

TRONDHEIM WAREHOUSES

past - present - future

INTRODUCTIE

MASTERPLAN

DESIGN

PAST/PRE./FUT.

ROUTING

CONSTRUCTIE

4

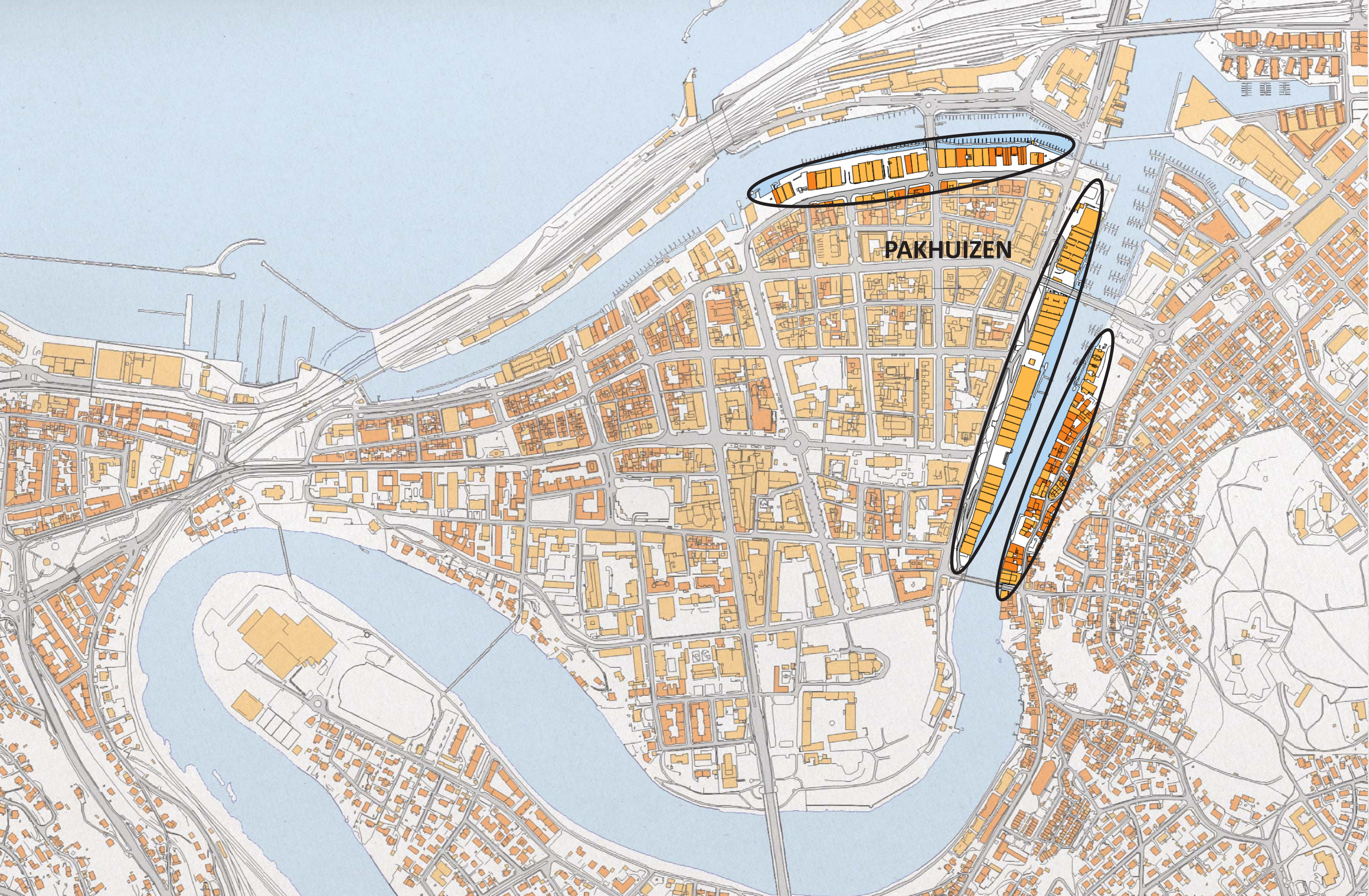
TRONDHEIM WAREHOUSES

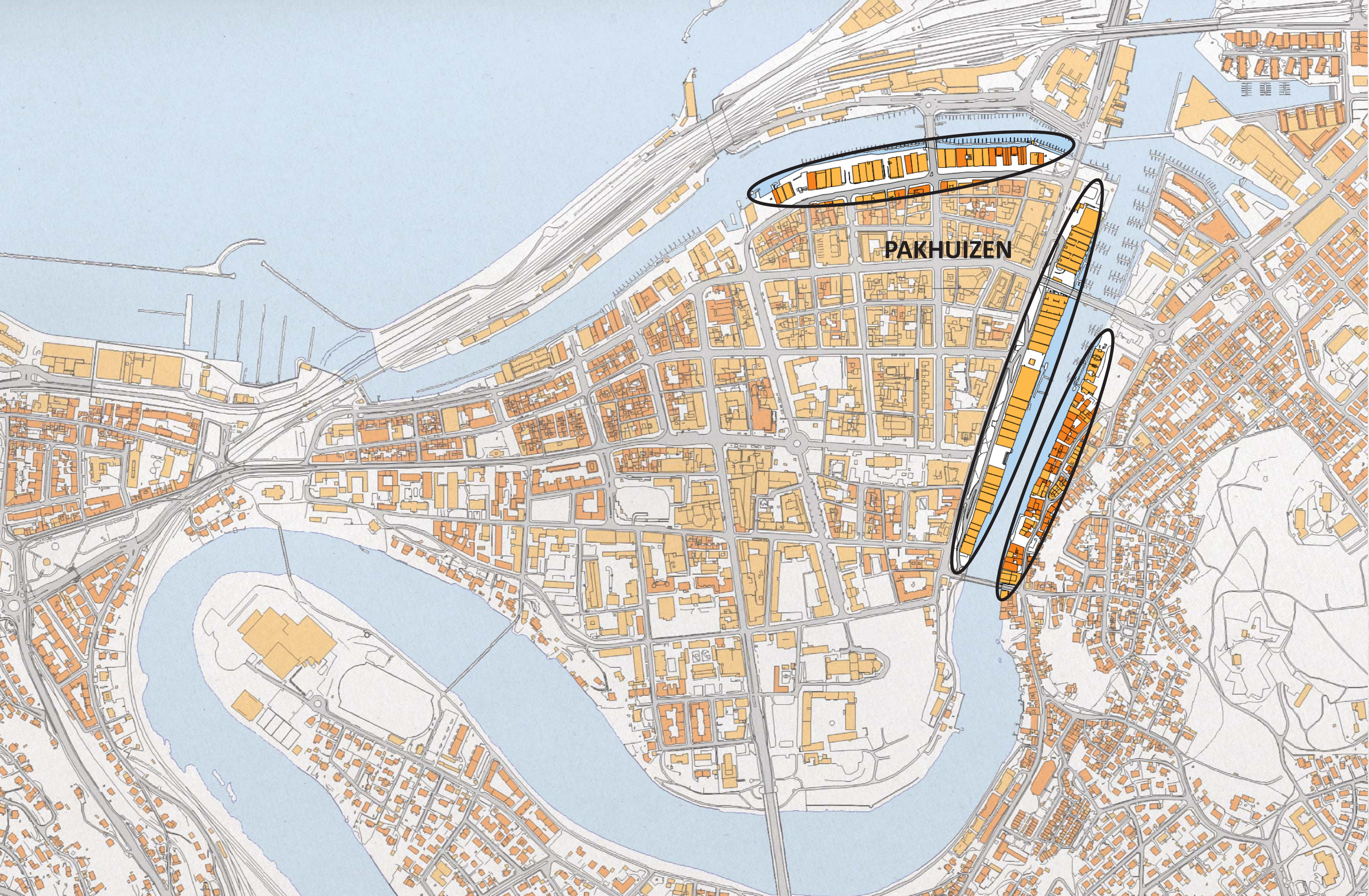
past - present - future

- An exploration of the reusability of the warehouses in Trondheim (Kjøpmannsgata) -

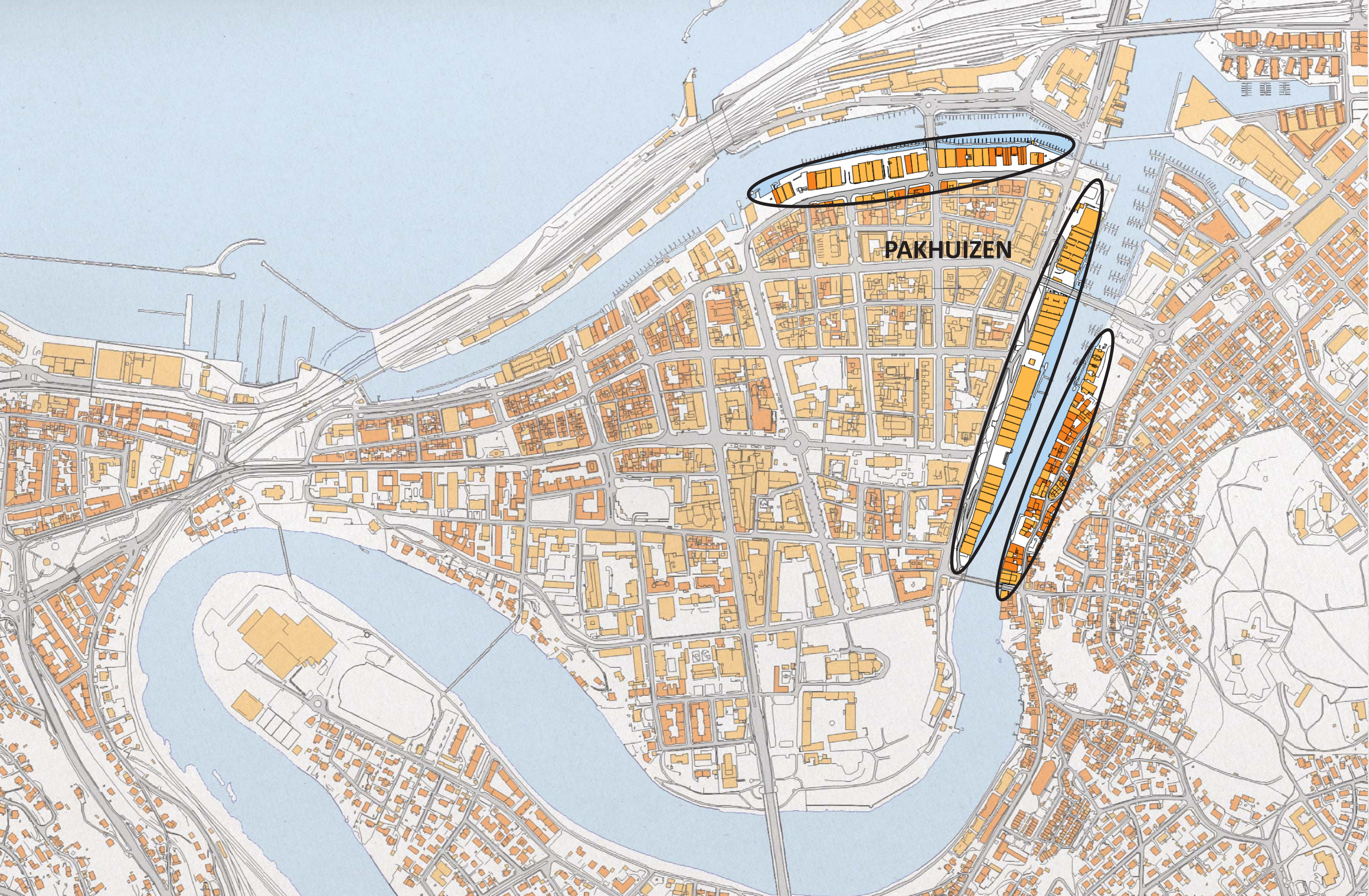
INTRODUCTIE







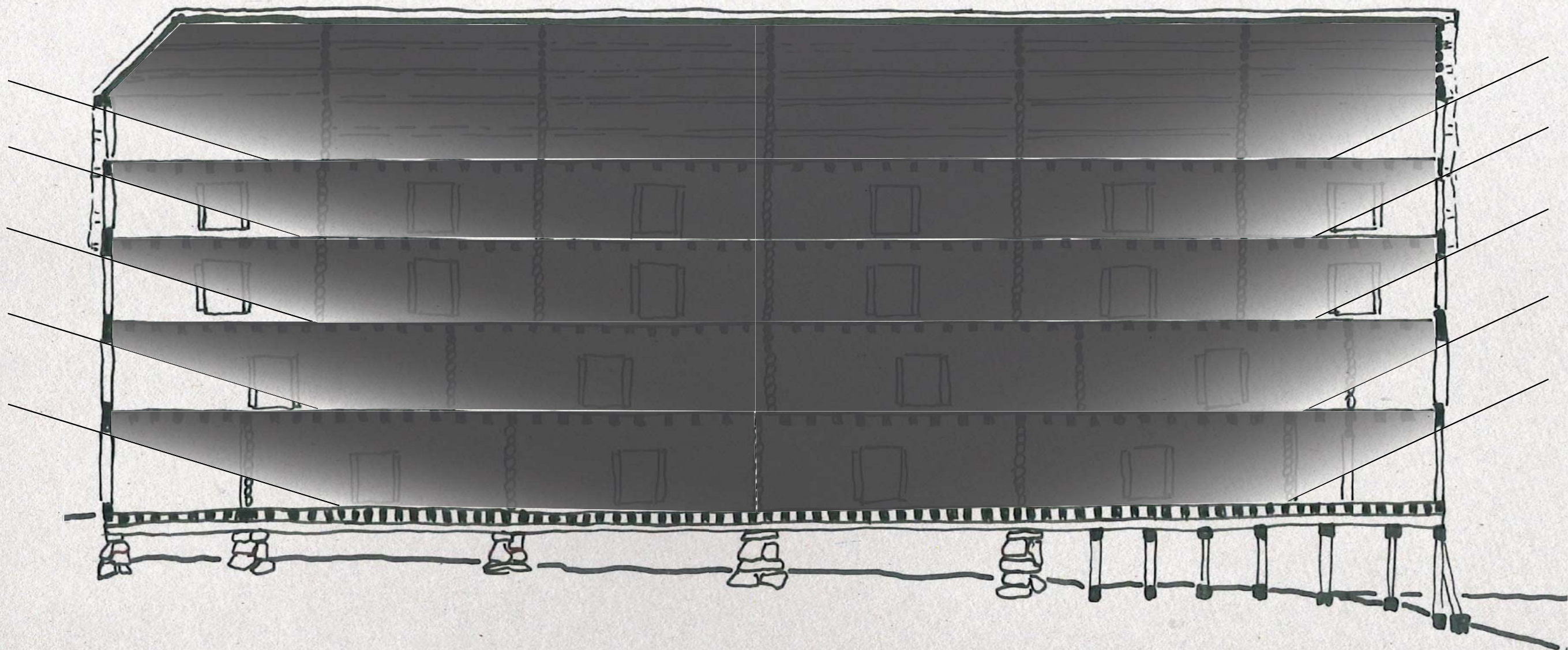
PAKHUIZEN



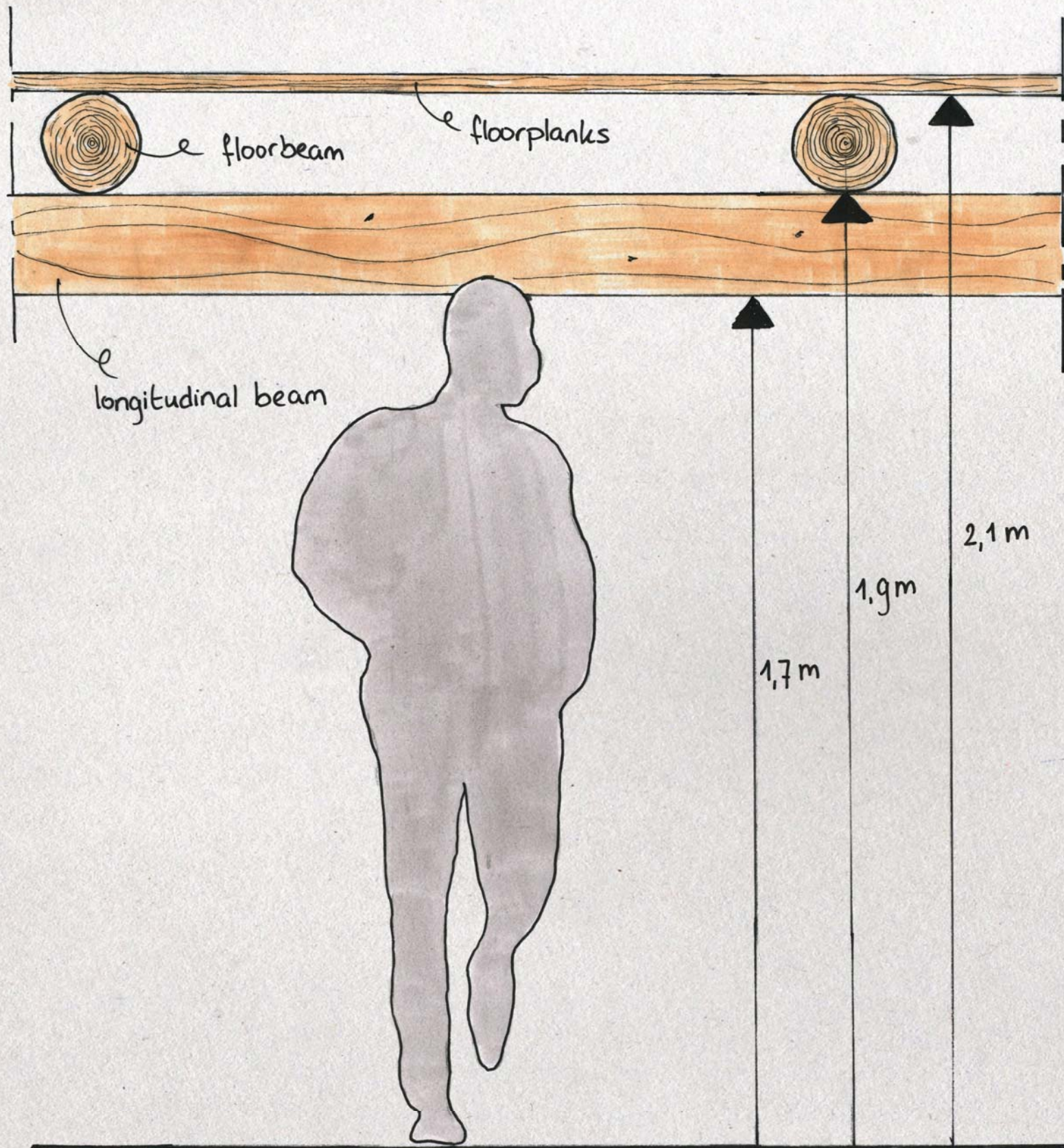
PAKHUIZEN



Ontwikkelingen leiden tot leegstand



Beperkte lichtinval



Beperkte hoogte

Het is een probleem om nieuwe functies te vinden voor deze gebouwen

leegstand > achteruitstand > verlies cultureel erfgoed



Tegelijkertijd verpauperd het gehele gebied



SVERRES
BORG
TRØNDELAG
FOLKEMUSEUM

Main objective:

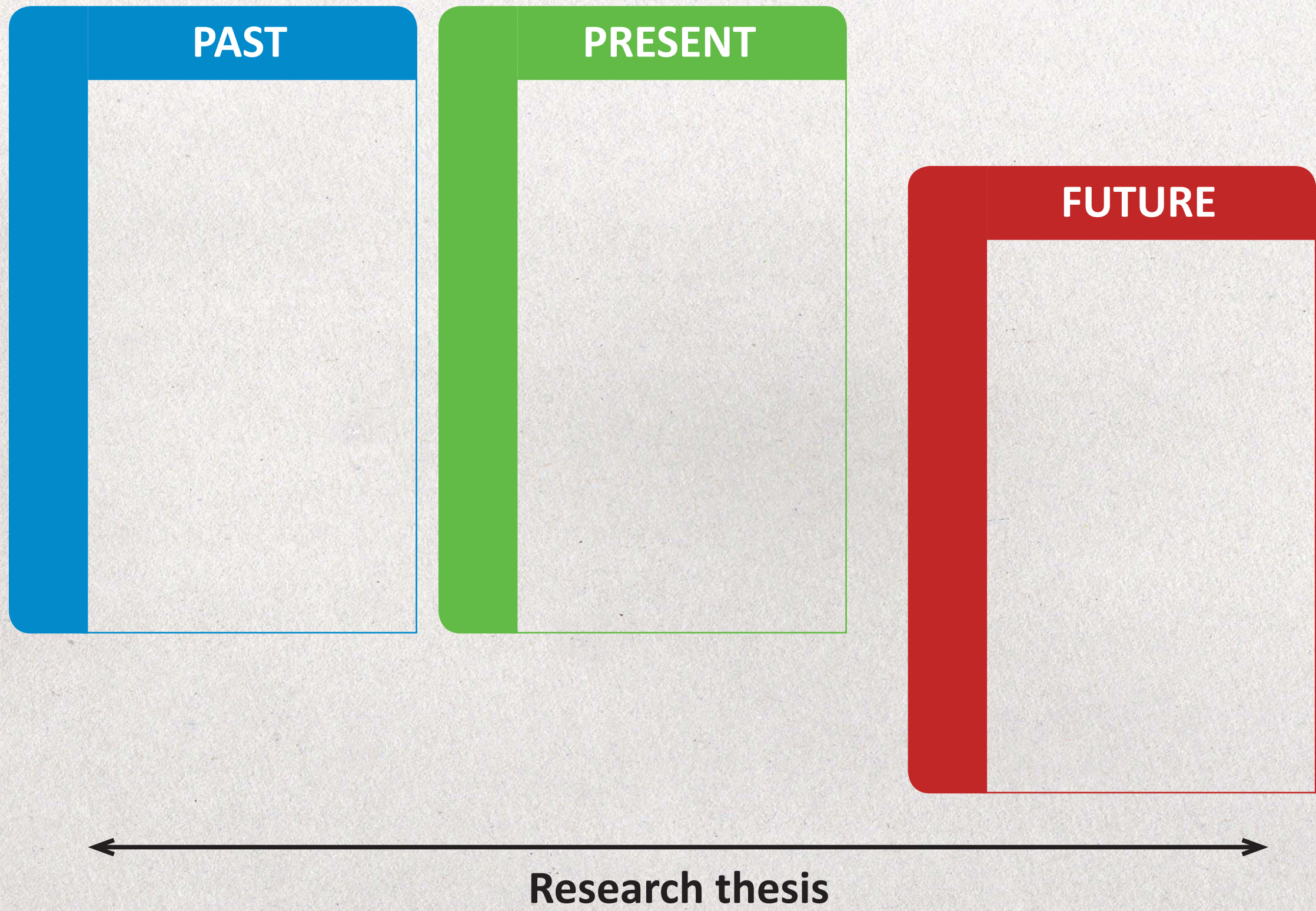
To explore the reusability of the Trondheim brygger

(focused on Kjøpmannsgata)

**To find practical solutions for the problems we face today
in order to provide a future for the brygger.**

Future for the brygger:

- **cultural heritage preserved**
- **area more lively/attractive**
 - **economic boost**



PAST

1.

History of the city

2.

History of the
Kjøpmannsgata

3.

History of the brygger

4.

Typology of the brygger

PRESENT

FUTURE

PAST	
1.	History of the city
2.	History of the Kjøpmannsgata
3.	History of the brygger
4.	Typology of the brygger

PRESENT	
1.	Daily functioning Kjøpmannsgata
2.	Daily functioning brygger
3.	State of the brygger
4.	Conservation debate

FUTURE	

PAST	
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FUTURE	
1.	Reference projects
2.	My vision on the future of the Kjøpmannsgata
3.	My vision on the reusability of the brygger

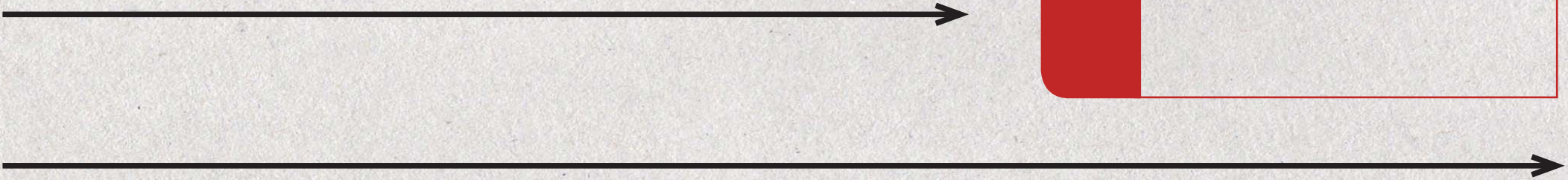


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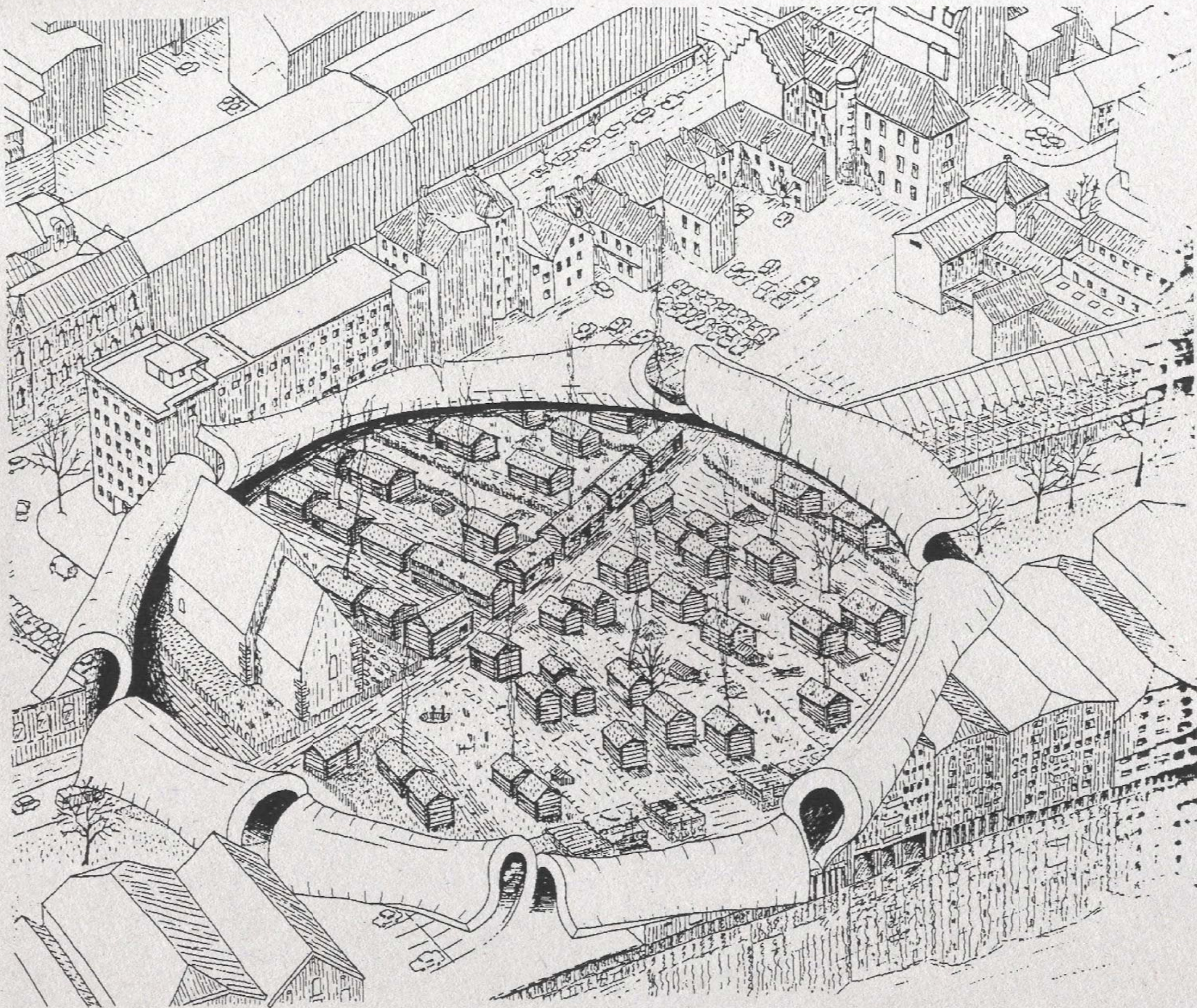
DESIGN	
1.	Masterplan for the area
2.	Building design

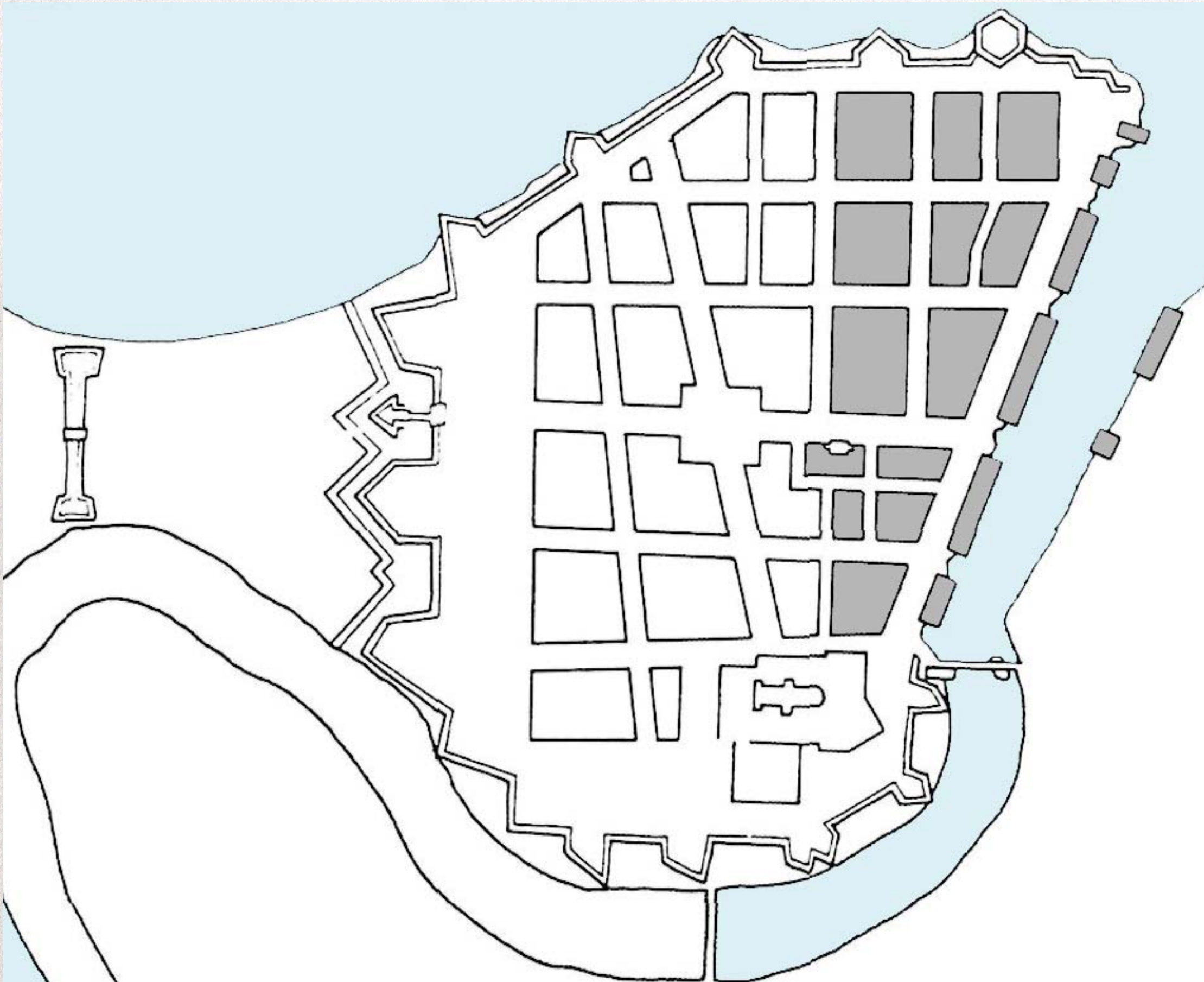


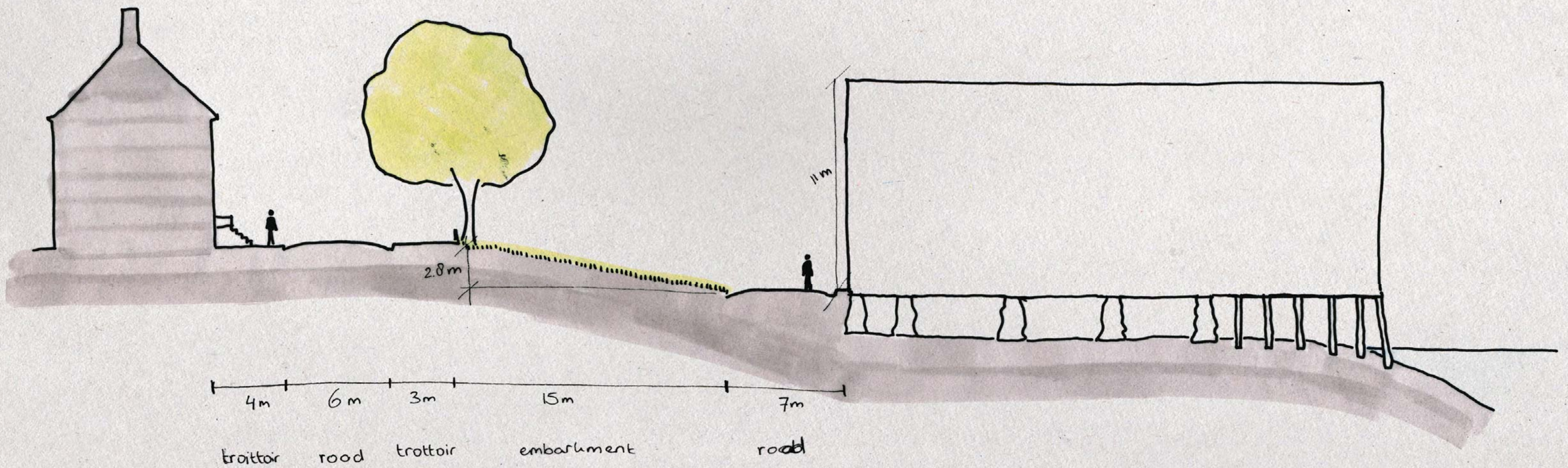
NASJONAL SJØHUSKONFERANSE I TRONDHEIM 2012

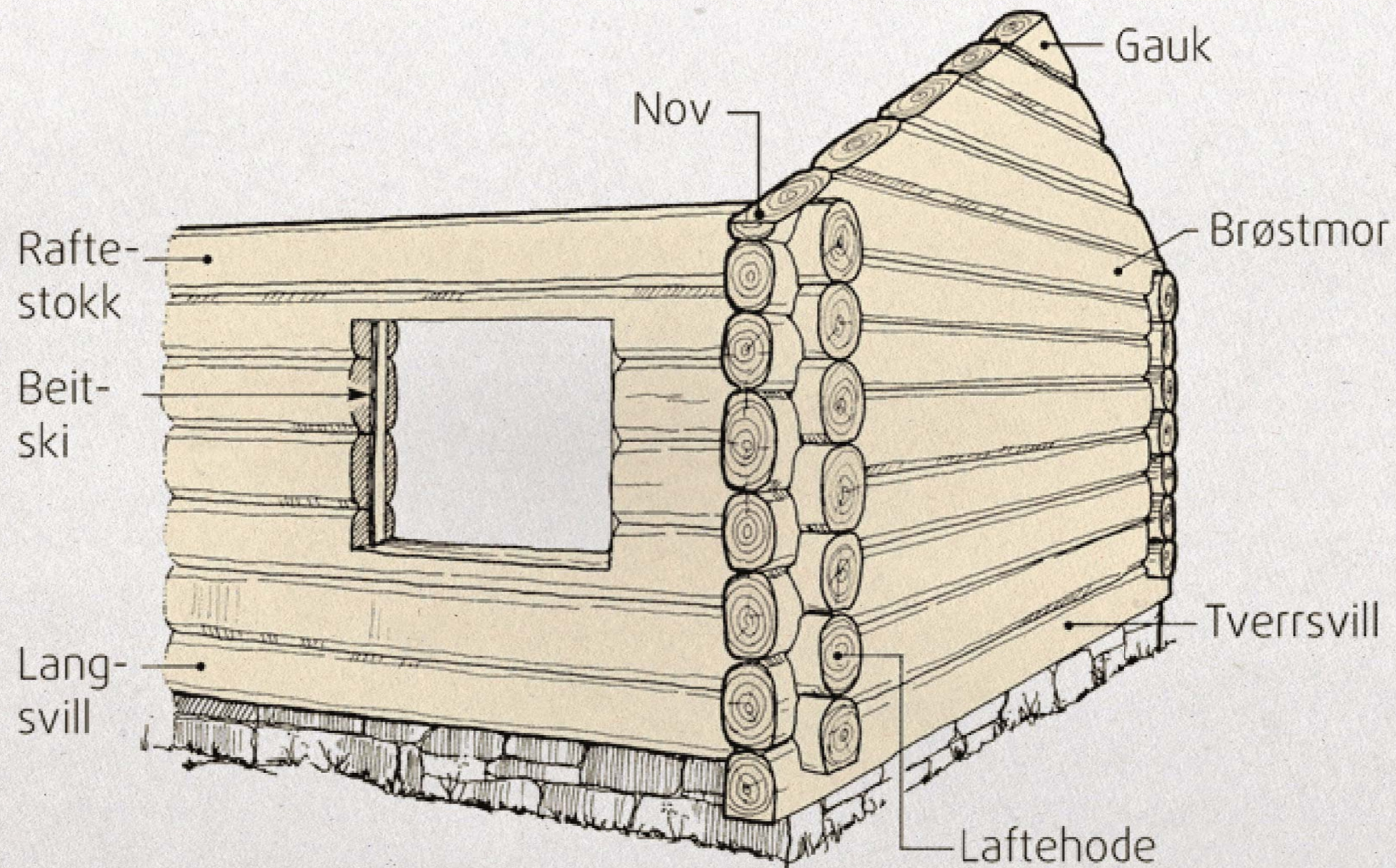


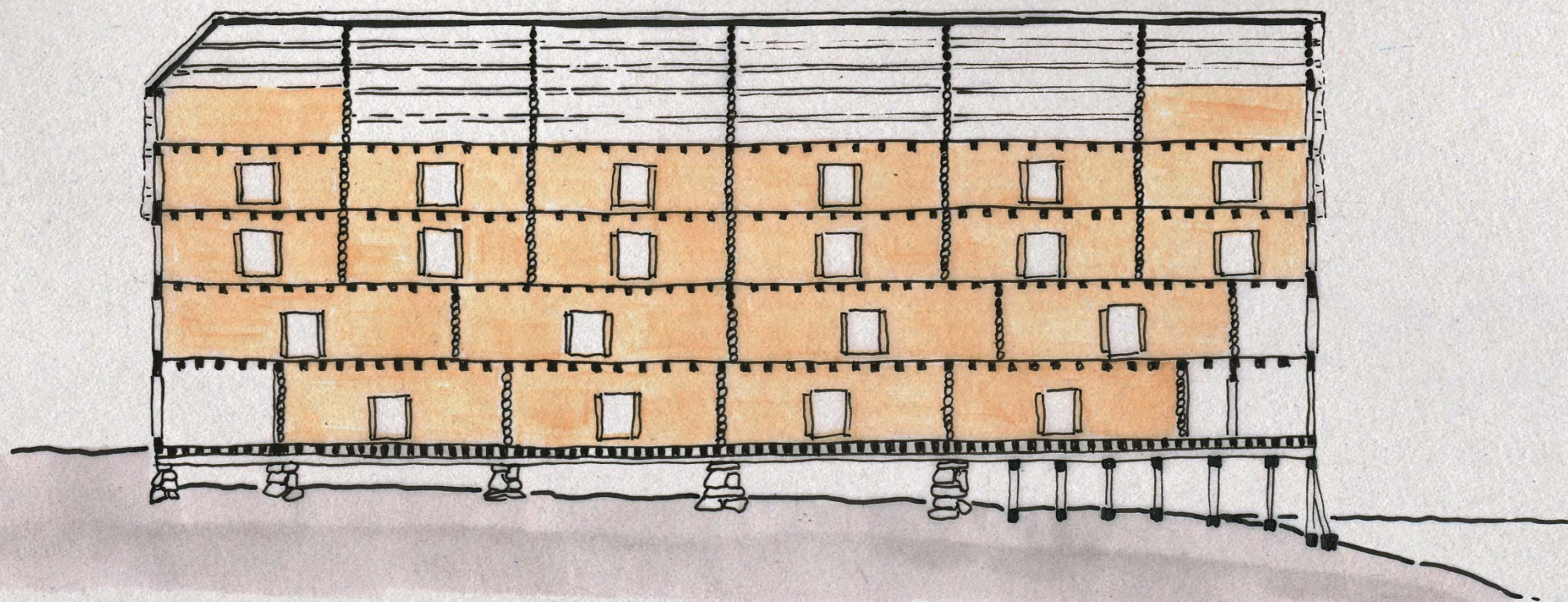
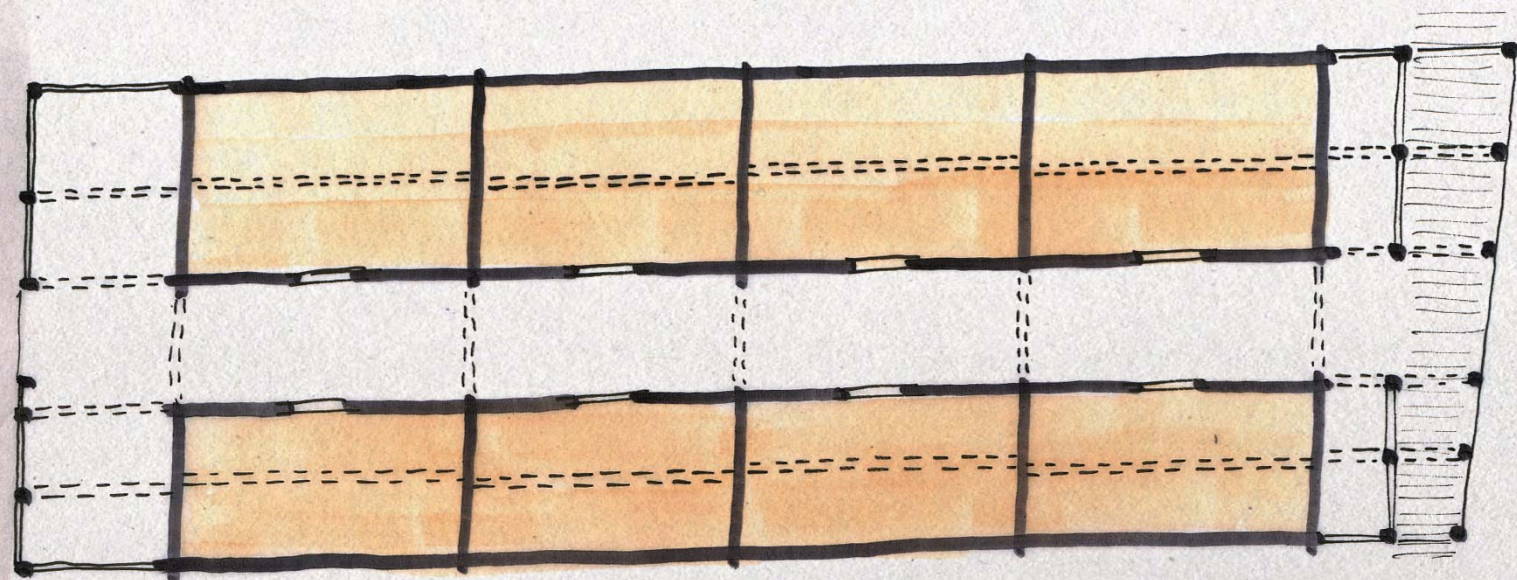
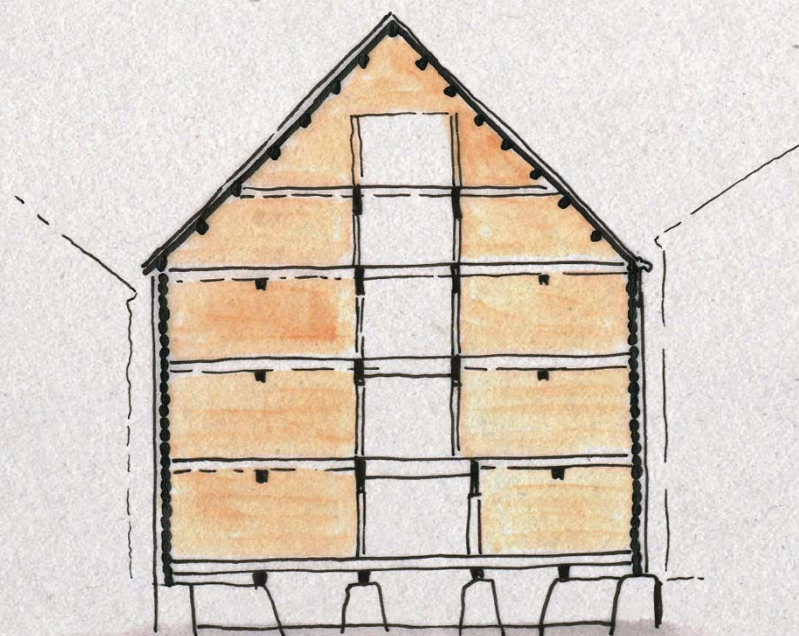
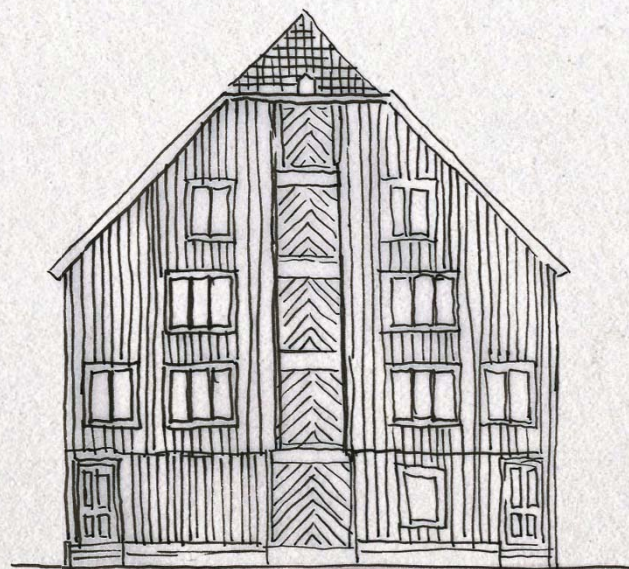
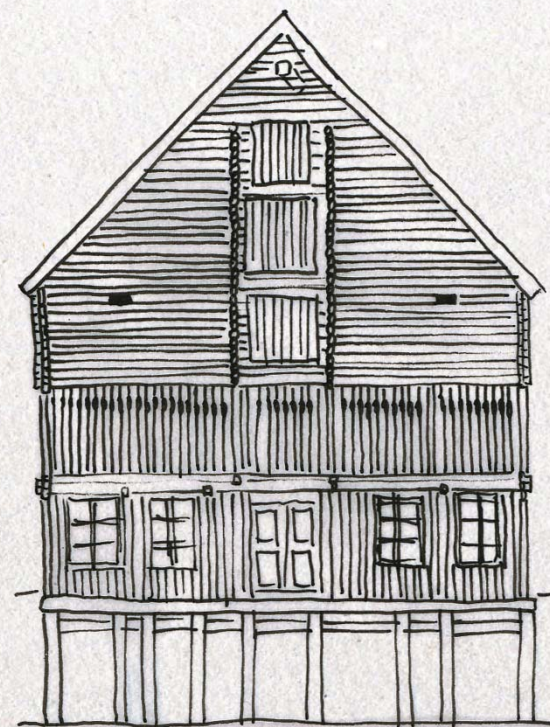
TRONDHEIM
KOMMUNE

