

Reimagine a Factory



5. Posters

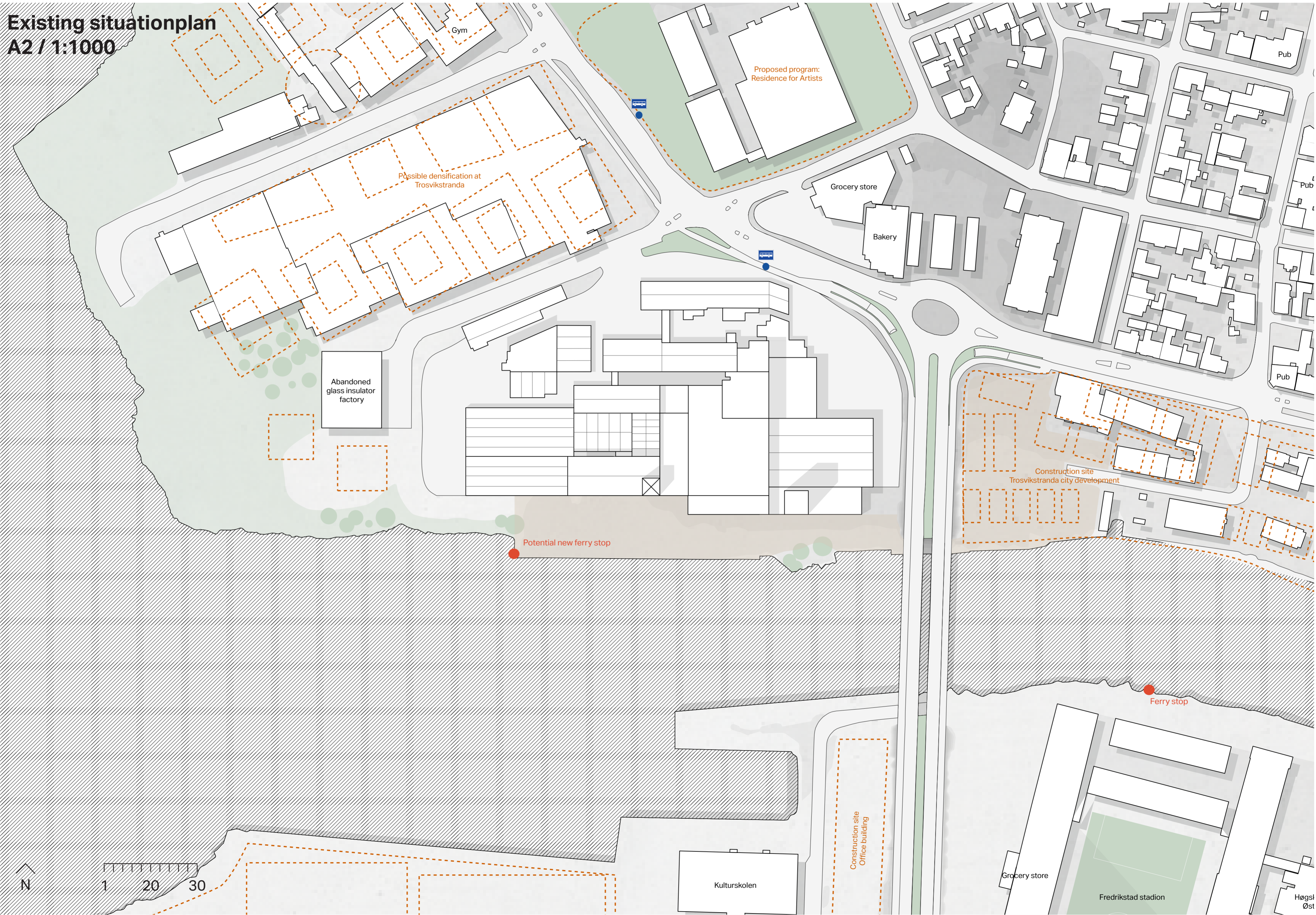
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Oslo School of Architecture and Design (AHO)*

Existing situation plan
A2 / 1:1000



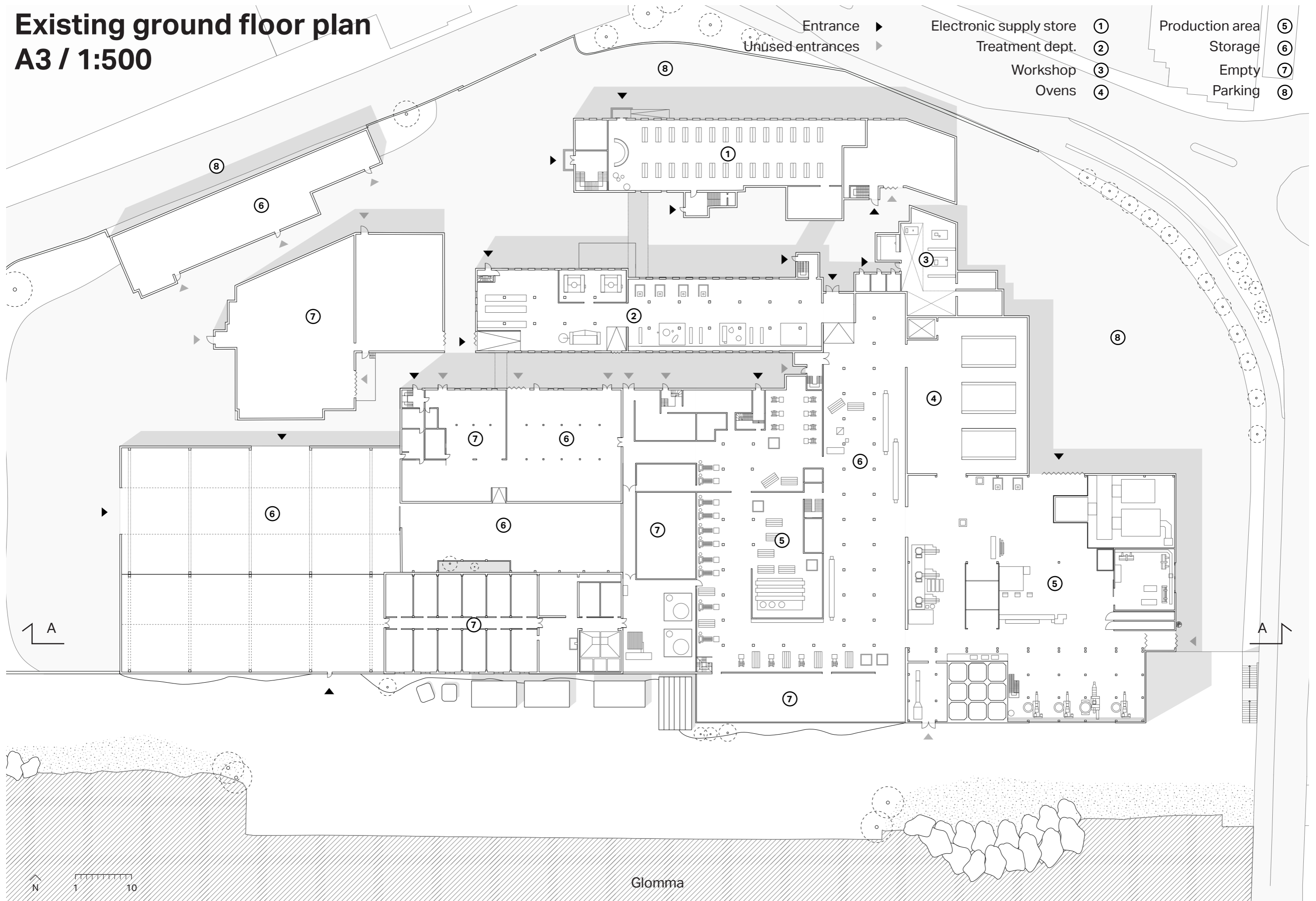
Existing ground floor plan

A3 / 1:500

Entrance ▶
Unused entrances ▶

- Electronic supply store ①
- Treatment dept. ②
- Workshop ③
- Ovens ④

- Production area ⑤
- Storage ⑥
- Empty ⑦
- Parking ⑧



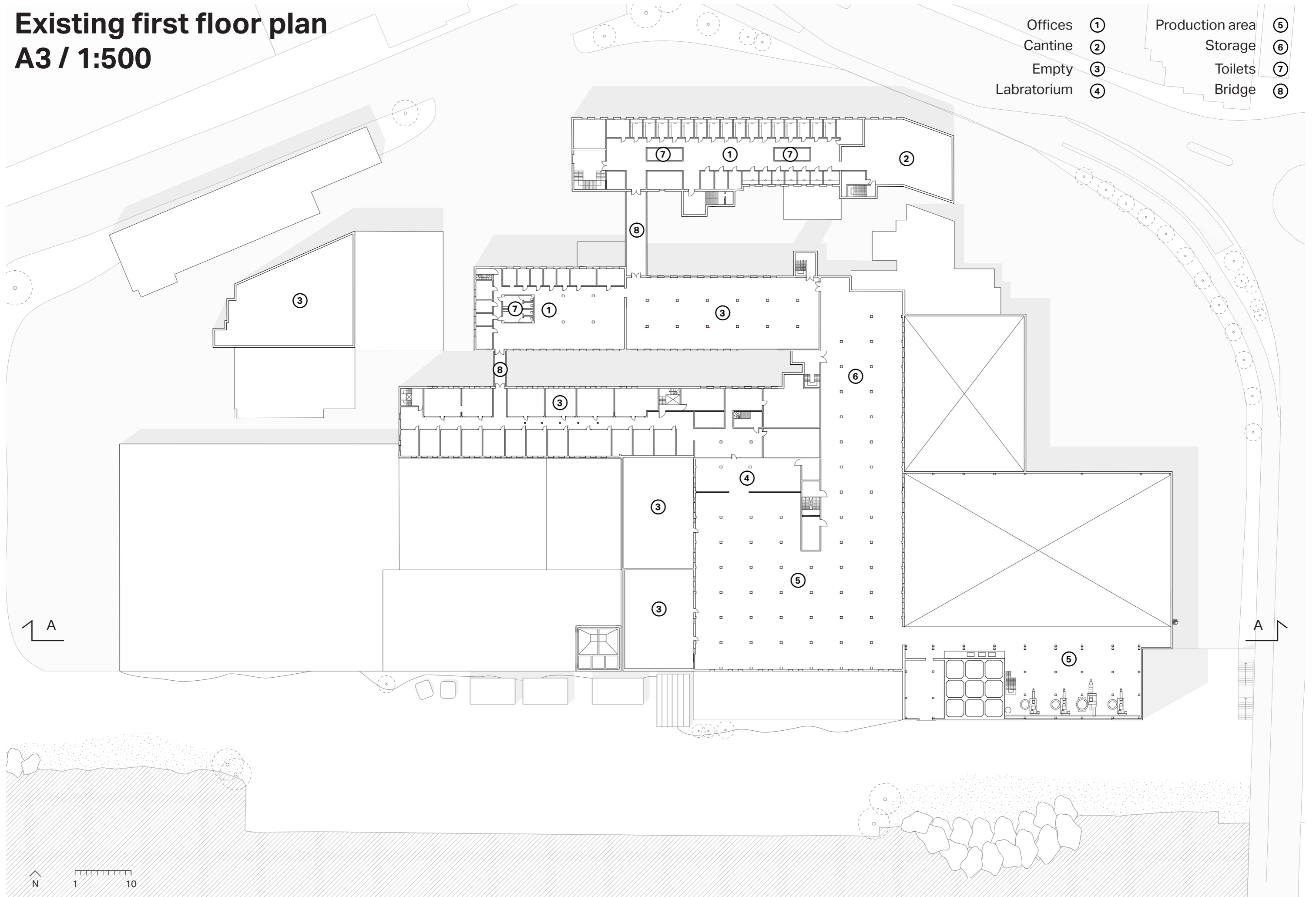
Glomma

N
1 10

Existing first floor plan

A3 / 1:500

- | | | | |
|-------------|---|-----------------|---|
| Offices | ① | Production area | ⑤ |
| Cantine | ② | Storage | ⑥ |
| Empty | ③ | Toilets | ⑦ |
| Labratorium | ④ | Bridge | ⑧ |

