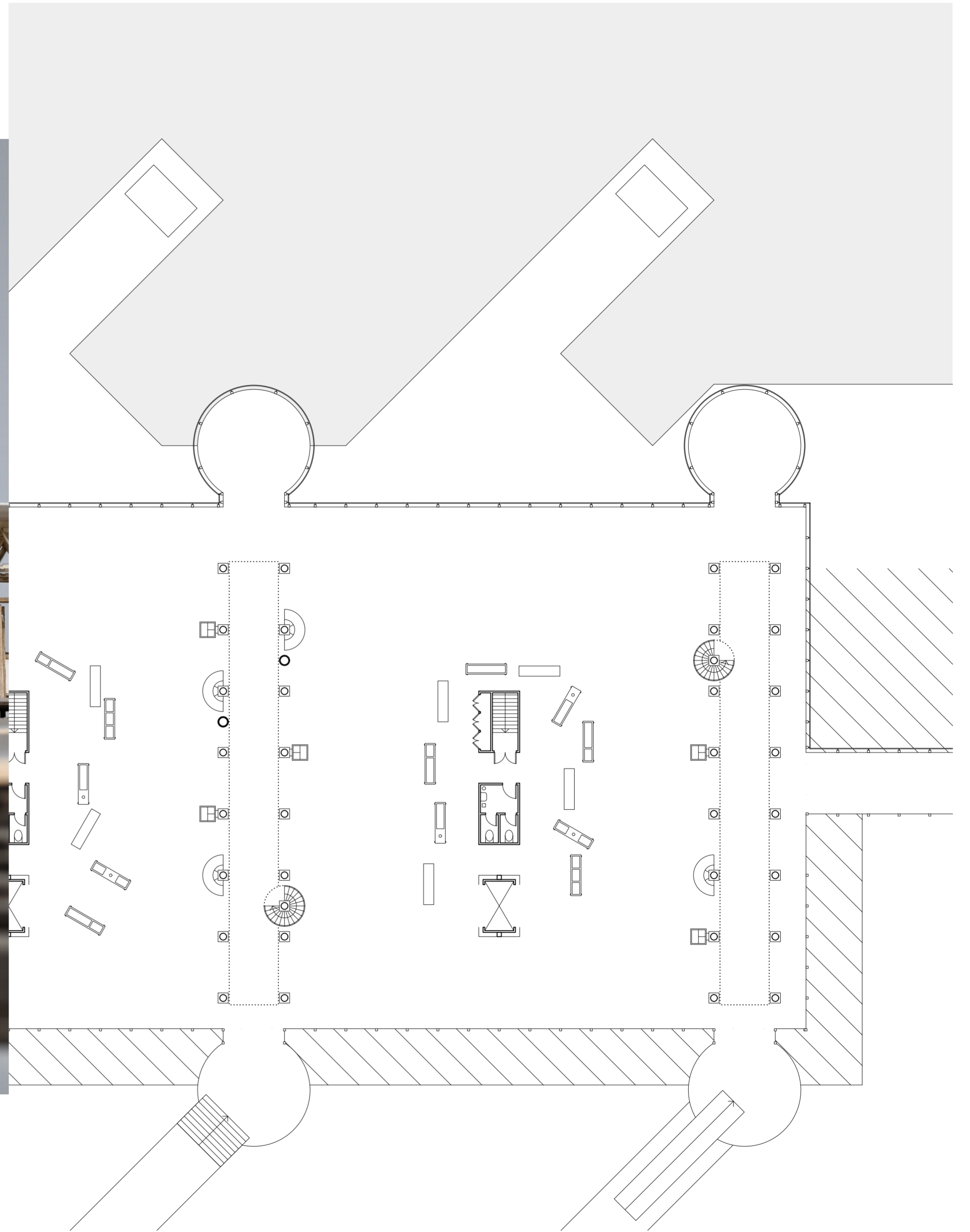
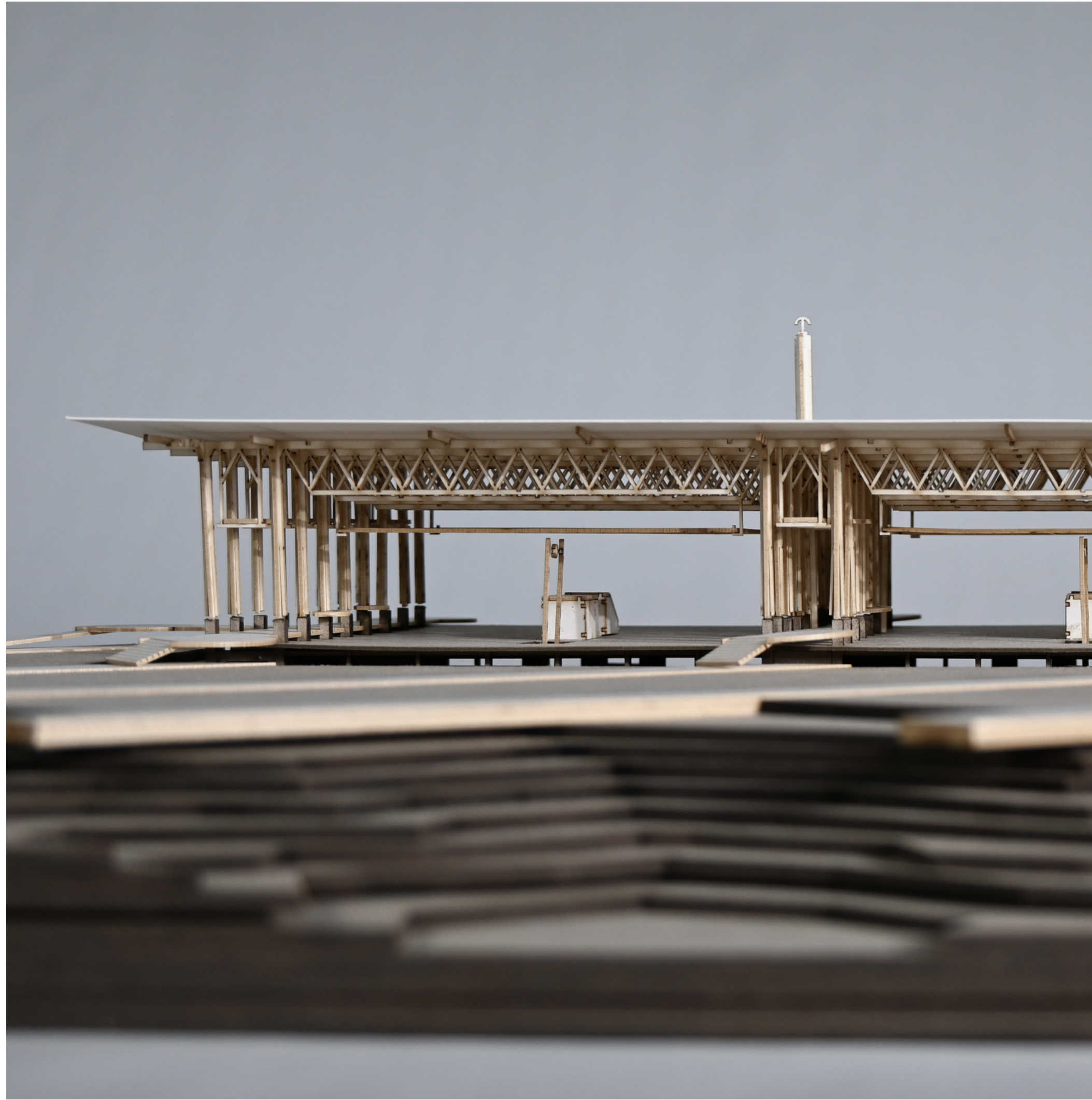


Plan ground 1:200



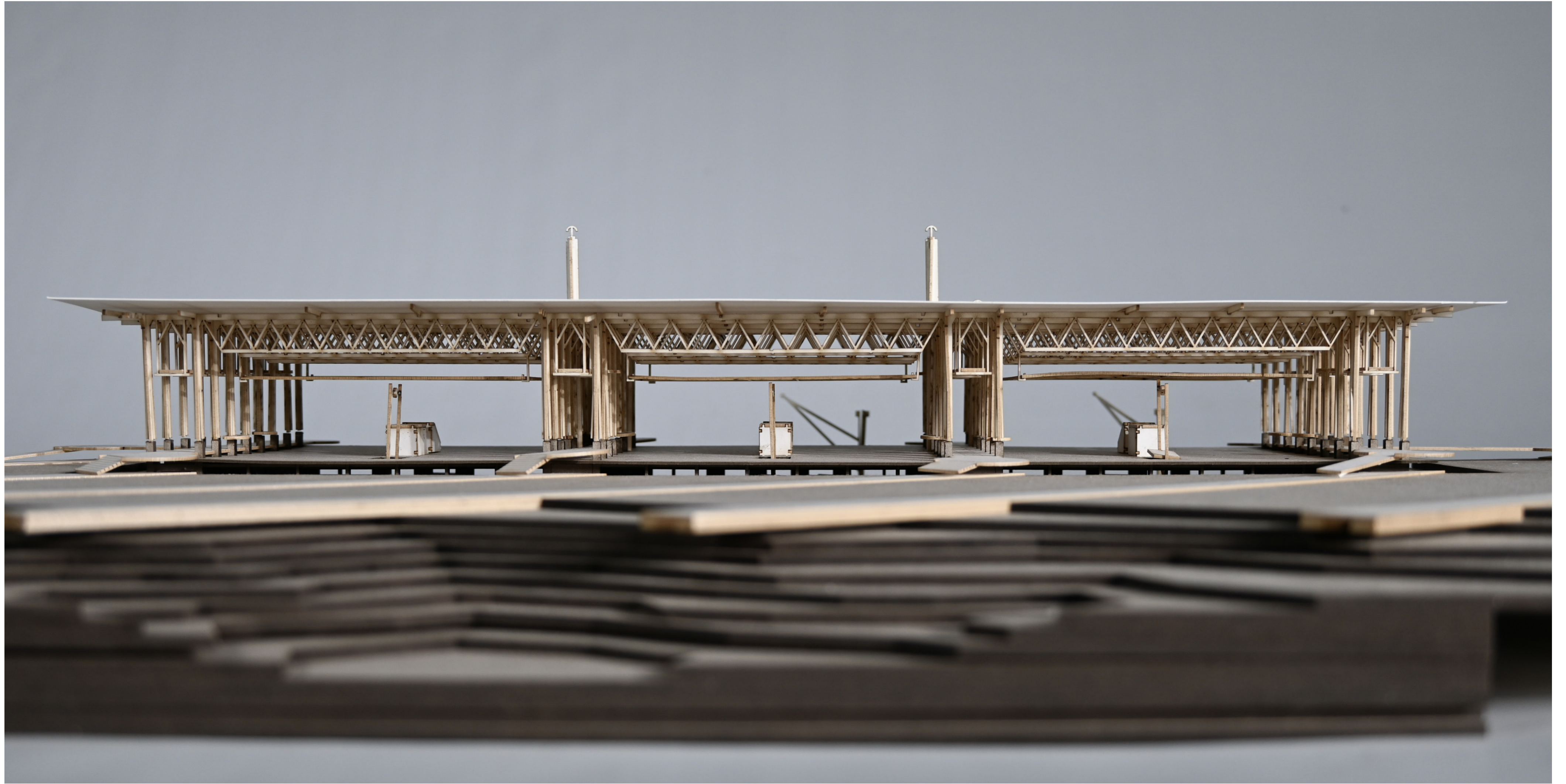
0 10m



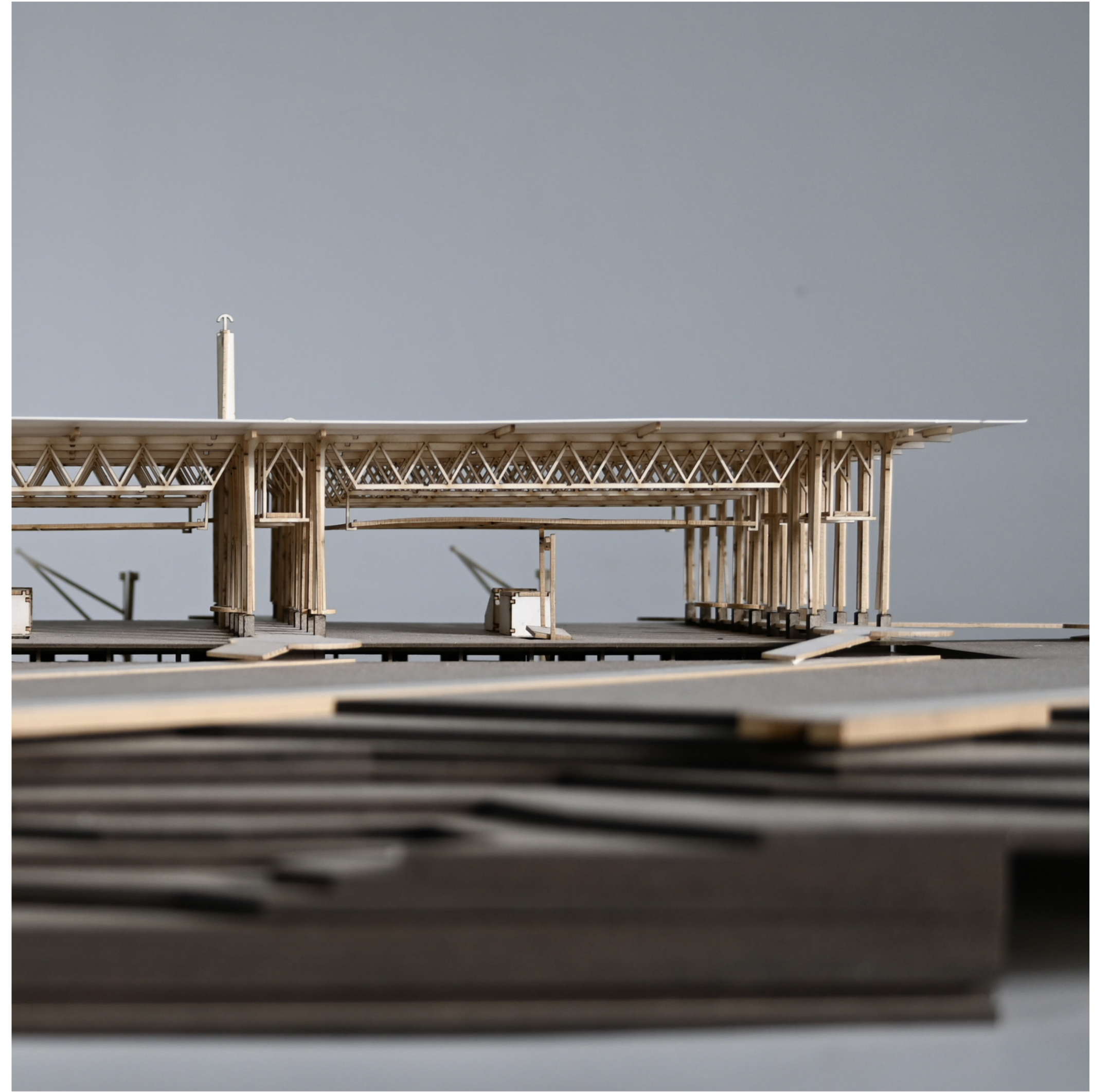


Elevation South

0  **10m**



Elevation South



Naxos Portara (Temple of Apollo) / constructed in the 6th century BC



Naxos Portara (Temple of Apollo) / constructed in the 6th century BC



Perspective through corridor of columns

‘I have seen vendors weighing fish there in winter with their fingers stiff from the cold, I’ve often thought they need humane conditions.’

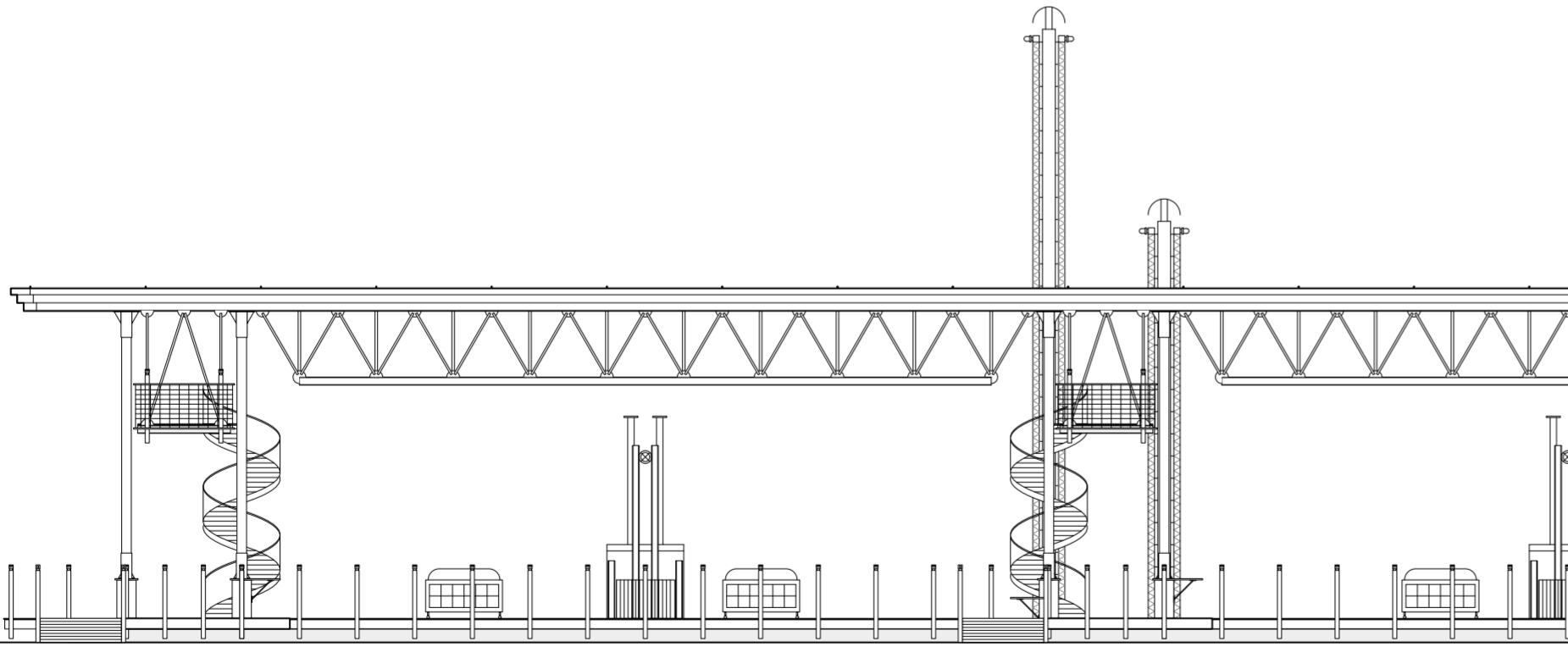
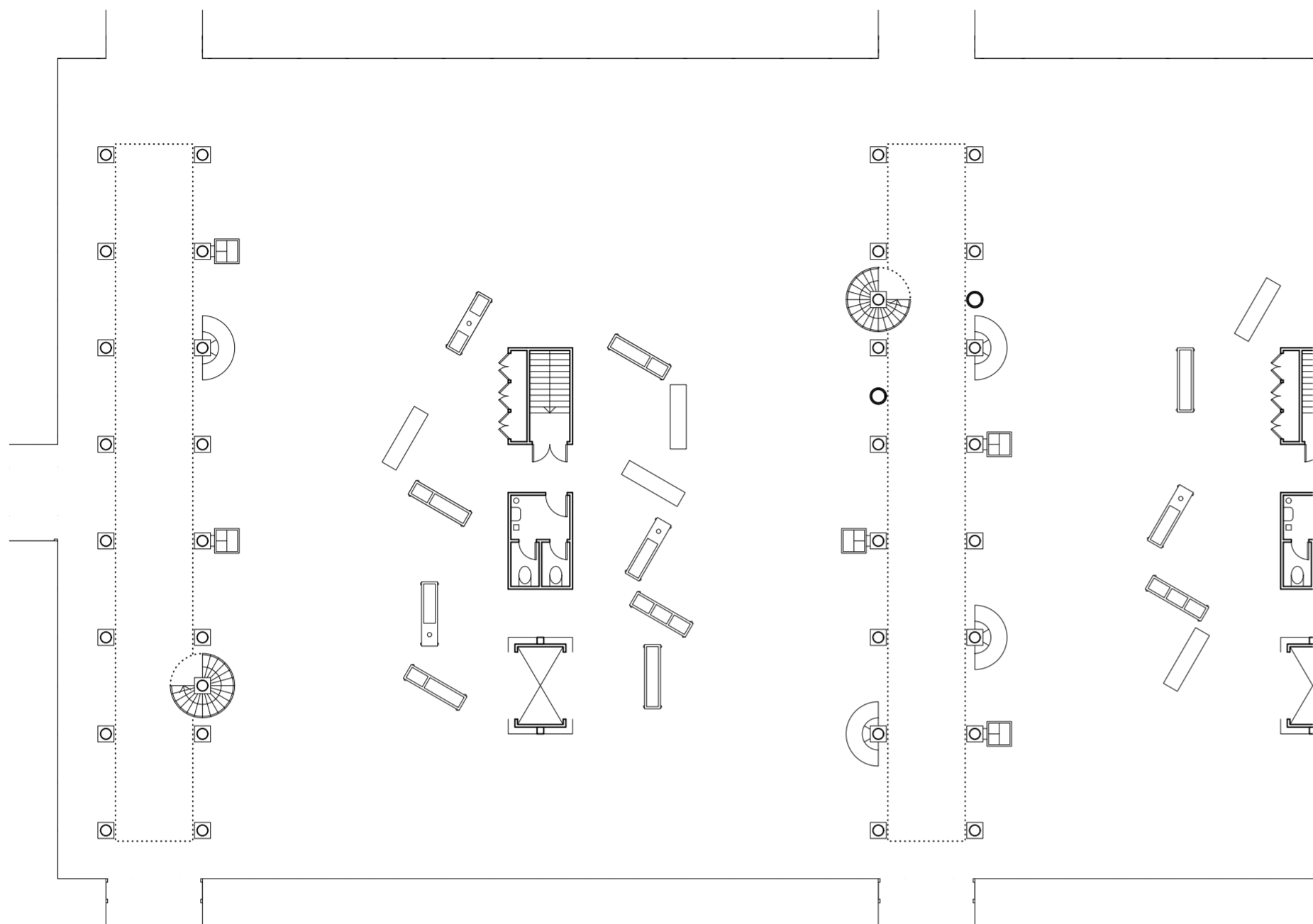


Margot Roose (Deputy Mayor of Tallinn) about Kalaturg in 2025

Perspective through corridor of columns

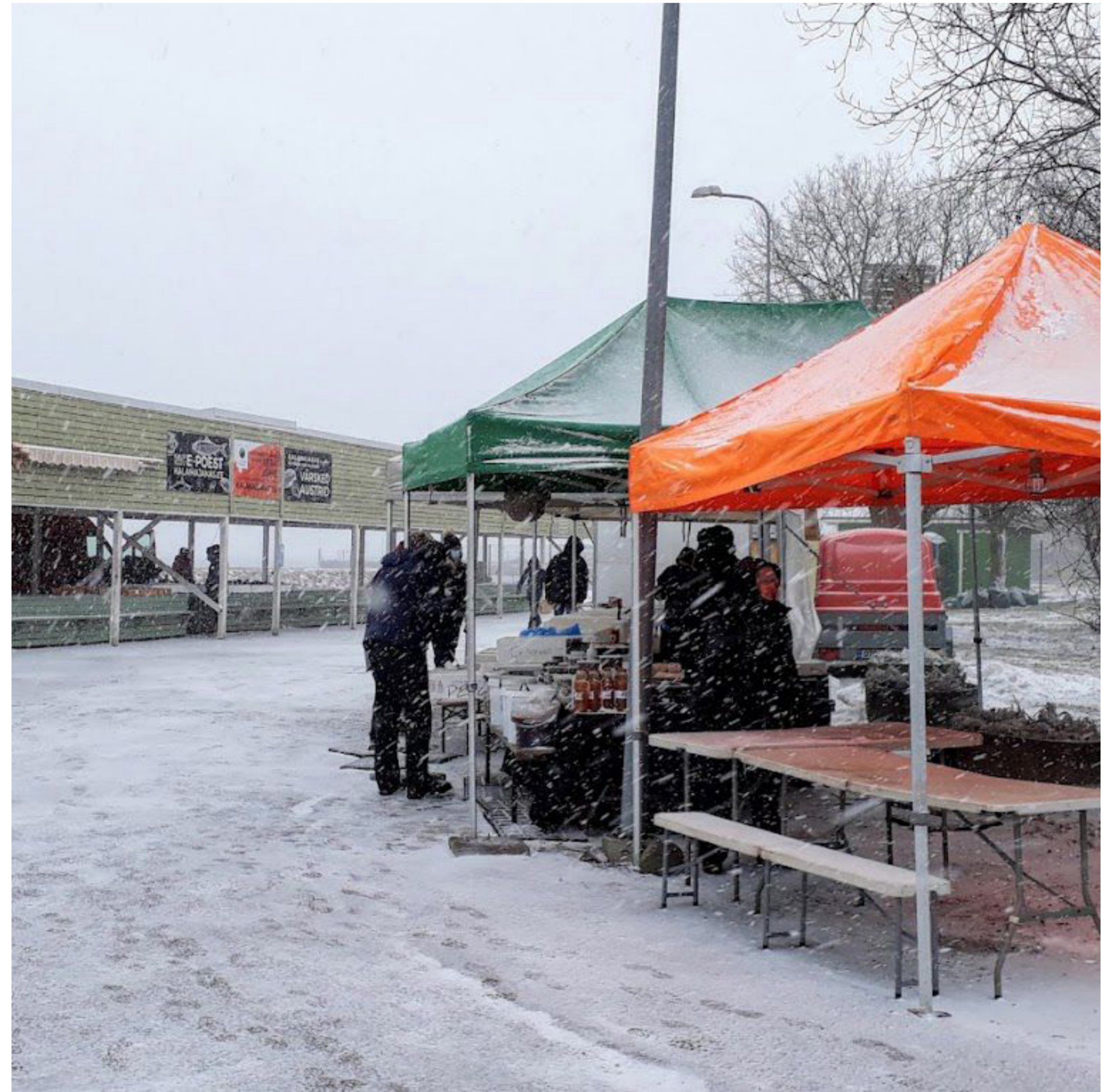
‘I have seen vendors weighing fish there in winter with their fingers stiff from the cold, I’ve often thought they need humane conditions.’