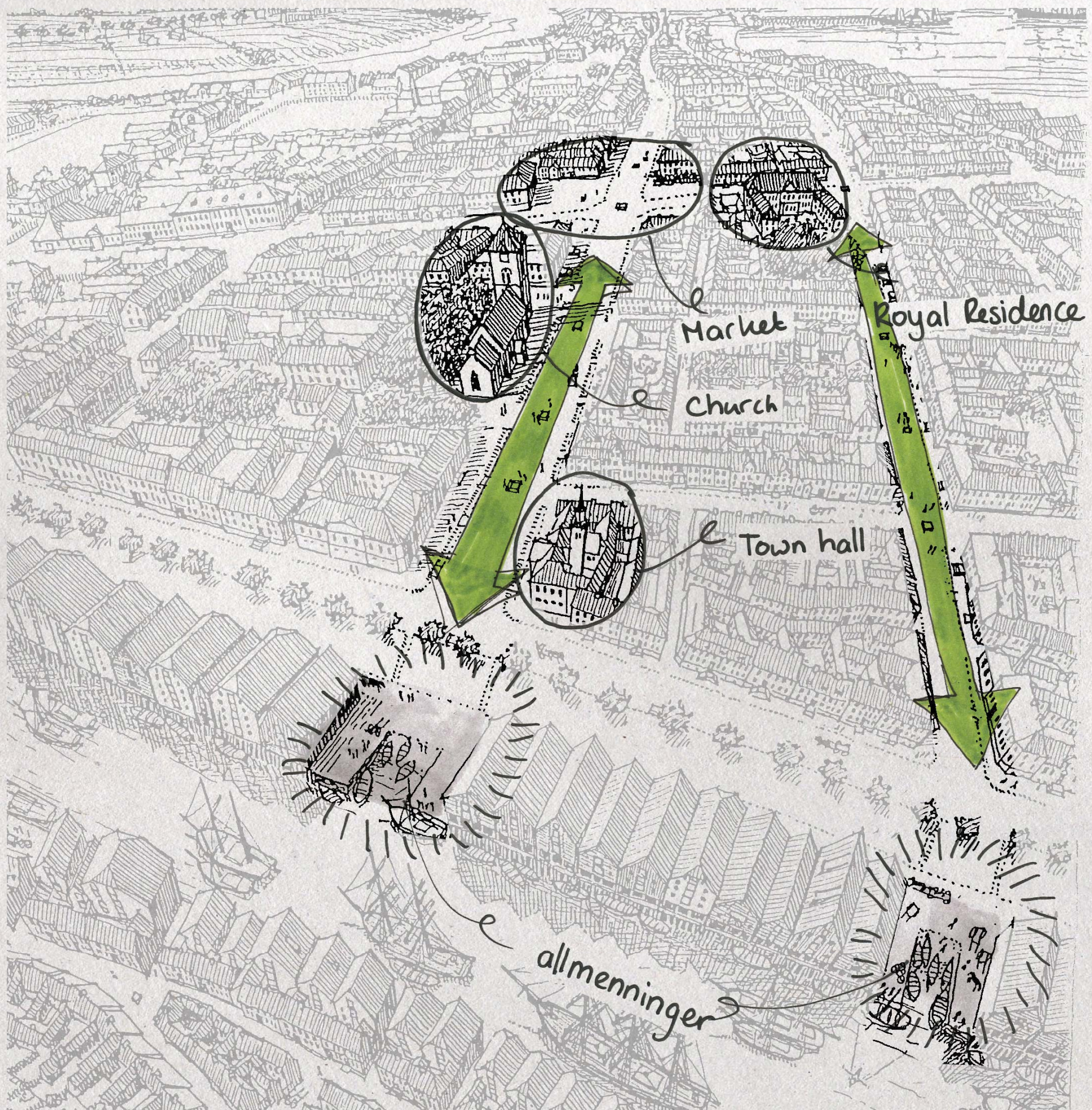






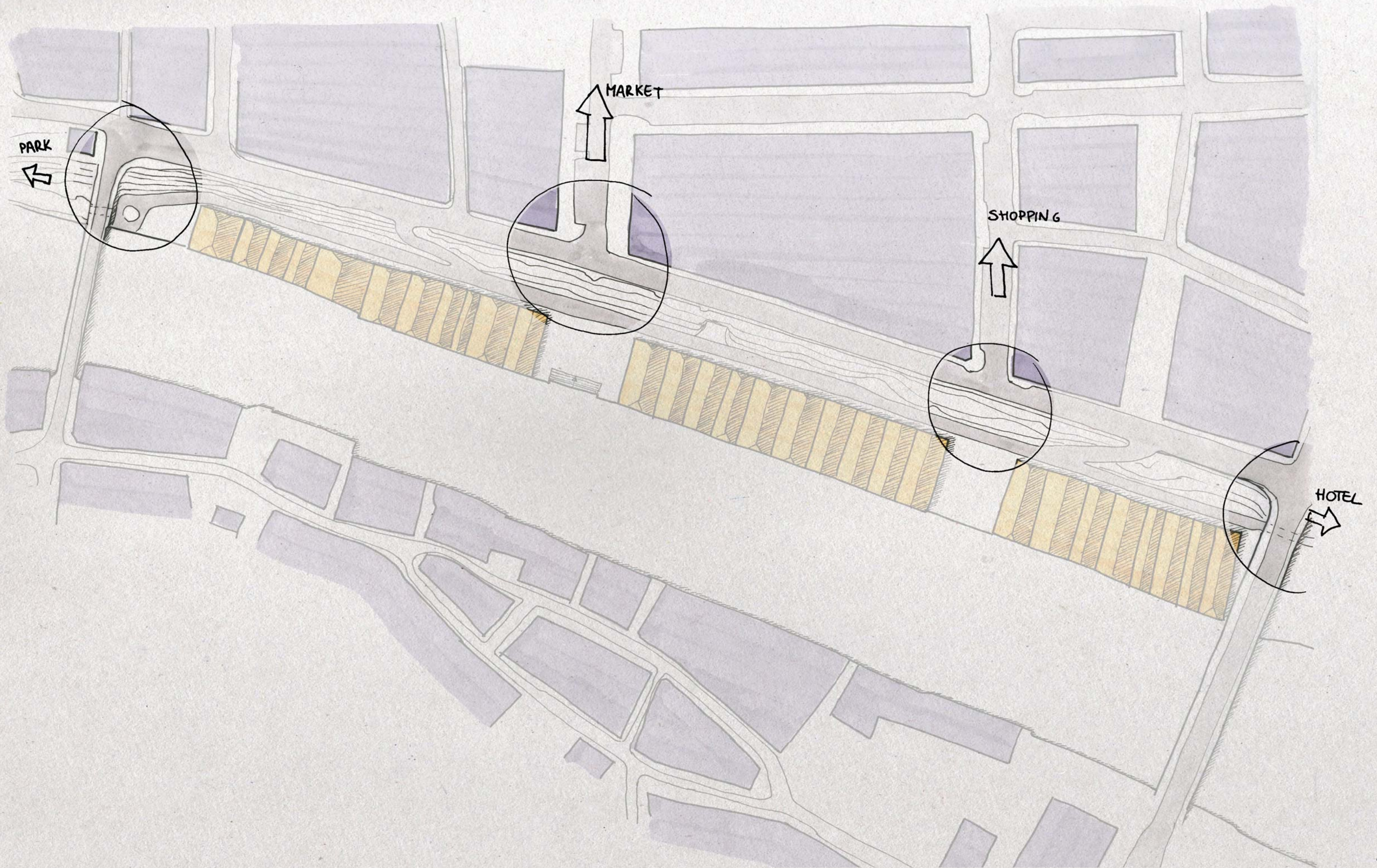


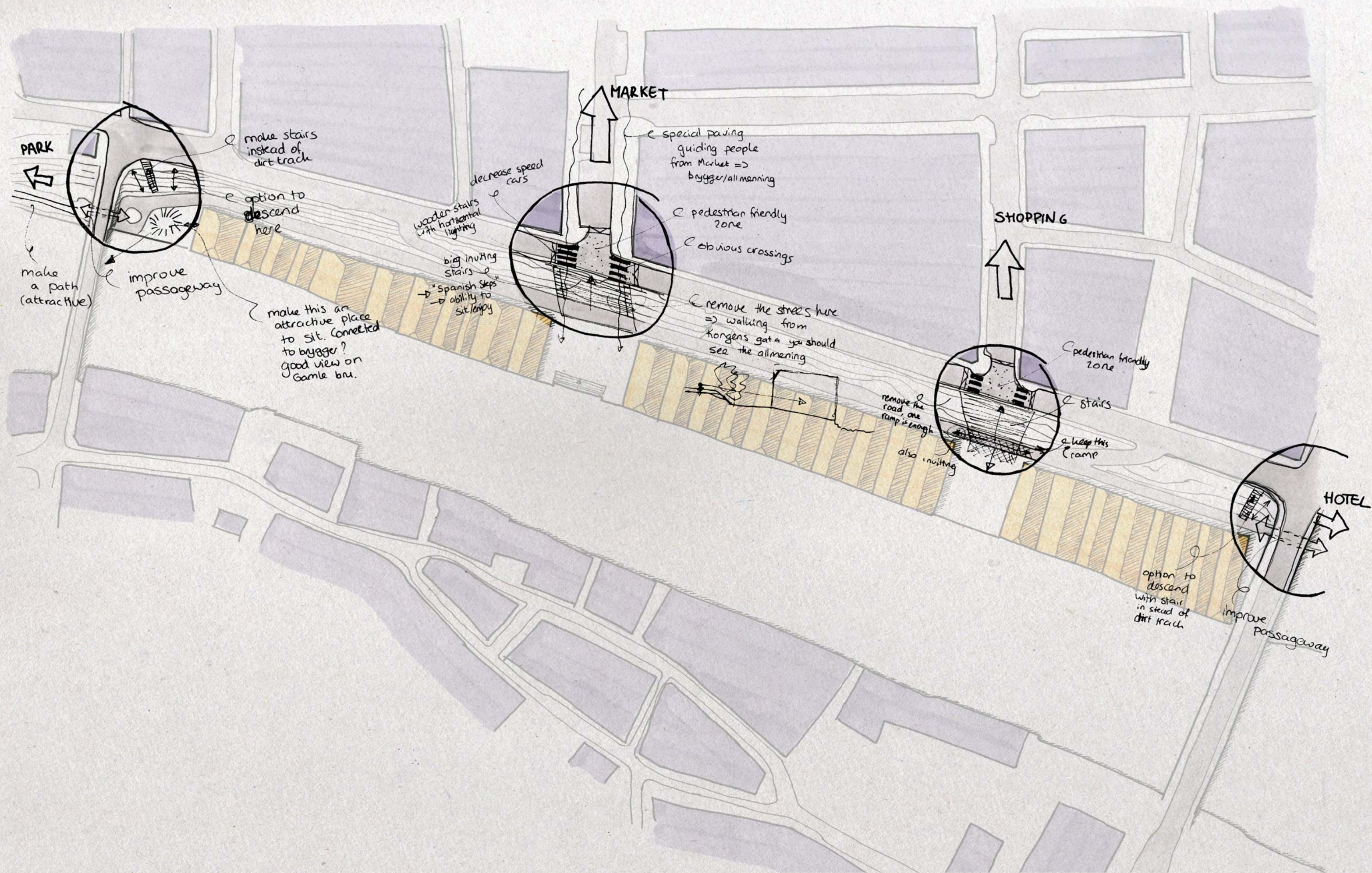


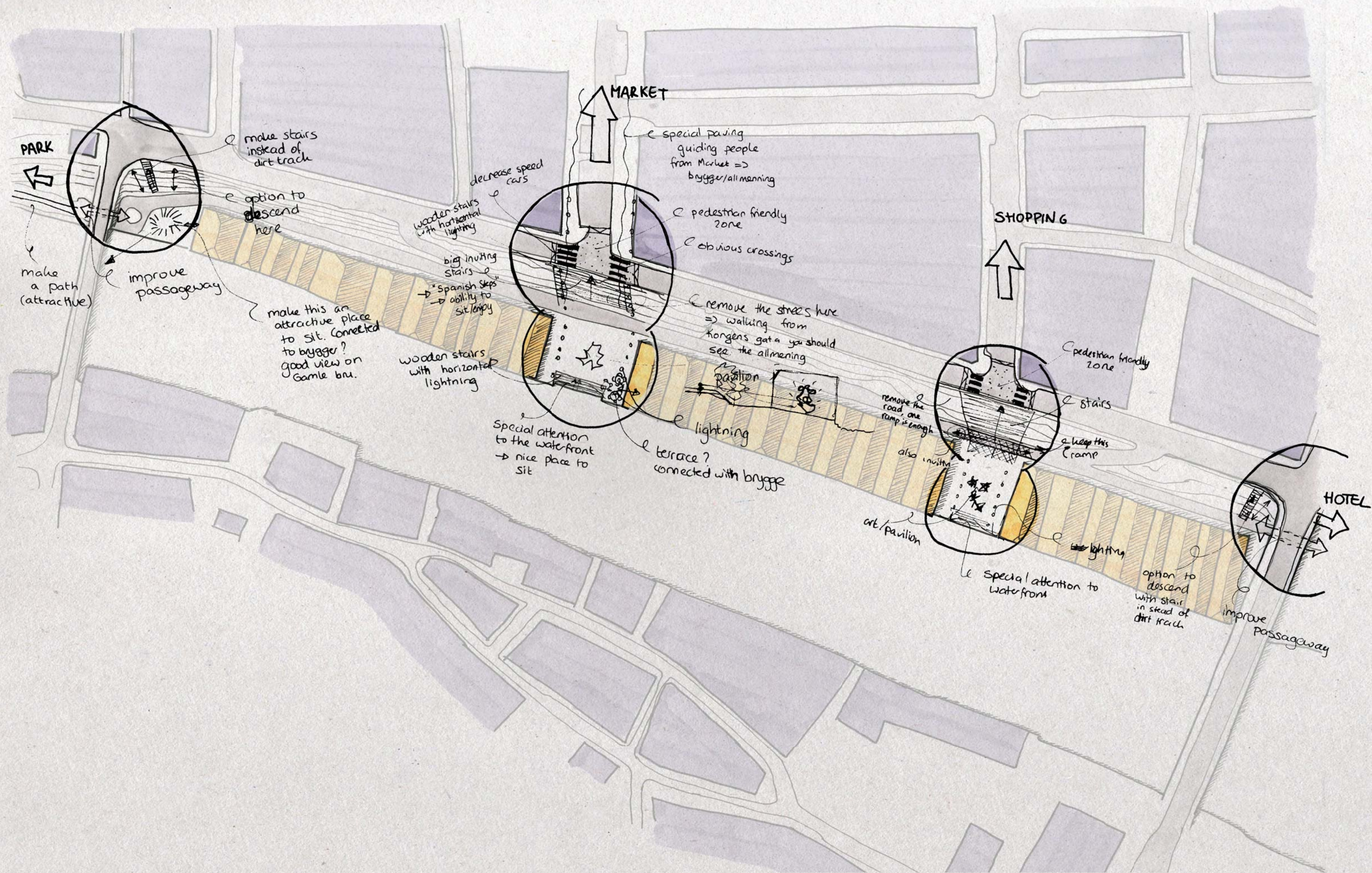


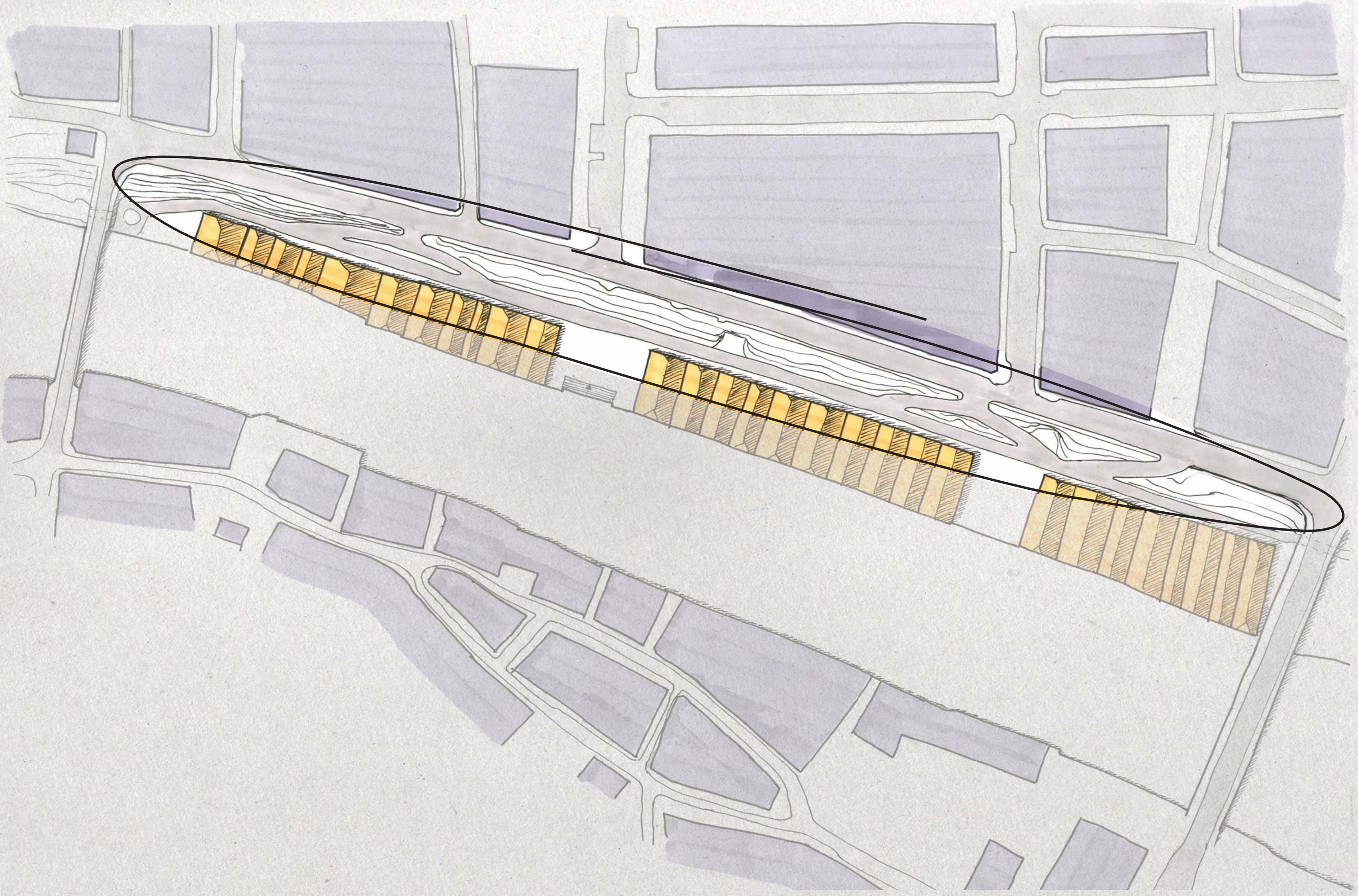


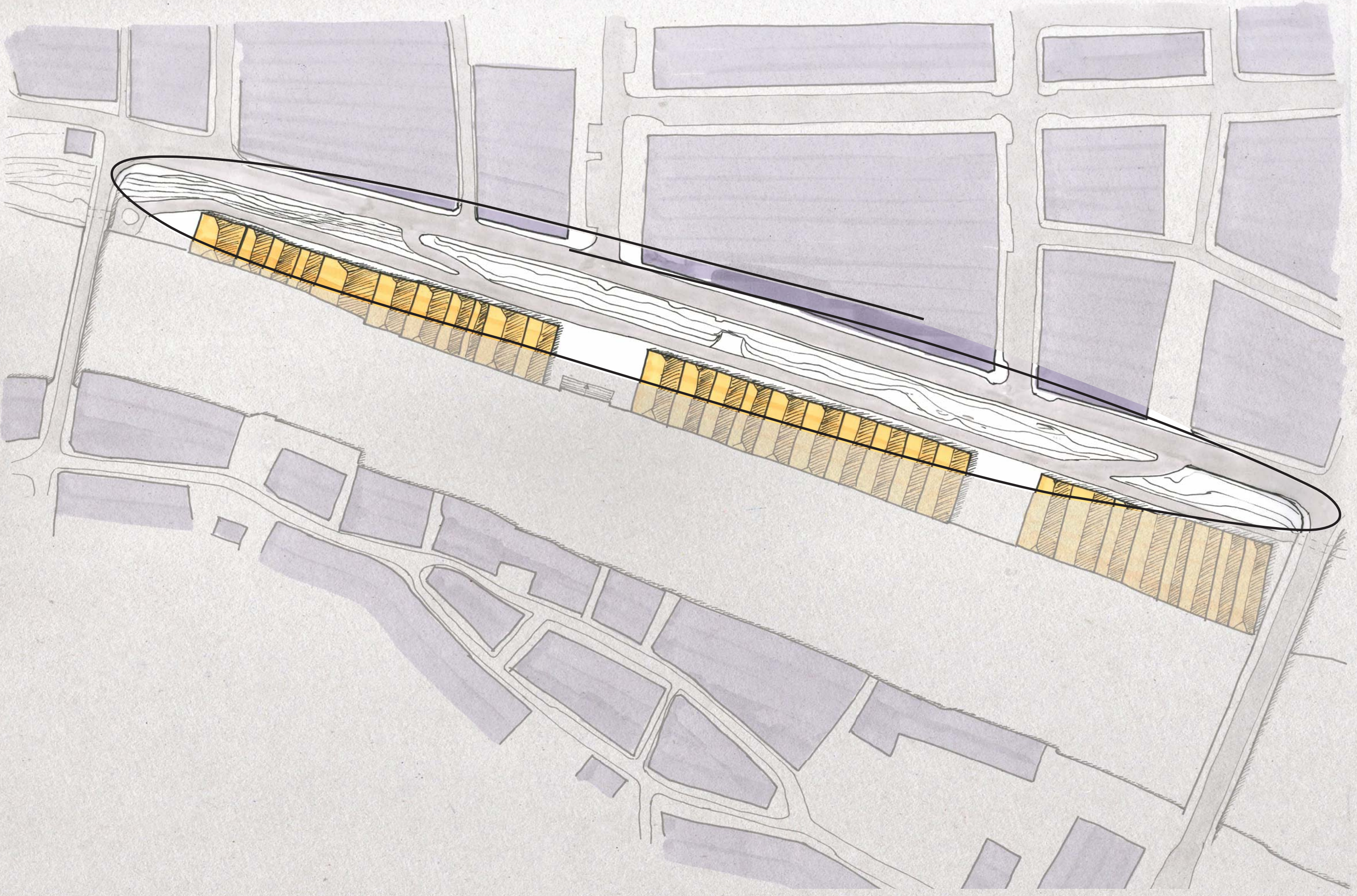
MASTERPLAN



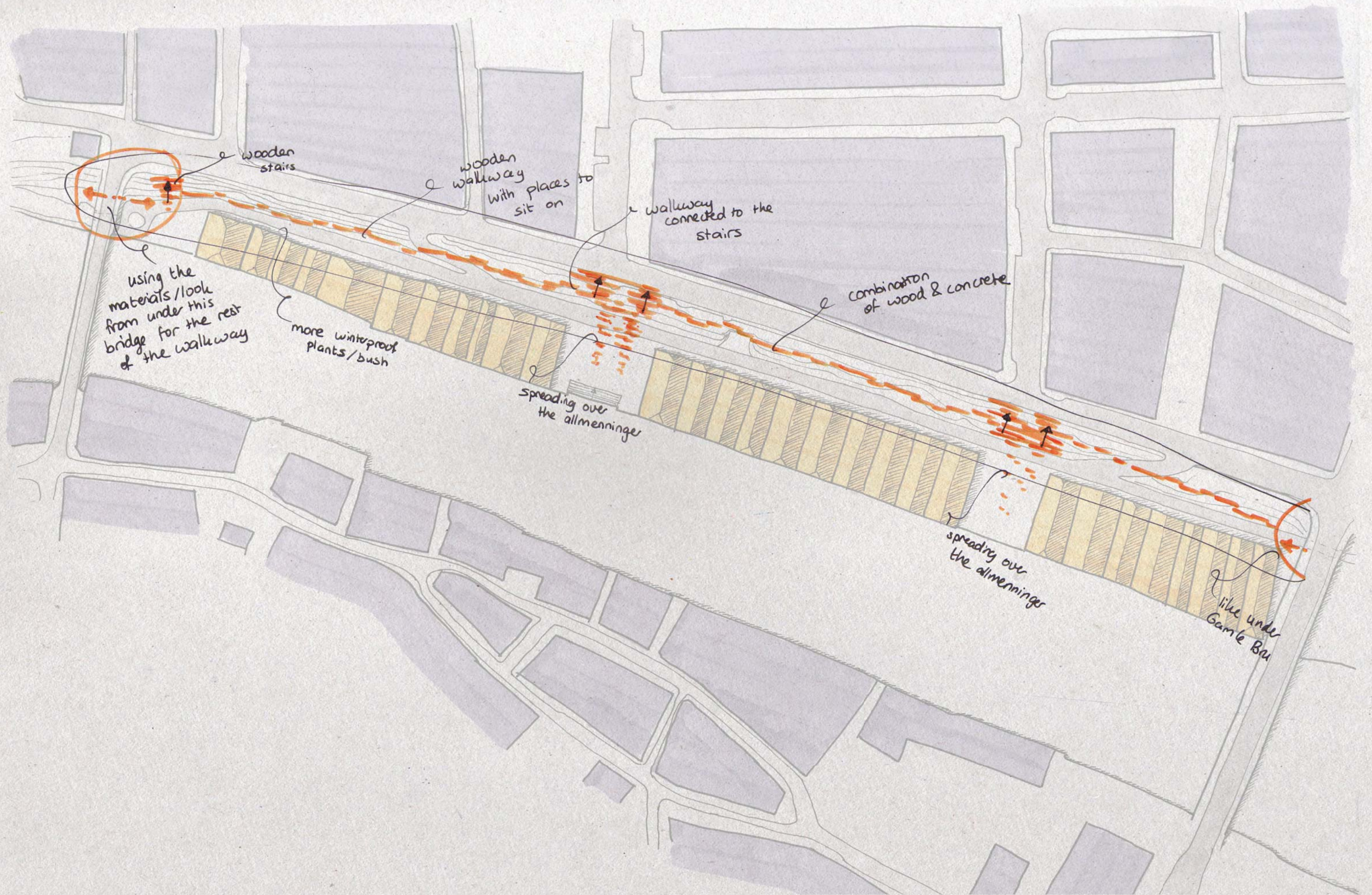














Heritage value



VALUE



HIGH VALUE



VERY HIGH VALUE



Use

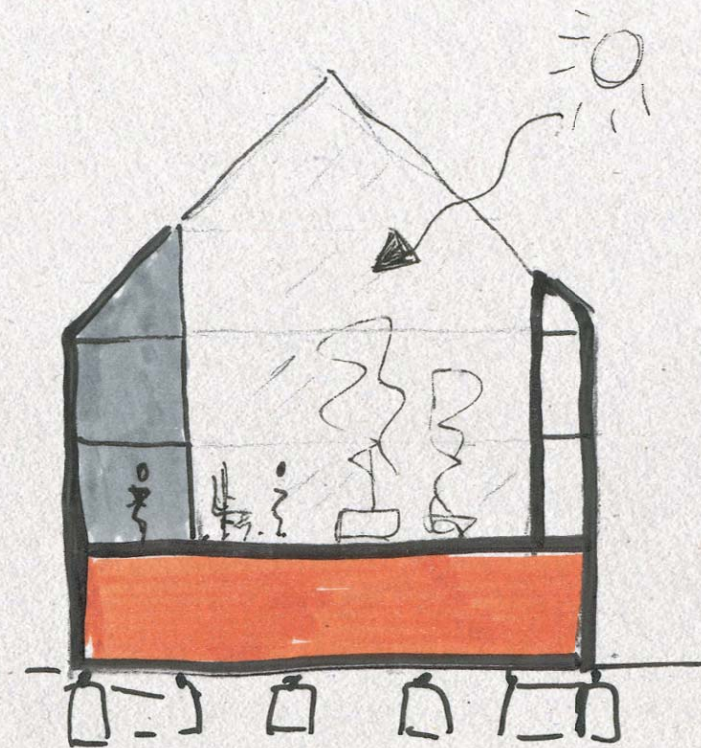
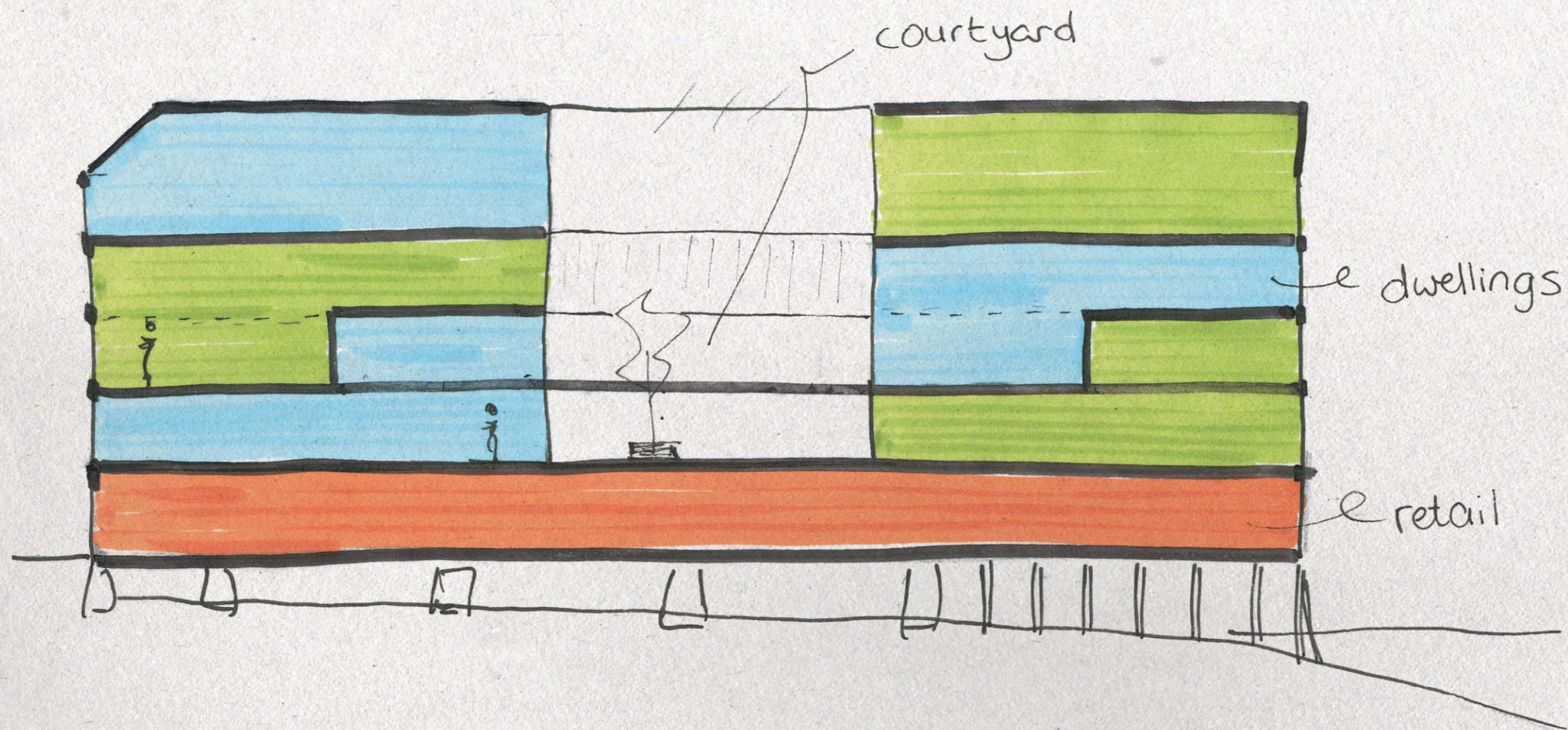
-  NOT OPTIMALLY USED
-  PARTLY VACANT
-  VACANT
-  GOOD USE



Buildings suitable for re-use

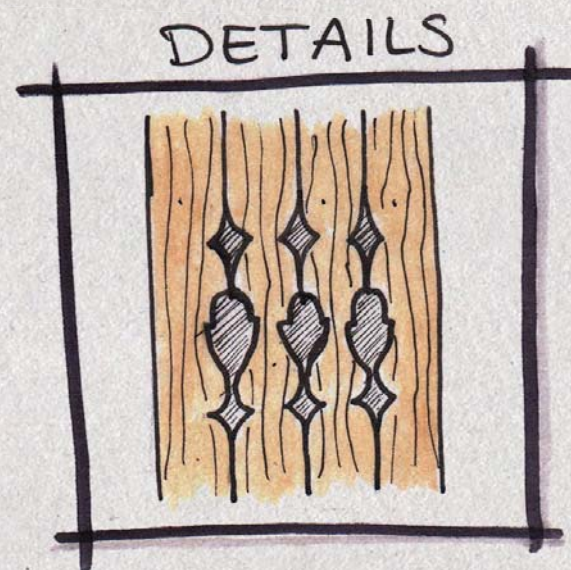
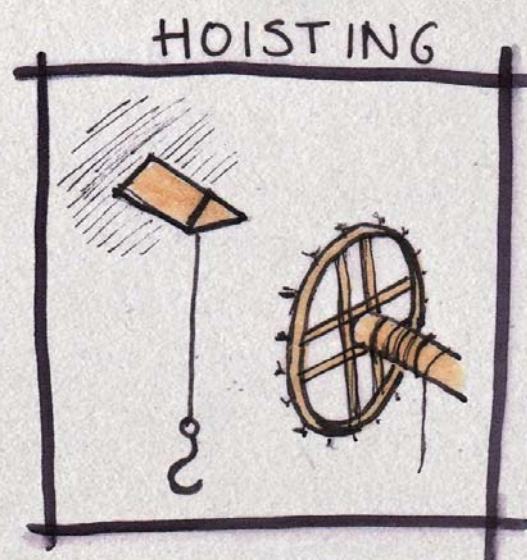
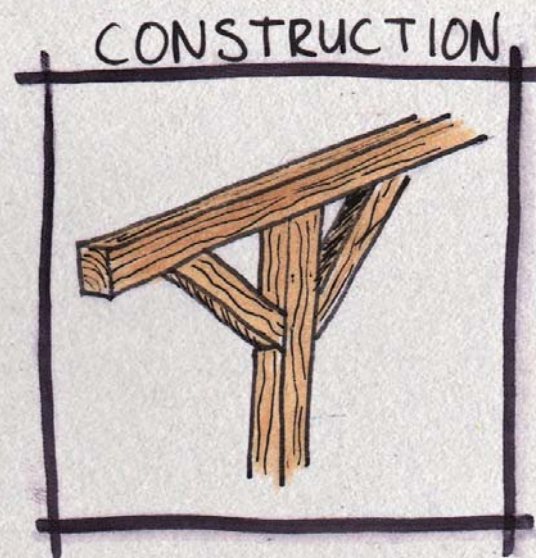
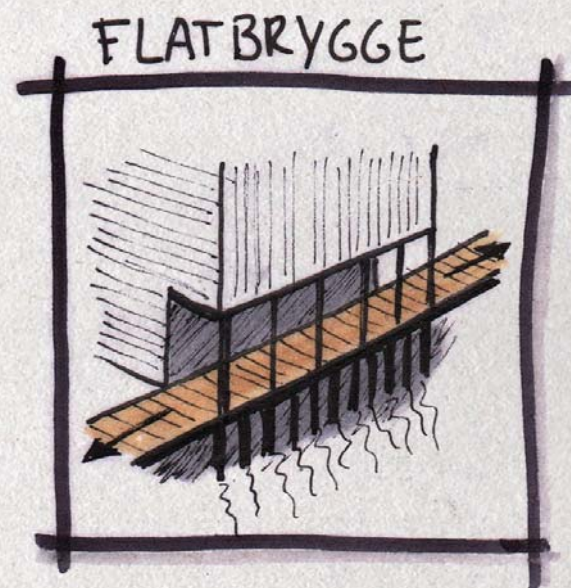
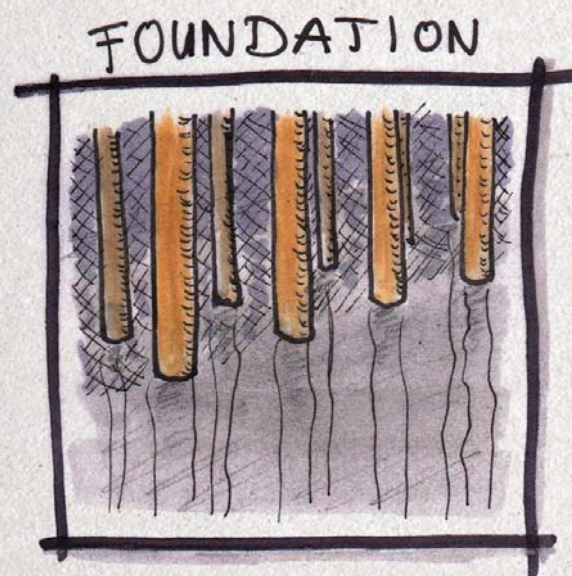
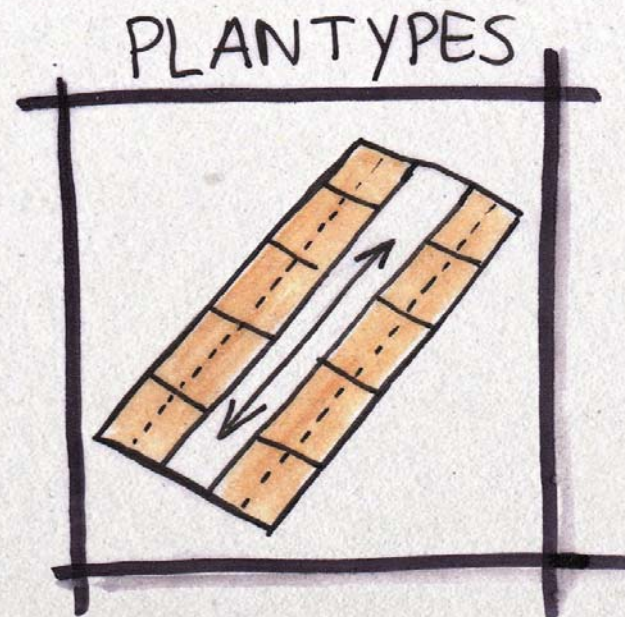
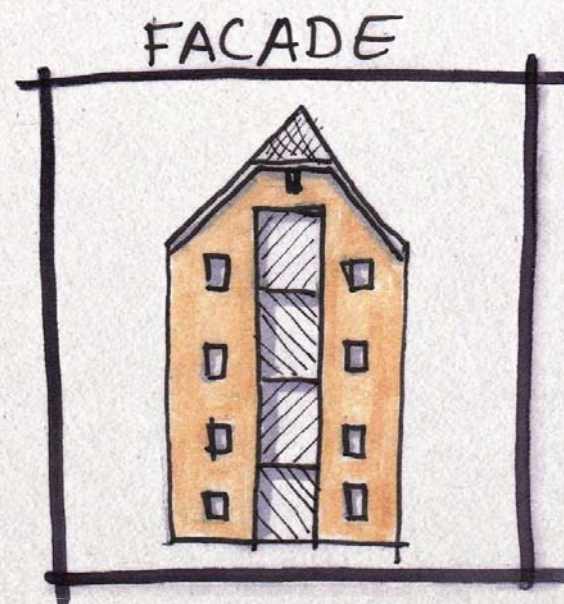
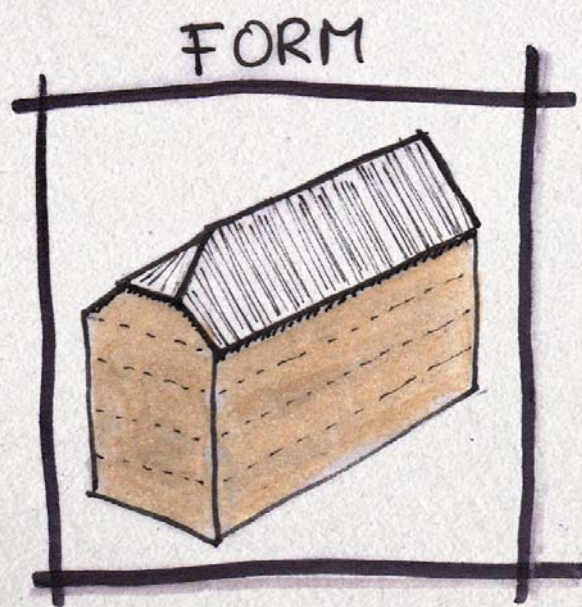
- open up the buildings
- bring in some light & air

