

# **Art Gallery of Nijmegen**

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P5 Presentation  
Urban Architecture Graduation Studio  
November 5th, 2021

**The Art Gallery of Nijmegen embodies a story where an existing building and a transformed building meet each other. In the middle, they find opportunities to start their dialogue and to let this breathe throughout both buildings.**



**01 / Context**  
**02 / Urban proposal**  
**03/ Architectural proposal**  
**04 / Material positioning**  
**05/ Conclusion**

## **01 / Context**



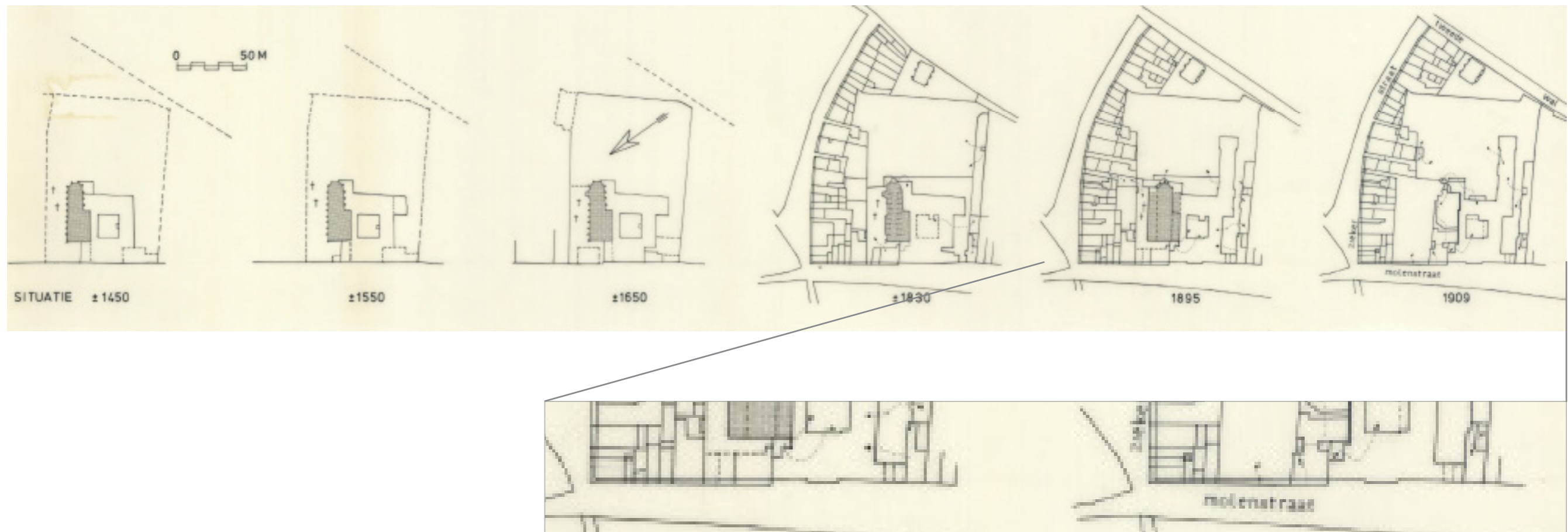


Still from P1 film "What time is this place"

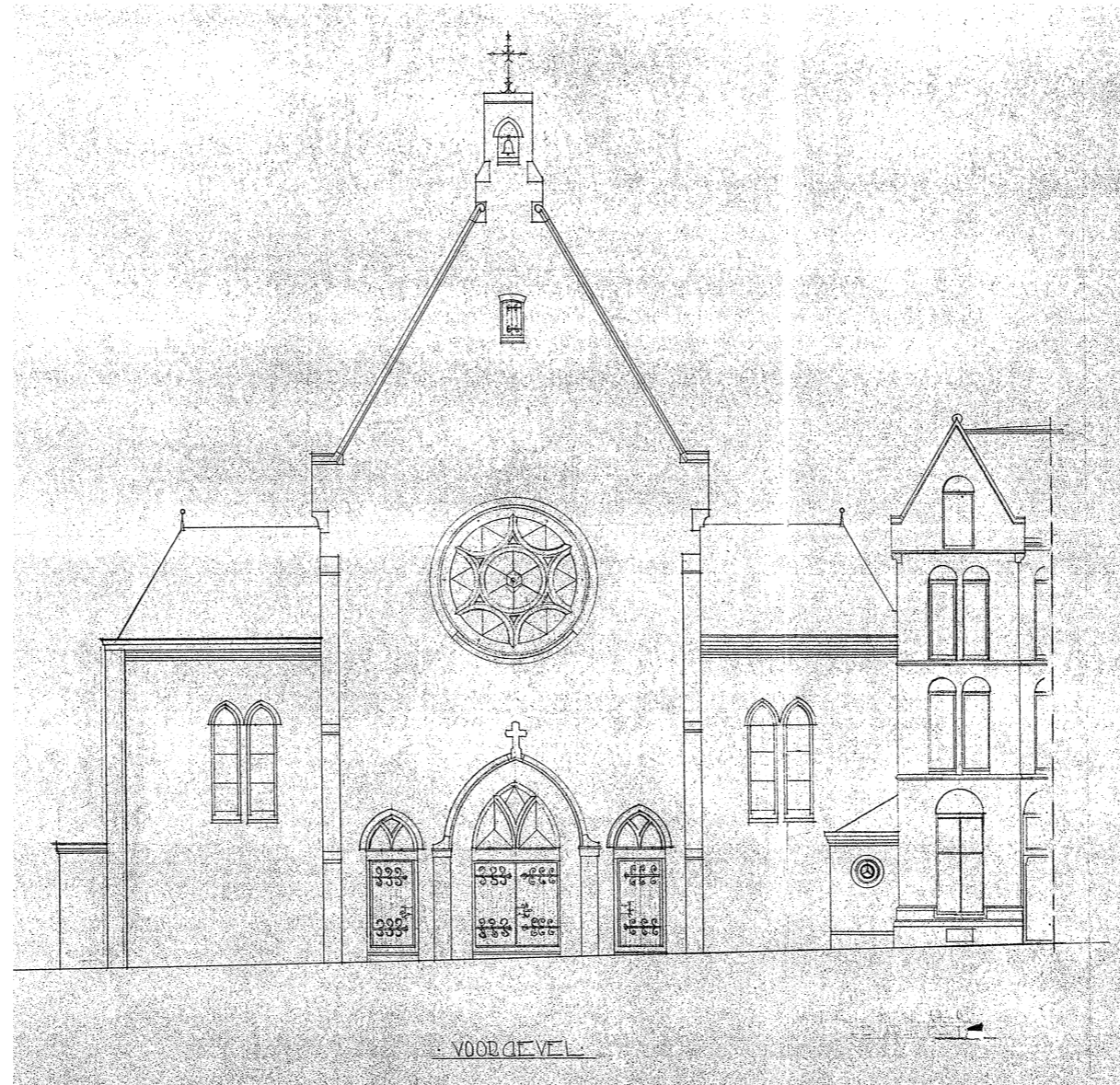






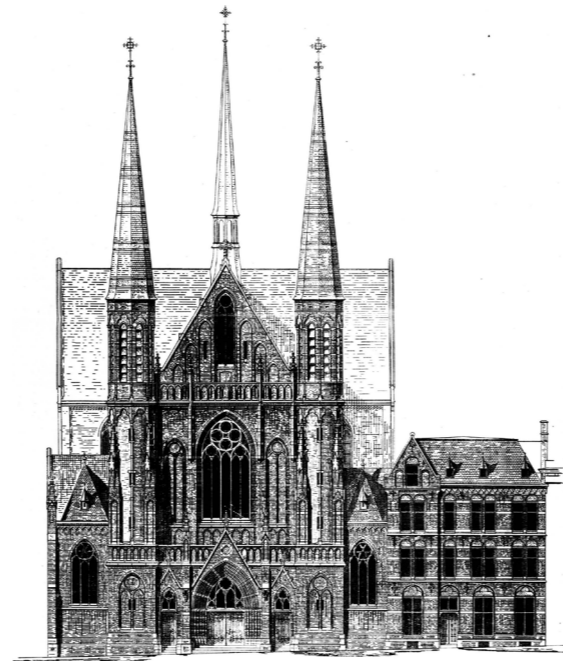
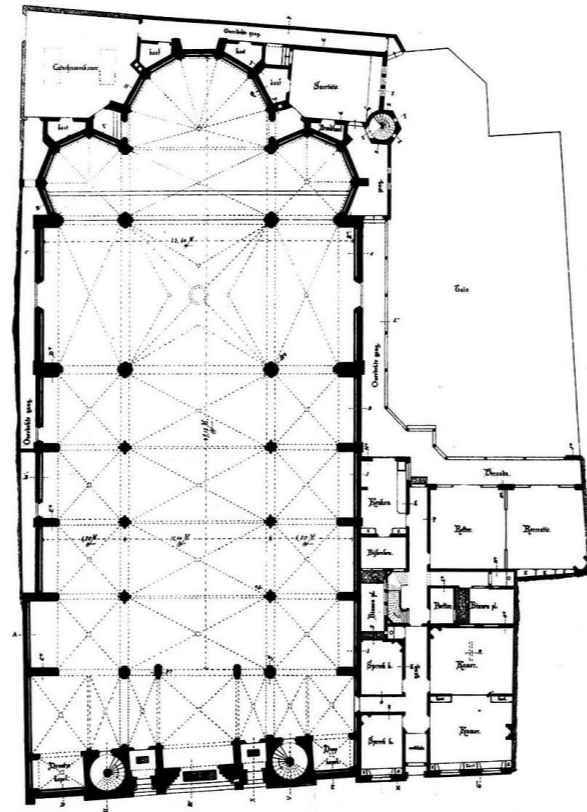






























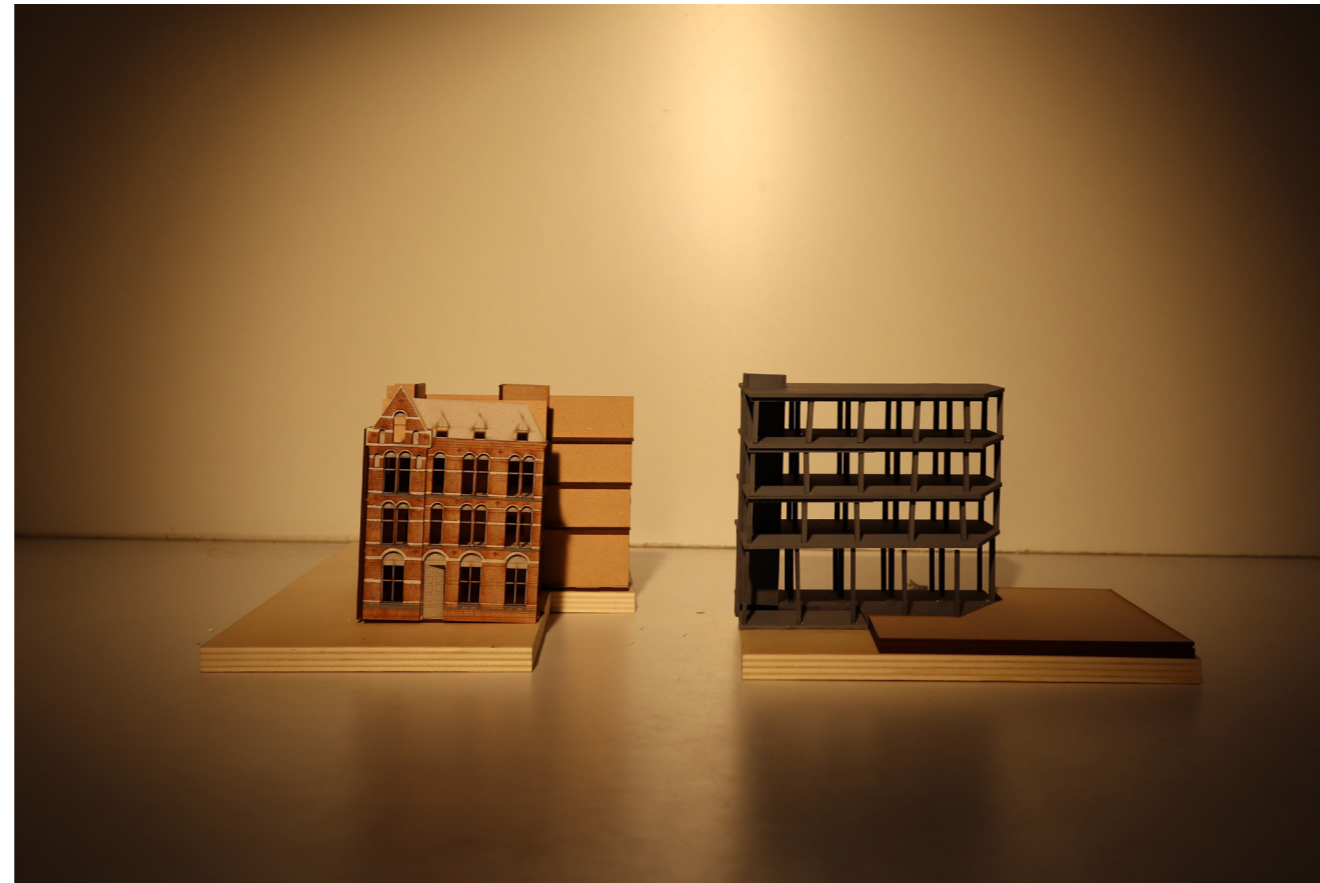
An alley



Still from P1 film "What time is this place" (2020)



Street observation on first site visit to Nijmegen

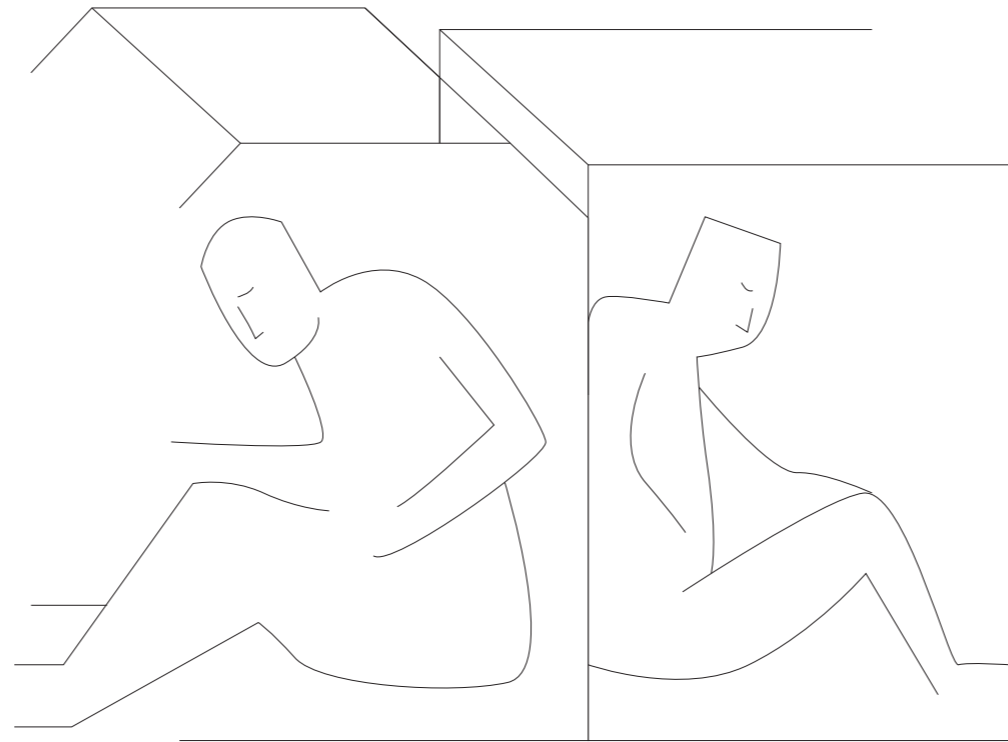


Parish hall

Molenpoort

## Problem statement

Intermediate spaces  
become problem areas due to a  
lack of dialogue  
between the buildings on site



## **02 / Urban proposal**

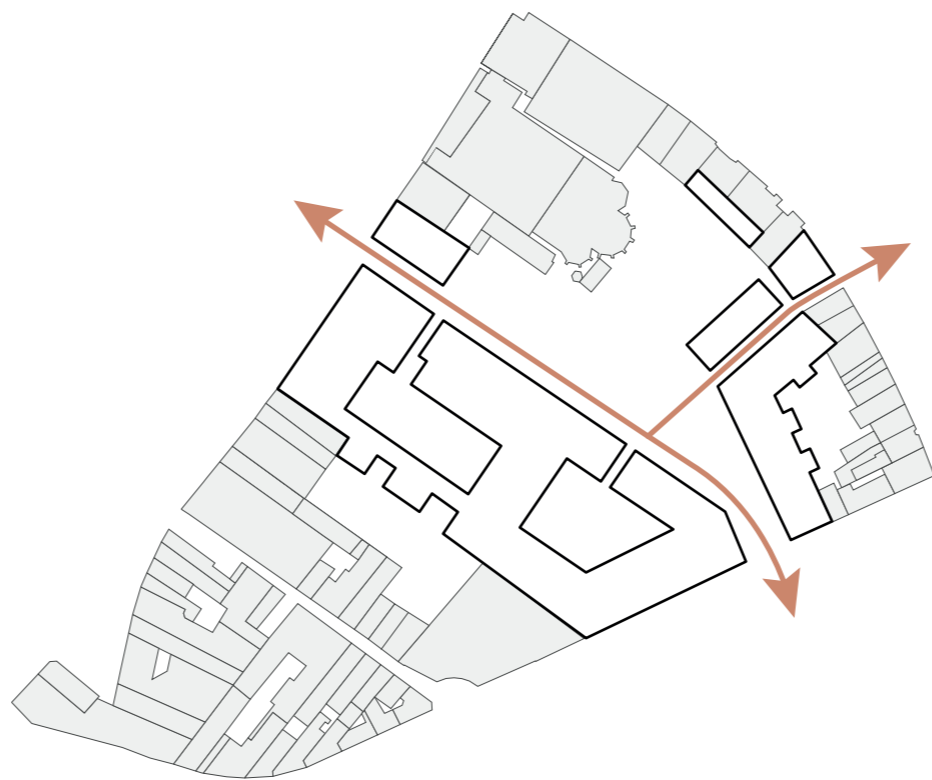
1. Reintroducing the human dimension to the site
2. Creating intimate spaces in the city
3. Creating an engaging place for the local community
4. New diverse program enhancing social intergration





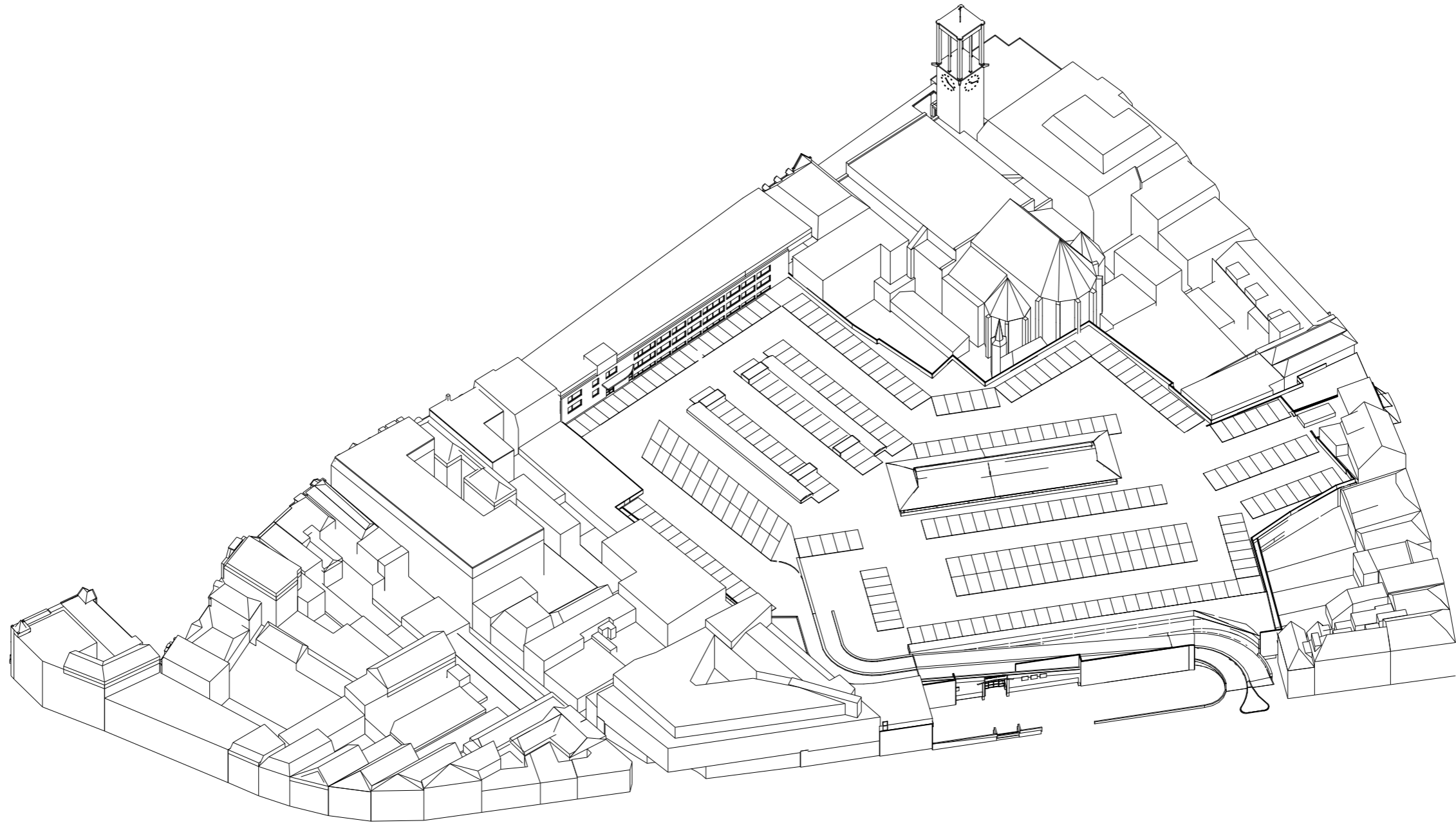


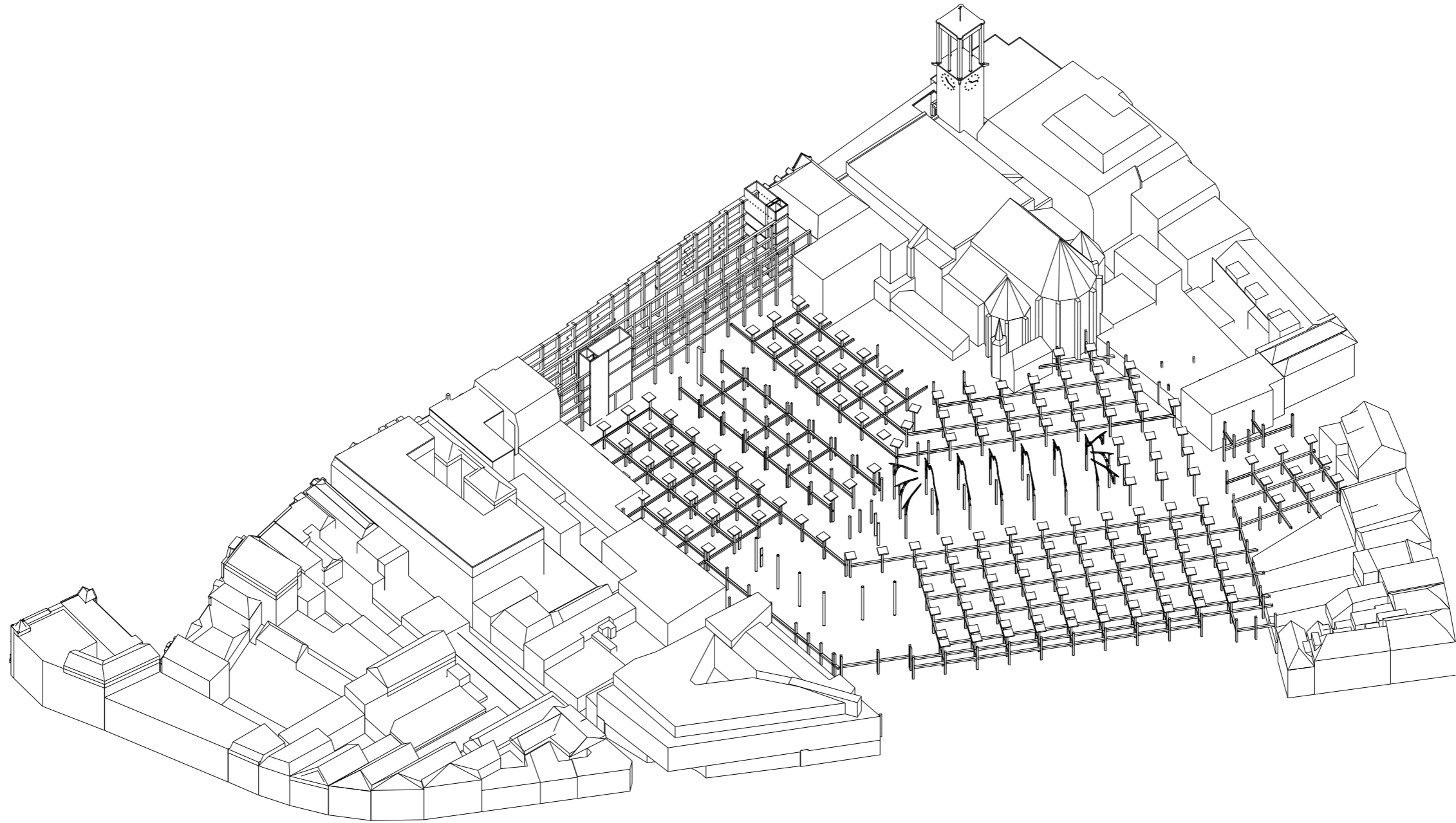
2. Urban proposal

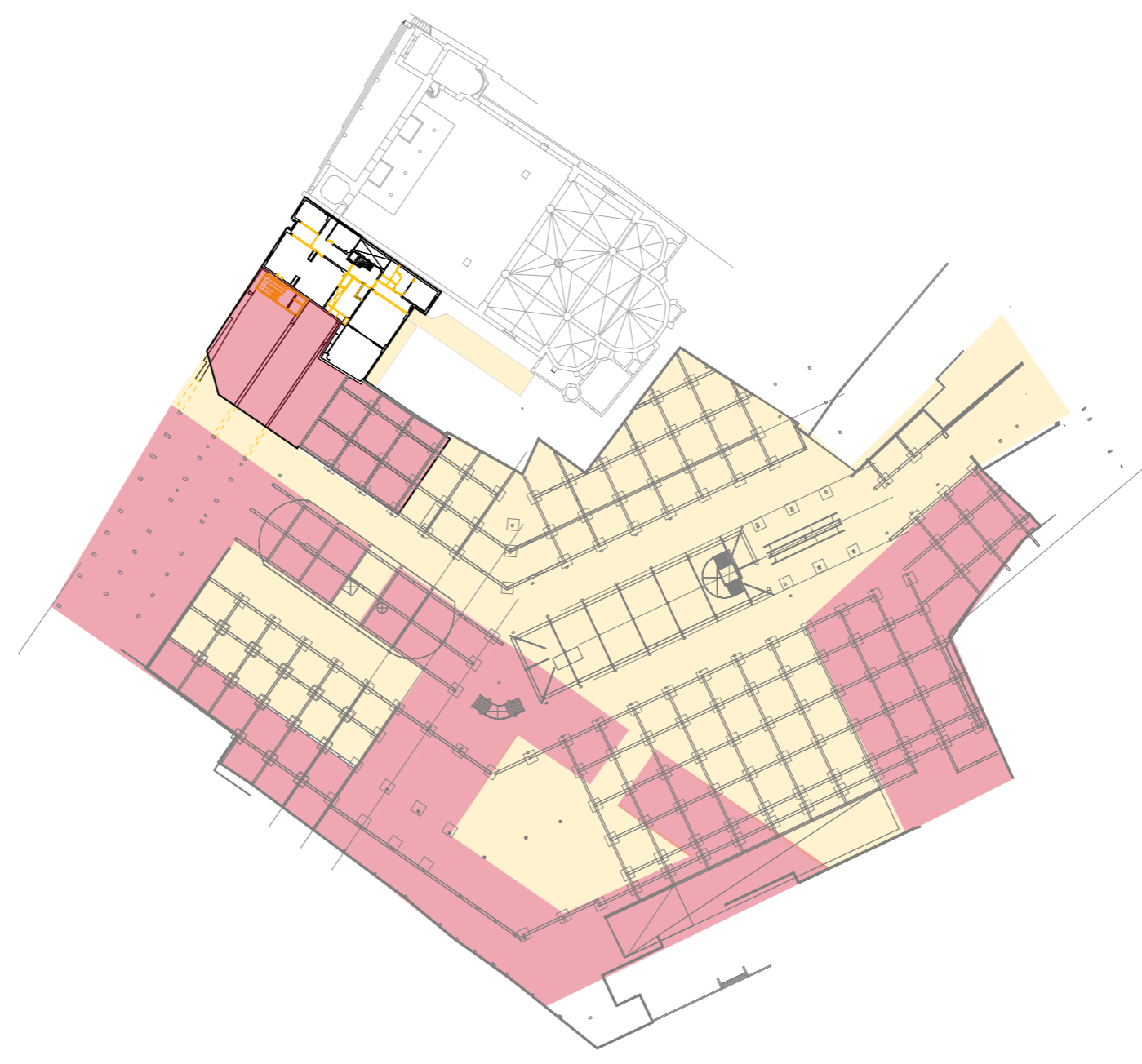
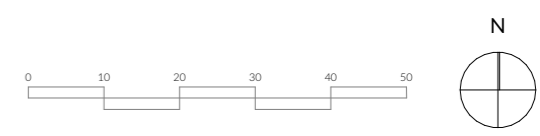