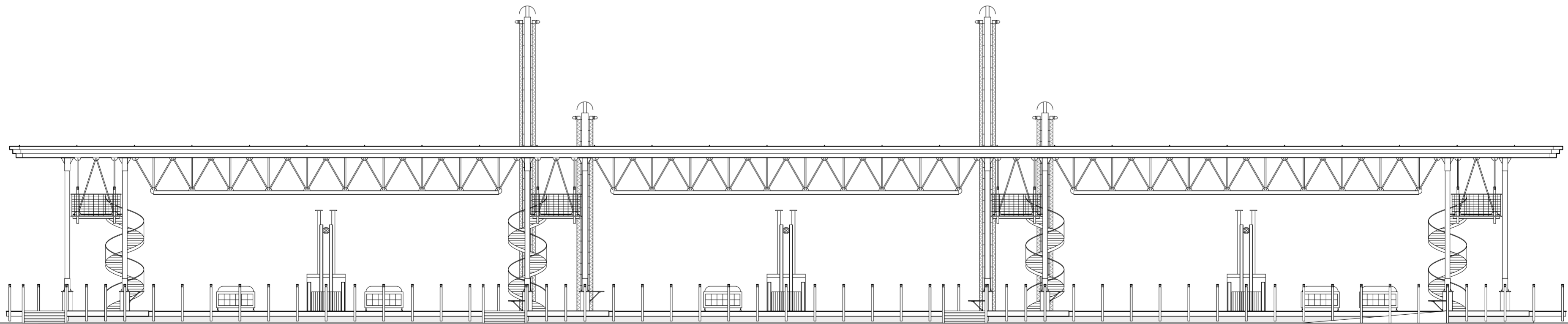
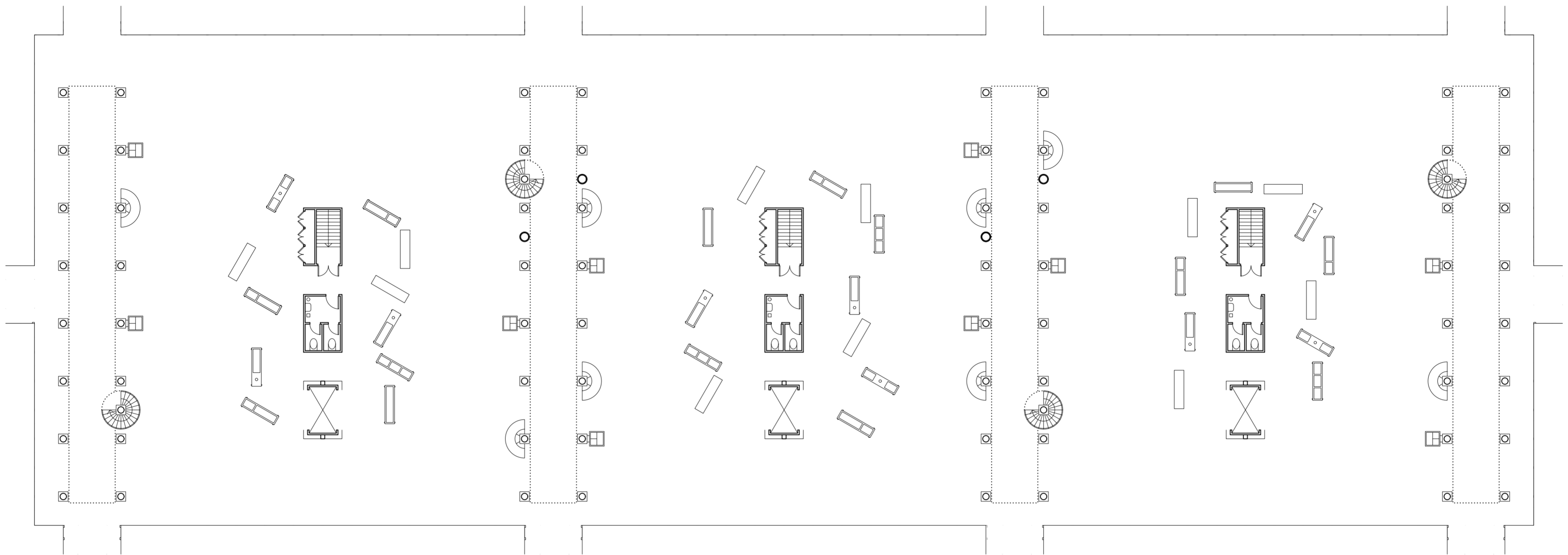


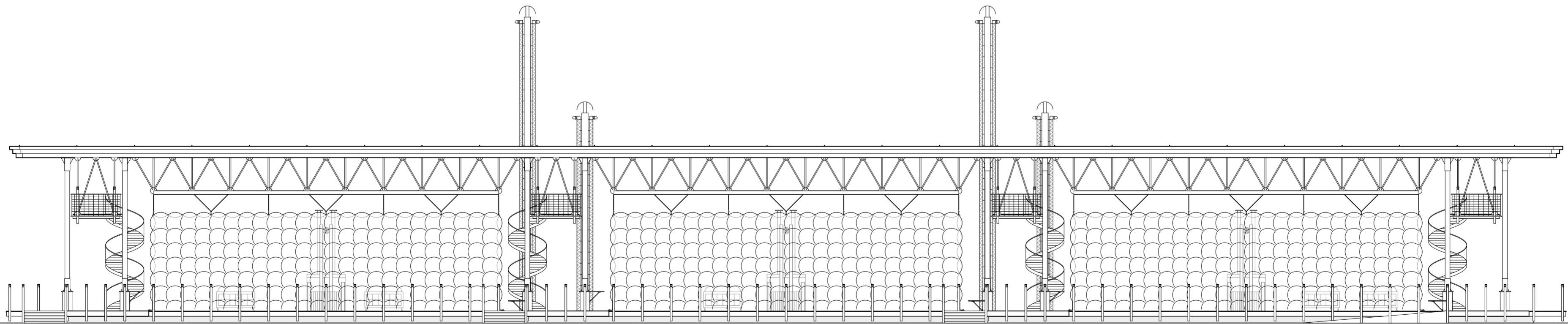
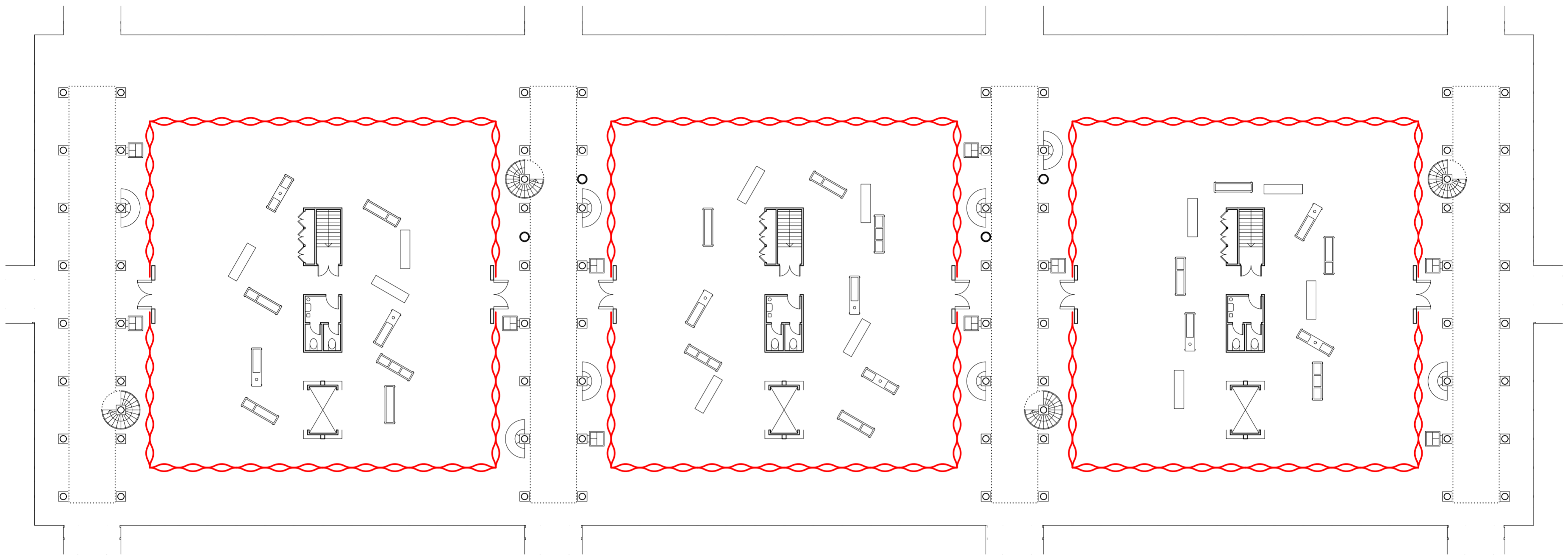
Plan ground and Elevation S 1:200

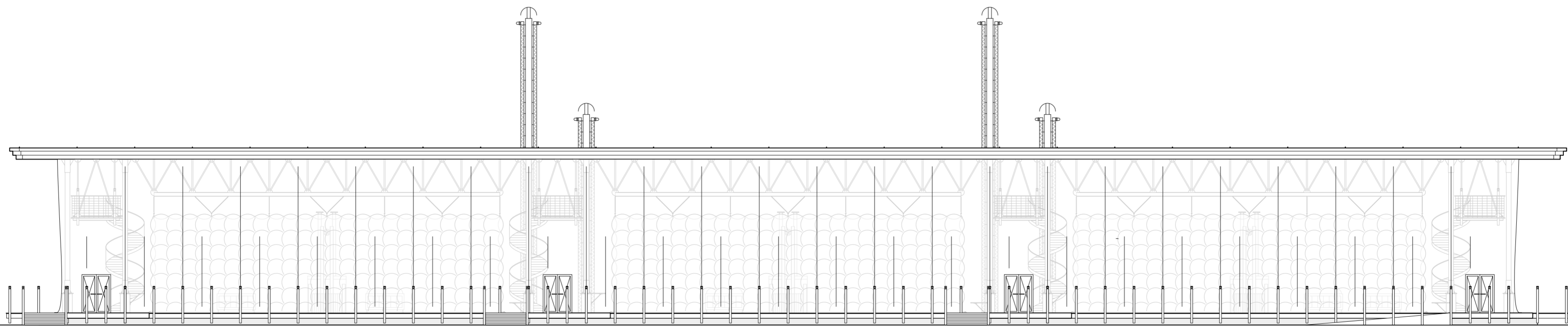
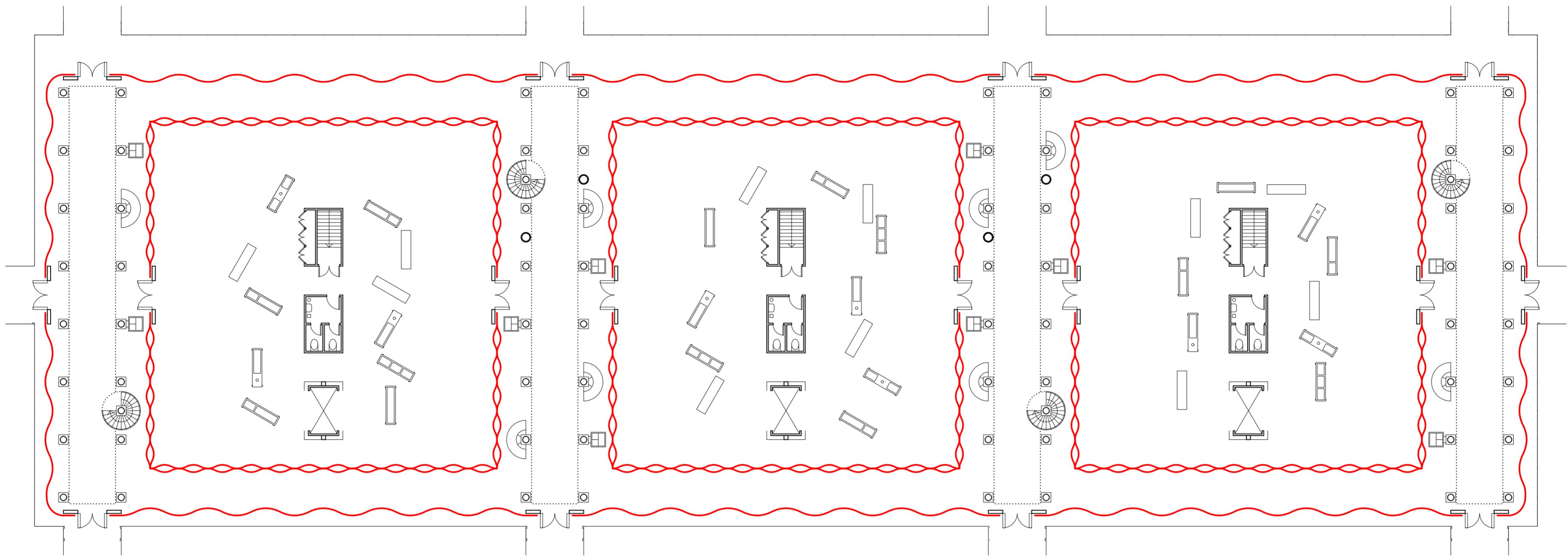
JAN FEB MAR APR MAY



Kalaturg in December



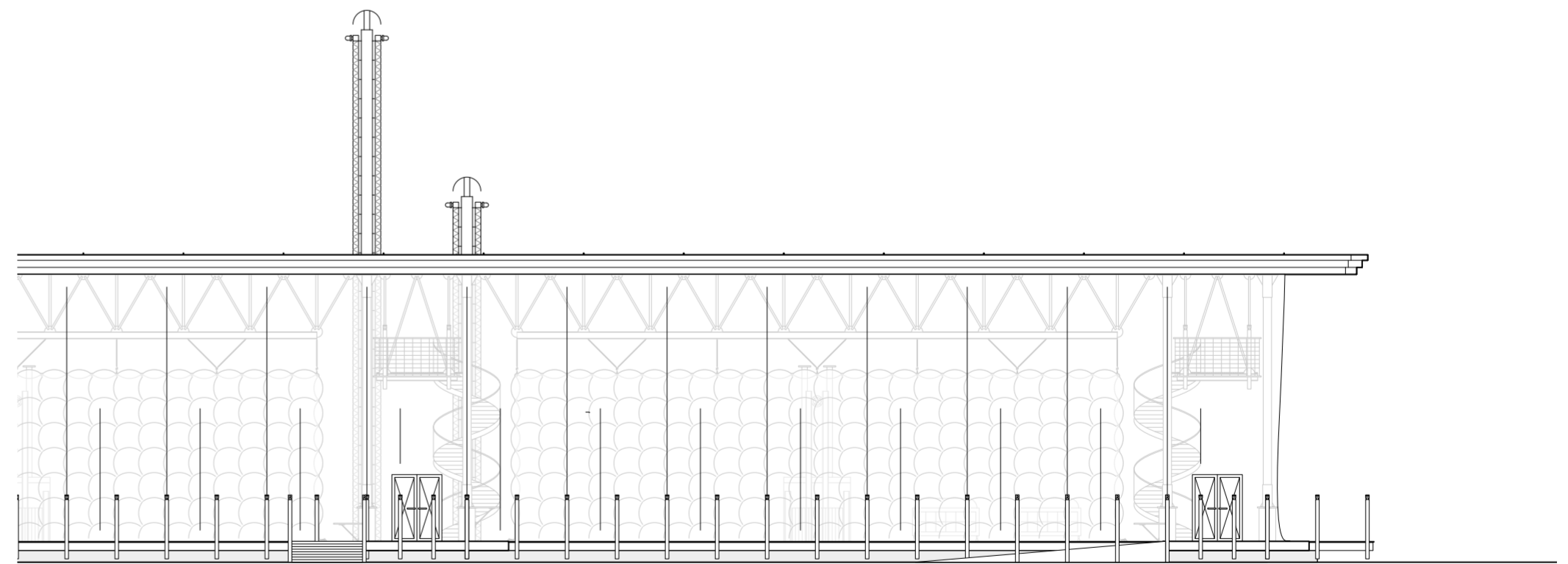
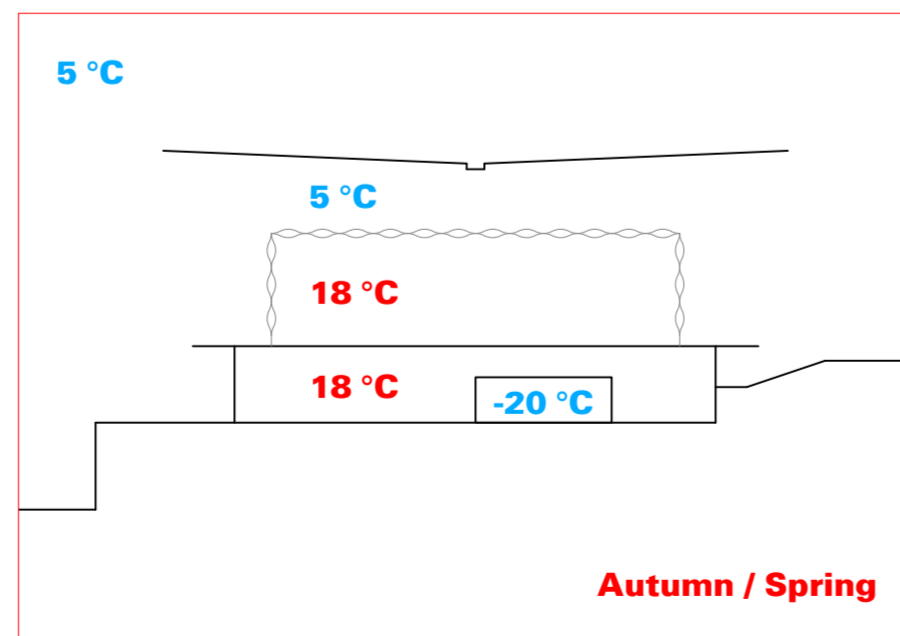
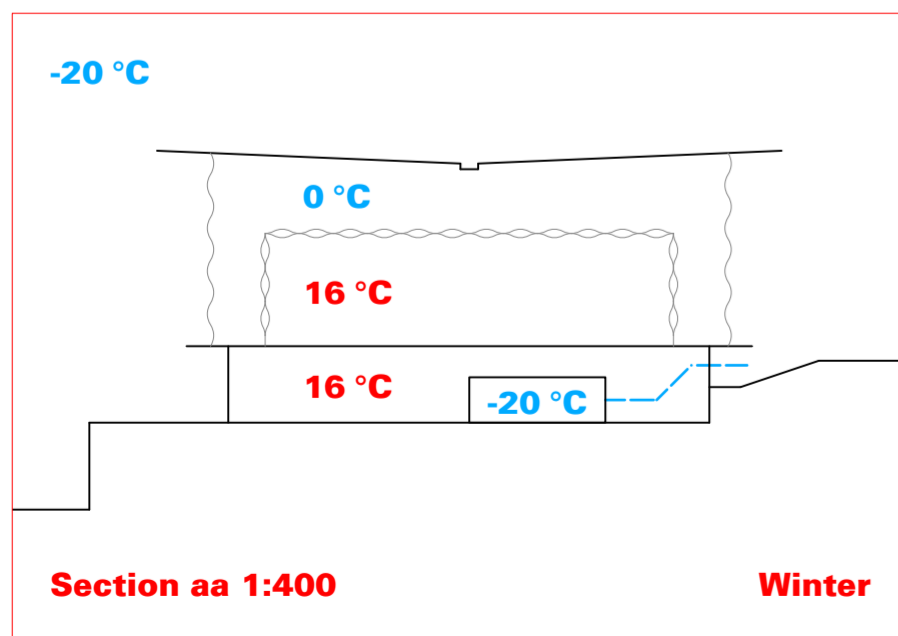
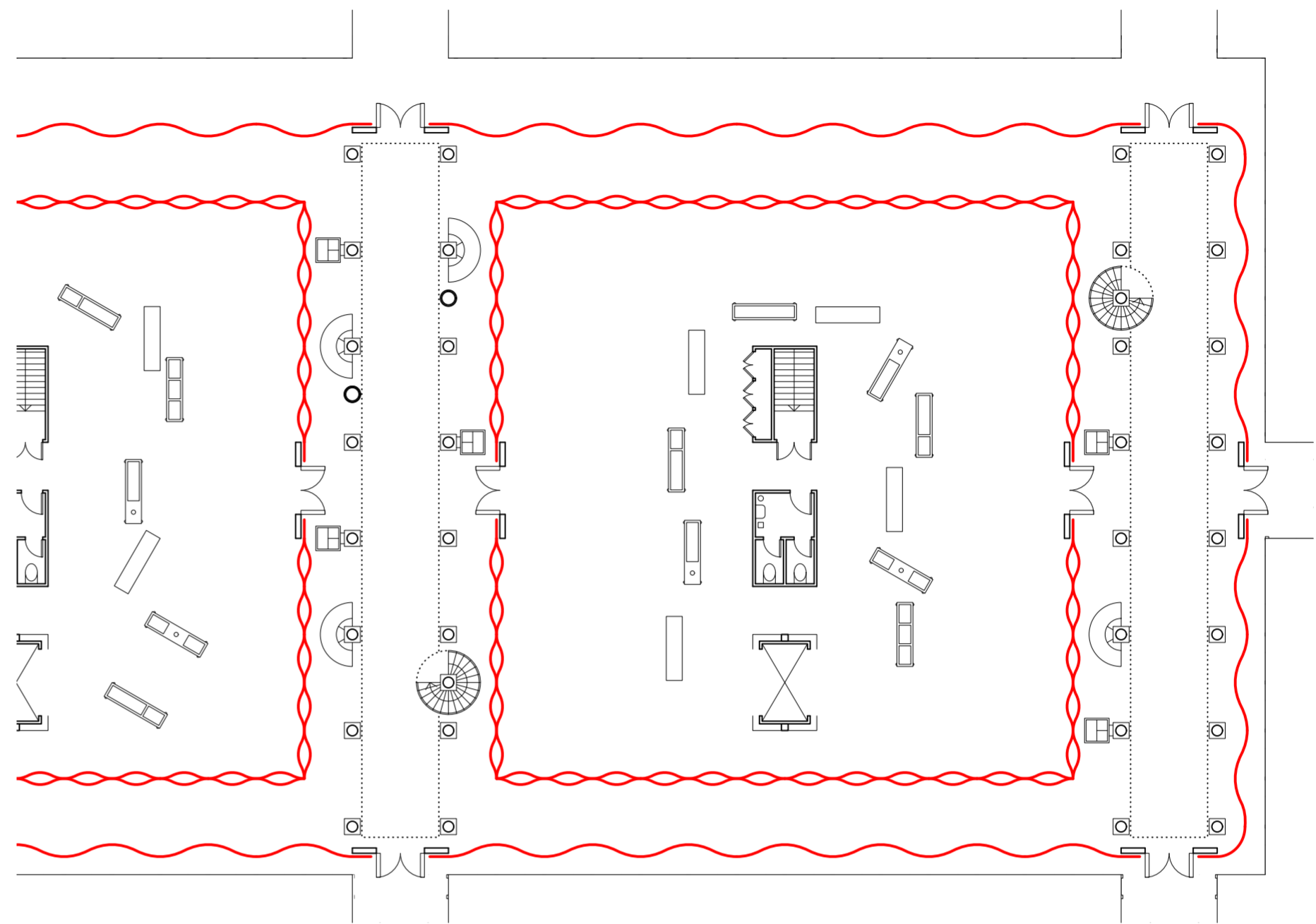
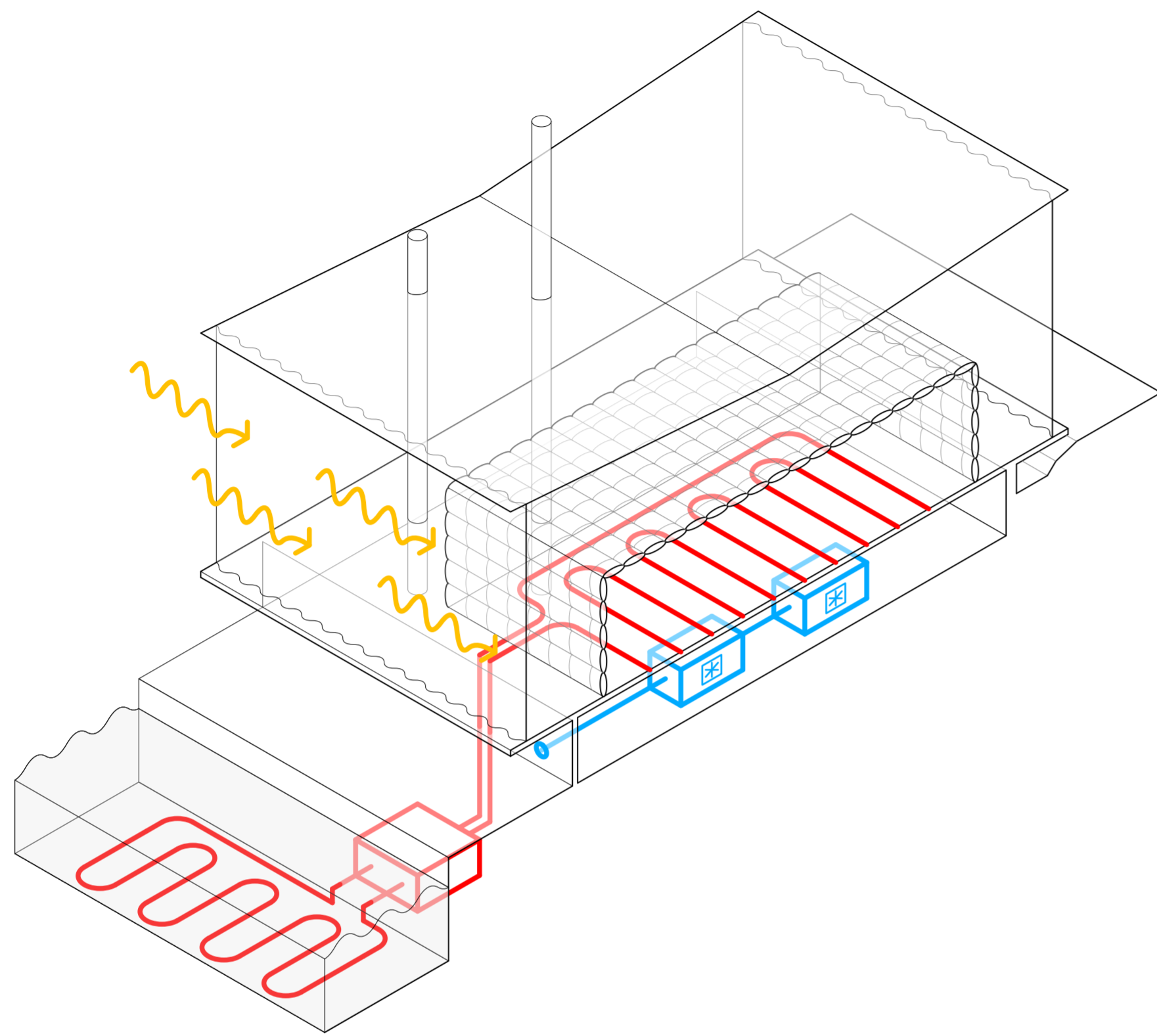