Interventions as long as the **IDENTITY** is being preserved



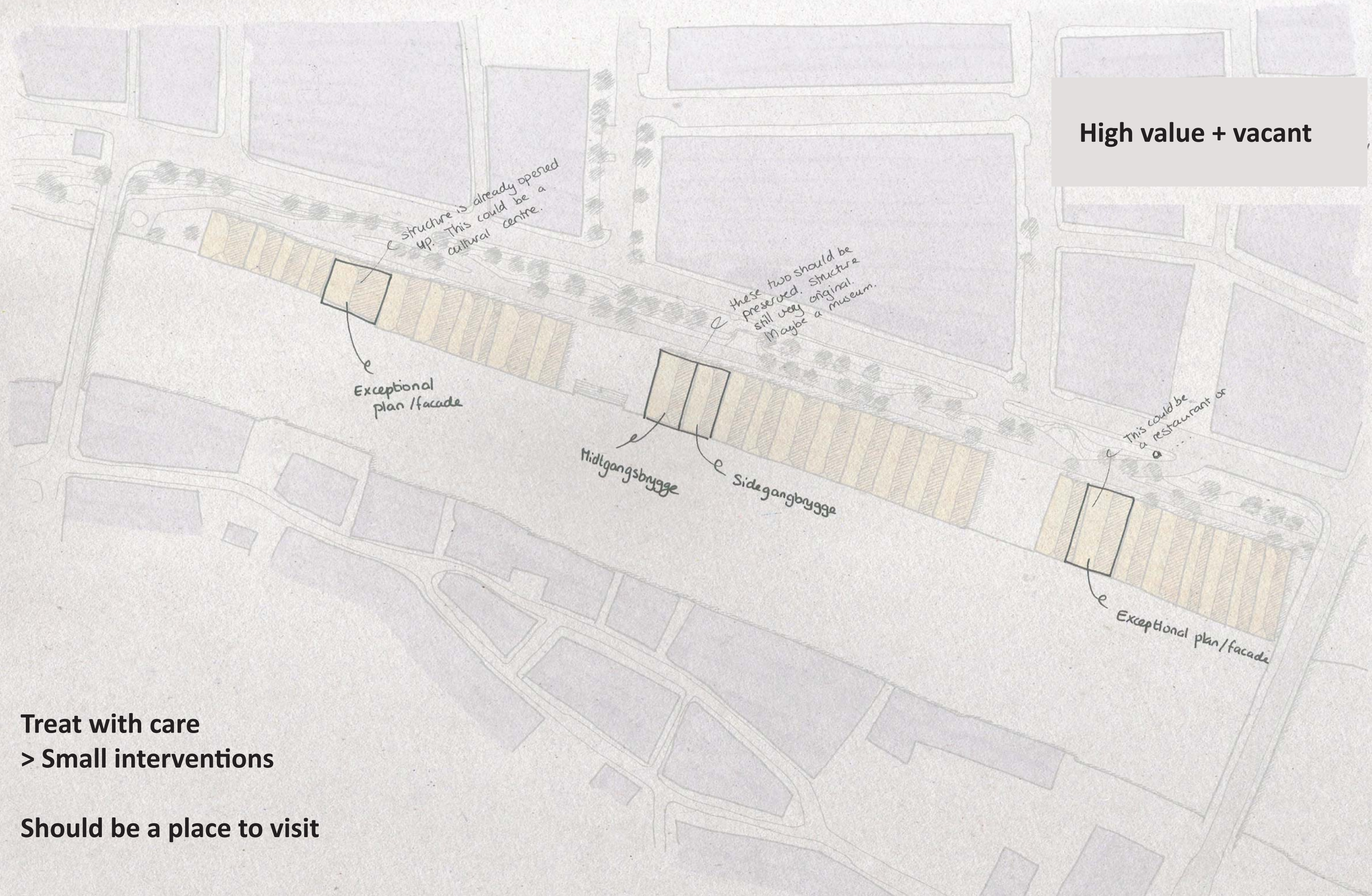
Mixed use

- > Lively public plinth (street level)
creativity and culture
- > Private top floors
offices and dwellings



IDENTITY

High value + vacant



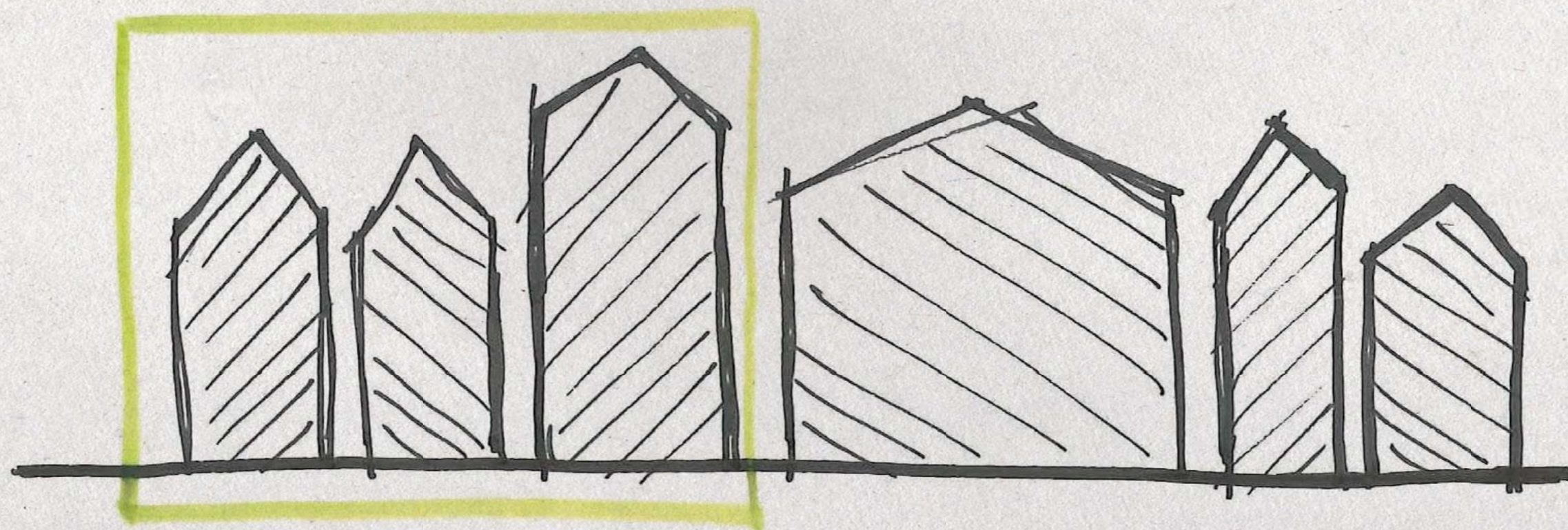
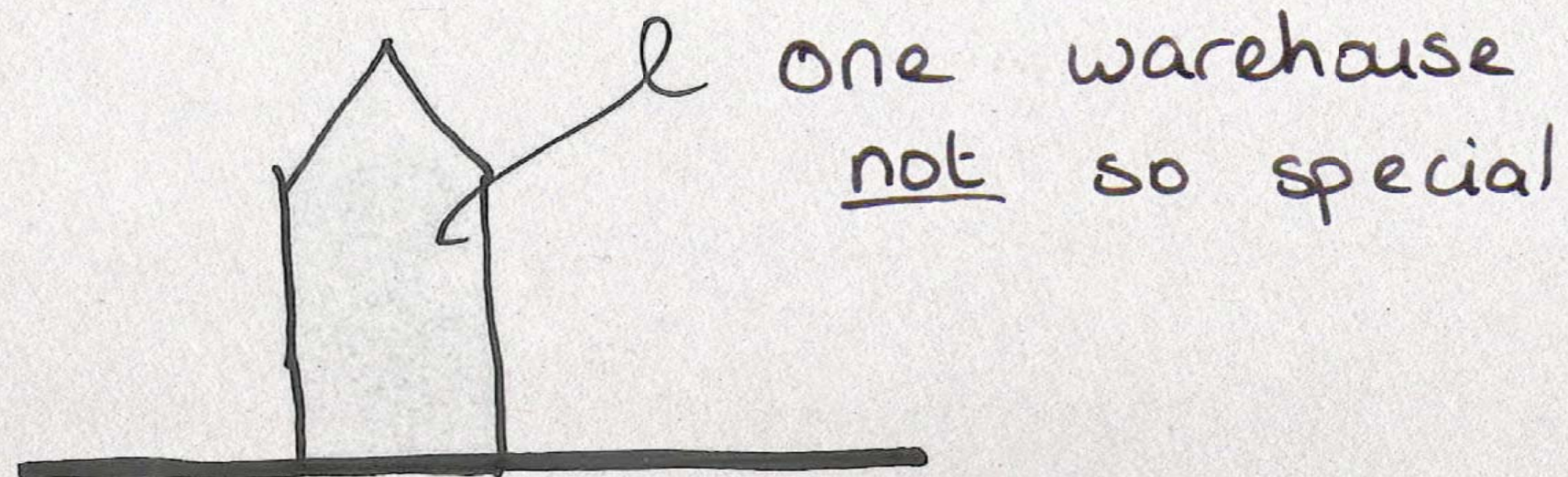
Treat with care
> Small interventions

Should be a place to visit

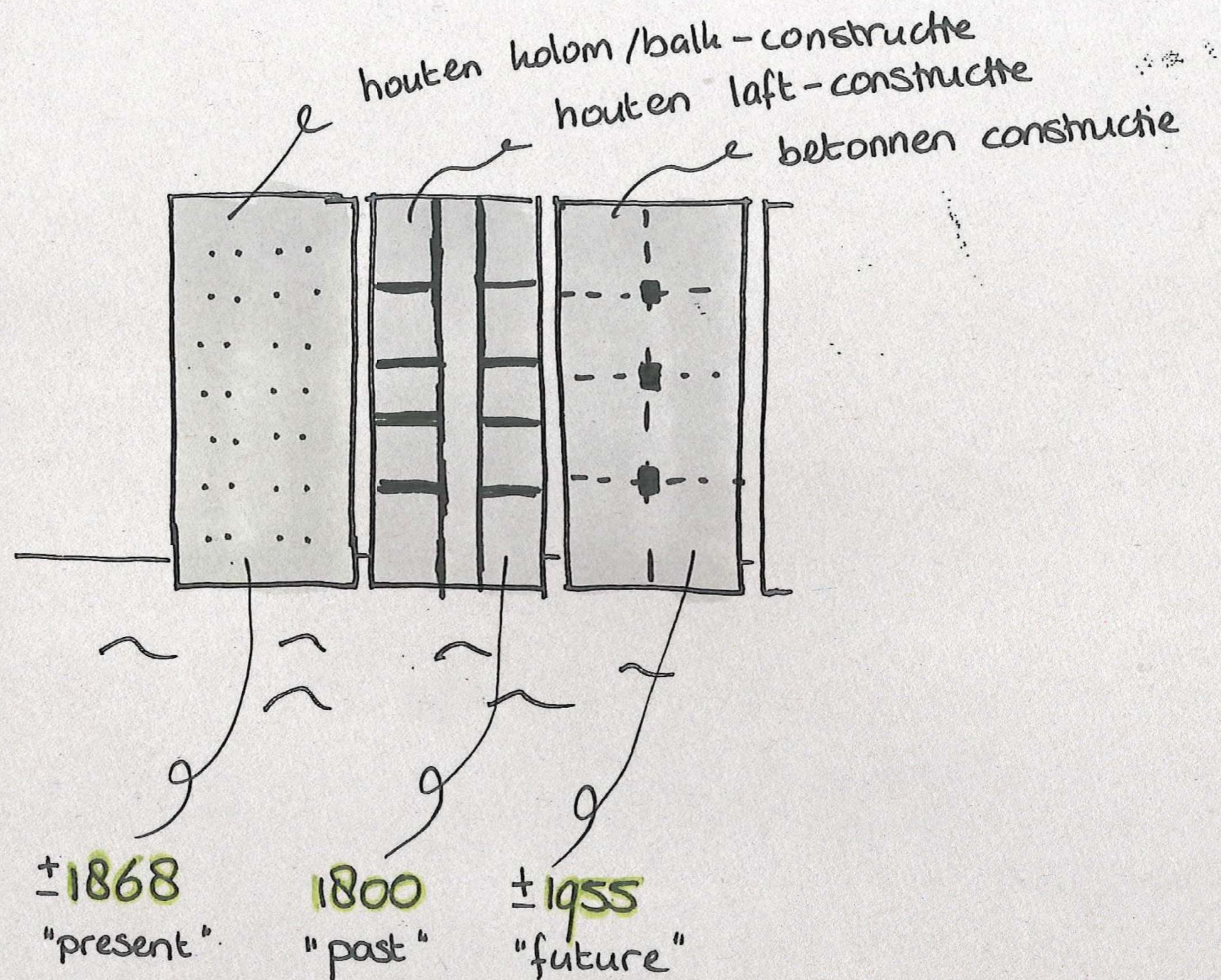
DESIGN

Brygge-museum:

- Brygge publiek toegankelijk
- Geschiedenis van de pakhuizen vertellen
- Mensen naar de omgeving trekken
- Behoud van de brygge



the ensemble makes it so special



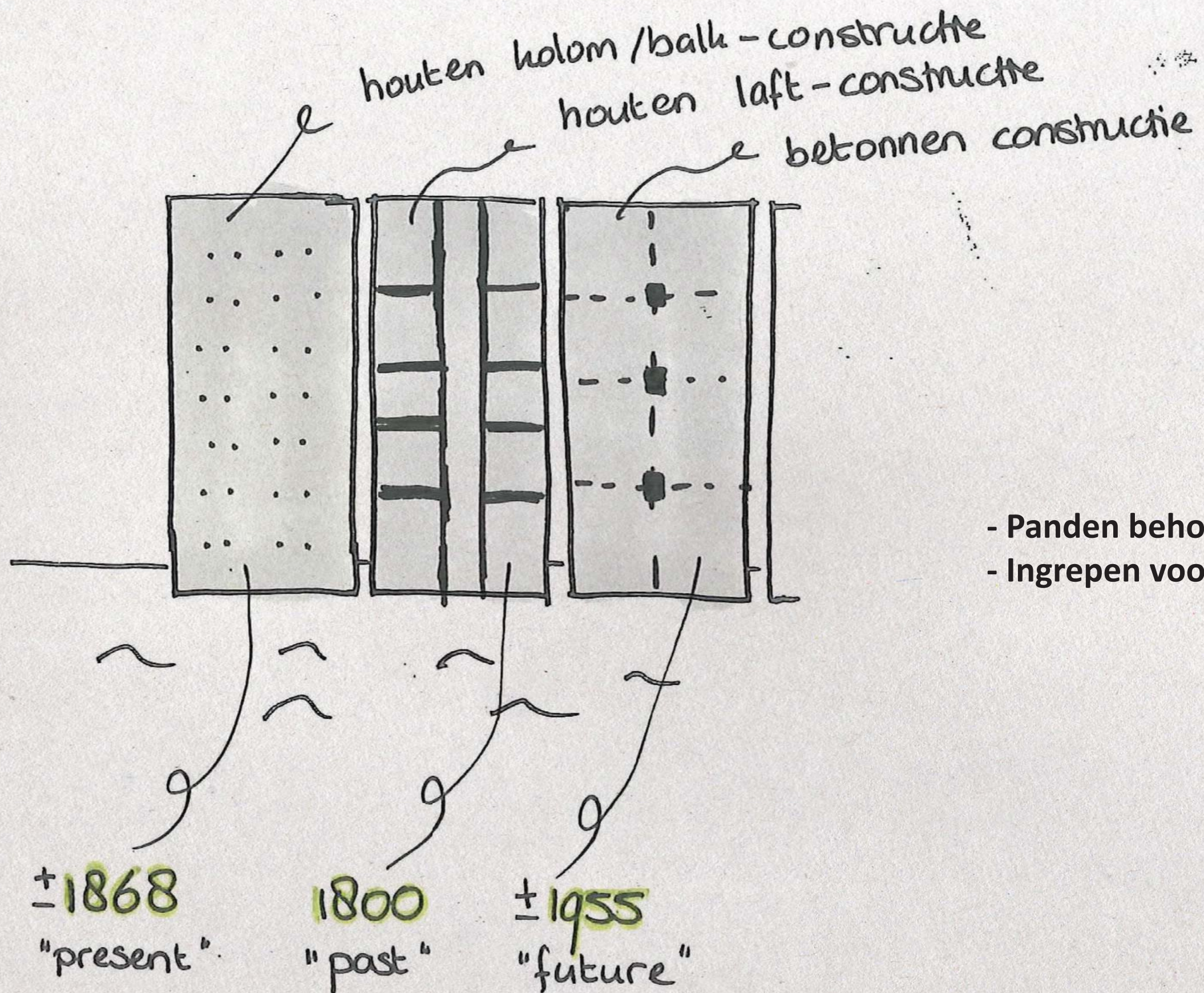
Het Brygge-museum zal bevatten:

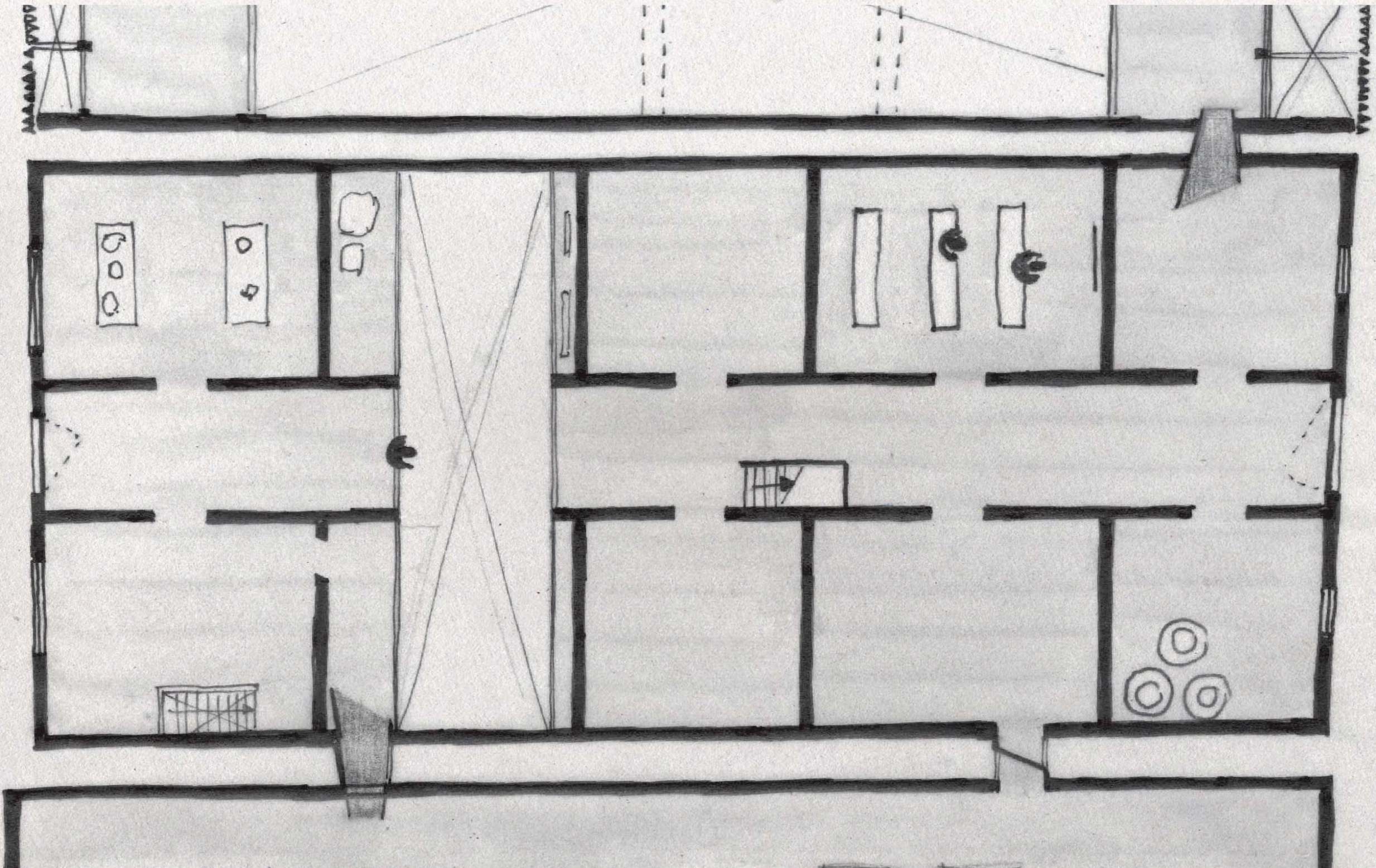
- Vaste expositie over de bryggen en handelsgeschiedenis
- Wisselende expositie ruimtes
- Atelier ruimtes
- Workshop ruimte
- Cafe/restaurant
- Museumwinkel

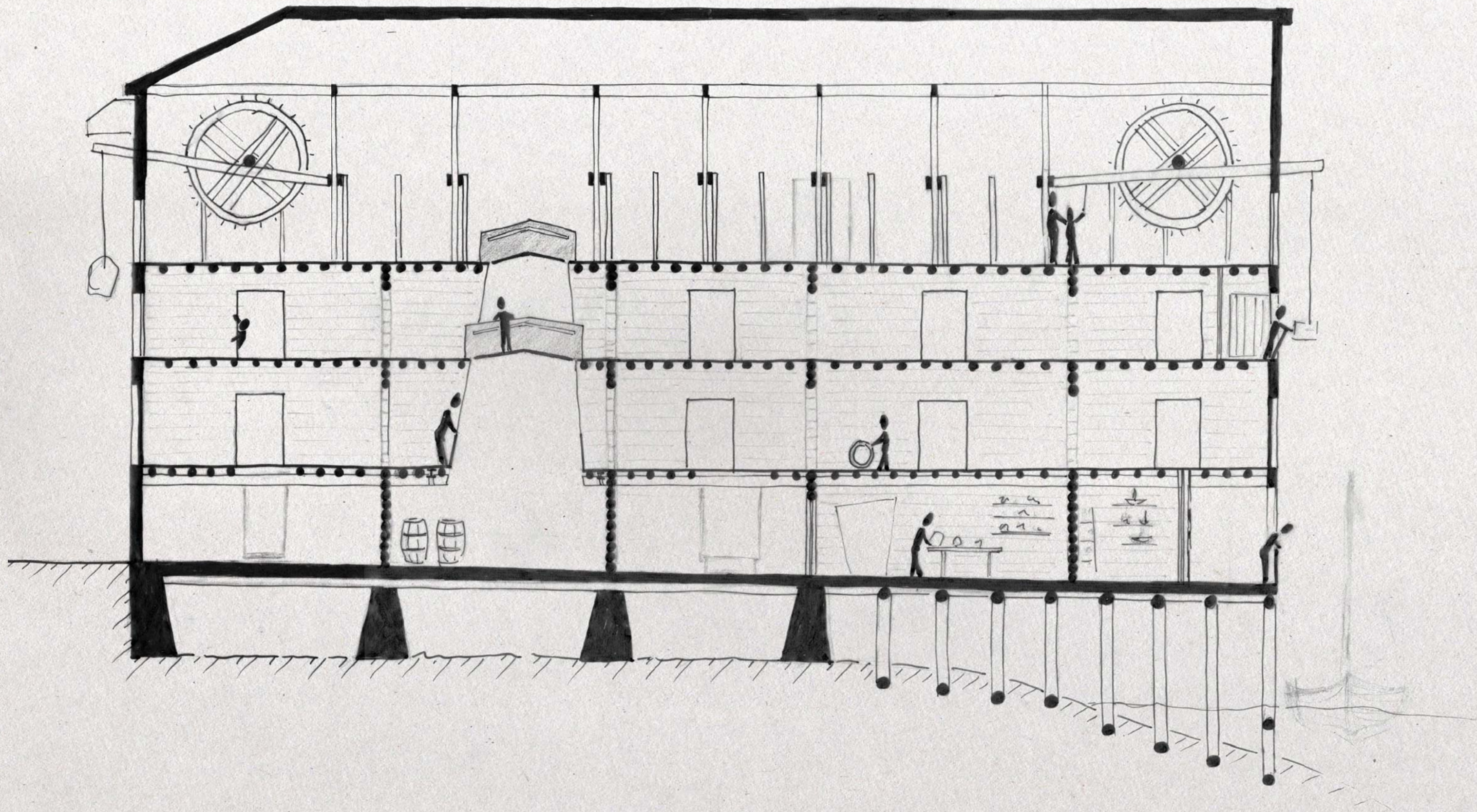


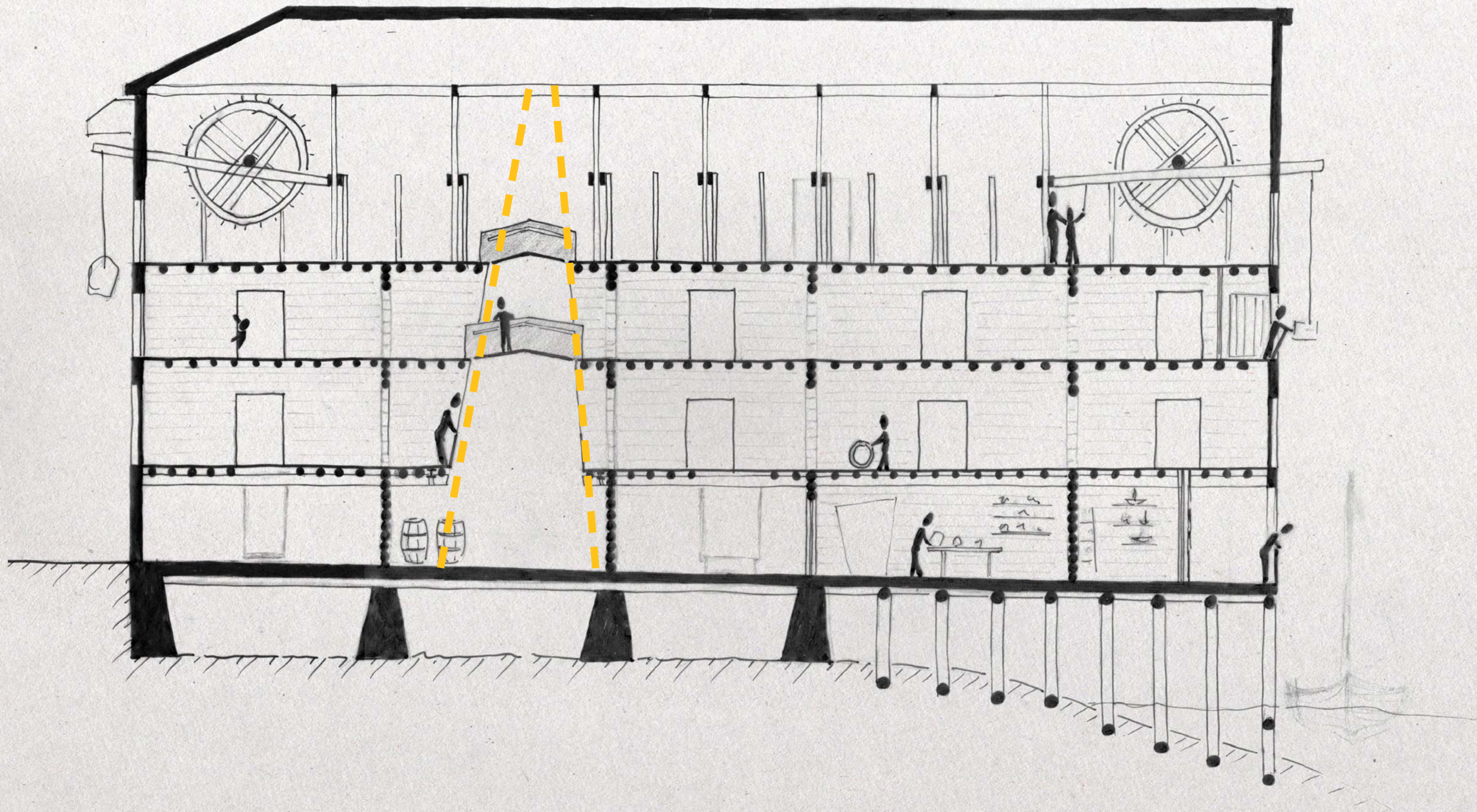
- Panden behouden individuele identiteit
- Ingrepen vooral binnen
- Ingrepen van buiten subtiel
- Ingrepen duidelijk nieuw maar in harmonie met het oude
- Ingrepen dwars op oude structuur richting gebouwen

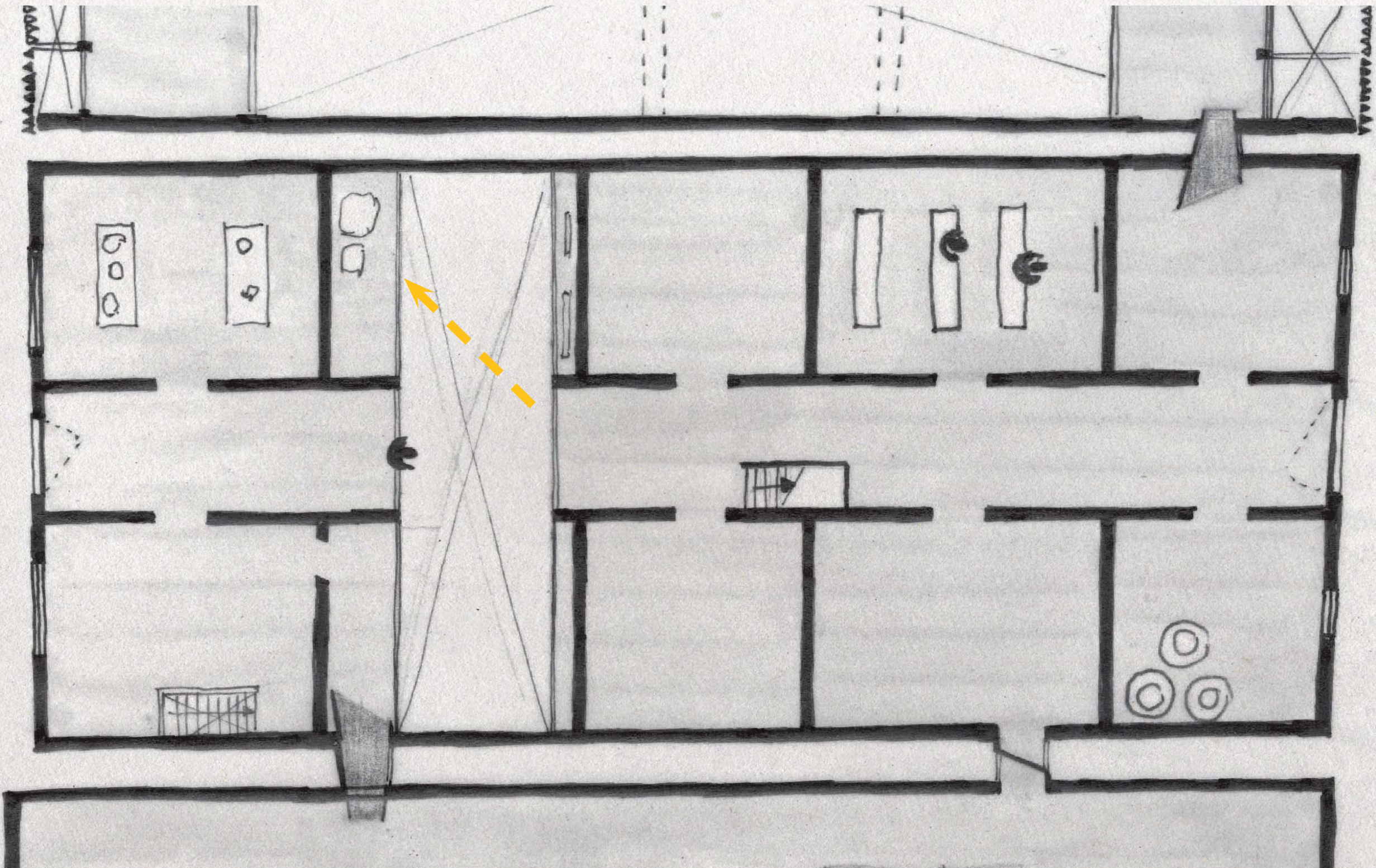
PAST / PRESENT / FUTURE

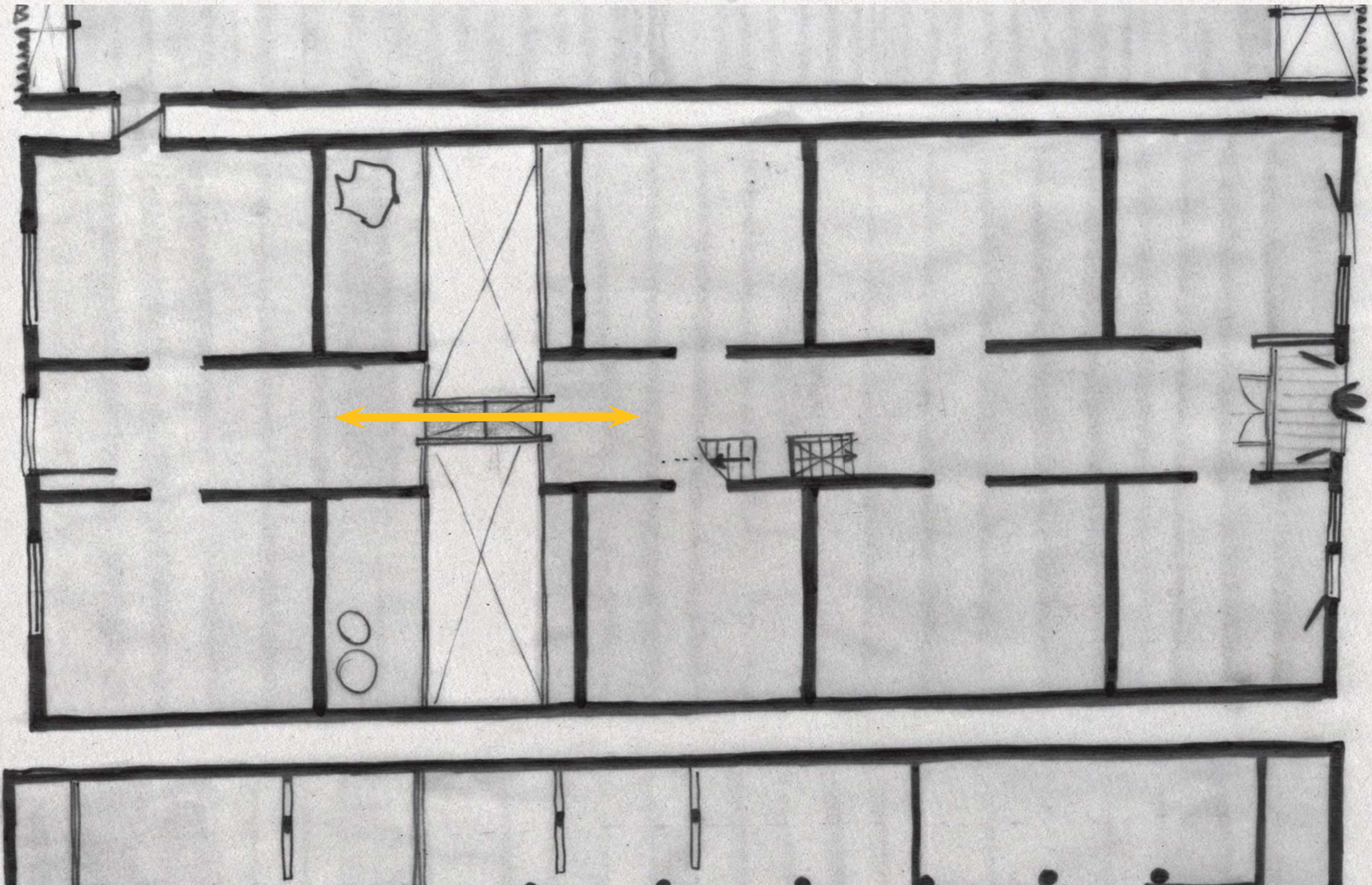




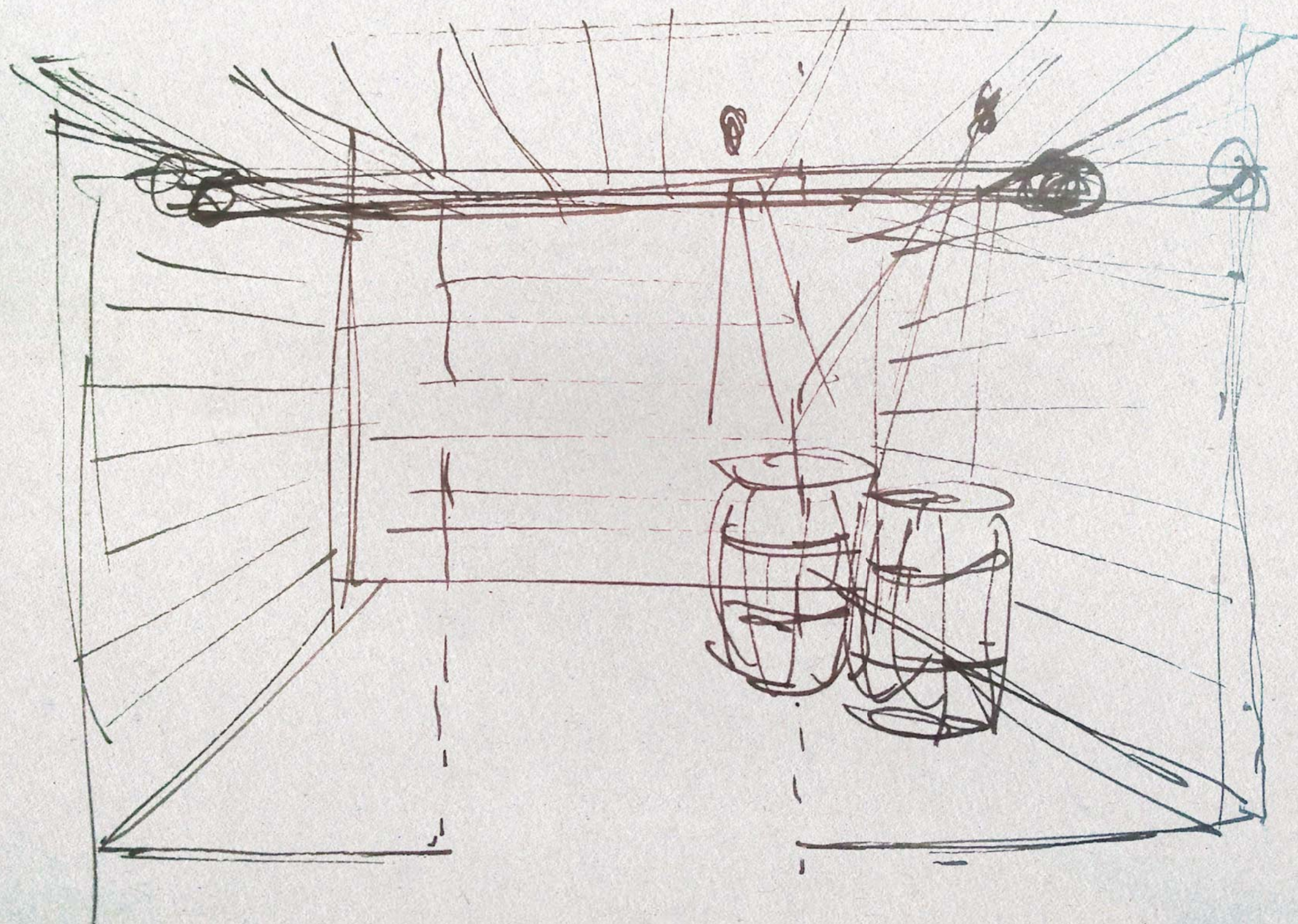


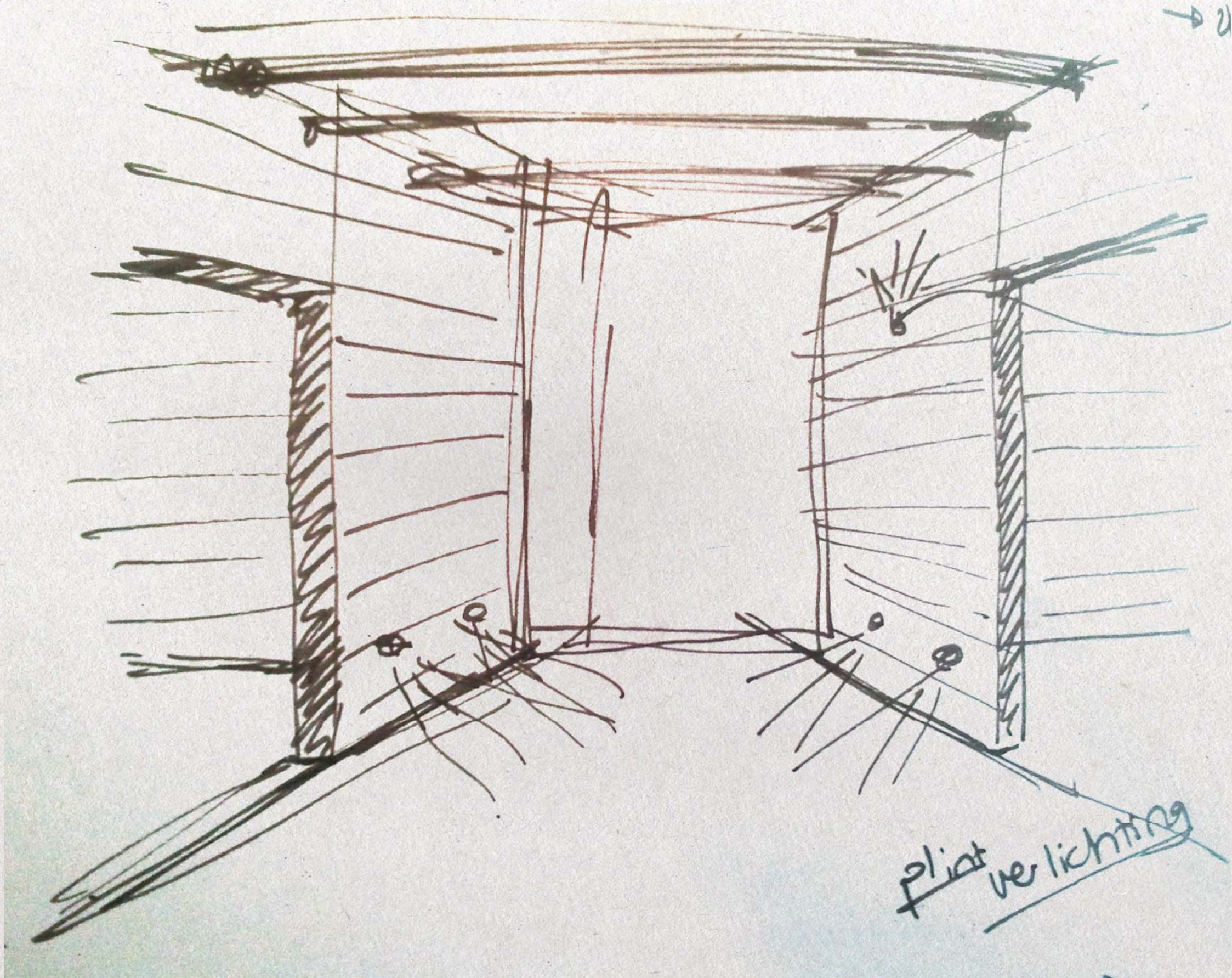


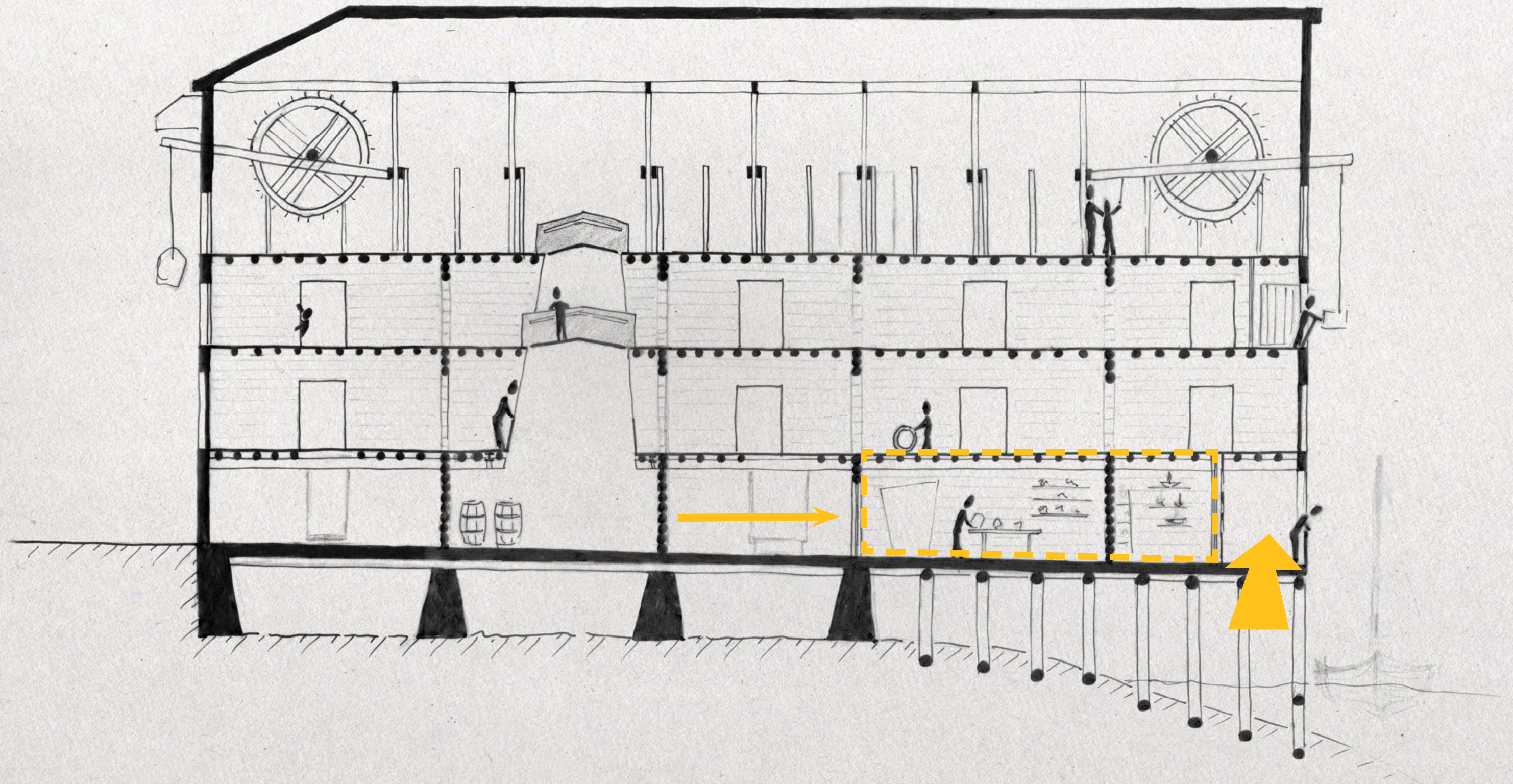


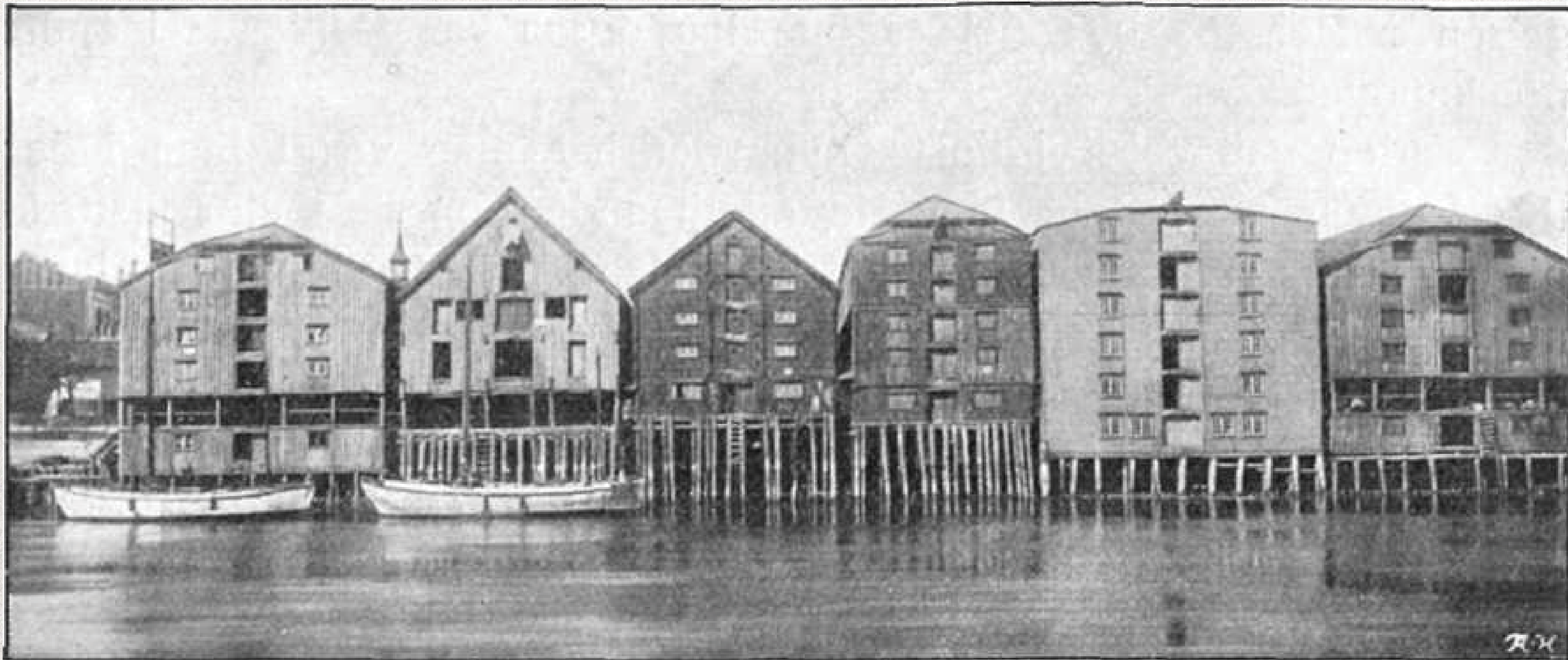


verlichting $\Rightarrow$ MINIMAAL !!