Key elements urban plan

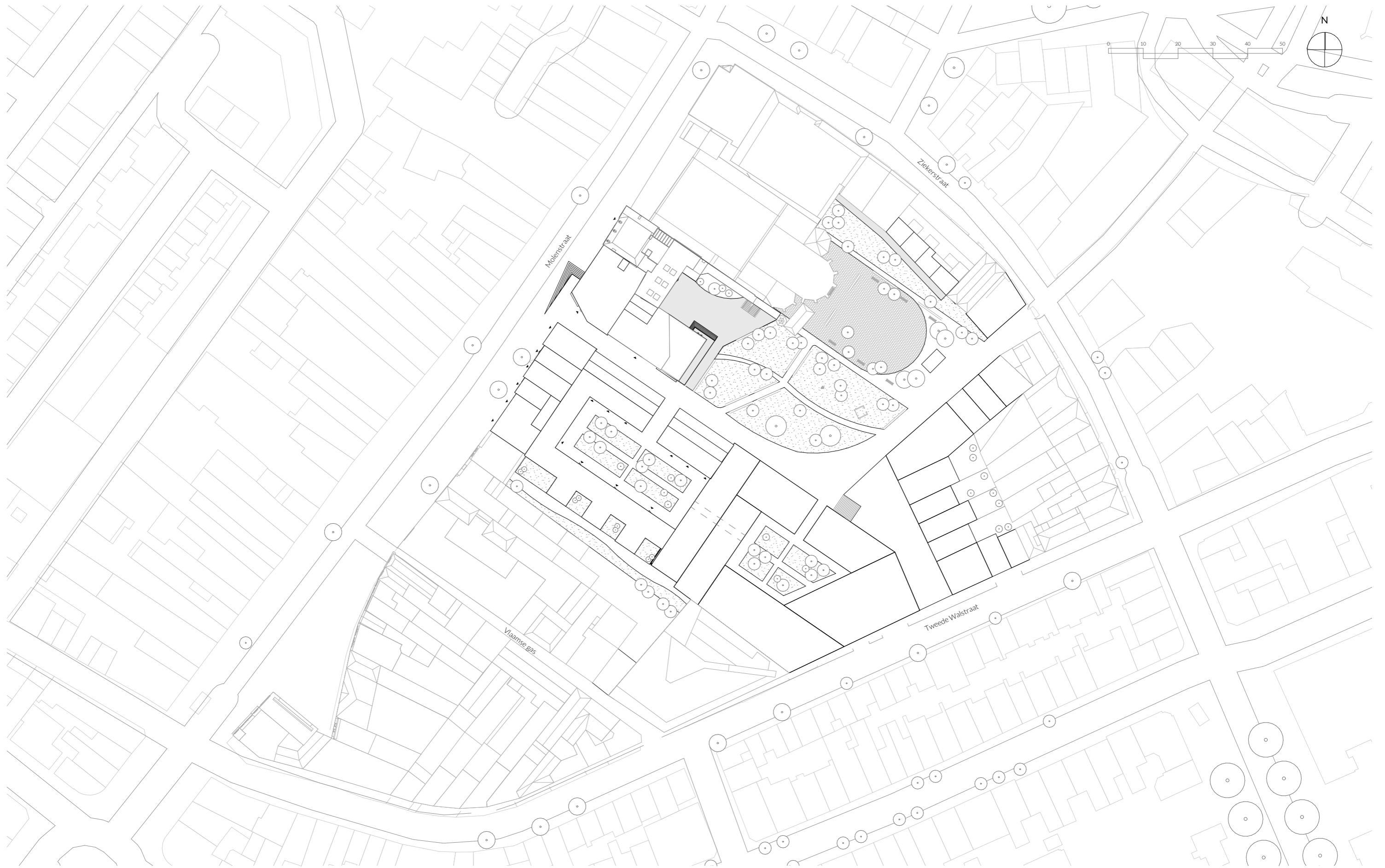


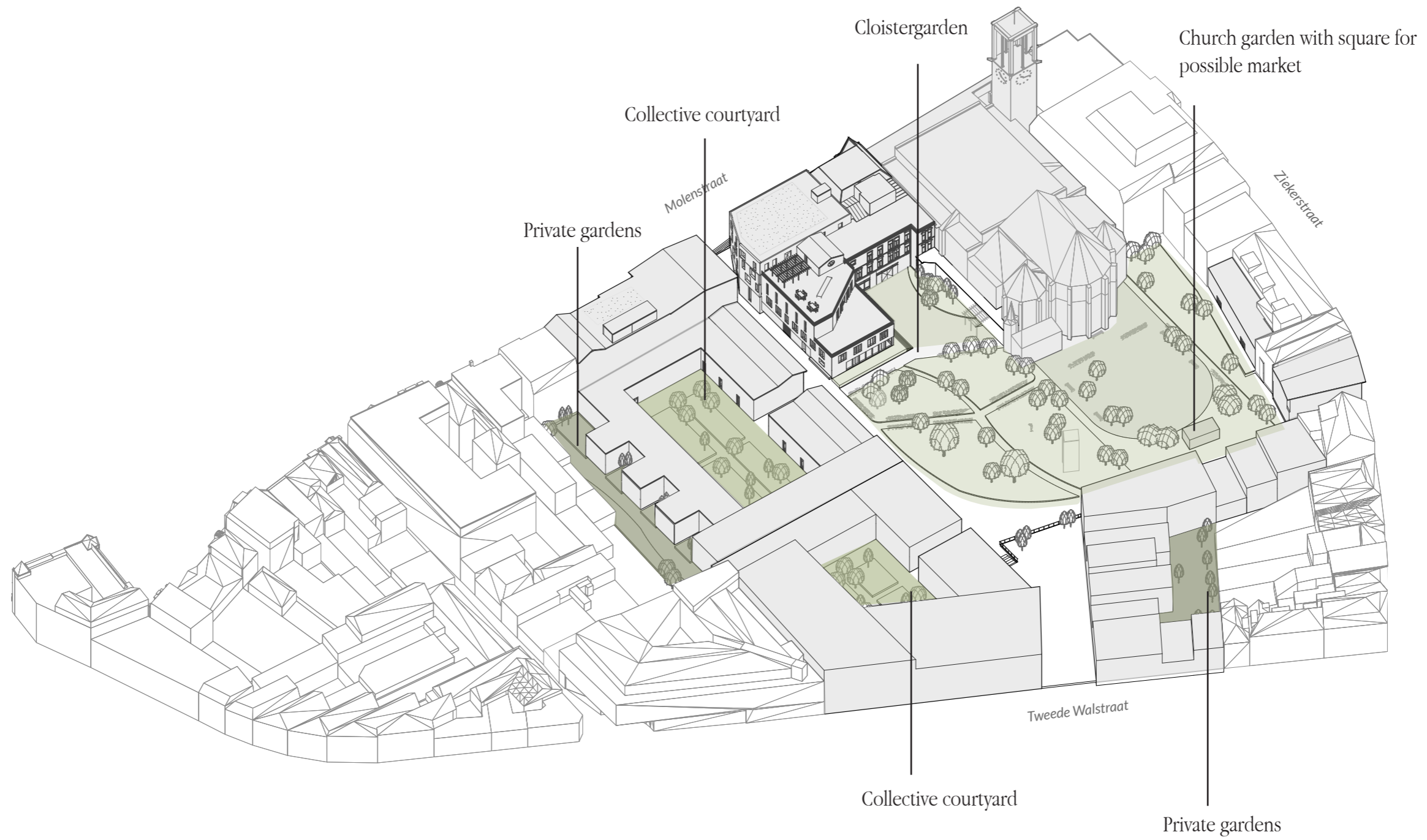












Arts & Culture

A - Art Gallery (including part parish hall and part Molenpoort)

2892 m<sup>2</sup>

B - Church as polyfunctional space

895 m<sup>2</sup>

C - Flowershop 'T Sunneke

18,2 m<sup>2</sup>

D - Housing extension

4x65,2

E - Shopping

110 m<sup>2</sup>

Molenstraat

F - New program for plinth of the Molenstraat

Ground Floor:

Vegetable store (from roofgarden)

70,0 m<sup>2</sup>

Co working spaces

103,2 m<sup>2</sup>

Café library

142,0 m<sup>2</sup>

Library (260,2 m<sup>2</sup> x 4 floors =)

1040,8 m<sup>2</sup>

Contemplation Courtyard:

G- Social Housing on First /Second/Third Floor:

Studios varying from

25 m<sup>2</sup> - 43 m<sup>2</sup>

F - Residential student housing

Houses vary from

83 m<sup>2</sup> - 162 m<sup>2</sup>

G - Permanent atelier housing

Atelier housing

6x85 m<sup>2</sup>

Reminiscence Courtyard:

I - Mental health and care on Ground Floor:

Mental health center

482 m<sup>2</sup>

Pop-up shop and café

140 m<sup>2</sup>

Daily care for elderly

384 m<sup>2</sup>

Shared spaces

133 m<sup>2</sup>

J - Various housing on First/Second/Third Floor:

Social housing:

1500 m<sup>2</sup>

Family housing:

1425 m<sup>2</sup>

Elderly housing:

1851 m<sup>2</sup>

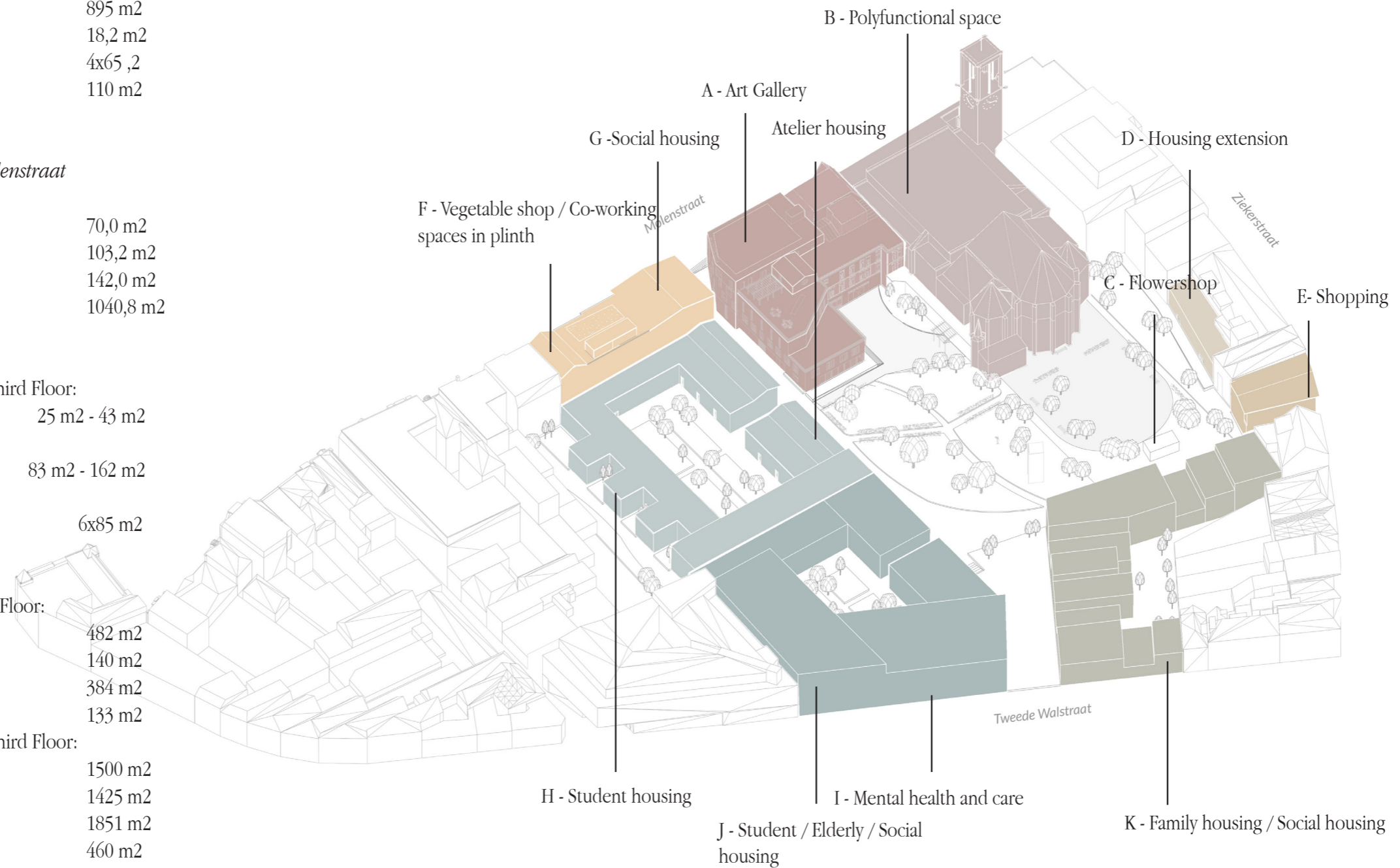
Student housing

460 m<sup>2</sup>

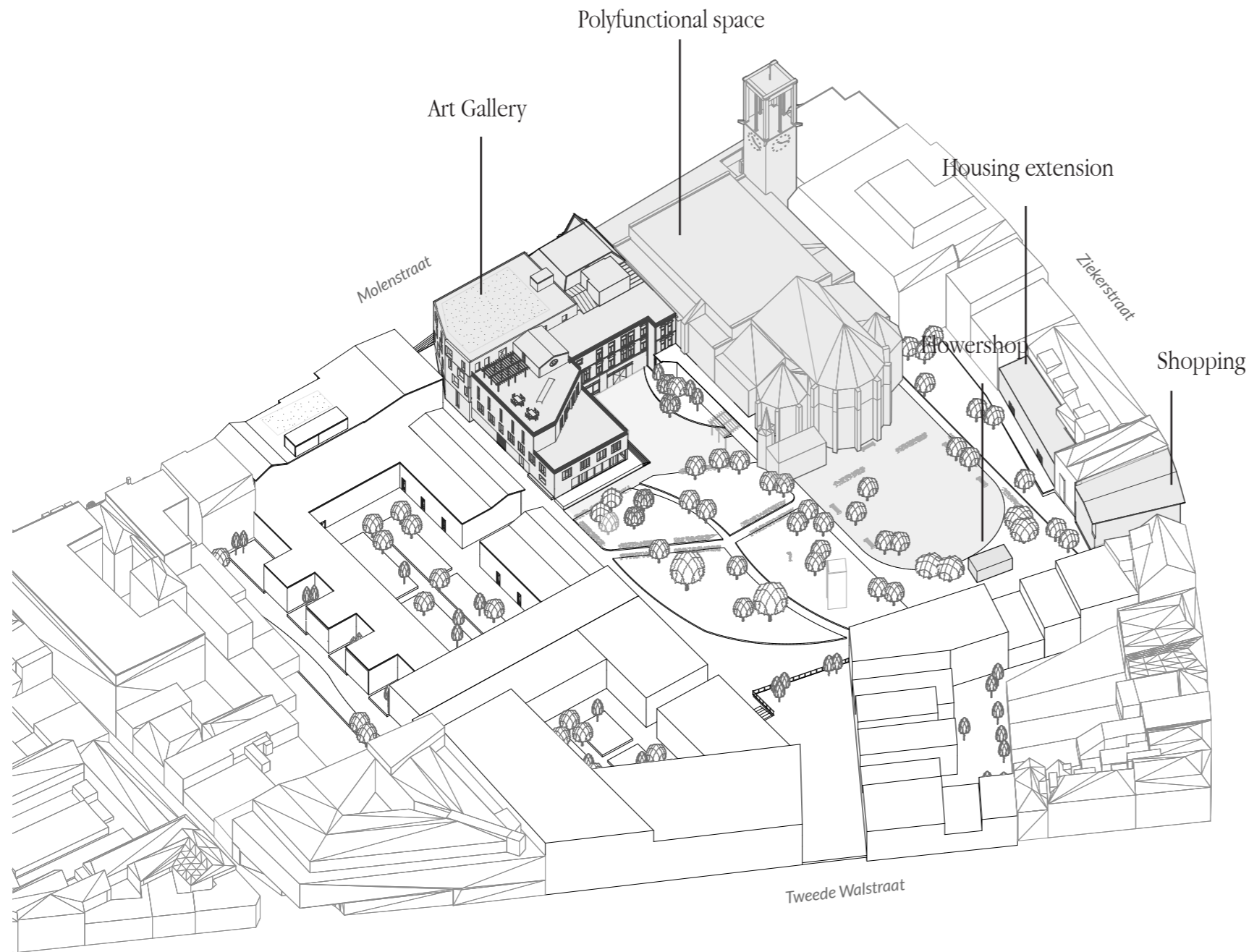
K - Family housing, Social housing

12 family houses varying from

110 m<sup>2</sup> - 160 m<sup>2</sup>







Arts & Culture - Overview m2

A - Art Gallery  
 Re-using Parish hall  
 Re-using Molenpoort  
 Garden  
 Total: 2892 m2

B - Church as polyfunctional space  
*Adaptive re-use of space*  
 Total: 895 m2

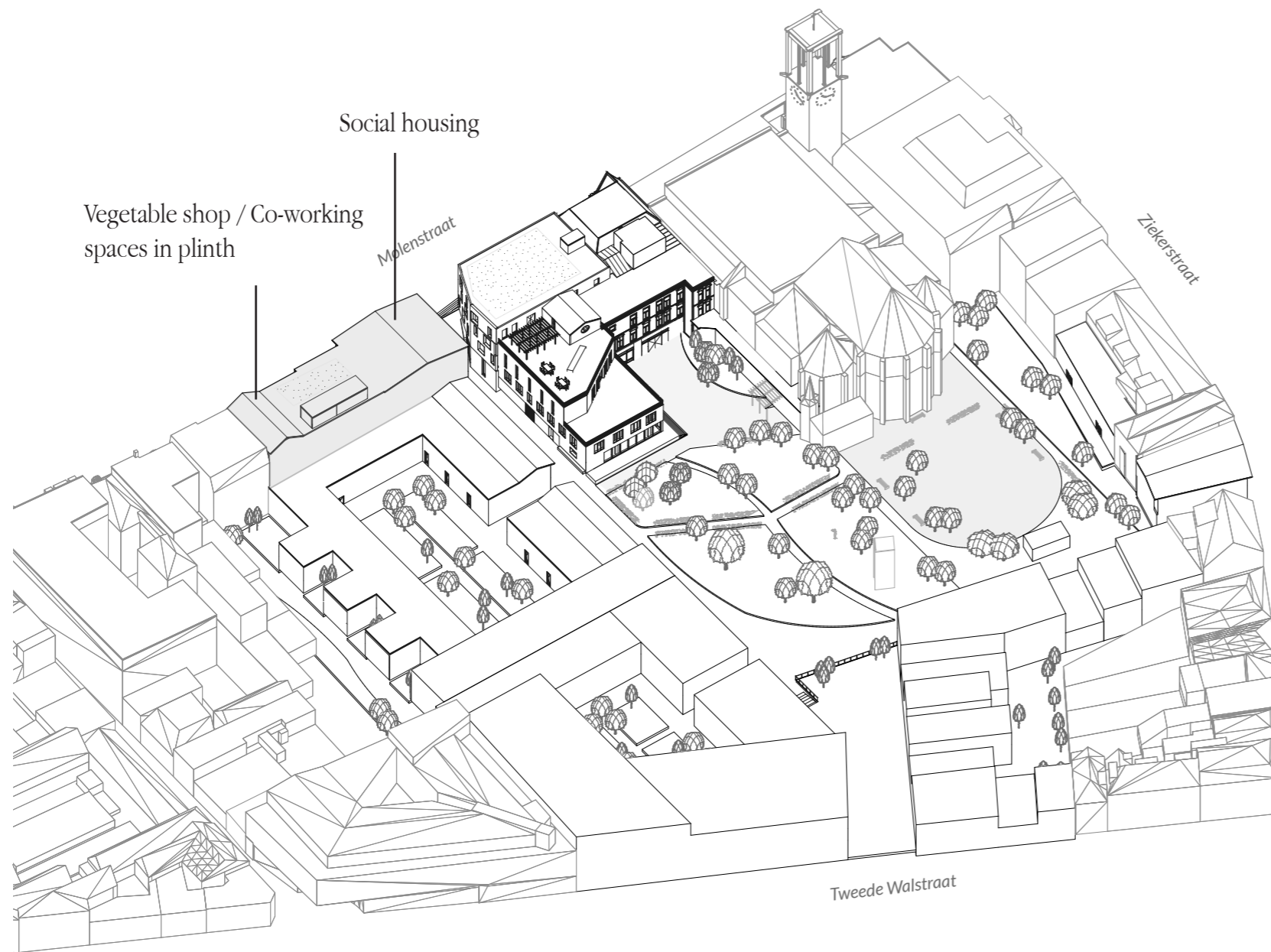
C - Flowershop 'T Sunneke  
*Move from shopping street to Church Garden*  
 Total: 18,2 m2

D - Housing extension  
*The back of Ziekerstraat becomes a front to the Church Garden / Square*

Extension 1	28,4 m2 x 2 = 56,8 m2
Extension 2	32,2 m2 x 2 = 64,4 m2
Extension 3	32,8 m2 x 2 = 65,6 m2
Extension 4	29,8 m2 x 2 = 59,6 m2

E - Shopping  
*Creating a small scaled street compared to the Ziekerstraat and Molenstraat*  
 Total: 110 m2





**Molenstraat - Overview m2**

*New program for plinth of the Molenstraat*

Ground Floor:

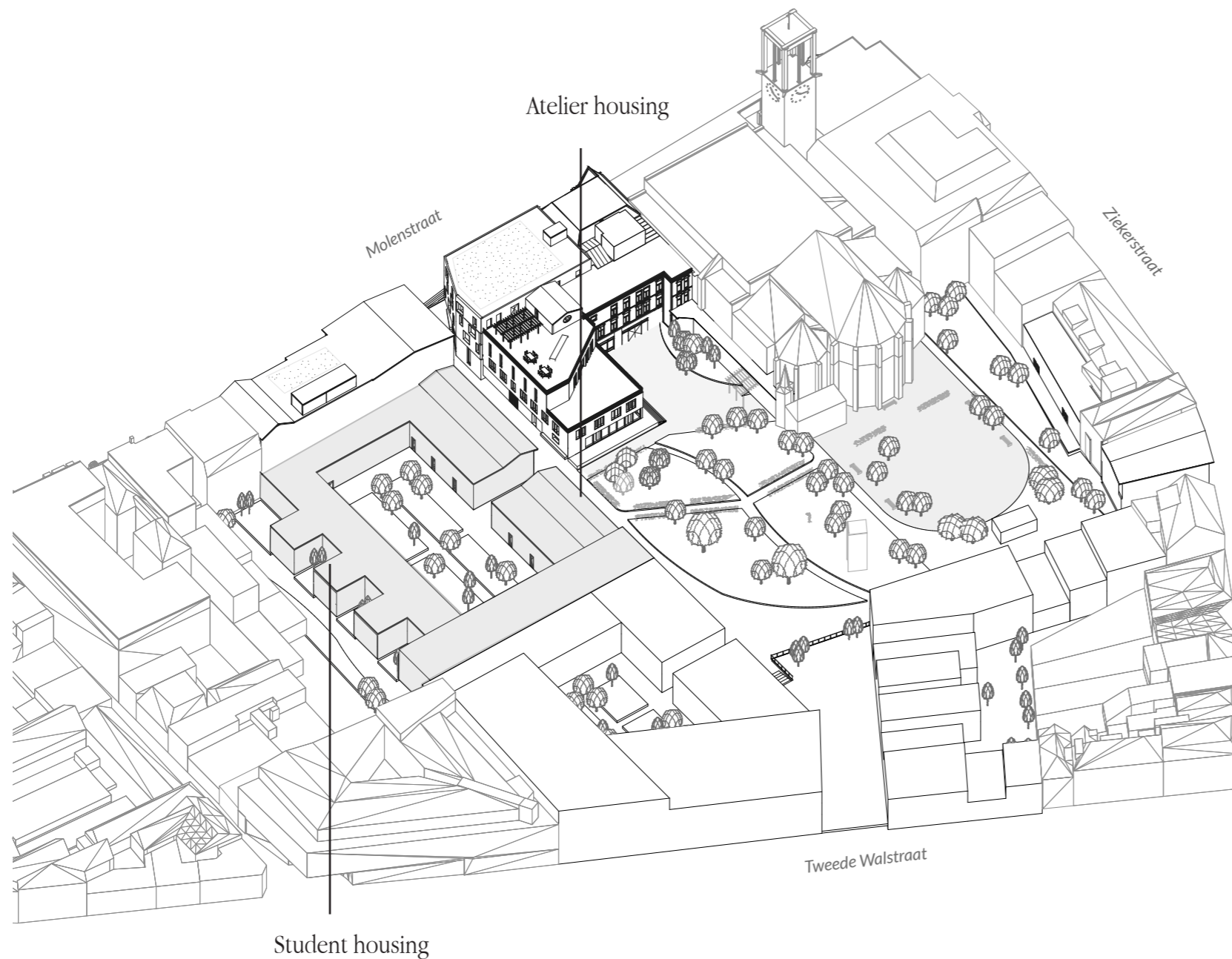
Vegetable store (from roofgarden)	70,0 m2
Co working spaces	103,2 m2
Café library	142,0 m2

Library (260,2 m2 x 4 floors =) 1040,8 m2

First /Second/Third Floor:

*Entrance changed from Molenstraat to courtyard*

Studios varying from 25 m2 - 43 m2

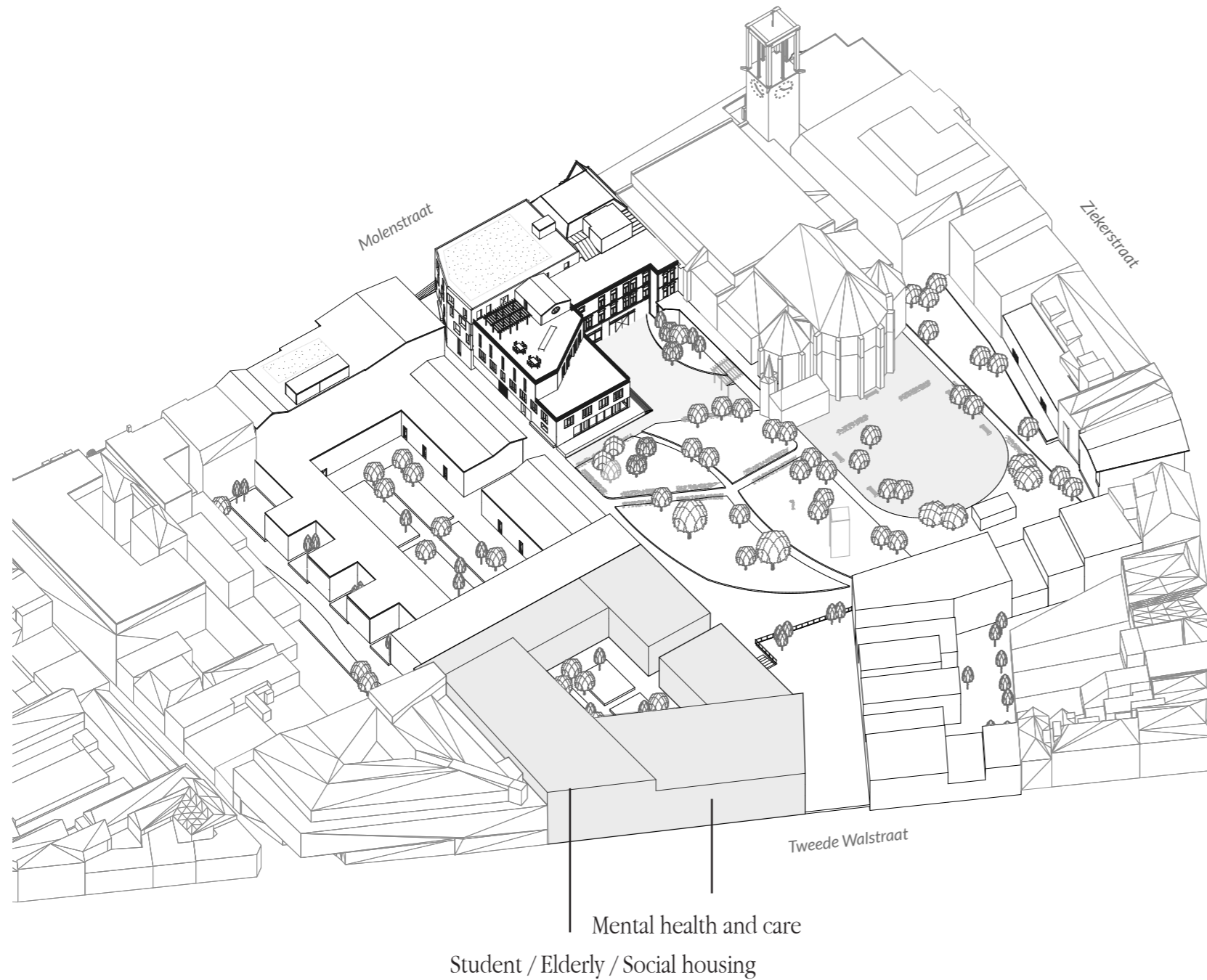


**Residential - Overview m2**

F - Permanent atelier housing  
*Next to the Art Gallery, atelier studios are part of the urban plan for artists who want to stay longer than a year*