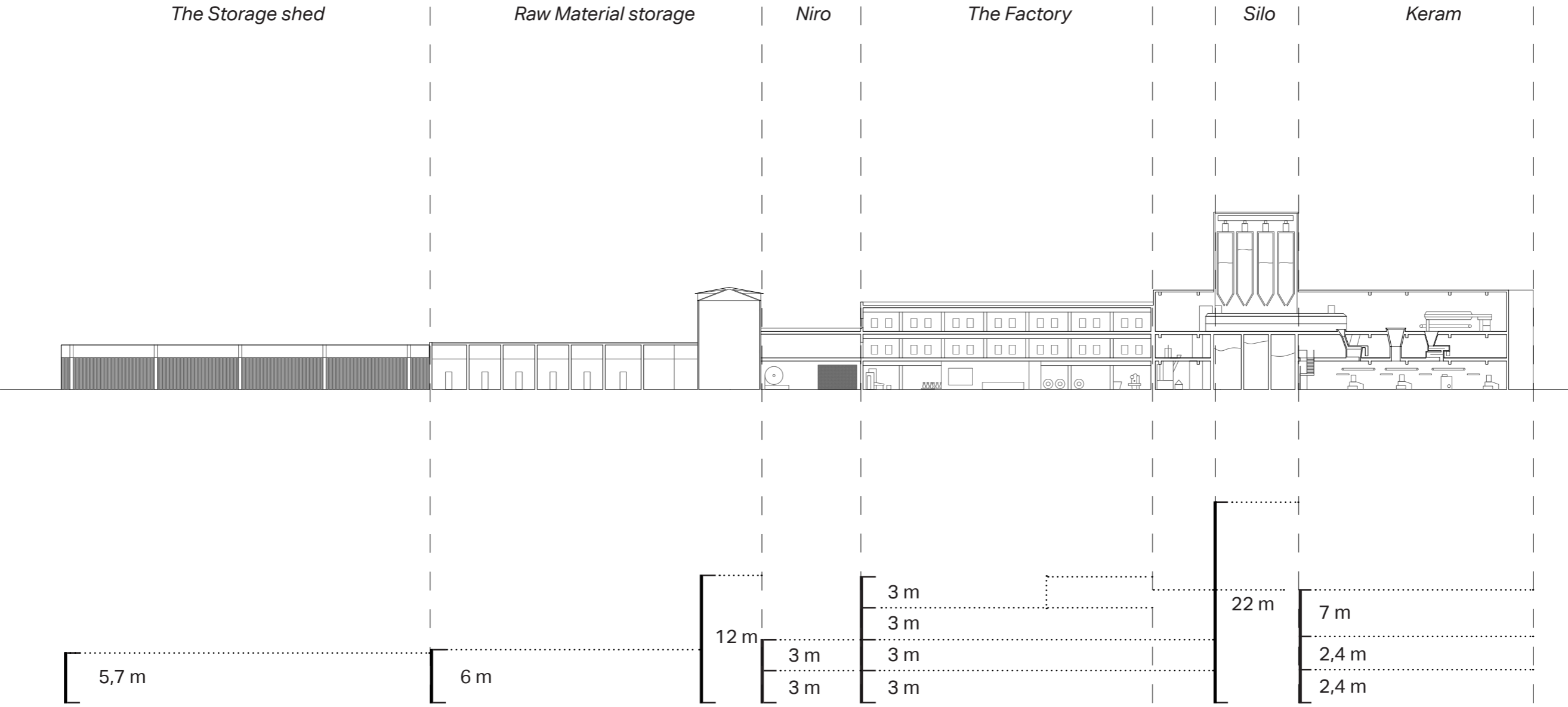


A

A

N
1 10

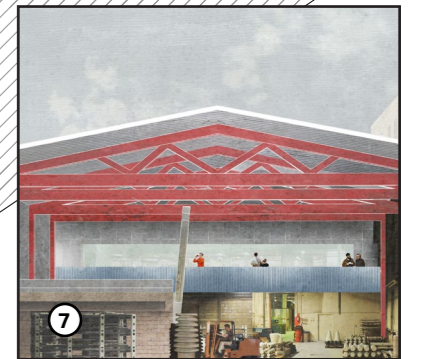
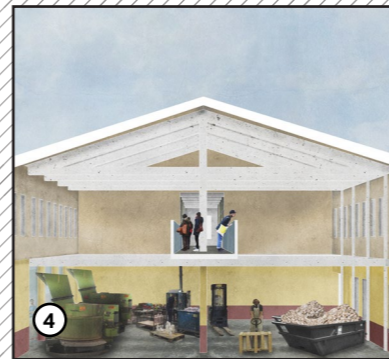
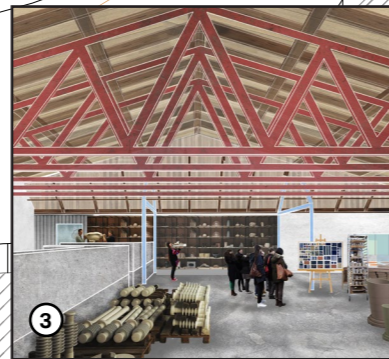
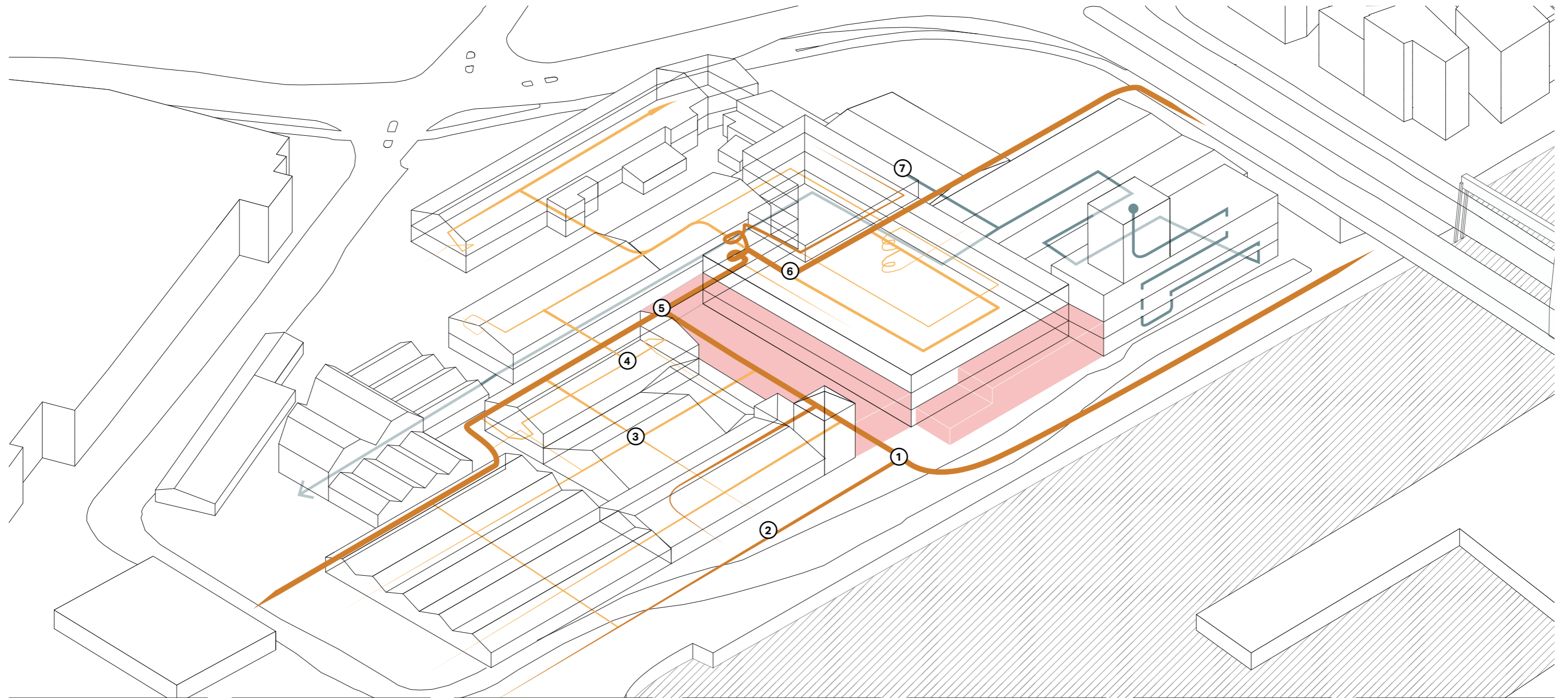
Section AA
A3 / 1:500



Preservation strategy

The Artery as the mediator between private and public spaces

- Public path (artery) ●
- Semi-public path (vein) ●
- Production line ●
- Removed buildings ●



Strategies

Gradually development of the site Concept and time span



First year
The Artery
*Create an attractive
riverfront*

Niro building



1 - 5 years
Continuation of the Artery
Make the buildings public

The Raw Material storage
The shed
The Composite building



5 - 10 years
New access point

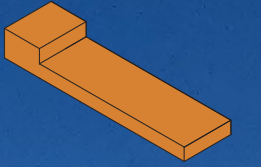


15 - 20 years
*Extension of the Artery into
the factory*

The Factory
The Ovens

Strategy _____ First year

Removal of the Niro building - Create an attractive riverfront

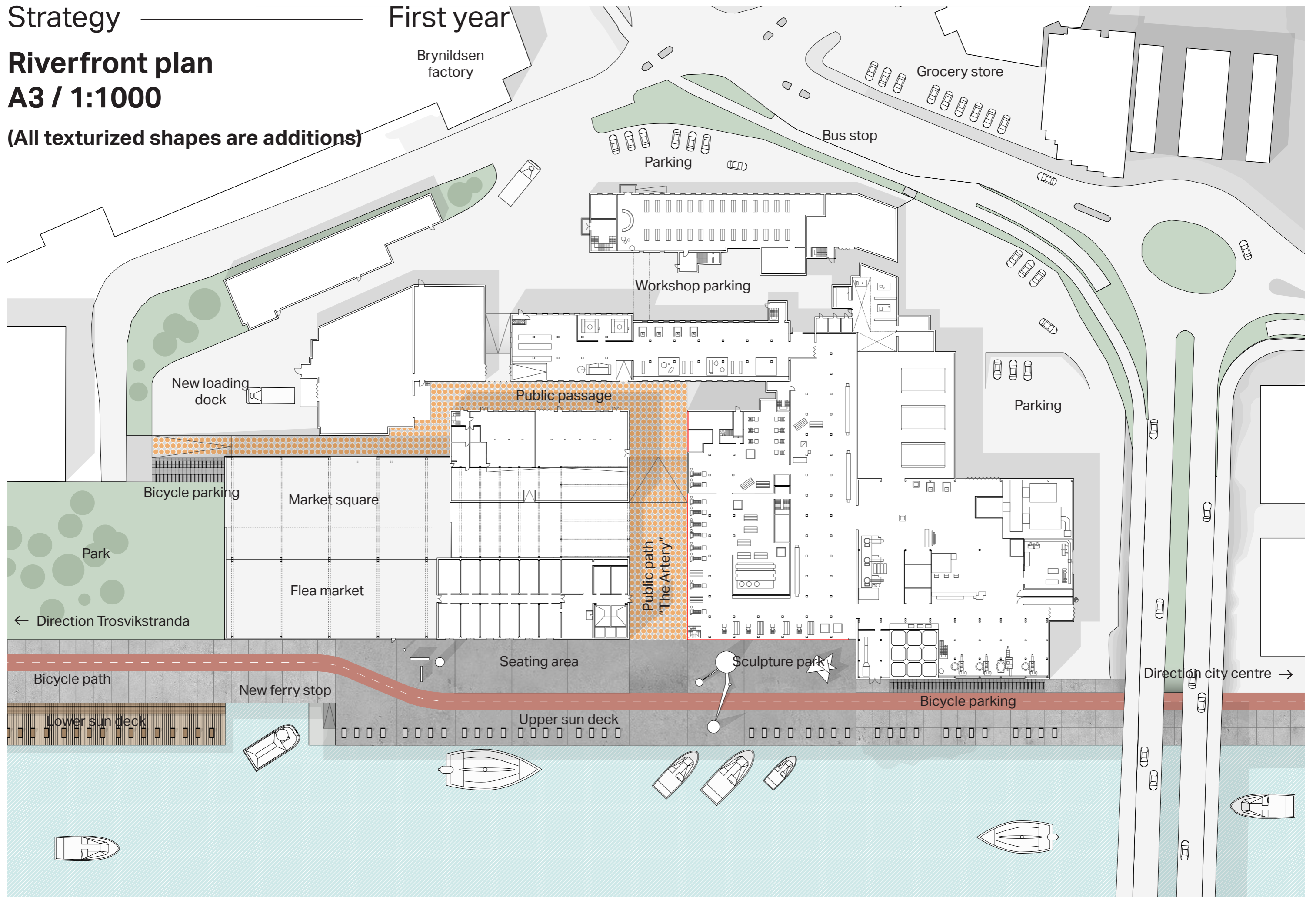


Strategy

First year

Riverfront plan A3 / 1:1000

(All texturized shapes are additions)



Strategy

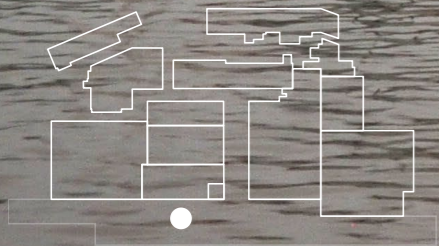
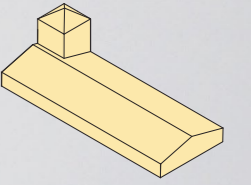
First year