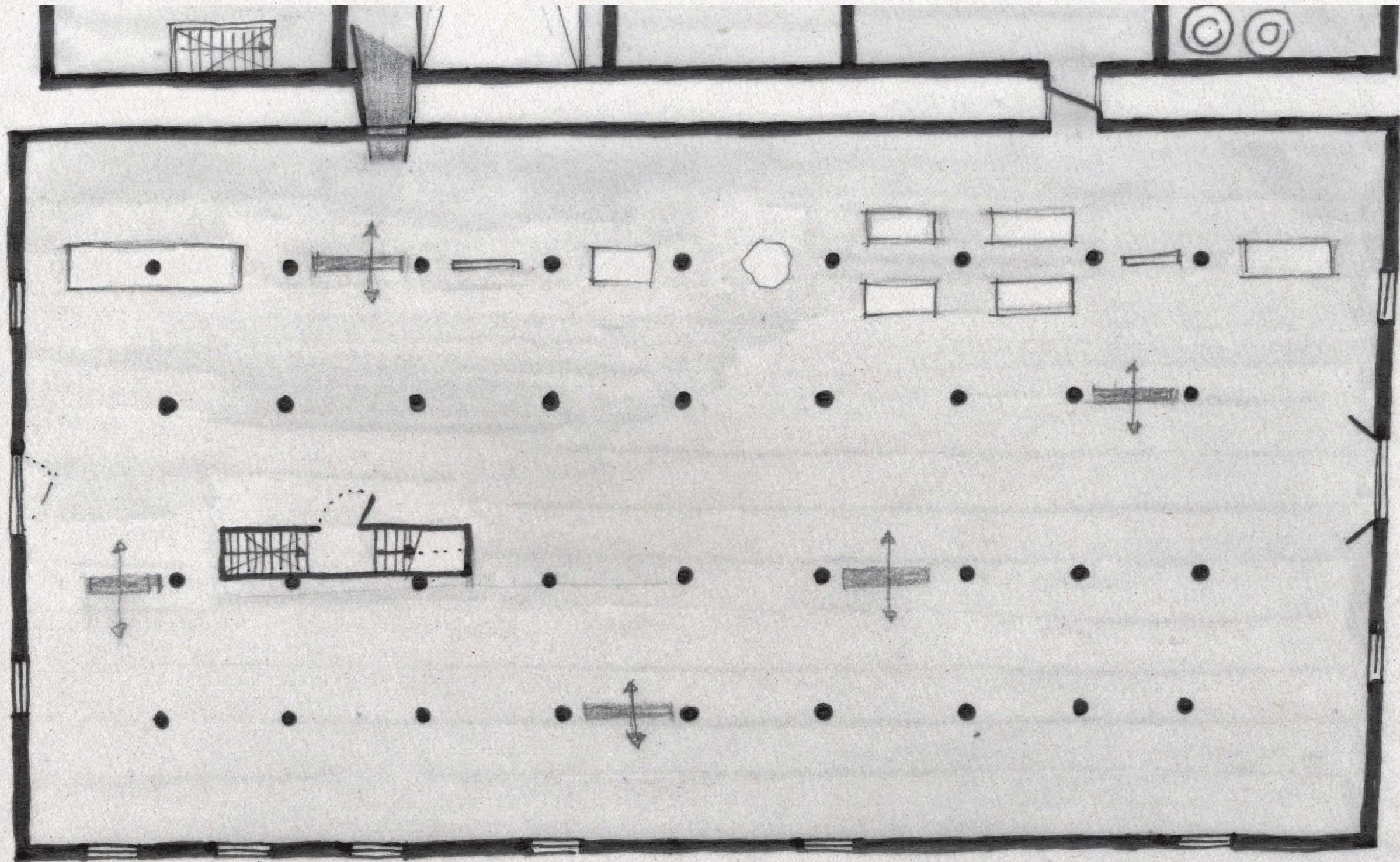


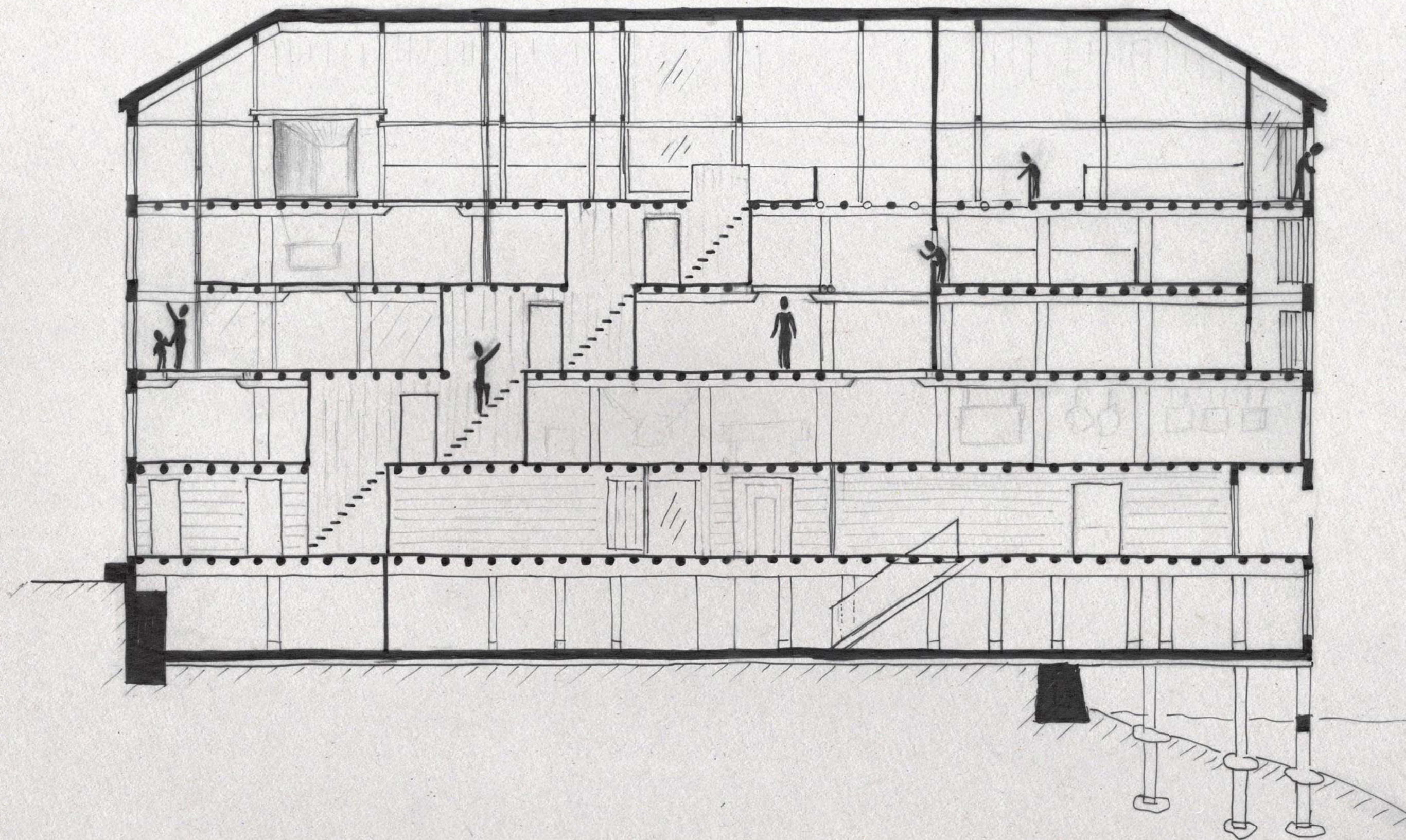


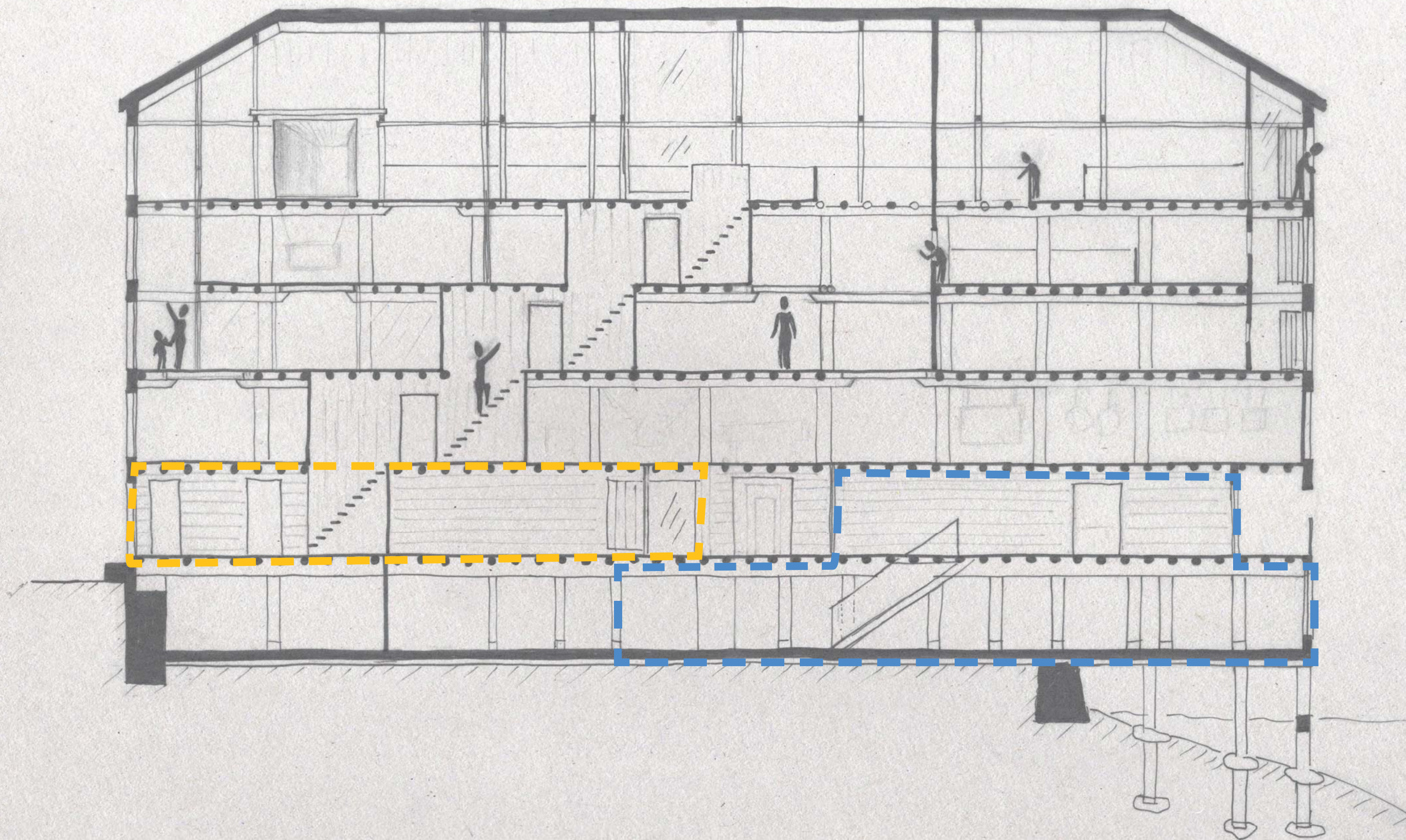


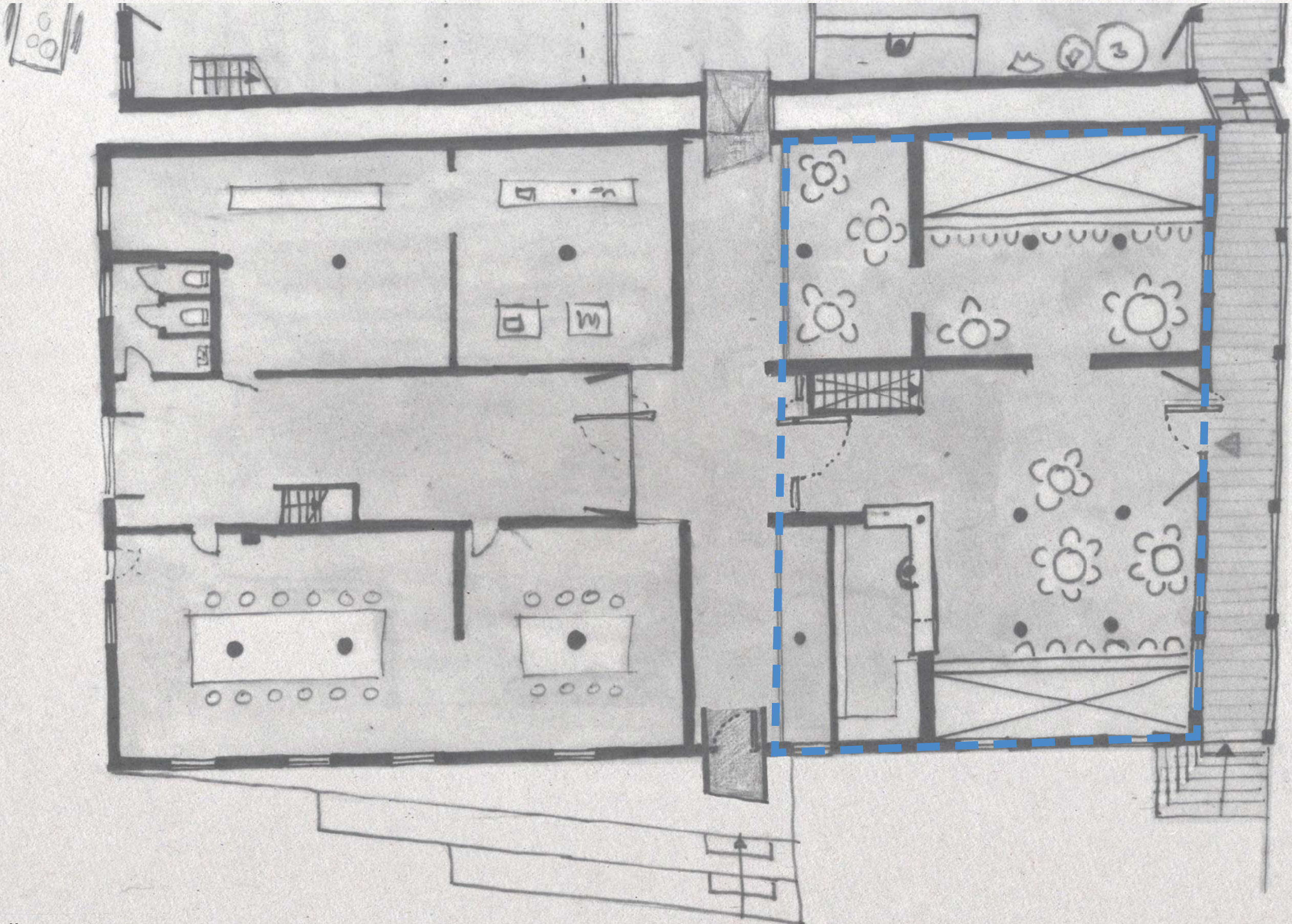


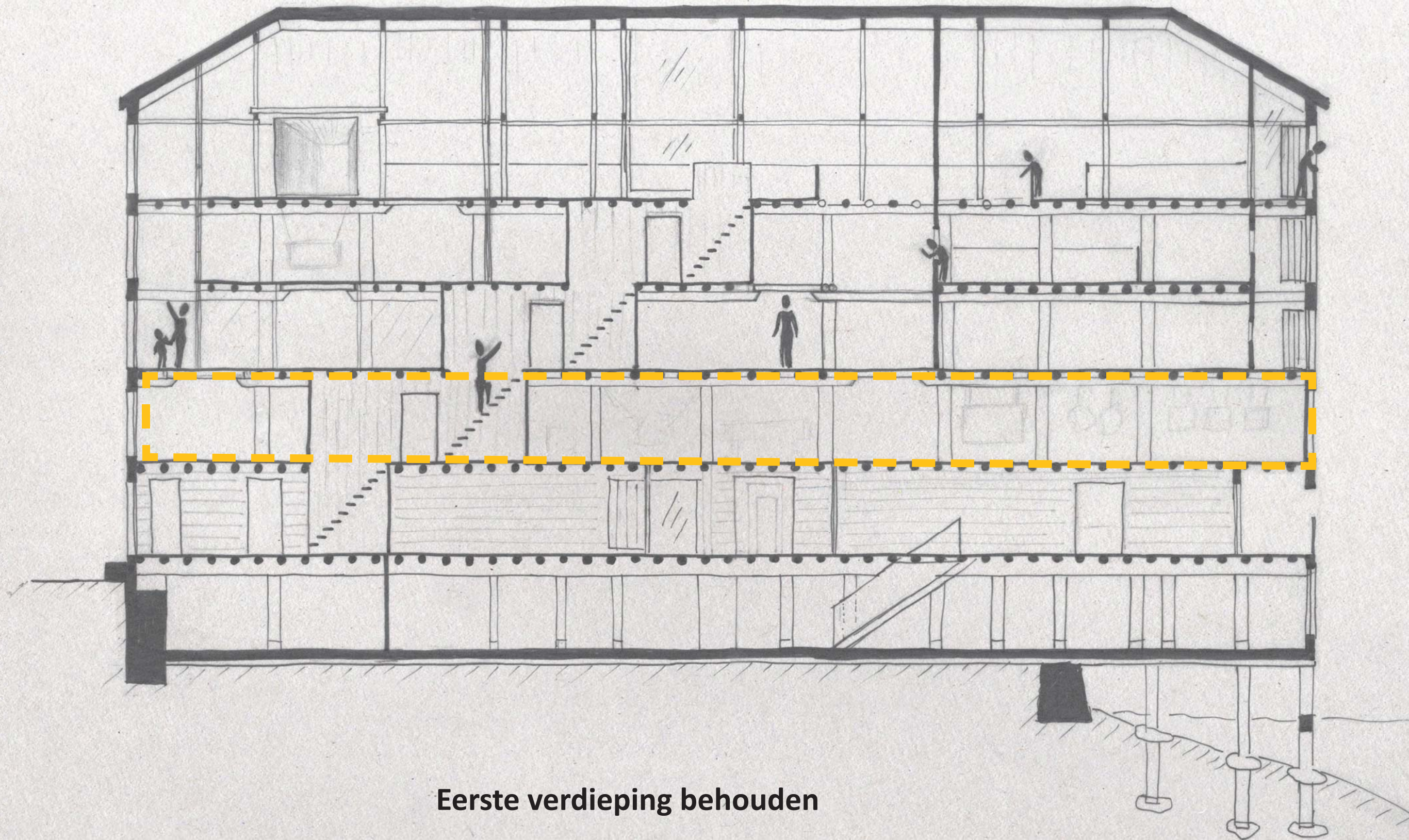
Flatbryggene Anno 1905



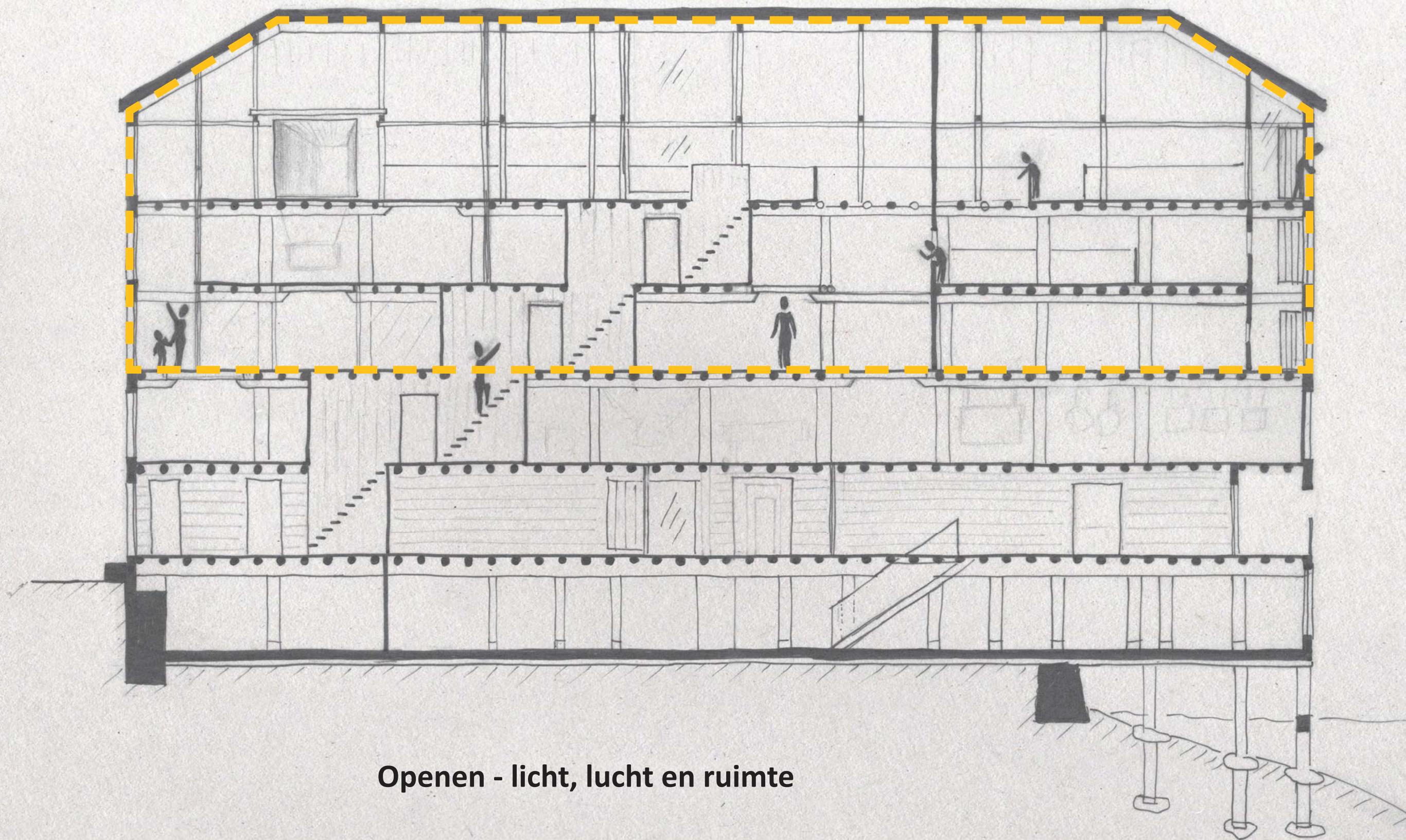




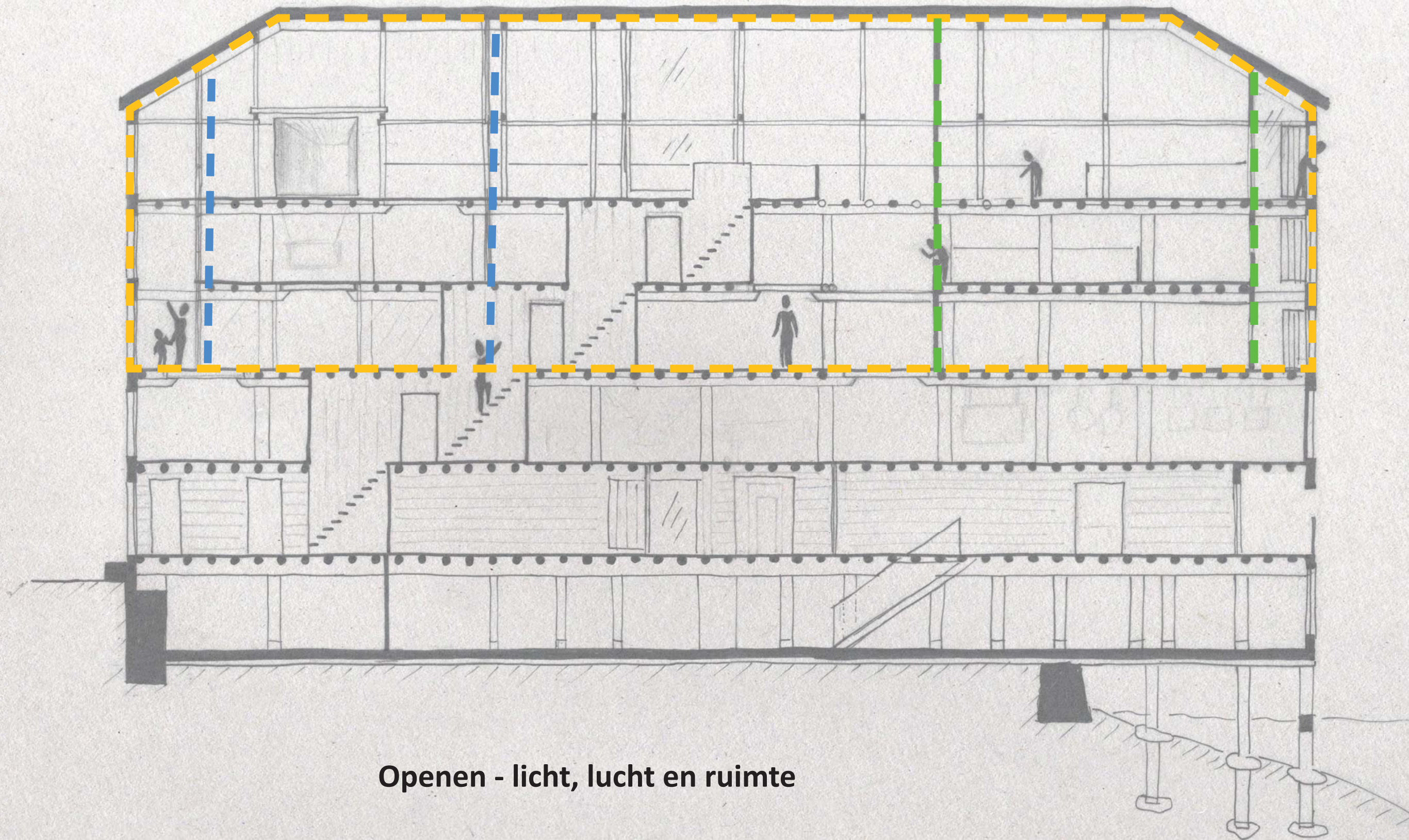




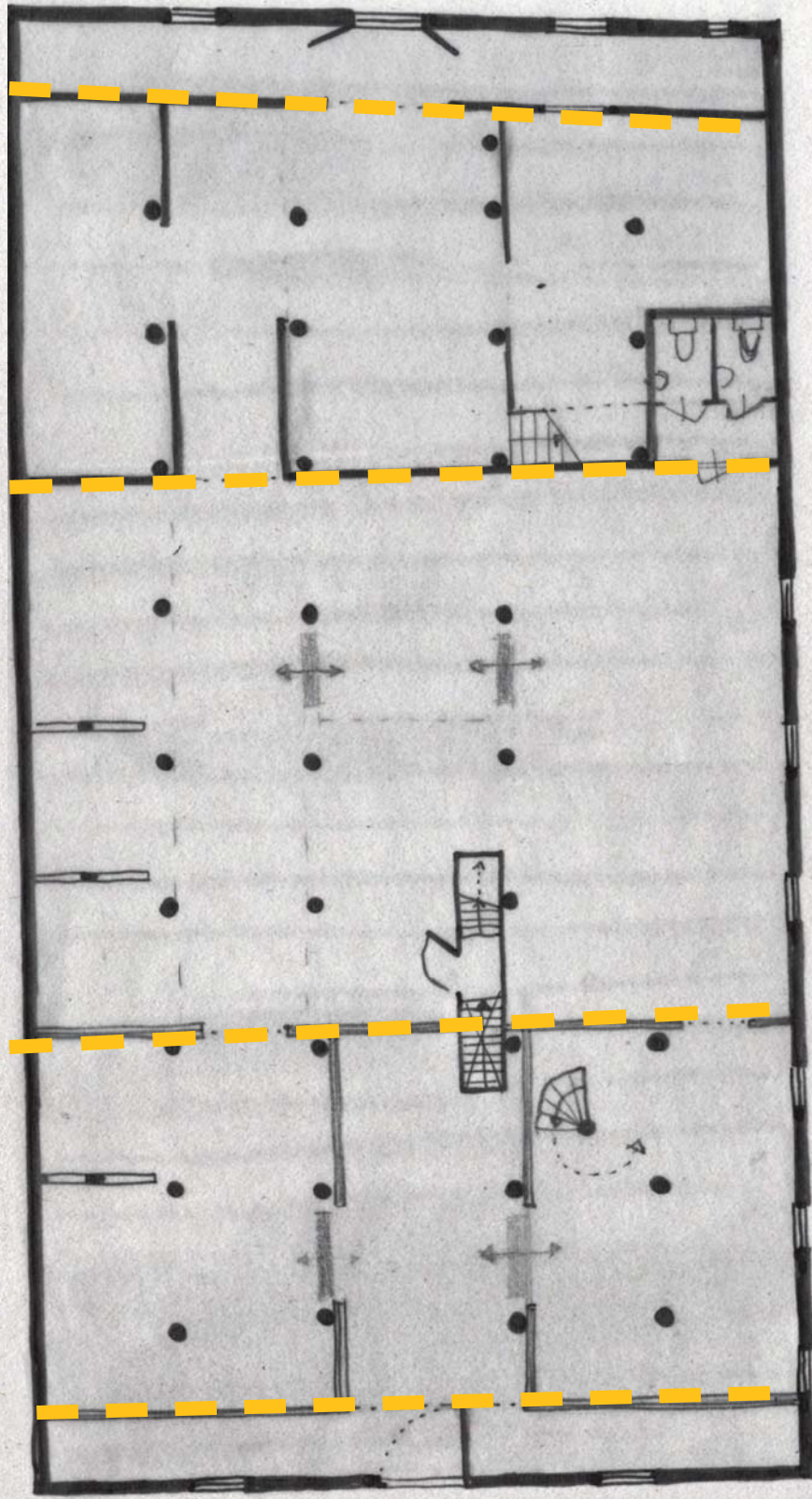
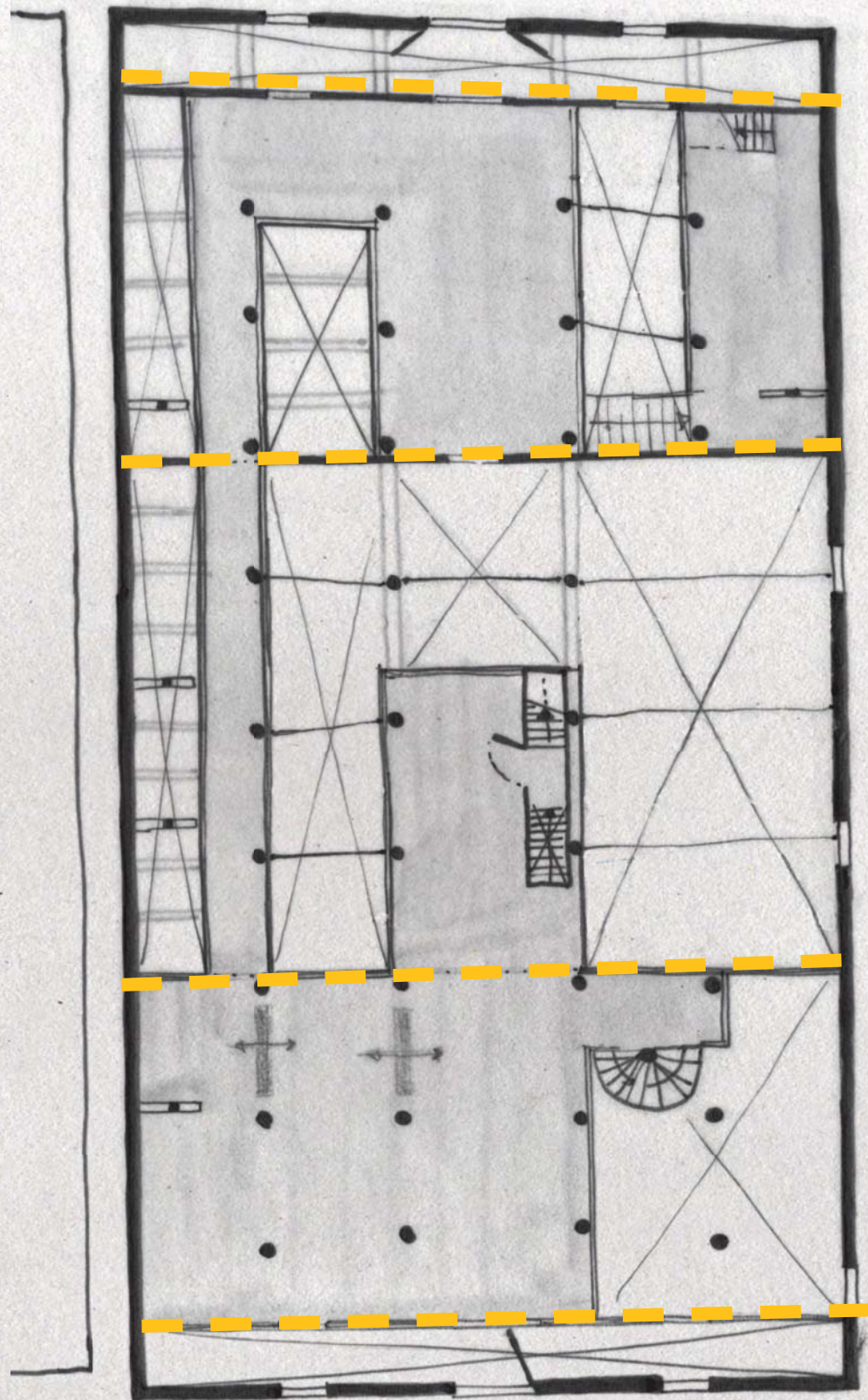
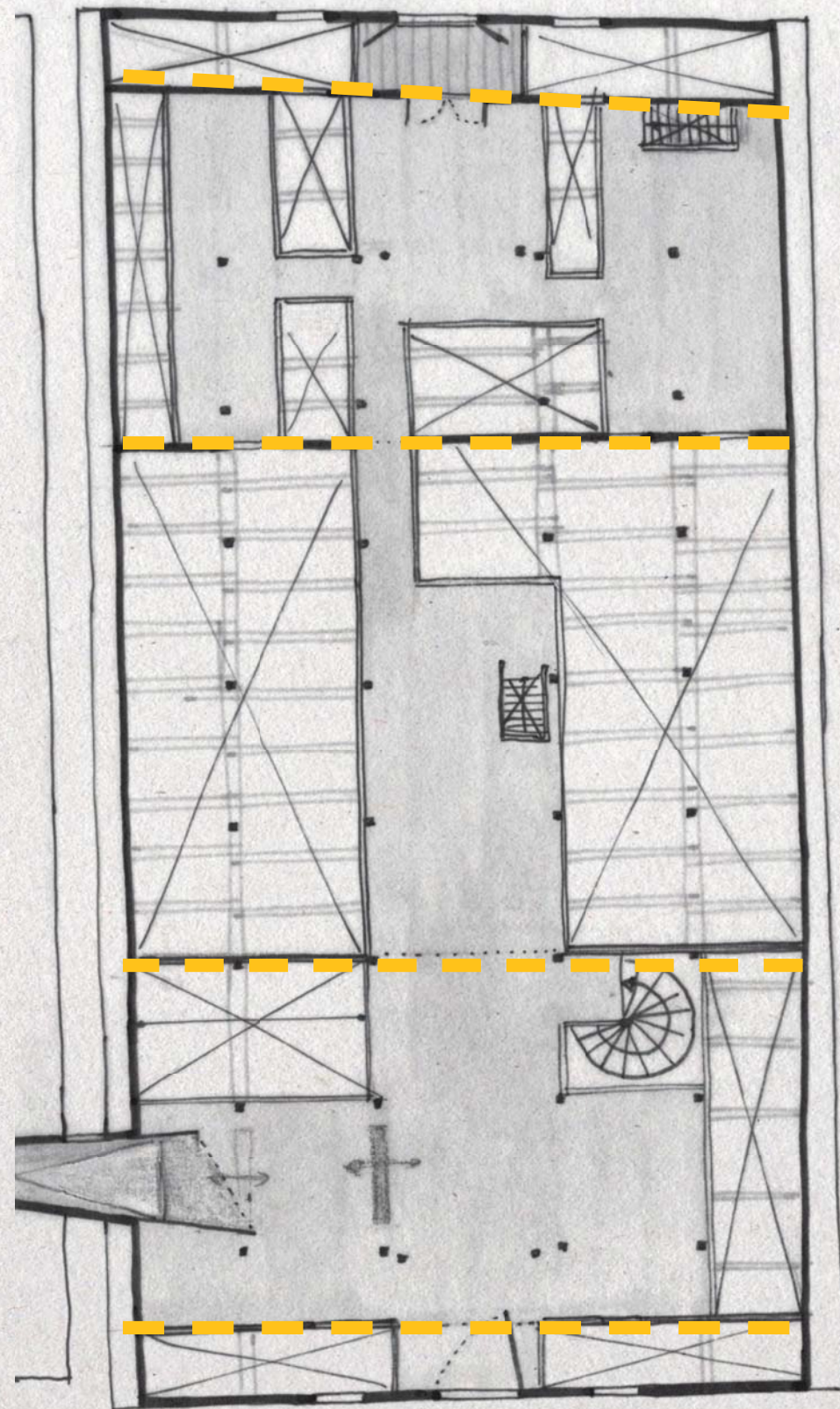
Eerste verdieping behouden