Plan ground and Elevation S 1:200

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

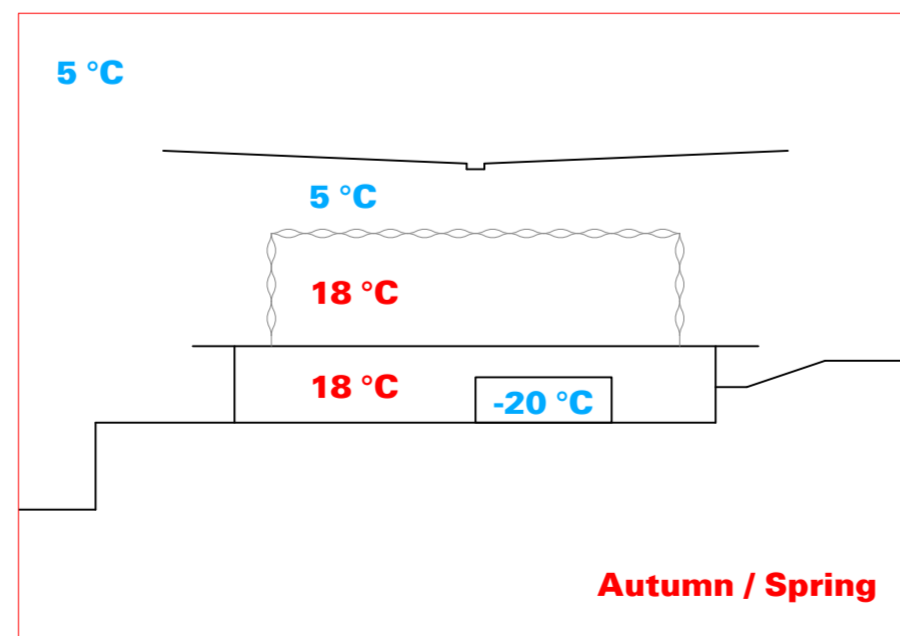
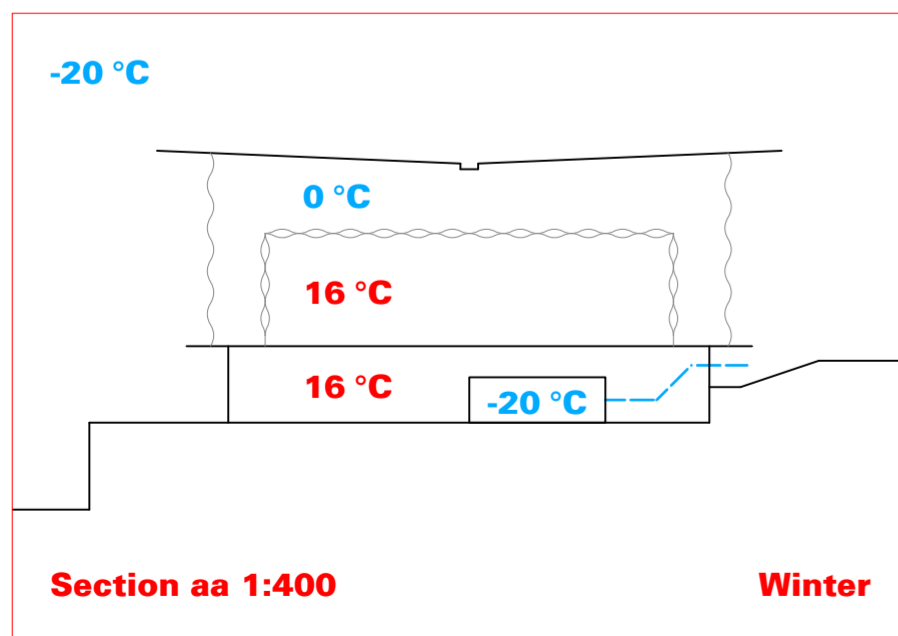
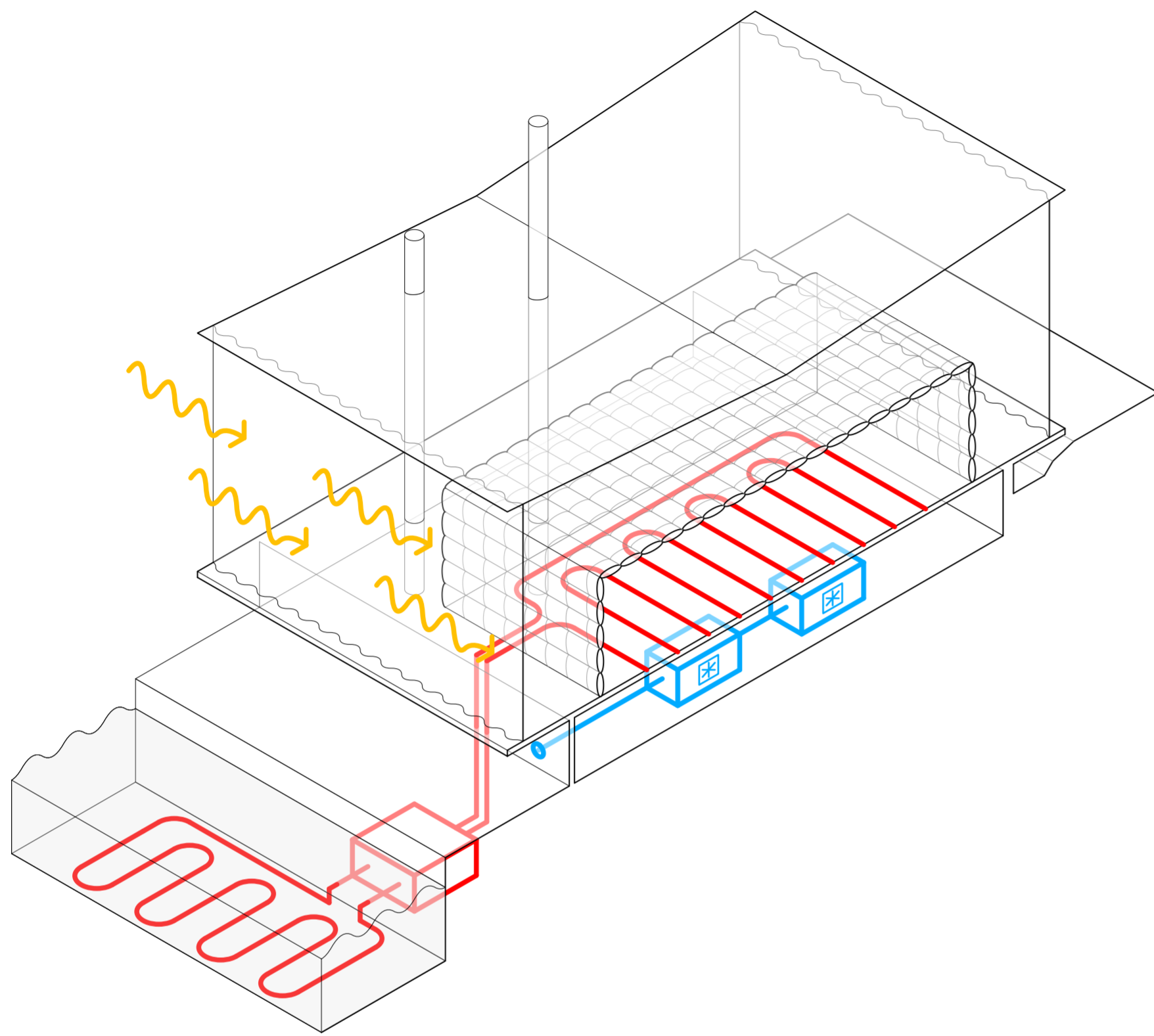
0  10m



Winter — free cooling — water-source heating — solar gains

JUN JUL AUG SEP OCT NOV DEC

0 10m



Winter — free cooling — water-source heating — solar gains



Kalaranna Promenade in November



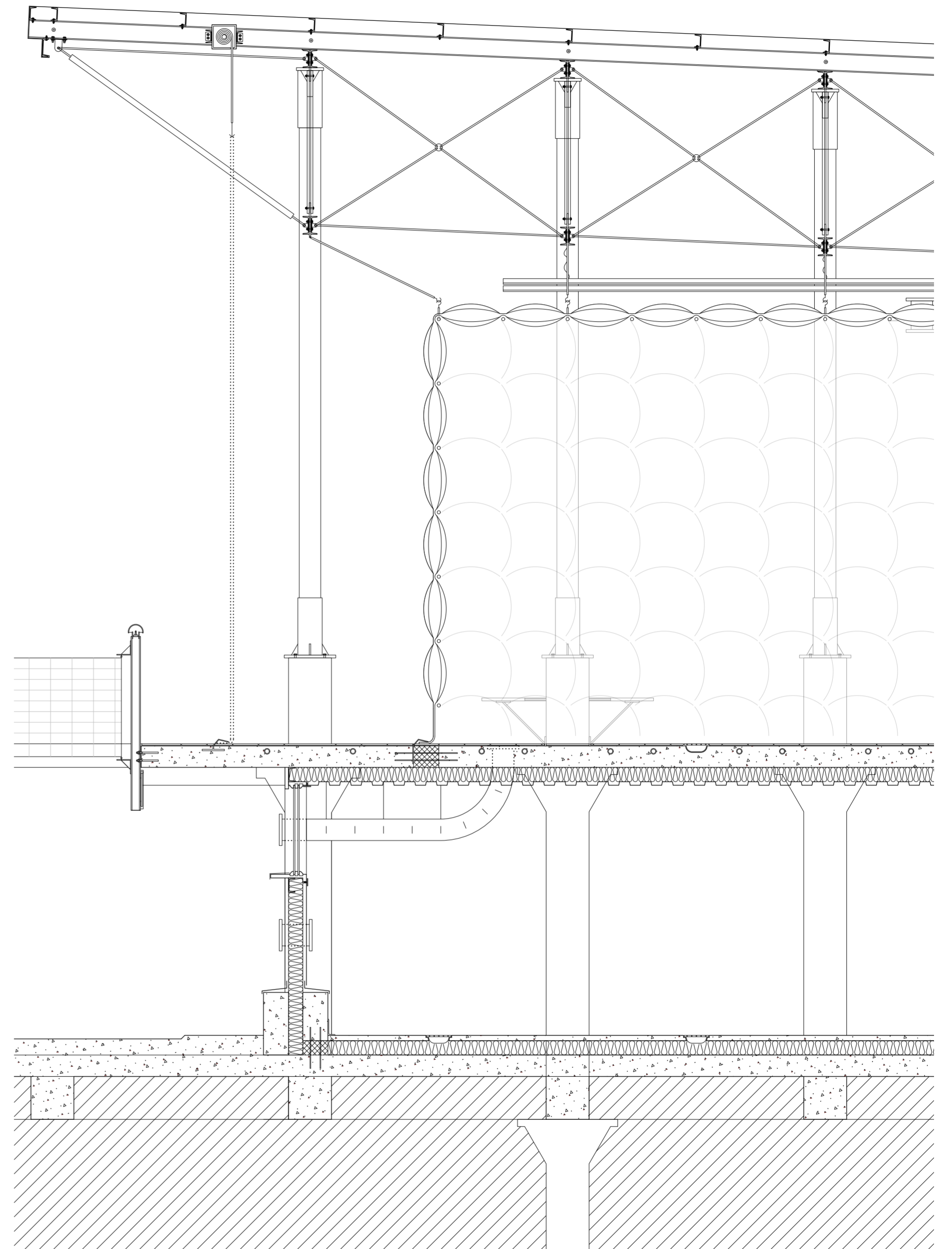
Looking outside in autumn through the temporary façade