Illustration
Riverfront



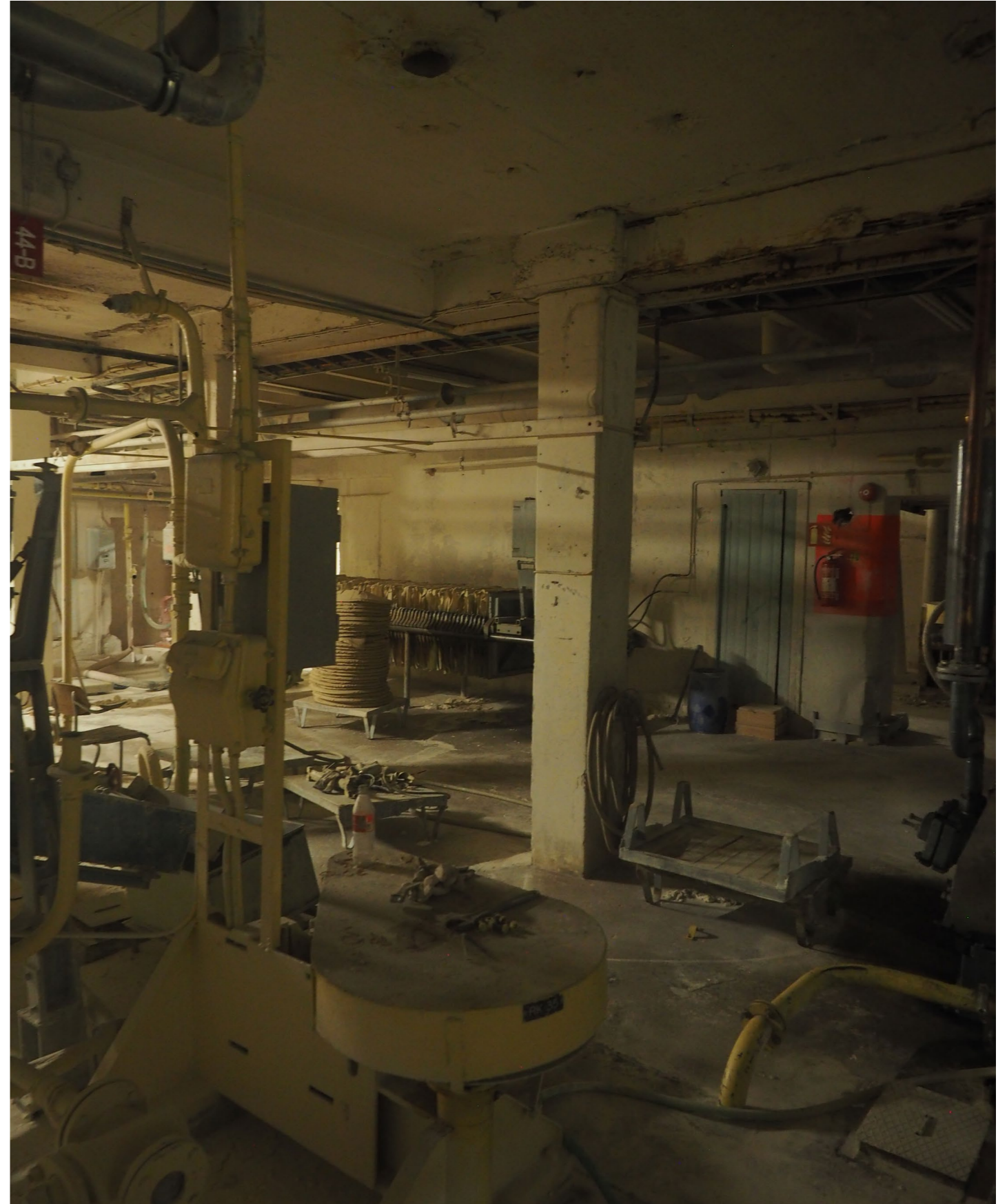
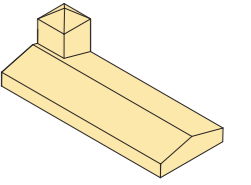
Strategy _____ 1 - 5 years

The Raw Material storage becomes THE GALLERY



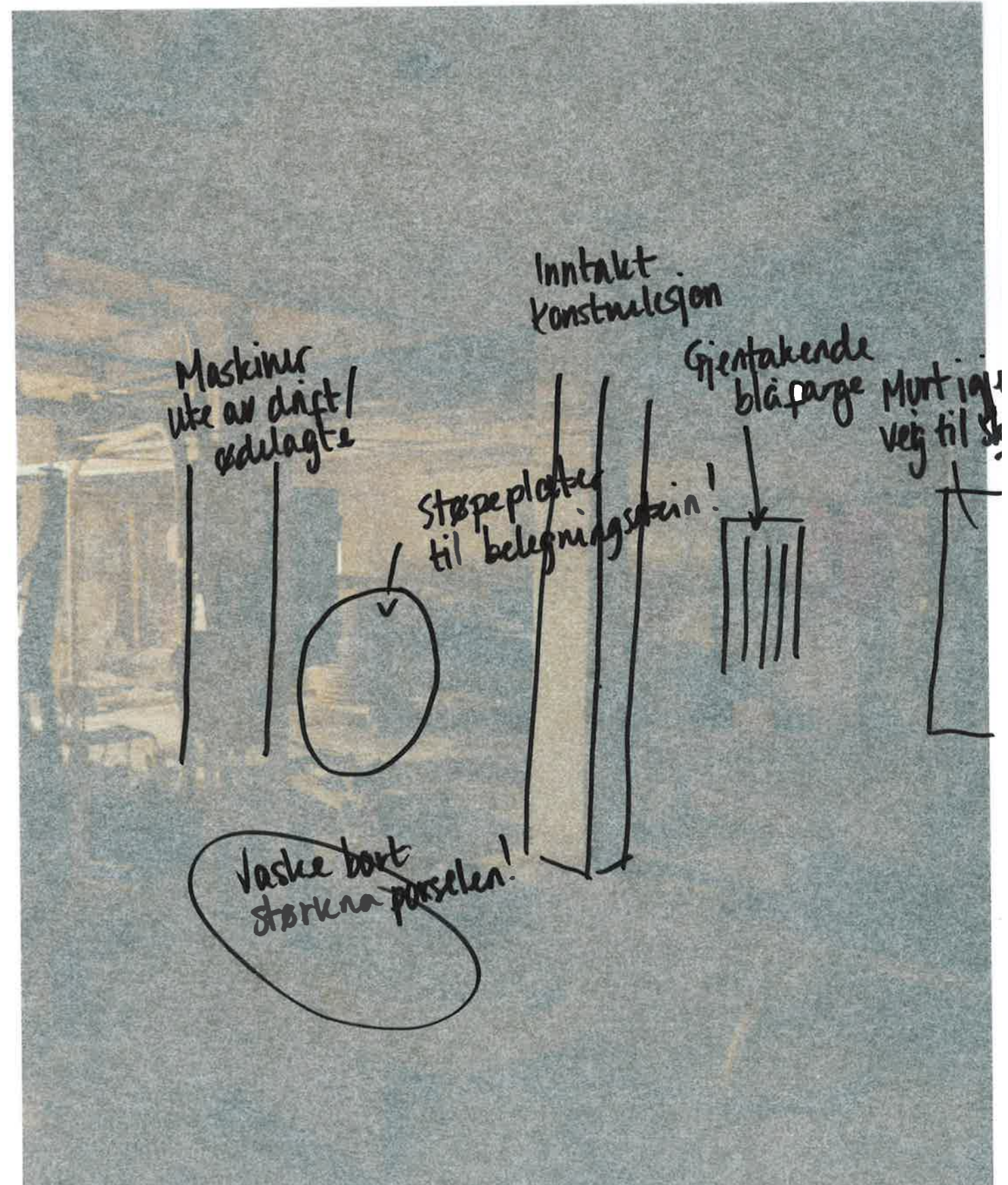
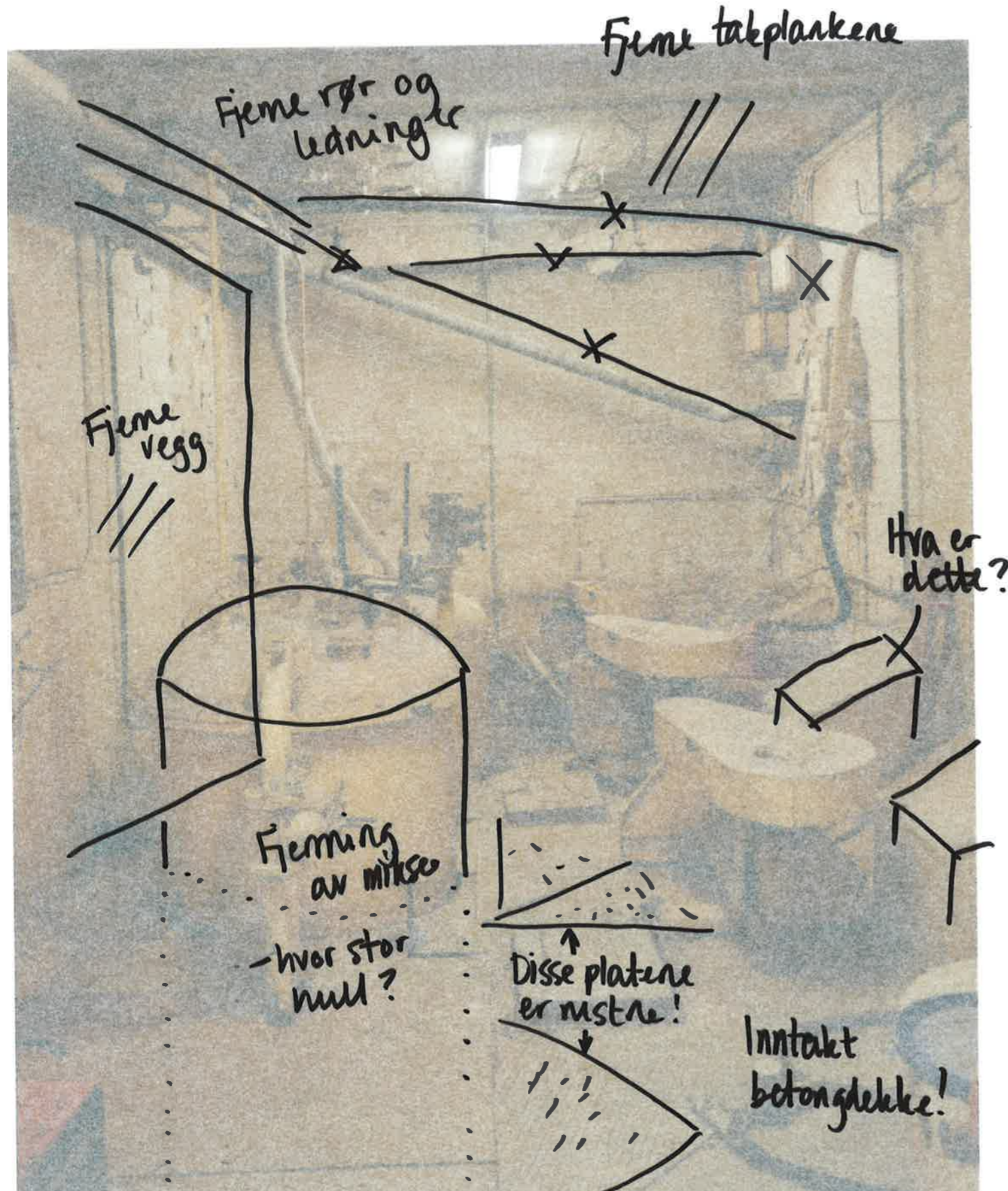
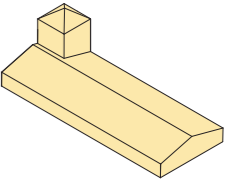
Strategy _____ 1- 5 years

The Raw Material storage
Current interior



Strategy _____ 1- 5 years

The Raw Material storage Interventions

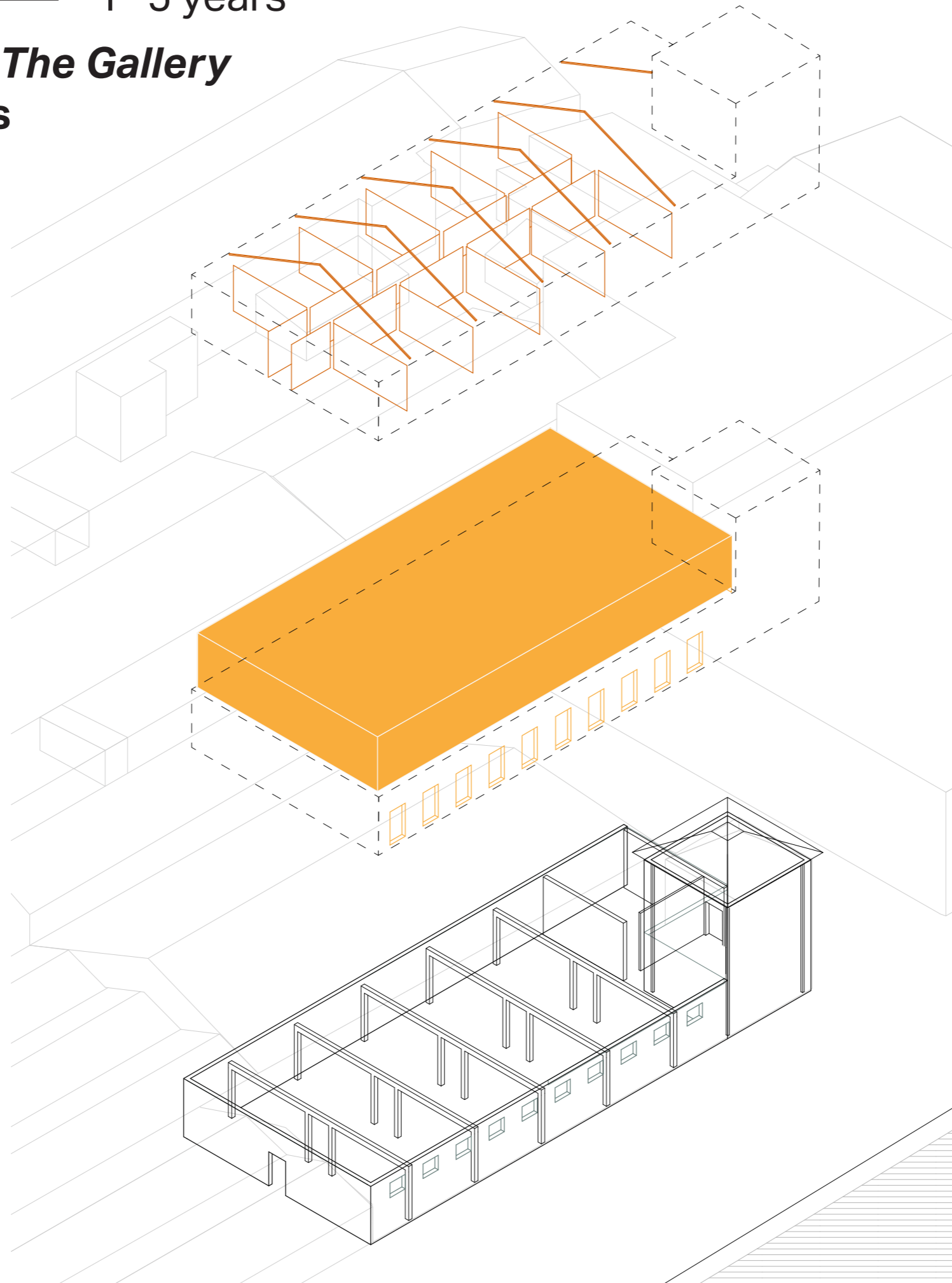
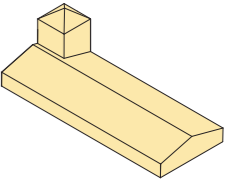


Strategy ————— 1- 5 years

Raw Material storage - *The Gallery*

Isometric interventions

A3 / 1:500



ADD
Replacement of roof as a new floor

Introduce porcelain as a architectural element

ADD
New entrances

Make the Raw Material storage a more public and attractive space.