Openen - licht, lucht en ruimte

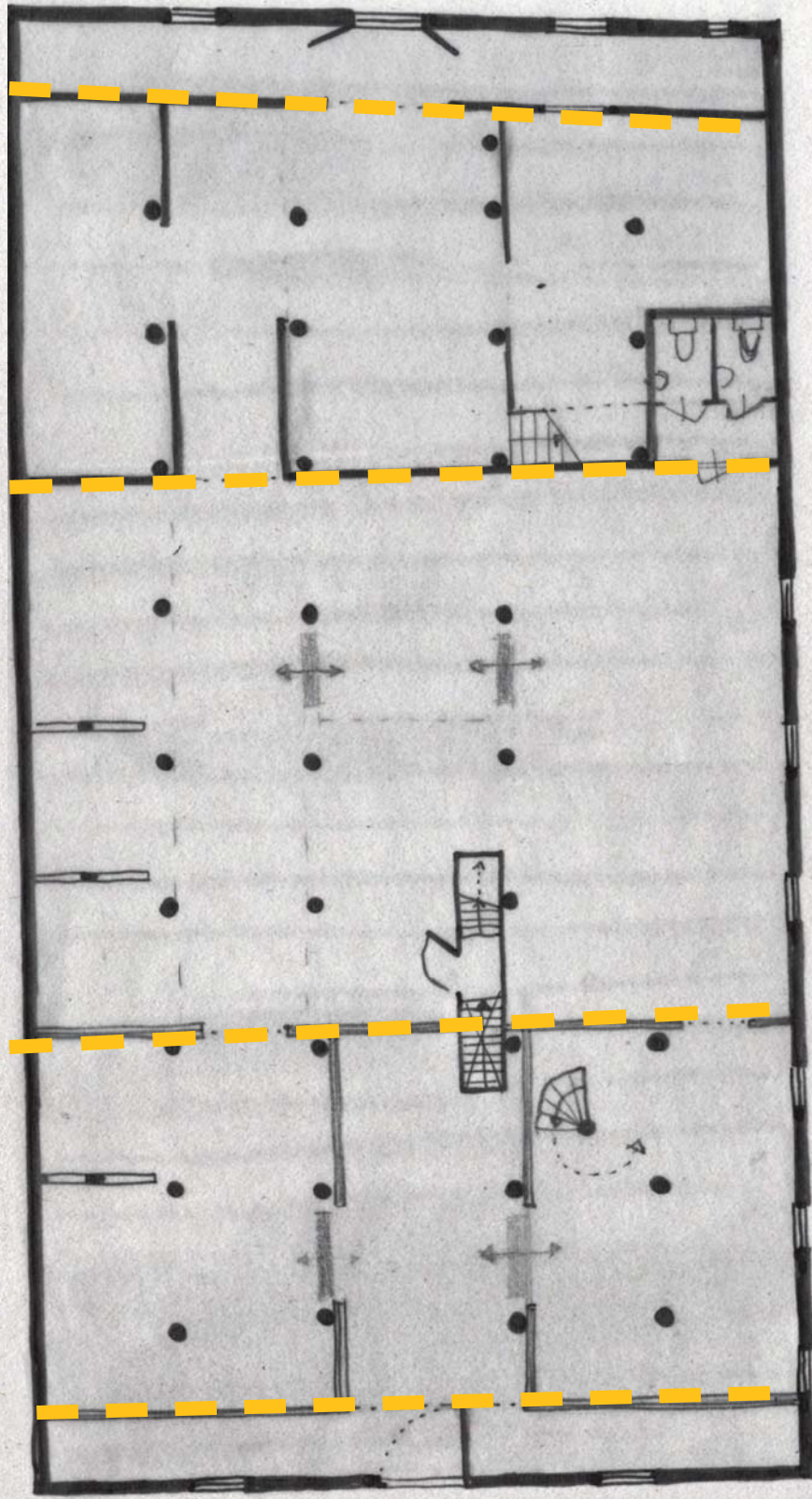
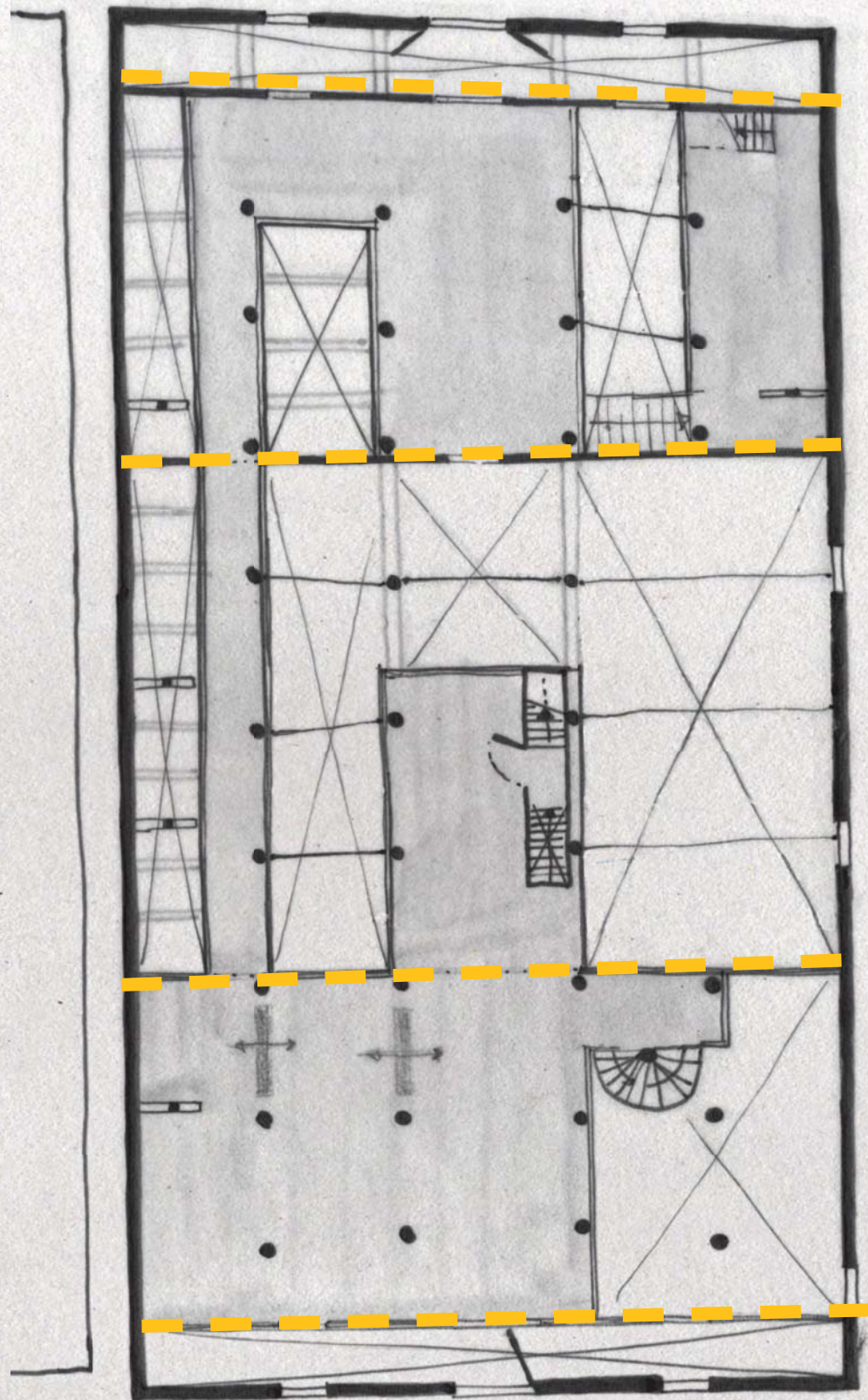
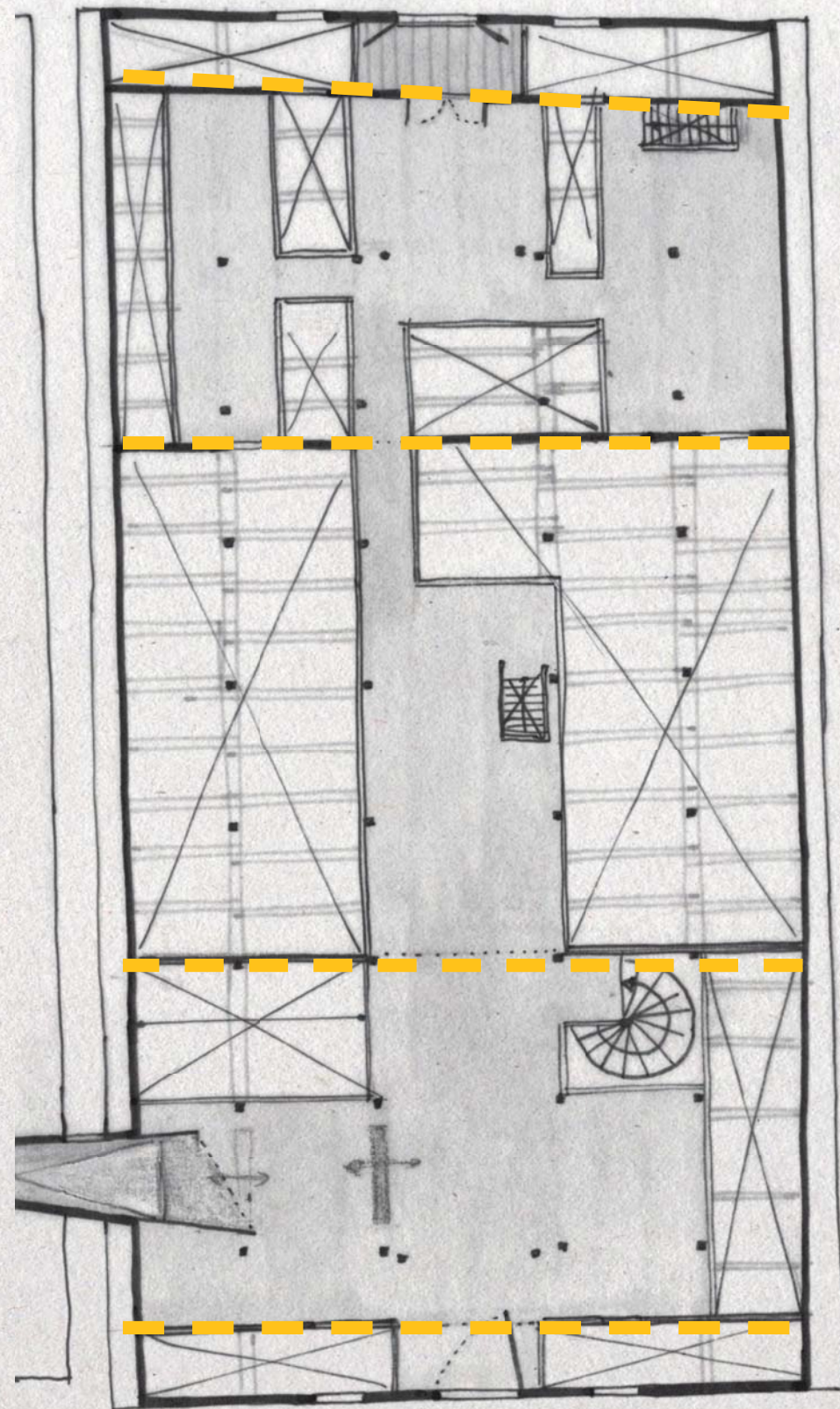


Openen - licht, lucht en ruimte

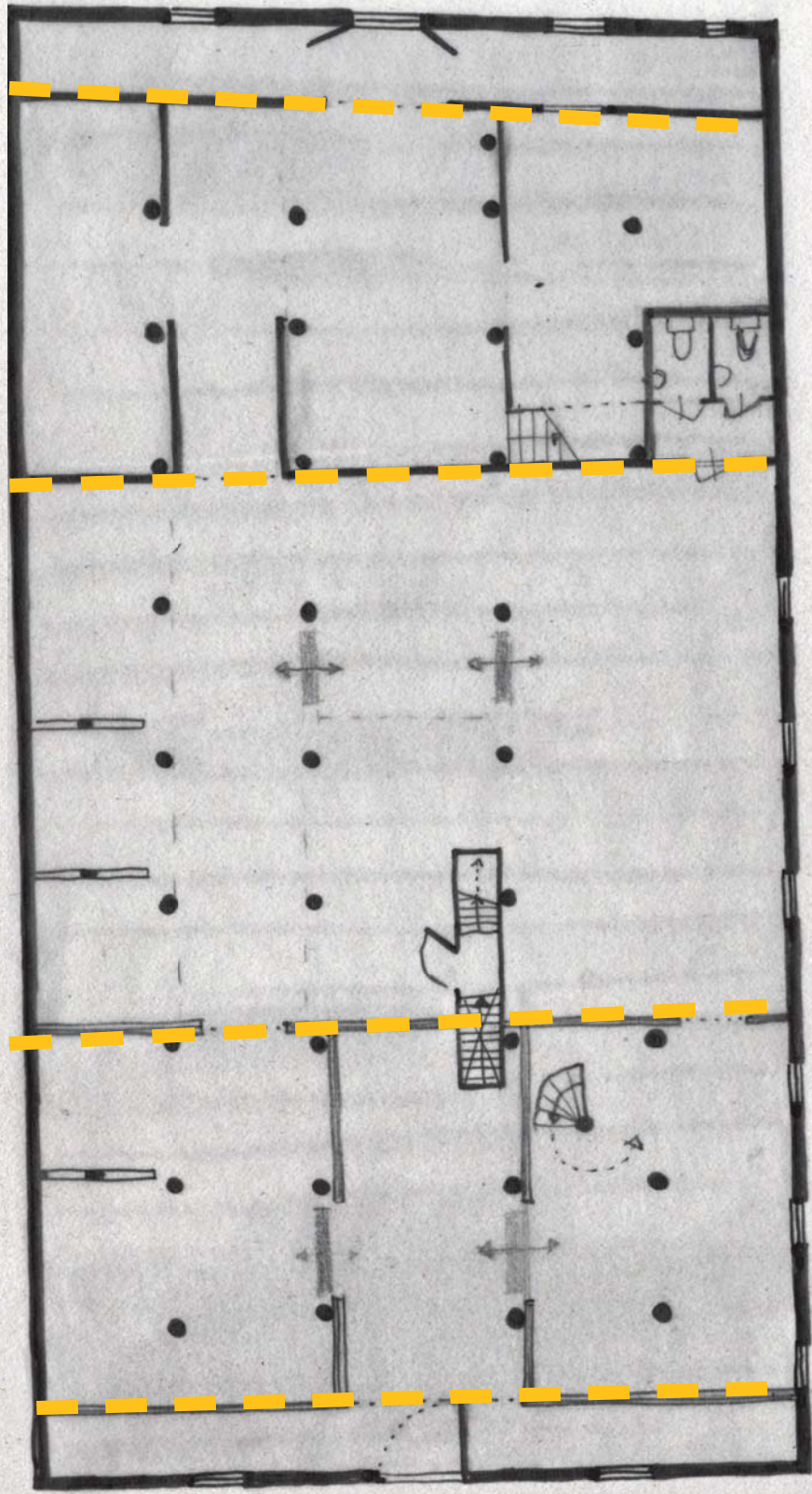
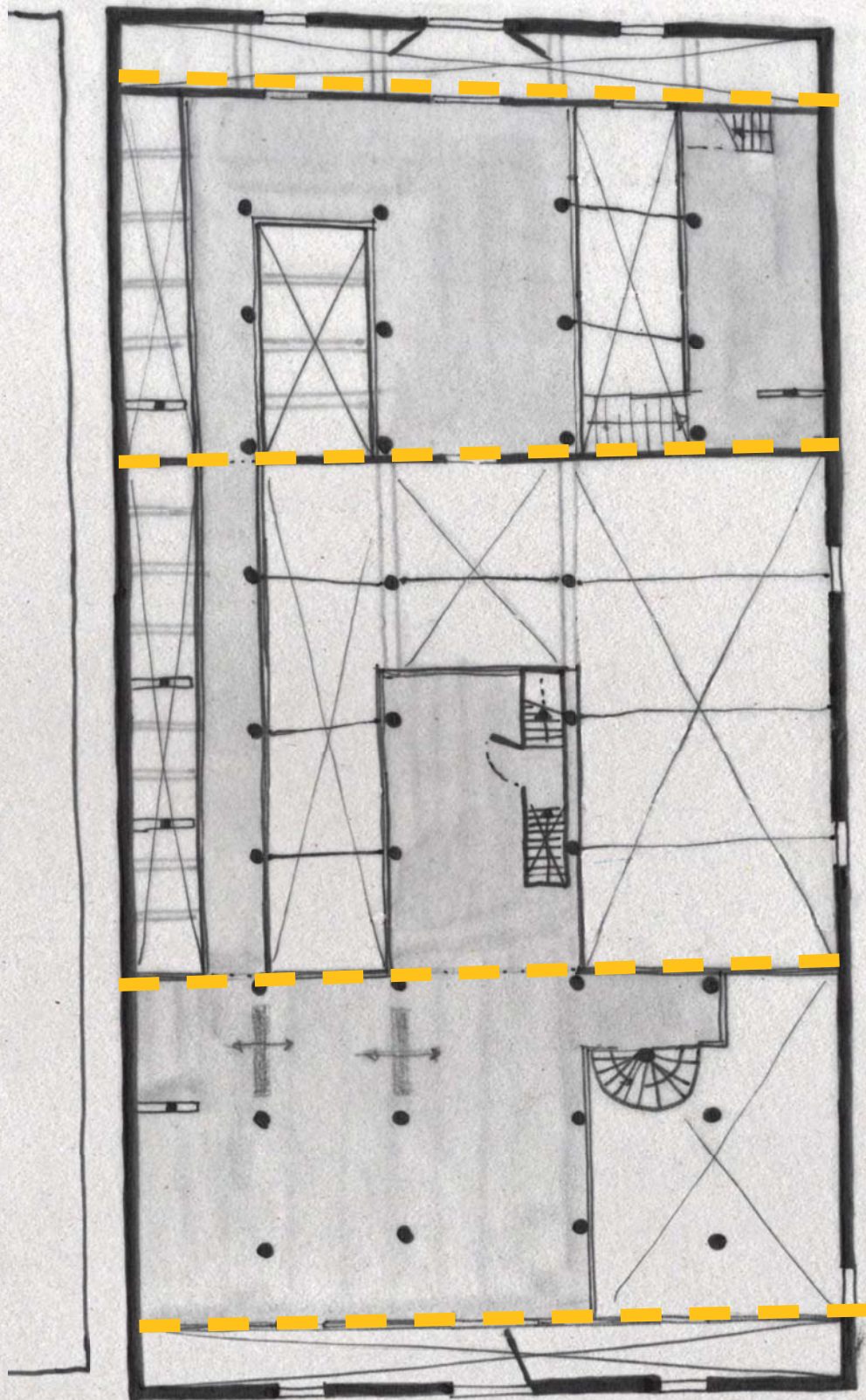
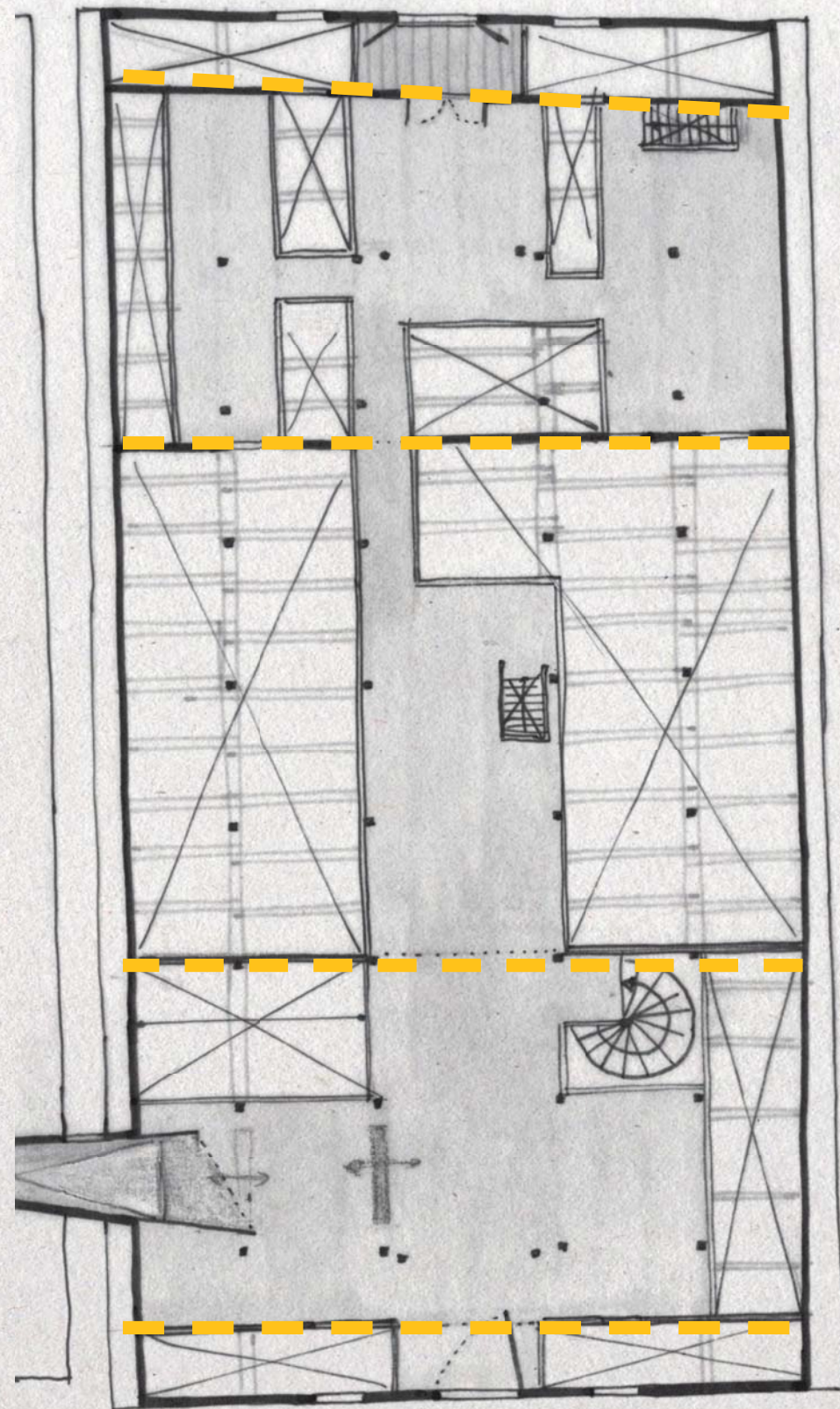


2e - 3e - 4e vd

“Present” KG27

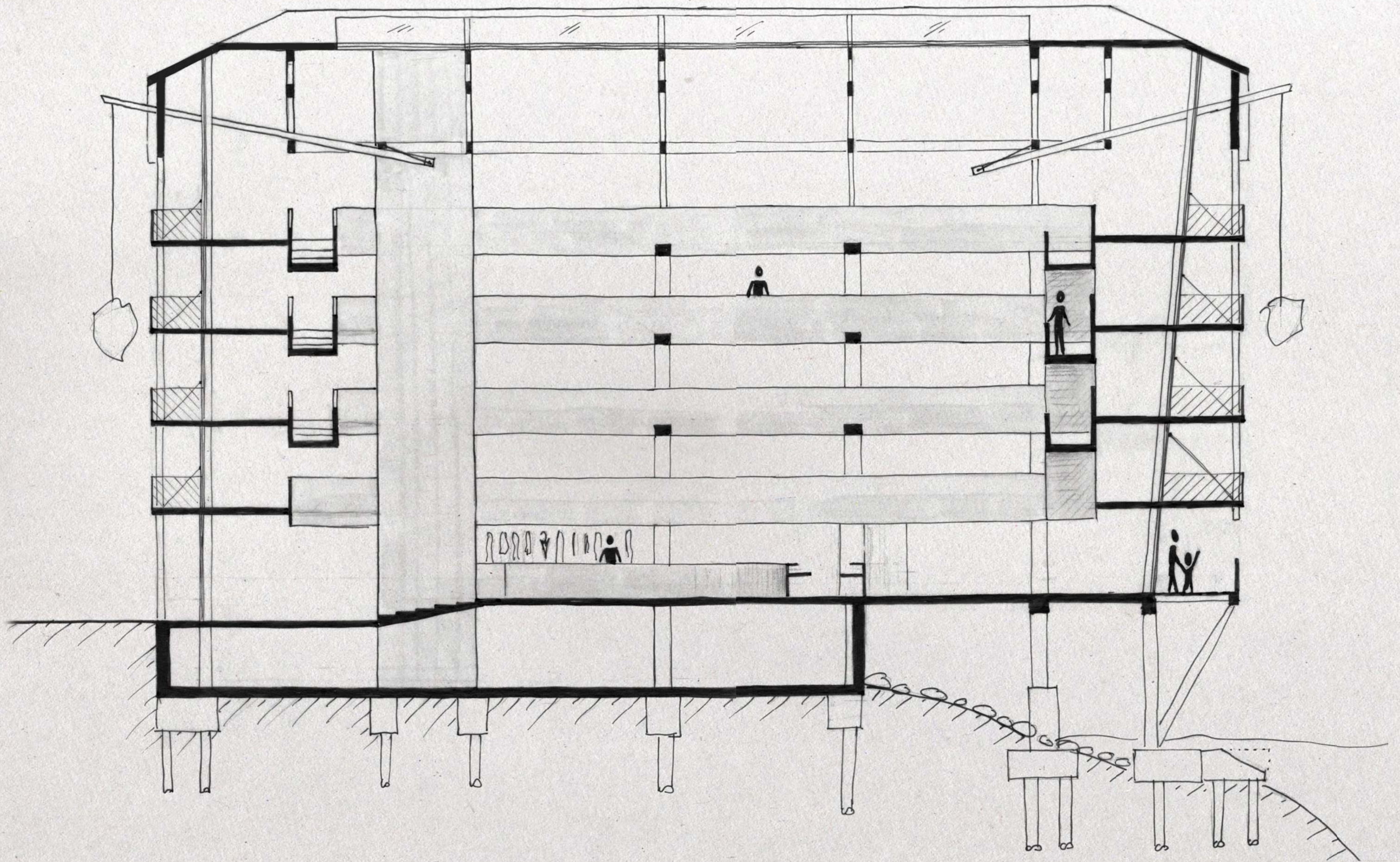


2e - 3e - 4e vd

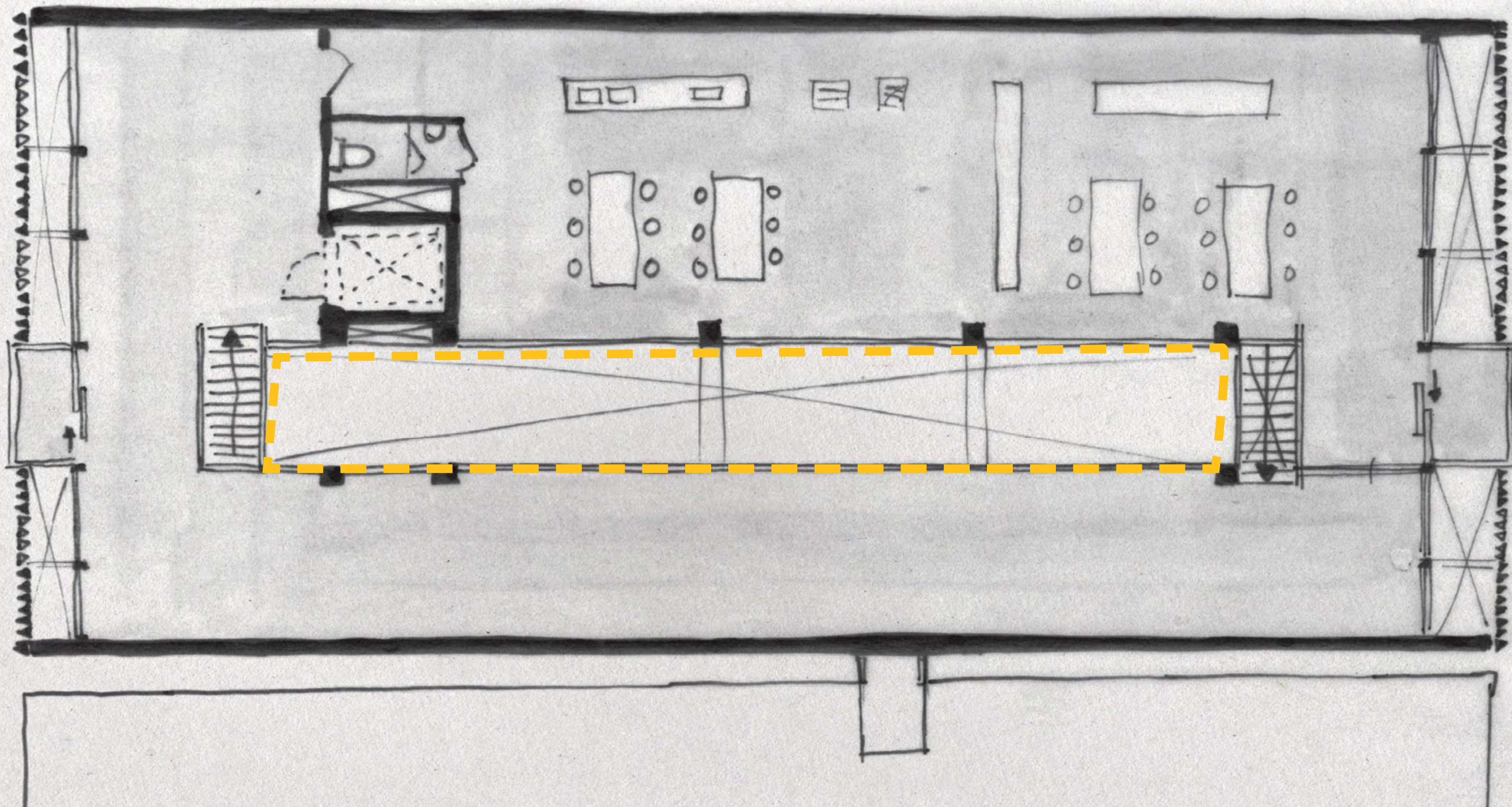


2e - 3e - 4e vd

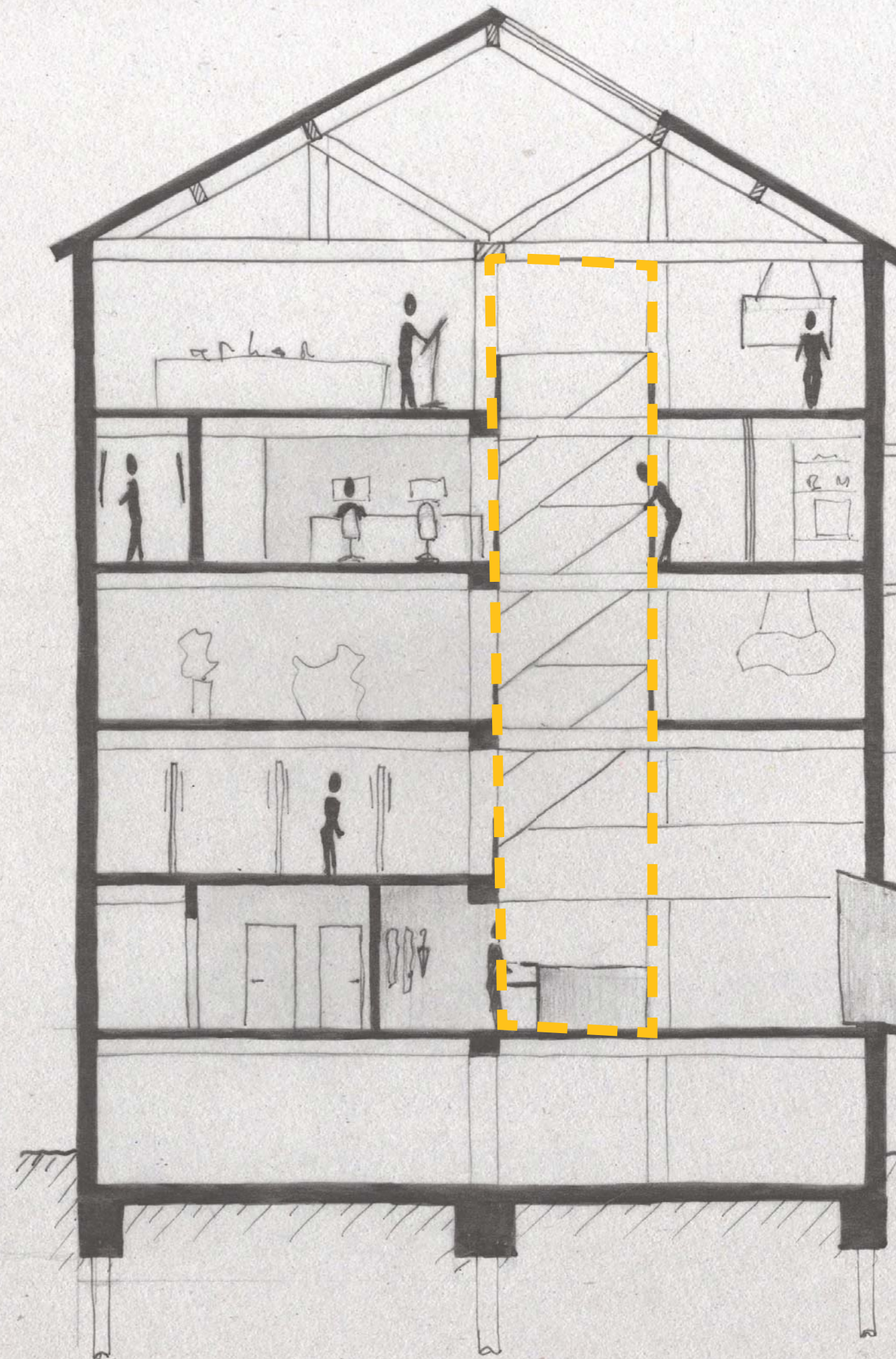
“Present” KG27



"Future" KG31



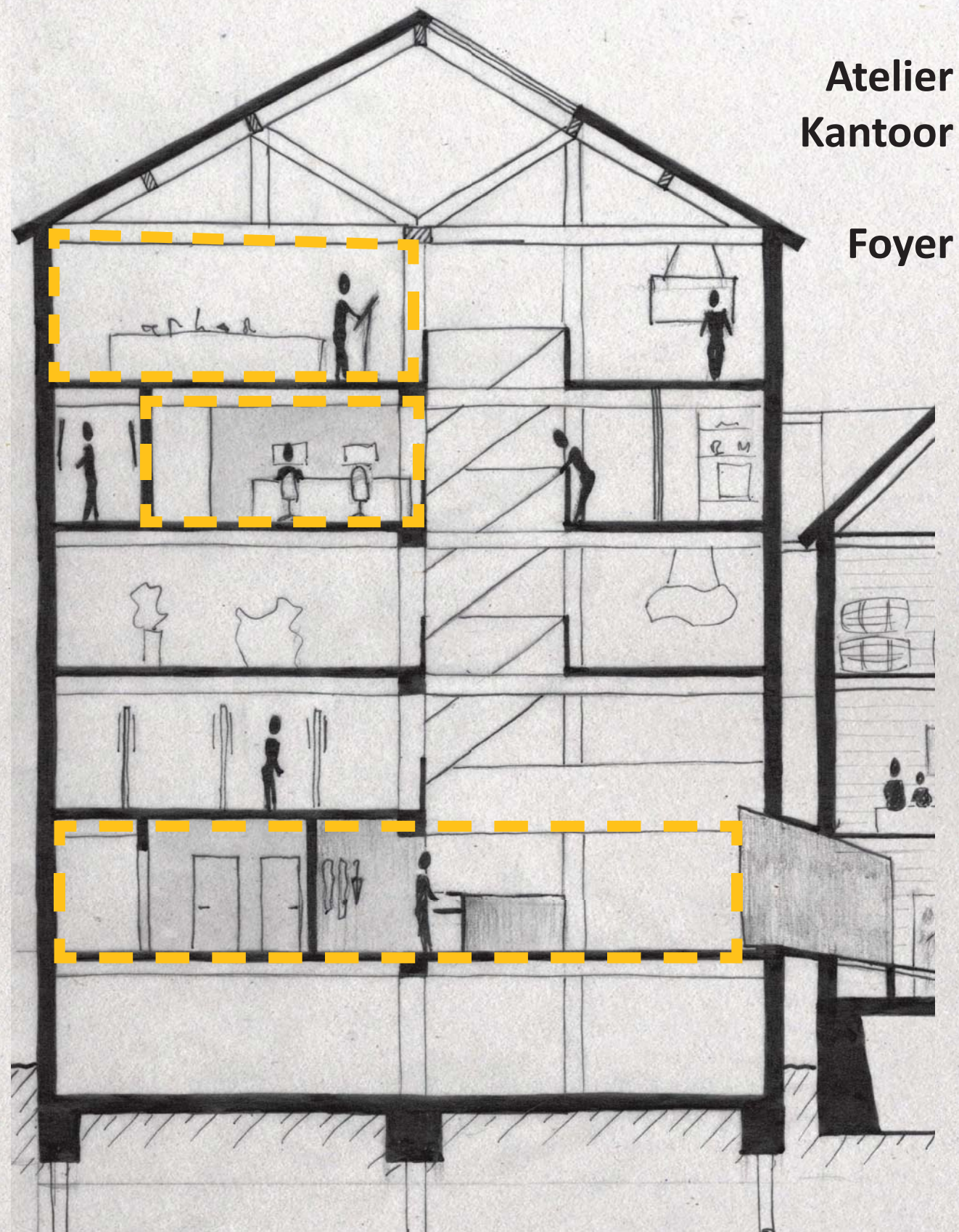
Vide - acentrisch - verkeersas



VIDE

KG 31 faciliteert de andere gebouwen

- lift
- installaties
- werknemers



Nieuwe gevel:

- spel van licht, hout en kleur
- passen tussen de oude pakhuizen
- van buiten lijkt dicht, licht van binnen

Nieuwe gevel:
- gelaagdheid

Verandering van kleur

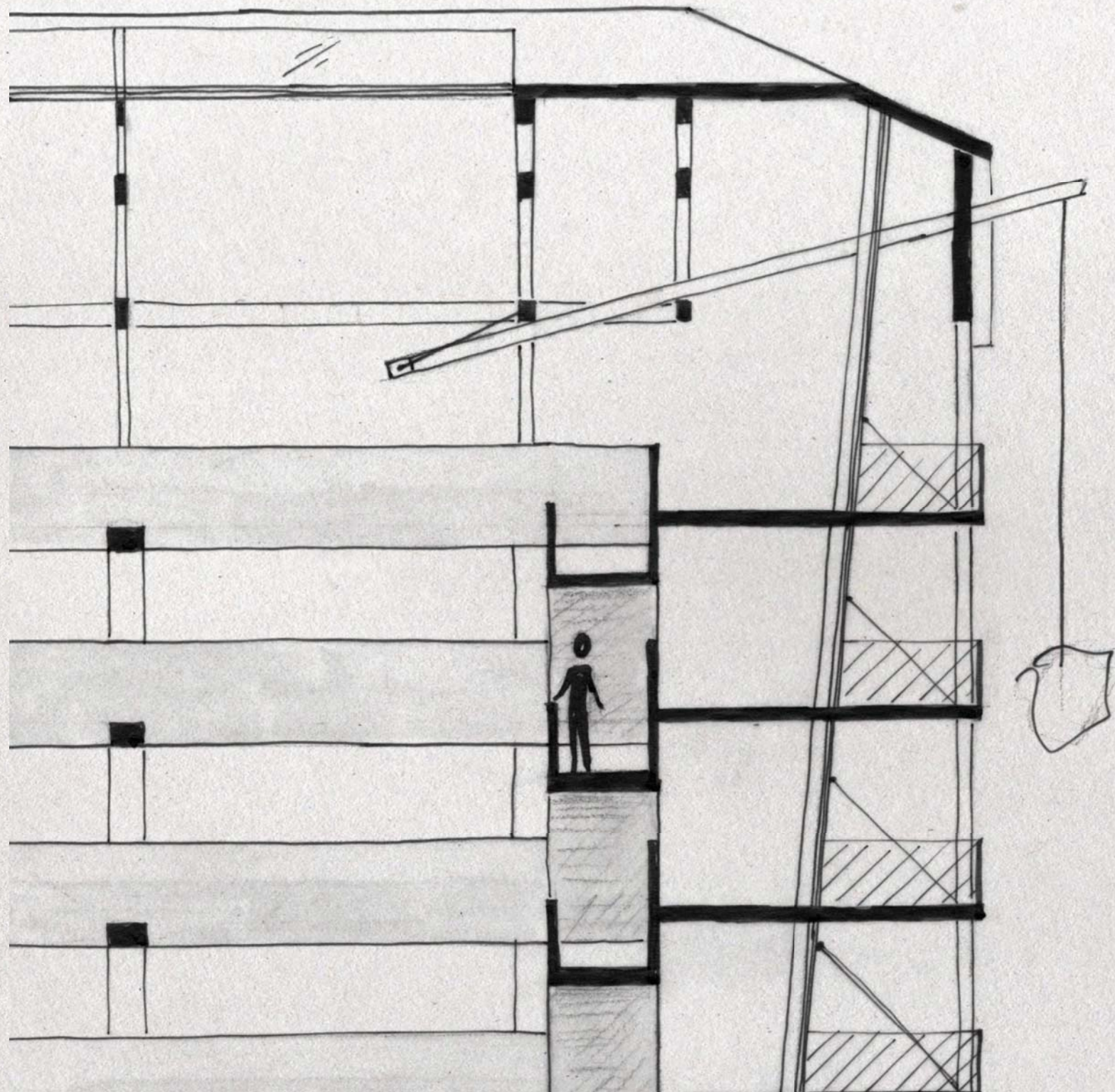
Verandering van kleur

Verandering van kleur

**Nieuwe gevel:**

- dakrand
- wolfsdak
- asymmetrie
- verticale strook
- flatbryggene
- raamverdeling





Heisbalk
- functioneel
- zweven boven vide

ROUTING

Routing

- gebaseerd op faciliteiten en hoogtepunten
- gevoel van dwalen
- behouden orientatie