Kalaranna Promenade in November



Looking outside in autumn through the temporary façade

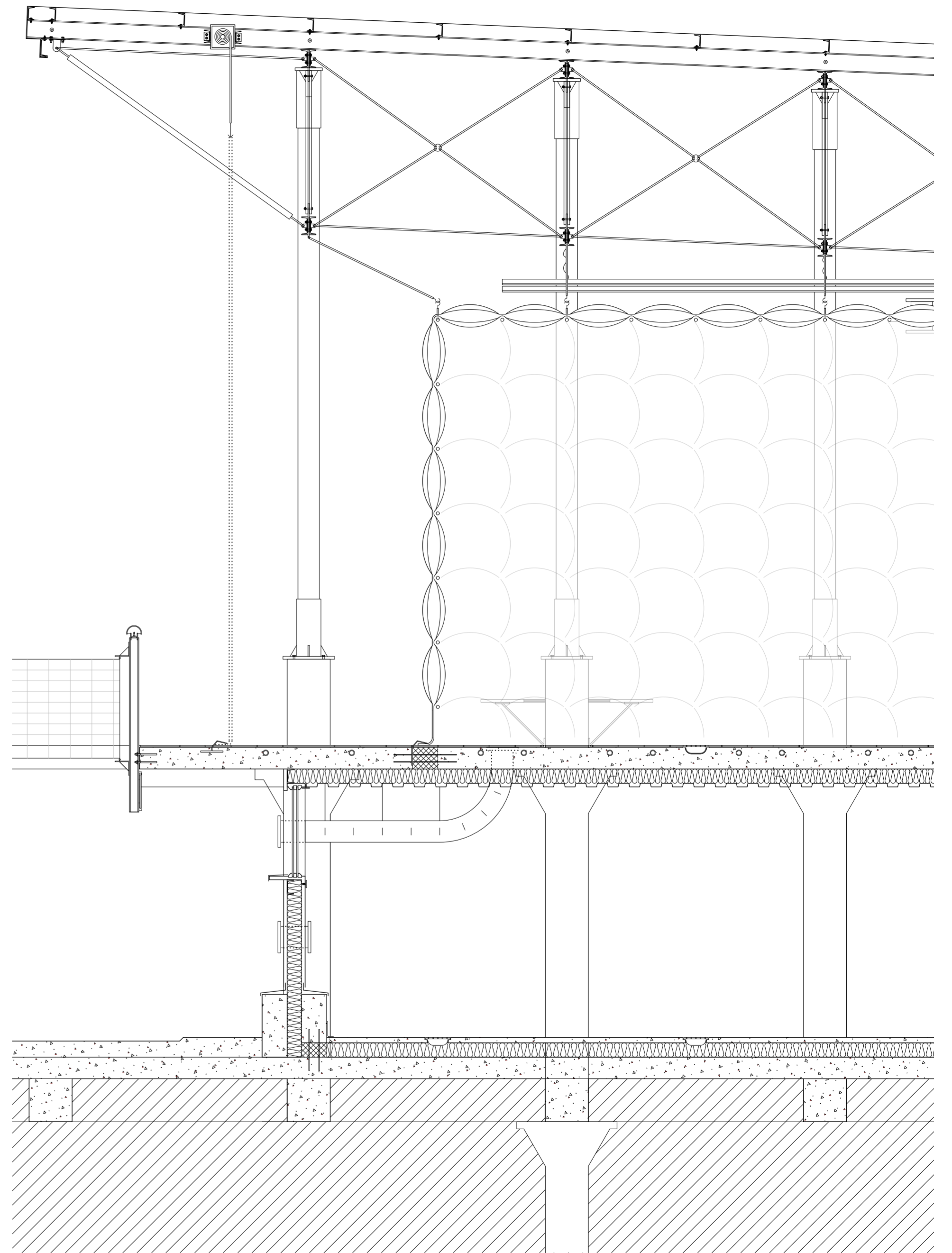


Section aa 1:50

0 ——— 2m



Elevation North day 1:50



Section aa 1:50

0 ——— 2m

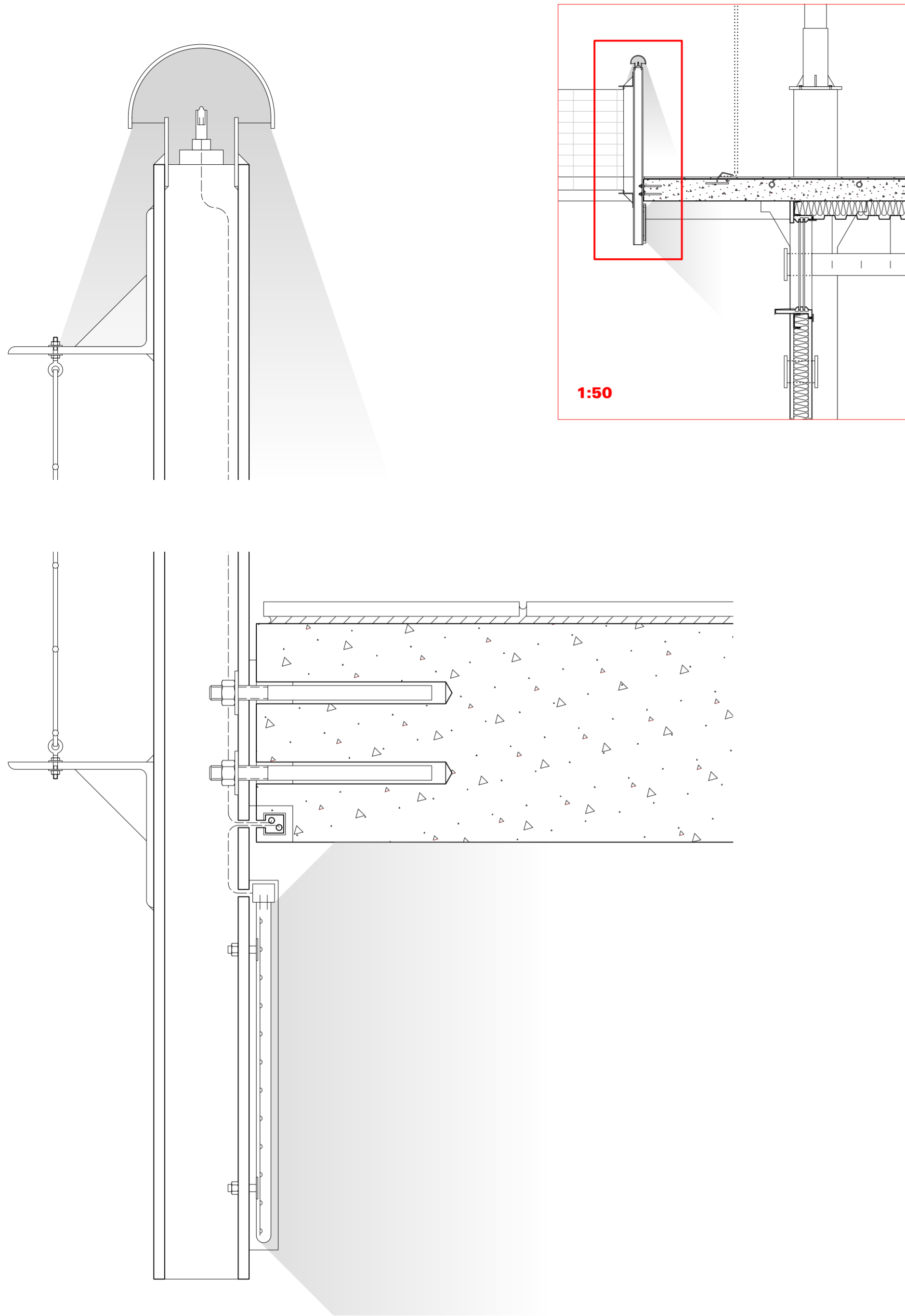


Elevation North day 1:50



Elevation North night 1:50

0  2m



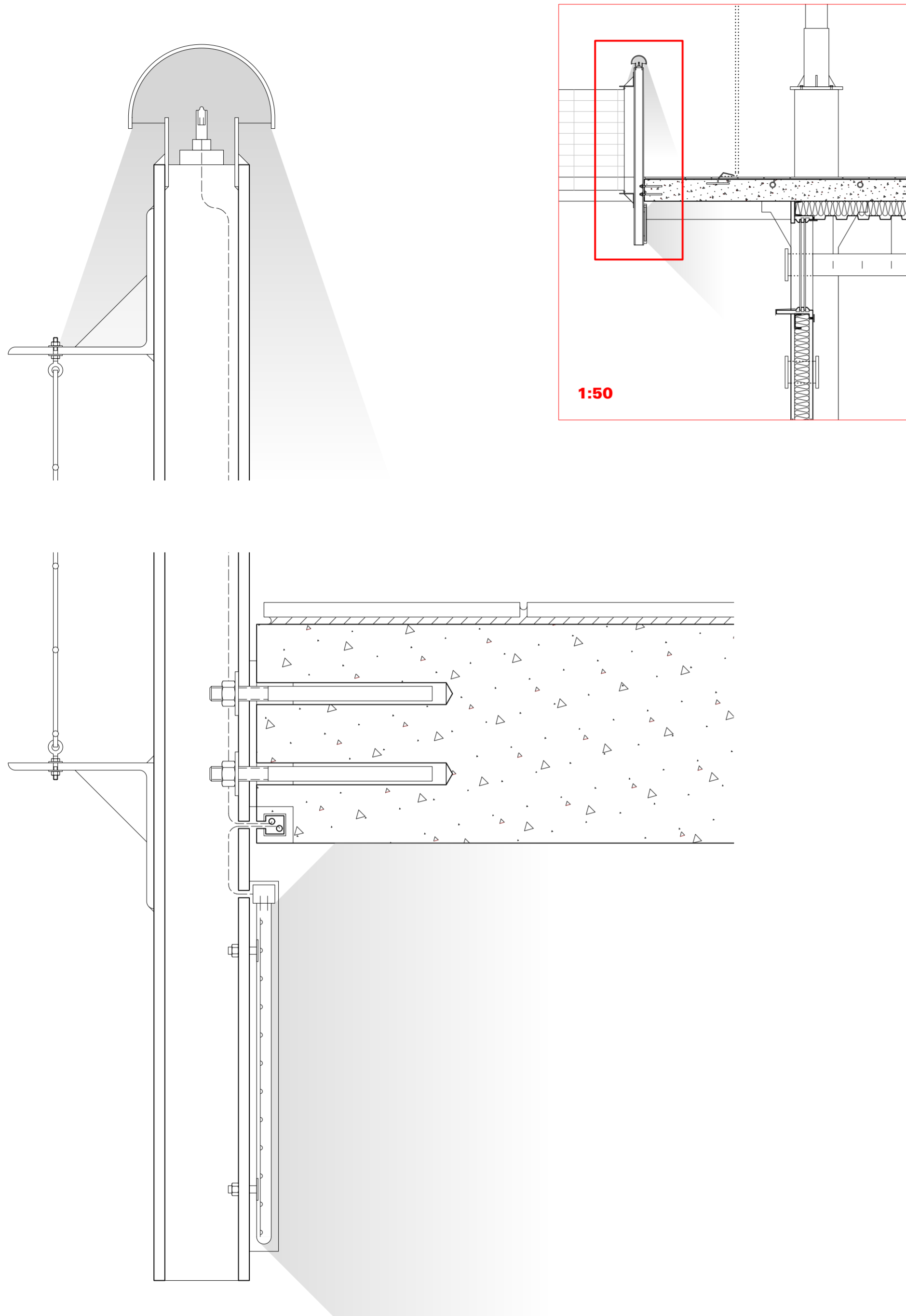
Balustrade 1:5

0 ——— 20cm



Elevation North night 1:50

0 ——— 2m



Balustrade 1:5

0 ——— 20cm



Concert in the market hall



Badminton competition in the market hall



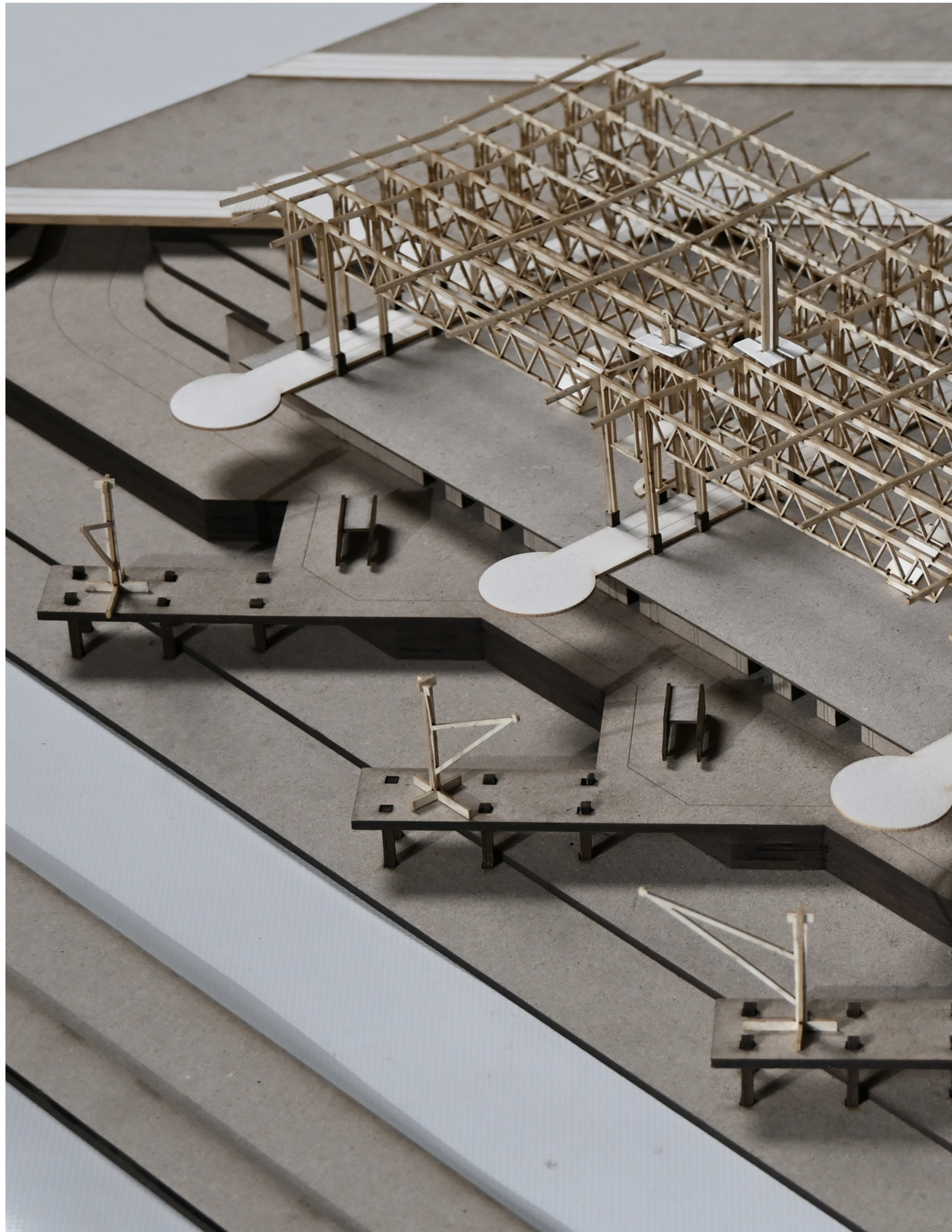
Concert in the market hall



Badminton competition in the market hall



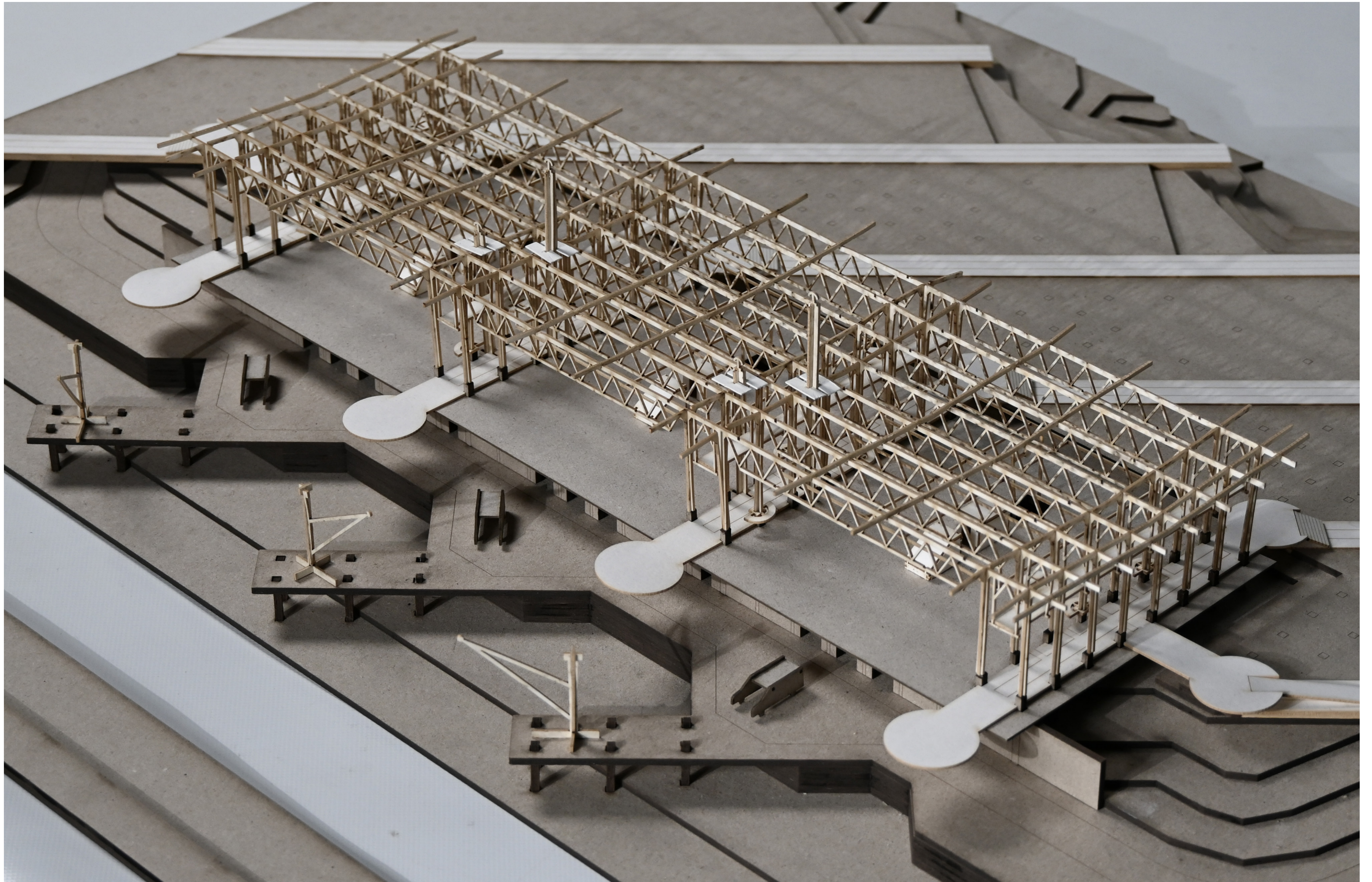
Fish market in the summer



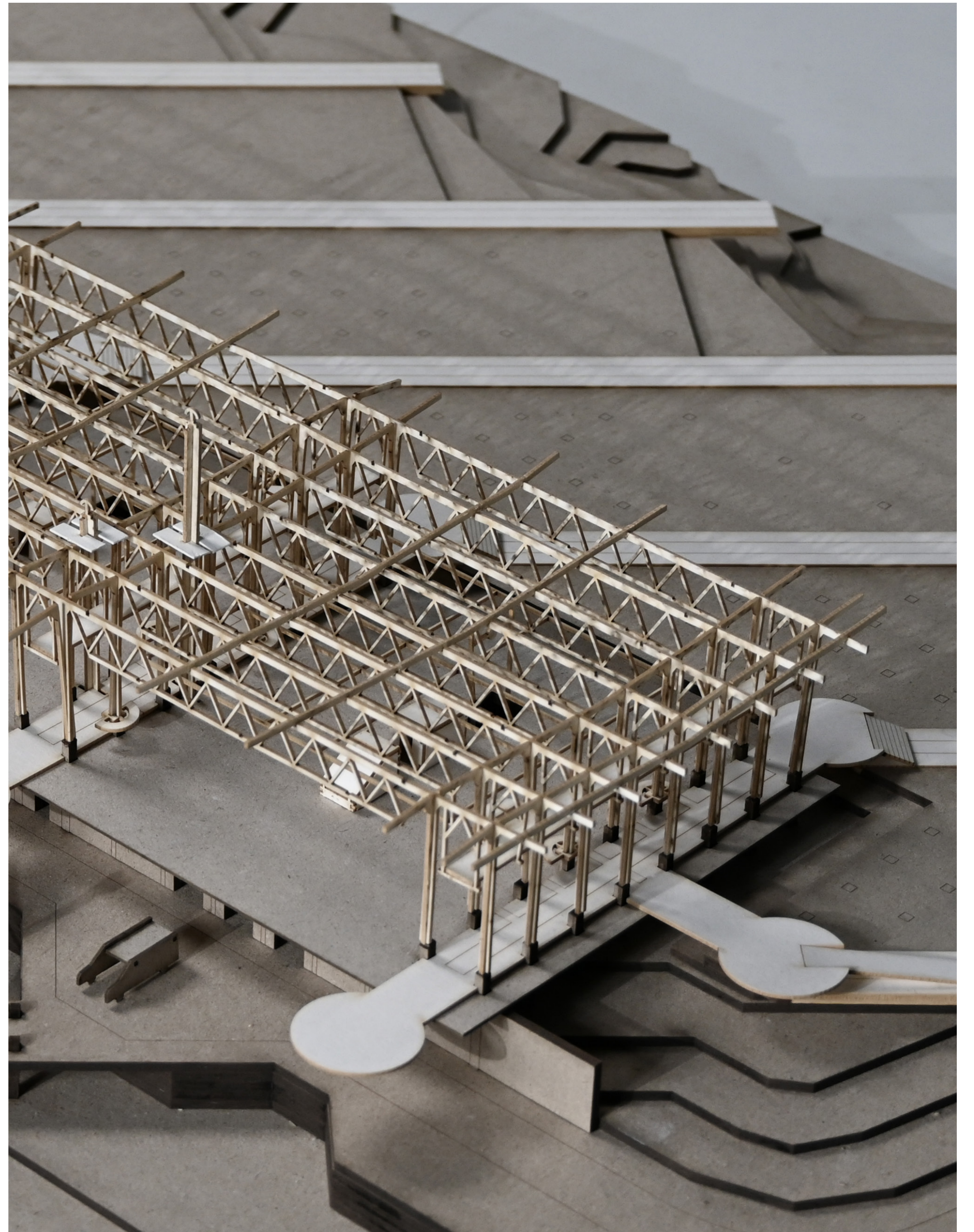
View of roof structure



Fish market in the summer



View of roof structure



Solid architecture on Tallinn's coast / 1, 2: Noblessner / 3, 4: Kalamaja



Solid architecture on Tallinn's coast / 1, 2: Noblessner / 3, 4: Kalamaja

Kalaturg (circle) and Linnahall on the map of Kalasadam, Tallinn



Linnahall today / completed in 1980



Kalaturg (circle) and Linnahall on the map of Kalasadam, Tallinn



Linnahall today / completed in 1980



Linnahall



The Net / Wassily Kandinsky



Linnahall



The Net / Wassily Kandinsky



Tallinn ship factory / archival photo, 1960s



Paljassaare Sadam, Tallinn / archival photo, 1970s



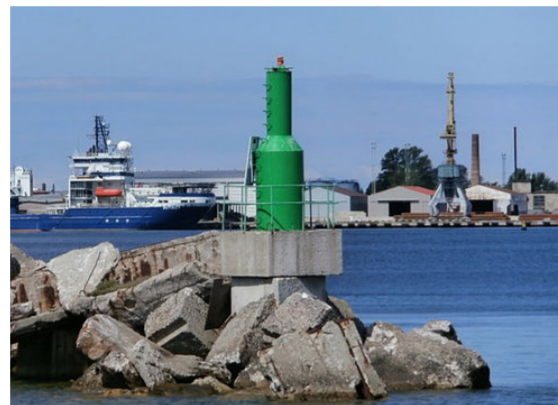
Tallinn ship factory / archival photo, 1960s



Paljassaare Sadam, Tallinn / archival photo, 1970s



Paljassaare Sadam, Tallinn / archival photo, 1970s



Lights
Cranes
Piers

1 Kopli
4 Paljassaare
7 Paljassaare

2 Kalasadam
5 Noblessner
8 Pärnu

3 Pärnu
6 Vanasadam
9 Muuga

Poljassaare Sadam, Tallinn / archival photo, 1970s



Lights
Cranes
Piers

1 Kopli
4 Paljassaare
7 Paljassaare

2 Kalasadam
5 Noblessner
8 Pärnu

3 Pärnu
6 Vanasadam
9 Muuga

Pitheads / Bernd and Hilla Becher



Structural model



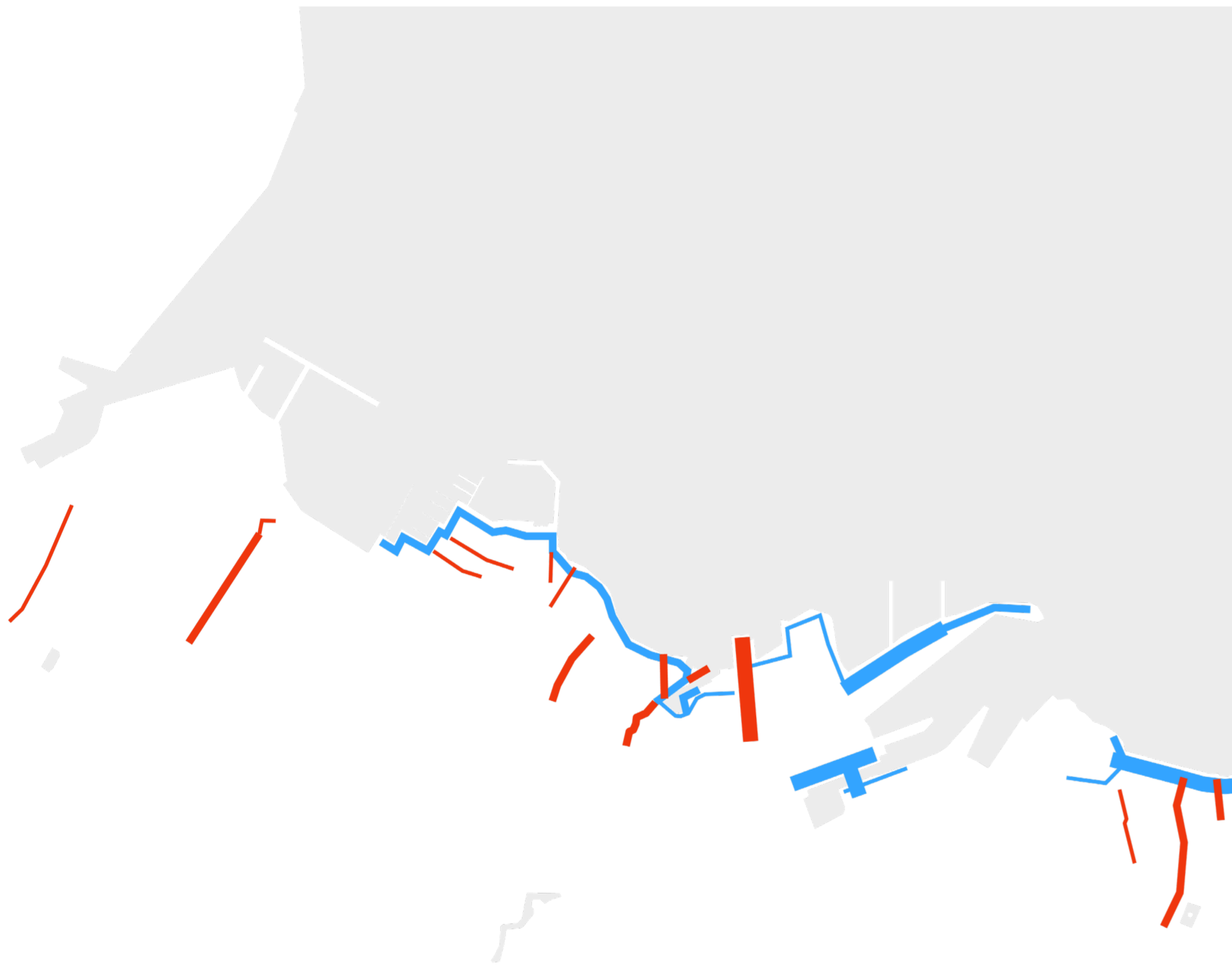
Pitheads / Bernd and Hilla Becher



Structural model



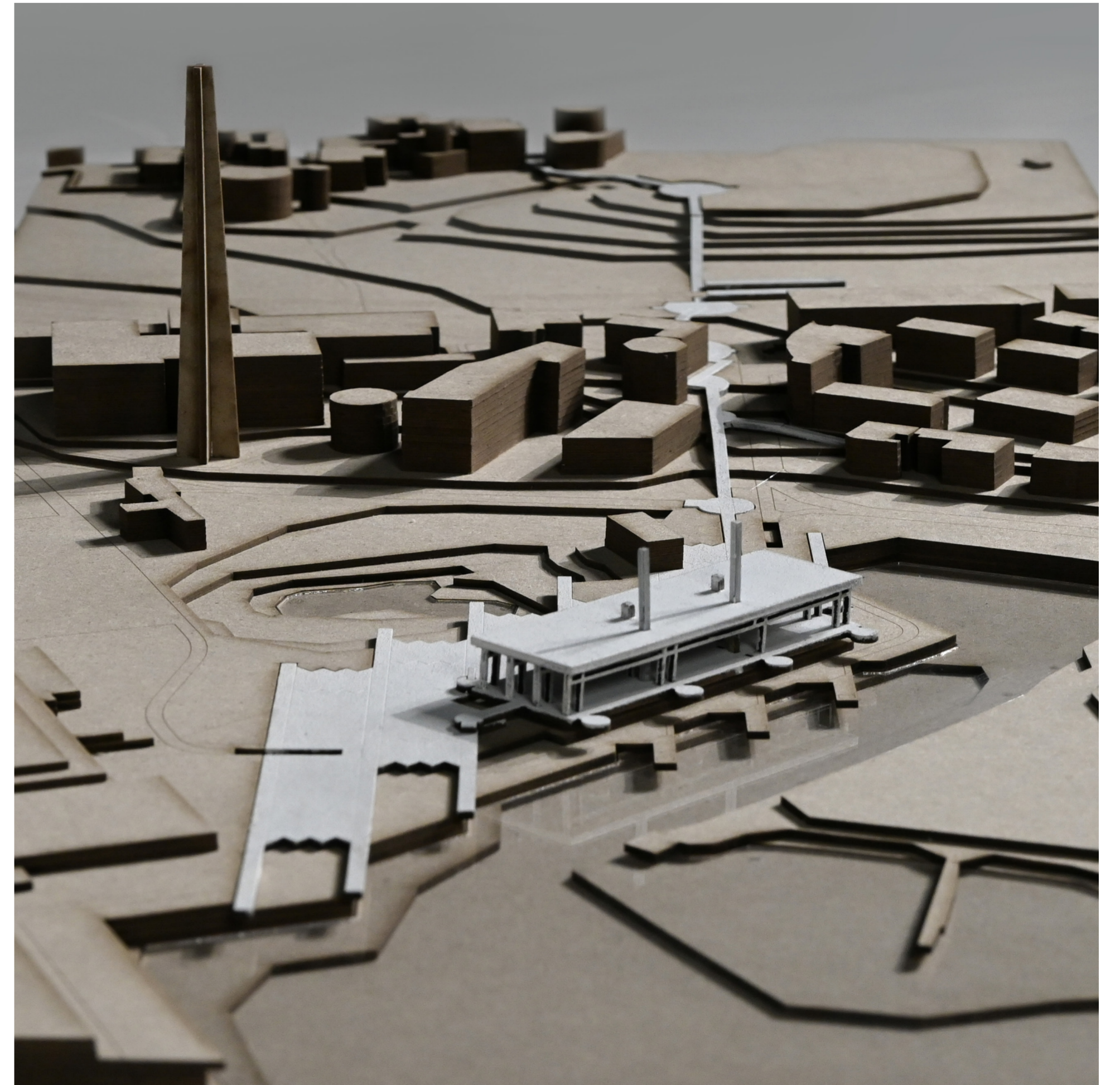
Extension of the fish market into the Old Town