REMOVE
Rusty roof and light walls

Expose the structure and gain more light



OPEN
Windows

Expose the building for daylight

OPEN
Bricked opening

Re-connect to the shed

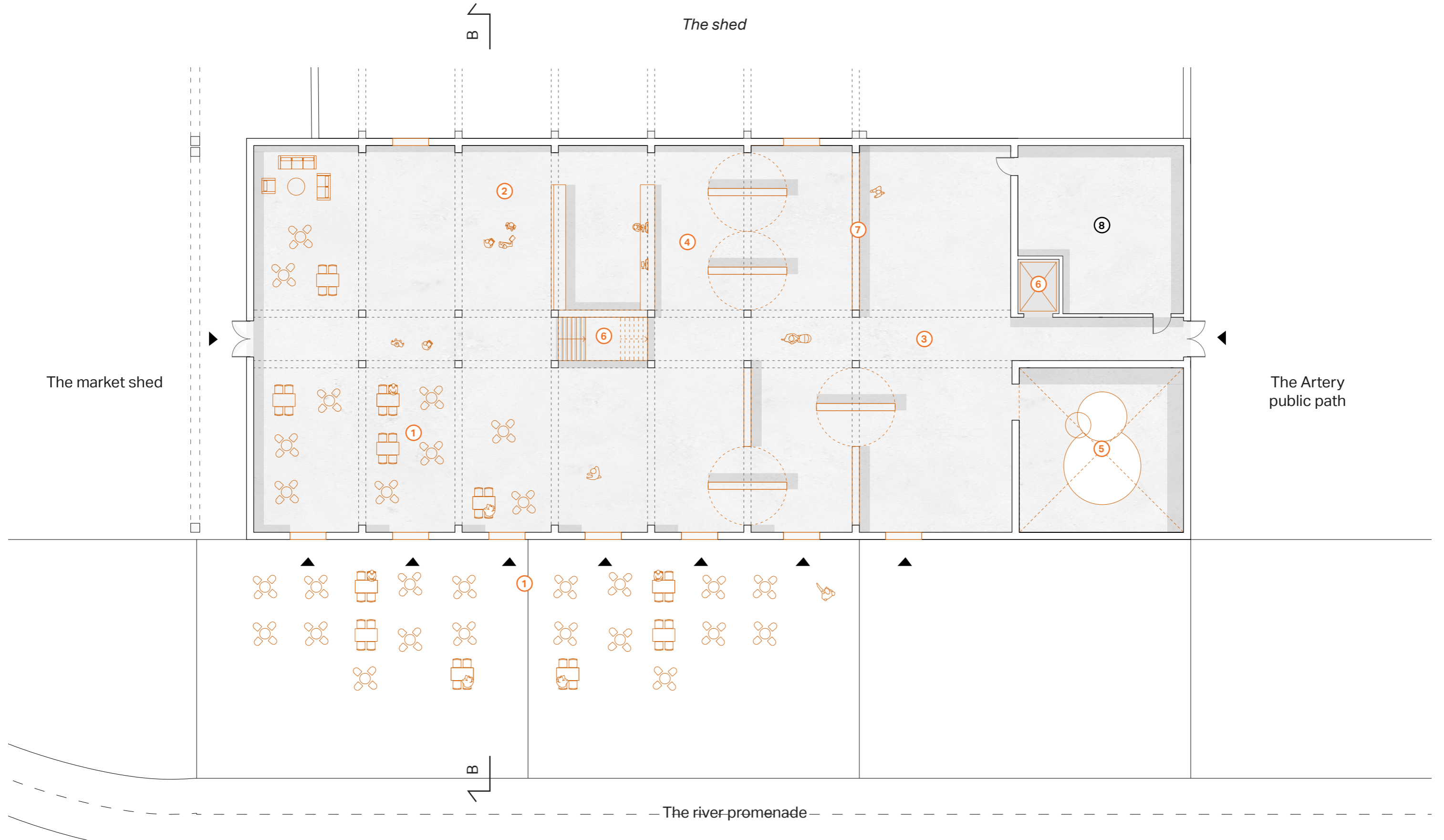
Strategy ————— 1- 5 years

Raw Material storage - *The Gallery*

A3 / Plan 1:200

All changes marked in **ORANGE**

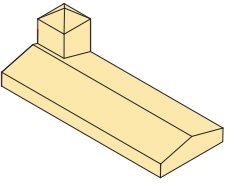
- | | | | |
|----------------------------|---|--------------------|---|
| Seating area | ① | Separate exhibiton | ⑤ |
| Café | ② | To 2nd floor | ⑥ |
| Temporary exhibition space | ③ | Piveting walls | ⑦ |
| Information desk | ④ | Storage | ⑧ |



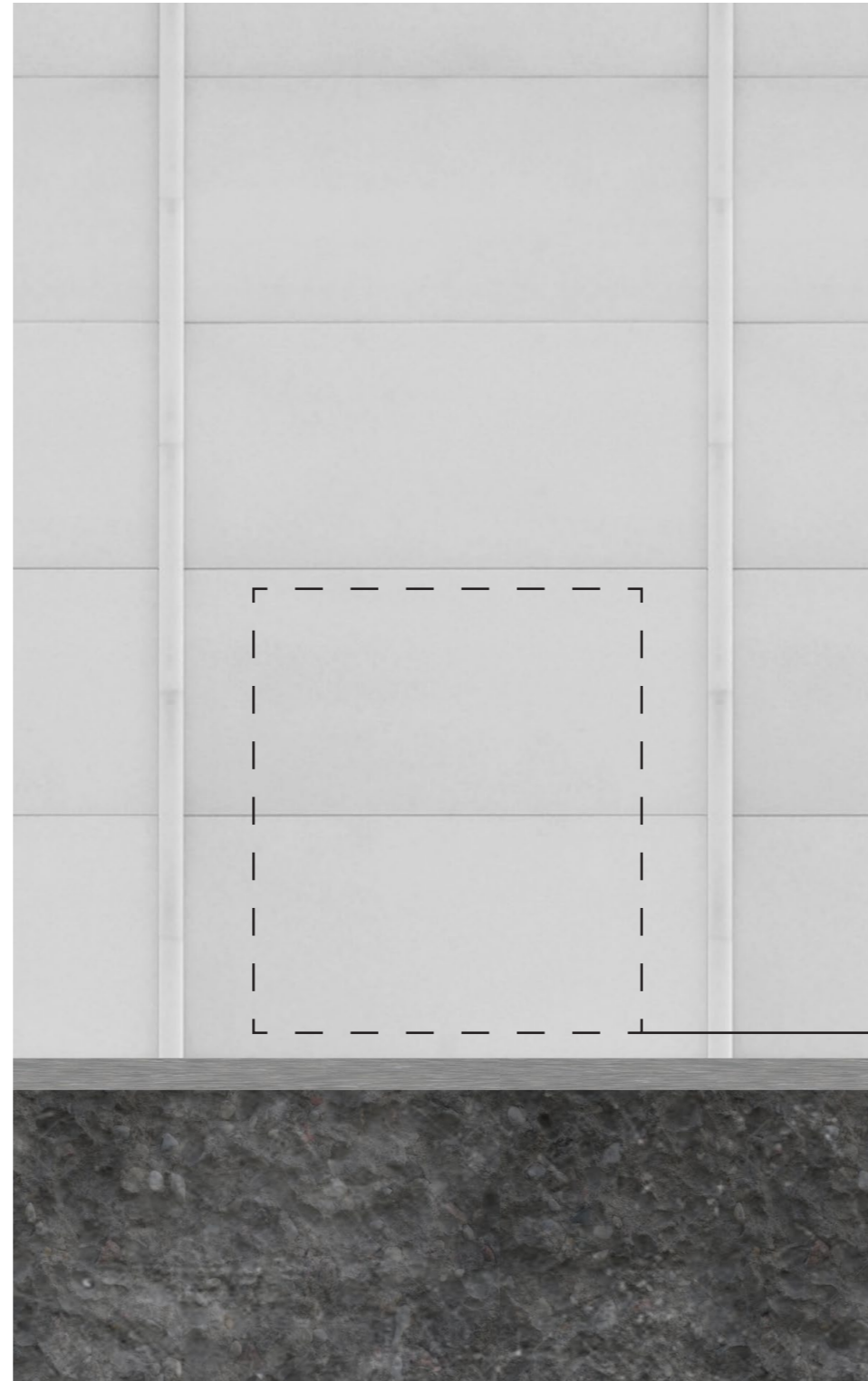
Strategy _____ 1- 5 years

THE GALLERY

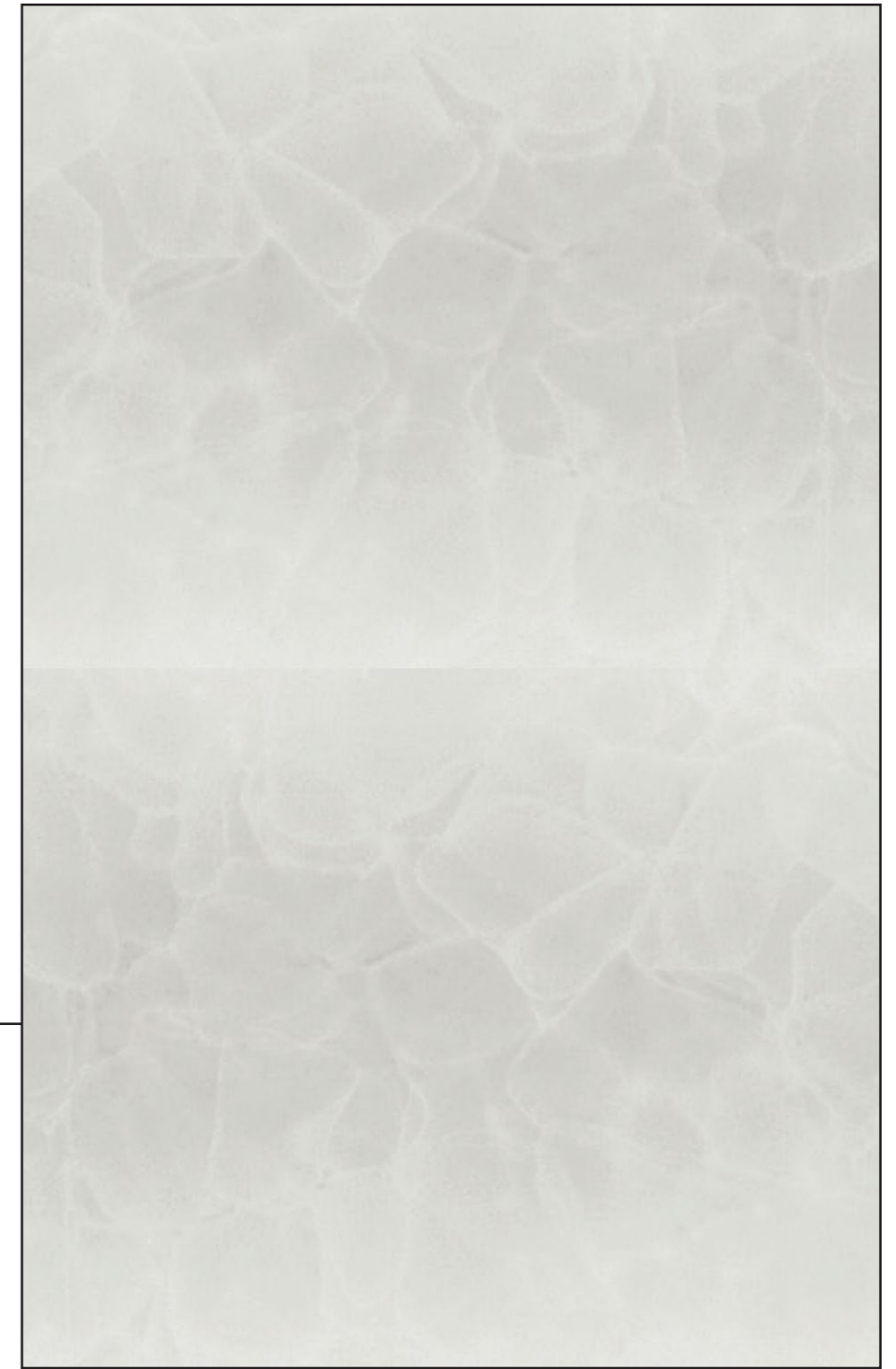
A3 / Section BB 1:200 + Detail 1:50 / 1:1



Drawing 1:200:
Short section of the Gallery.