Atelier 1	81,2 m2
Atelier 2	81,2 m2
Atelier 3	94,0 m2
Atelier 4	94,0 m2
Atelier 5	81,2 m2
Atelier 6	81,2 m2

F - Residential student housing  
*Three- and four- room houses, flexible to be transformed to family housing in the future*  
 Houses vary from 83 m2 - 162 m2



**Residential - Overview m2**

Ground Floor:

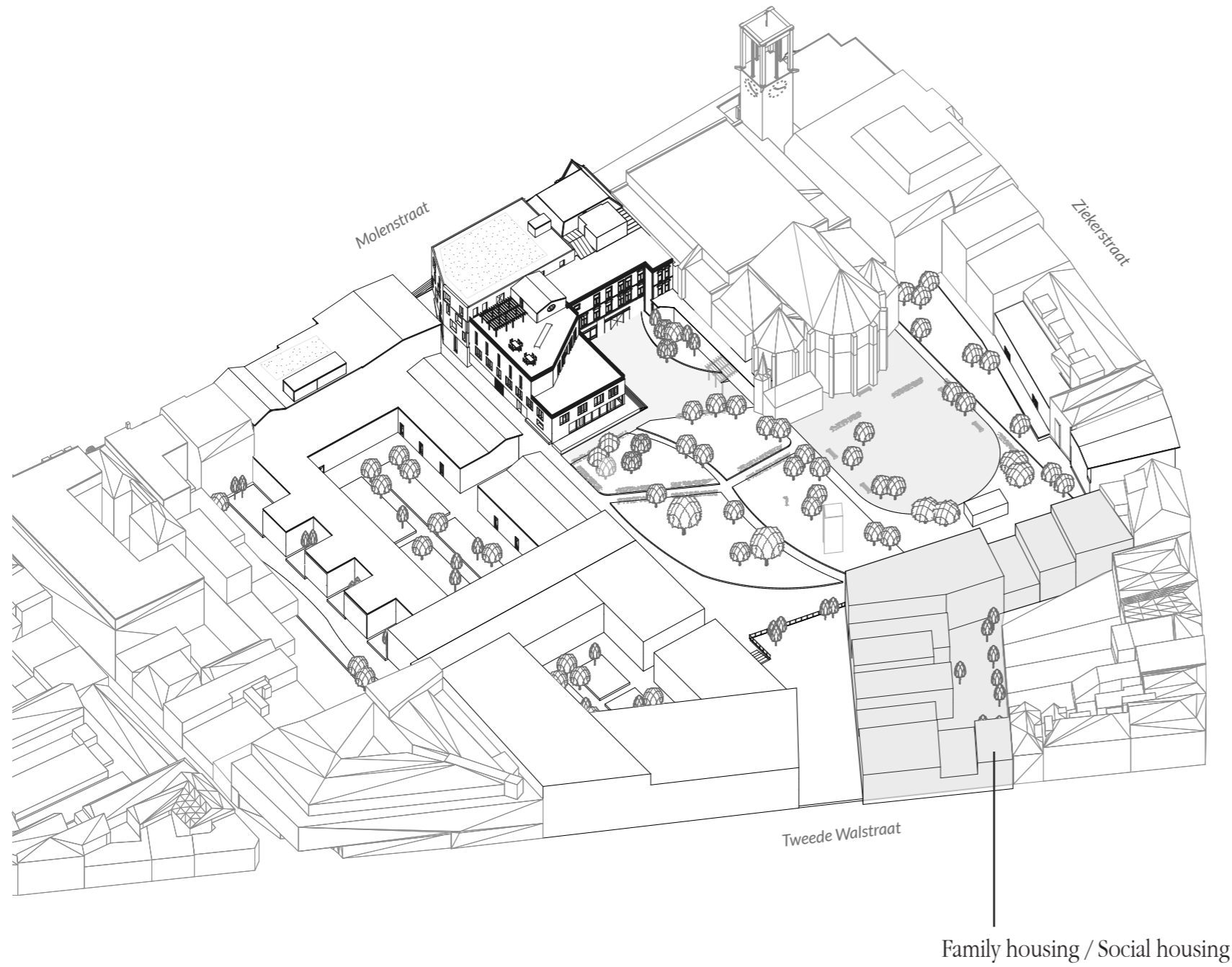
*Focus on health and variety of age groups*

Mental health center	482 m2
Pop-up shop and café	140 m2
Daily care for elderly	384 m2
Shared spaces	133 m2

First/Second/Third Floor:

*Gathering of multiple age groups*

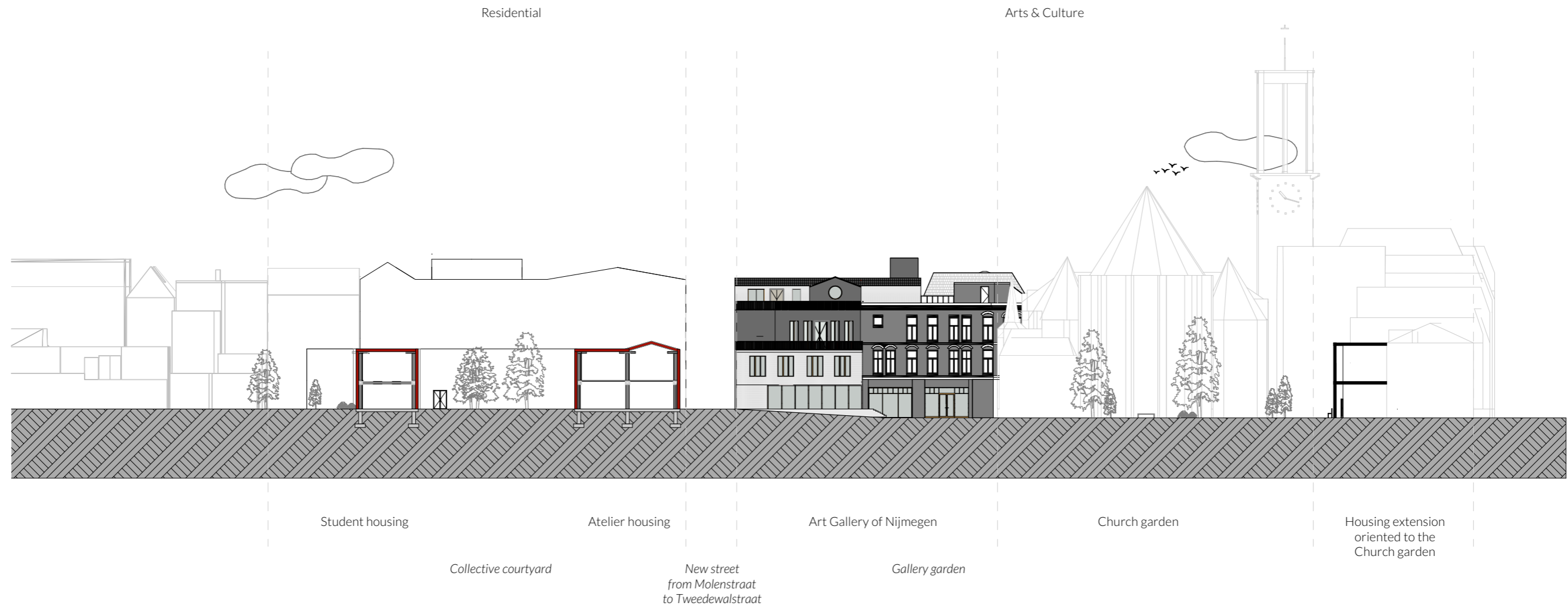
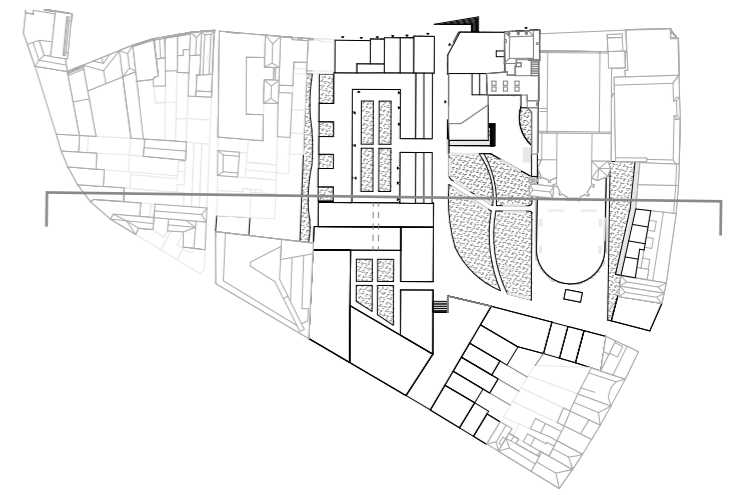
Social housing:	1500 m2
Family housing:	1425 m2
Elderly housing:	1851 m2
Student housing	460 m2



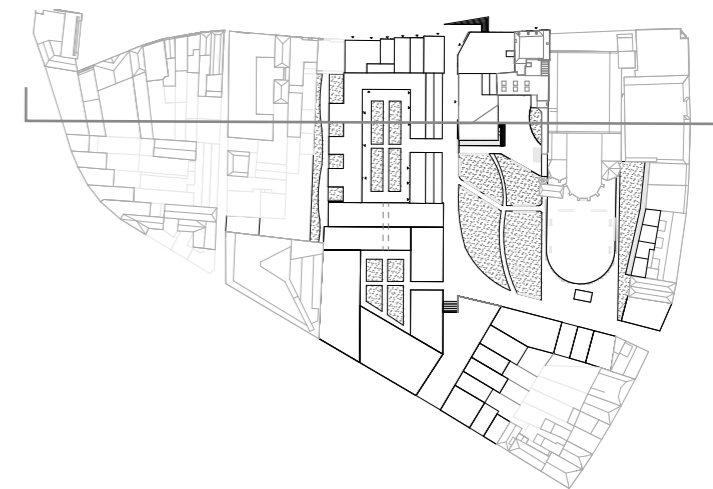
**Residential - Overview m2**

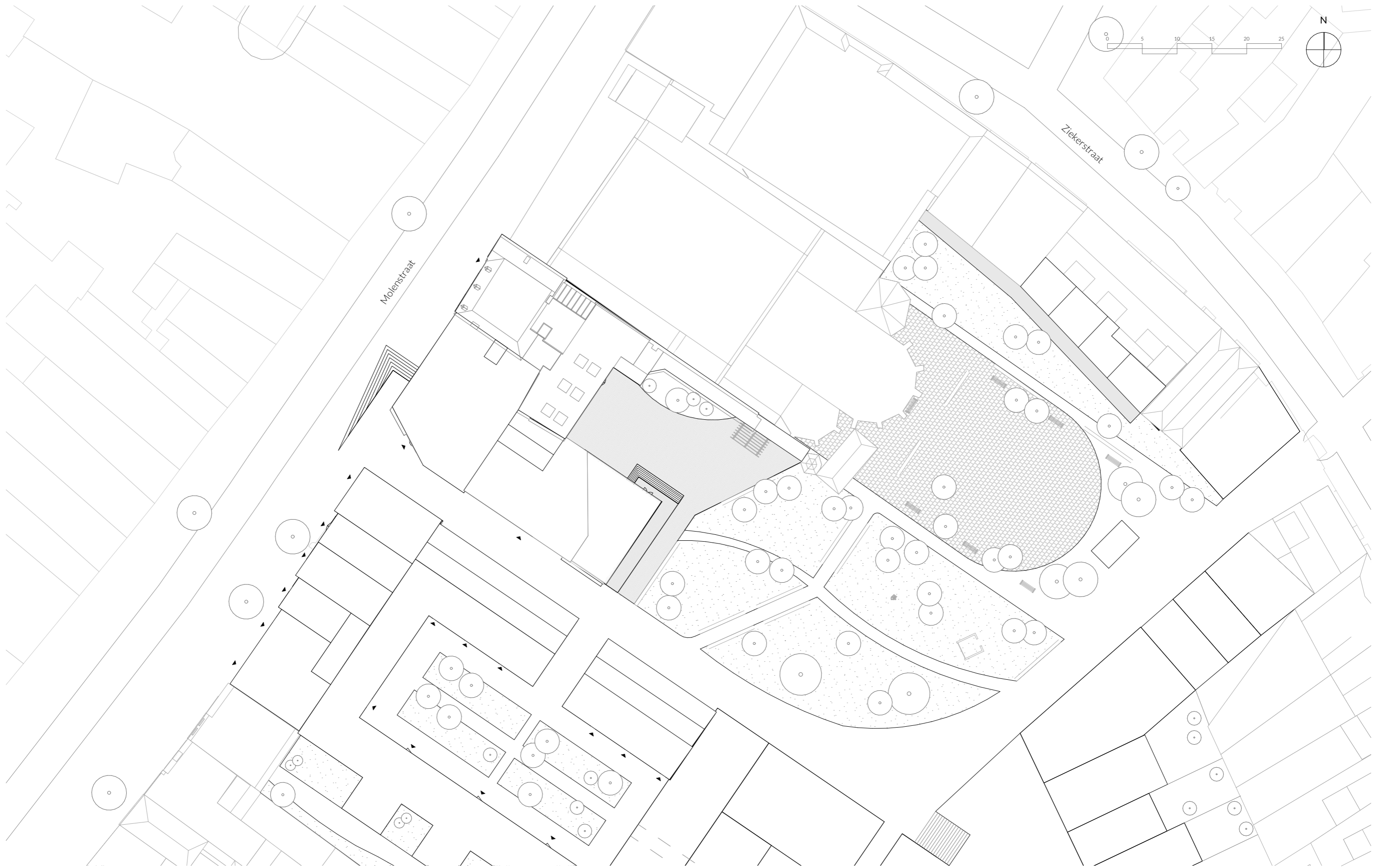
E - Family housing, Social housing  
*Closing the building block, creating private gardens*  
12 family houses varying from 110 m2 - 160 m2











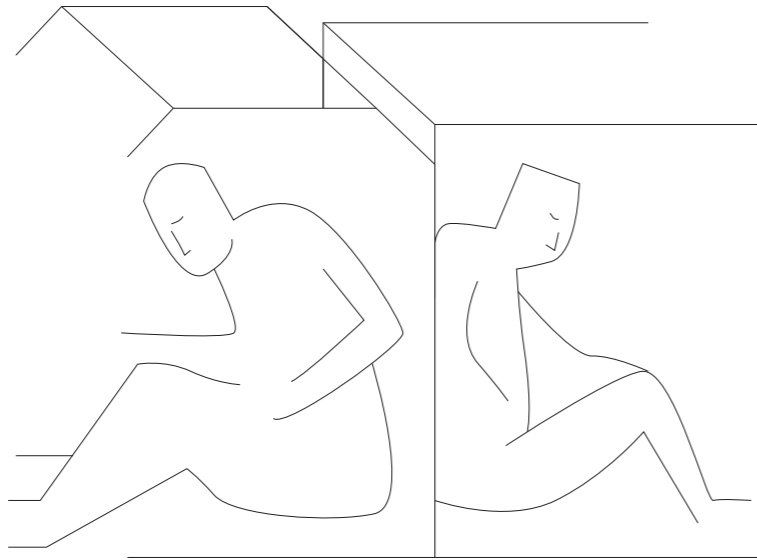






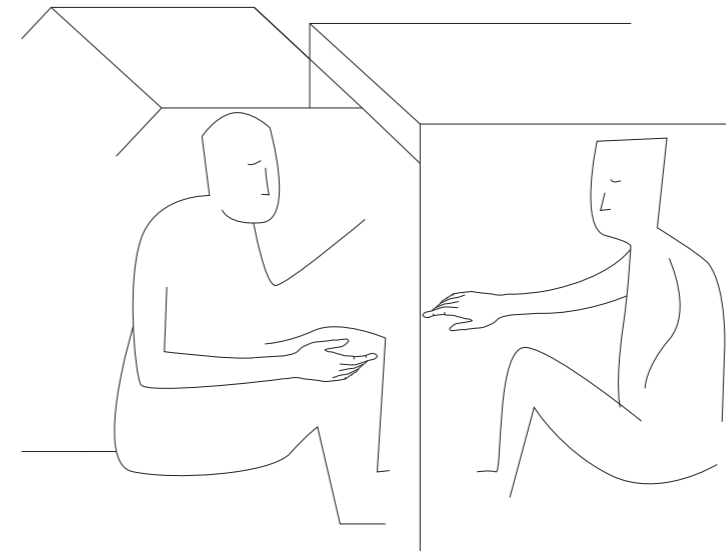
## Problem statement

Intermediate spaces  
become problem areas due to a  
lack of dialogue  
between the buildings on site



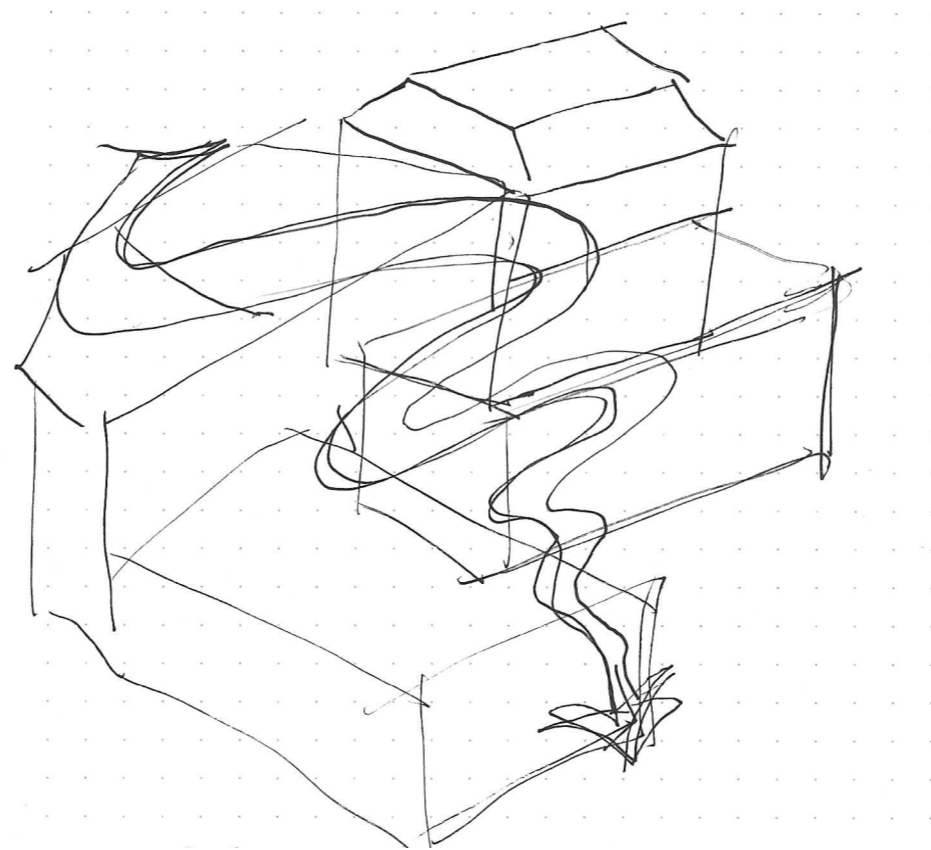
## Research question

How can the buildings  
collaborate and relate to its  
urban environment, through  
change of use and renovation?

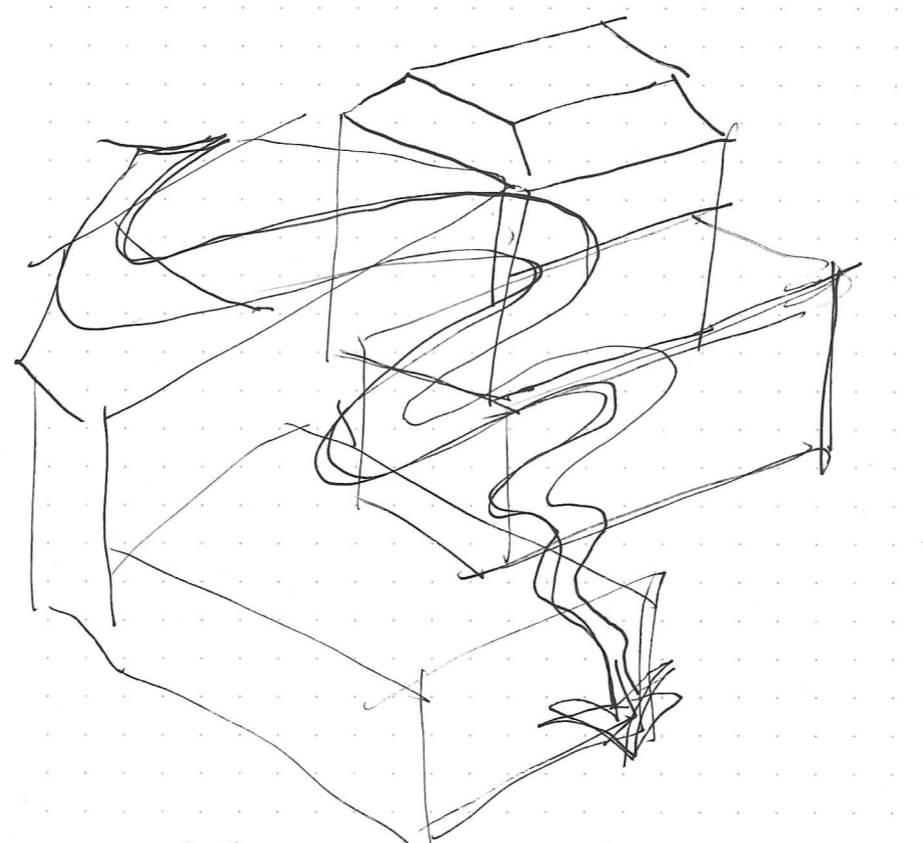


## **03/ Architectural proposal**

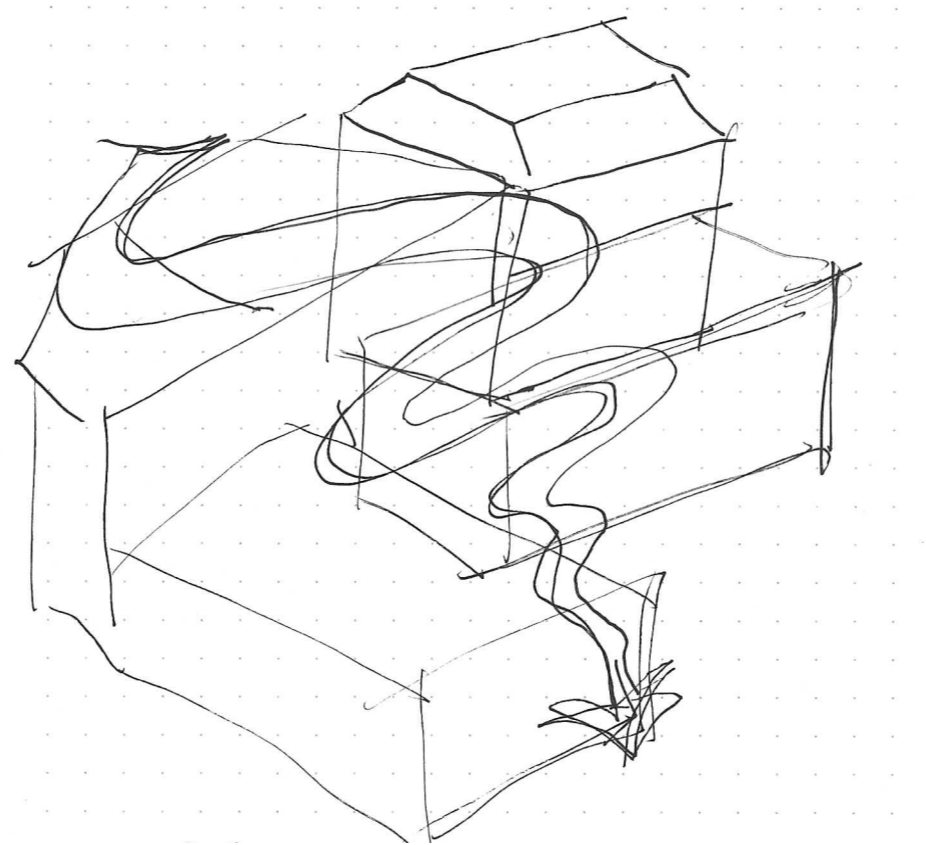




Renovating and repurpose  
parish hall

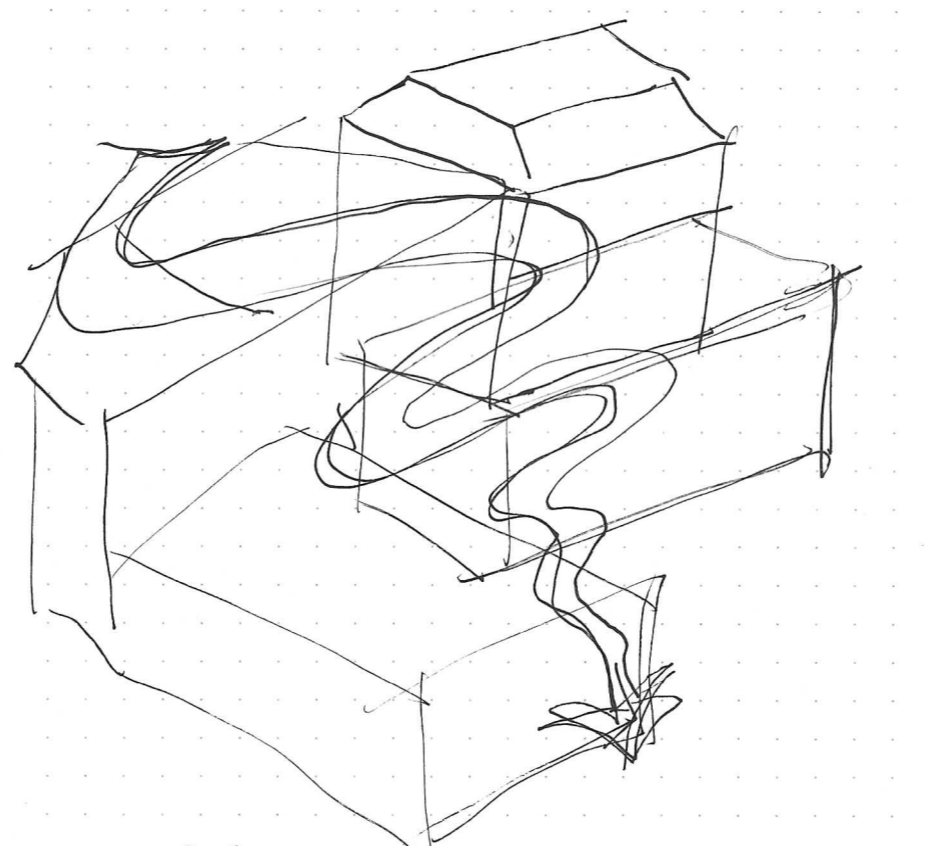


Renovating Molenpoort  
as extension



Renovating and repurpose  
parish hall

Renovating Molenpoort  
as extension



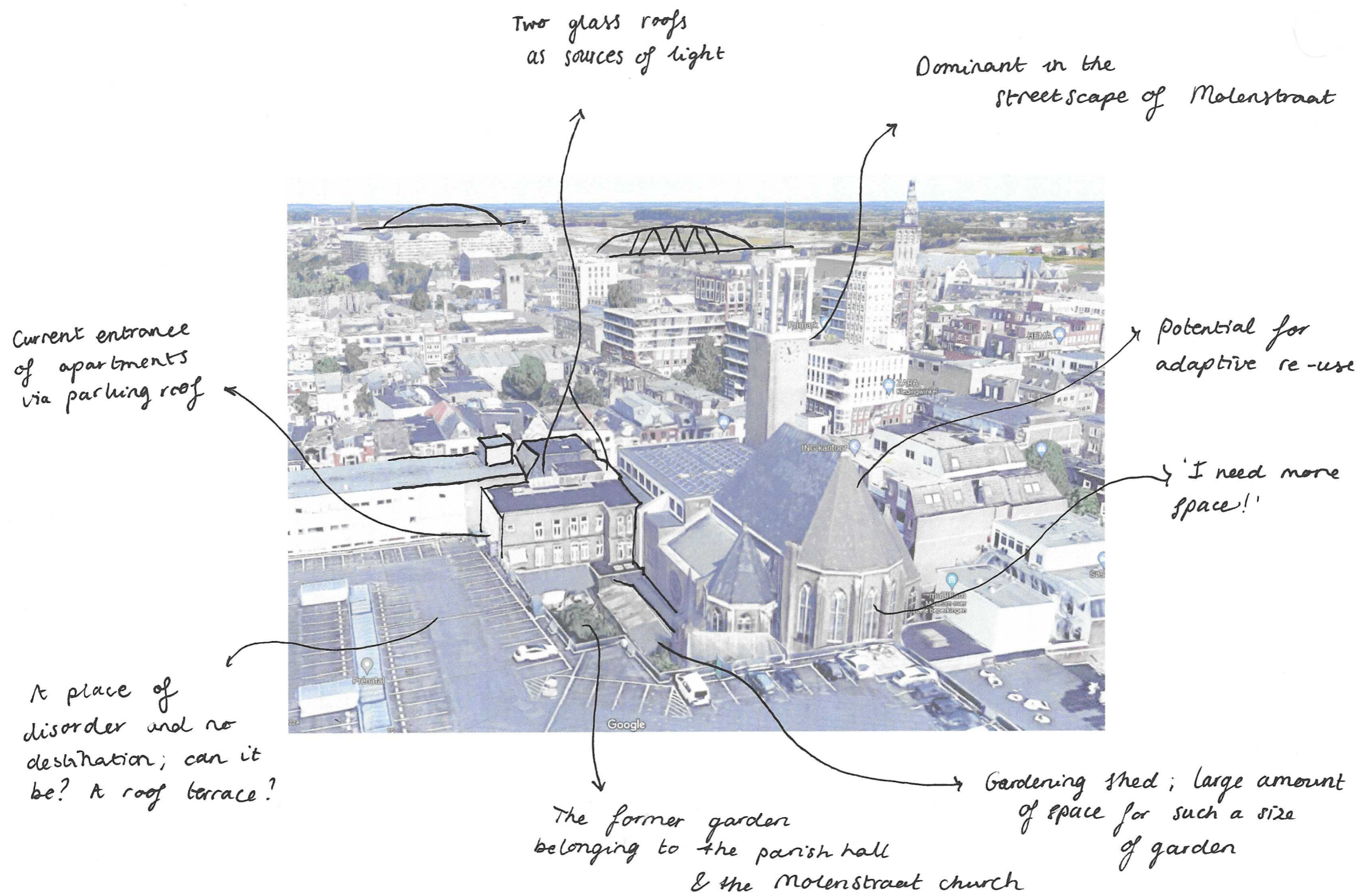
Renovating and repurpose  
parish hall

**Together:  
The Art Gallery of Nijmegen**









Two glass roofs  
as sources of light

Dominant in the  
streetscape of Molenstraat

Current entrance  
of apartments  
via parking roof

Potential for  
adaptive re-use

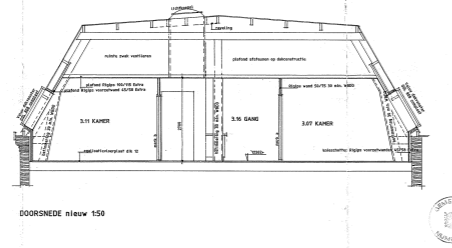
'I need more  
space!'