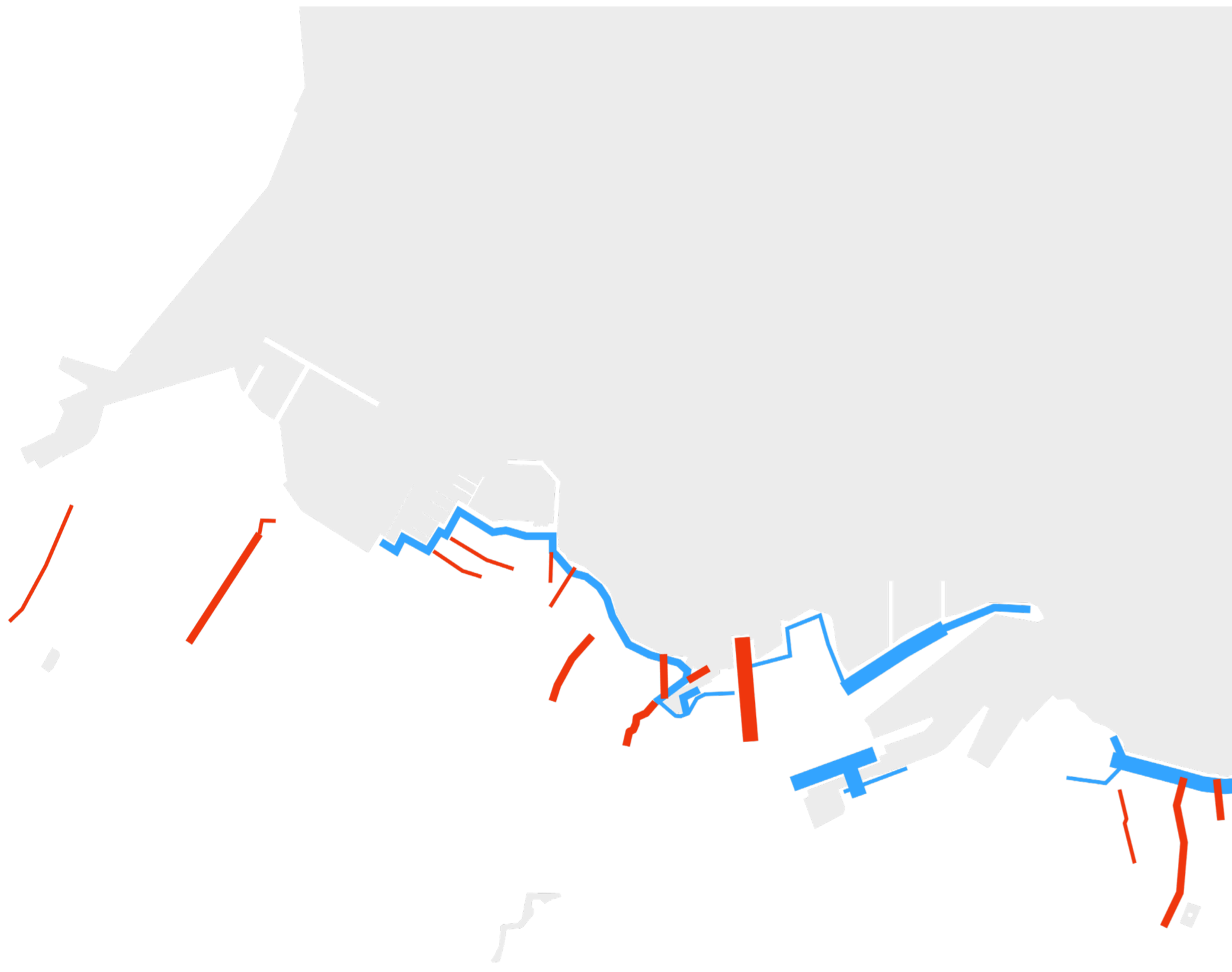
Tallinn

— seaview axis towards shore

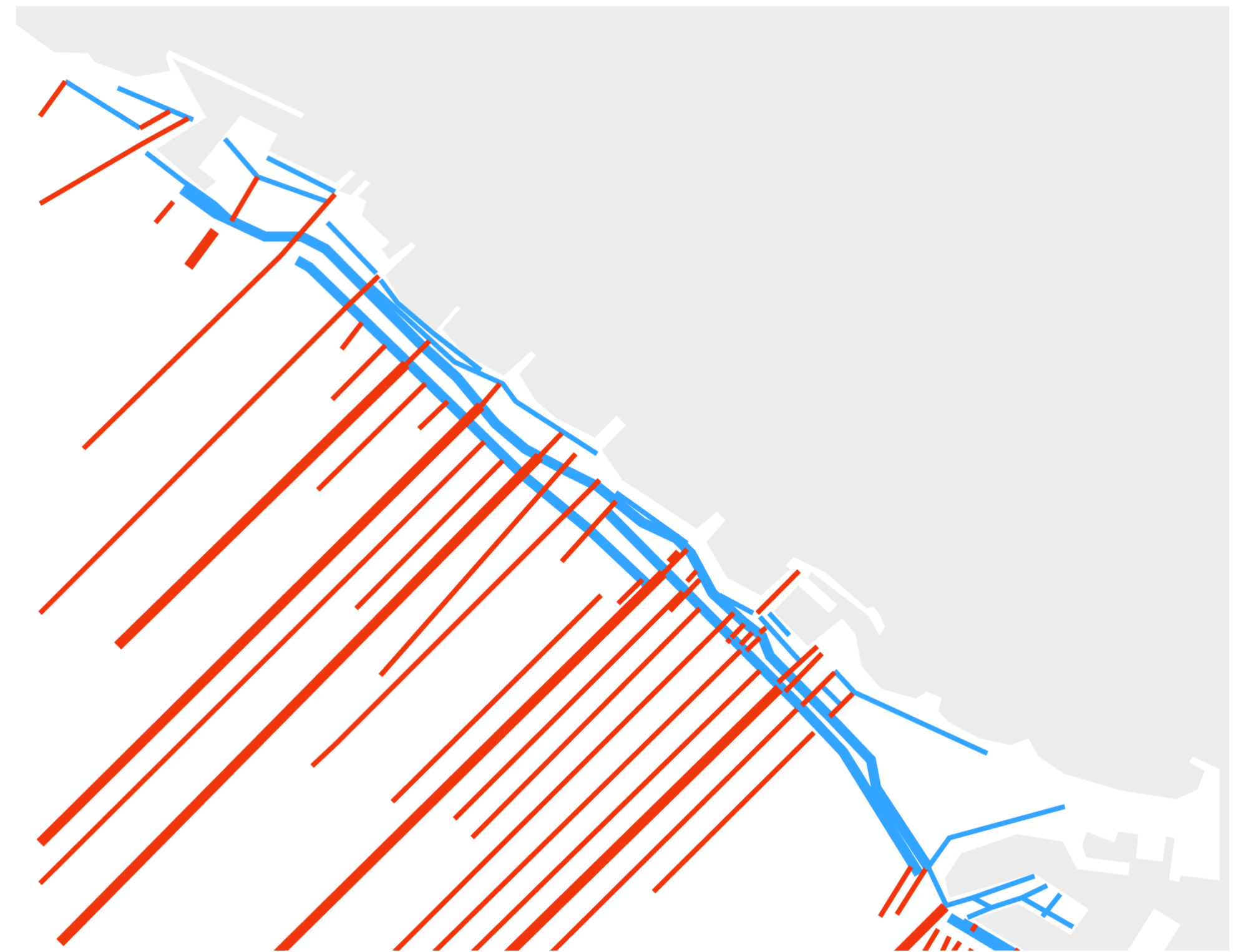
— seaview axis along shore



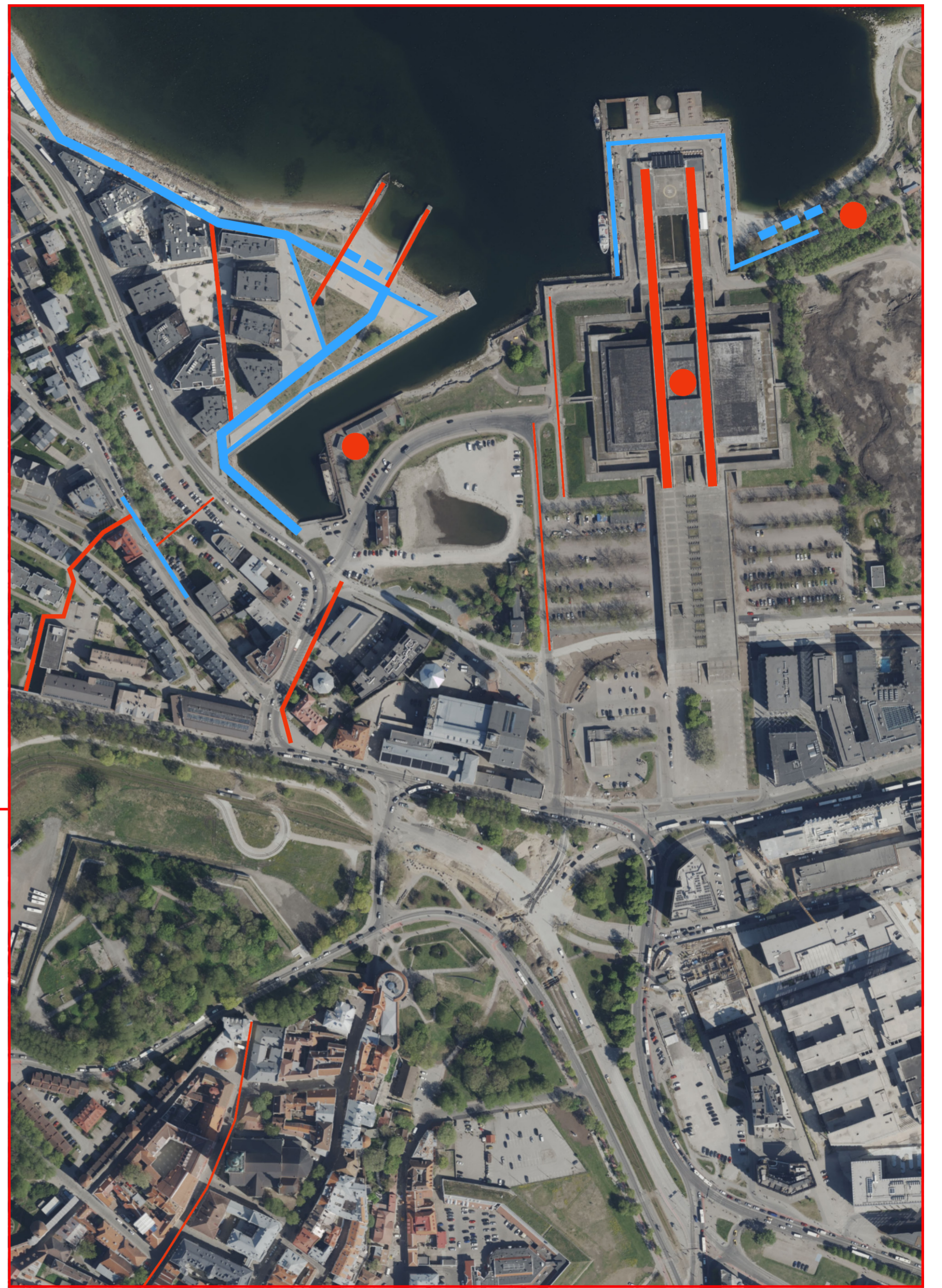
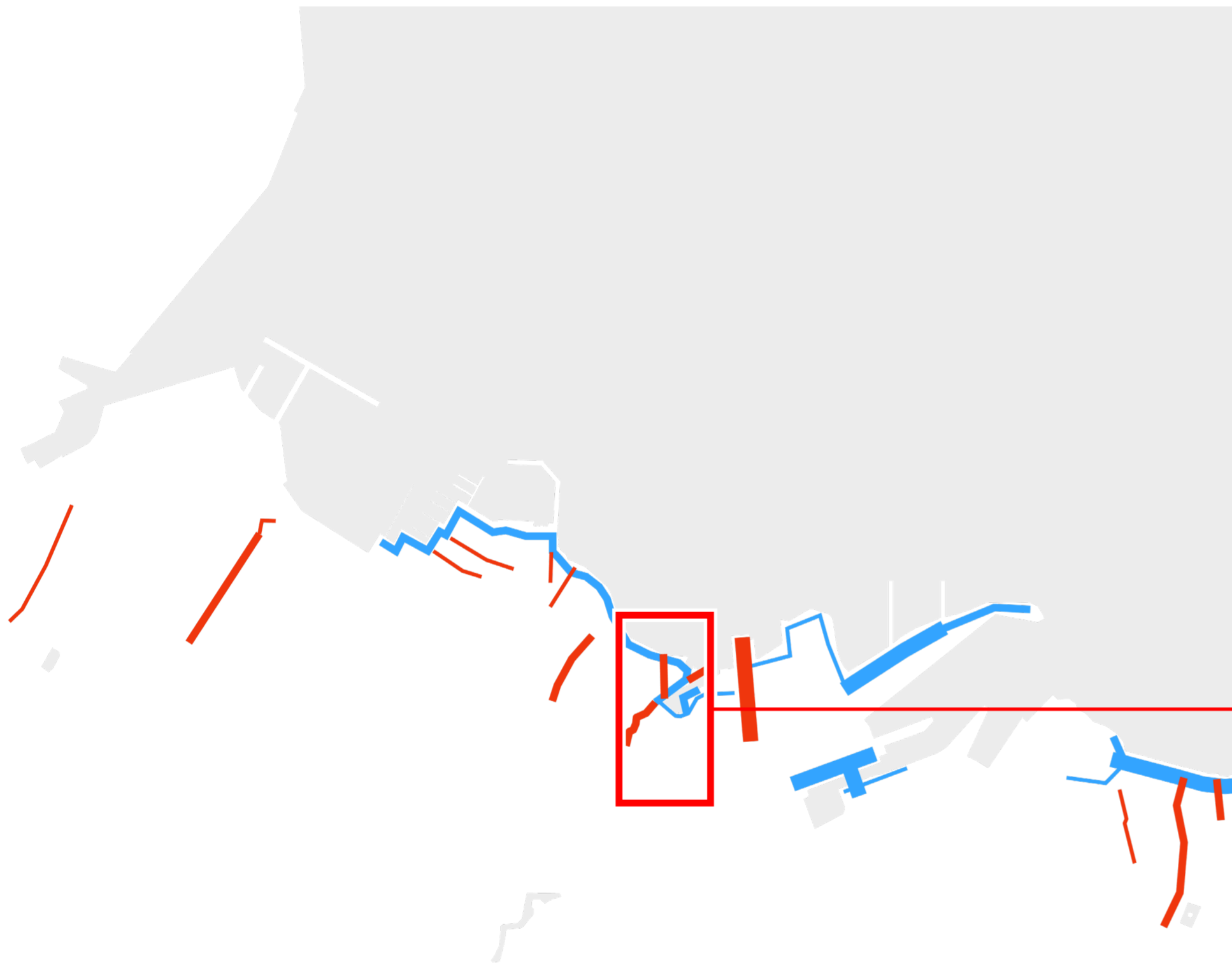
Extension of the fish market into the Old Town



Tallinn — seaview axis towards shore — seaview axis along shore

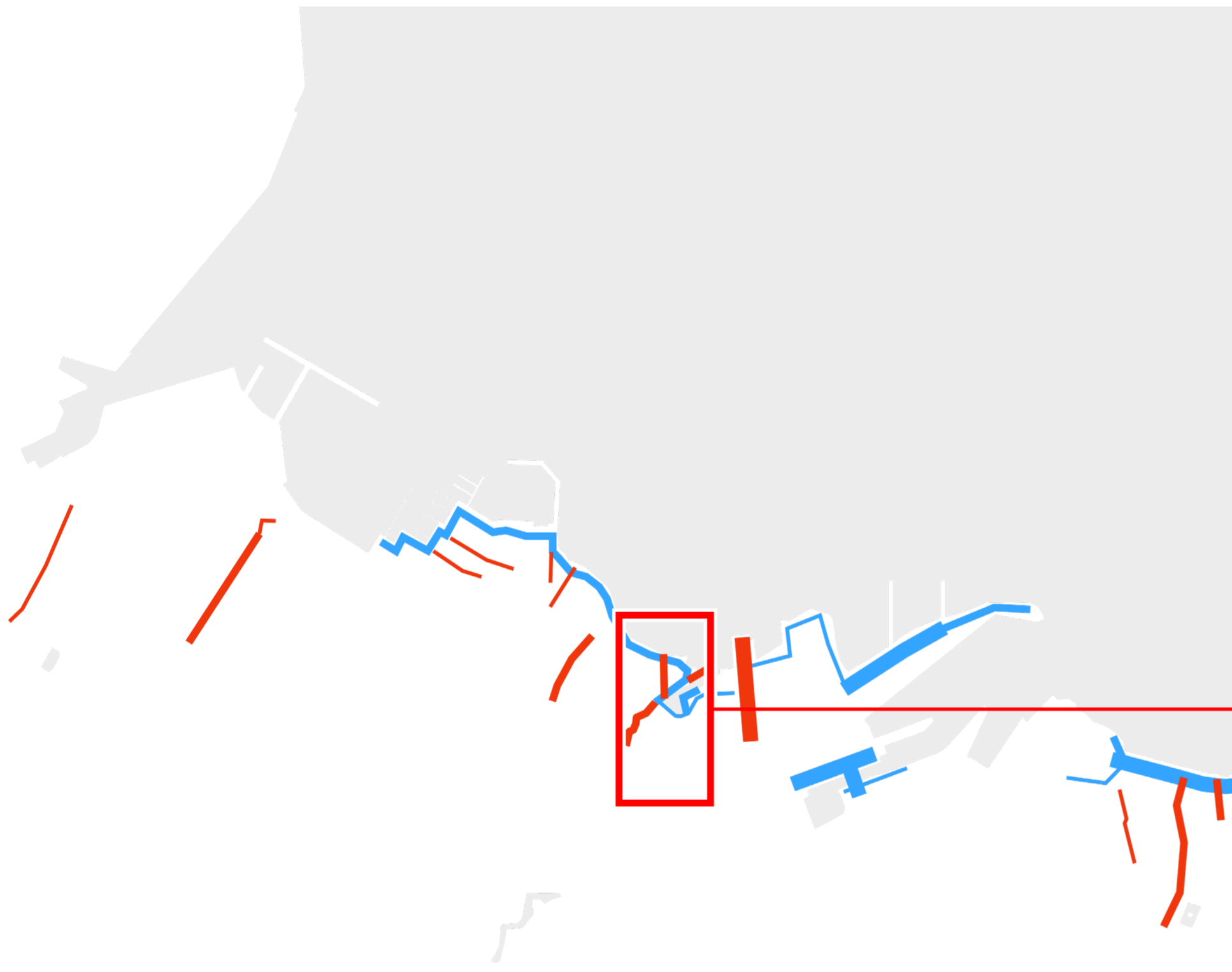


Barcelona — 0 — 500m



Tallinn — seaview axis towards shore — seaview axis along shore

Kalasadam, Tallinn / marking axes and coastal destinations (circles)

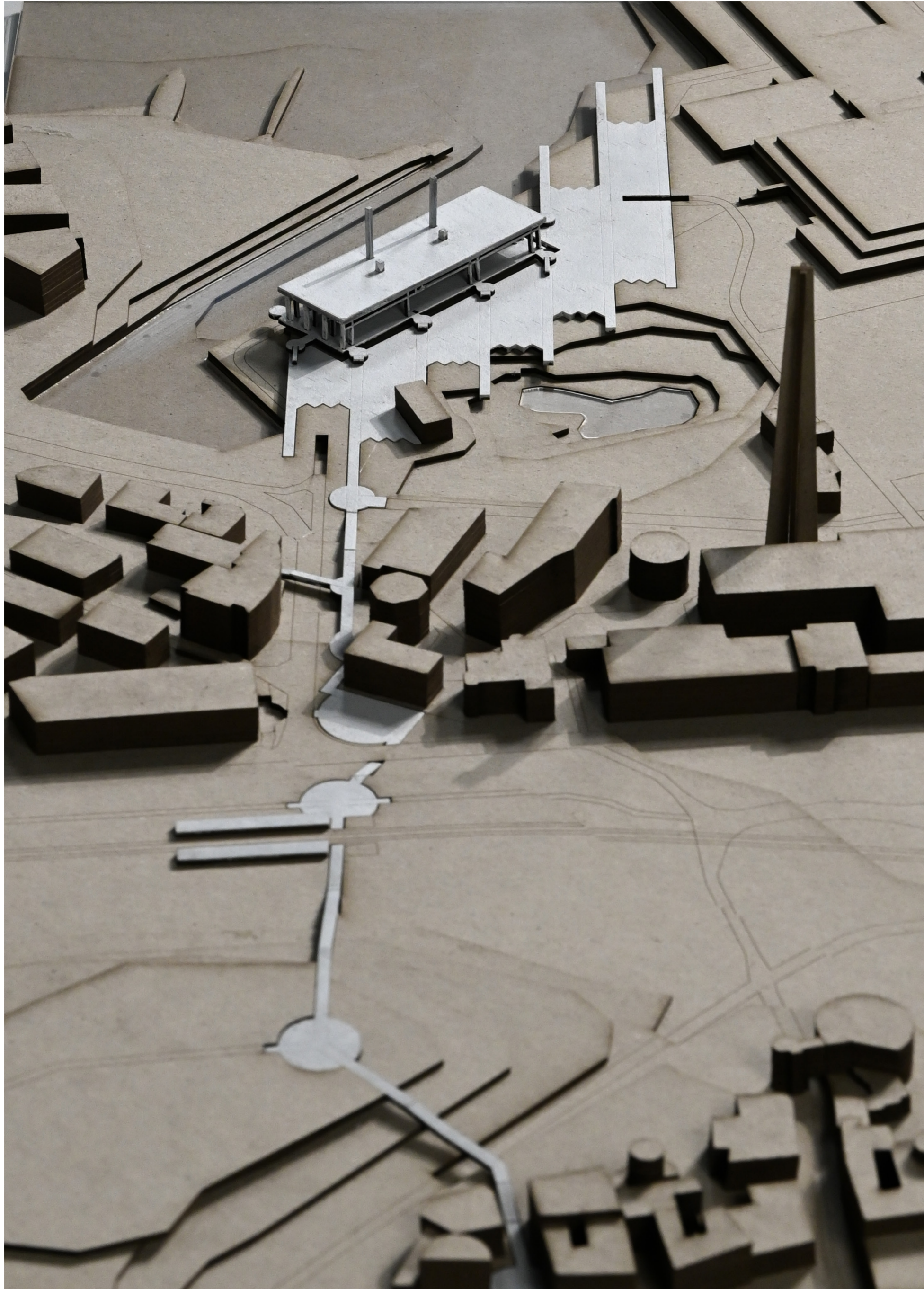


Tallinn

— seaview axis towards shore

— seaview axis along shore

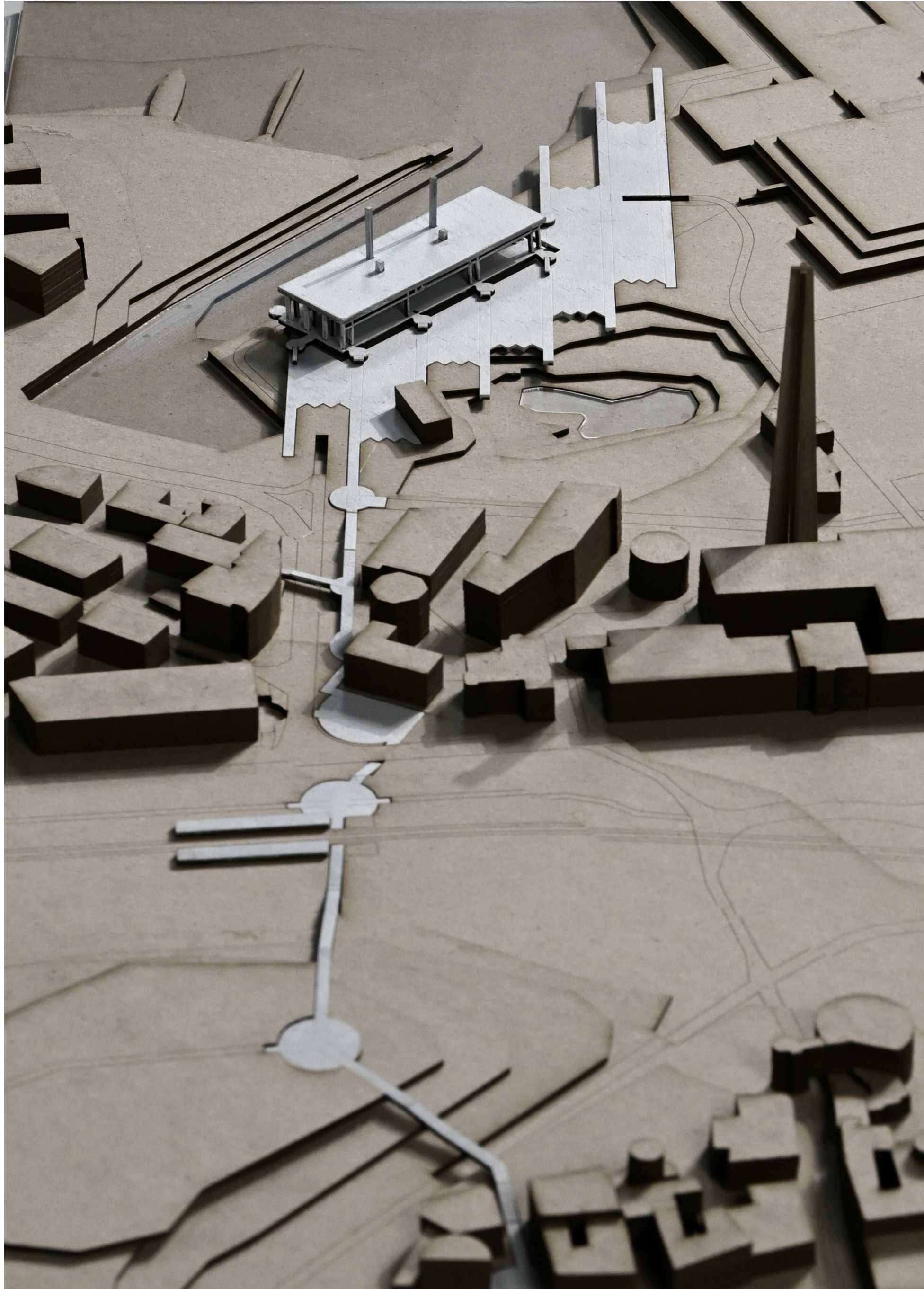
Proposed urban axes for Kalasadam, Tallinn



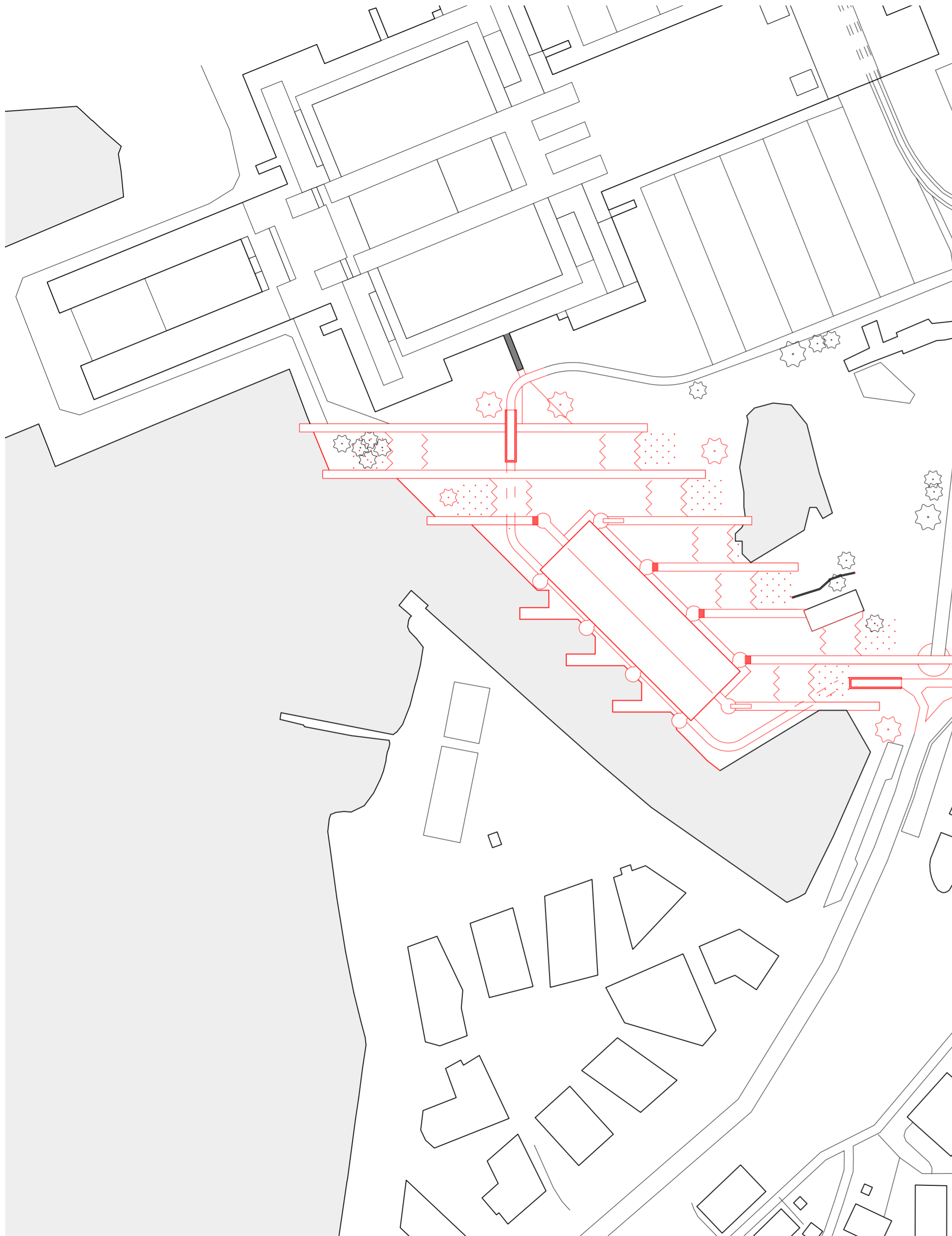
Proposed route from the Old Town to the market