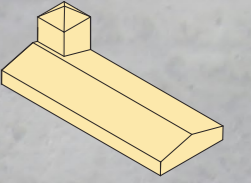
Facade detail 1:50:
Contrast between rough concrete and fine porcelain.



Tile detail 1:1:
Extraction of kaolin creates a translucent look

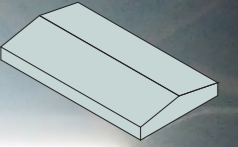
Strategy ————— 1 - 5 years

THE GALLERY



Strategy ————— 1 - 5 years

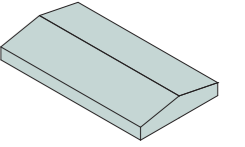
The Shed becomes THE WORKSHOP



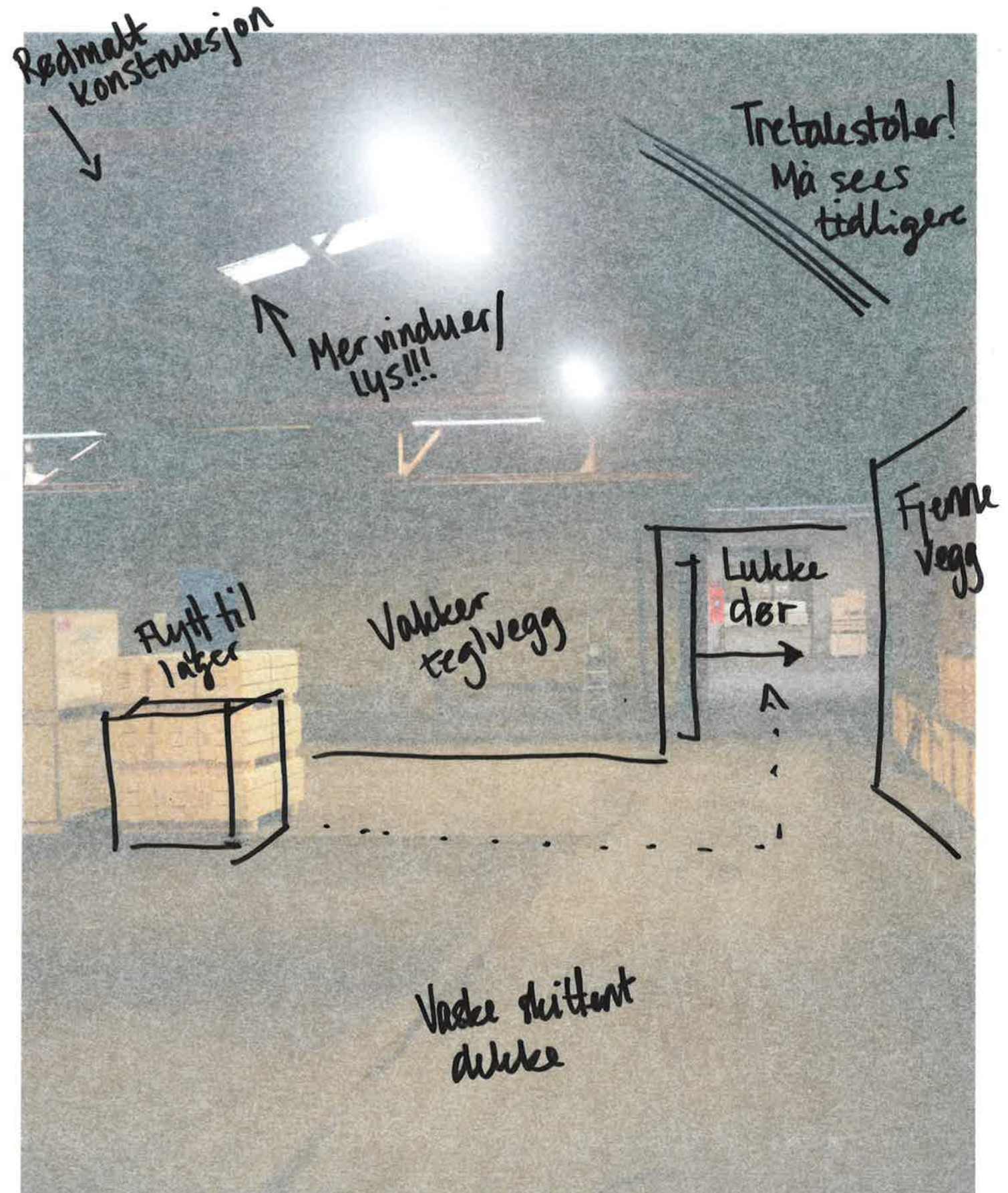
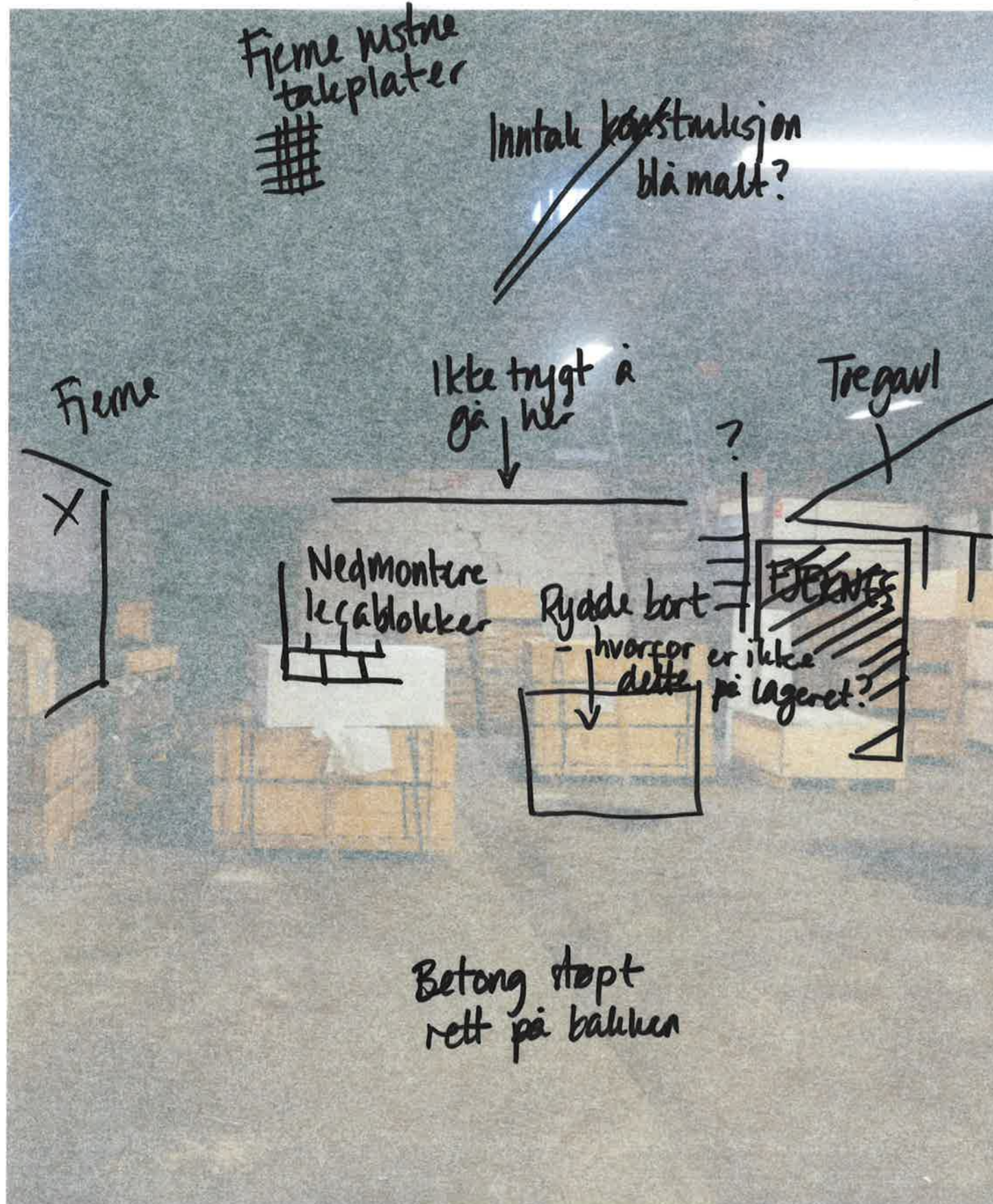
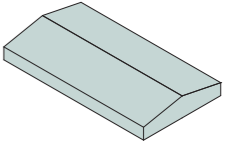
Strategy ————— 1 - 5 years

The Shed

Current interior



The Shed Interventions

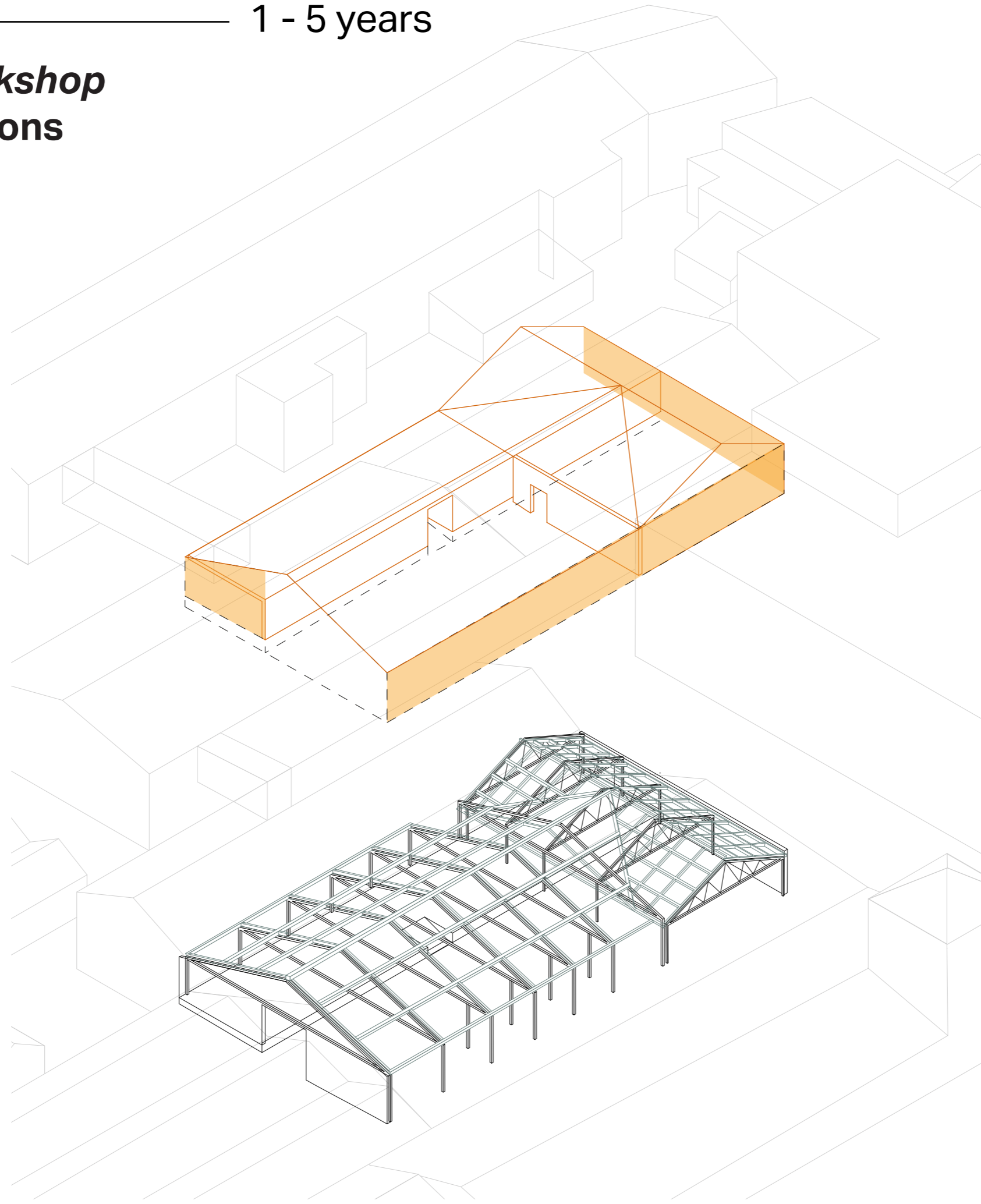
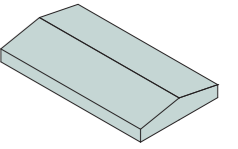


Strategy ————— 1 - 5 years

The Shed - *The Workshop*

Isometric interventions

A3 / 1:500



ADD
Insulation

Make the space suitable for operations 365 days /year.