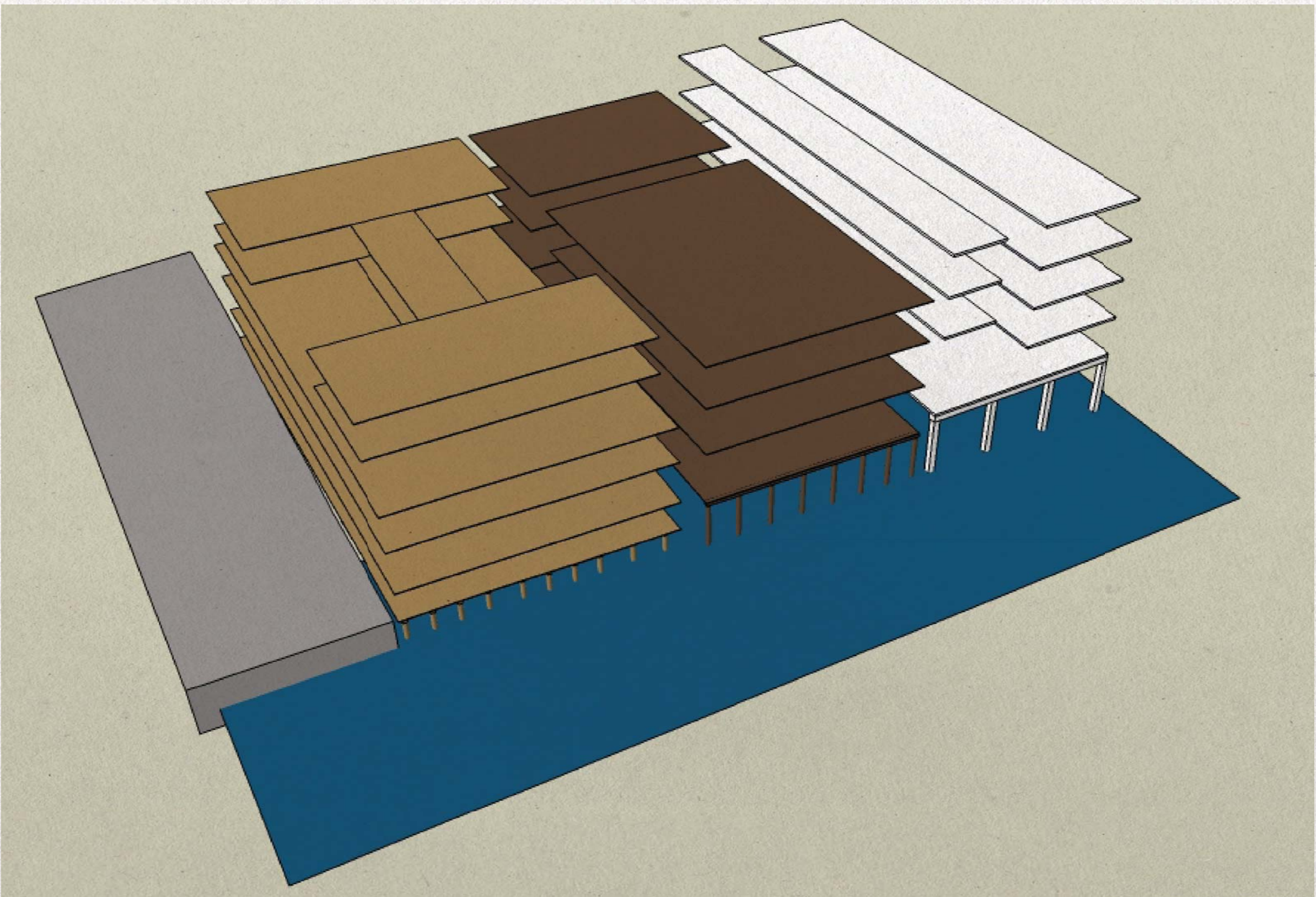
Je wordt geleid door

- vorm van nieuwe elementen (overgangen, balie...)**
- licht**

Koper >> overgang/doorgang

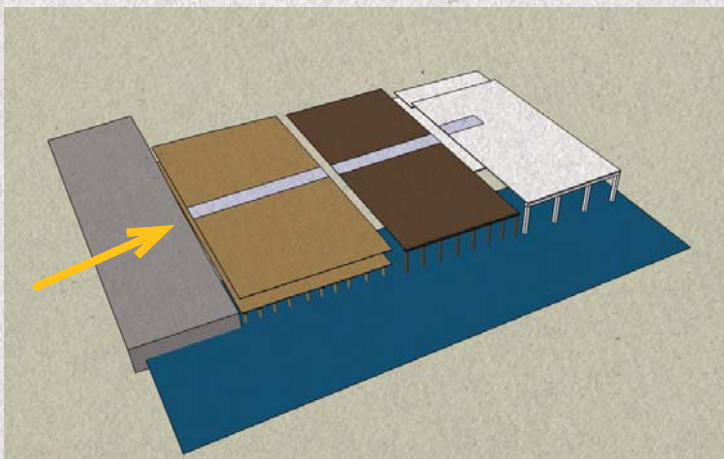
- entree
- doosje tussen de gebouwen
- brug over snede
- onderdoorgang
- deur

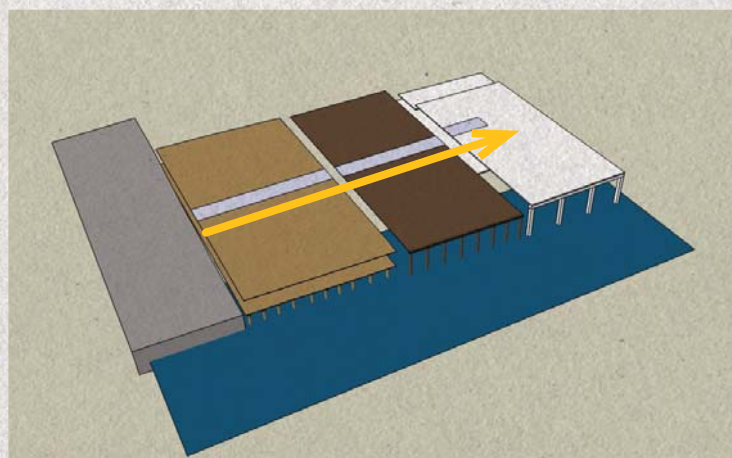
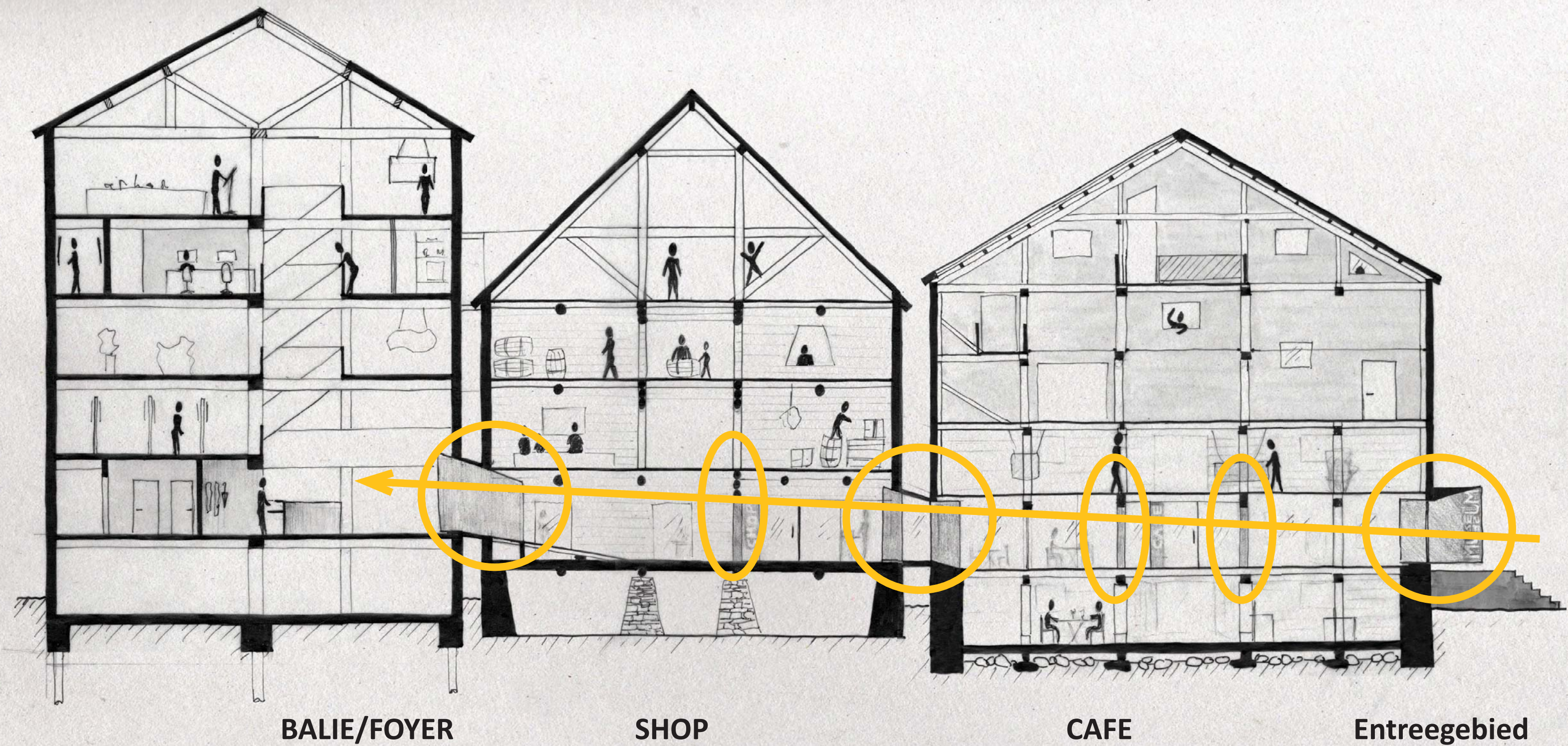
Koper >> belangrijkste exportproduct



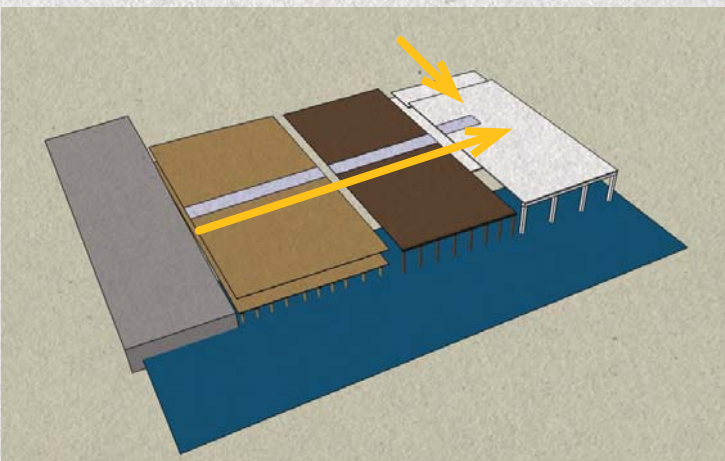
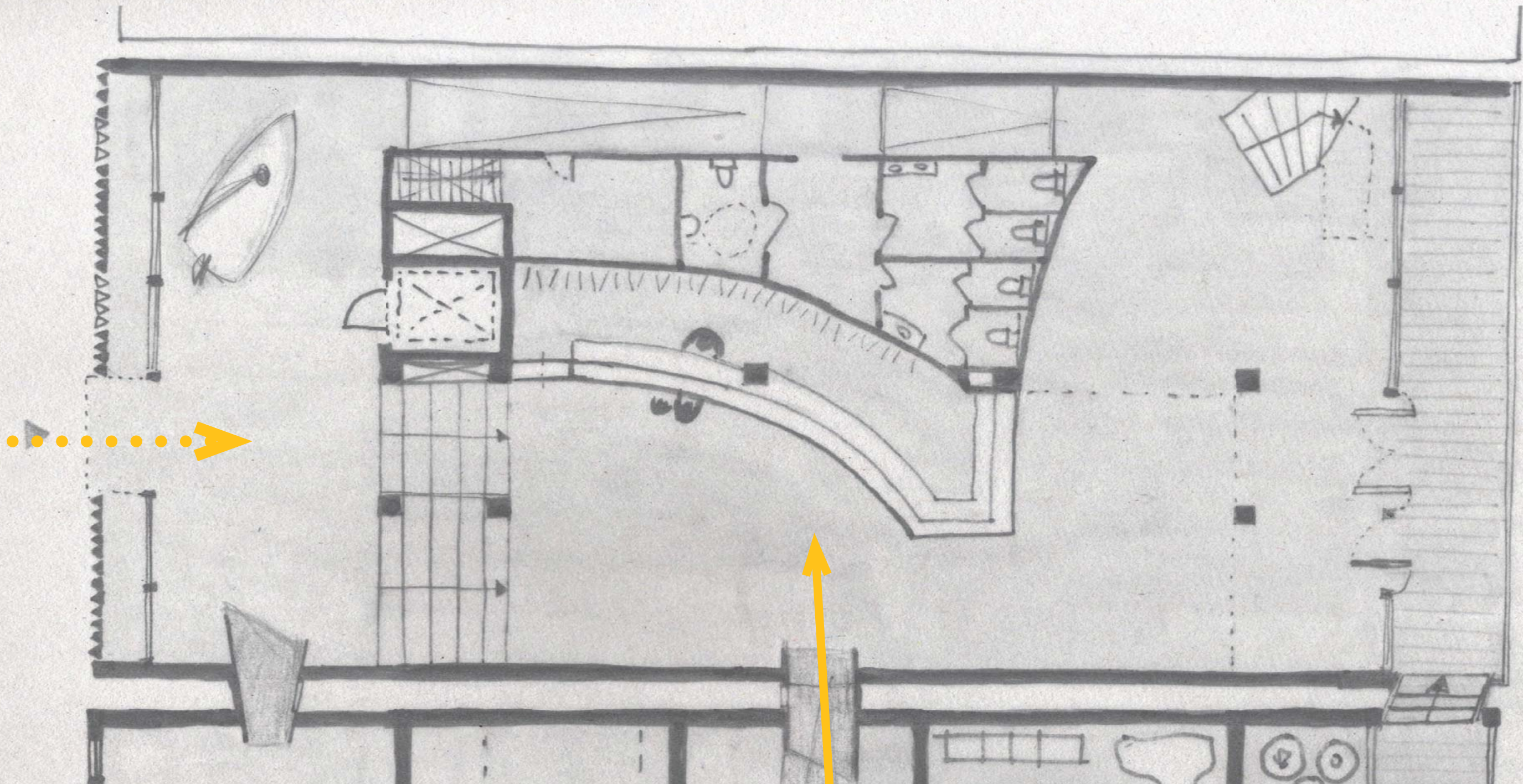
Hoofdentree

- pleinzijde (meeste bezoekers)
- dwars op originele structuur
- subtiel
- leidende trappen

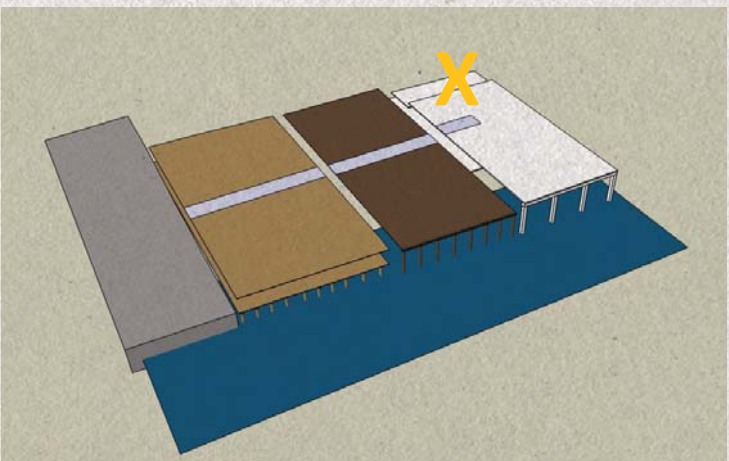
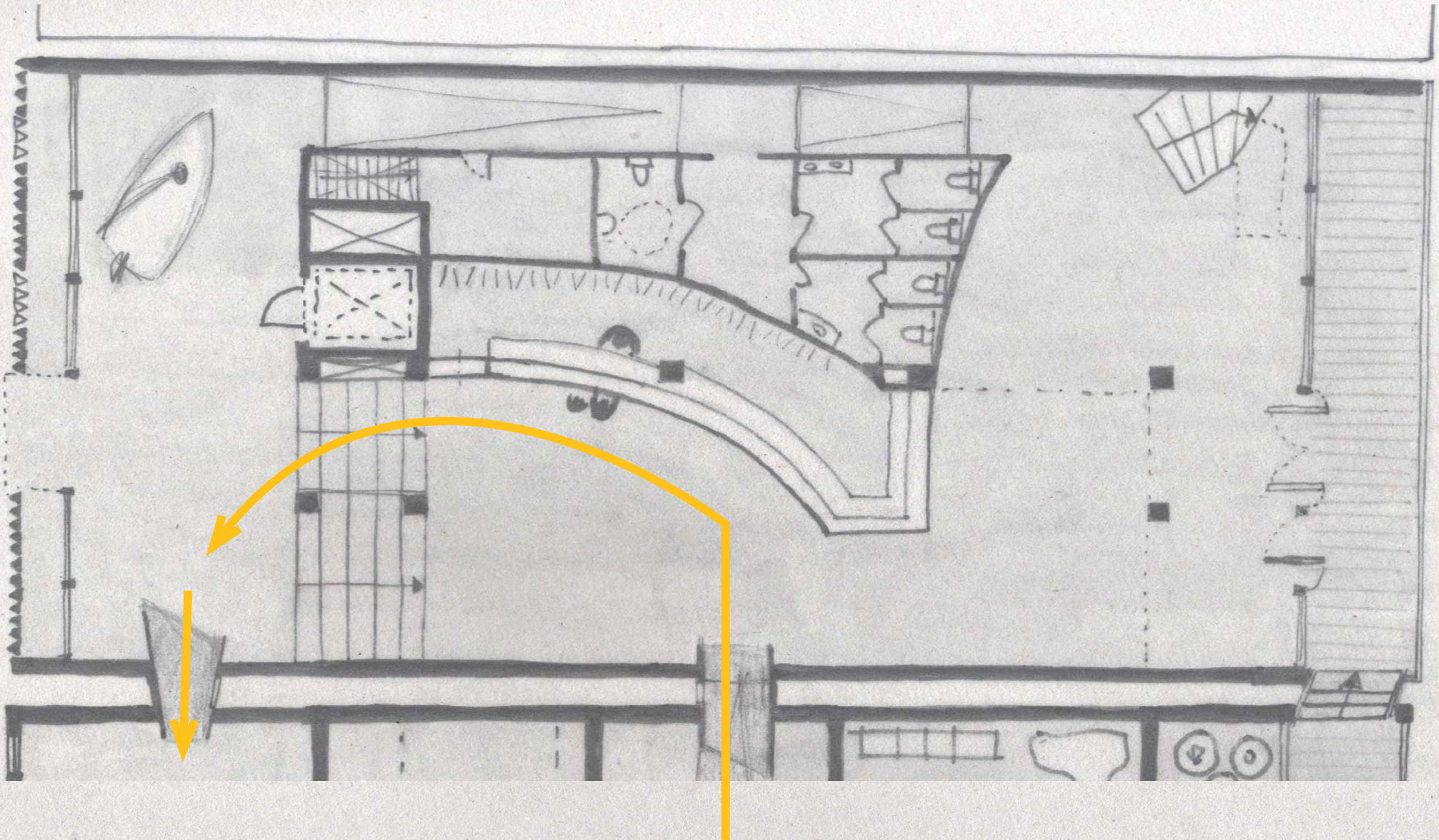




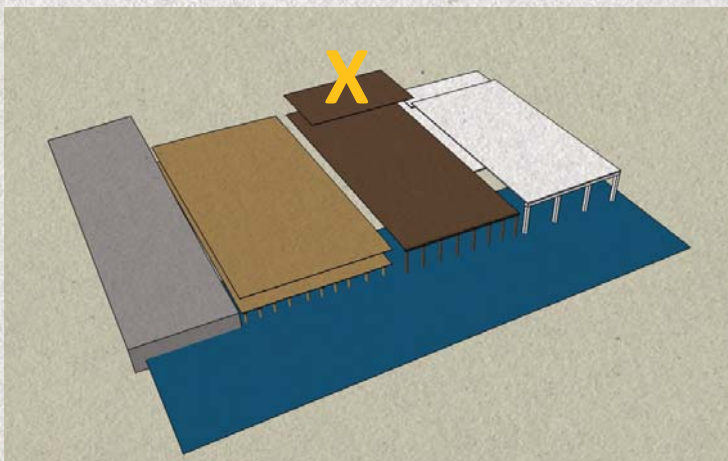
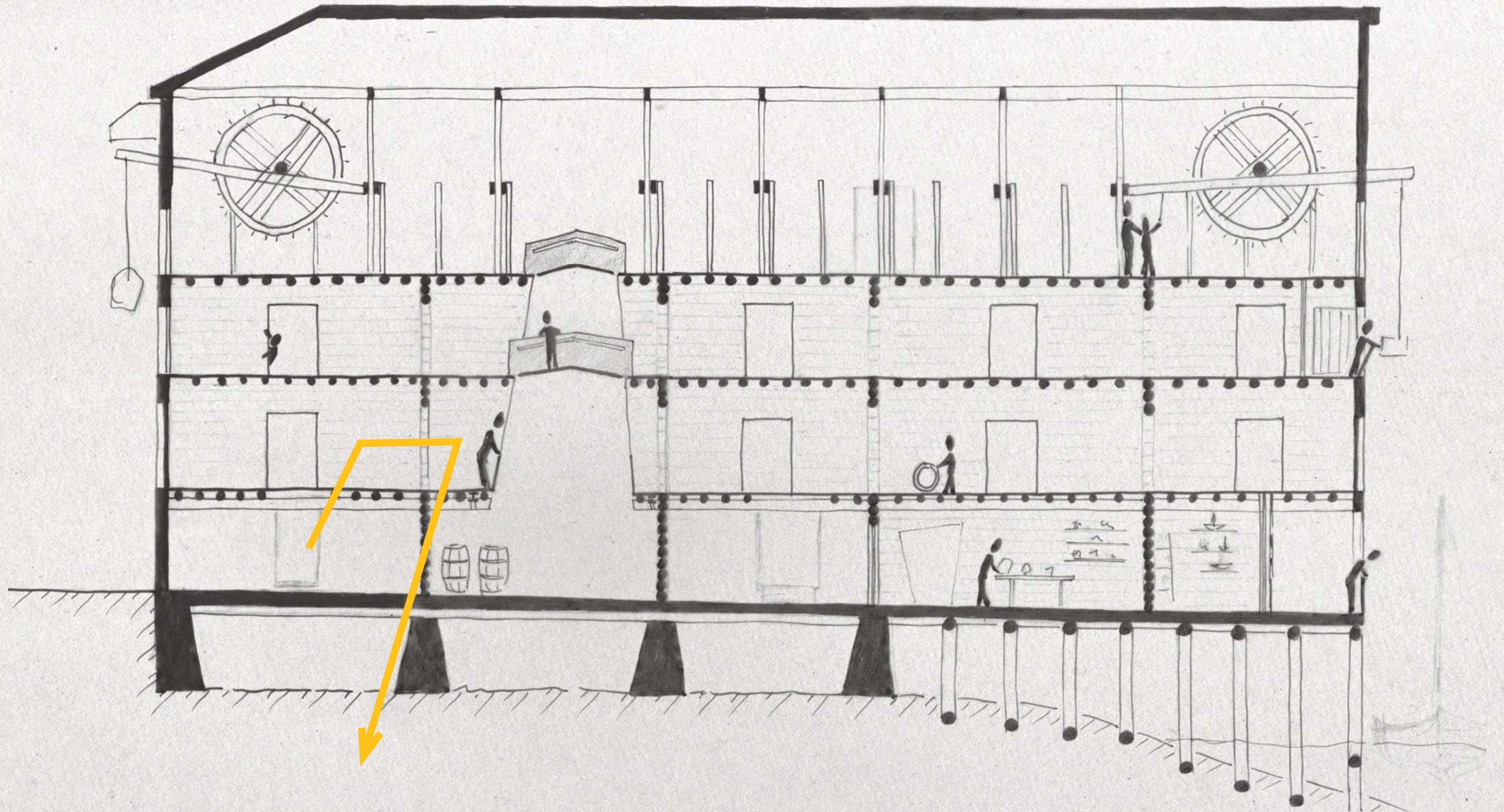
Enfilade - Trigger



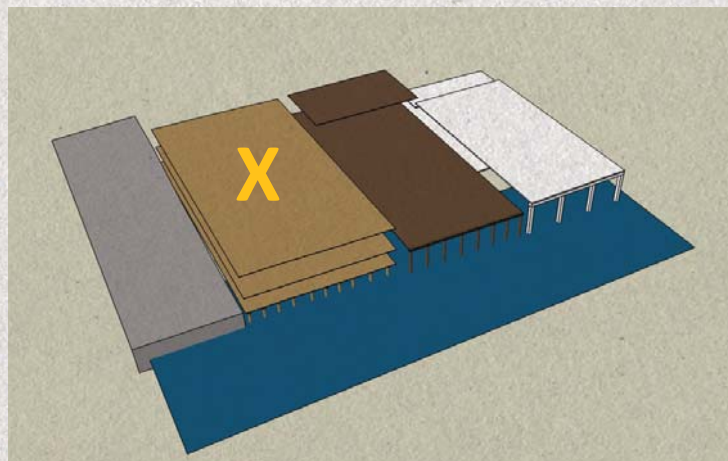
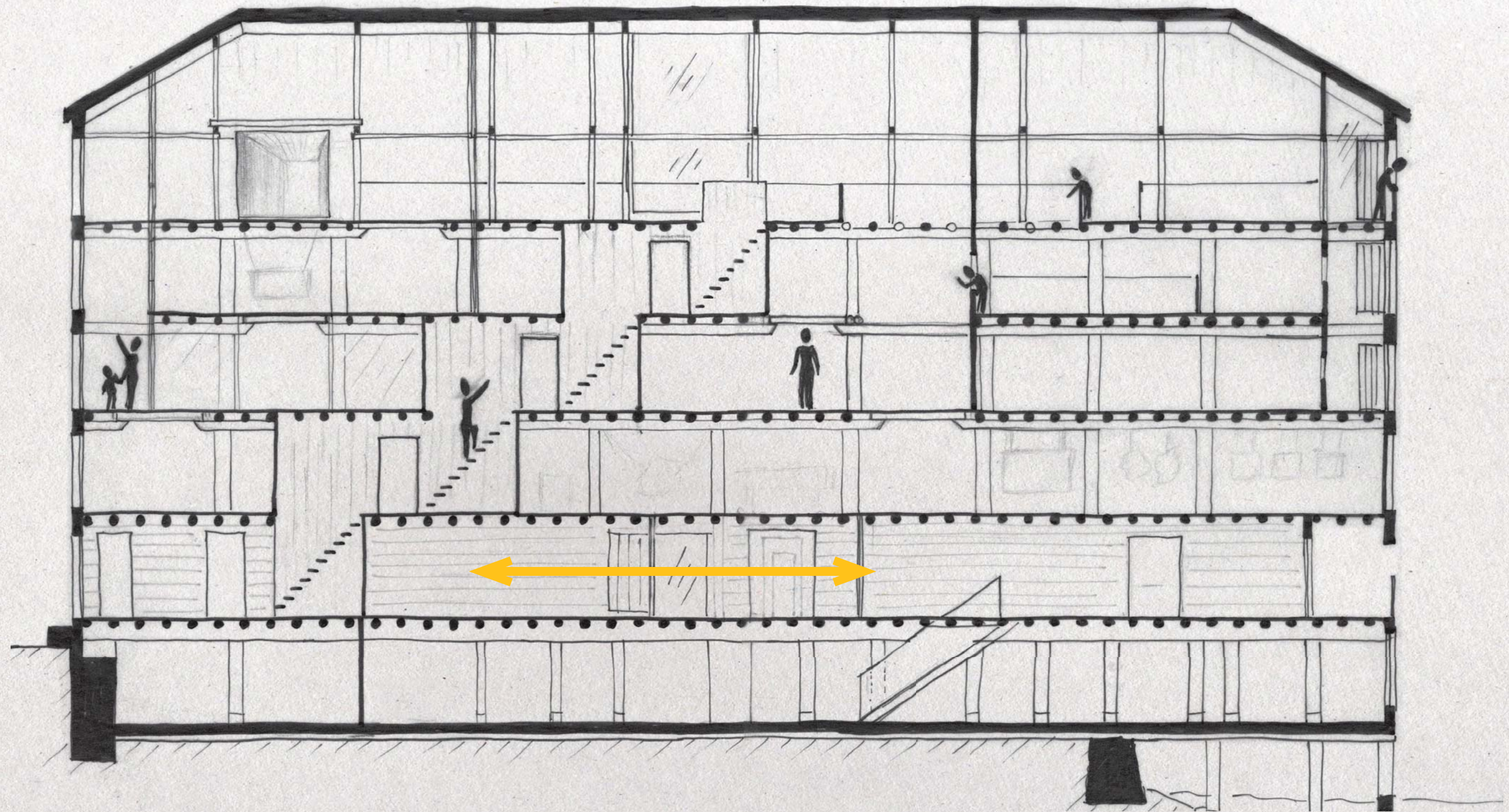
FOYER KG31



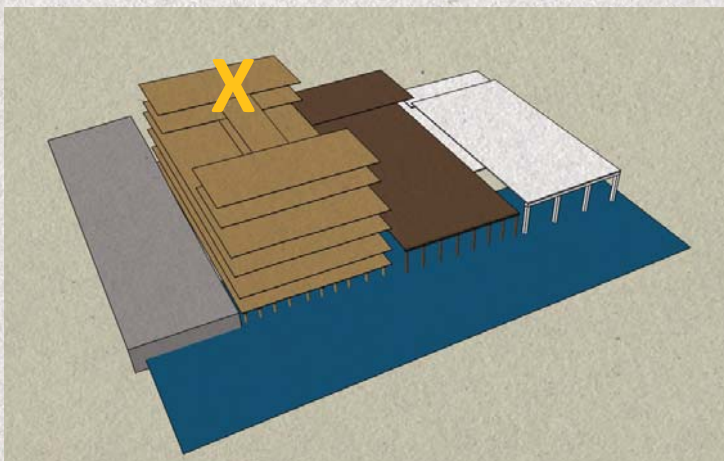
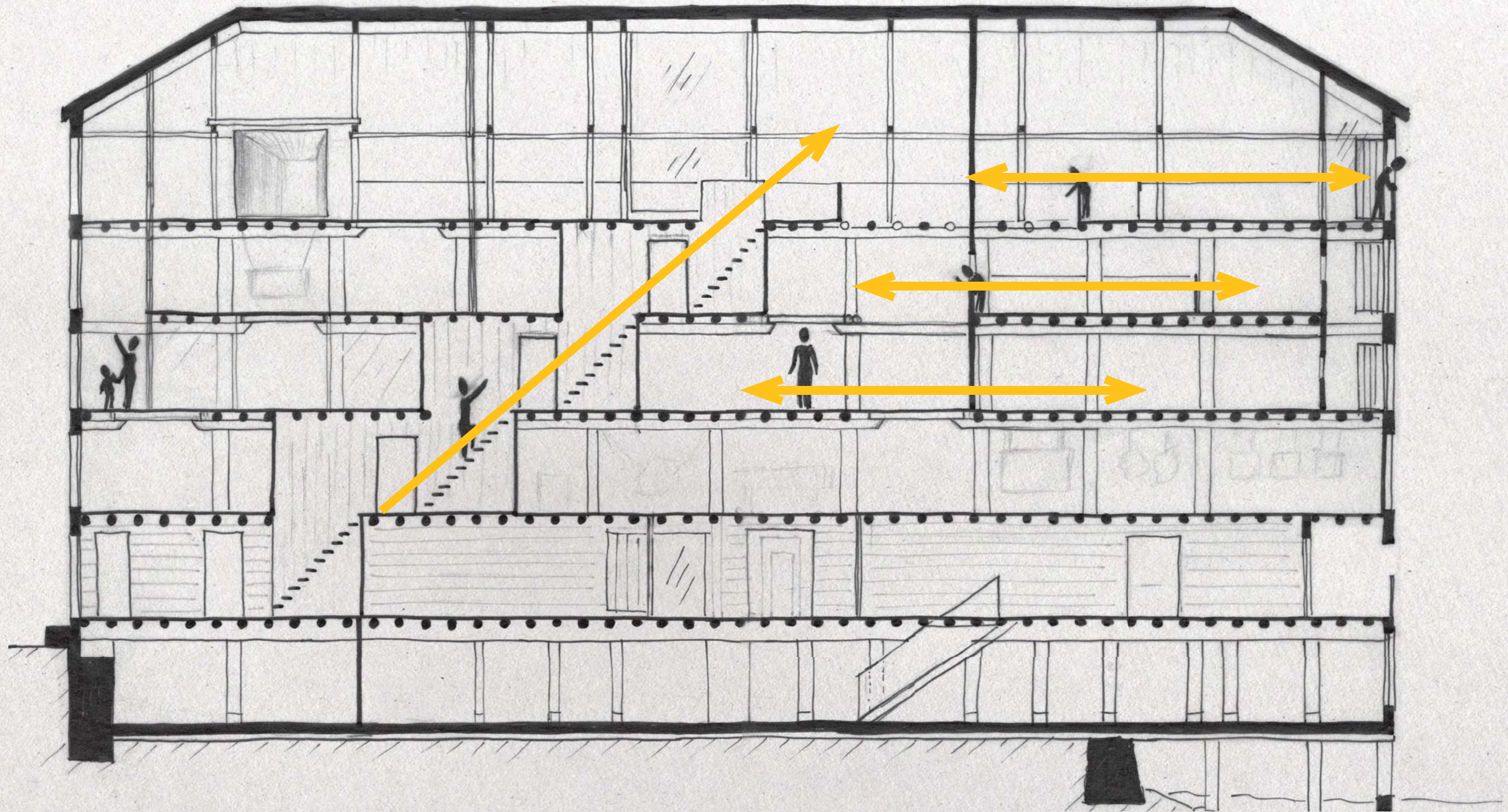
FOYER KG31



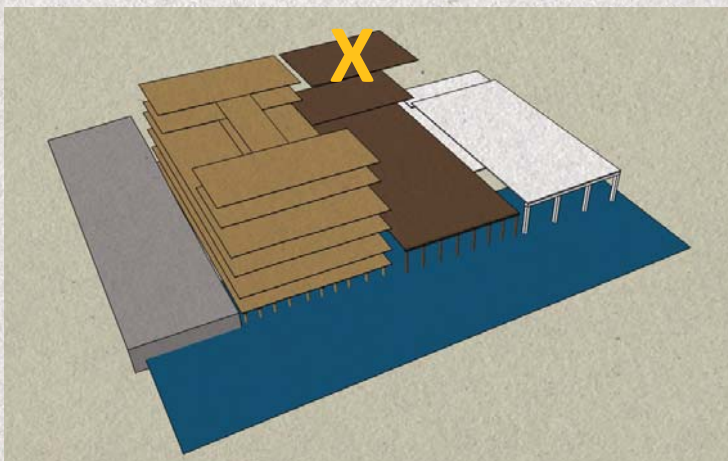
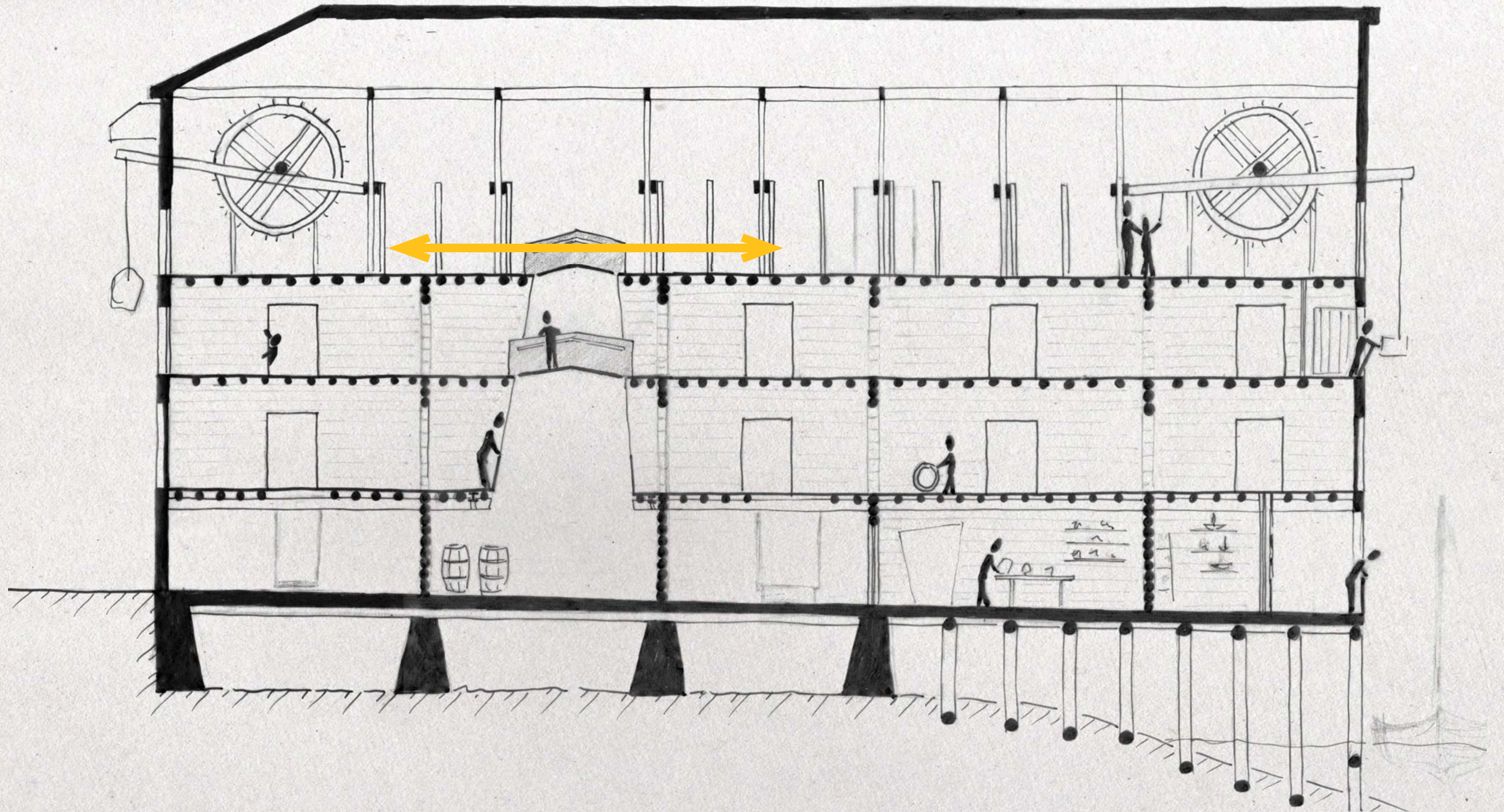
BEGIN MUSEUM KG29



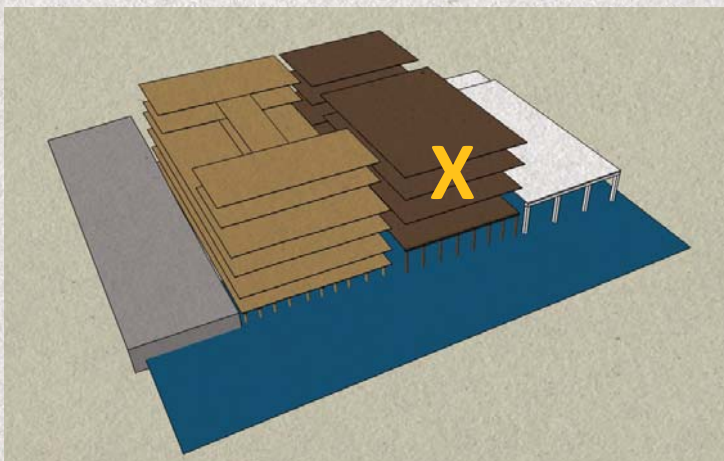
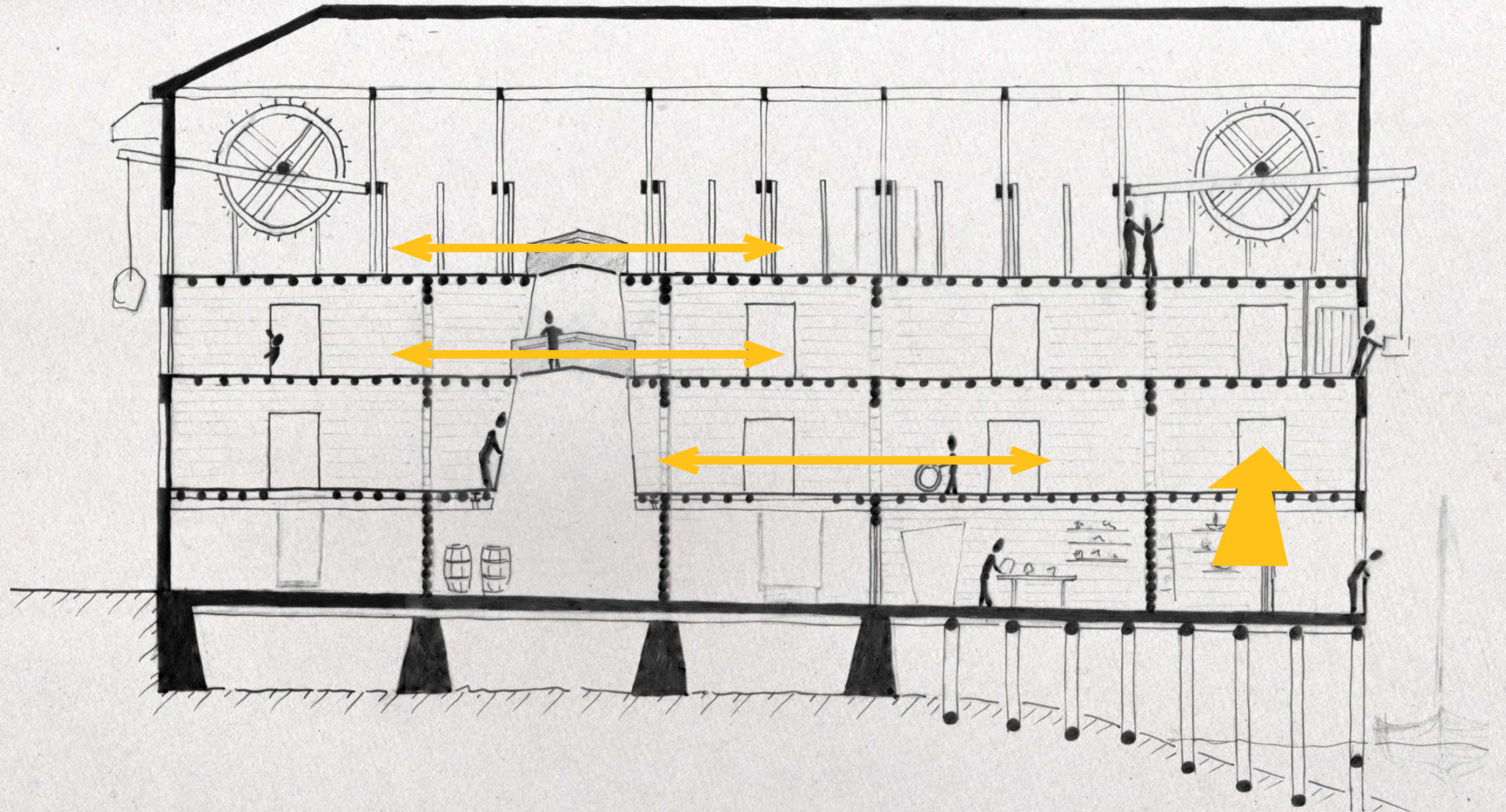
1e verdieping KG27



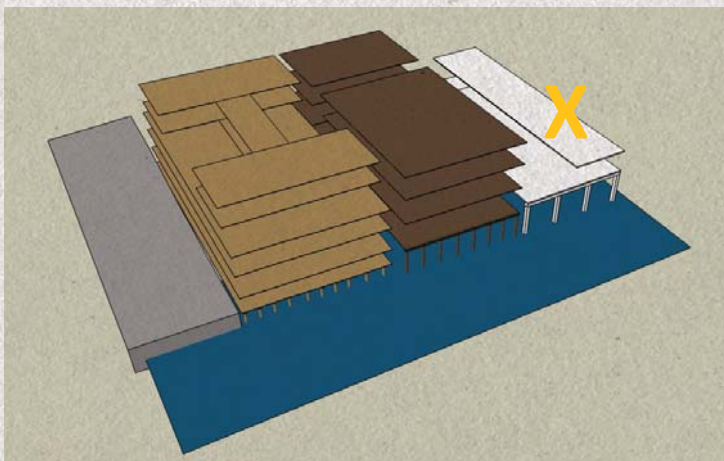
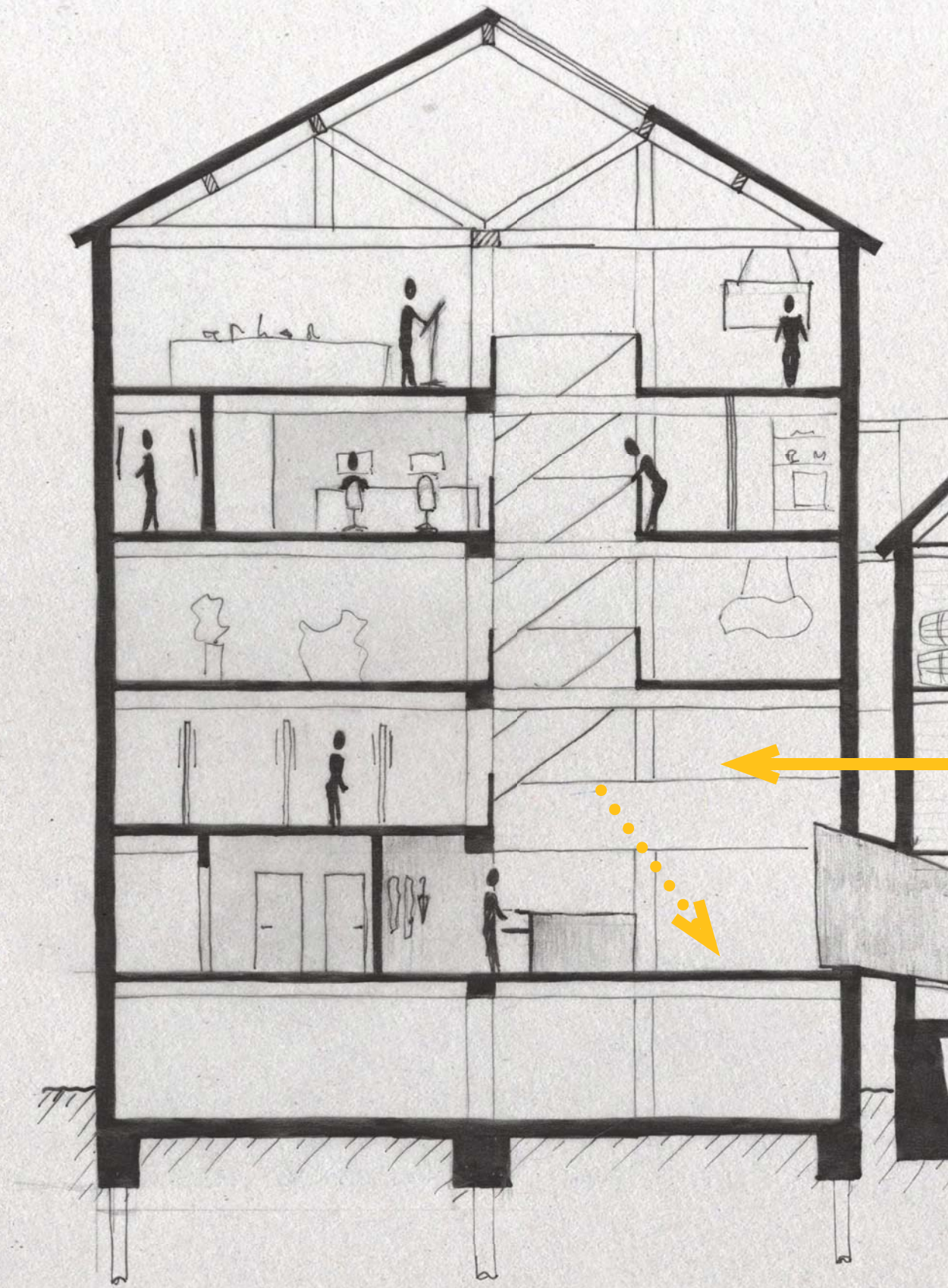
2e - 3e - 4e verdieping KG27