Proposed urban axes for Kalasadam, Tallinn

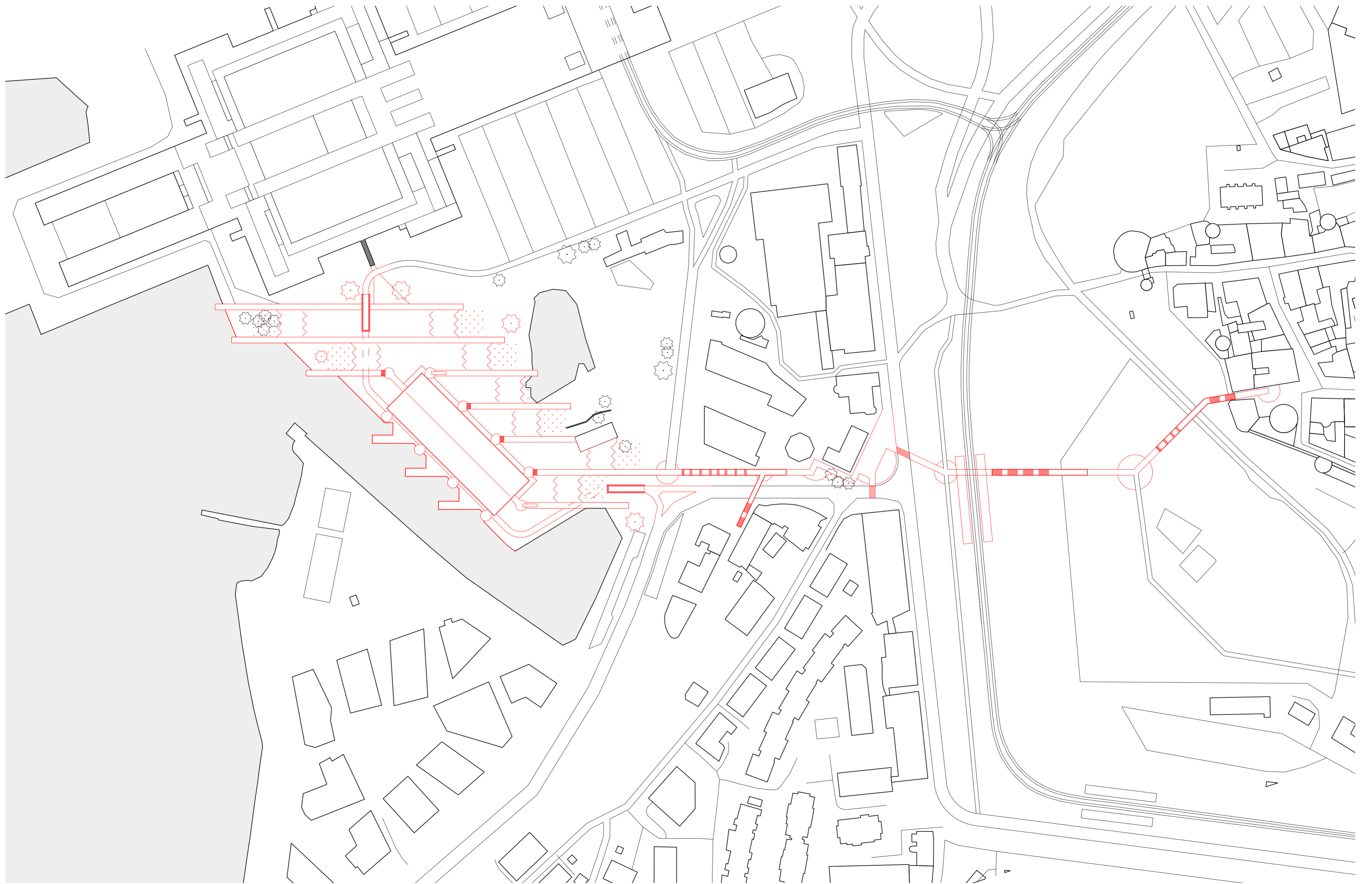


Proposed route from the Old Town to the market



Plan site 1:1500

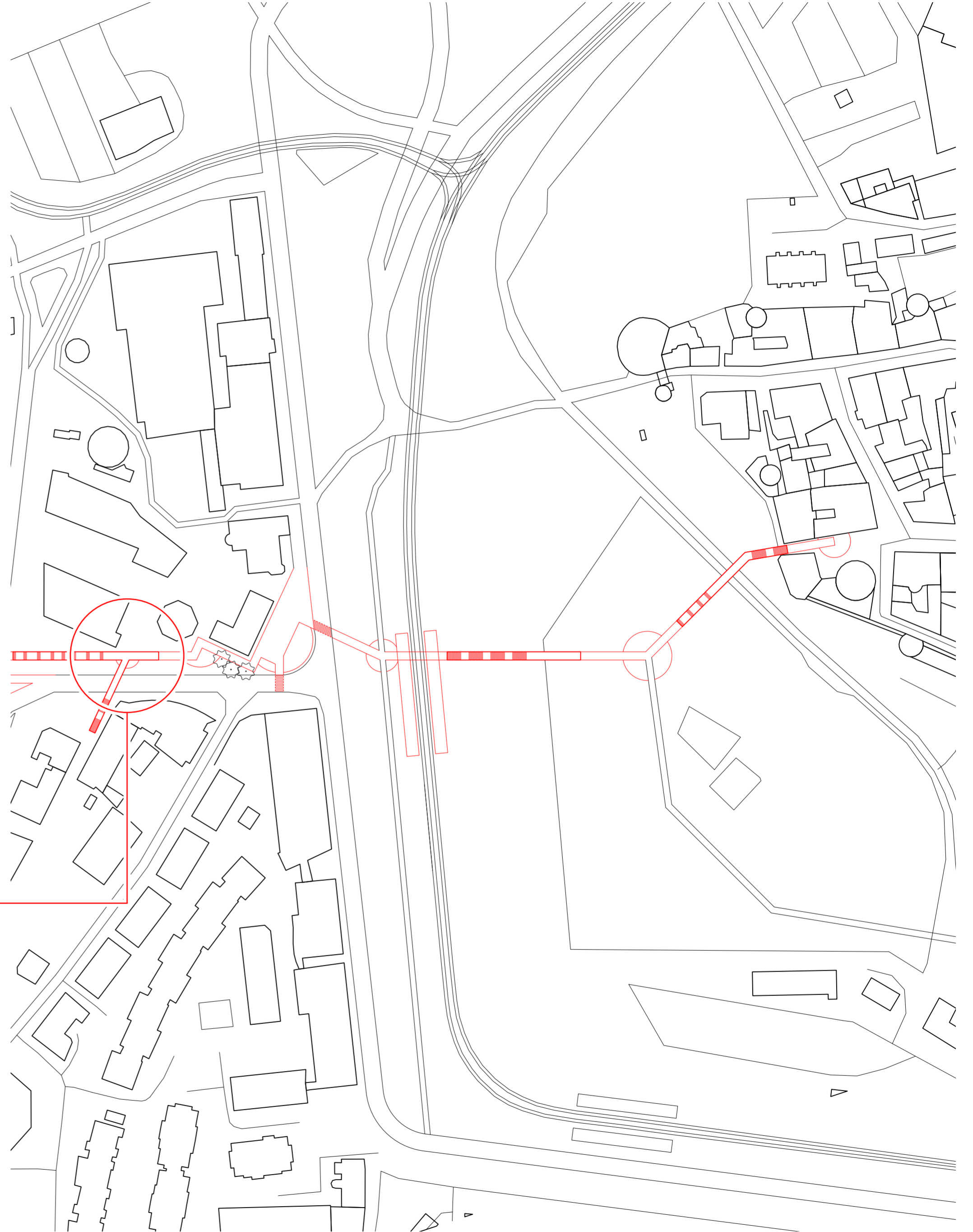
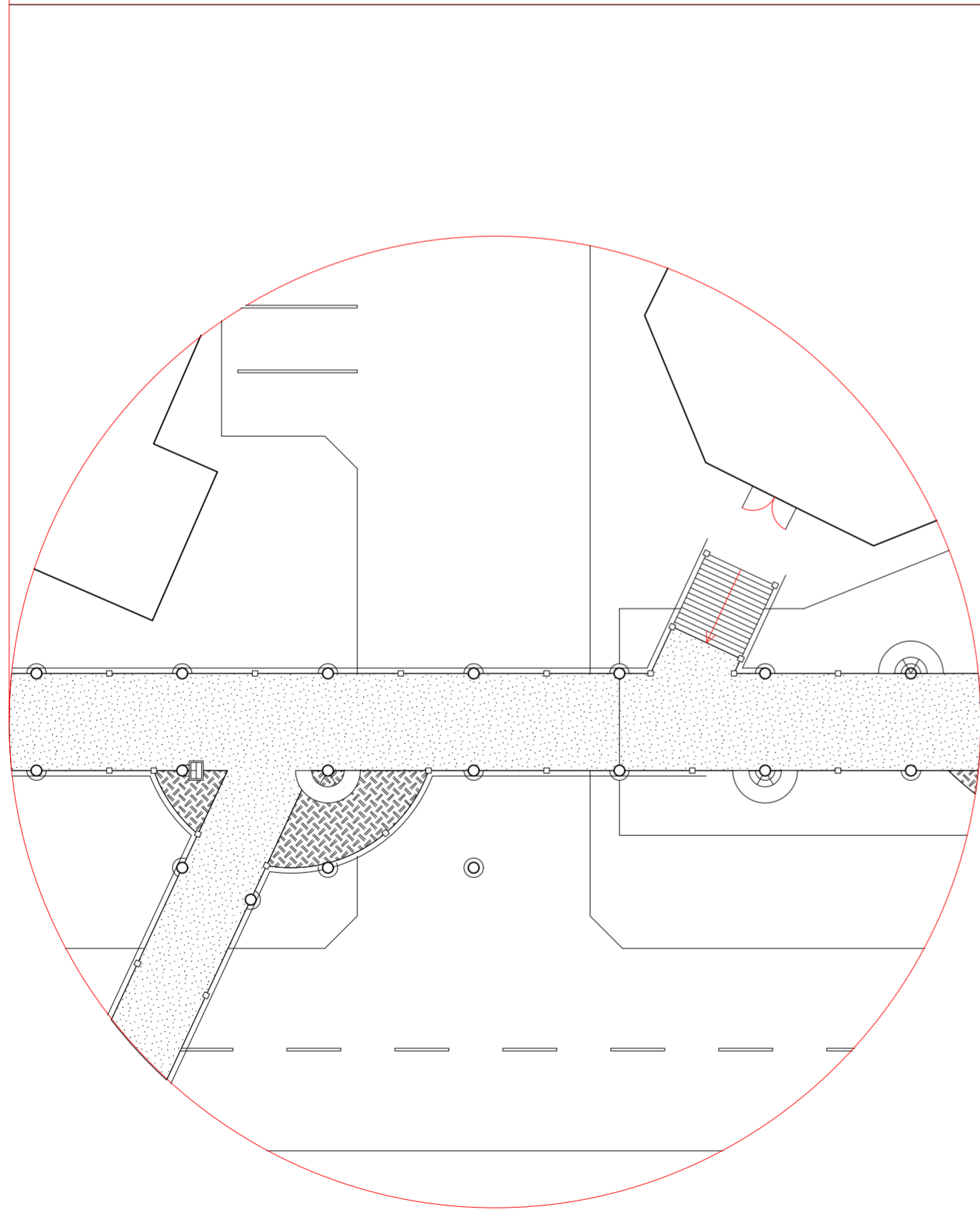
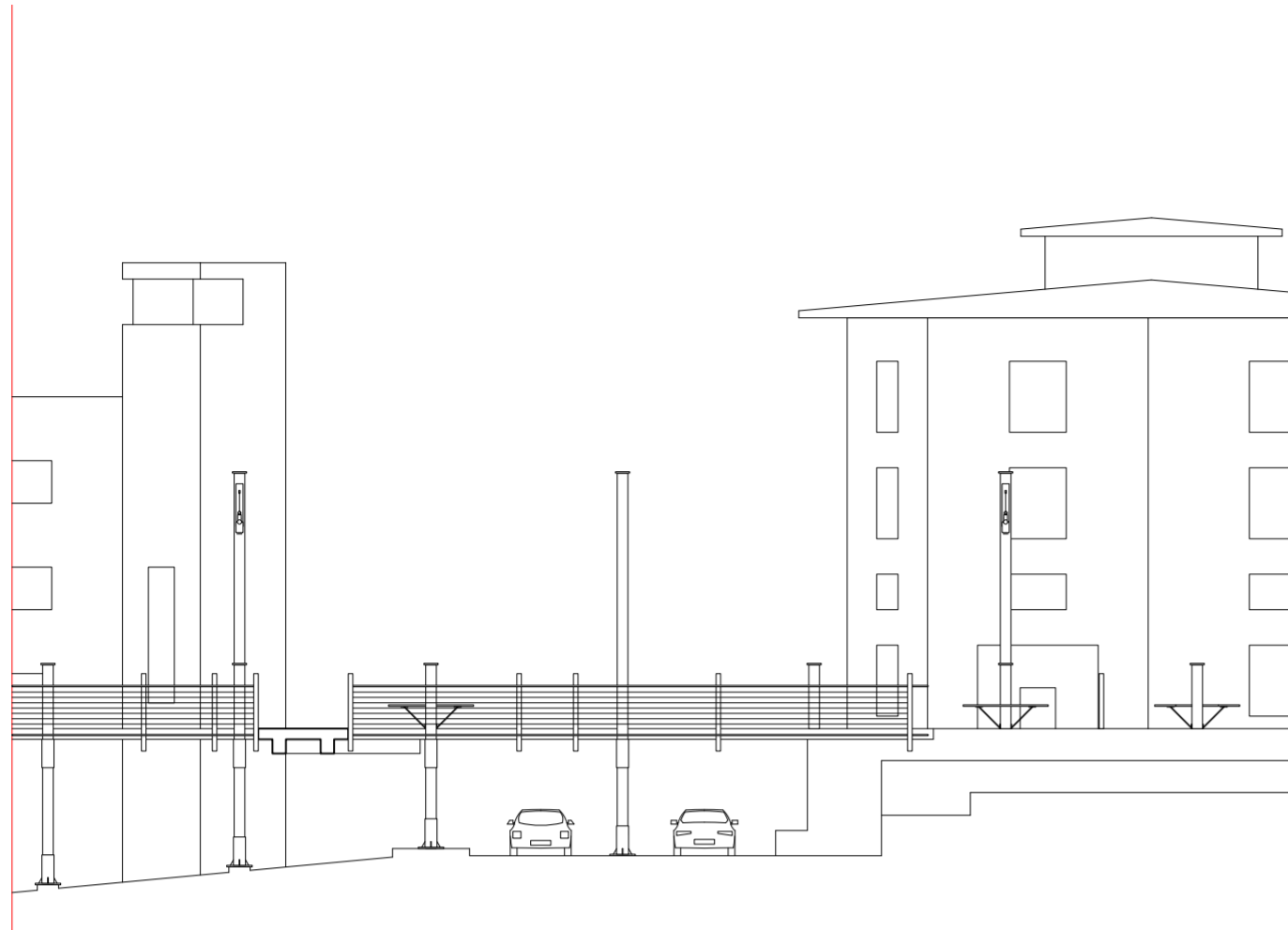
— existing — proposed



Plan site 1:1500

— existing — proposed

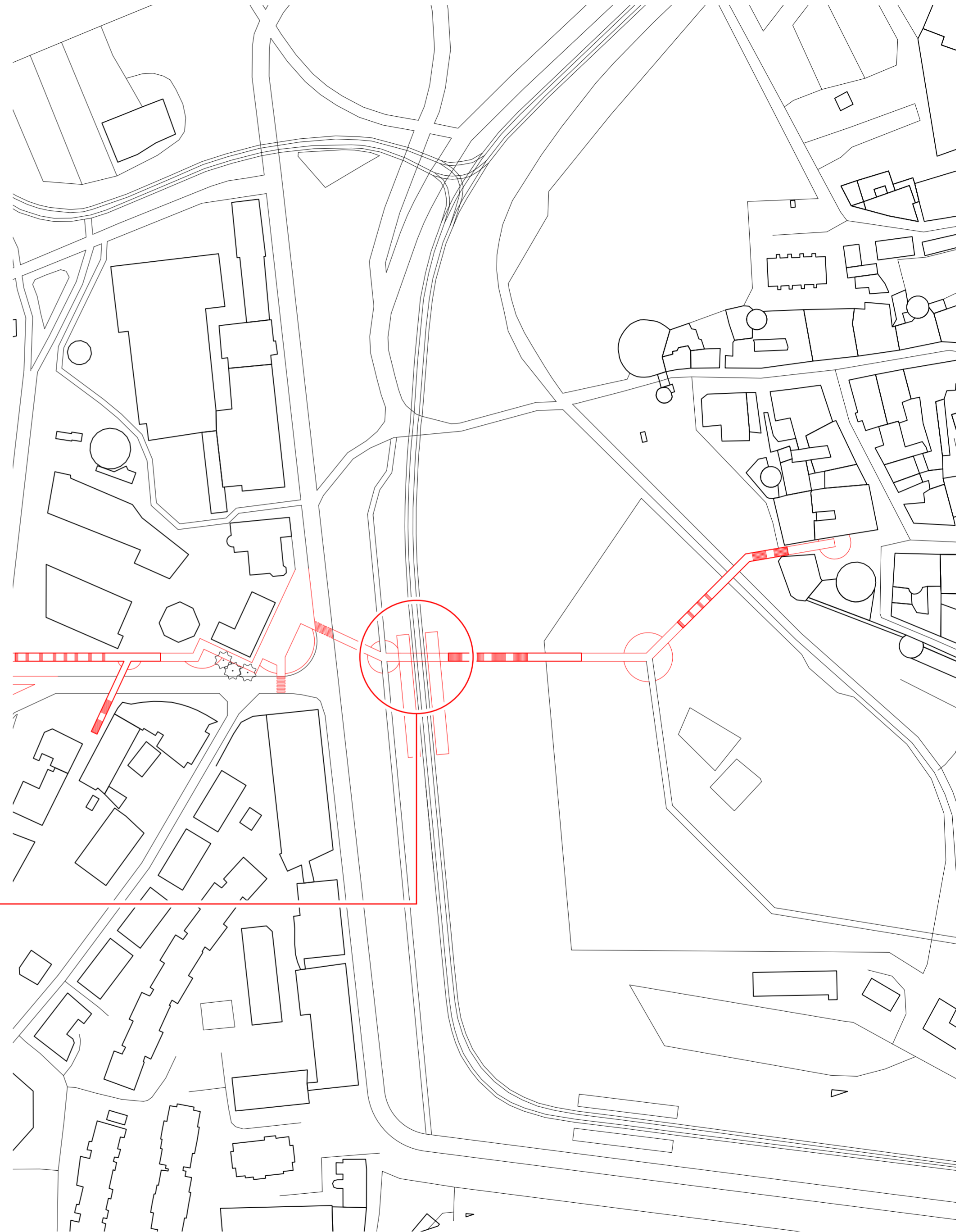
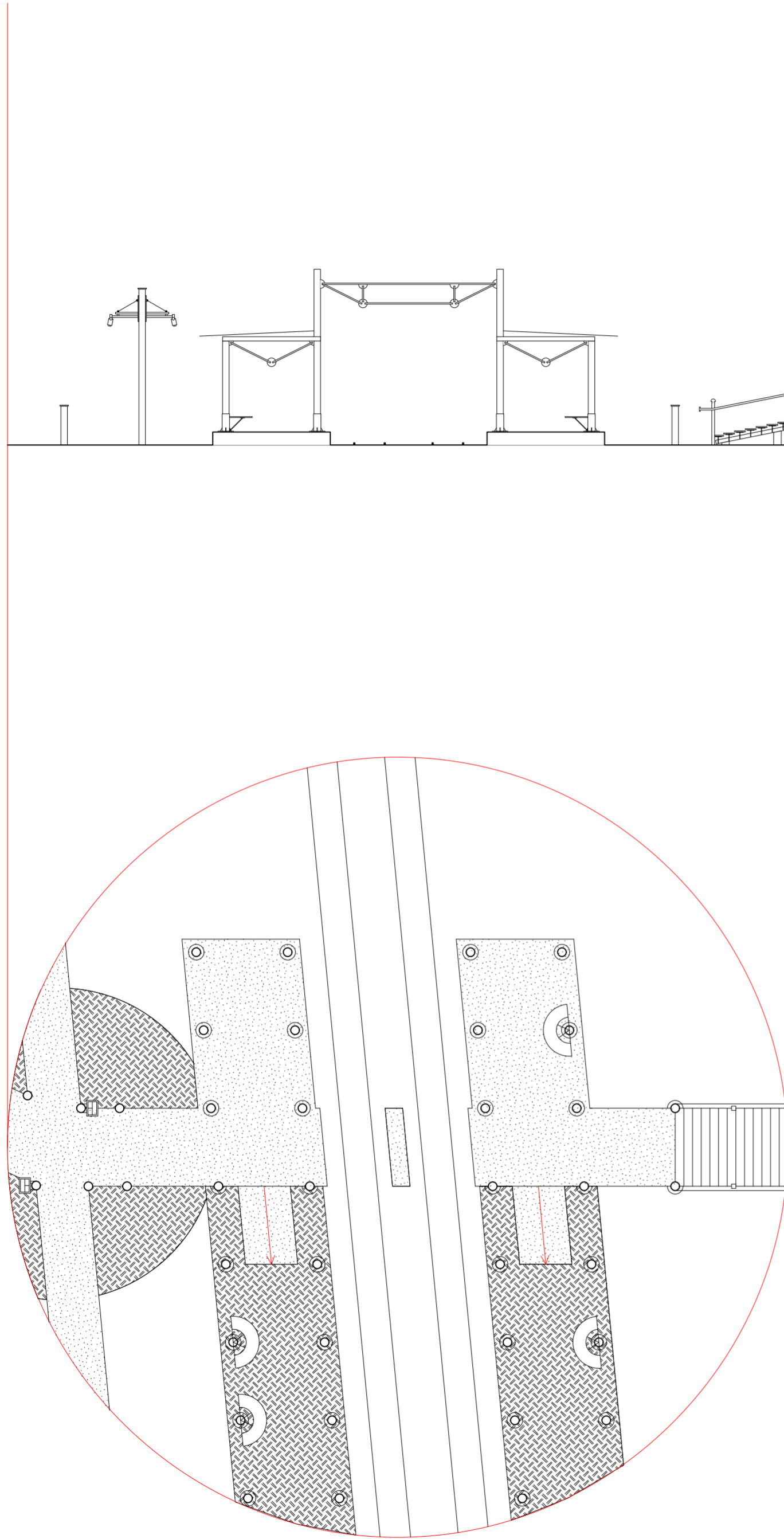
0 20m