REMOVE
Light walls

Expose the flexible space.

REMOVE

Roof sheets
Expose the wooden trusses and gain more light.



2. EXPOSE
Roof

Expose the structure and wooden trusses to gain more light.

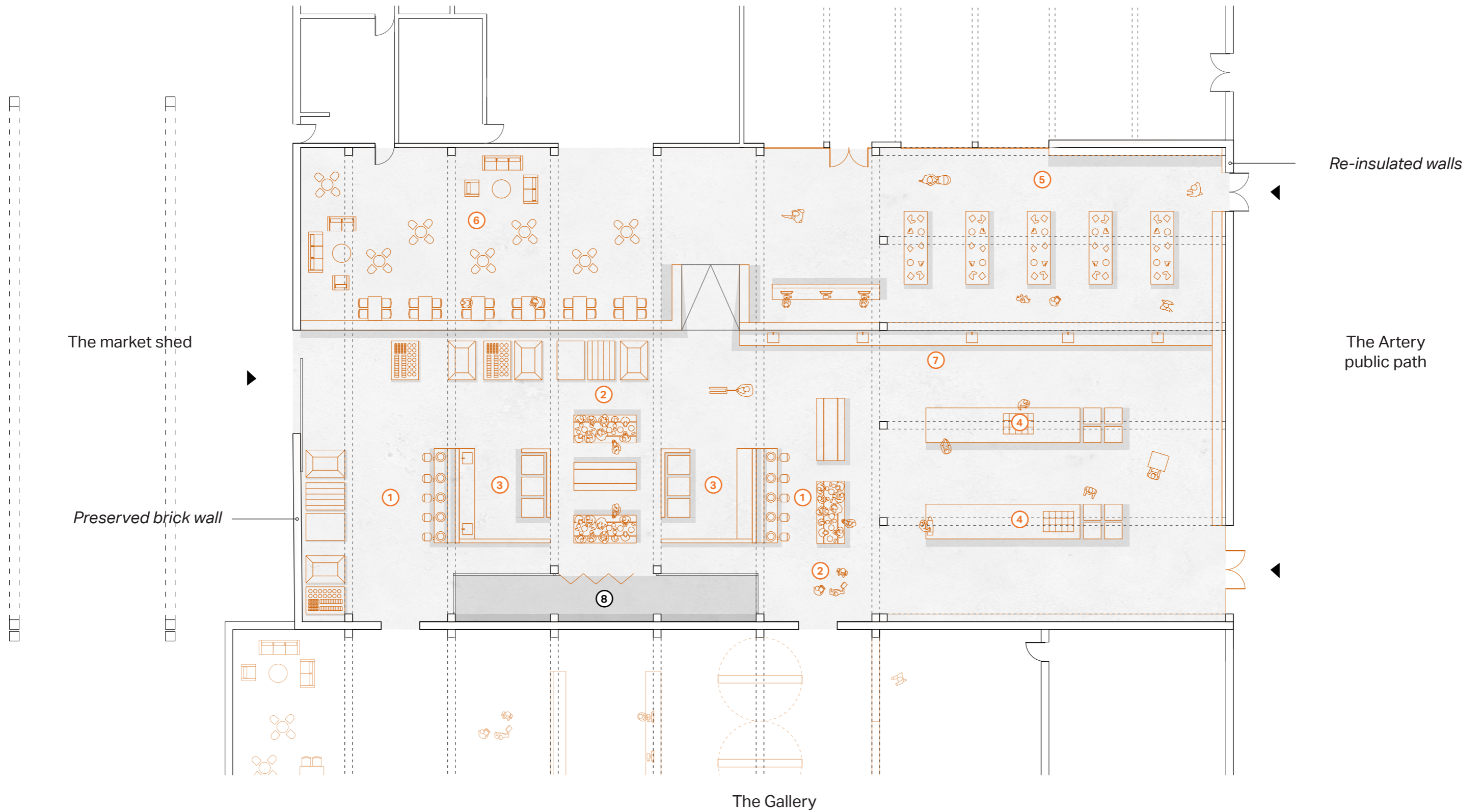
Strategy ————— 1 - 5 years

The Shed - *The Workshop* Plan A3 / 1:200

All changes marked in **ORANGE**

- | | | | |
|------------------|---|-----------------|---|
| Ceramic turners | ① | Shop | ⑤ |
| Creative studios | ② | Lounge area | ⑥ |
| Oven stations | ③ | Washing station | ⑦ |
| Workspace | ④ | Outdoor area | ⑧ |

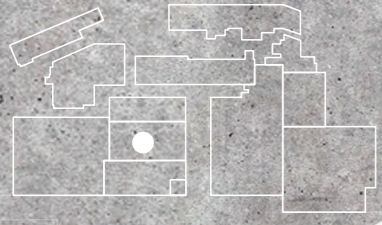
Composite building



Strategy

1 - 5 years

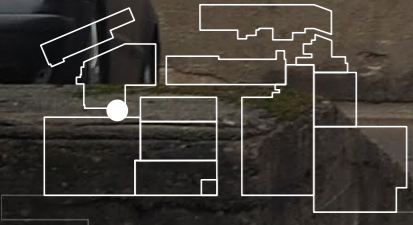
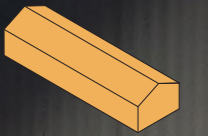
The Architectural Porcelain Workshop
Illustration



Strategy

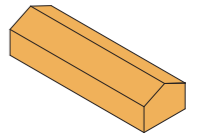
1 - 5 years

**Composite building becomes
VELFERDSHUSET**



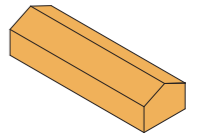
Strategy

1 - 5 years

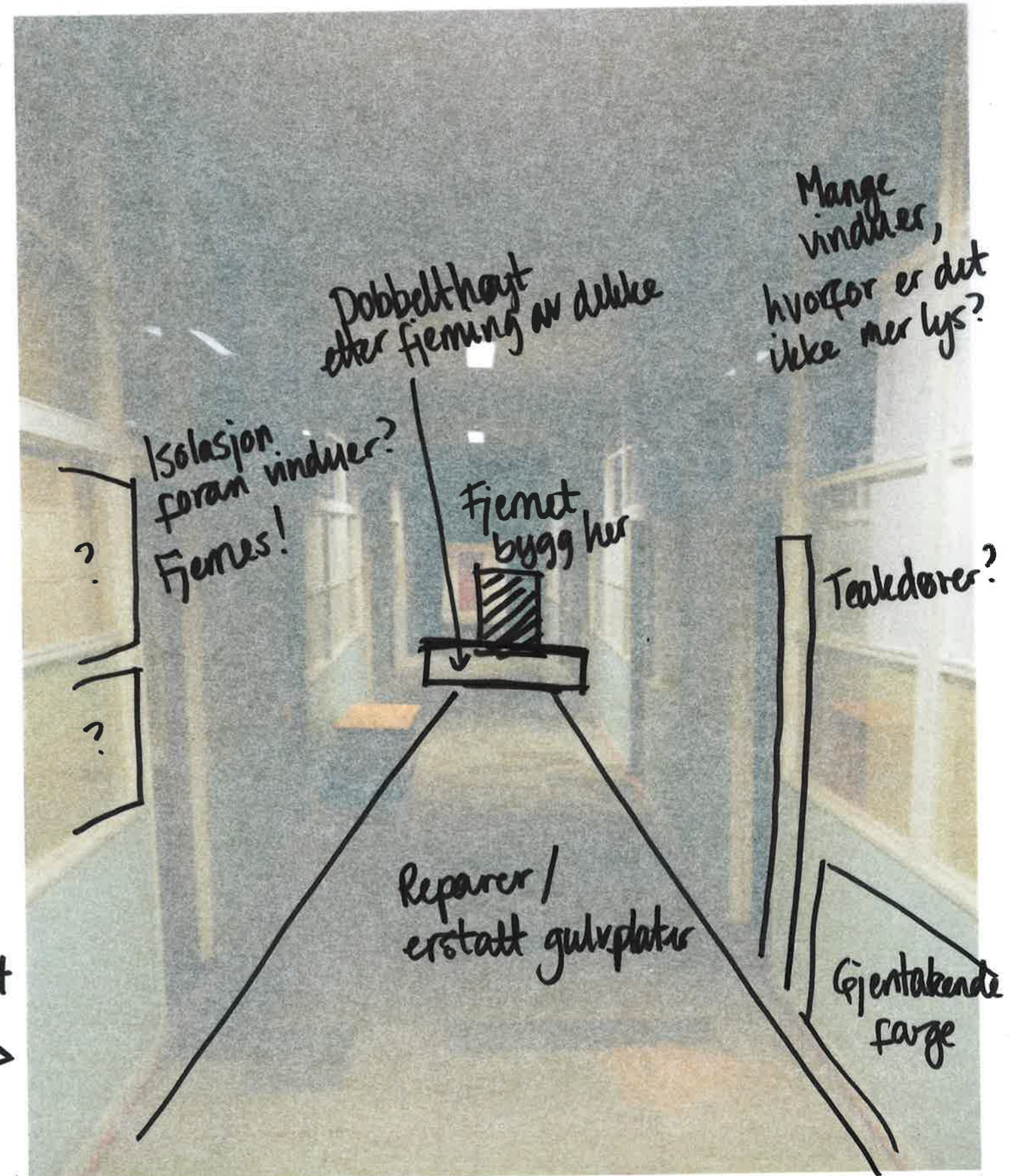
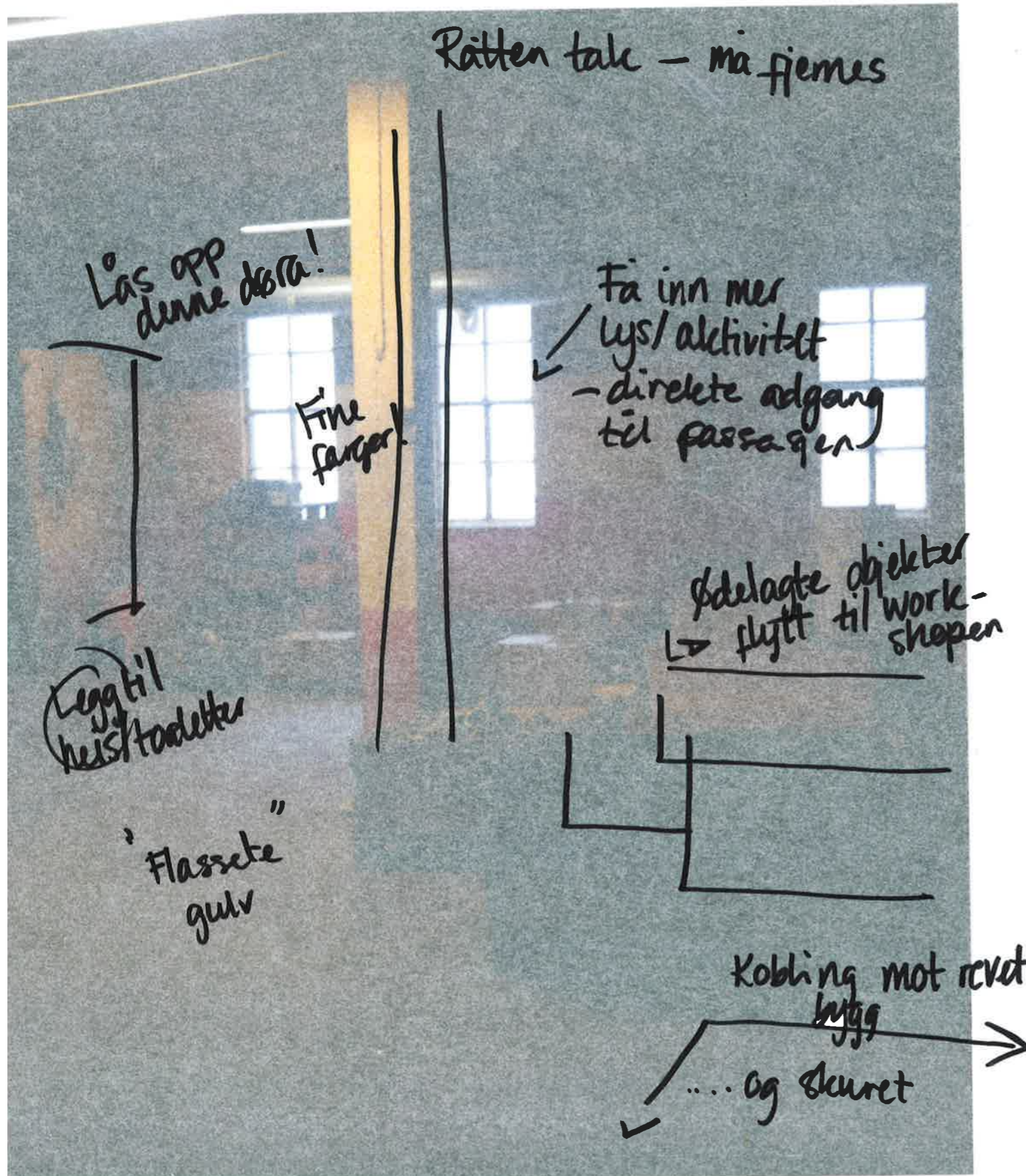


Composite building
Current interior





Composite building Interventions



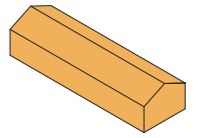
Strategy

1 - 5 years

Composite building - *Velferdsbygget*

Isometric interventions

A3 / 1:500



REMOVE
Rotten floors

Expose the structure and a double height space



ADD
Communication core

Make the 1st floor universal accessible + add toilets.