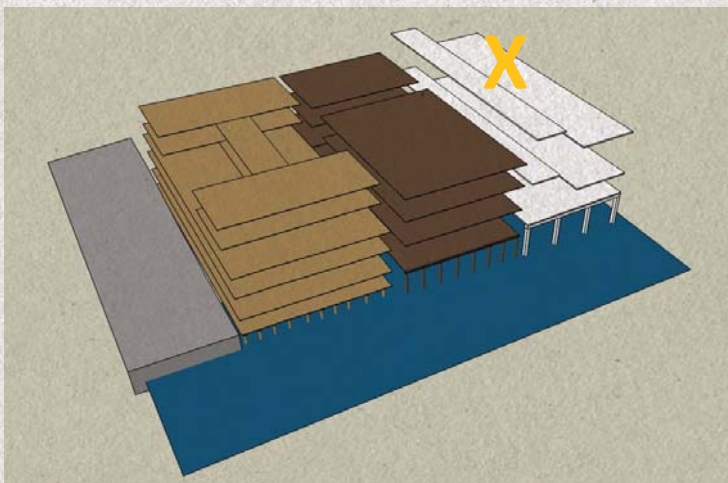
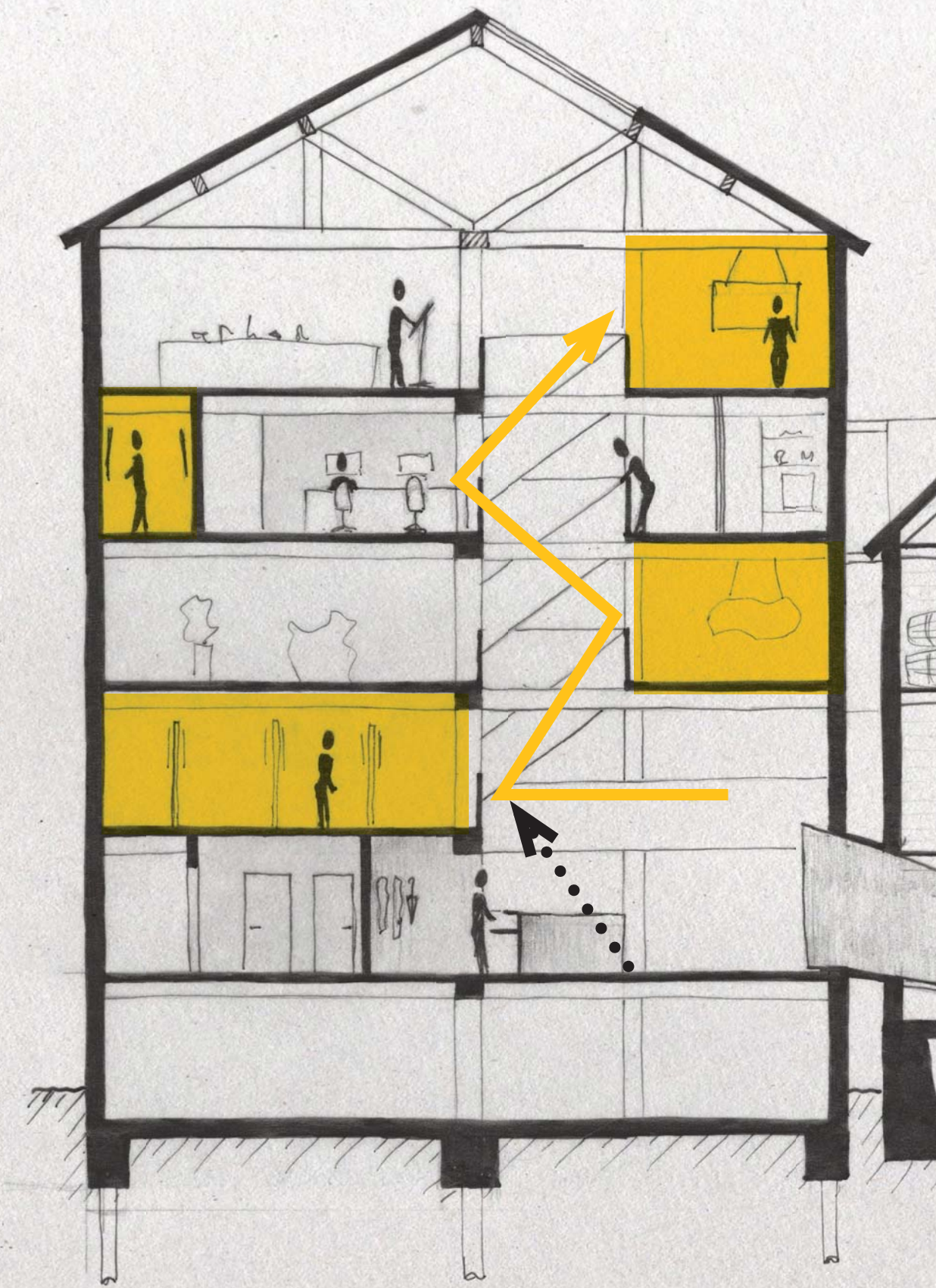
Zolderverdieping KG29



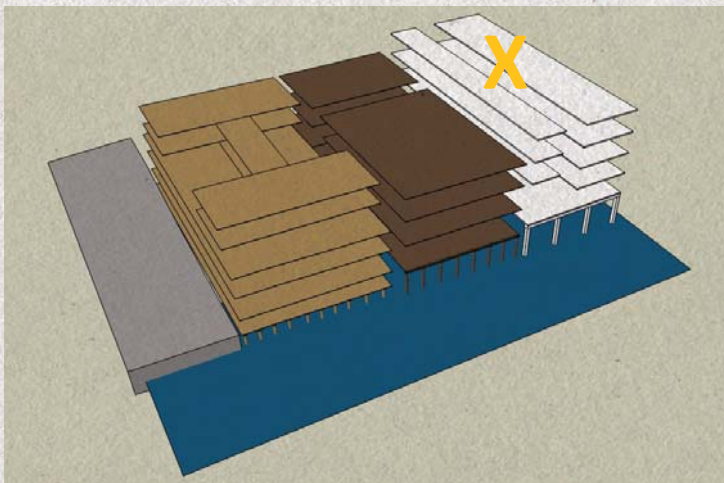
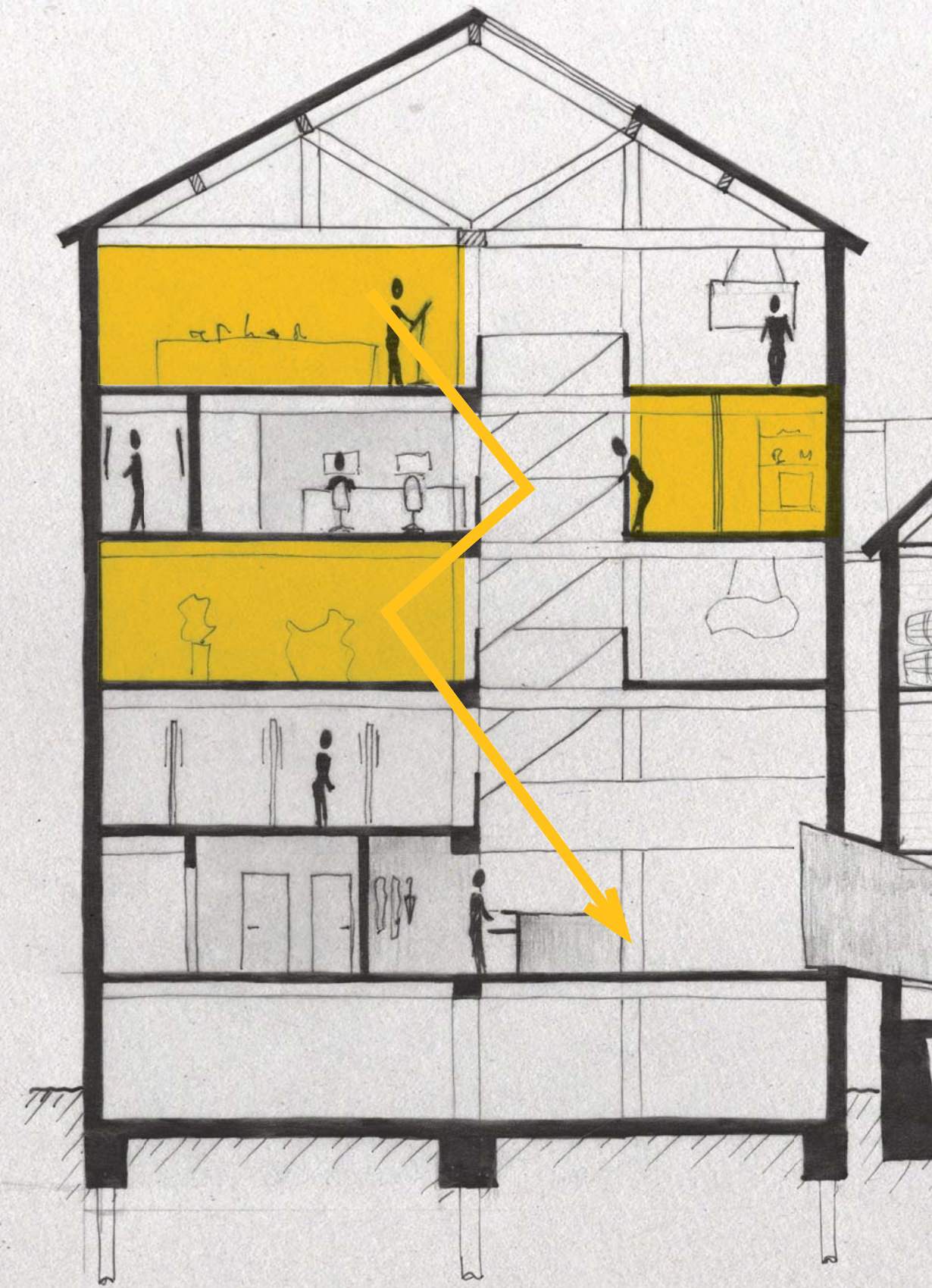
Overige verdiepingen KG29



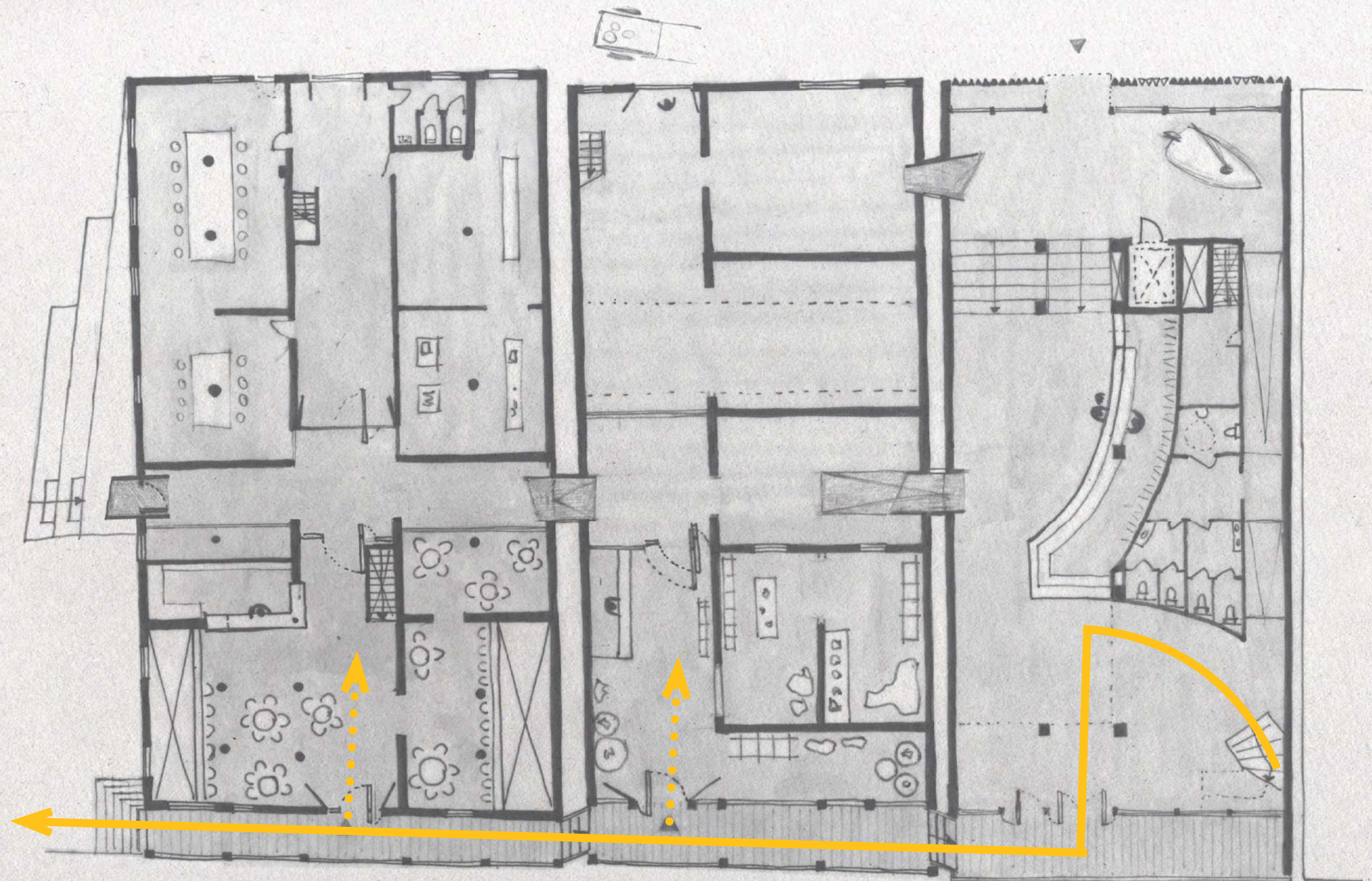
KG31 - einde vaste expositie



KG31 - wisselende expositie



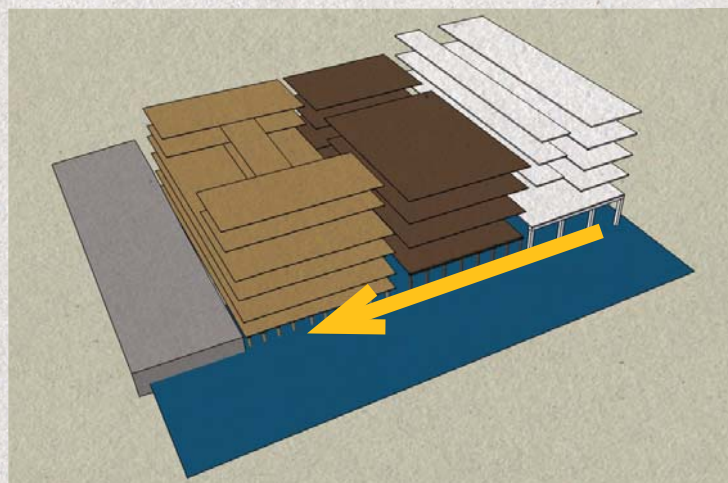
KG31 - wisselende expositie



Cafe

Shop

Uitgang

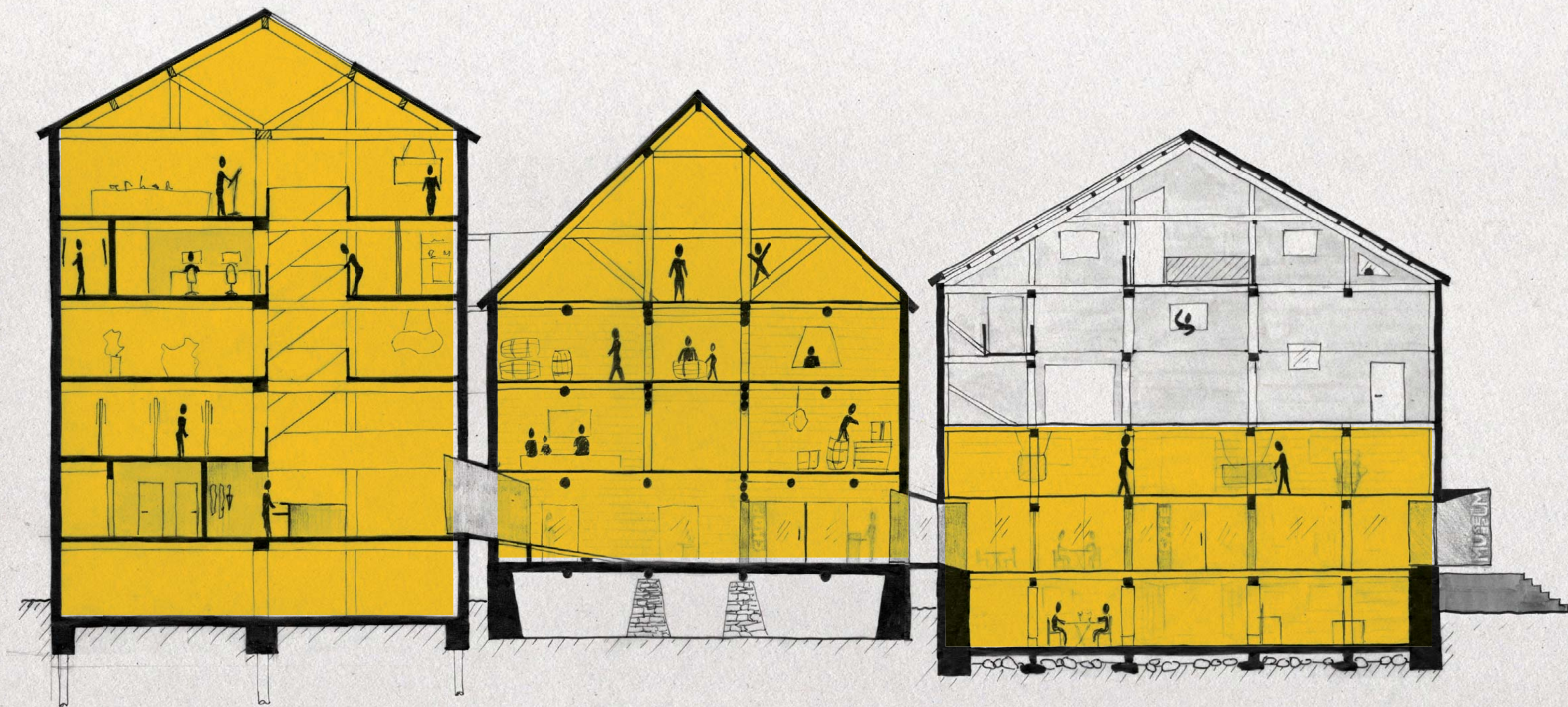


Flatbryggene

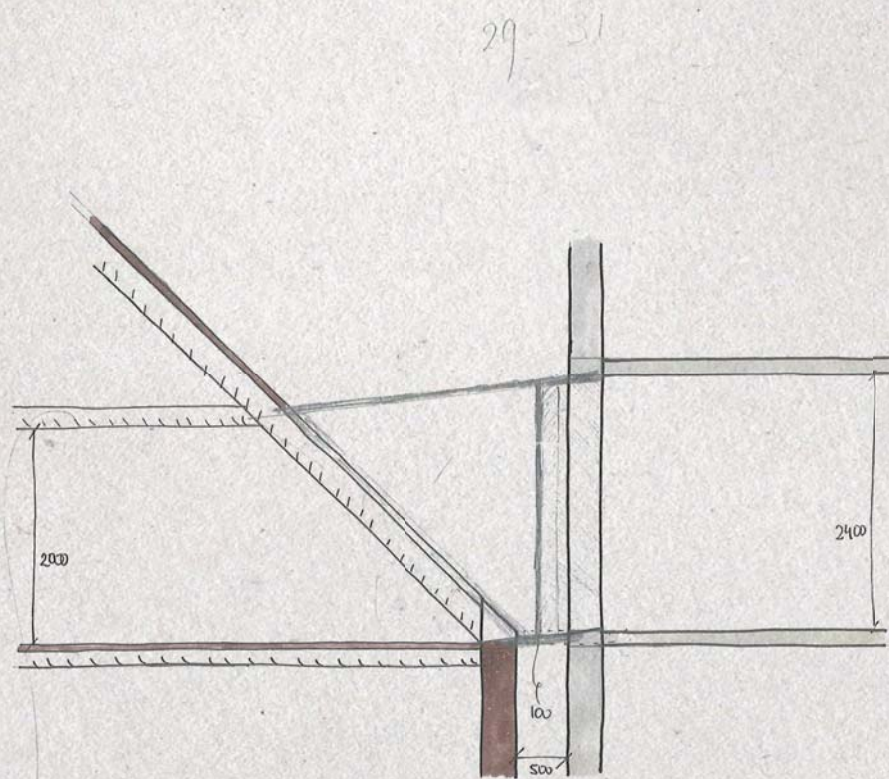
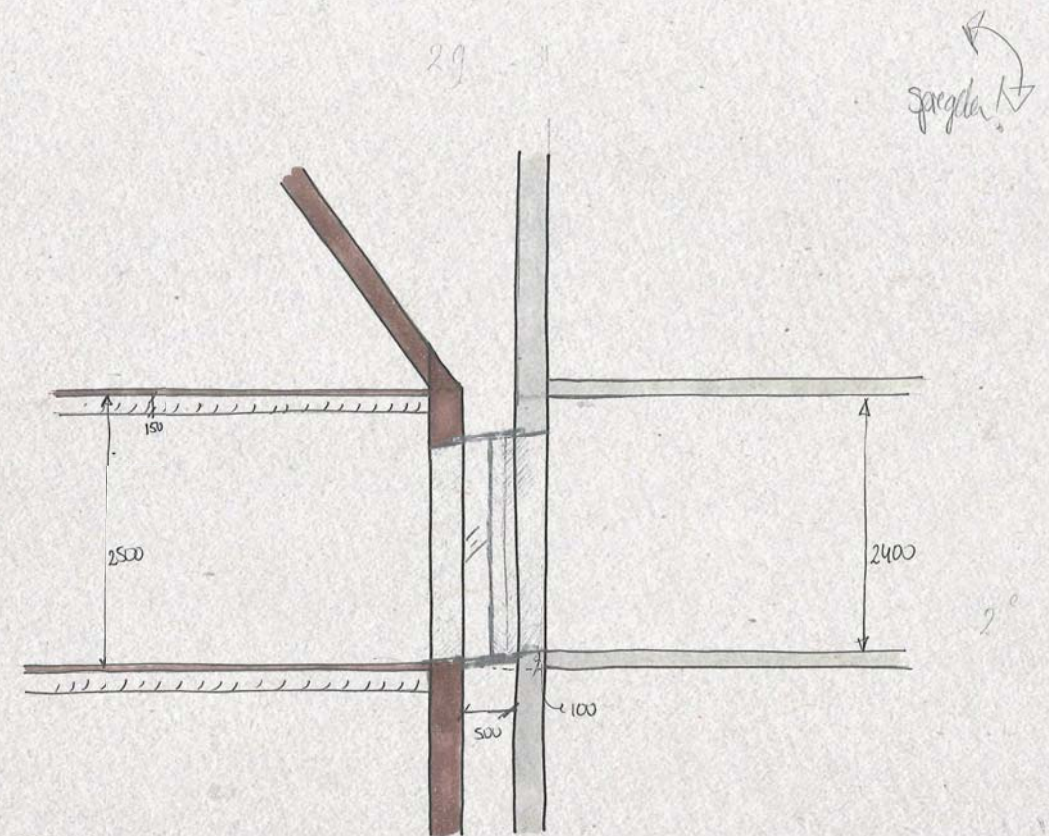
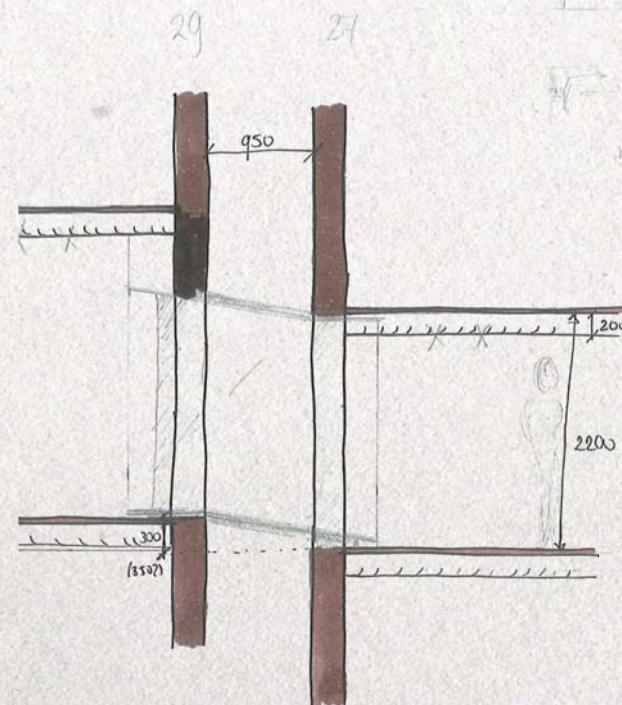
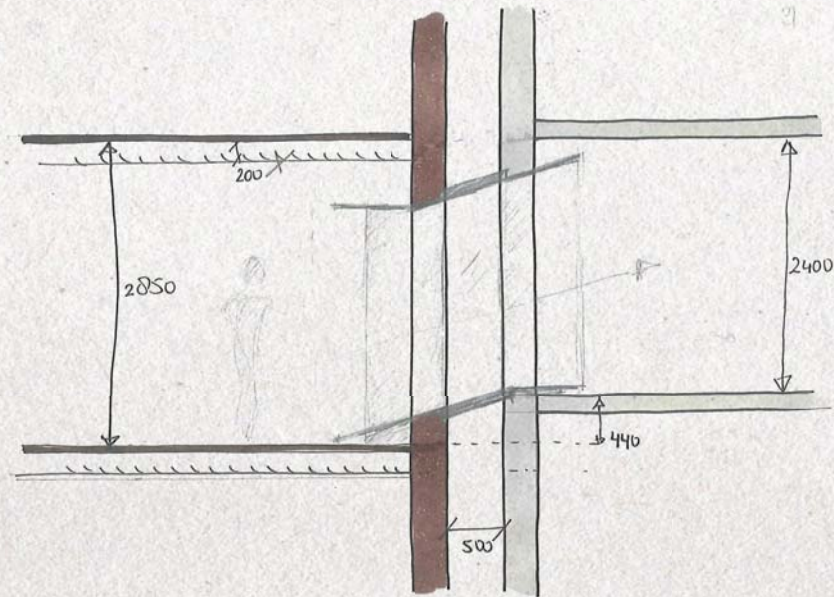
Flexibiliteit

Apart functioneren:

- Wisselende exposities
- Cafe/restaurant
- Winkel
- Workshopruimte (evt. gekoppeld aan cafe)

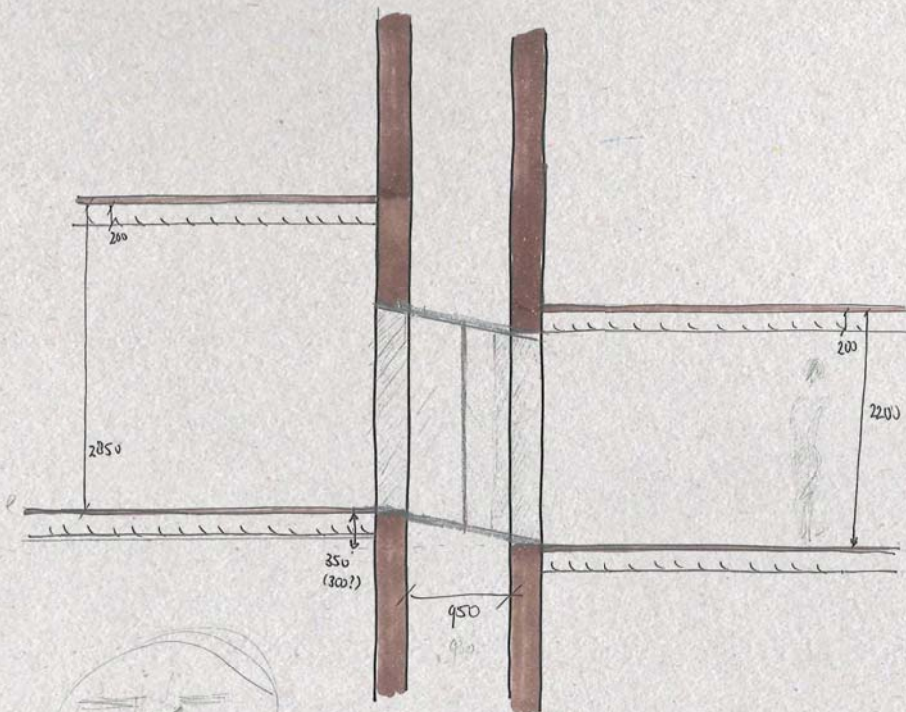


CONSTRUCTIE

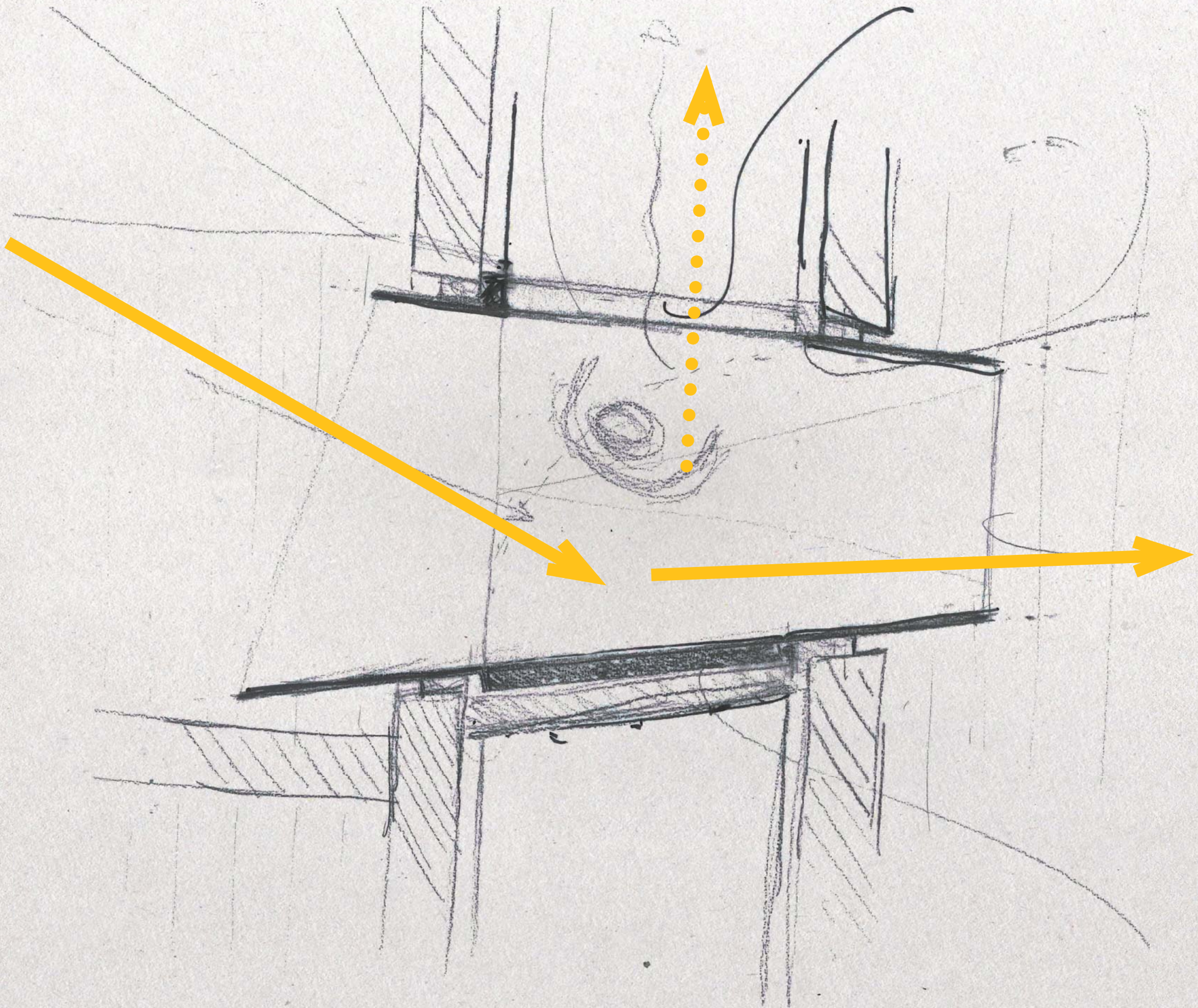


spiegels!

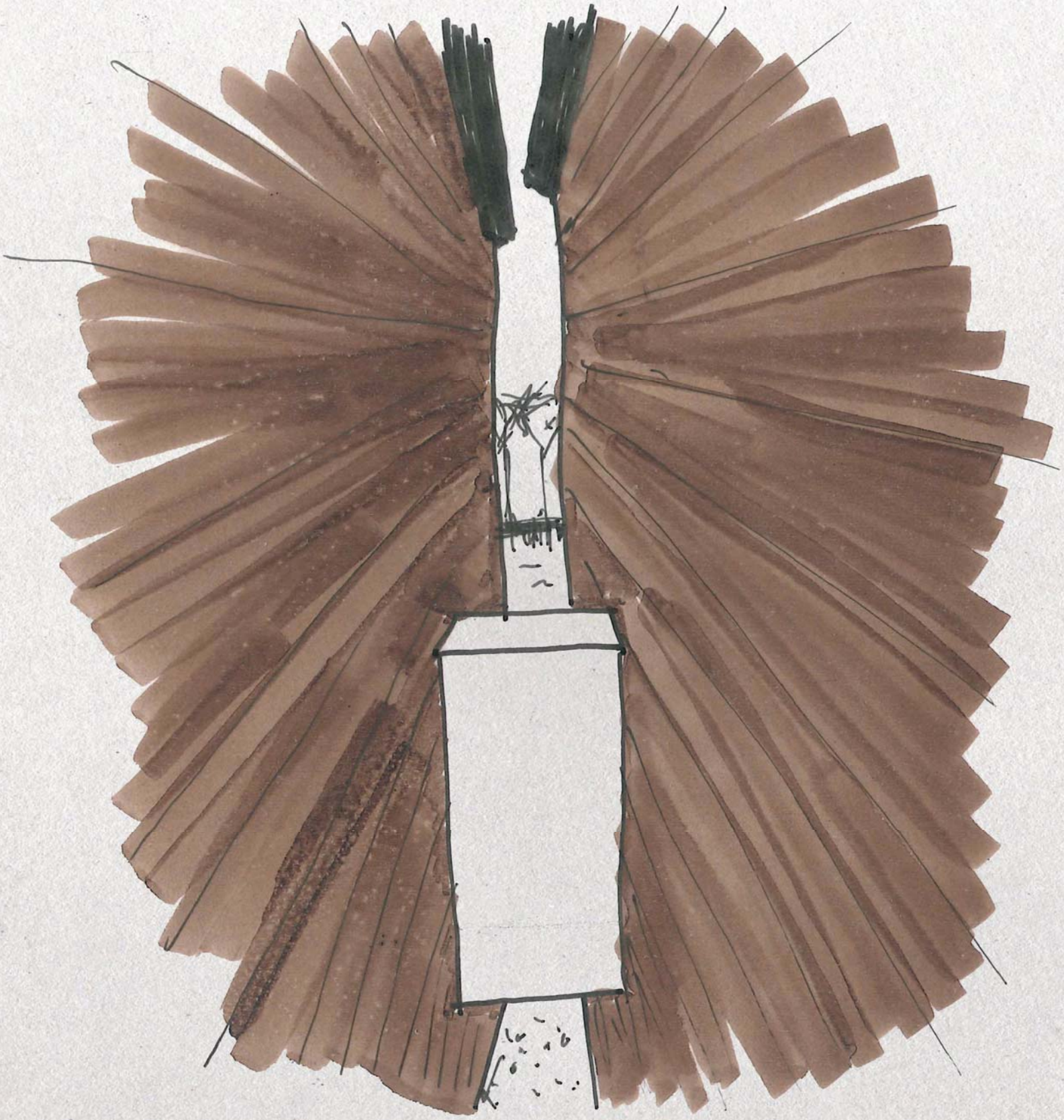
K6 29 → K6 27
27 medianen

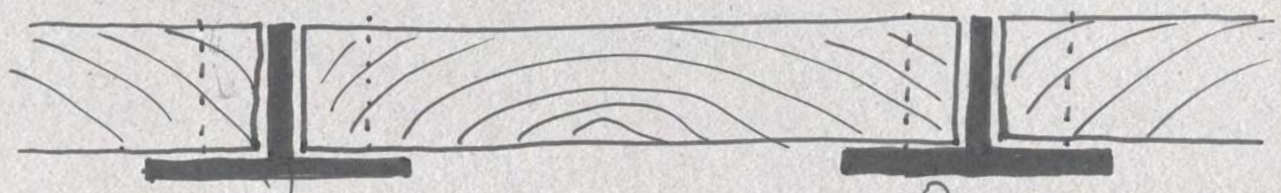
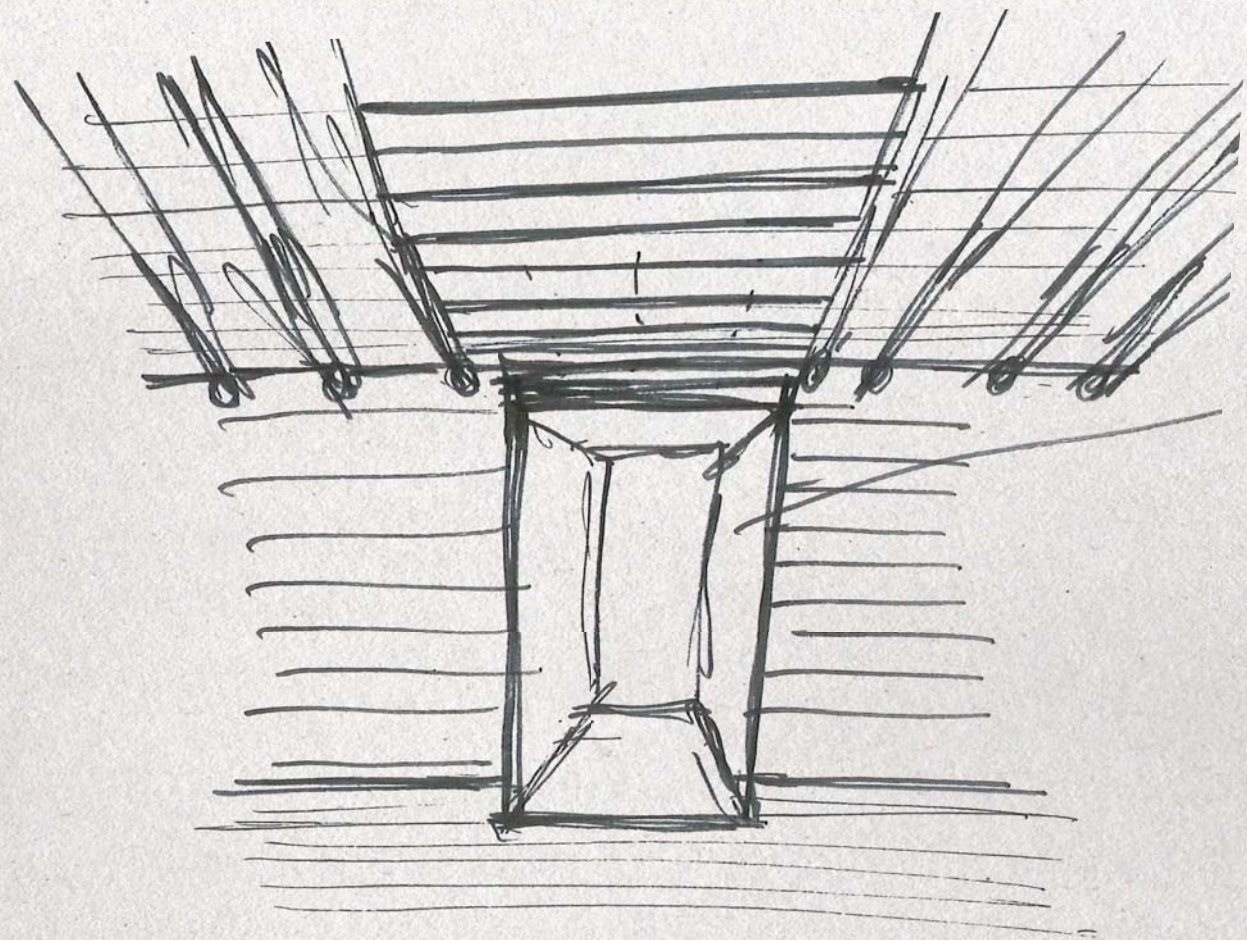
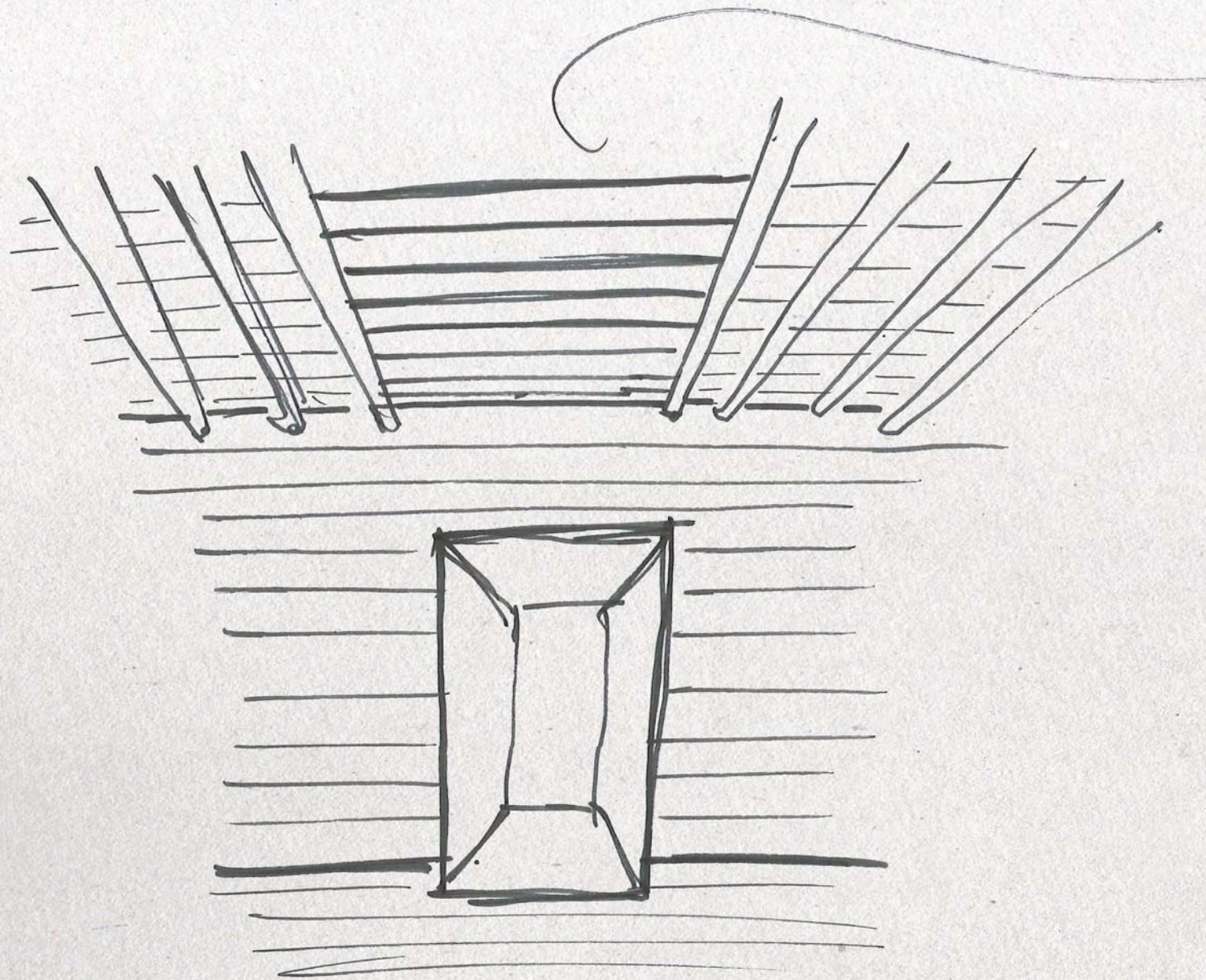