A place of  
disorder and no  
destination; can it  
be? A roof terrace?

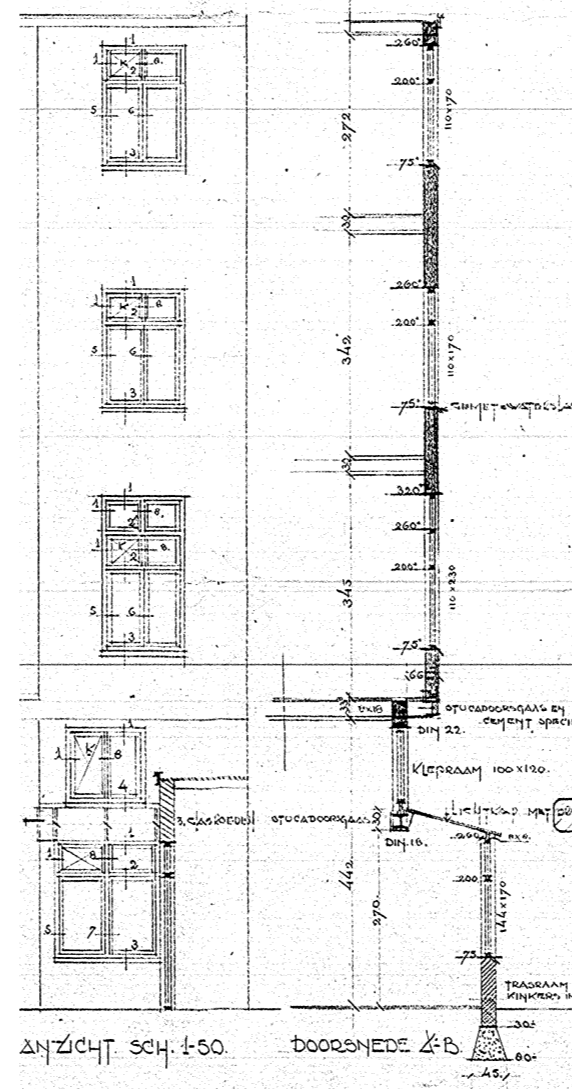
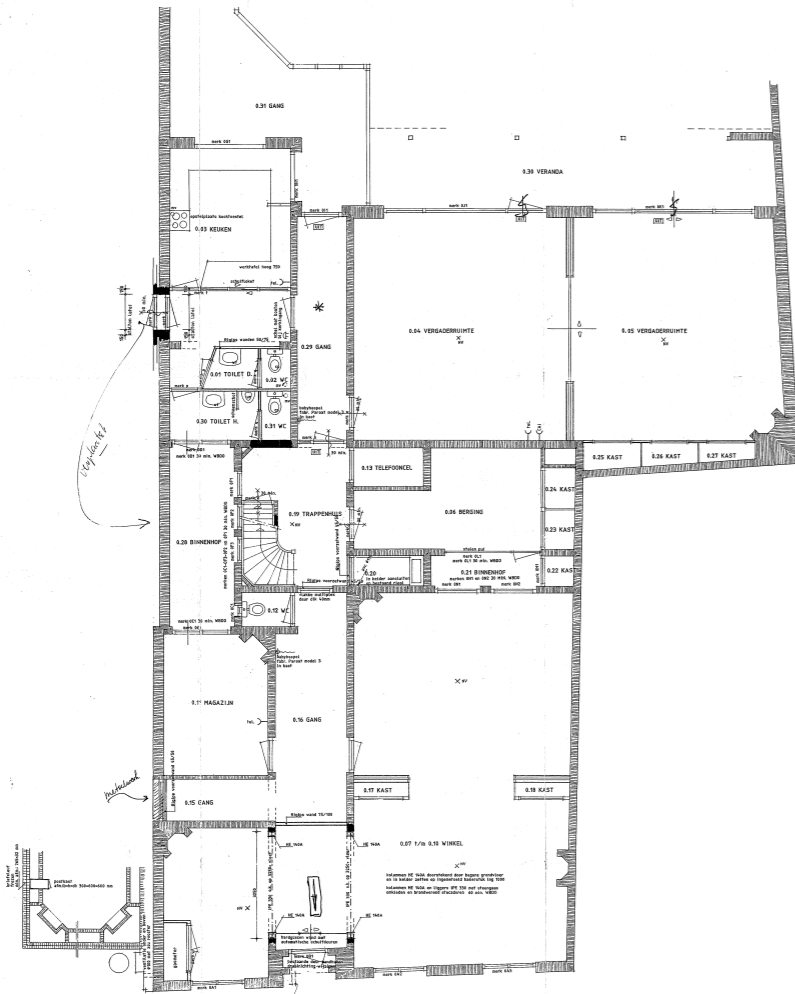
The former garden  
belonging to the parish hall  
& the Molenstraat church

Gardening shed; large amount  
of space for such a size  
of garden

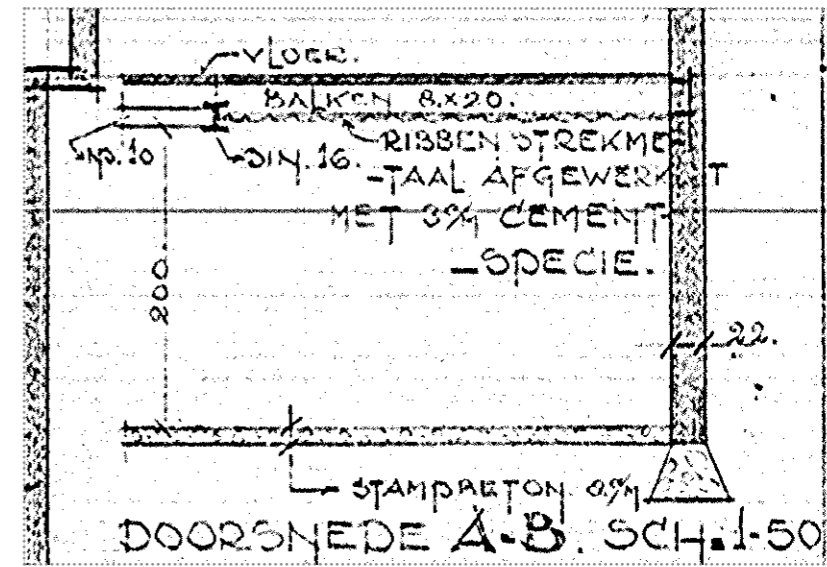
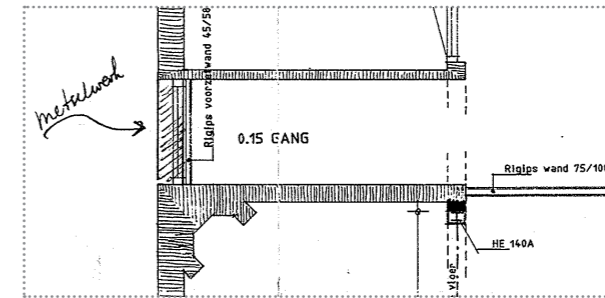
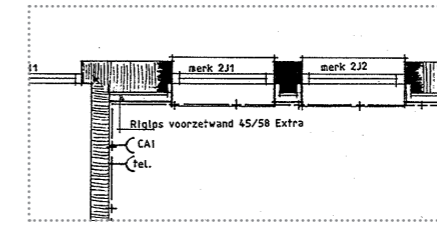




FRAGMENT ACHTERGEVEL 150 nieuw



ANZICHT SCH. 1-50 DOORSNEDE K-B



PROJECT	R.K. KERK MET PASTORIE MOLENSTRAAT TE NIJMEGEN	PROJECTNR.	592
BETREFT	NIEUWE TOESTAND BEGANE GROND EN EERSTE VERDIEPING EN SITUATIE	WERKNR.	A1028a
FORMAAT	A0	TEKENINGNR.	B-03
SCHAAL	1:50	DATUM	23-09-94
		WIJZIGINGEN	26-10-94   09-11-94   20-12-94

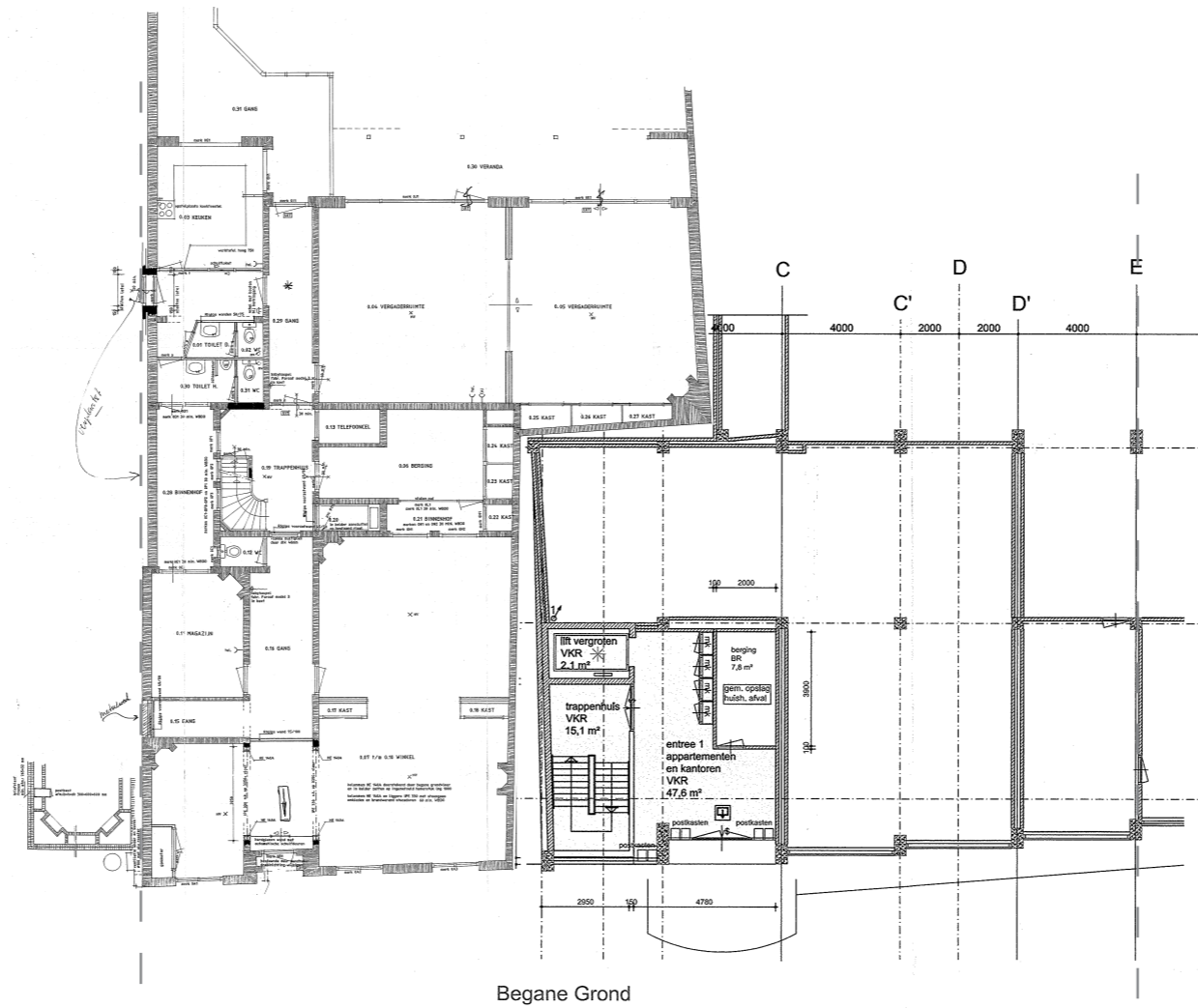
**EERSTE VERDIEPING**

merk 1A1-1A2-1A3-1A4-1A5-1A6-A7-1E1  
1N1-1N2-1N3-1E2-1E1-1E2-1E3-1K1-1K2-1K3 en 1L2 voorzien van voorzetramen  
fabrikaat Compri 8311 met wervel en scharnieren

merk 1A1-1A2-1A3-1A4-1A5-1A6-1A7  
1N1-1N2-1N3-1E2-1E1-1E2-1E3-1K1-1K2-1K3-1M1 en 1L2 tocht dicht  
maken met tochtprofielen Compri CA 429AR