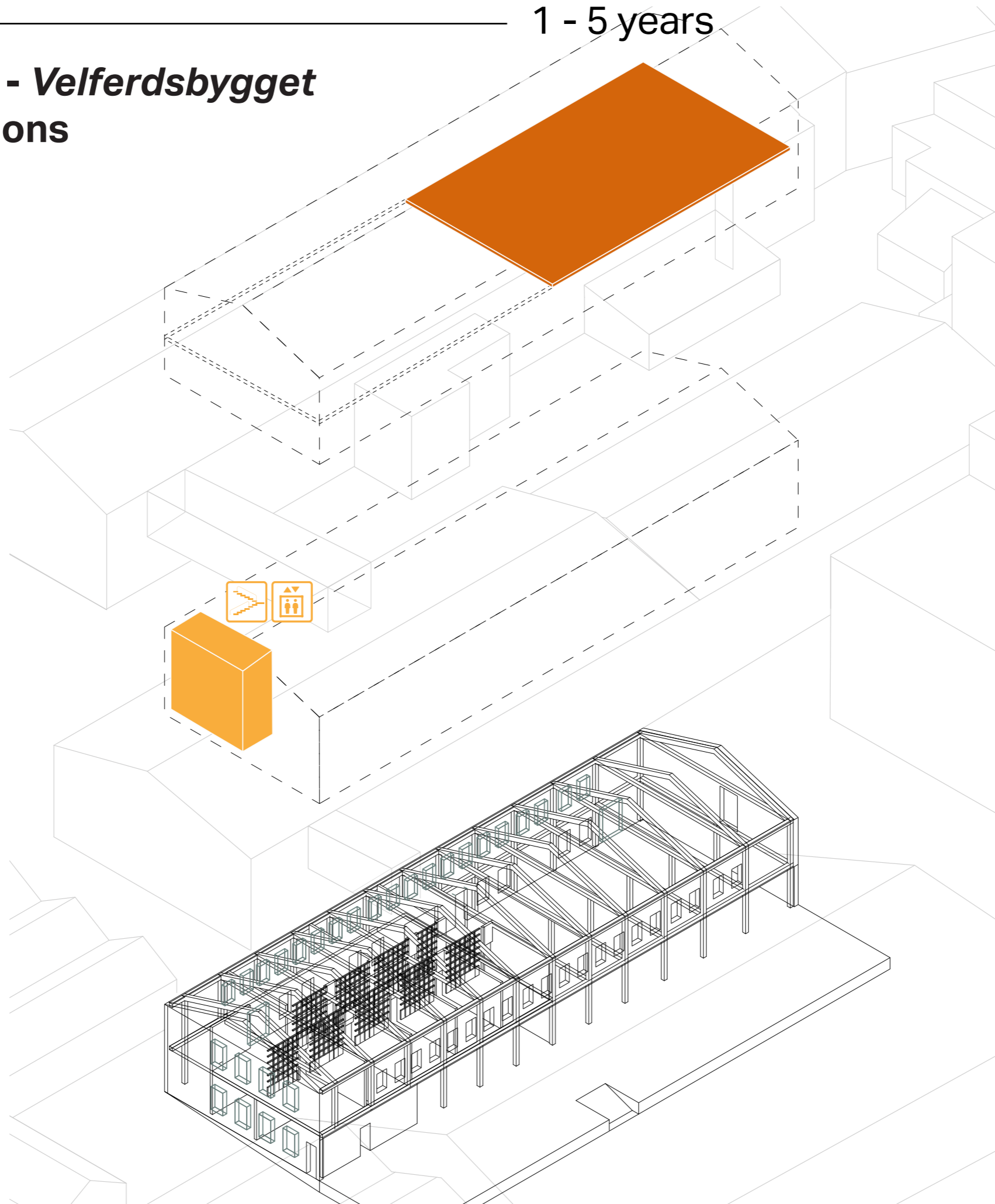


OPEN
The covers from windows

Expose daylight

EXPOSE
Openings

Gain daylight and visibility from the outside

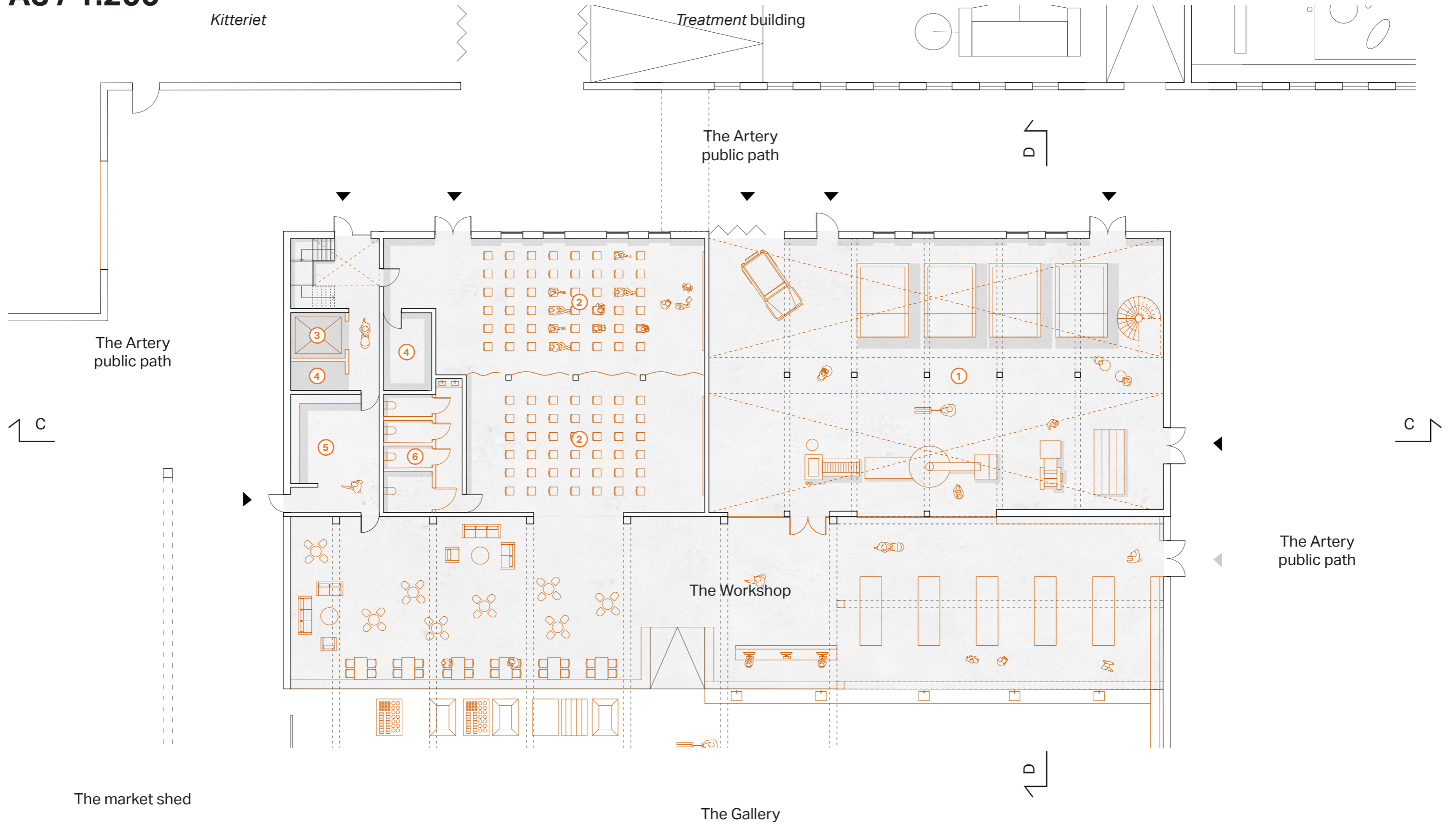


Composite building - *Velferdsbygget*

Ground floor plan

A3 / 1:200

- Upcycling plant ①
- Auditorium ②
- New elevator ③
- Technical room ④
- Wardrobe ⑤
- New toilets ⑥



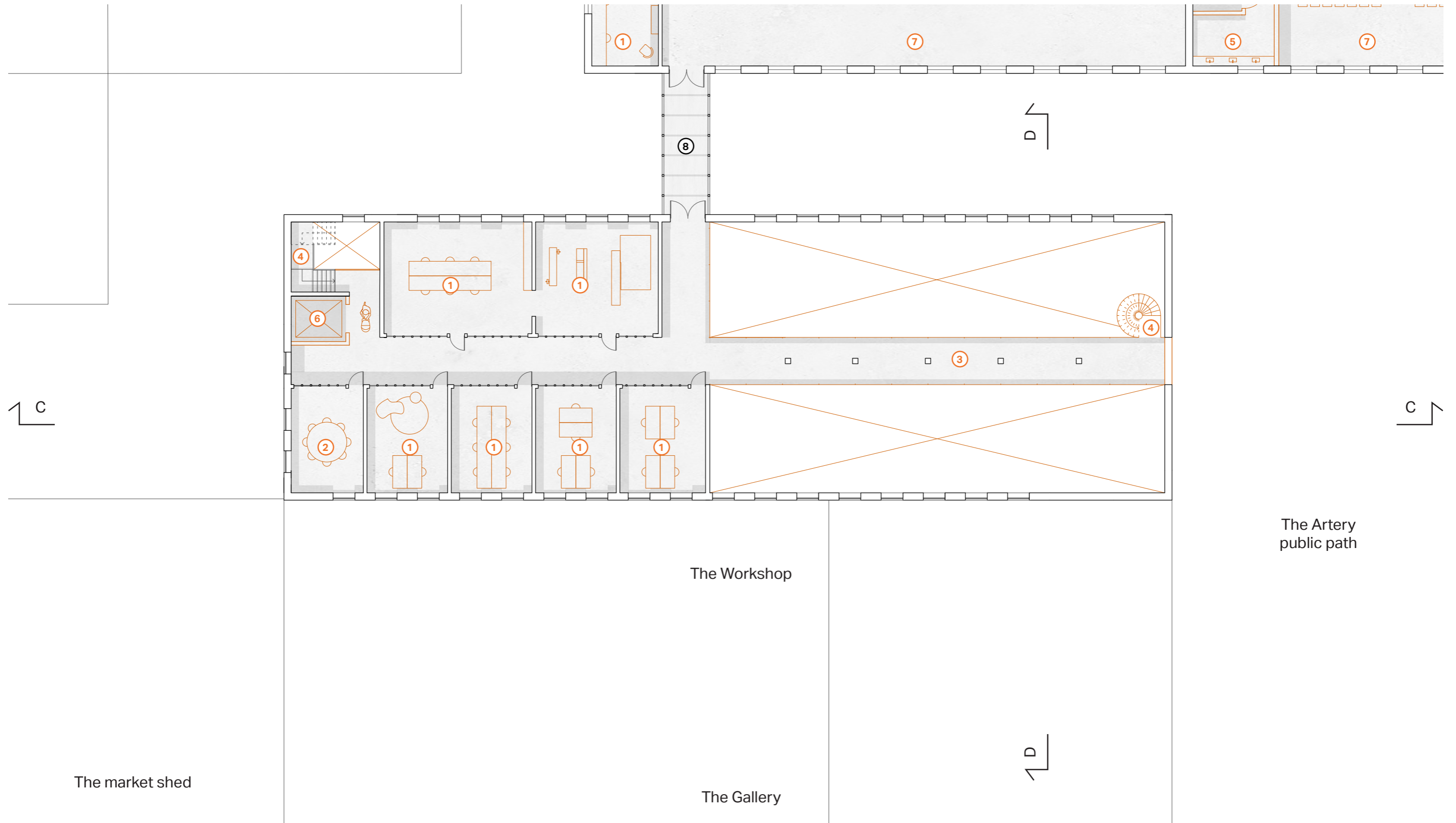
Velferdsbygget possible extension

First floor plan

A3 / 1:500

All changes marked in **ORANGE**

- Office ①
- Meeting room ②
- Viewing platform ③
- Staircase ④
- Toilet ⑤
- Elevator ⑥
- Lecture room ⑦
- Bridge to Treatment ⑧



Strategy _____ 1 - 5 years

Composite building - *Velferdsbygget*

Section CC

A3 / 1:200



*The Artery
public path*

*Auditoriums in the ground floor, and office
spaces in the second floor.*

*Porcelain upcycling plant
with viewing platform.*

*The Artery
public path*

Strategy ————— 1 - 5 years

Composite building - *Velferdsbygget*

Section DD

Illustration of the possible upcycling plant



*The Architectural
porcelain workshop*

Porcelain upcycling plant with viewing platform.