K6 29 (↔) K6 31
op tweede verdieping
vluchtroute
nolsheltoegankelijk



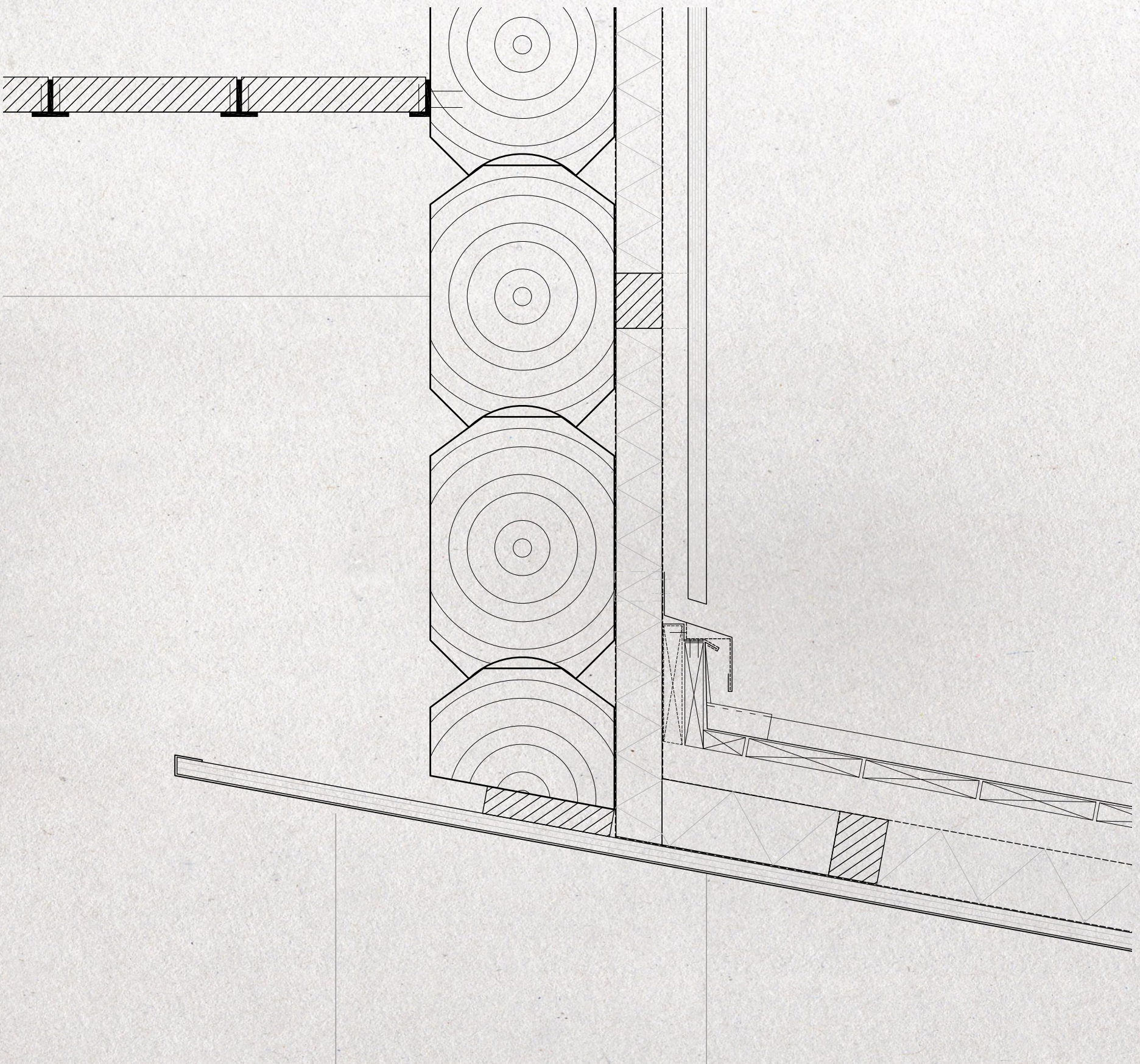
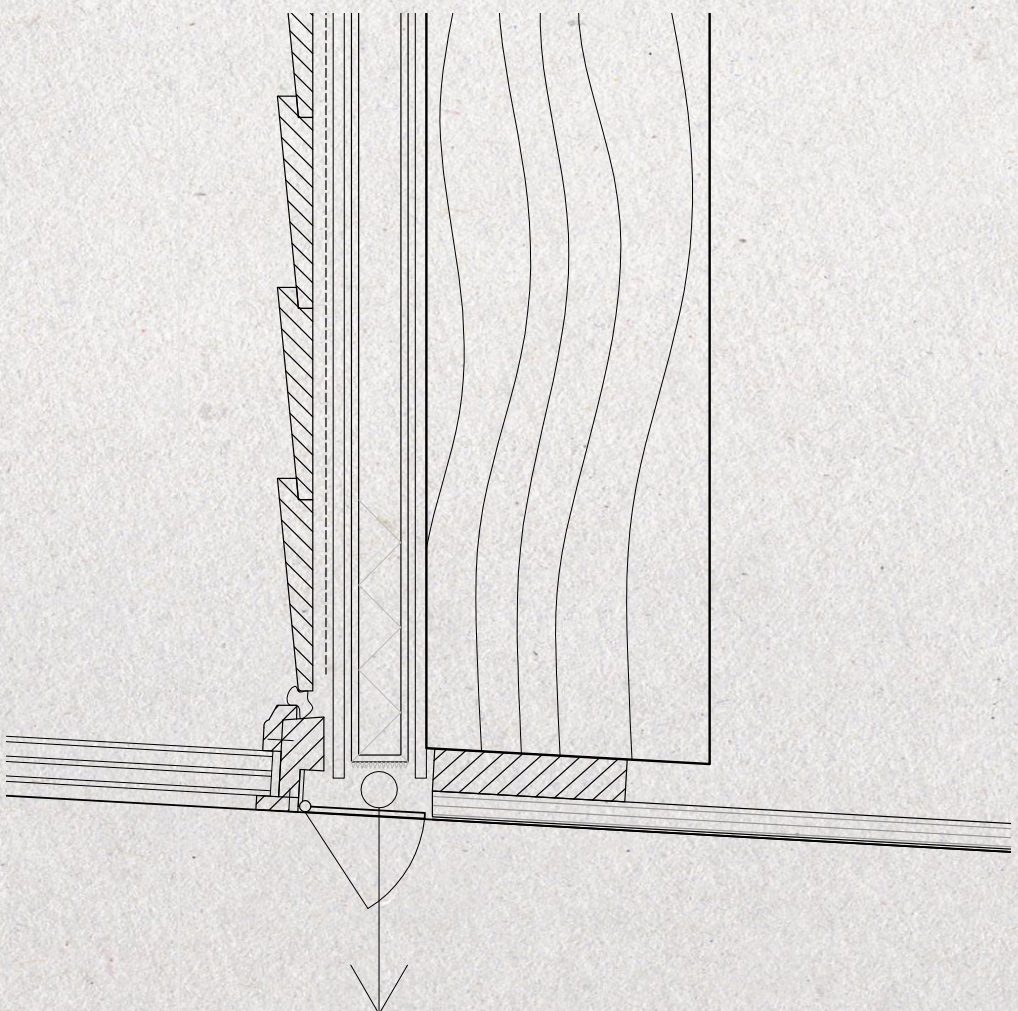


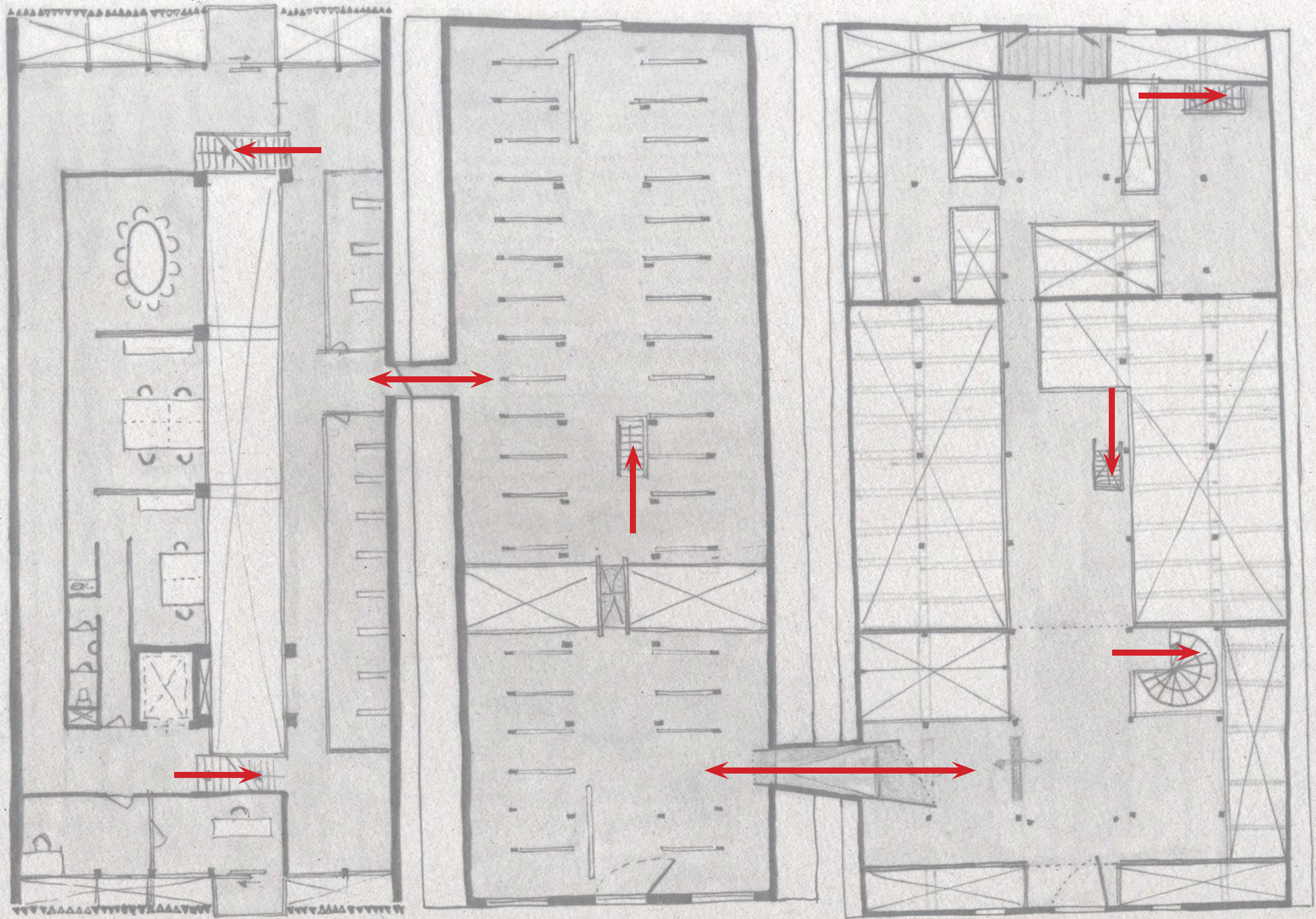


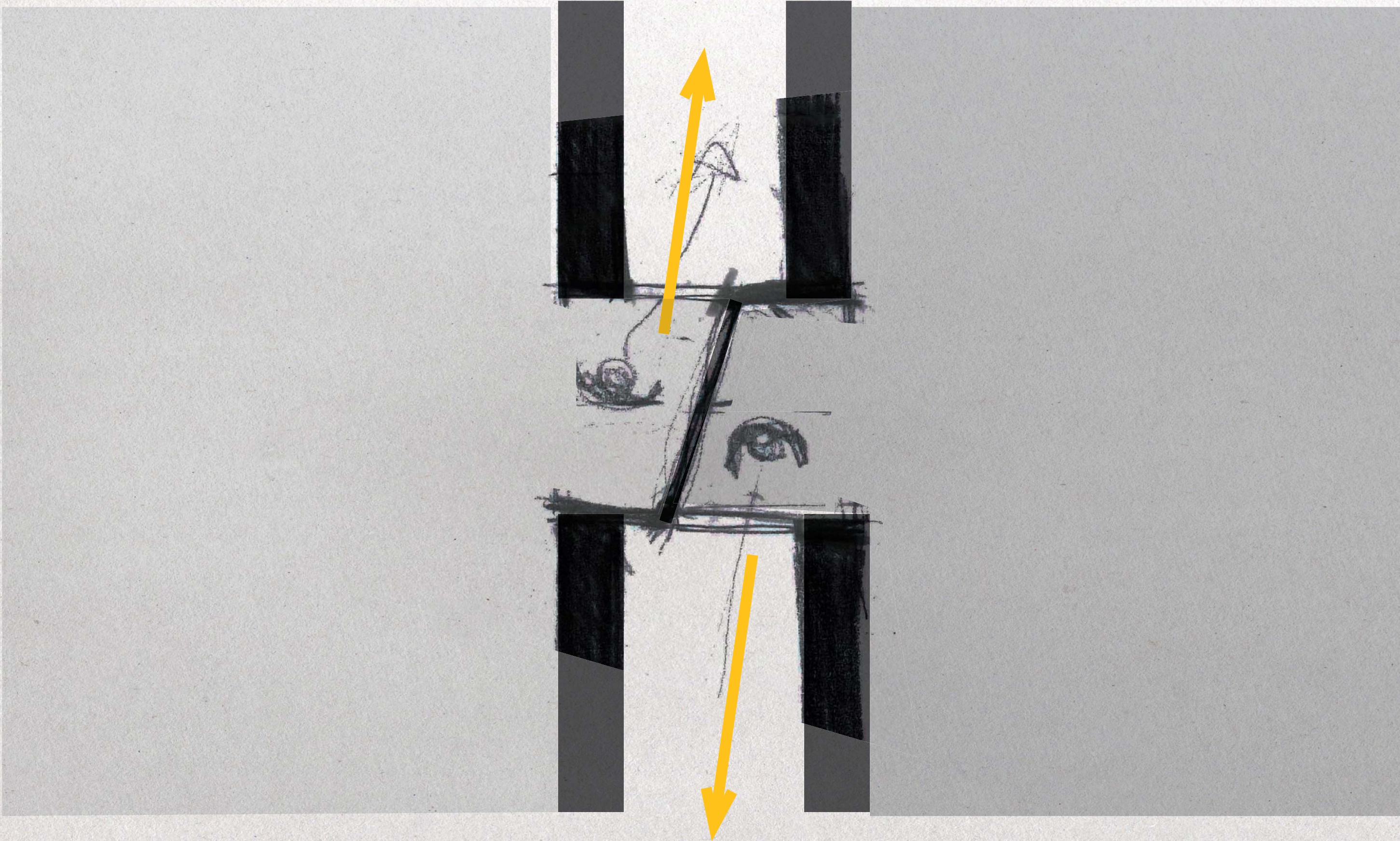


T-profielen
5x40x40

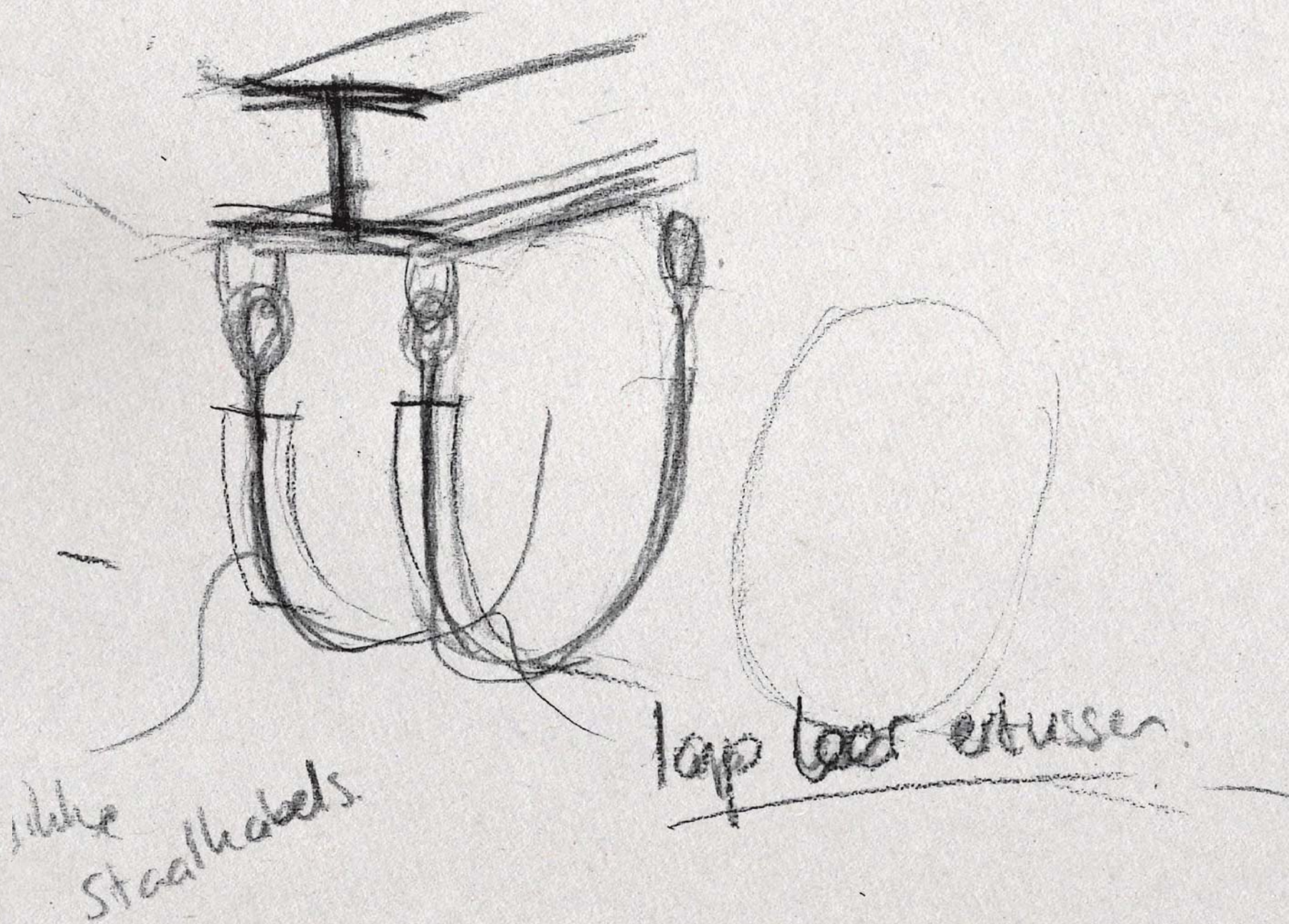
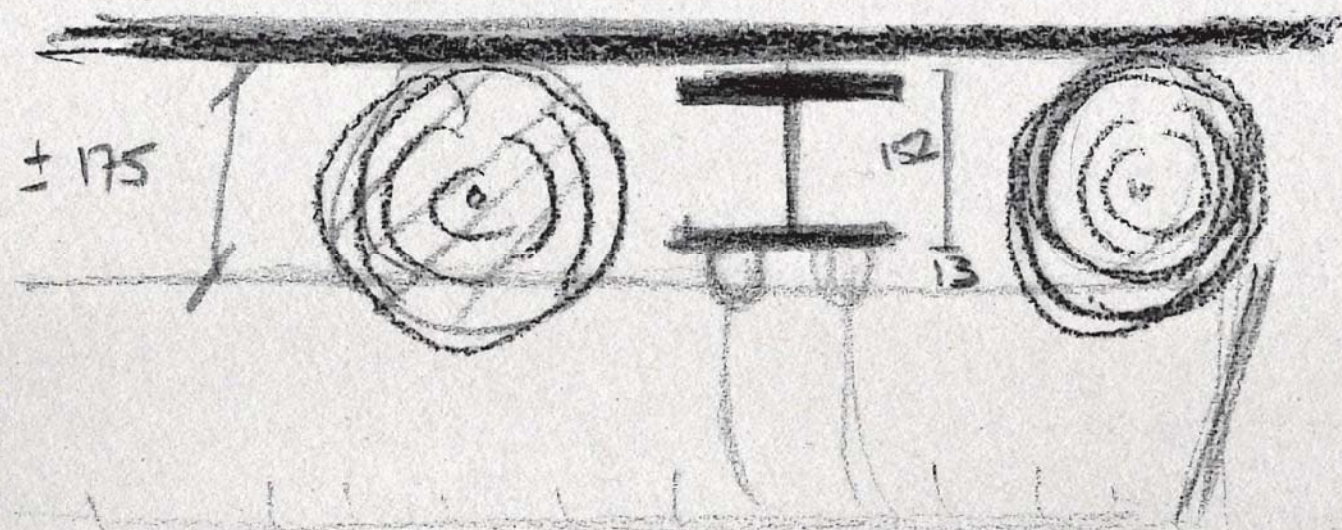
in lengterichting
van vloerplanken

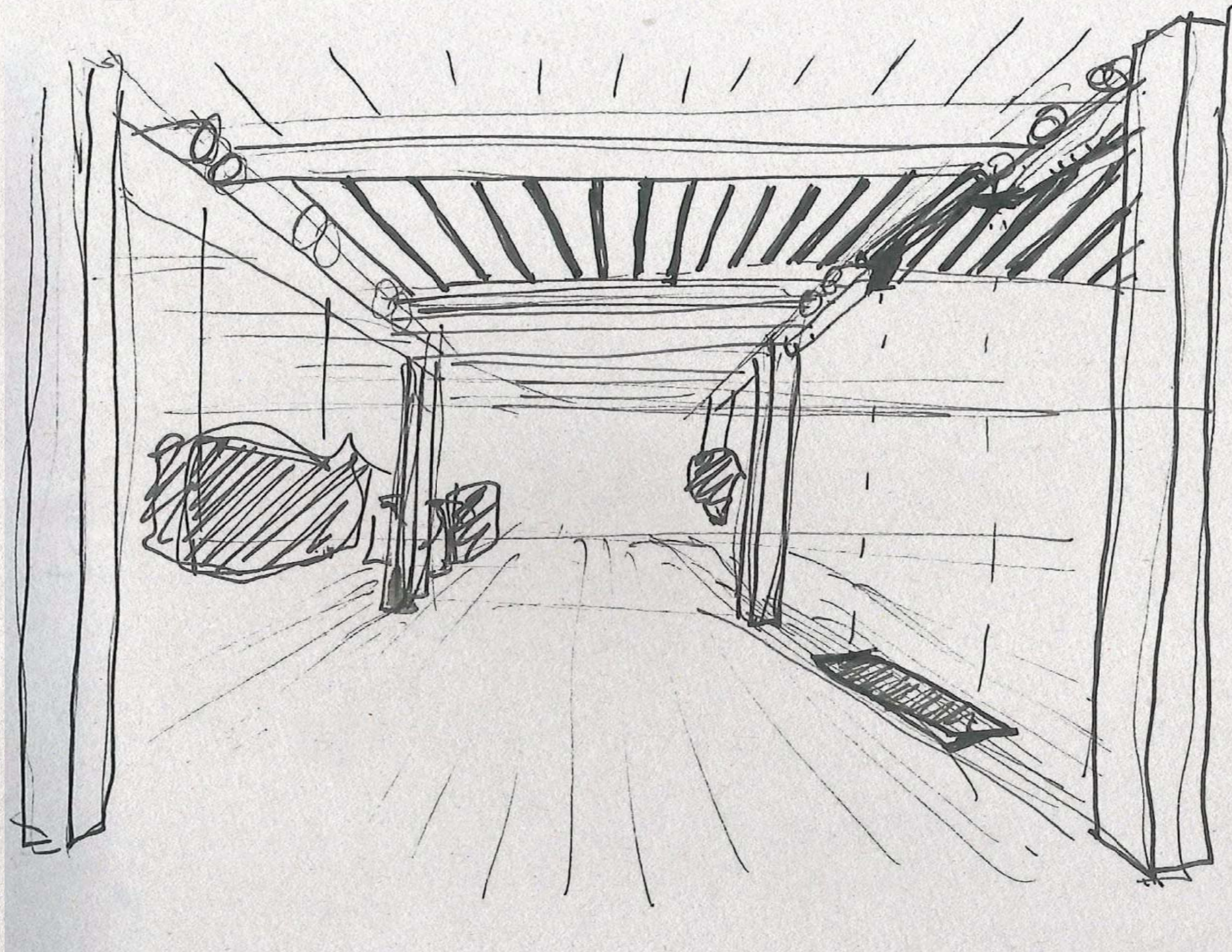


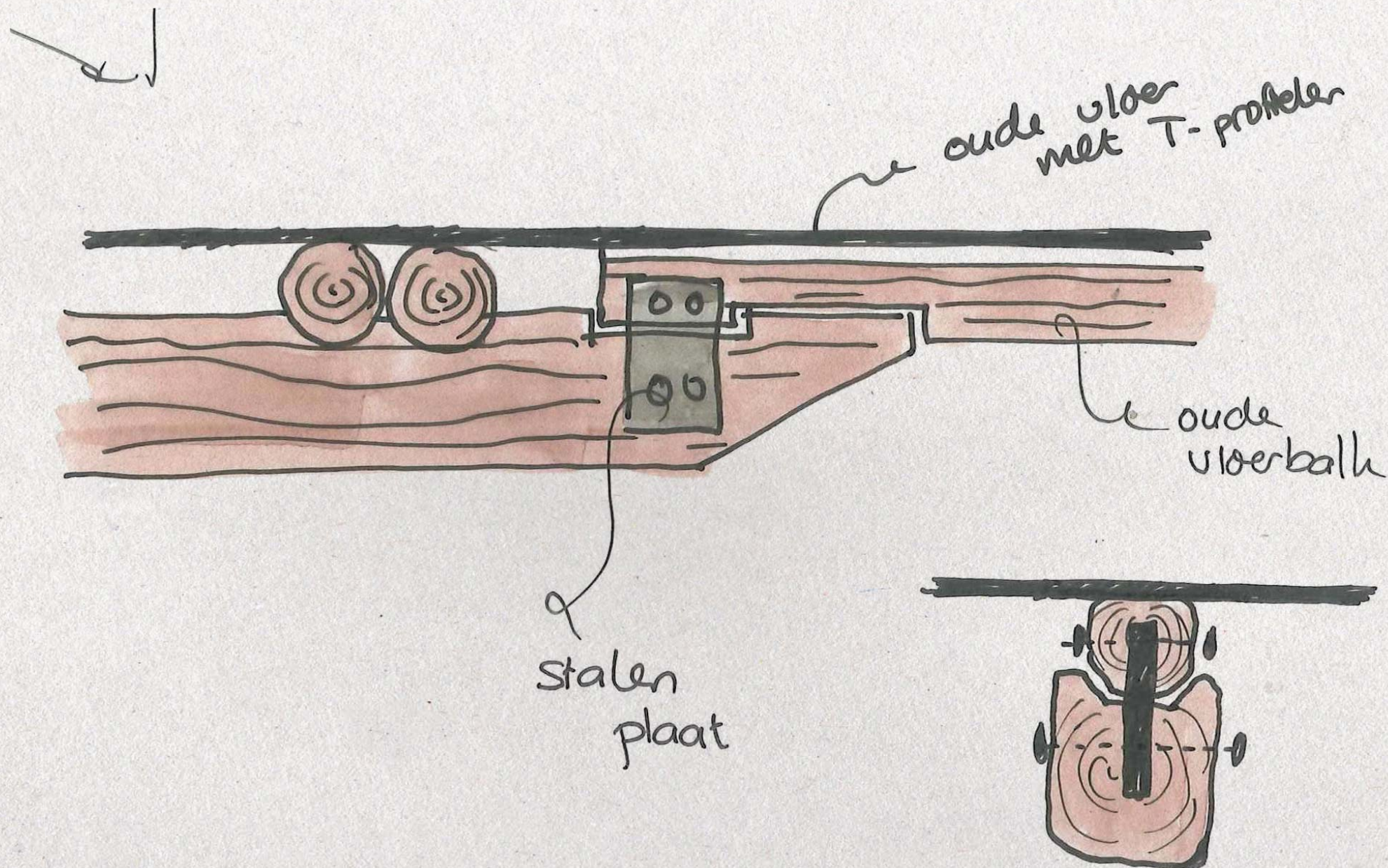


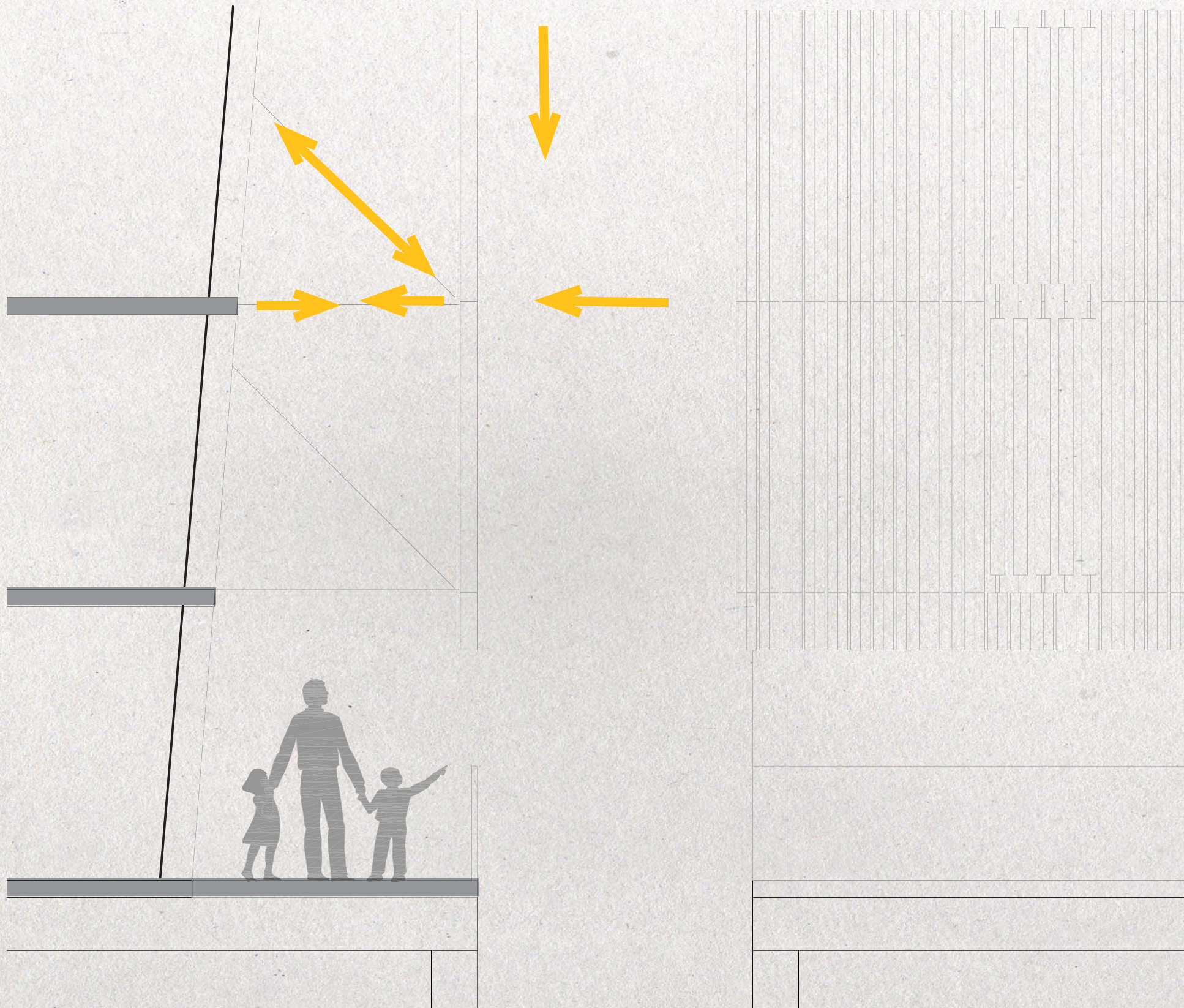


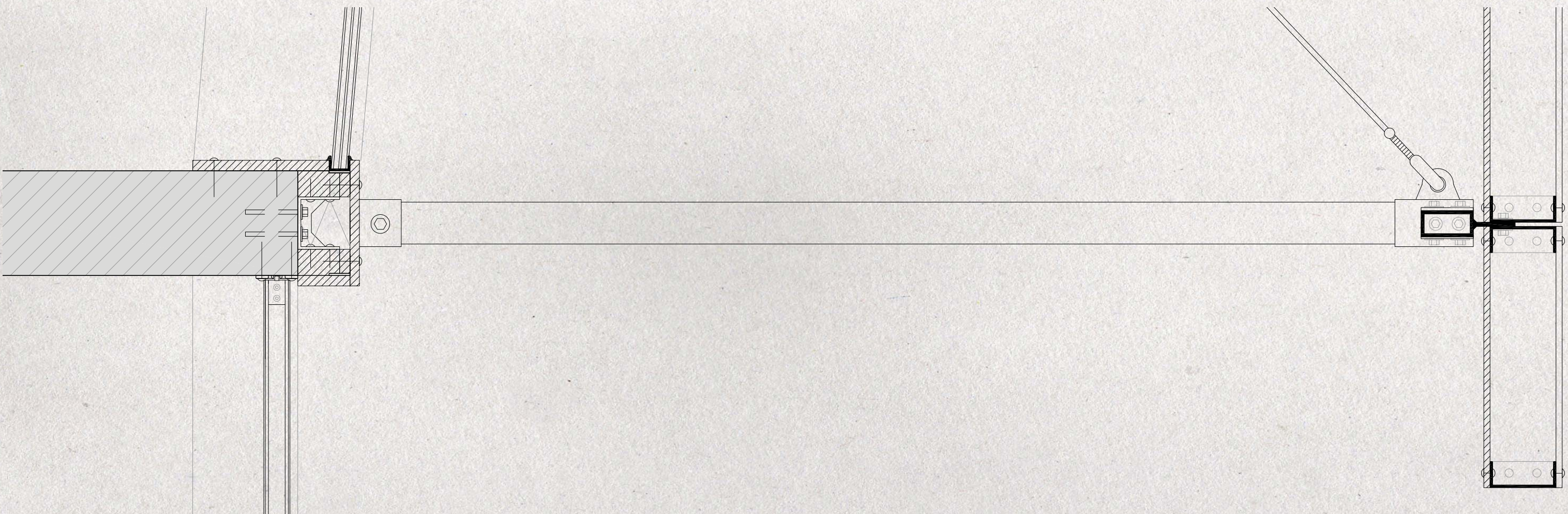


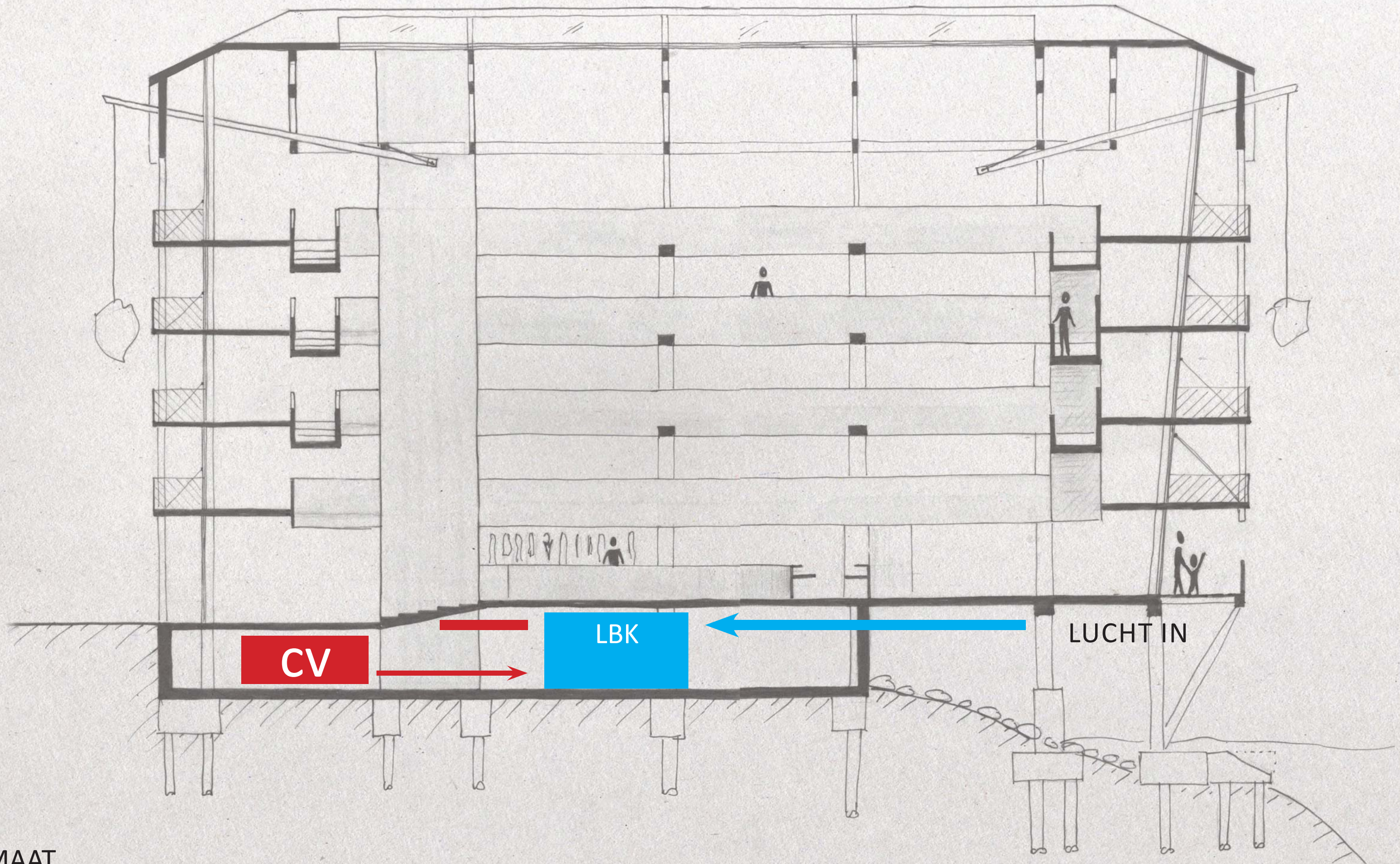




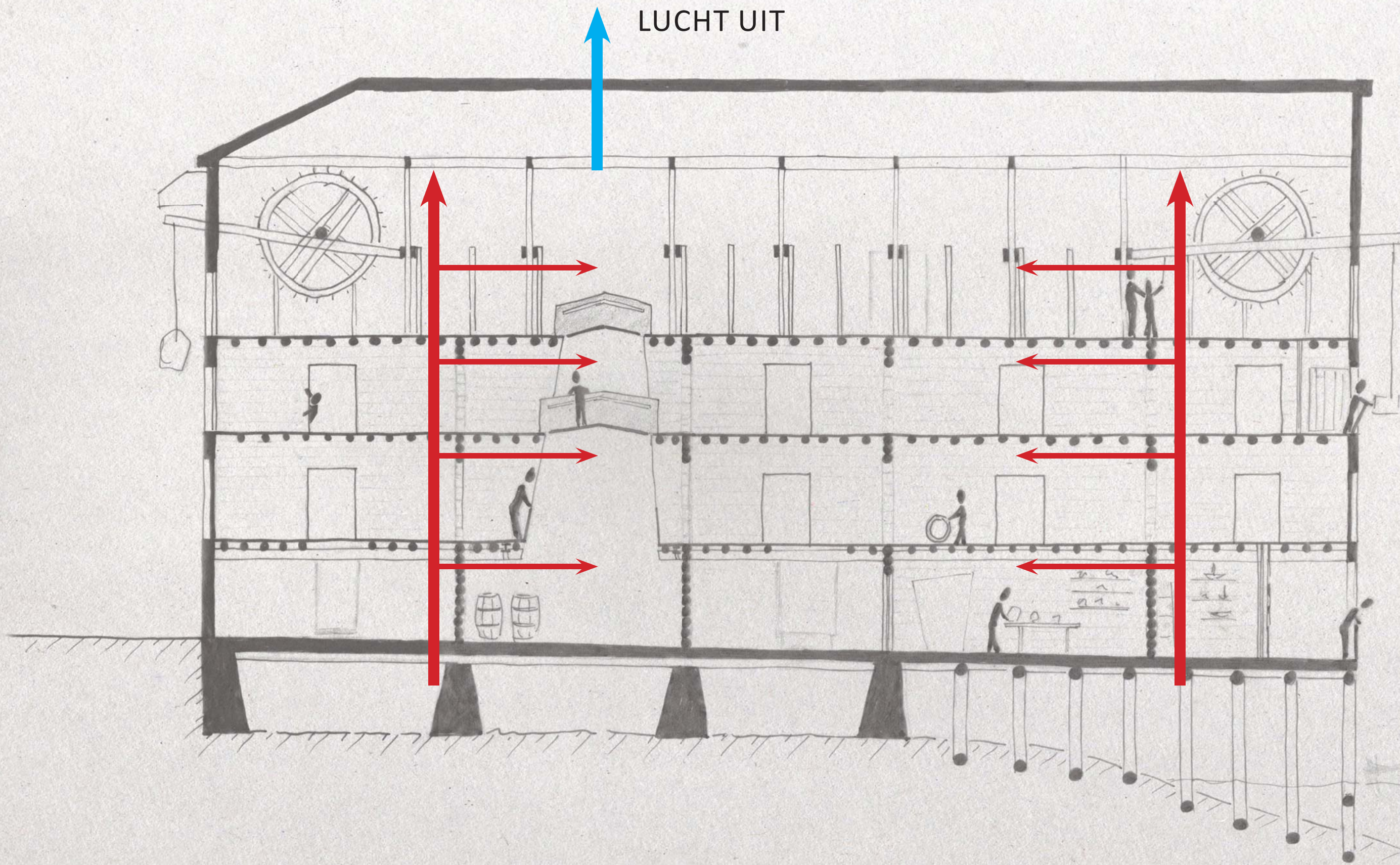








LUCHT UIT



TAKK FOR MEG!