voor 1.16-1.19-1.29 en 1.35 ontruimingsinstallatie cfr. NEN 2535

brandlanghaspel



Begane Grond



Research





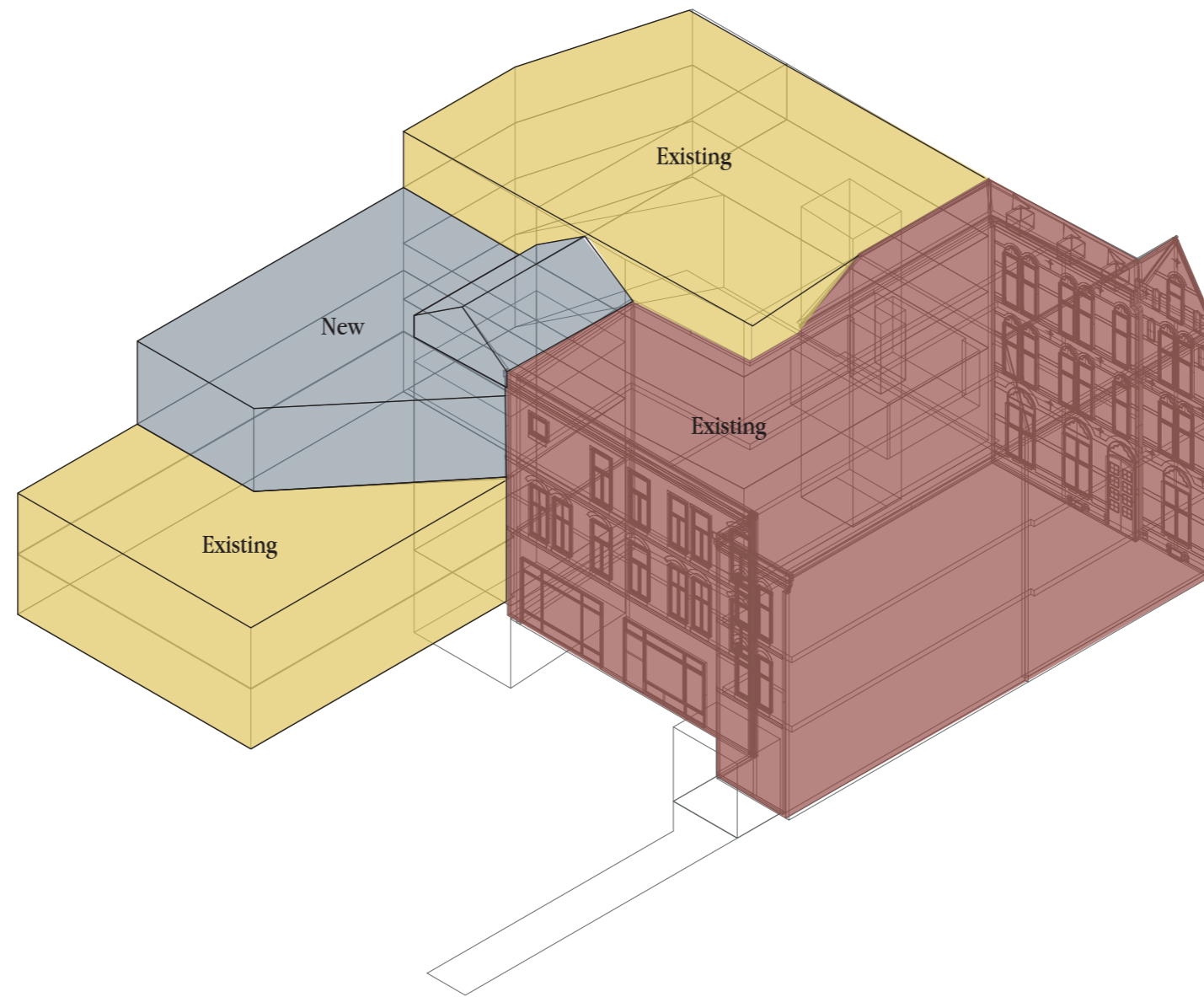
3. Architectural proposal



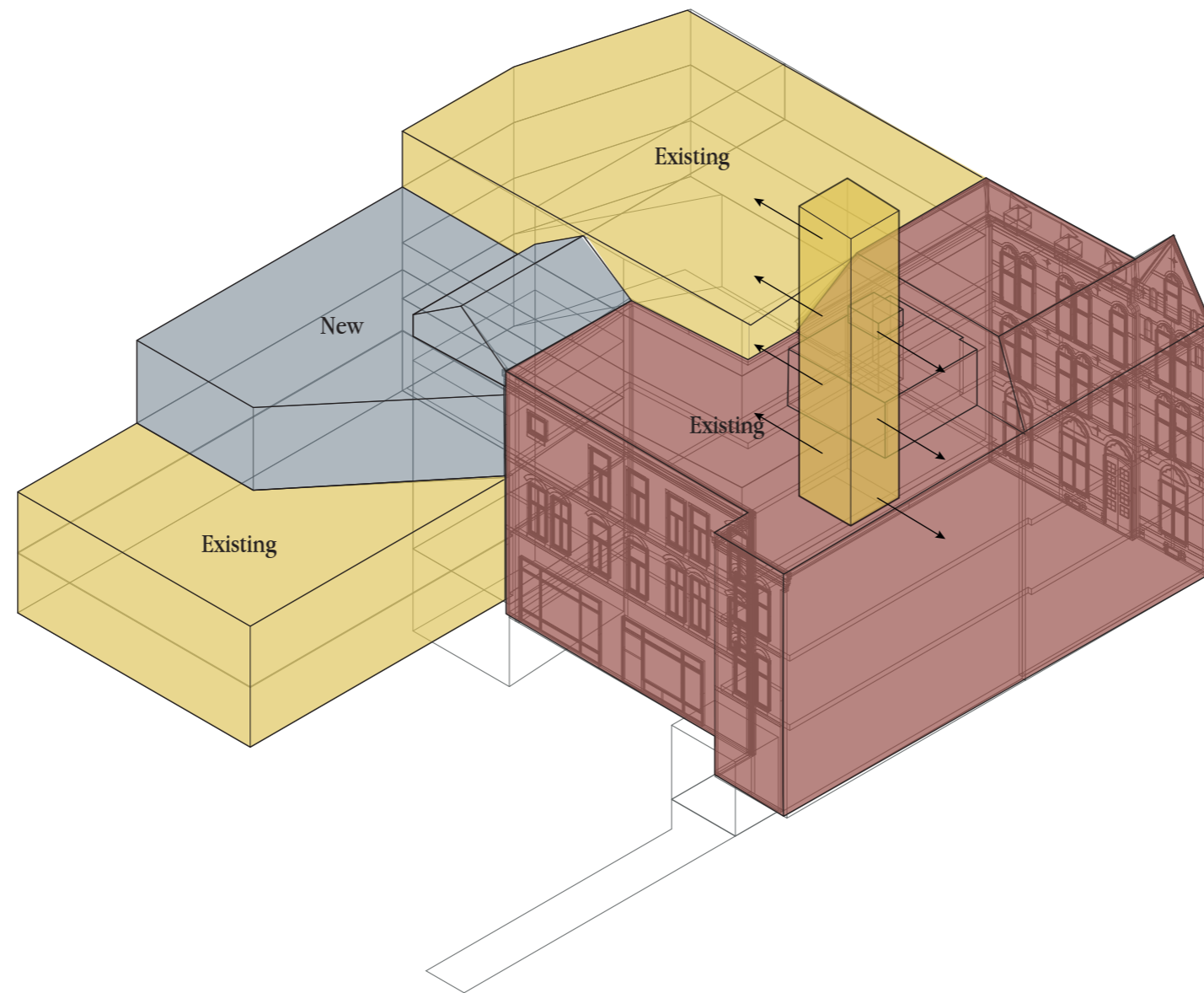
Molenpoort



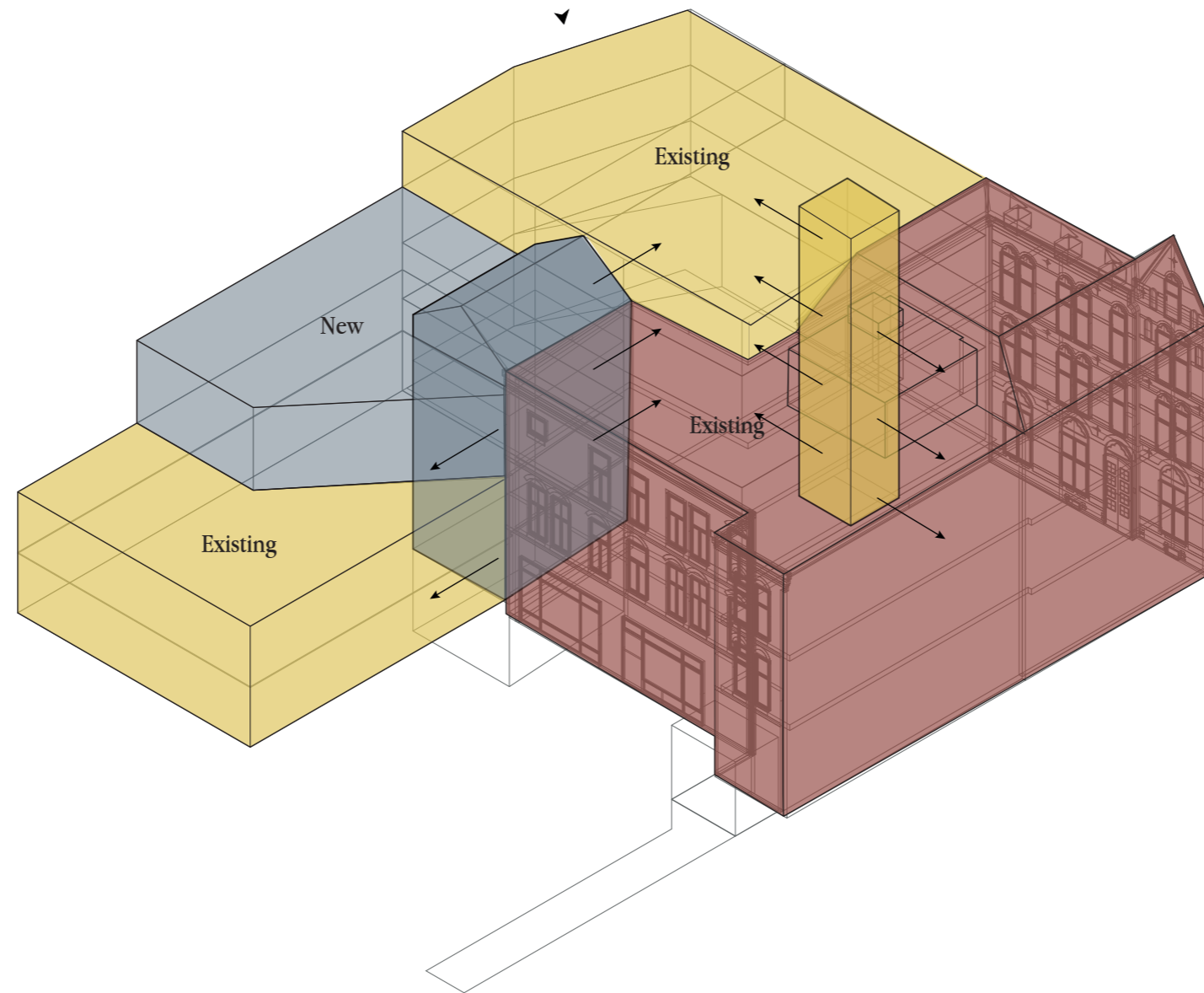


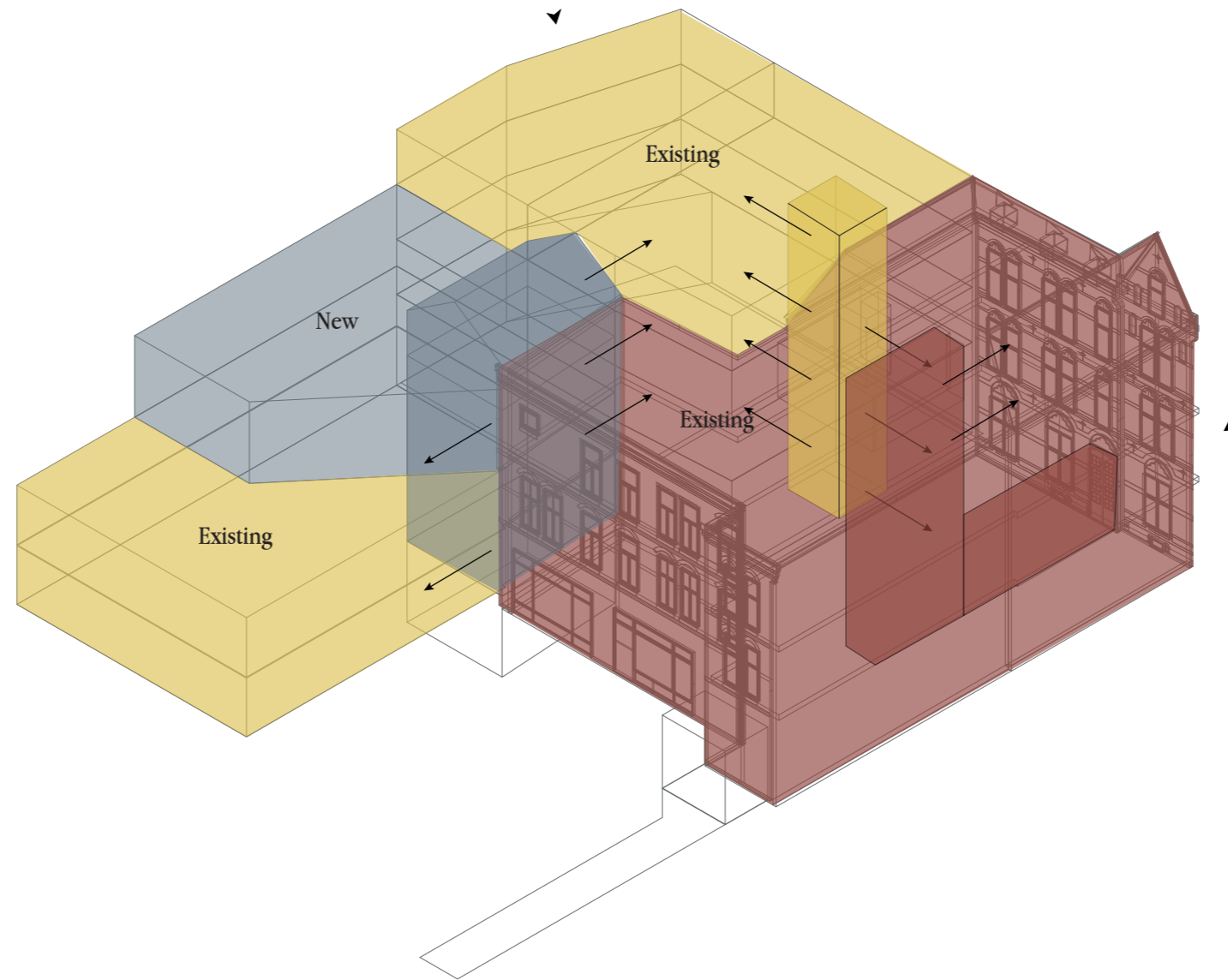


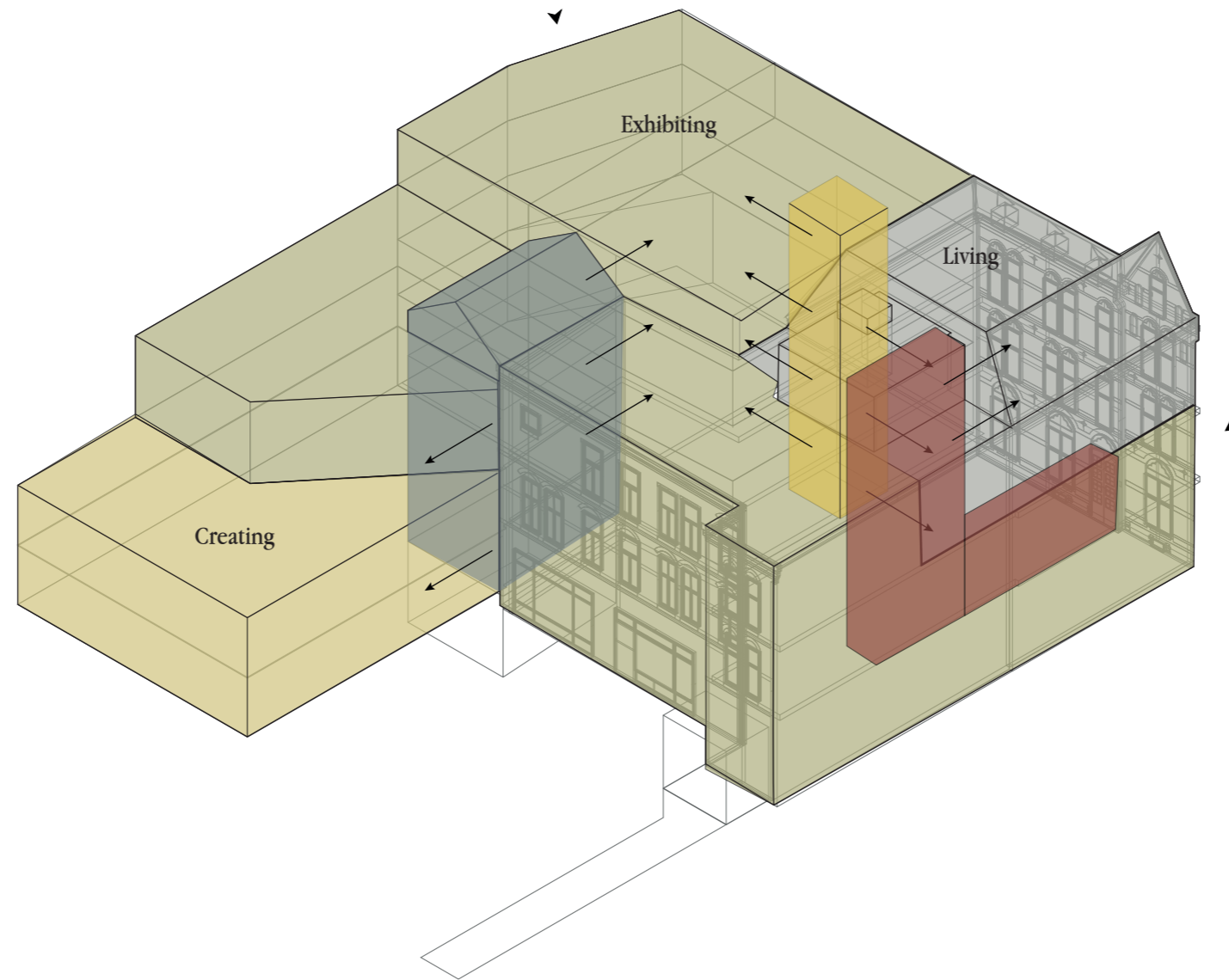


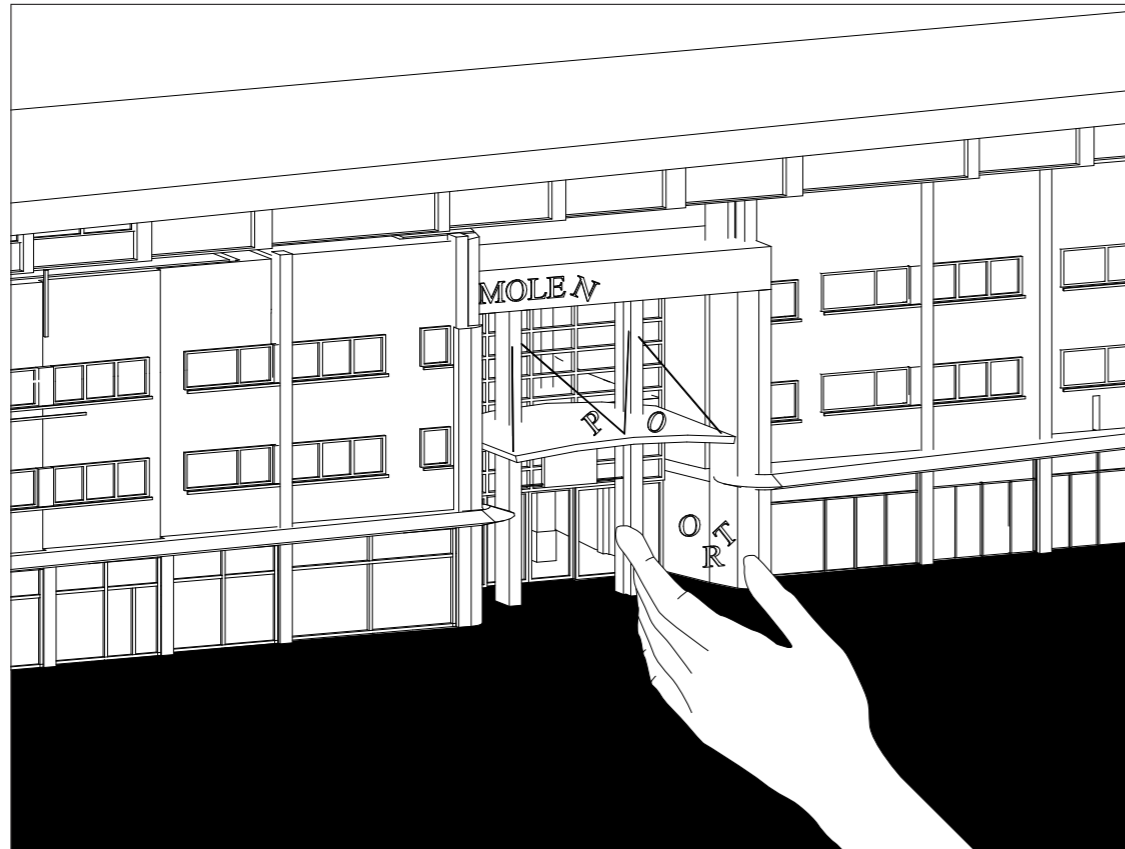










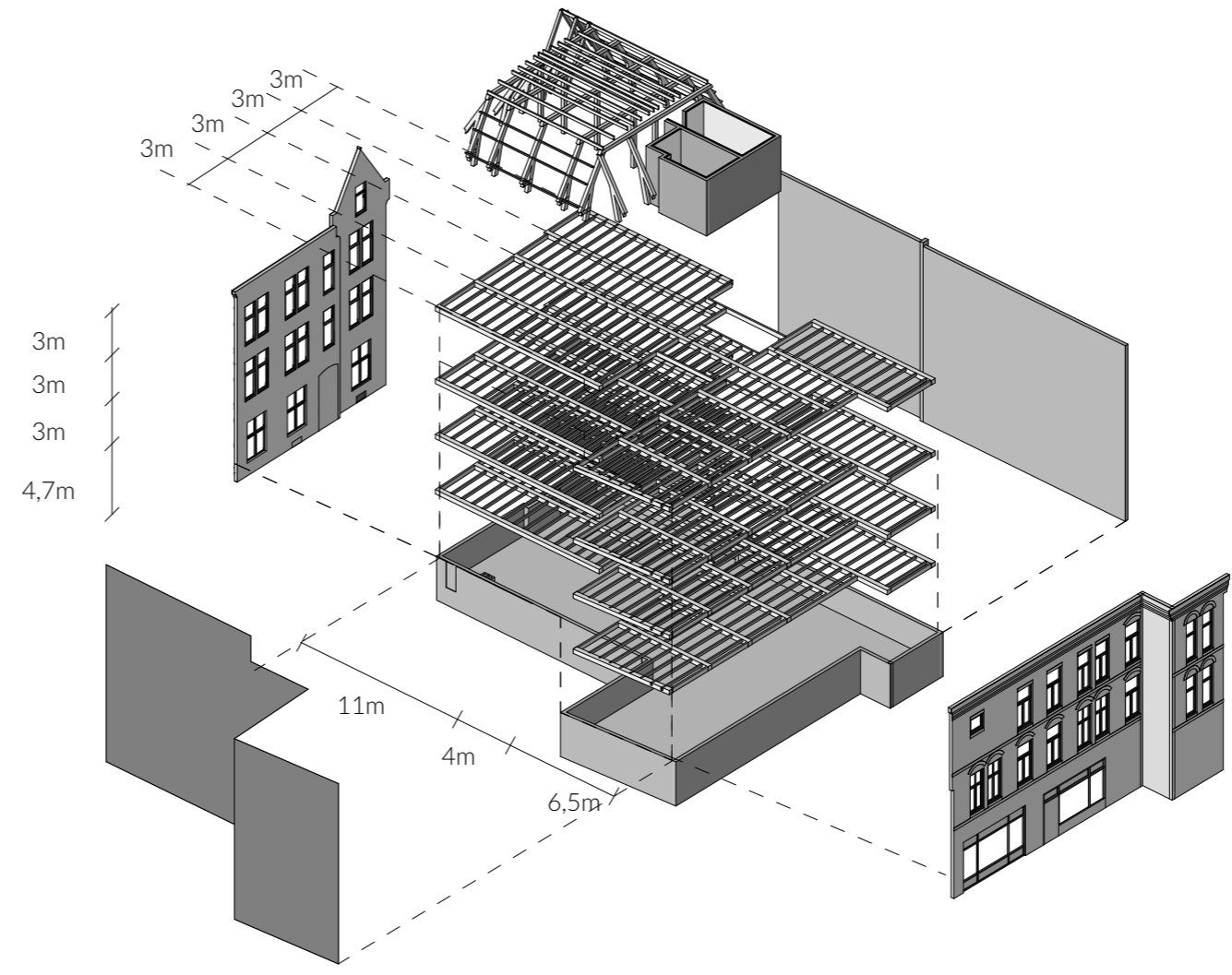


3. Architectural proposal

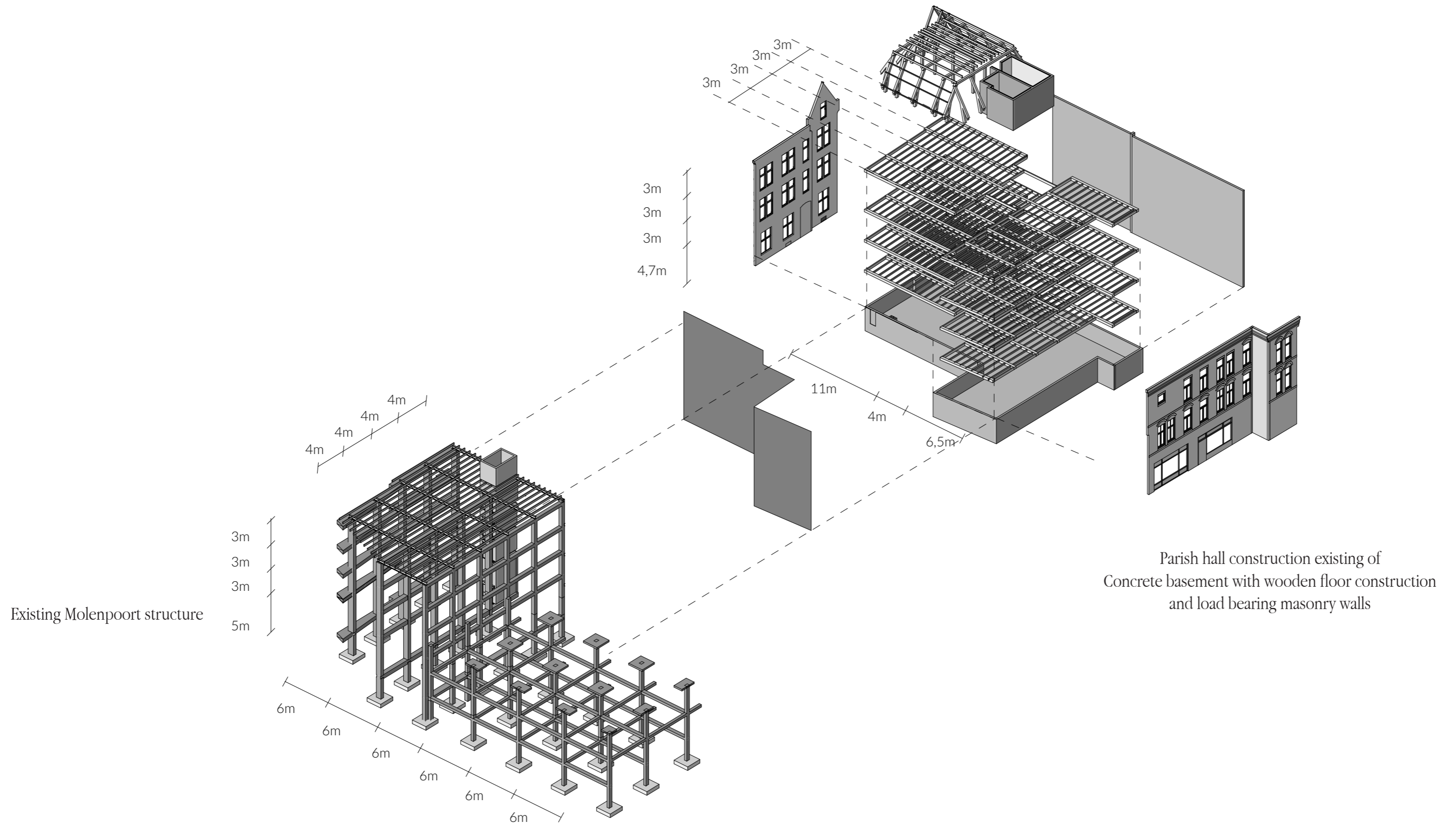


Re-use of existing structure





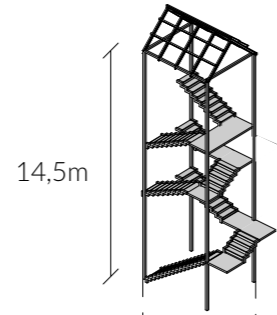
Parish hall construction existing of  
Concrete basement with wooden floor construction  
and load bearing masonry walls



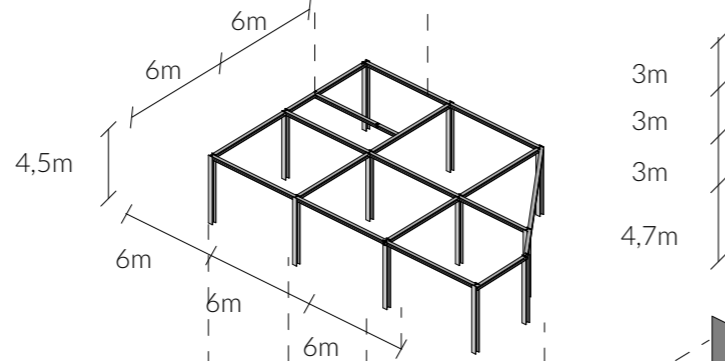
Existing Molenpoort structure

Parish hall construction existing of  
Concrete basement with wooden floor construction  
and load bearing masonry walls

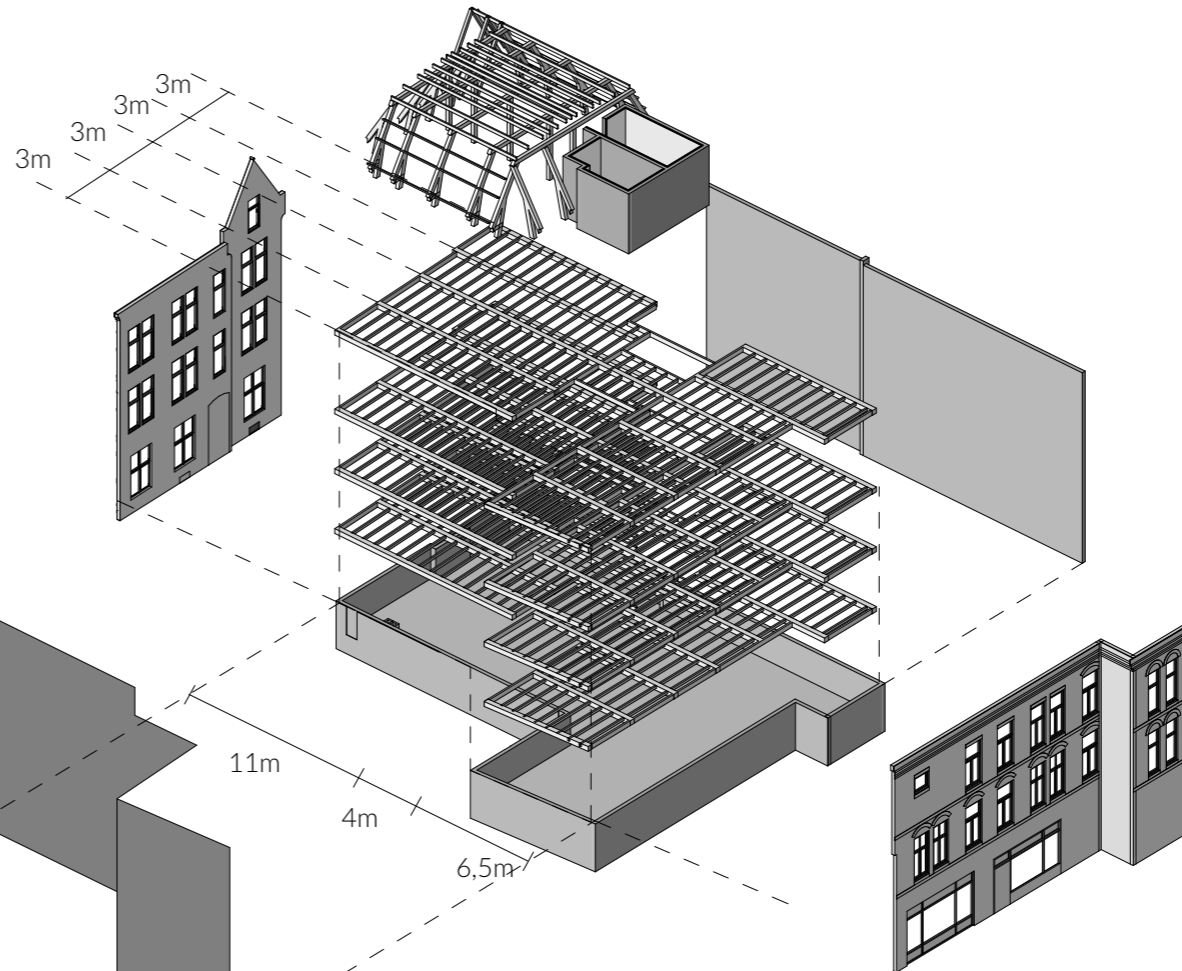
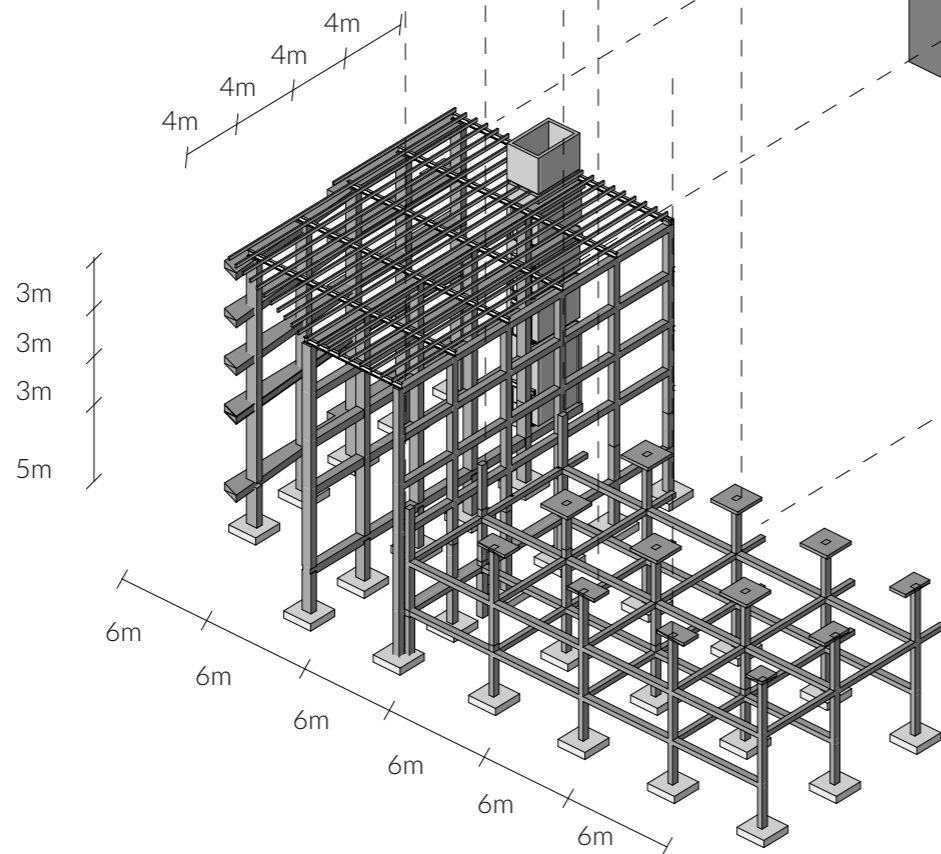
Addition of staircase in steel construction



Addition of lightweight steel structure assembled to existing concrete structure of Molenpoort



Existing Molenpoort structure



Parish hall construction existing of Concrete basement with wooden floor construction and load bearing masonry walls

**Ground floor**

Reception/Lobby	220 m2
Preview exhibition room	60 m2
Exhibition room first floor	280 m2
Workshop area	220 m2
Toilets	15 m2
Bookshop/exit	100 m2
Bookshop storage	12 m2

**First floor**

Exhibition room XS	21 m2
Exhibition room S	38 m2
Exhibition room S	46 m2
Exhibition room M	70 m2
Exhibition room M	98 m2
Exhibition room L	285 m2

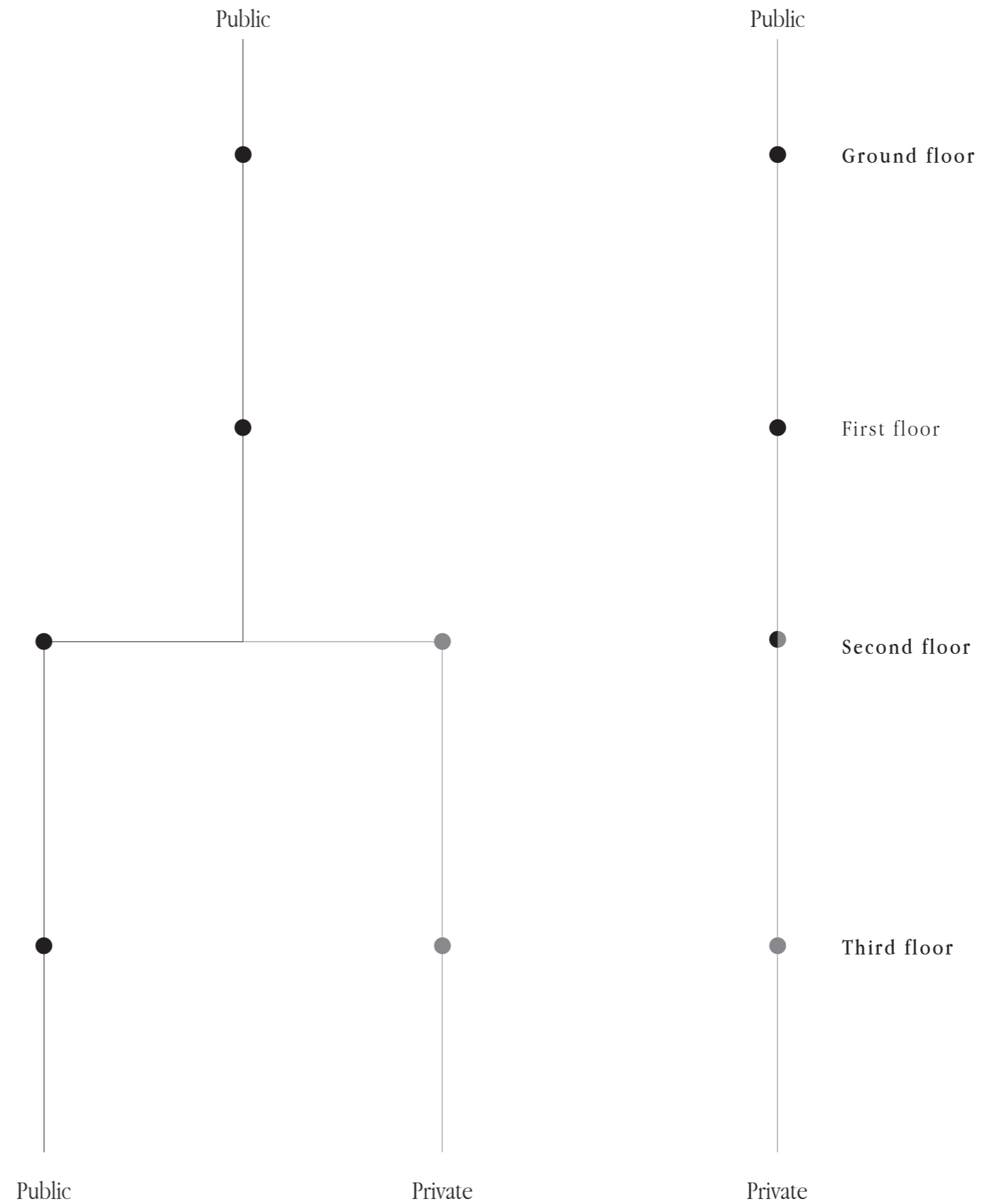
**Second floor**

Exhibition room for interactive art	280 m2
Exhibition room	160 m2
Exhibition roof	110 m2
Artist-in-residence room 1	46 m2
Artist-in-residence room 2	40 m2
Collective living room & kitchen	63 m2
Bathroom	6 m2
Co-Atelier	88 m2
Gallery office	46 m2

**Third floor**

Final exhibition room	153 m2
Gallery café	112 m2
Roof terrace	168 m2
Artist-in-residence room 3	46 m2
Artist-in-residence room 4	40 m2
Collective living room & kitchen	63 m2
Bathroom	6 m2

TOTAL 2892 m2





**Program**

Mission/focus: Emerging artists of African and/or Afro-Latinx descent working locally, nationally, or internationally

Role of gallery: Give institutional guidance and professional development, research support, and a stipend paid on a bi-weekly basis over the course of the residency.

Amount of artists: Three artists

Length of stay: 11 months



*Studio Museum Harlem*

**Program**

Mission/focus: To bring artists and art closer to the community  
Role of gallery: Providing the temporary residency  
Amount of Artist-in-residence: Eight artists (one artist per month)  
Length of stay: One month



*Wiebert Residentie by cultural foundation Hubert, Nijmegen*

The mission of this art gallery is to bridge cultural boundaries and to create awareness for inclusiveness of different cultures. The goal is to reach public engagement and access to art and artists of different cultures.

By the artist-in-residence program, artists of different nationalities come together and contribute to the concept of this art gallery: to create, exhibit and share.