*The Artery
public path*

Results after five years



First year
The Artery

Reverted the historical public path and created an attractive riverfront



1 - 5 years
Continuation of the Artery

The Raw Material storage transformed to *the Gallery*



1 - 5 years
Continuation of the Artery

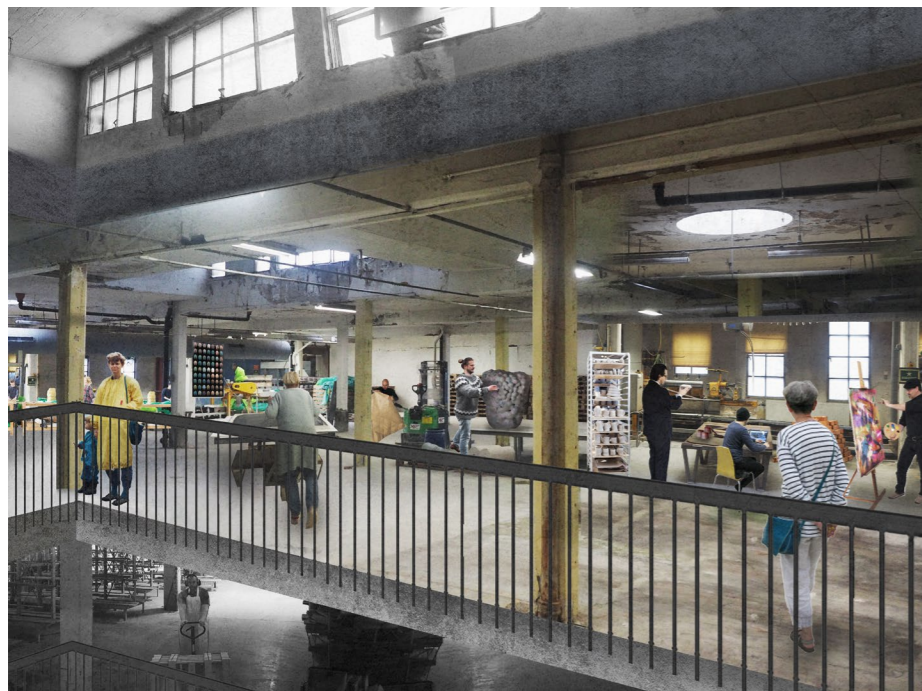
The shed transformed to an *architectural porcelain workshop*



1 - 5 years
Continuation of the Artery

The Composite building transformed to *Velferdshuset*

Gradually development of the Factory Concept and time span



10 years

15 years

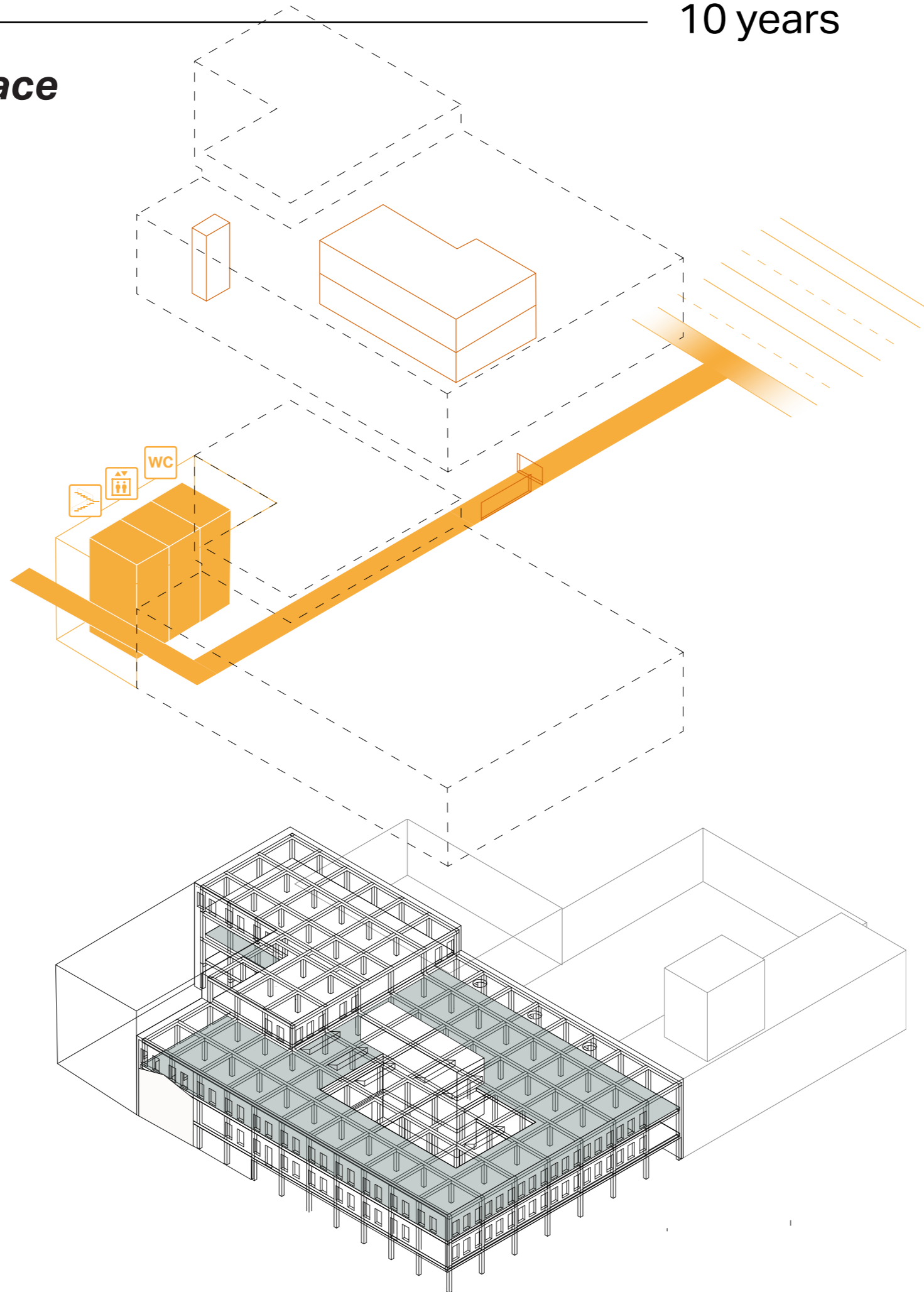
20 years

The Factory third floor transformed to
the Maker Space

Void transformed to new
main access point

The Oven building gaining a public
path above the production

The Factory - *Maker space* Isometric interventions A3 / 1:1000



ADD
Communication core

Connect the different floors and neighbouring buildings.

ADD
Bridge

Gaining a public perspective to production in addition to a connection to the Værstebrua.



REMOVE
Parts of concrete floor

Expose the full height of building creating an atrium, gaining daylight in the long and dark building.

REMOVE
Staircase

Due to its condition. Replaced by a floor window.

REMOVE
Parts of walls

Gaining an public overview of the private production



OPEN
Third floor

Proposed makerspace.

OPEN
Windows

Exploit the big window for more daylight.

Strategy

10 years

MAKER SPACE



New access point Interventions



Glazed "lid"



Sawed "lid"



Glazed "belt"

Shaping forms with a mixture of porcelain and stones. Thrown away after use.



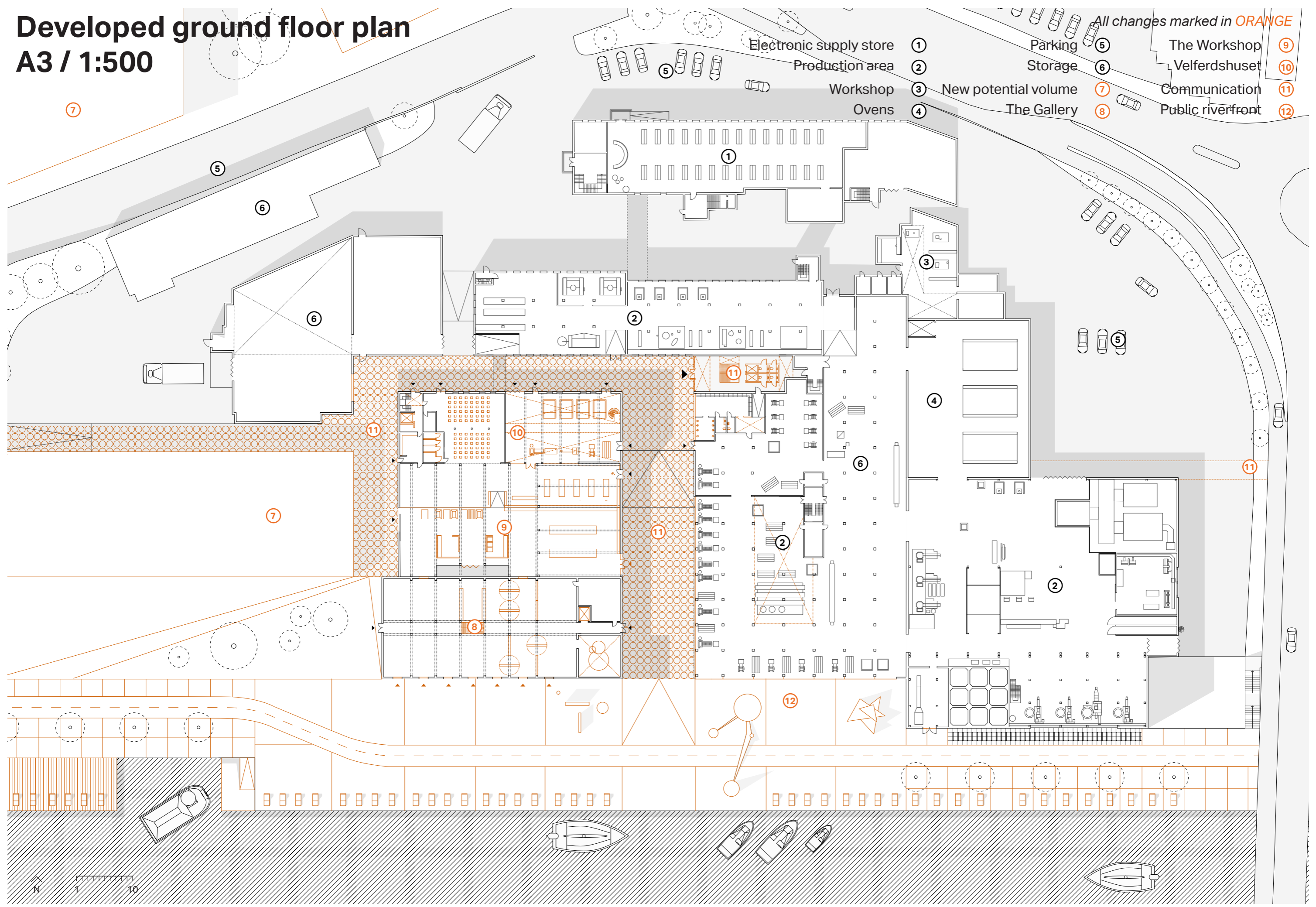
Illustration seen towards the proposed communication core.

Public path above production
Proposed intervention



Developed ground floor plan

A3 / 1:500



Electronic supply store ①
 Production area ②
 Workshop ③
 Ovens ④

Parking ⑤
 Storage ⑥
 New potential volume ⑦
 The Gallery ⑧

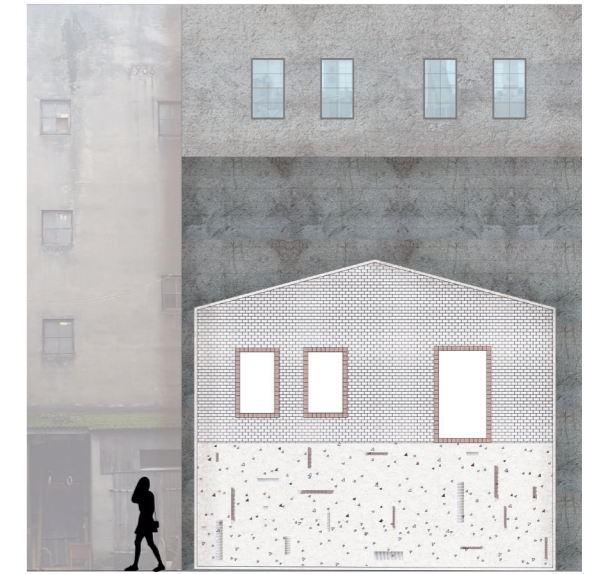
All changes marked in **ORANGE**

The Workshop ⑨
 Velferdshuset ⑩
 Communication ⑪
 Public riverfront ⑫



Overall strategy

The Artery's toolbox



1. DOCUMENTATION OF THE SPECIFIC SITE

Dig into the history, and find how and why the factory played a role in the city's history. Find plans, sections, pictures and other relevant documents.

Possible sources can be The National Library (nb.no), Digitalt Museum and the specific Municipality's own sites.

Also, get a grasp of how the site is today, through the camera lens.

2. RESEARCH REGULATION AND MUNICIPALITY PLANS

Find out if there is any ongoing plans at the site, or in neighbouring areas.

3. VALUE ASSESSMENT AND MAPPING

With the Municipality plans in mind, create a value assessment where you research the different buildings and its values.

Find out how the building mass works. Relevant diagrams can be mapping of structures, usage, communication patterns and condition of the different buildings.

4. PRODUCTION AND FLOW

Map how the specific products that are produced and how that flows around in the complex.

In addition, what is the future of the products? How is the product recycled? Can it be used again, and for what?

5. INTERVENTIONS

Based on your findings, you can start your interventions at the site. Possible interventions can be:

- Remove elements in bad condition
- Remove non-bearing / low value elements
- Remove loose elements and clean
- Reopen blocked doors and windows
- Reactivate unused stairs and passages
- Restore elements to original state
- Add new surface
- Add new elements

Strategy

20 years

Illustration

The site with interventions after 20 years