Street fragments 1:200

0  10m

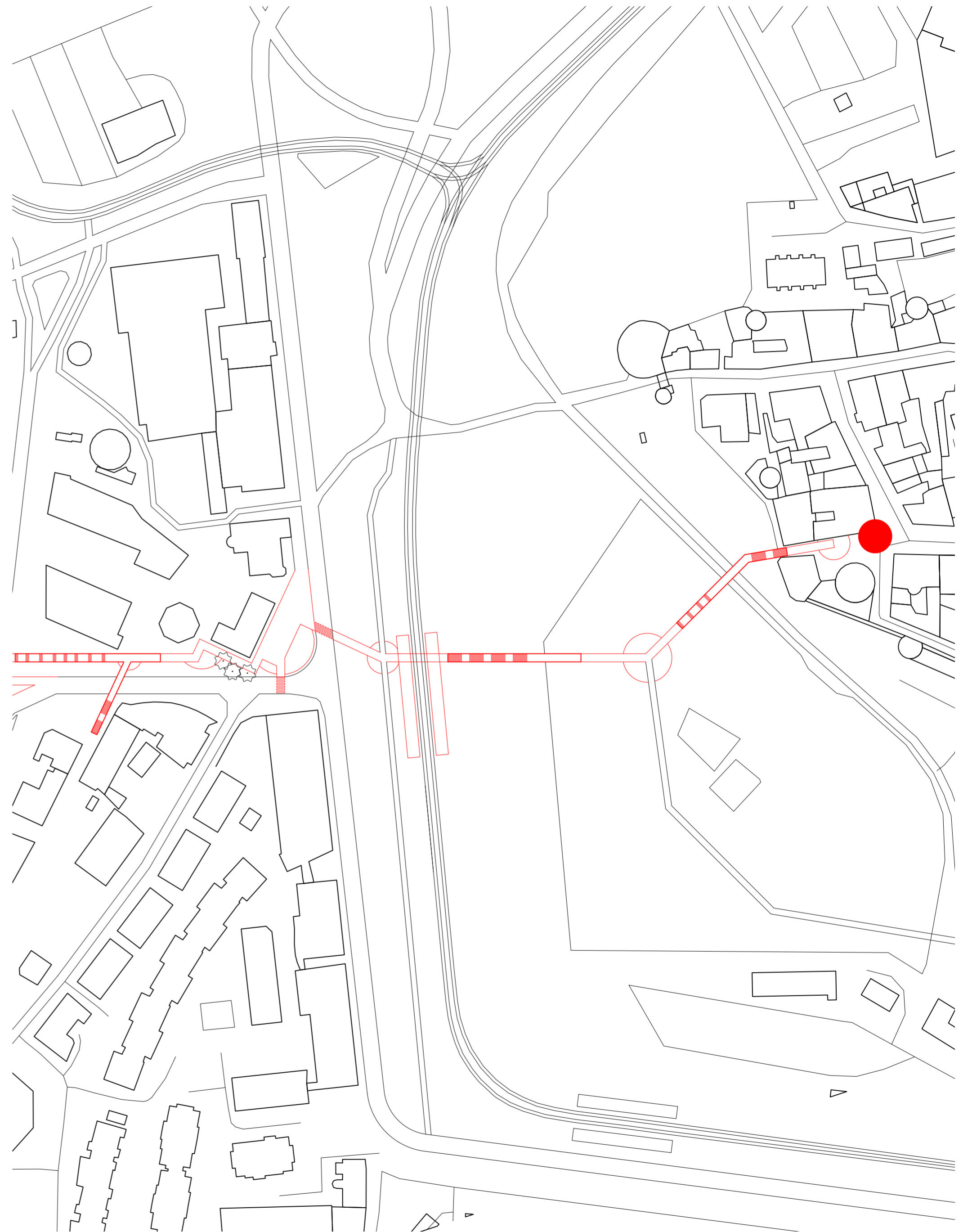
0  20m



Street fragments 1:200

0 10m

0 20m



Approaching from the old town, coming from Lai Street

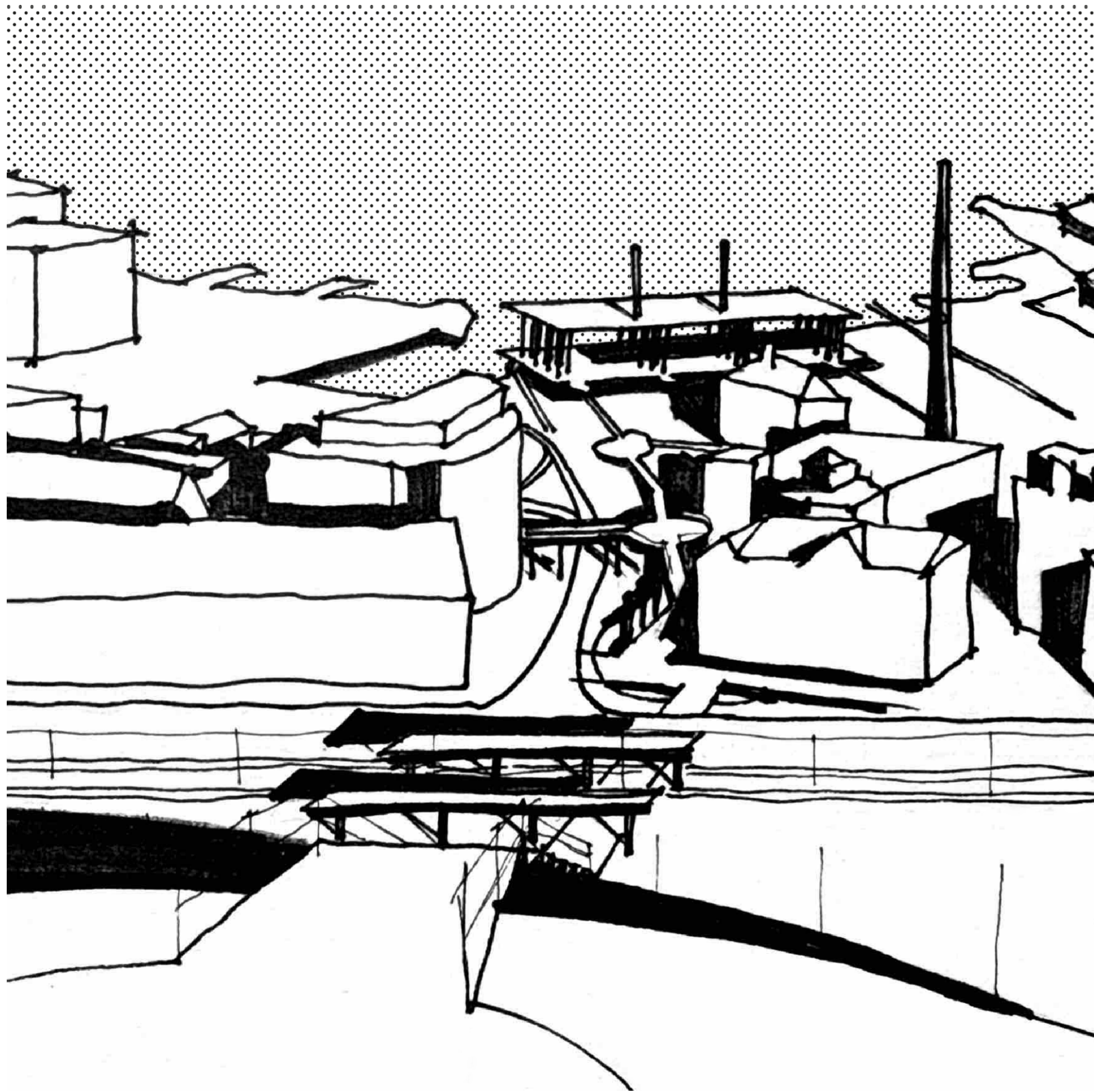
0 ——— 20m



Approaching from the old town, coming from Lai Street



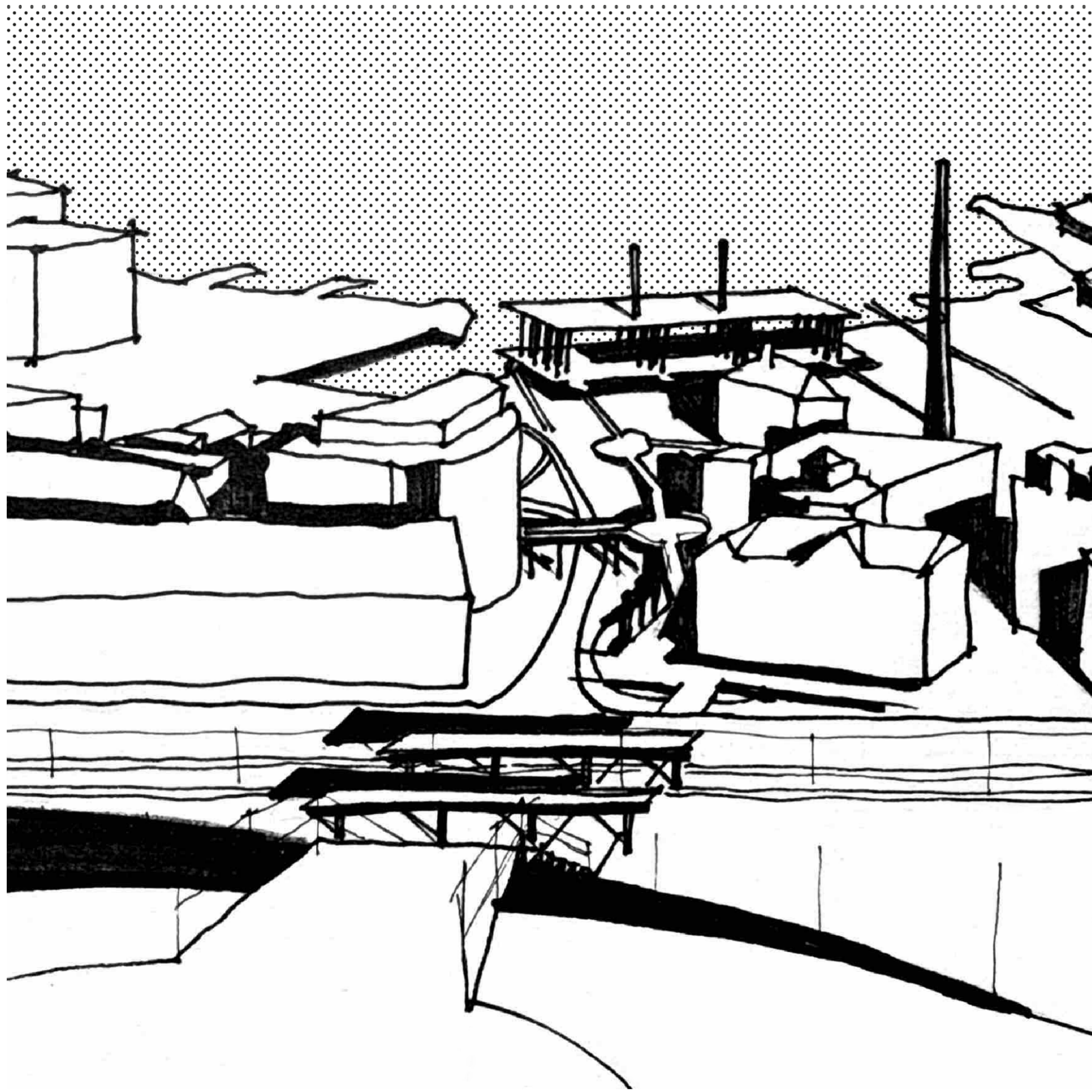
Muuga cargo port, Tallinn



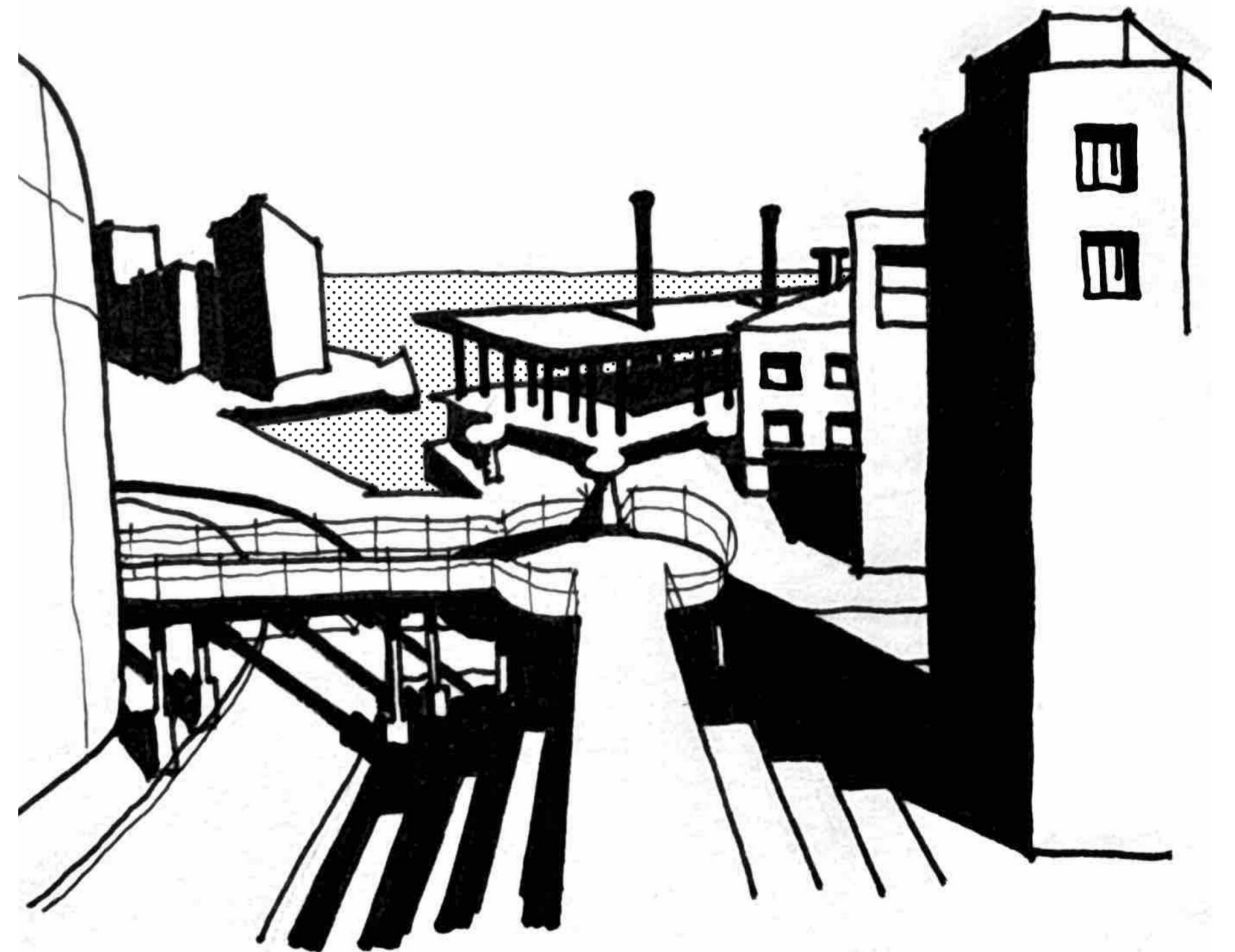
Descending on Rannamägi hill



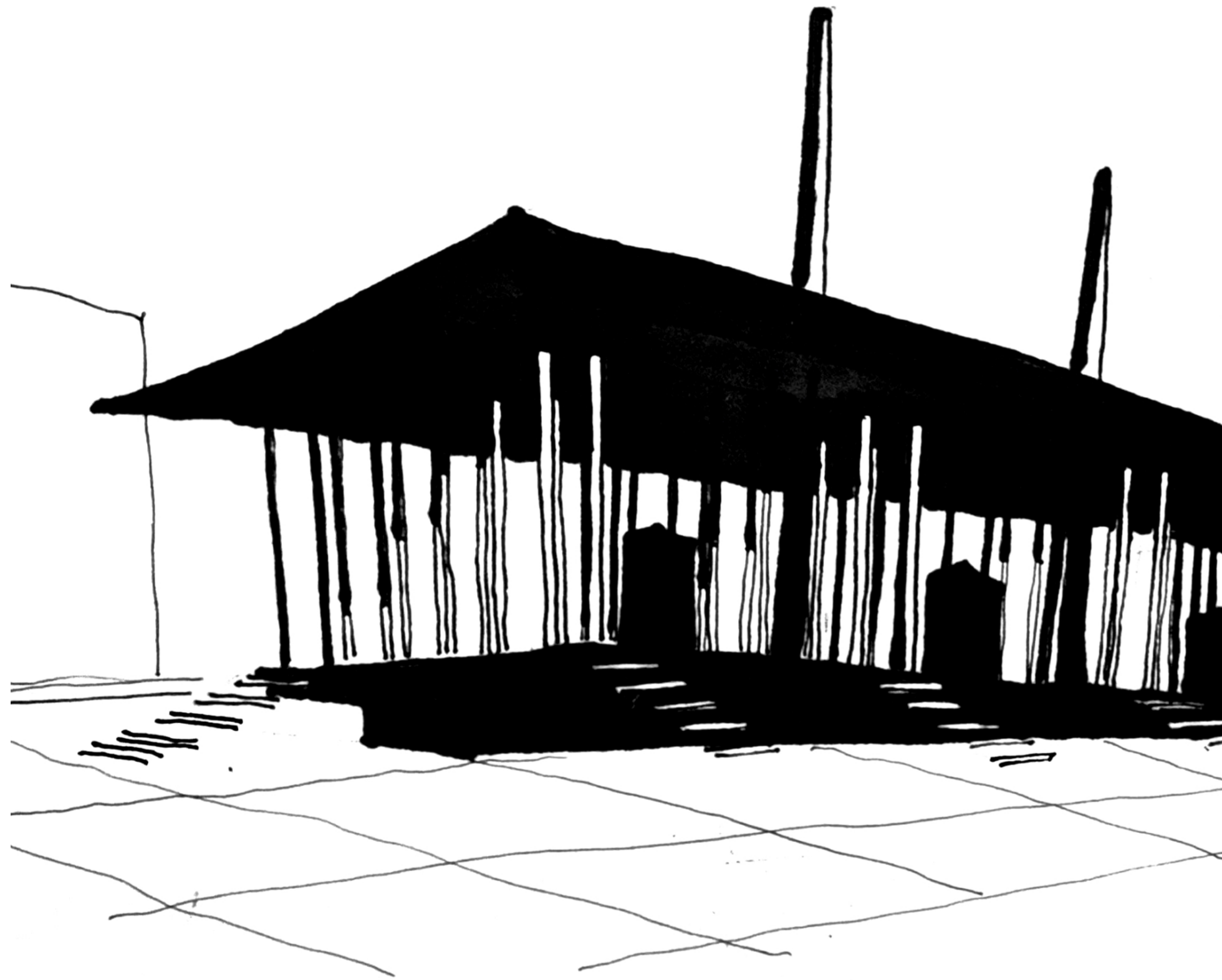
Muuga cargo port, Tallinn



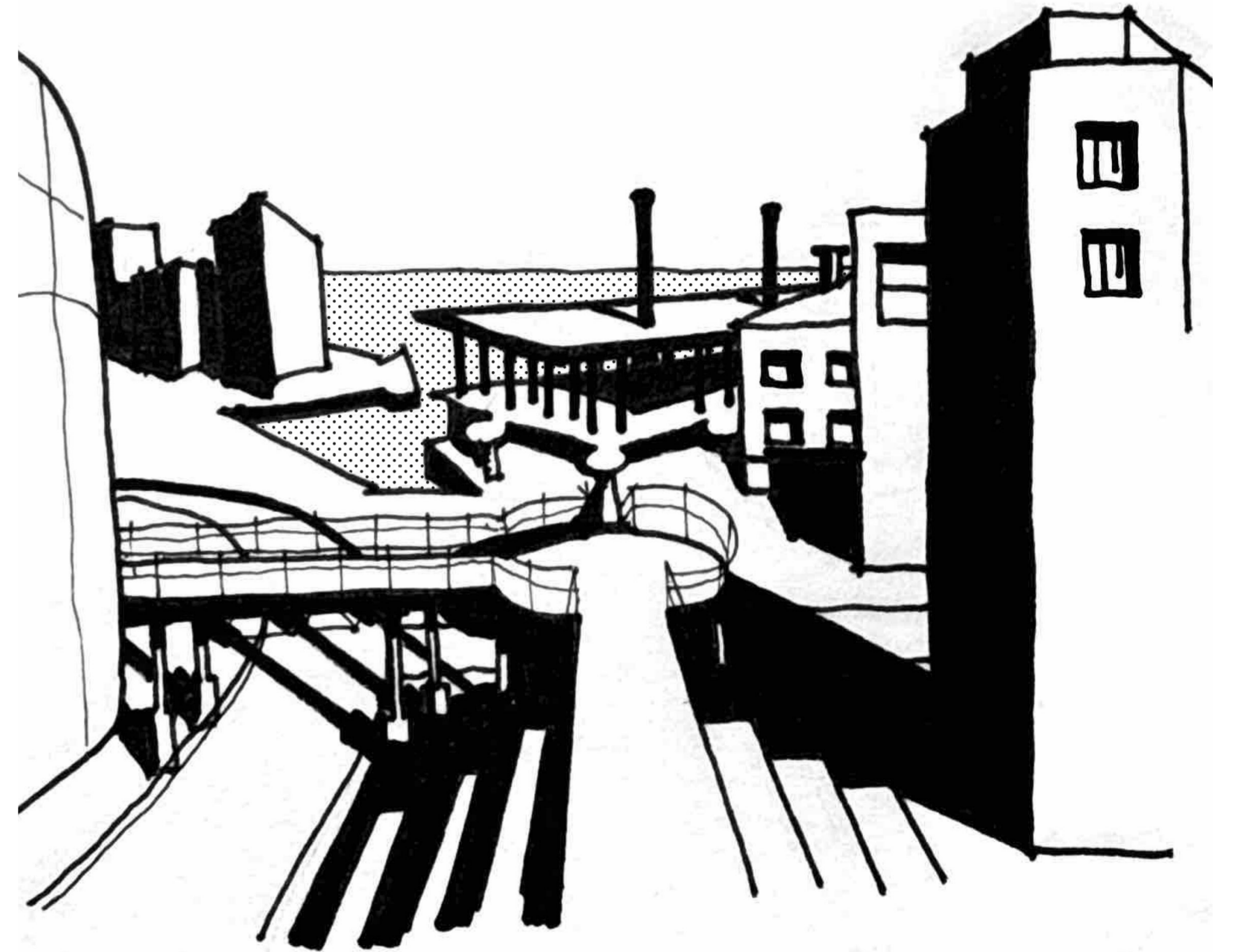
Descending on Rannamägi hill



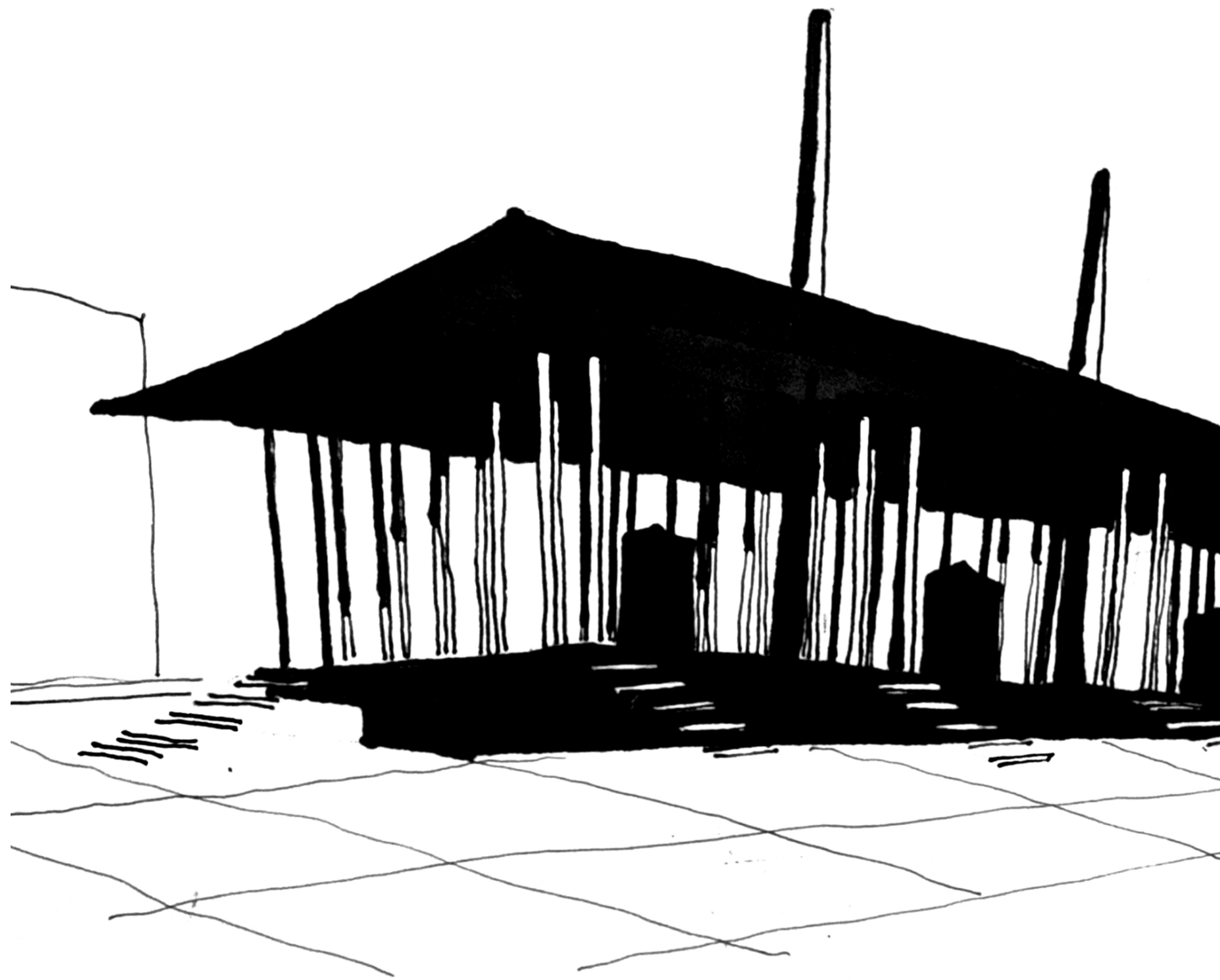
Going down on Kalasadama Street



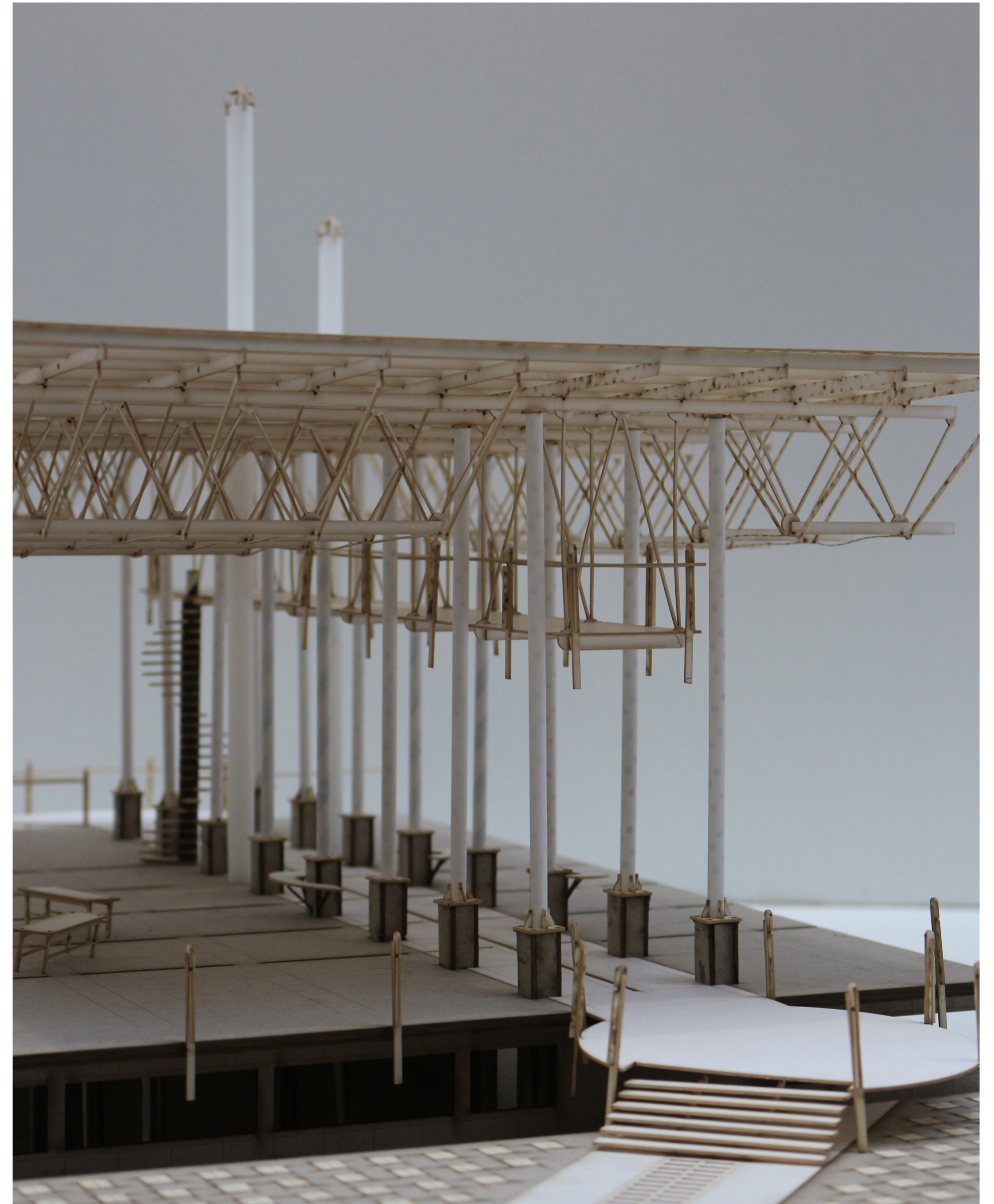
Approaching the market



Going down on Kalasadama Street

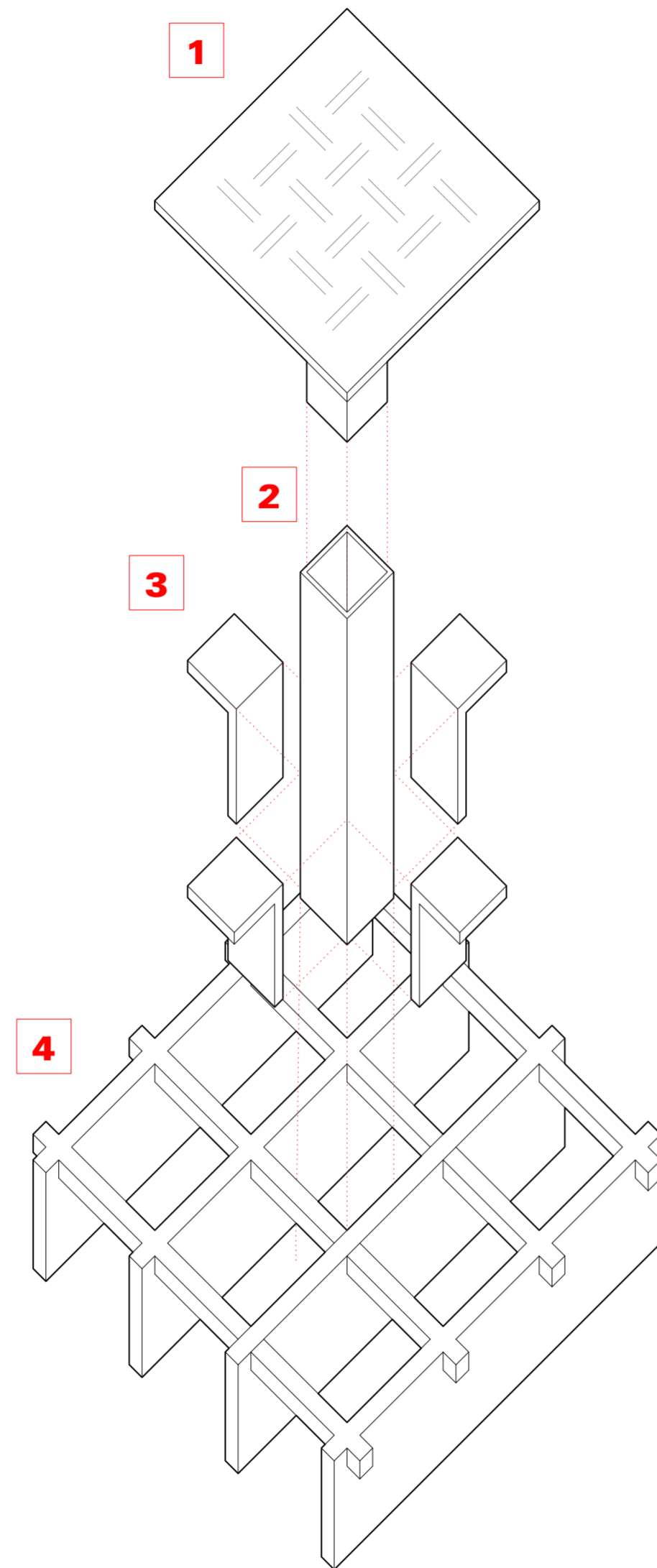


Approaching the market



Approaching the floating stairs

- 1** 300x300mm
steel chequered plate end cap
- 2** 73x73mm
steel square hollow section
- 3** 127x76x12.7mm
unequal angles welded
- 4** 130mm deep 150x150mm