Vacant store space  
for rent



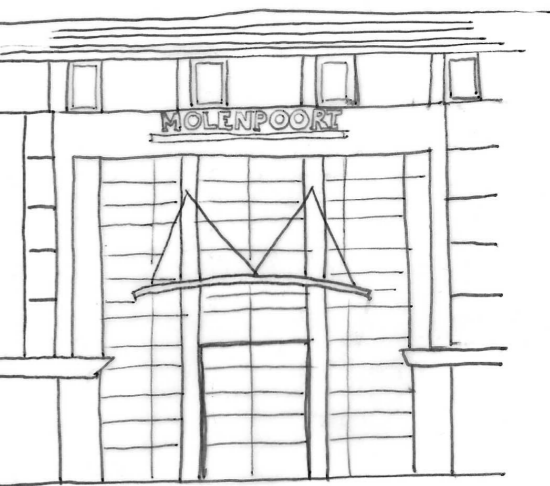
1 artist per month

Bringing cultural activities  
closer to passers by

+

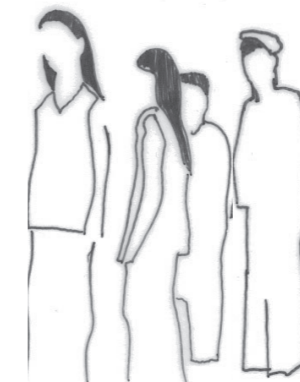


Art Gallery with  
artist-in-residence

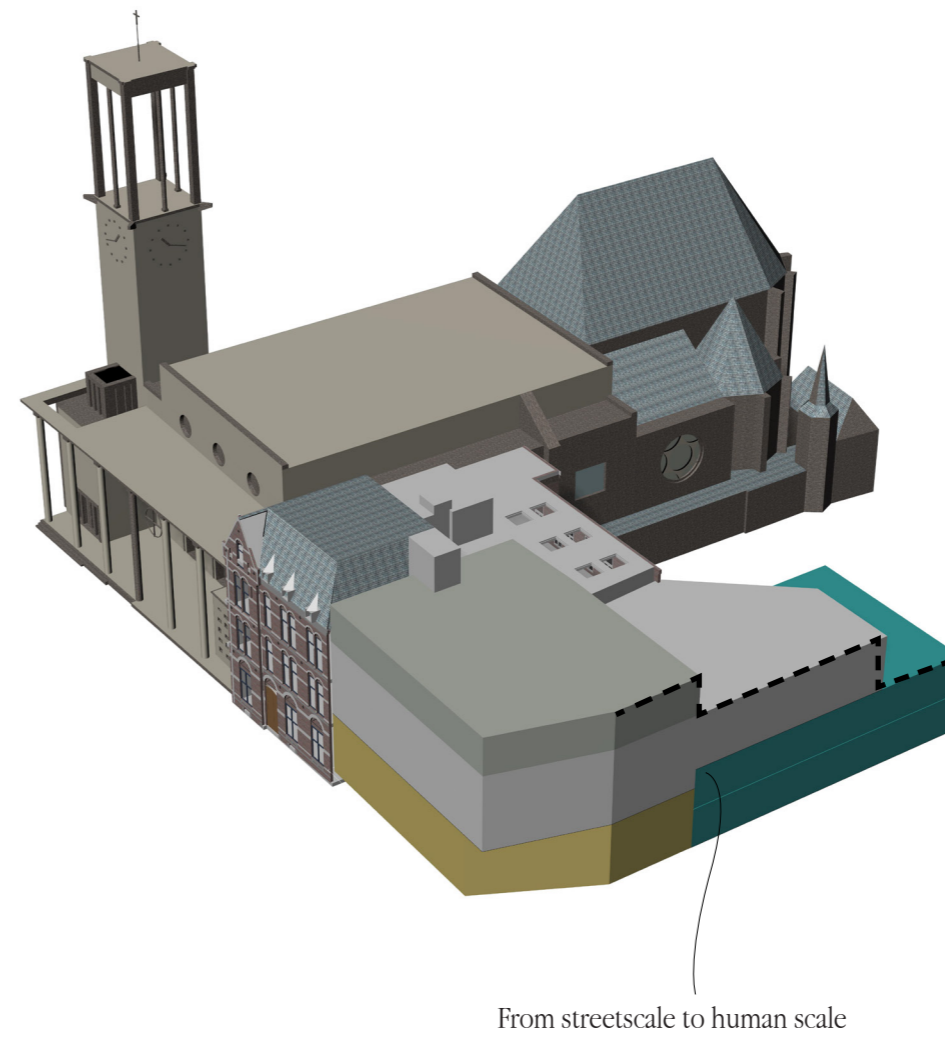
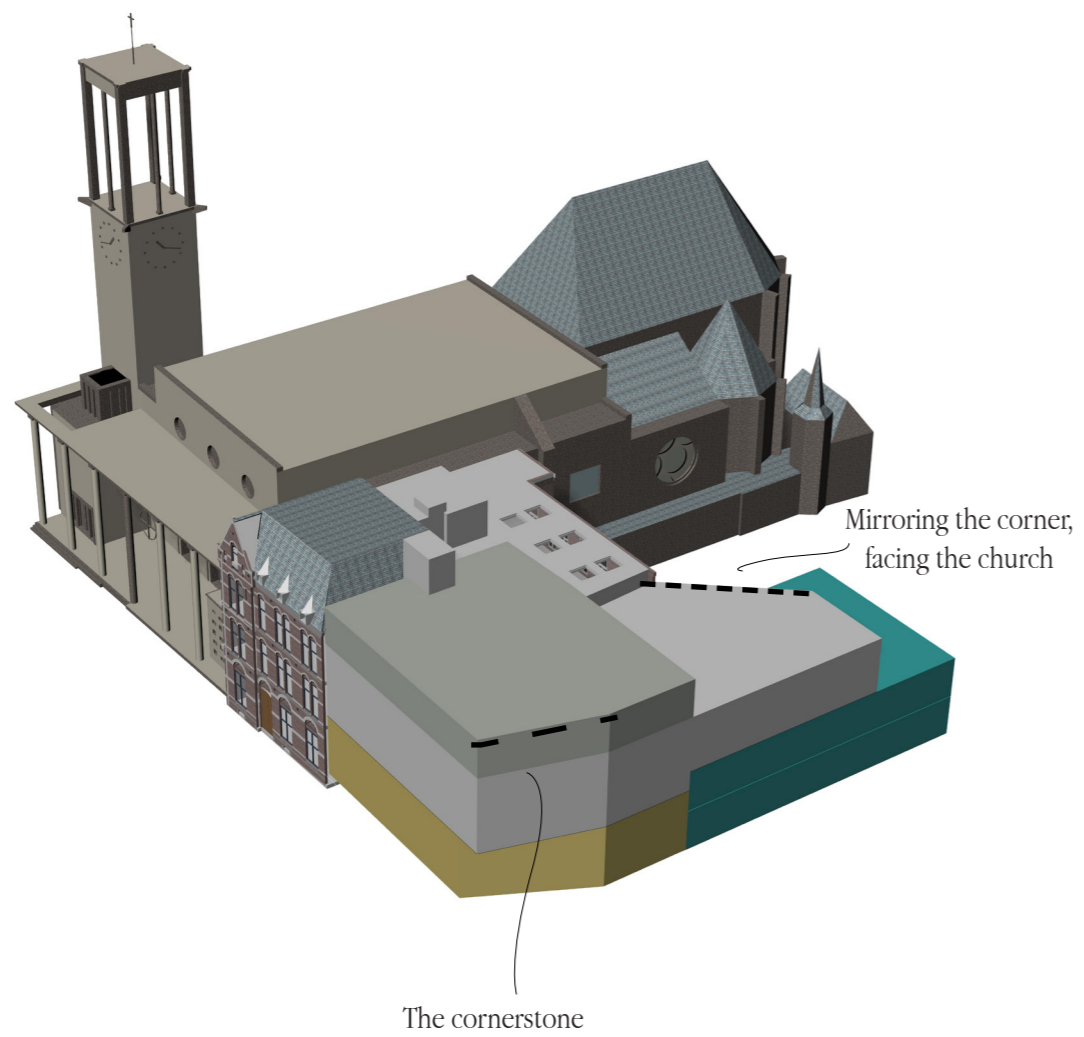


4 artists for 9 months

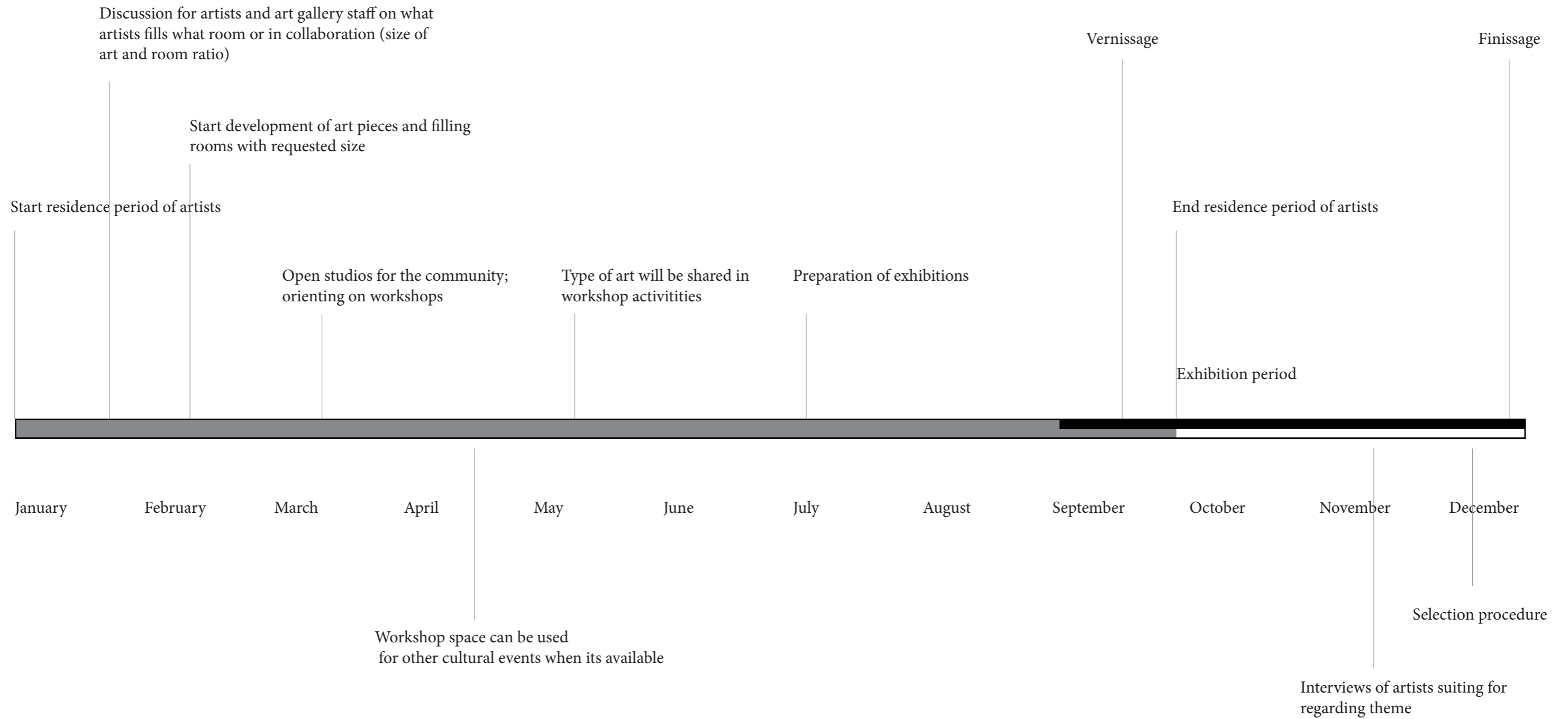
Enhancing public  
engagement in cultural  
activities by integration of  
exhibition, workshop and  
artist-in-residence program

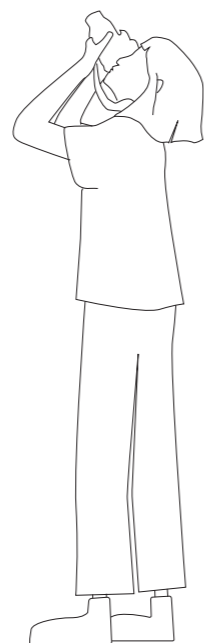




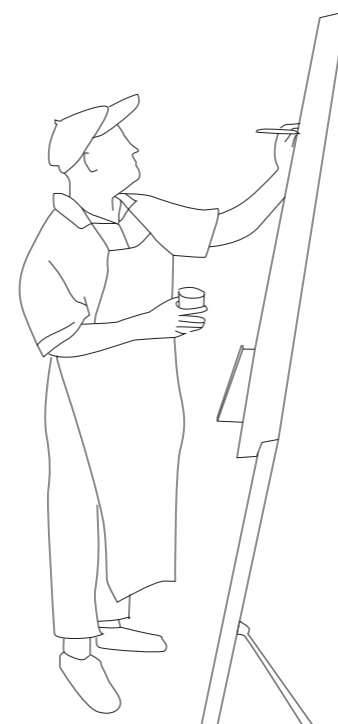




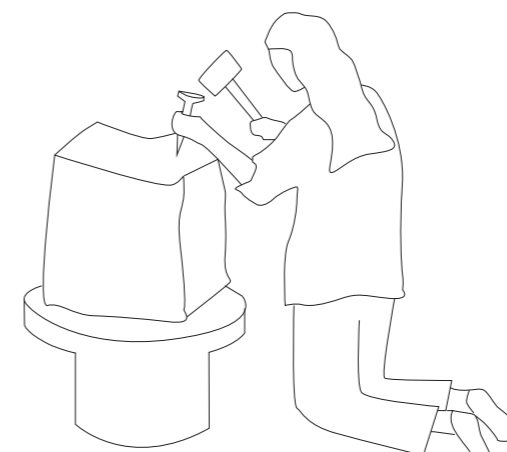




46 m2

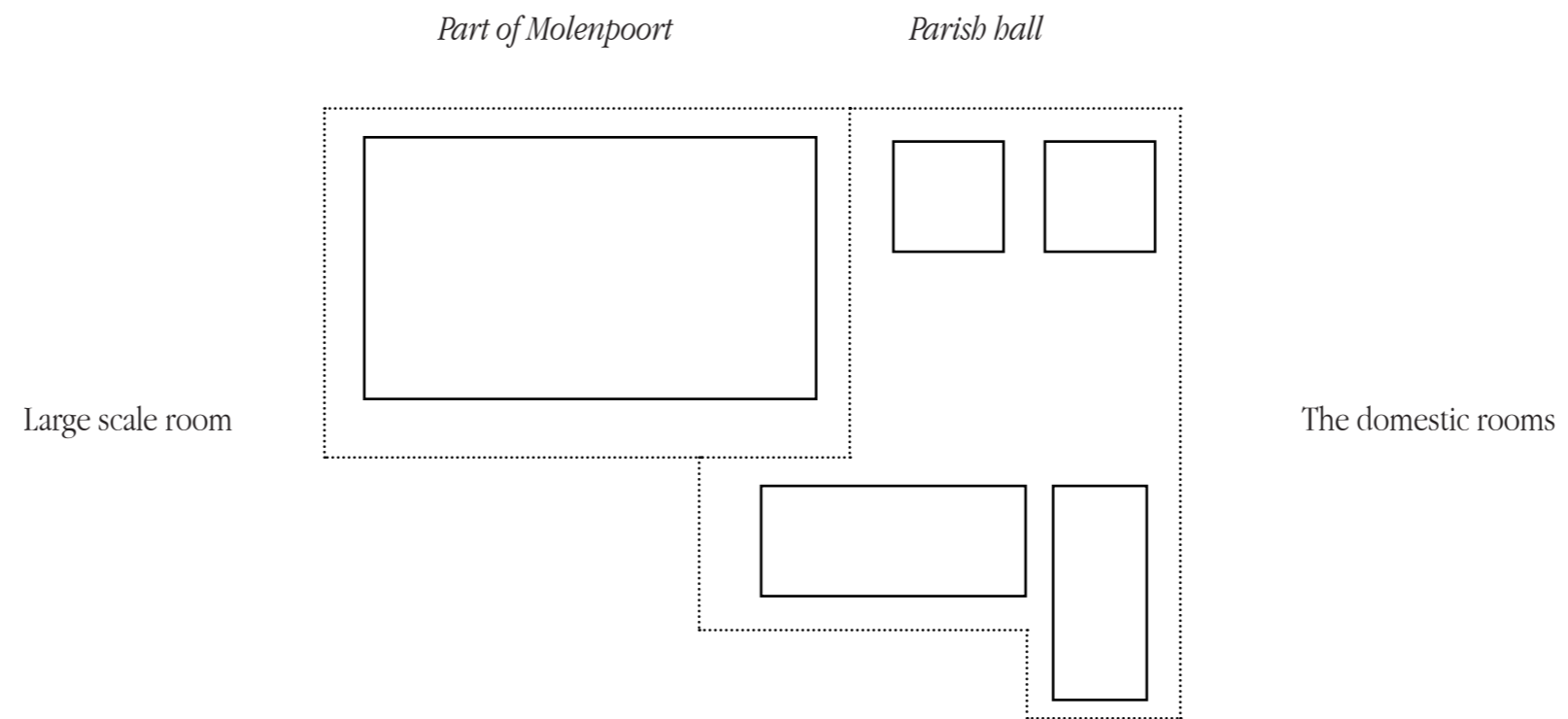


97 m2

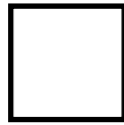


285 m2





Wildline



Photography

46 m2

Jonas



Craftwork

97 m2

William & Julia

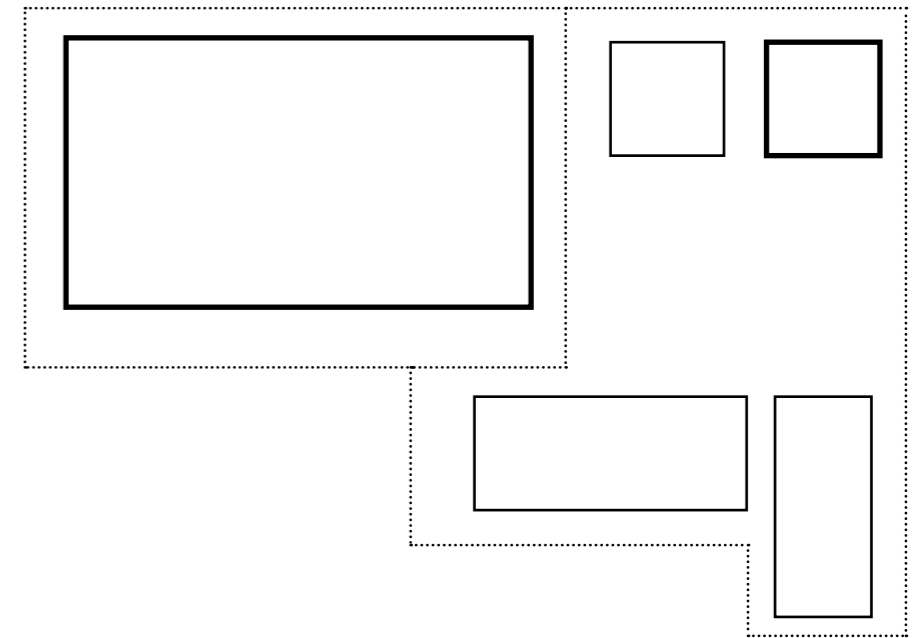


Installations of sculptures

285 m2

*Part of Molenpoort*

*Parish hall*

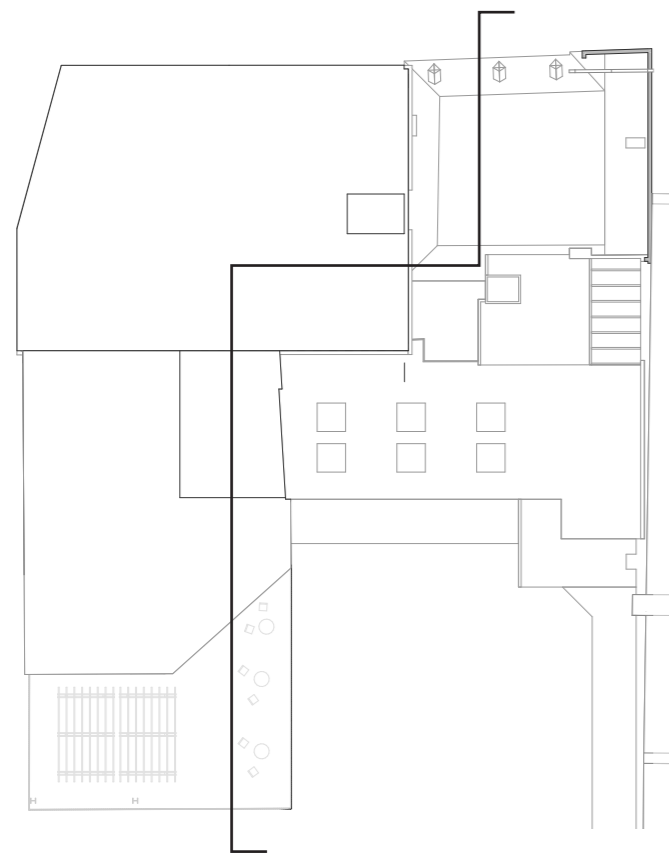


Section

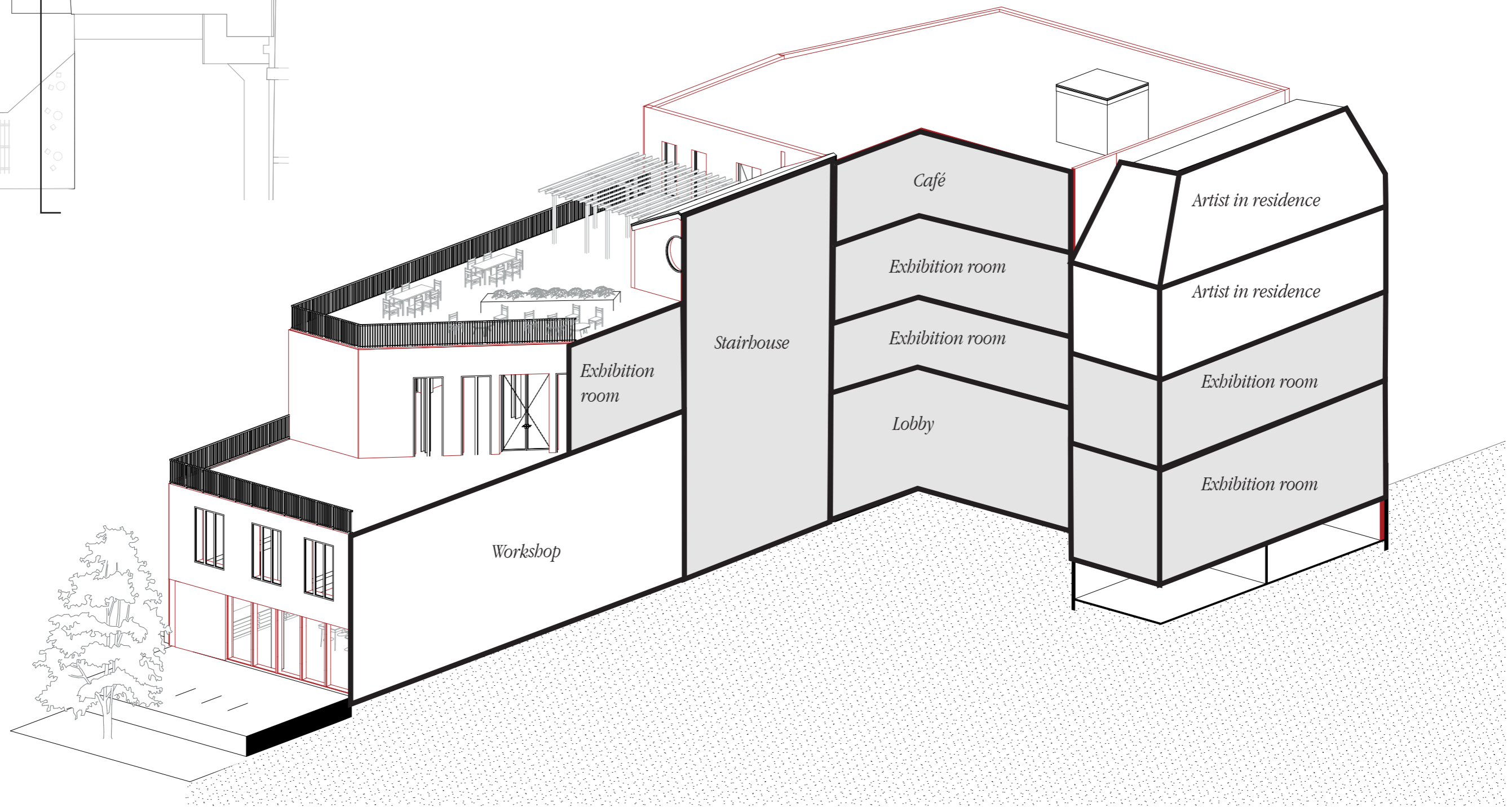
 New  
 Existing

Plans / Detailing

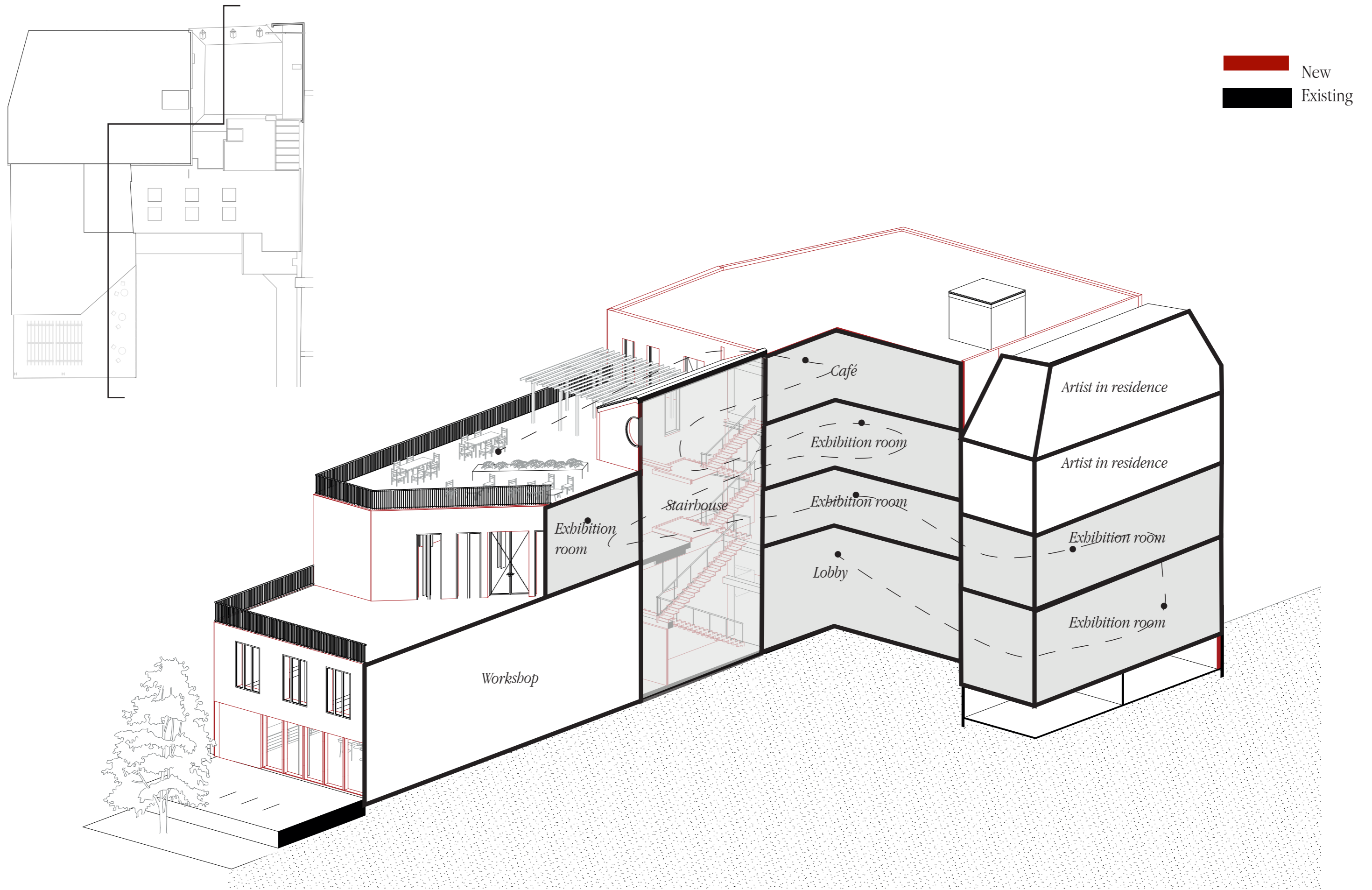
 New  
 Existing

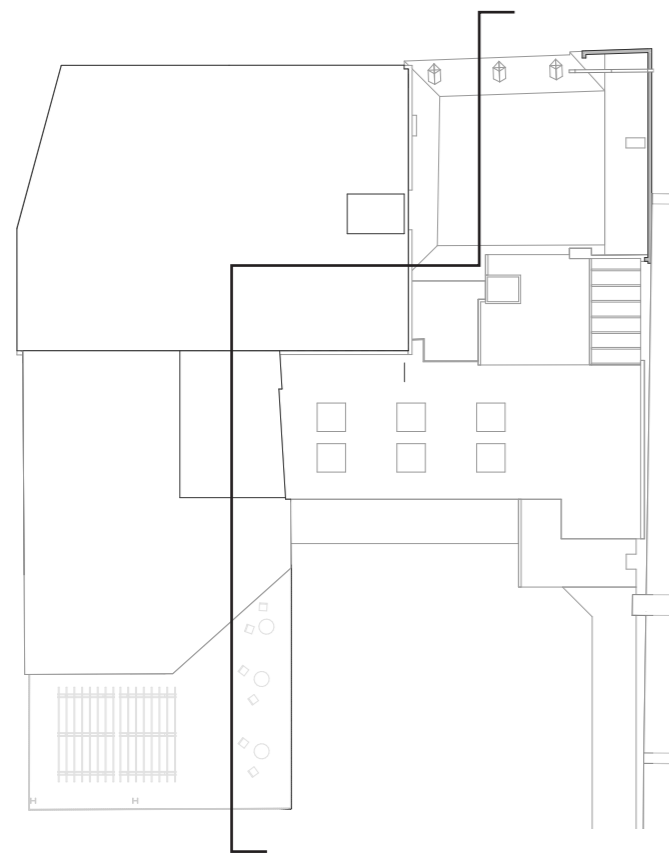


New  
 Existing

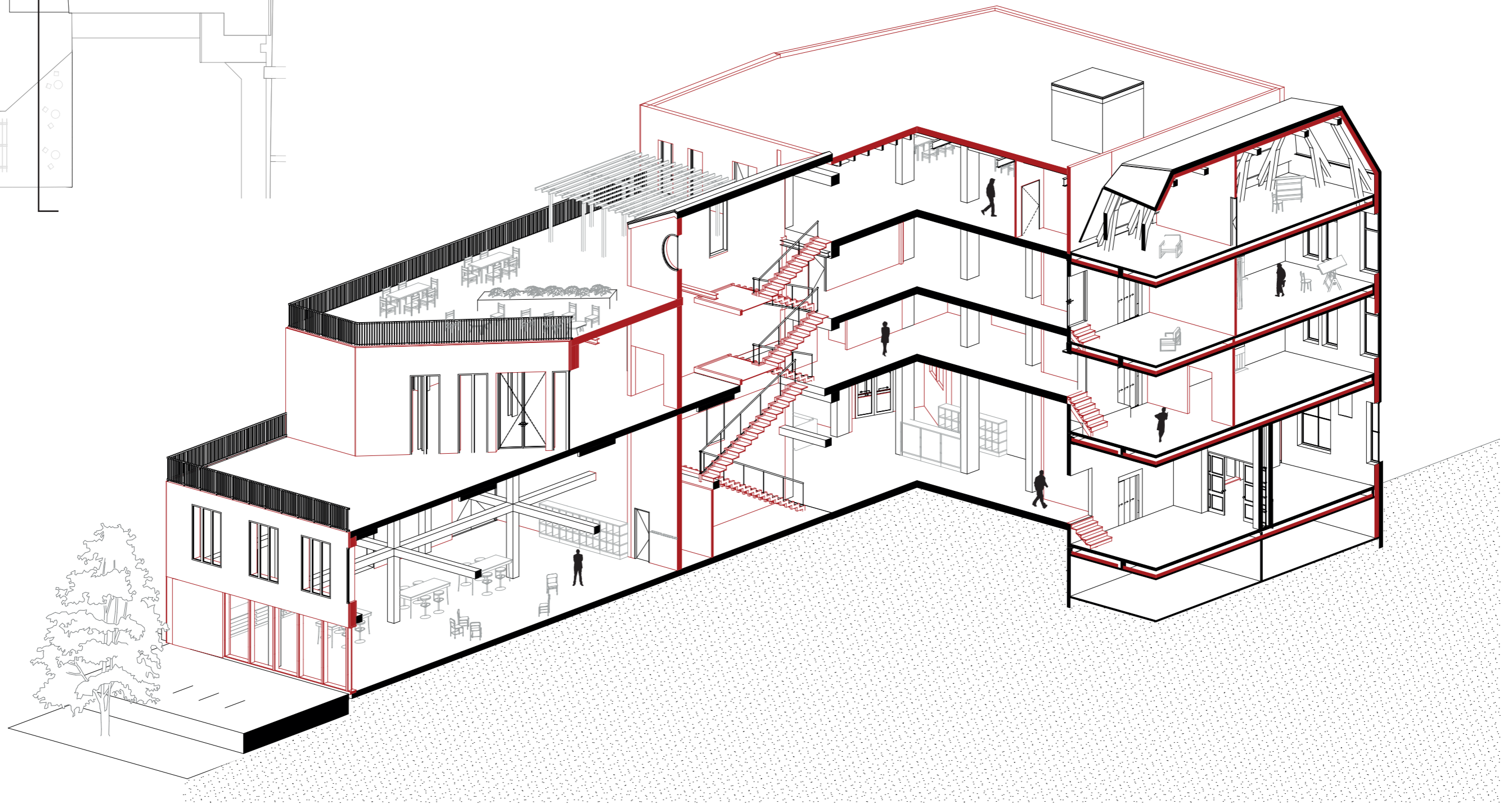








 New  
 Existing



*“Surface textures and details, crafted for the hand, invite the sense of touch, and create an atmosphere of intimacy and warmth”*

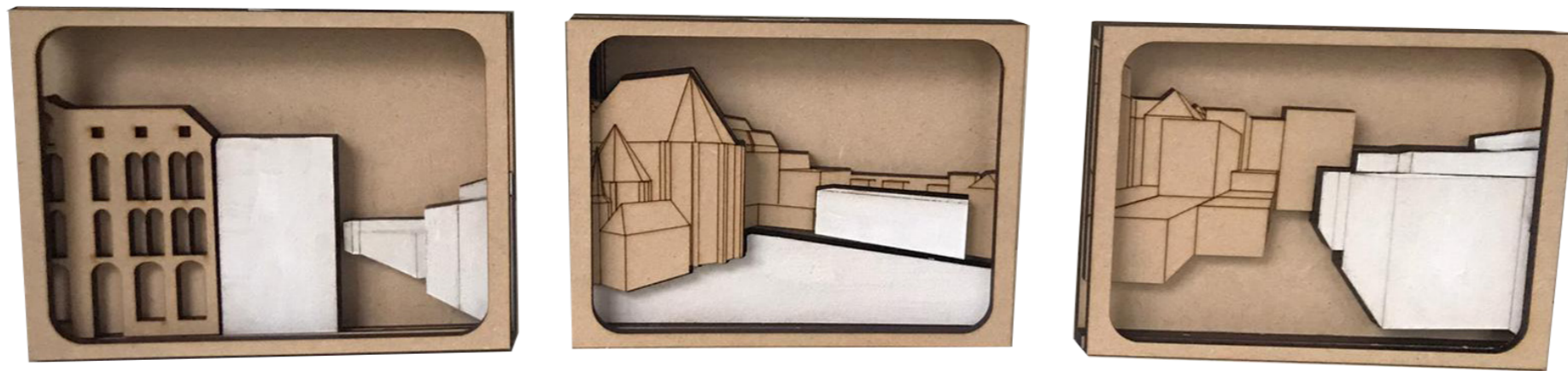


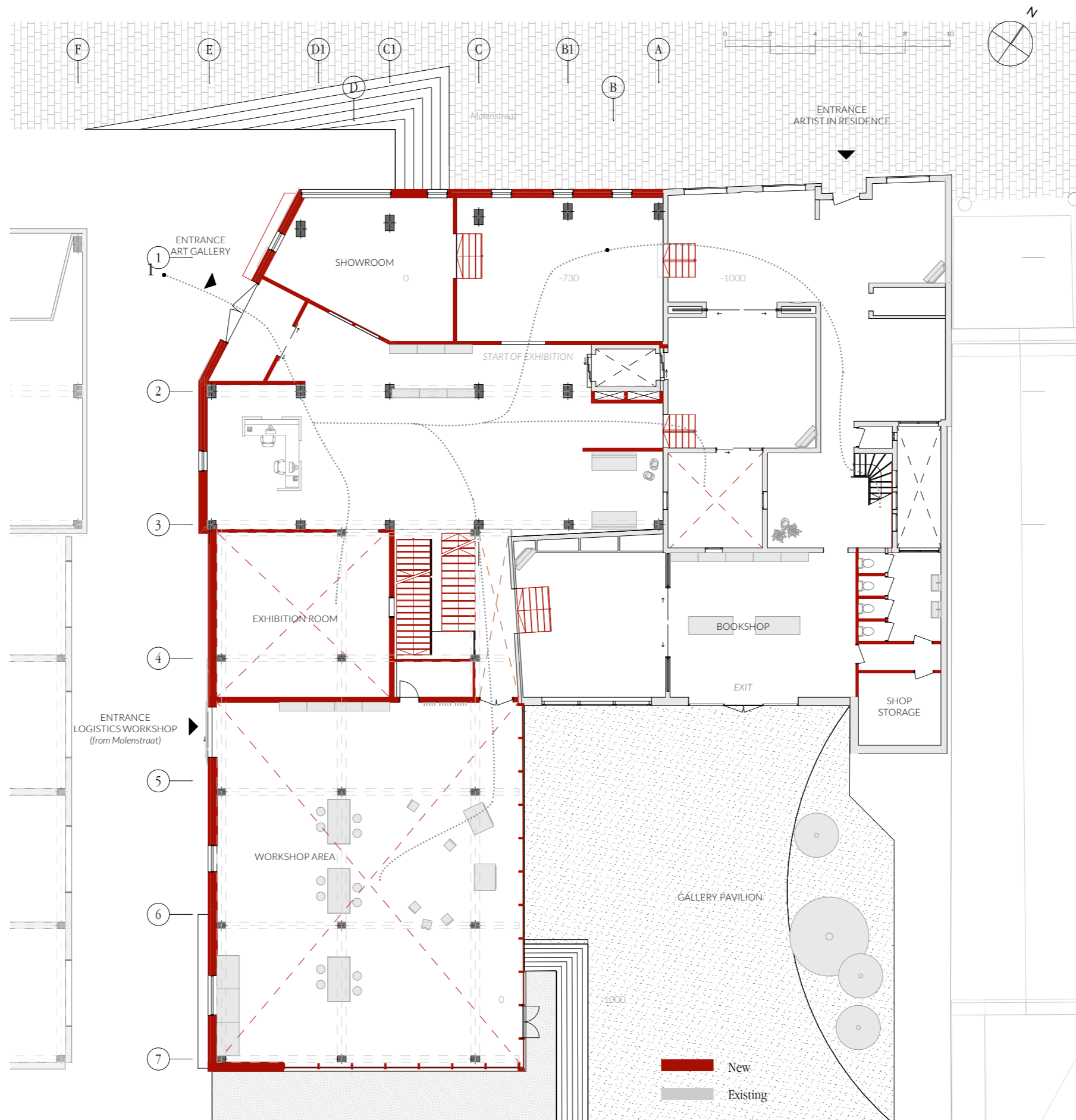
*The leading color in the exterior*

*The hint from exterior to interior*

*The leading color in the interior*













































## **04 / Material positioning**

*'Natural materials - stone, brick and wood - express their age and history, as well as their story of their origins and human use'*

...





**Cradle to cradle can be defined as the design and production of products of all types in such a way that at the end of their life, they can be truly recycled (upcycled), imitating nature's cycle with everything either recycled or returned to the earth, directly or indirectly through food, as a completely safe, nontoxic, and biodegradable nutrient.**