steel welded grid

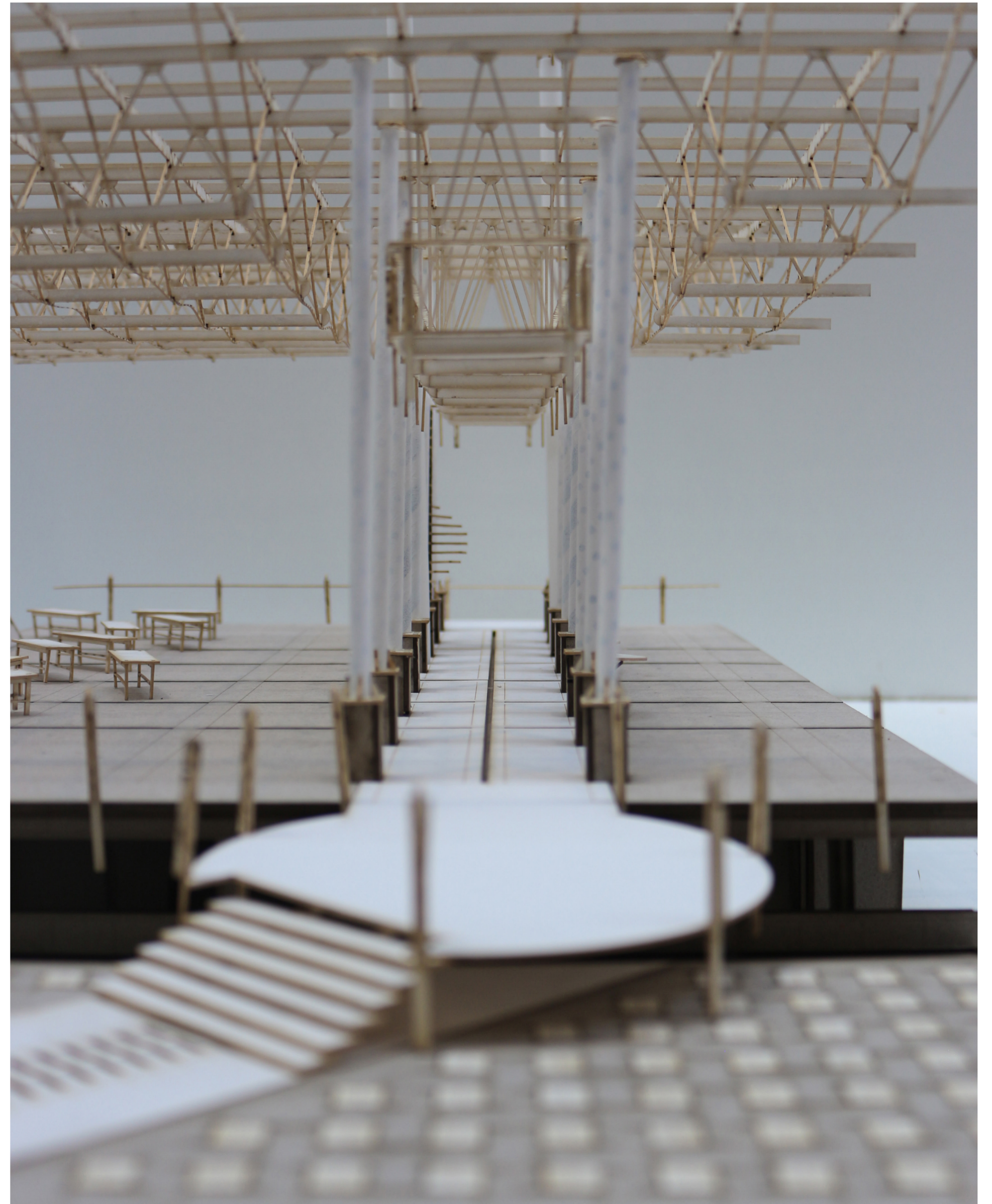
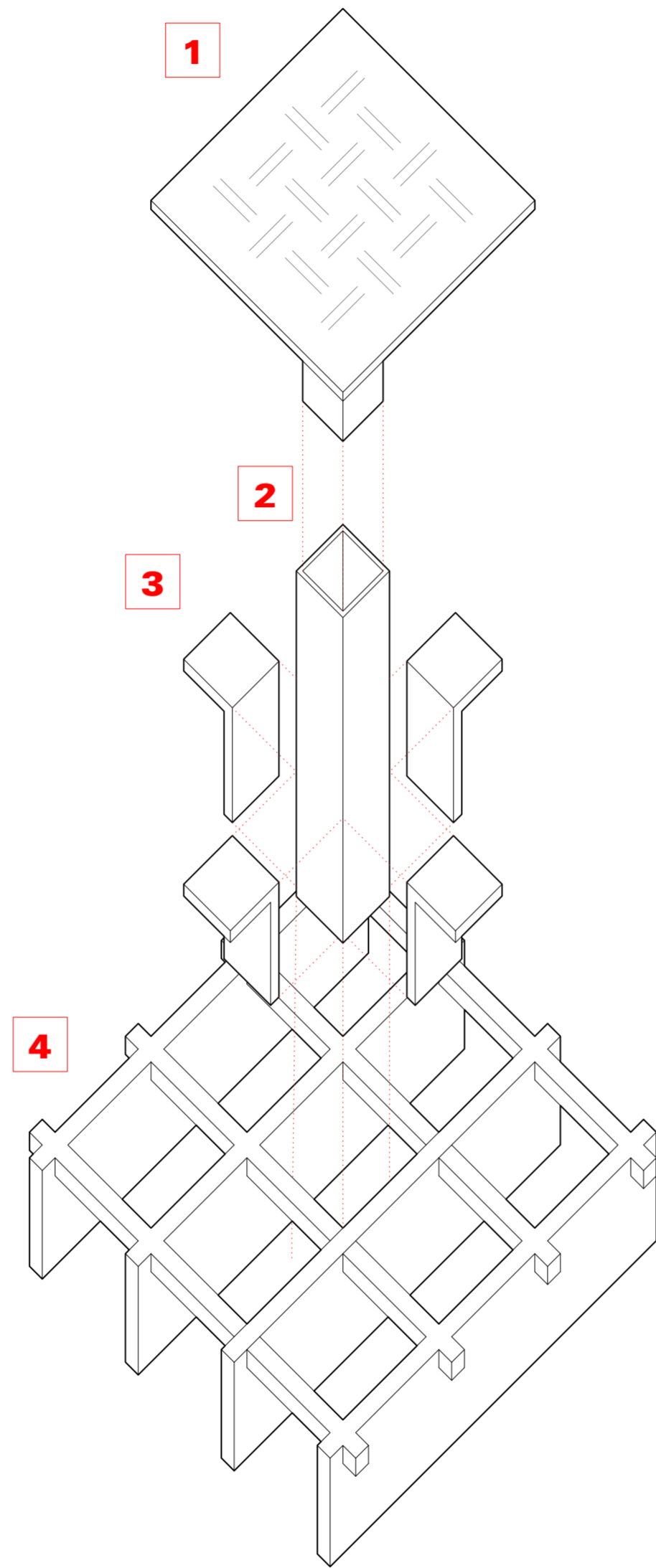


Steel reinforced ground pavement



Approaching the floating stairs

- 1** 300x300mm
steel chequered plate end cap
- 2** 73x73mm
steel square hollow section
- 3** 127x76x12.7mm
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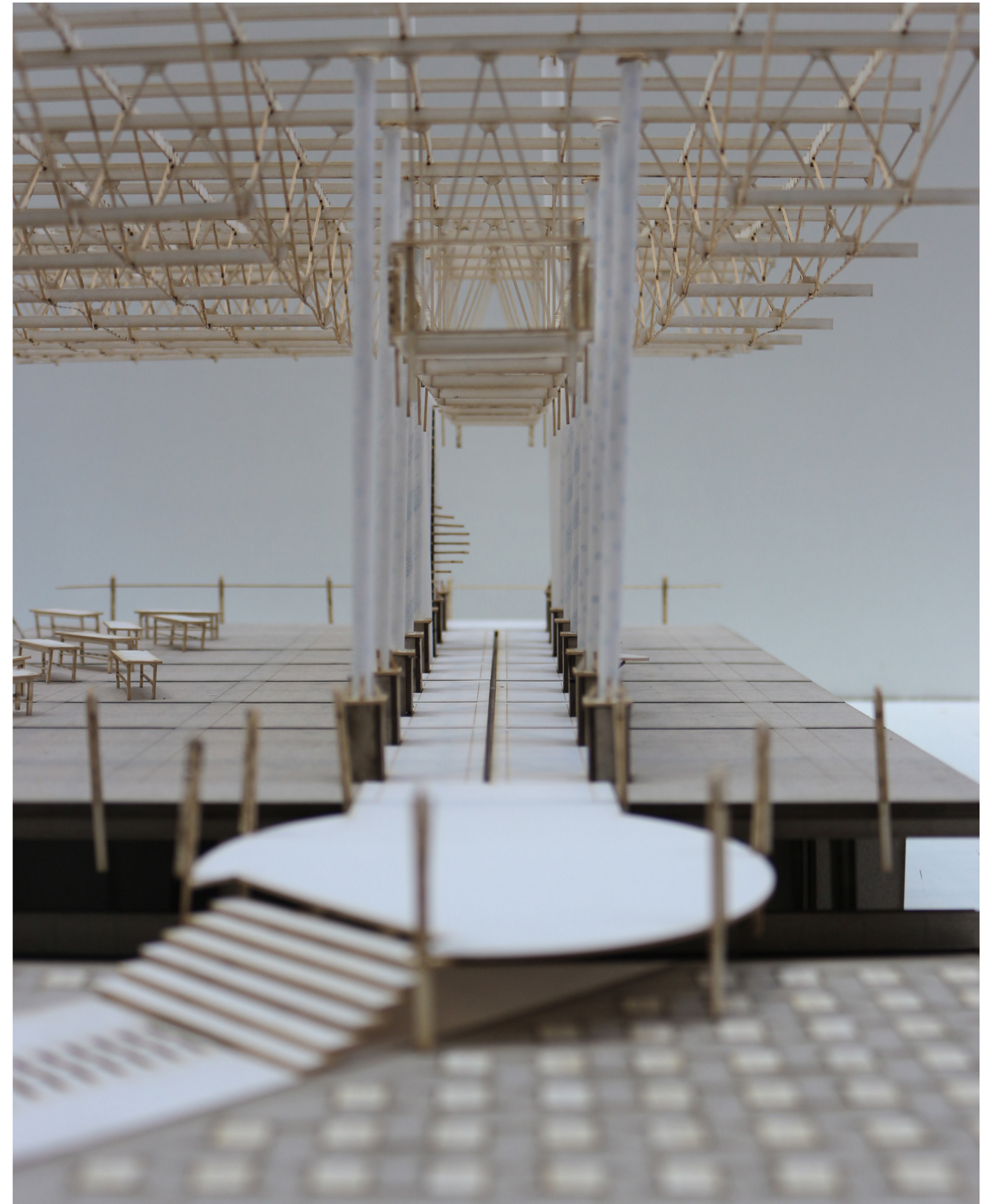


Steel reinforced ground pavement

Going inside the column corridor



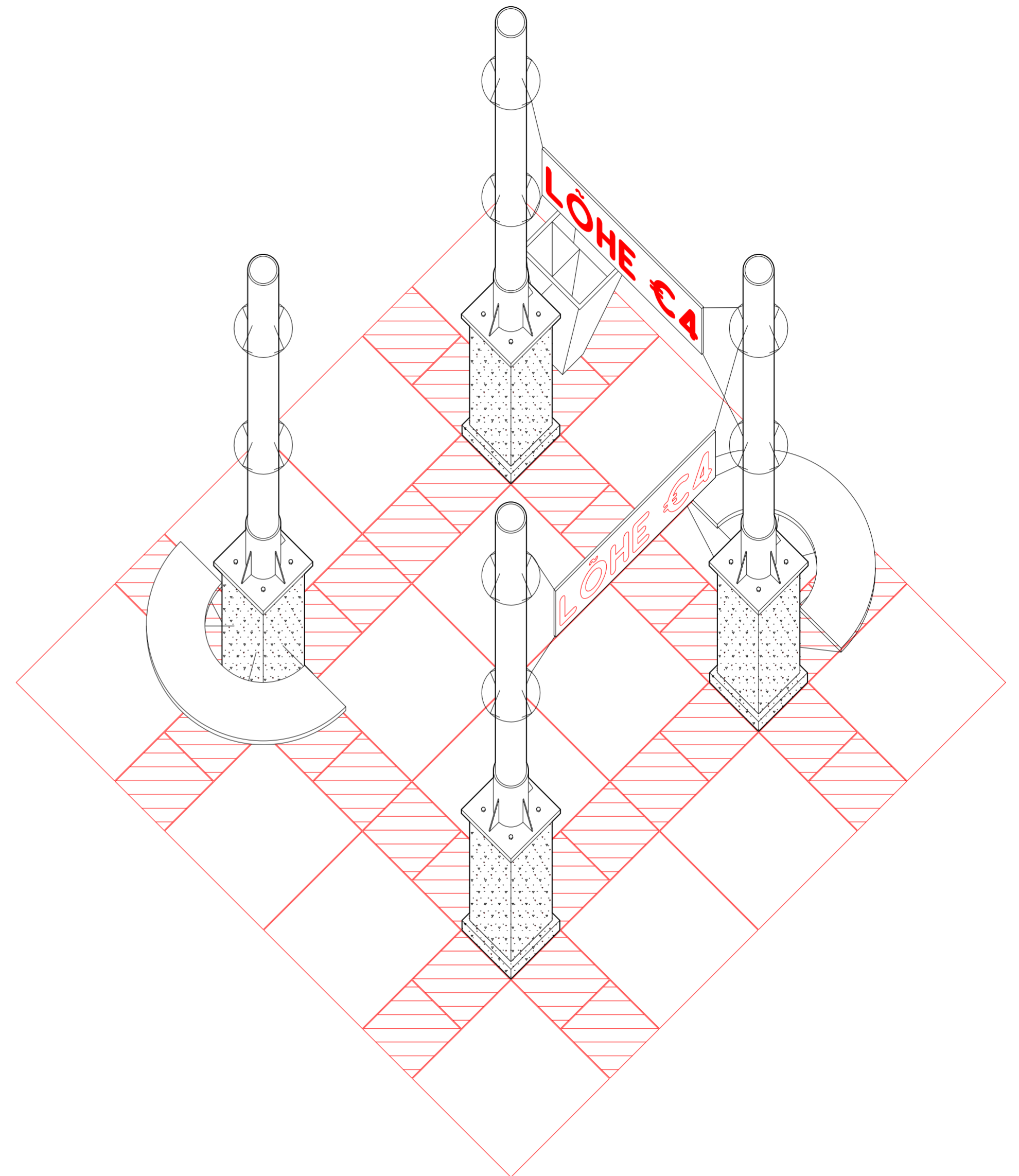
Turning towards the market hall



Going inside the column corridor



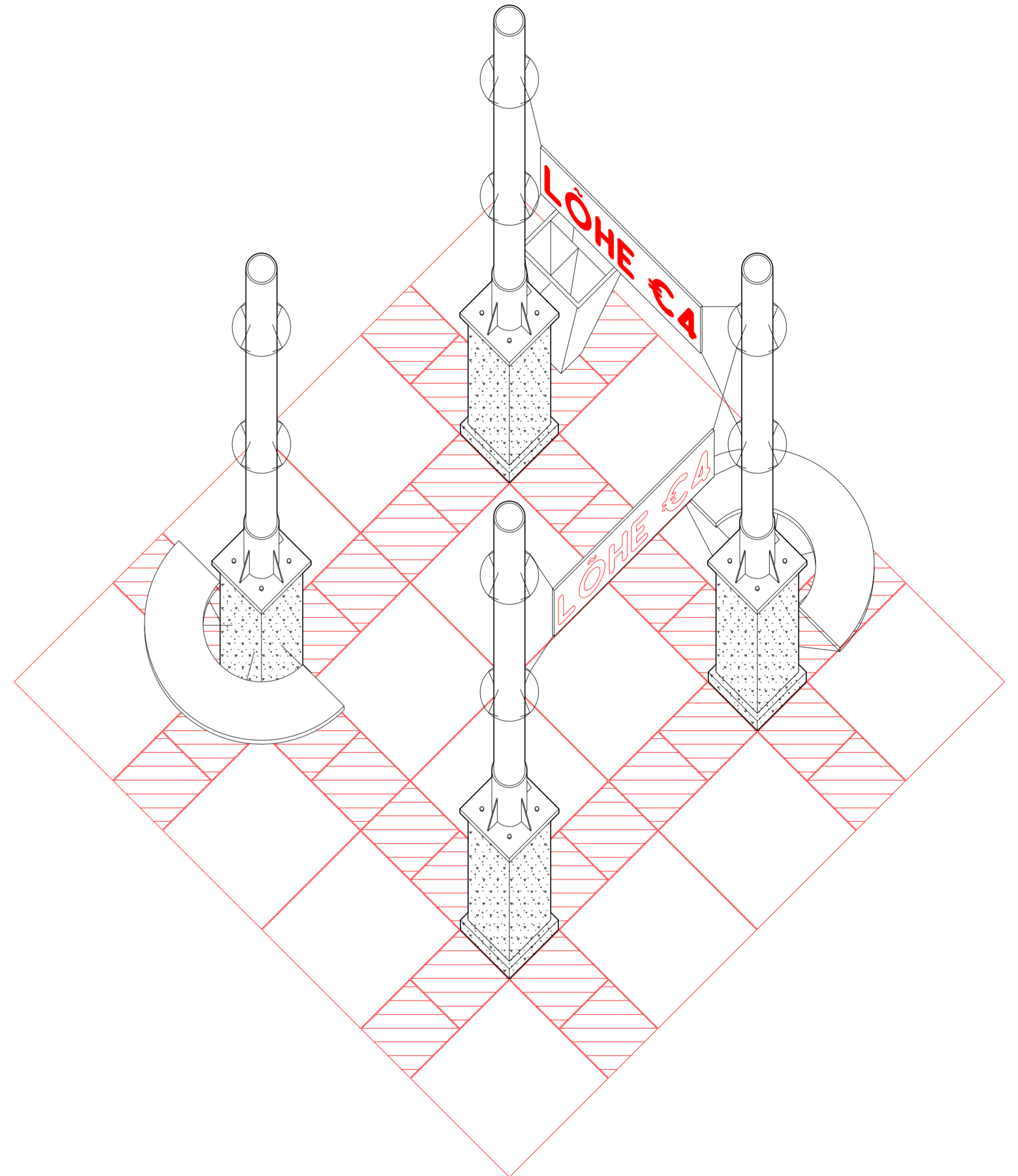
Turning towards the market hall



Column module 1:40



Inside the market hall



Column module 1:40



Inside the market hall



Rooms by the sea / Edward Hopper

street, sea, fish

a fish market for Tallinn, making the working coast part of the city



Rooms by the sea / Edward Hopper

street, sea, fish

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A Matter of Scale Graduation Studio 2025-26