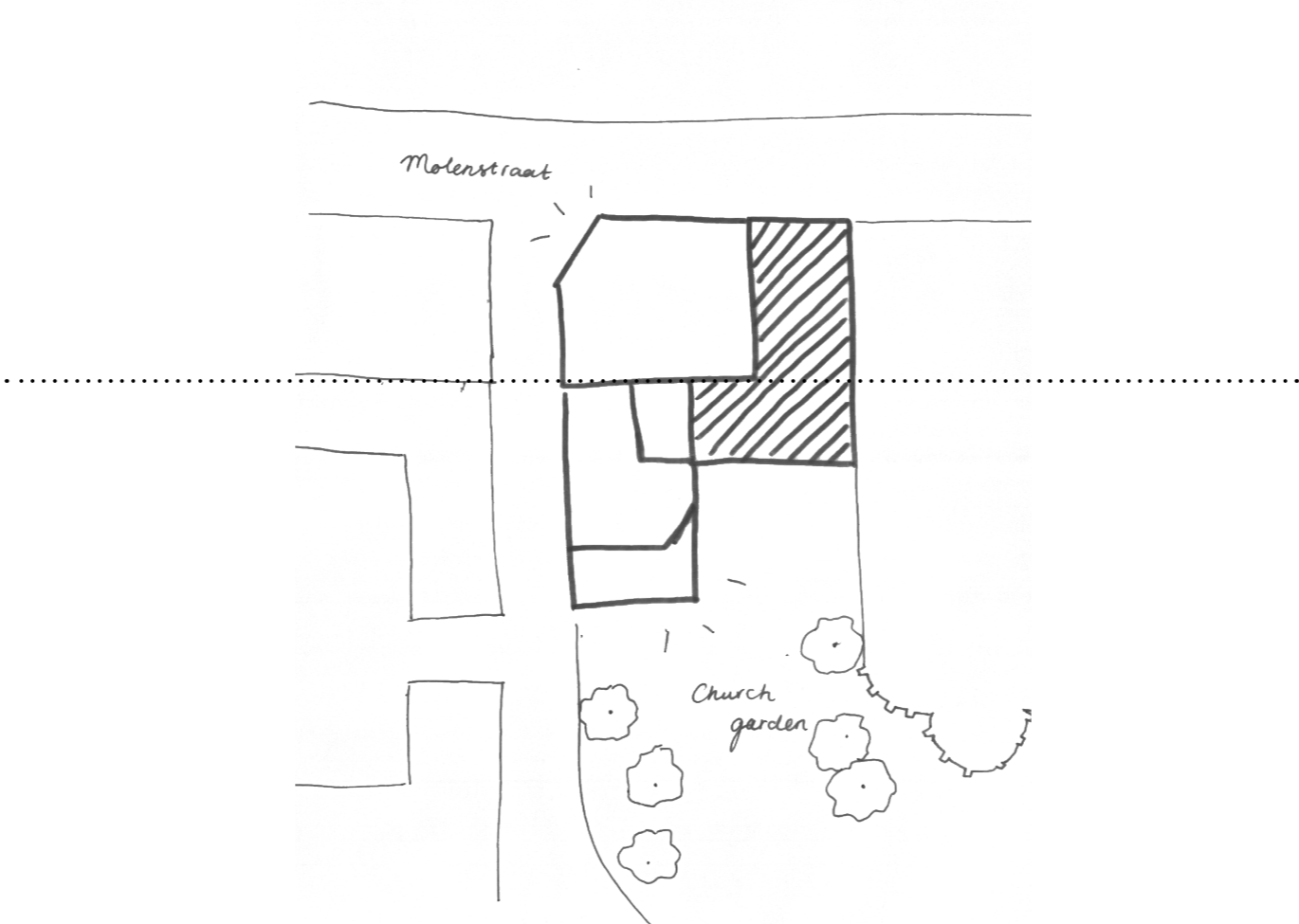


*Door of parish hall & door of Molenstraatchurch*

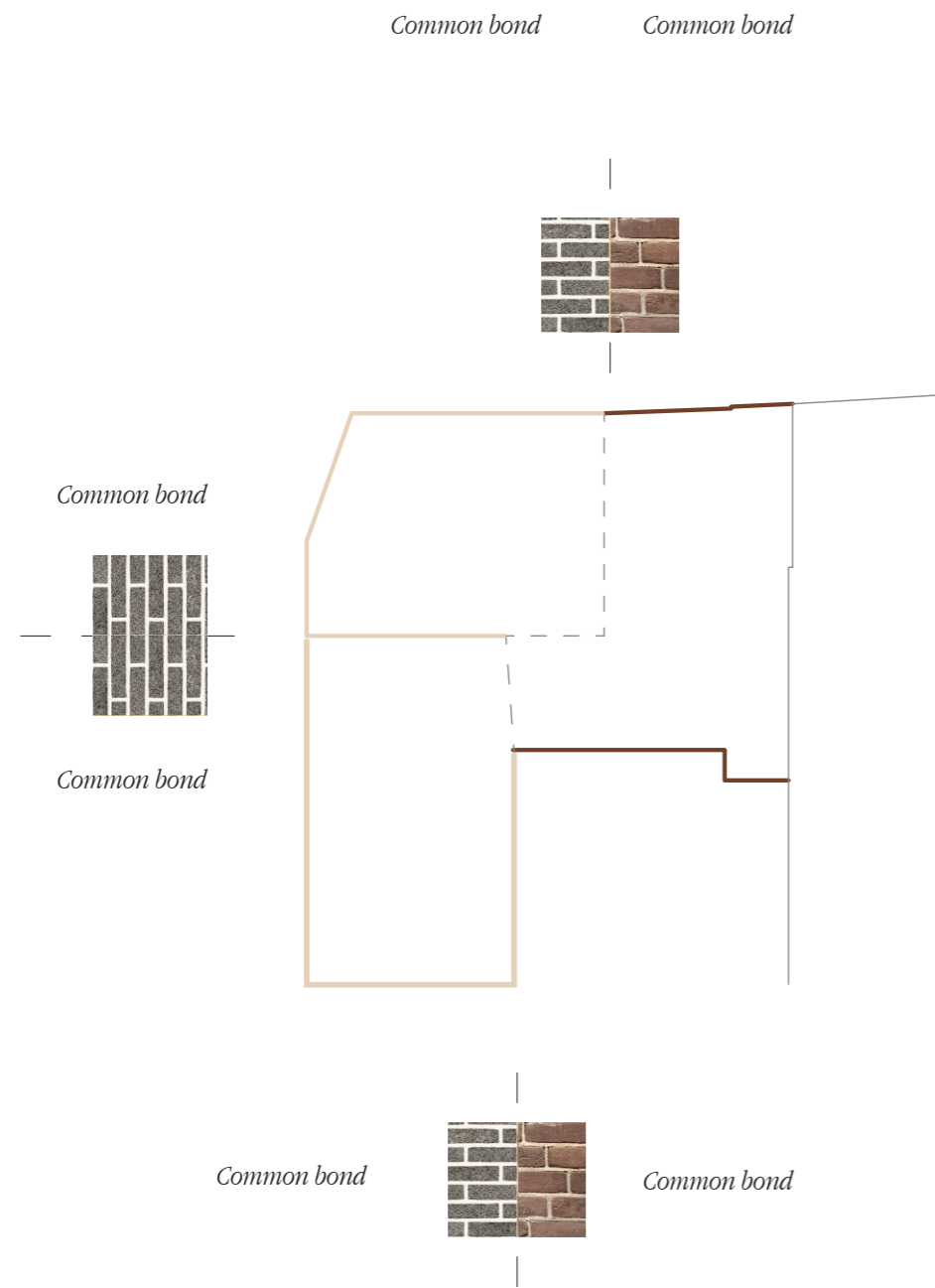
*gebruiktbouwmaterialen.nl via Opalis*



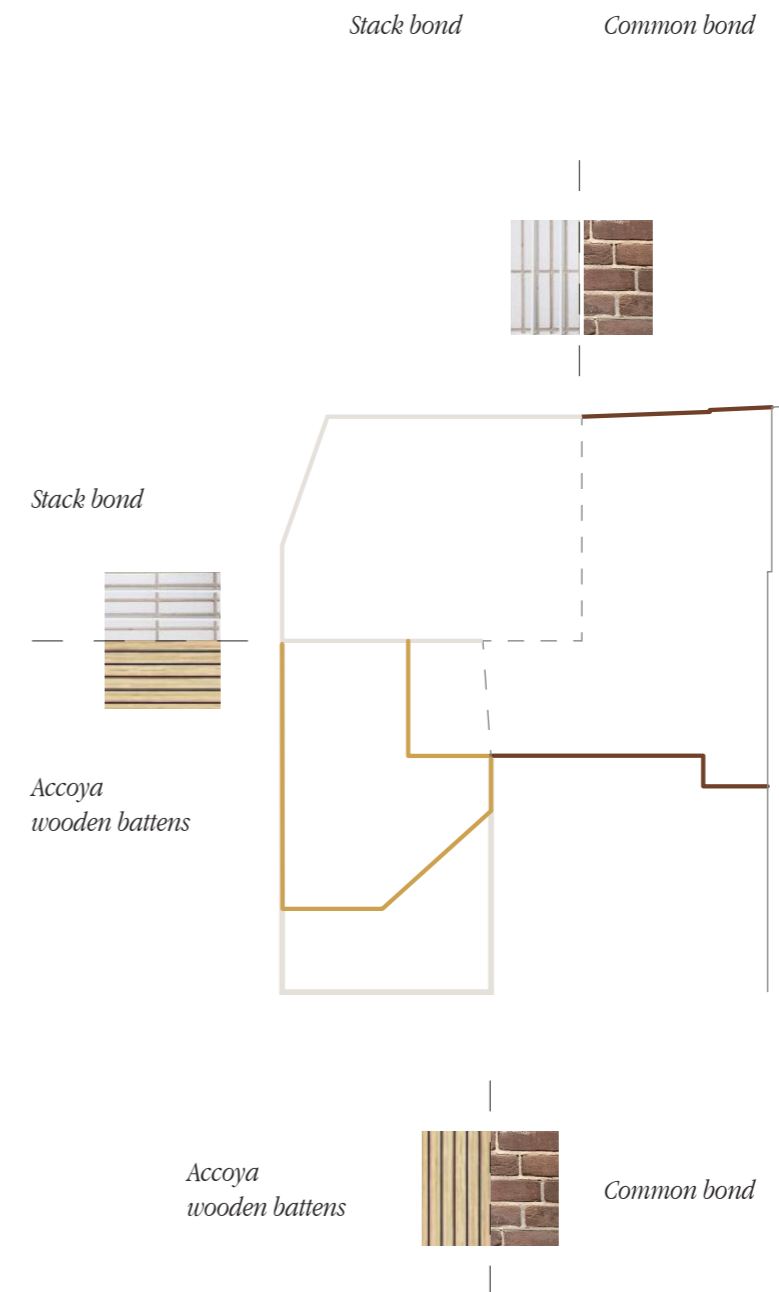
*Relating to the Molenstraat*



*Relating to the garden*



*Material Concept | Plinth*



*Material Concept | Upper Floors*













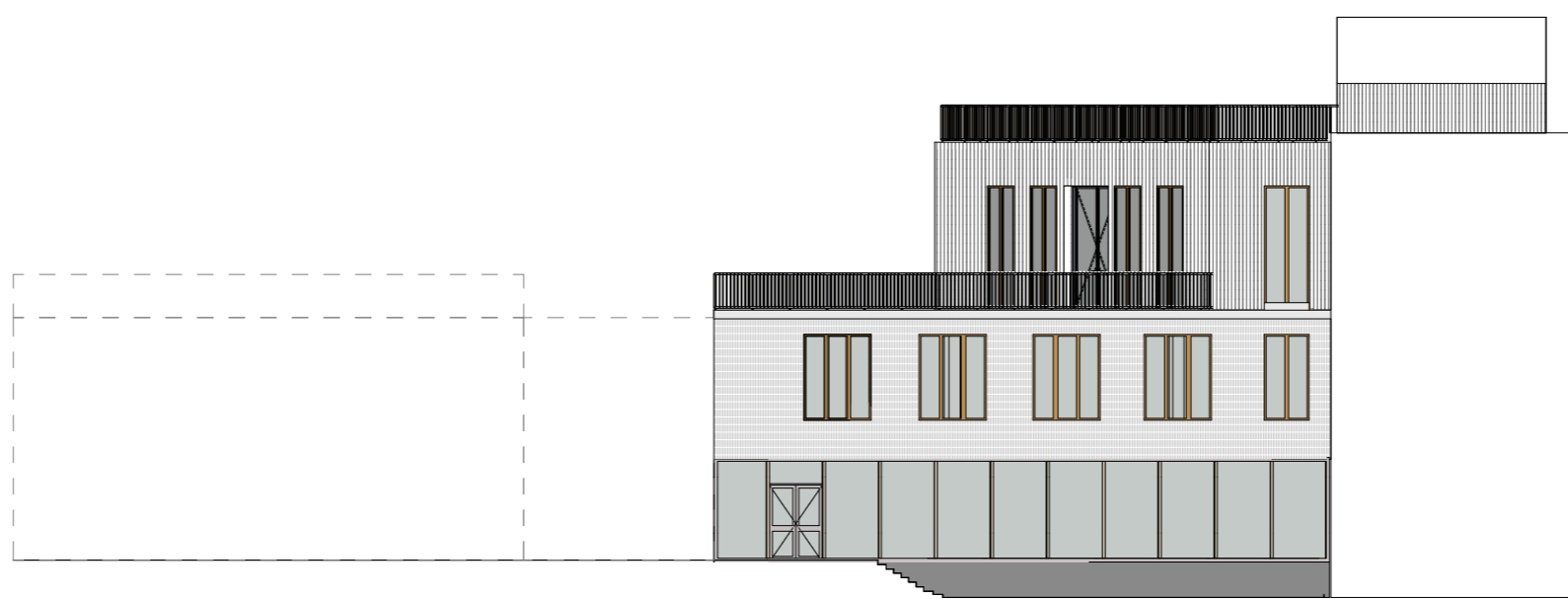








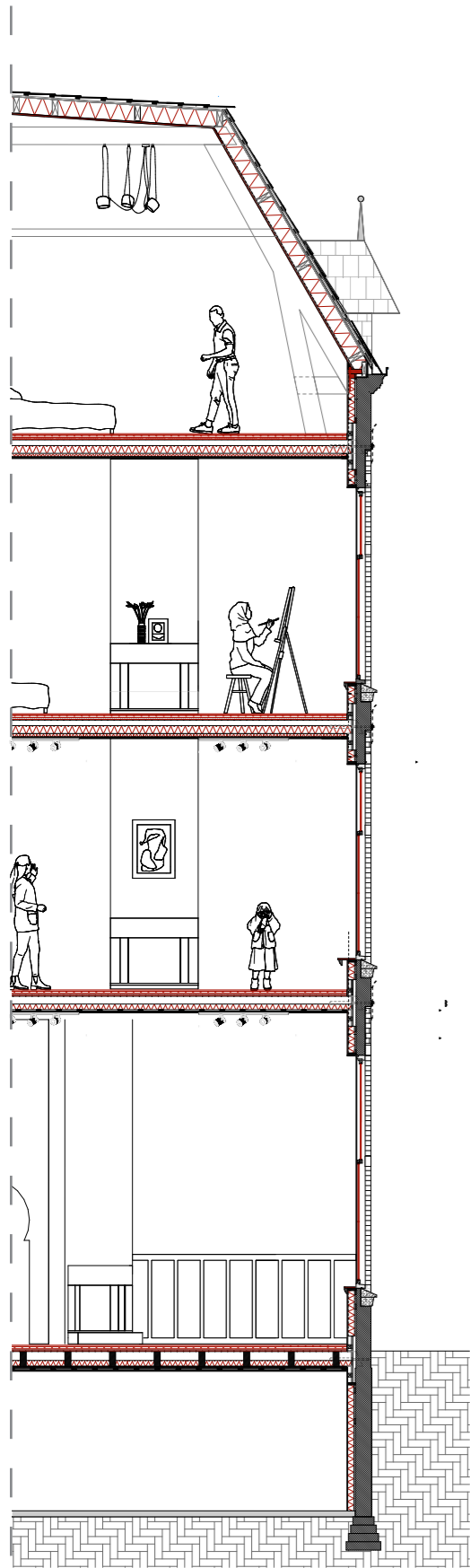








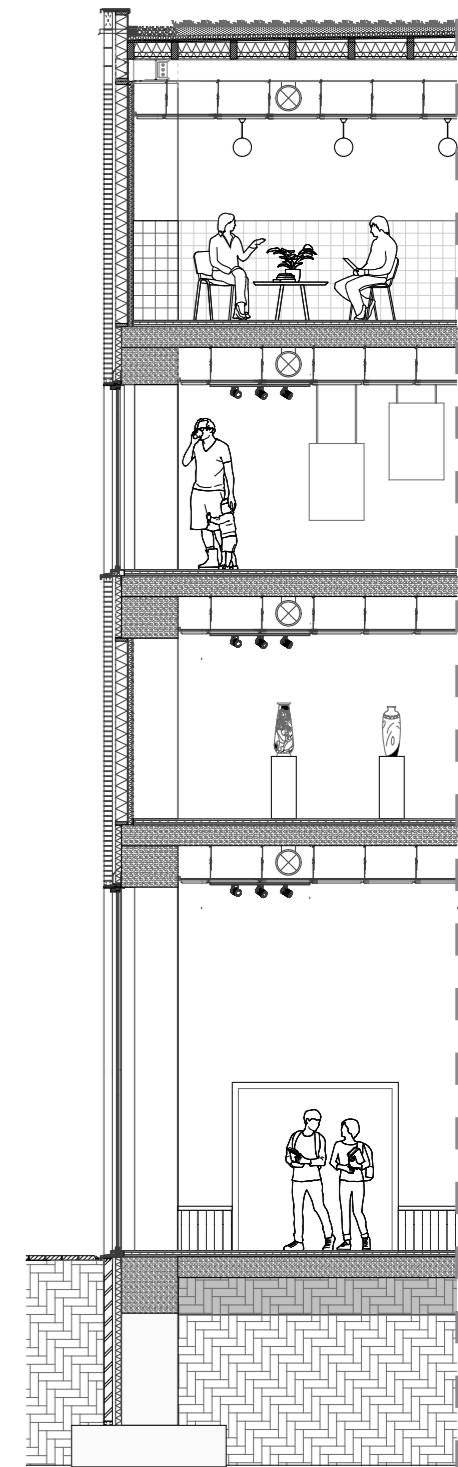


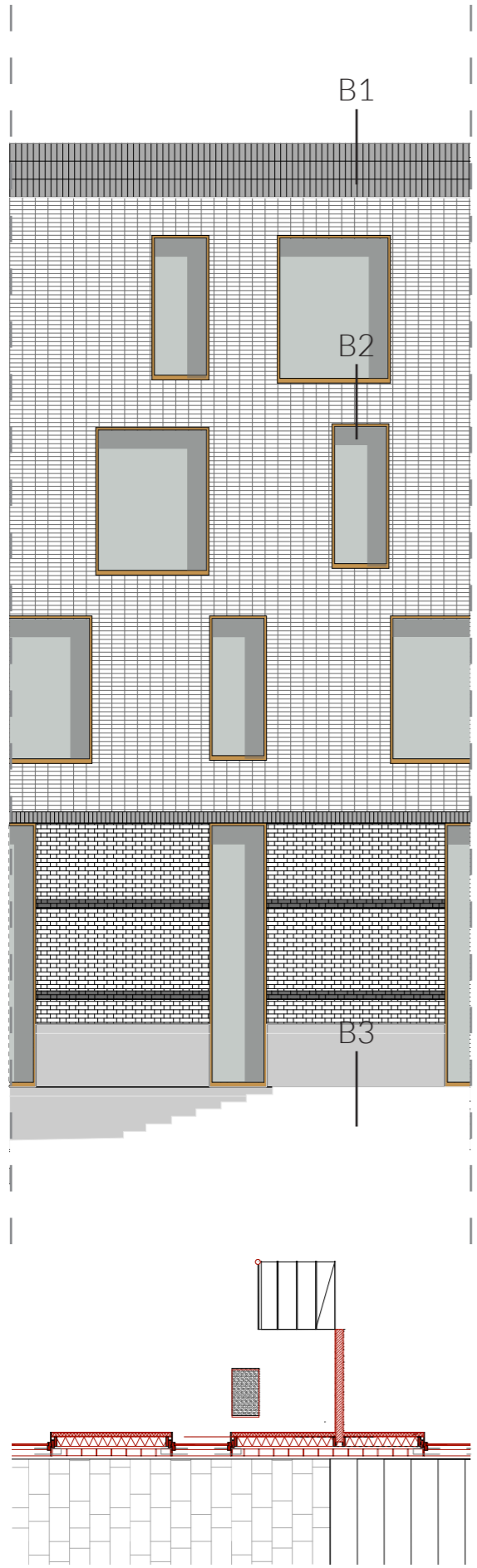


4. Material positioning

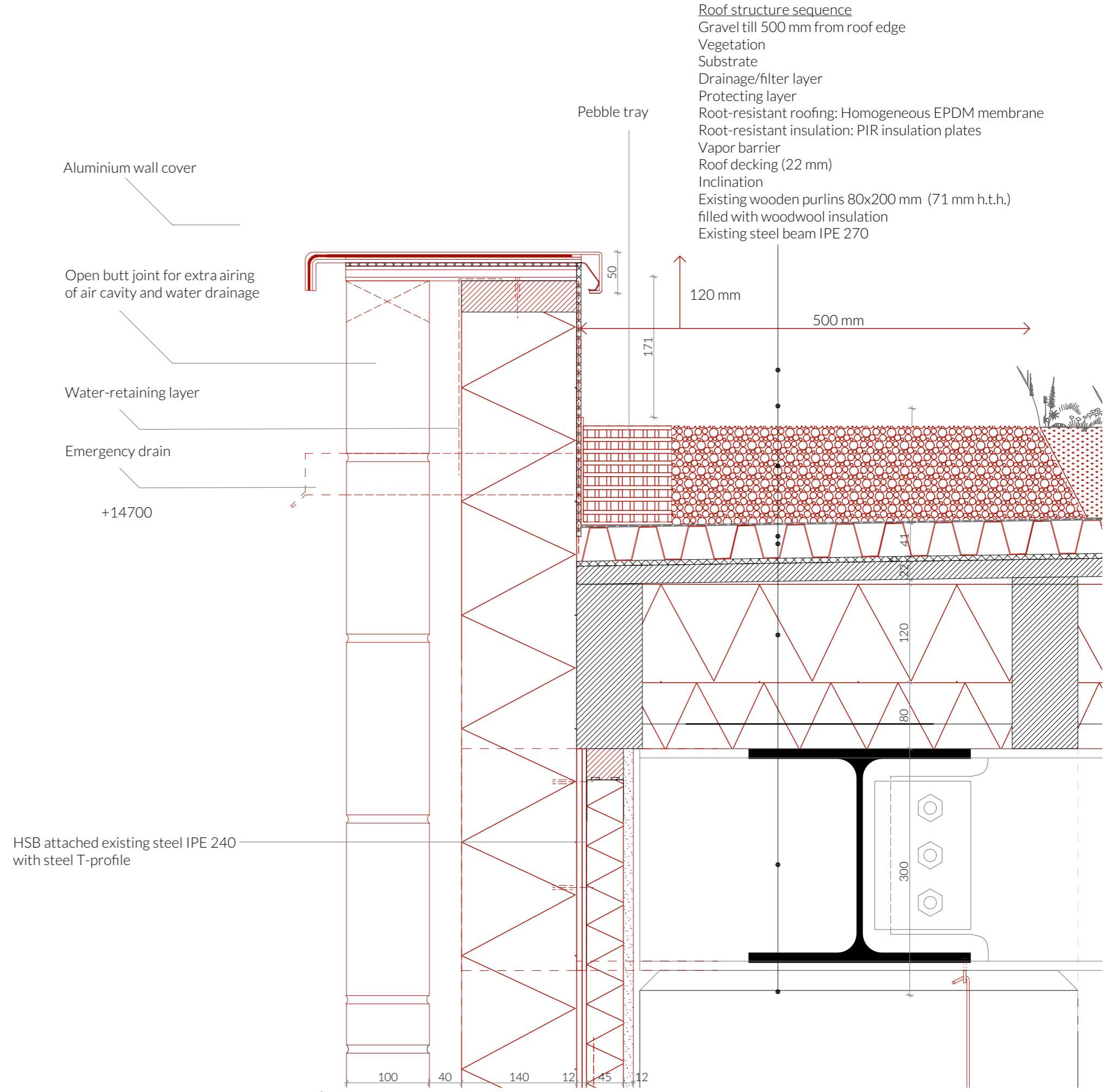


Detail 1:20



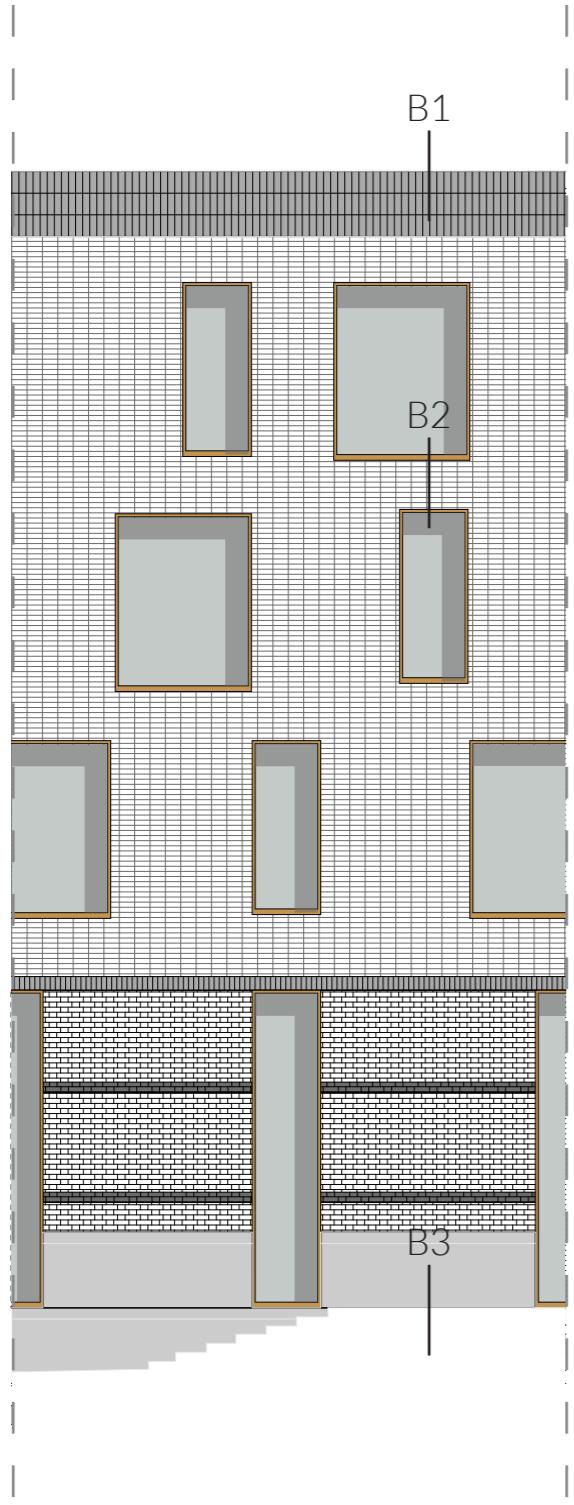


4. Material positioning

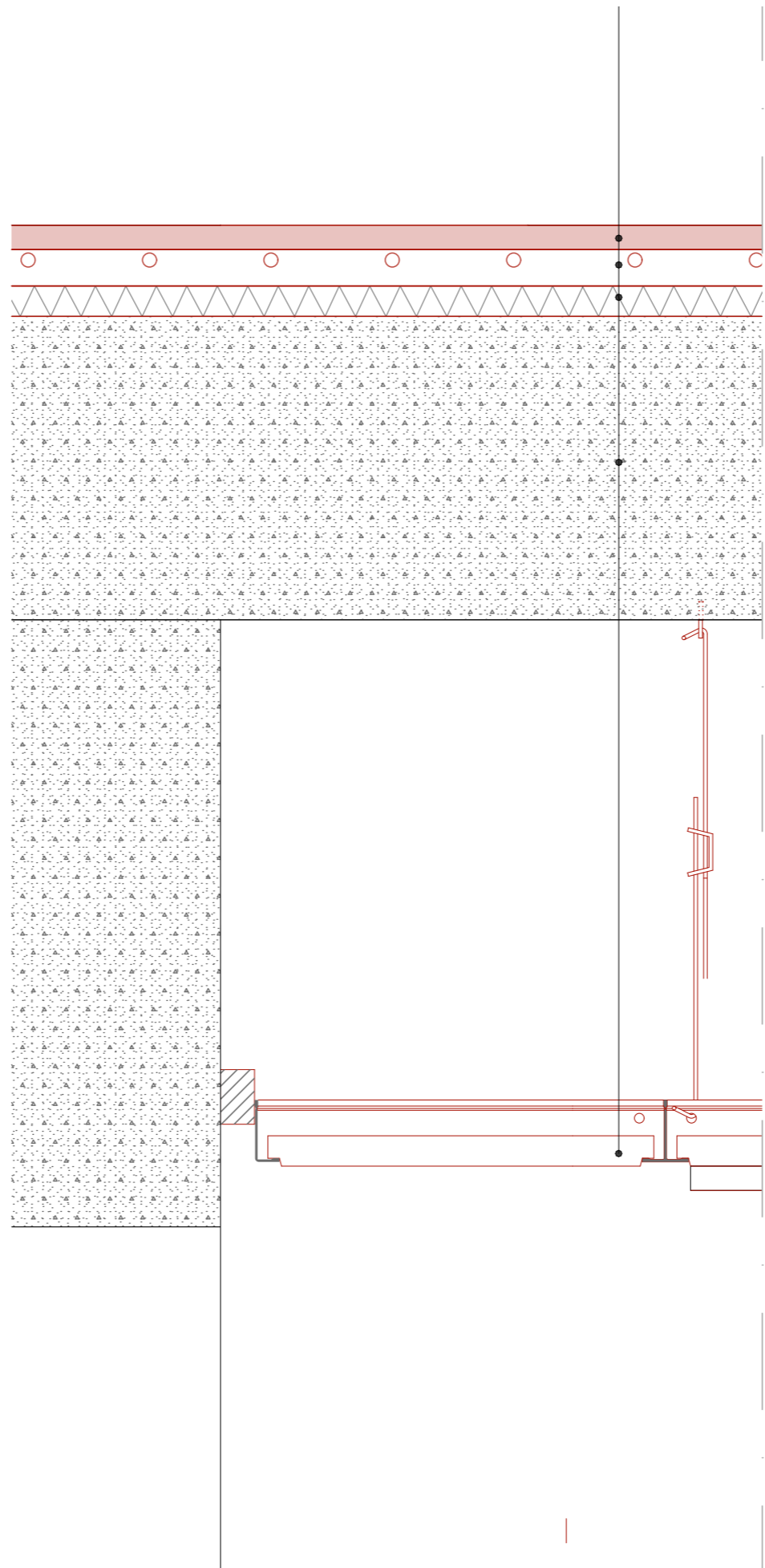


B1 Detail 1:5 | Roof

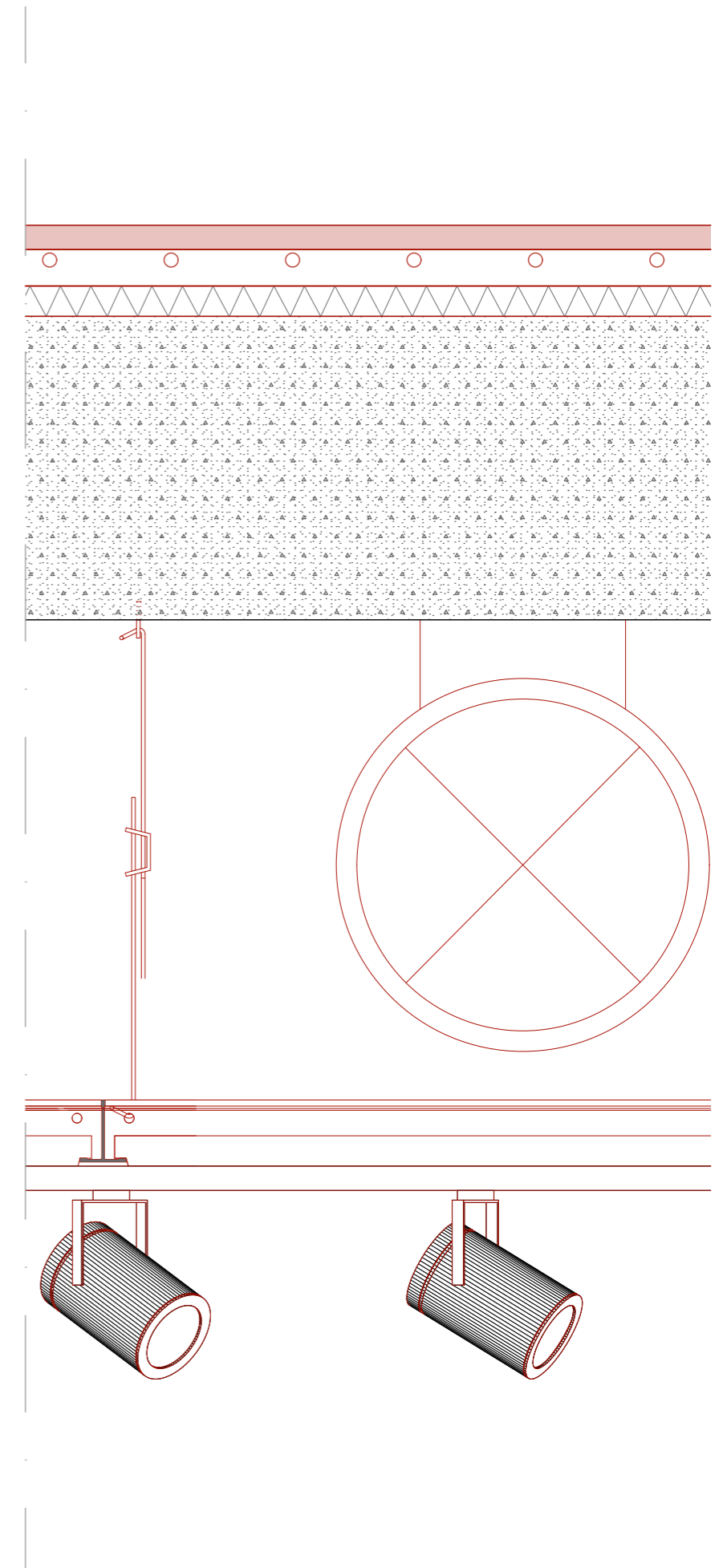


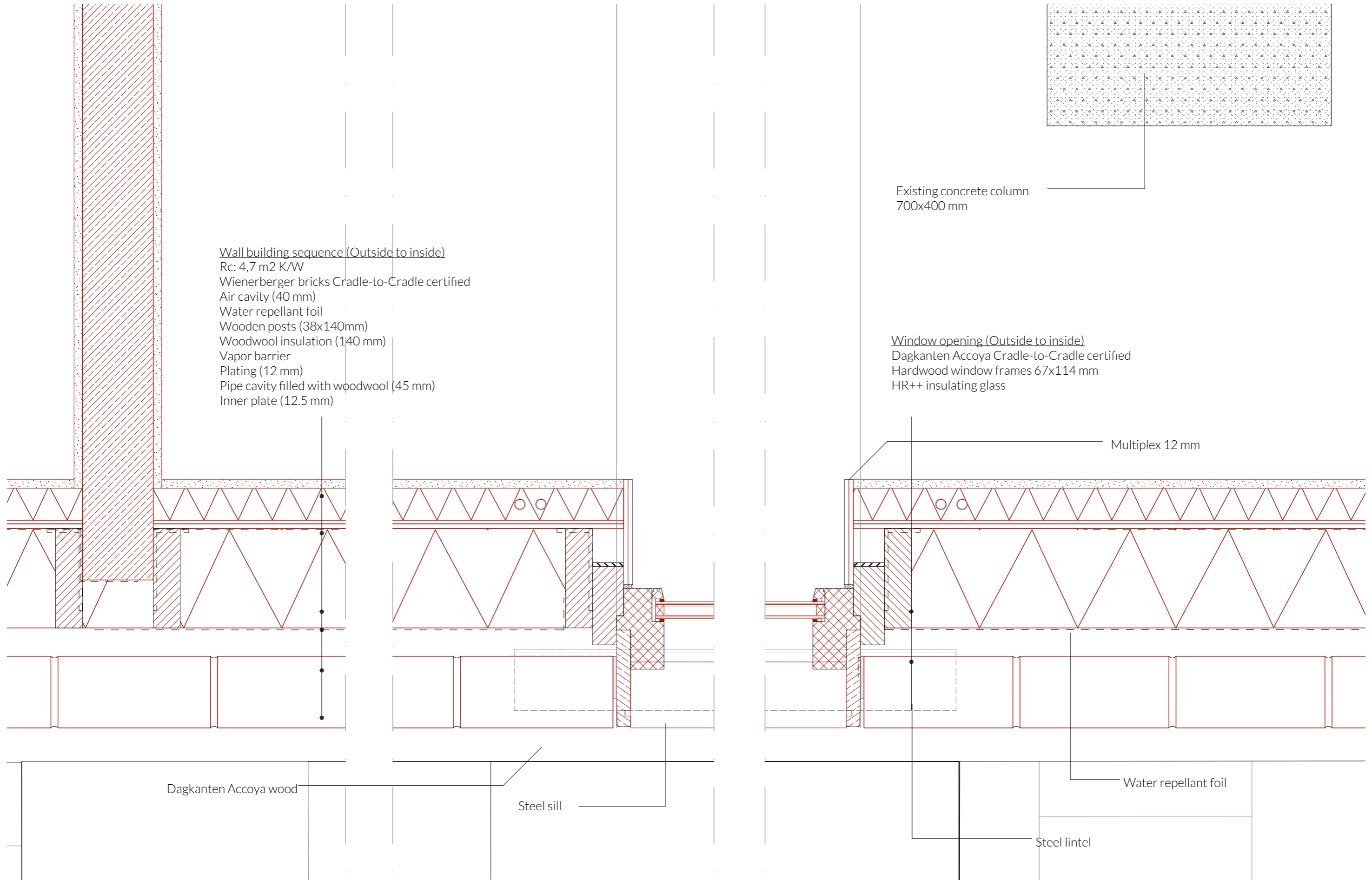


4. Material positioning



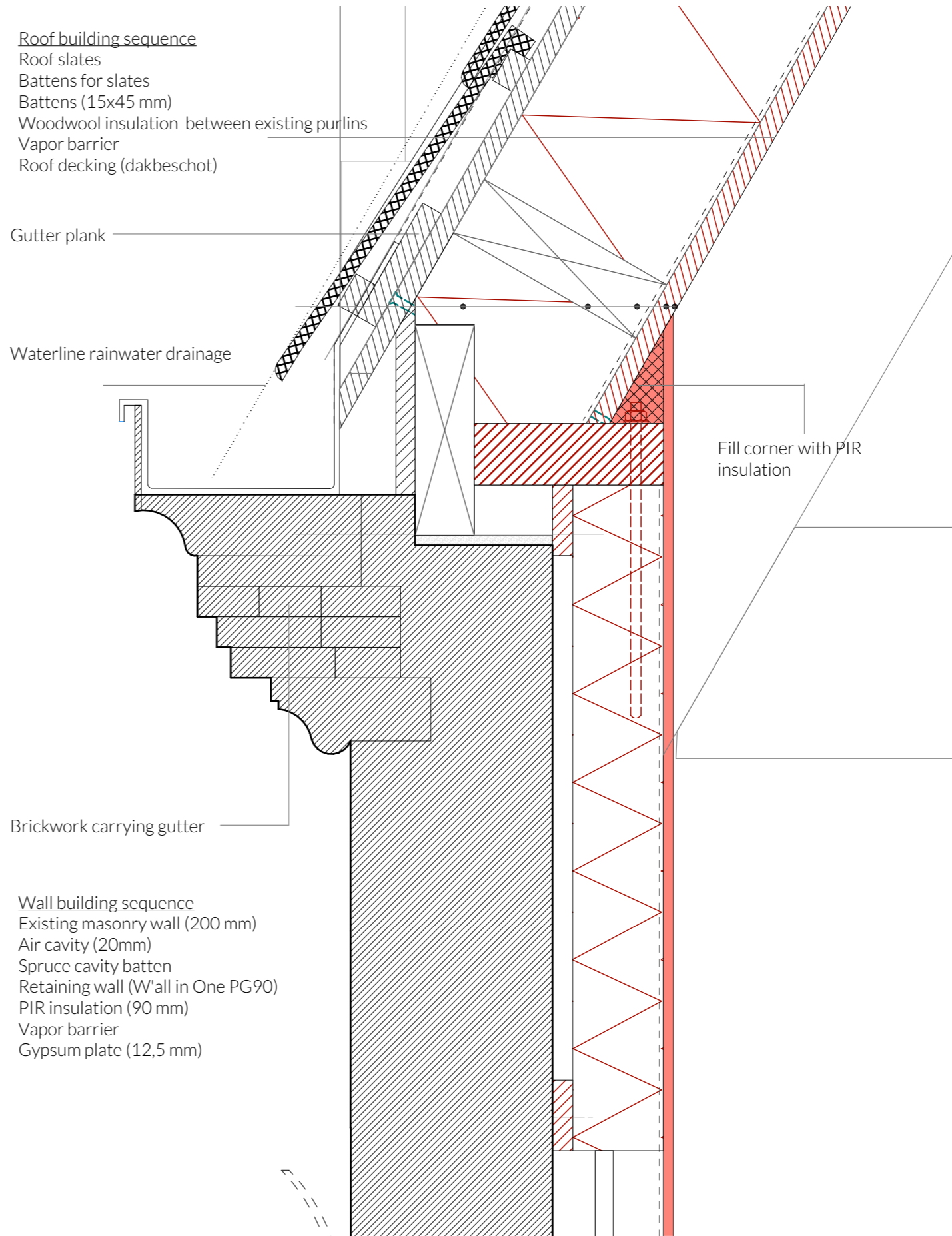
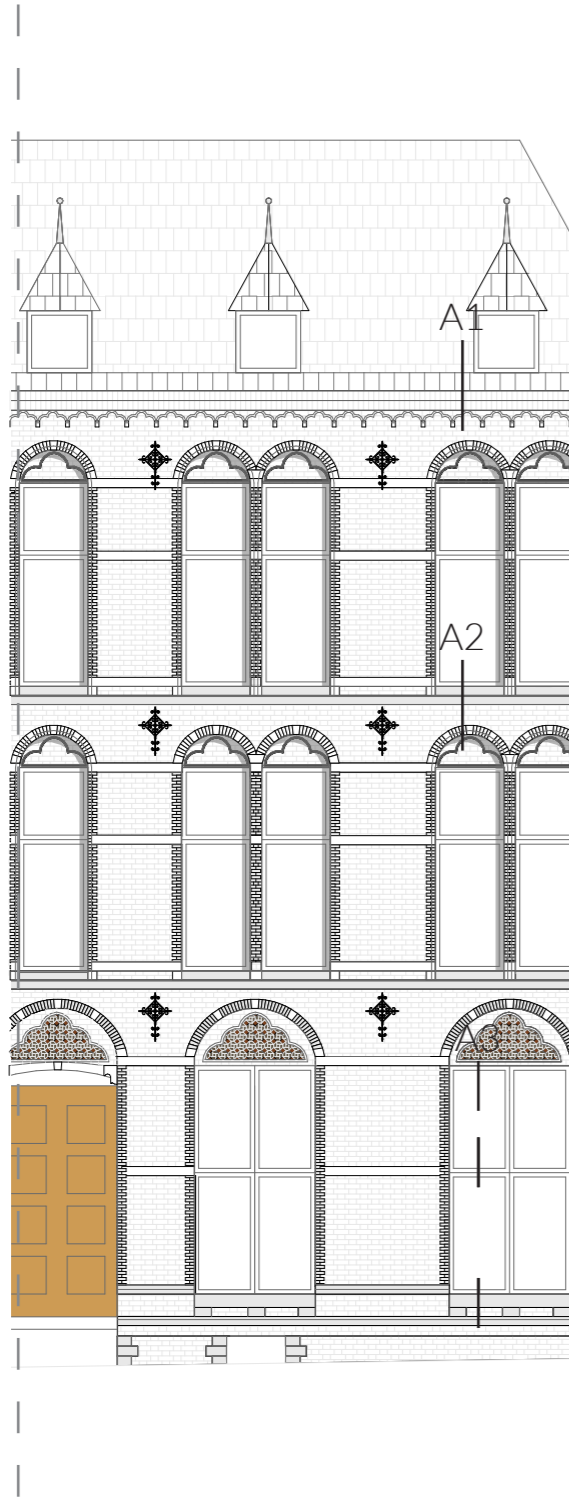
B2 detail 1:5 | Ceiling



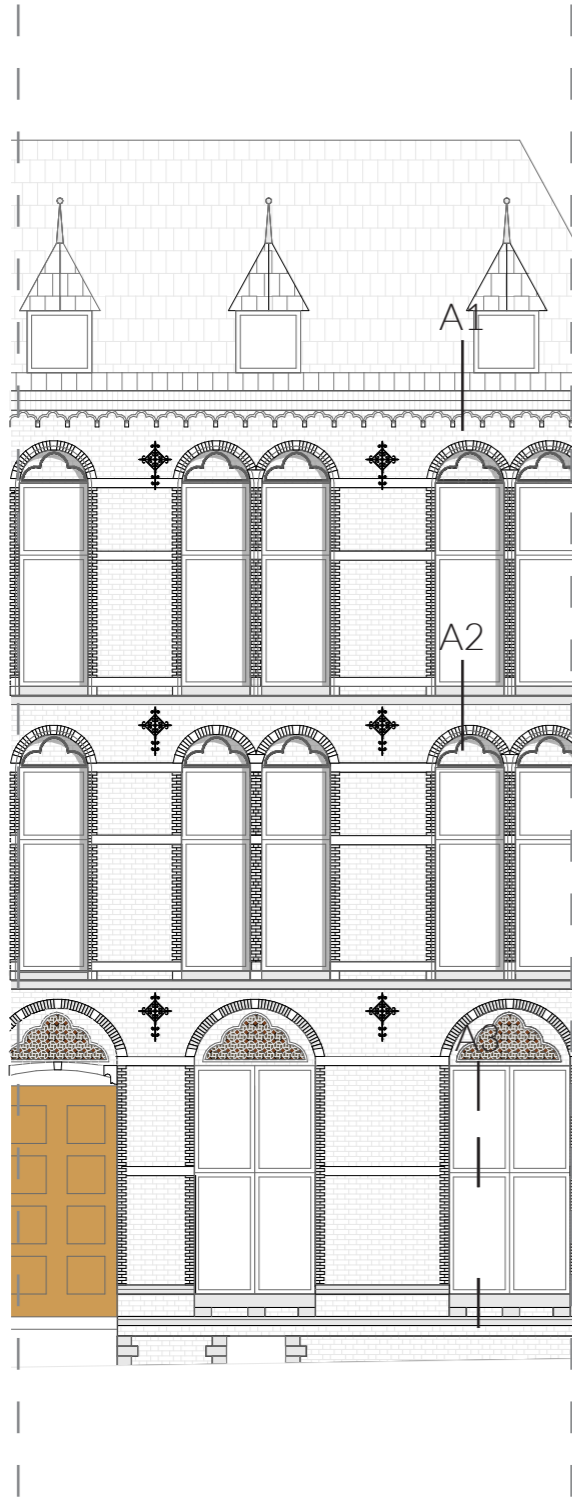


4. Material positioning

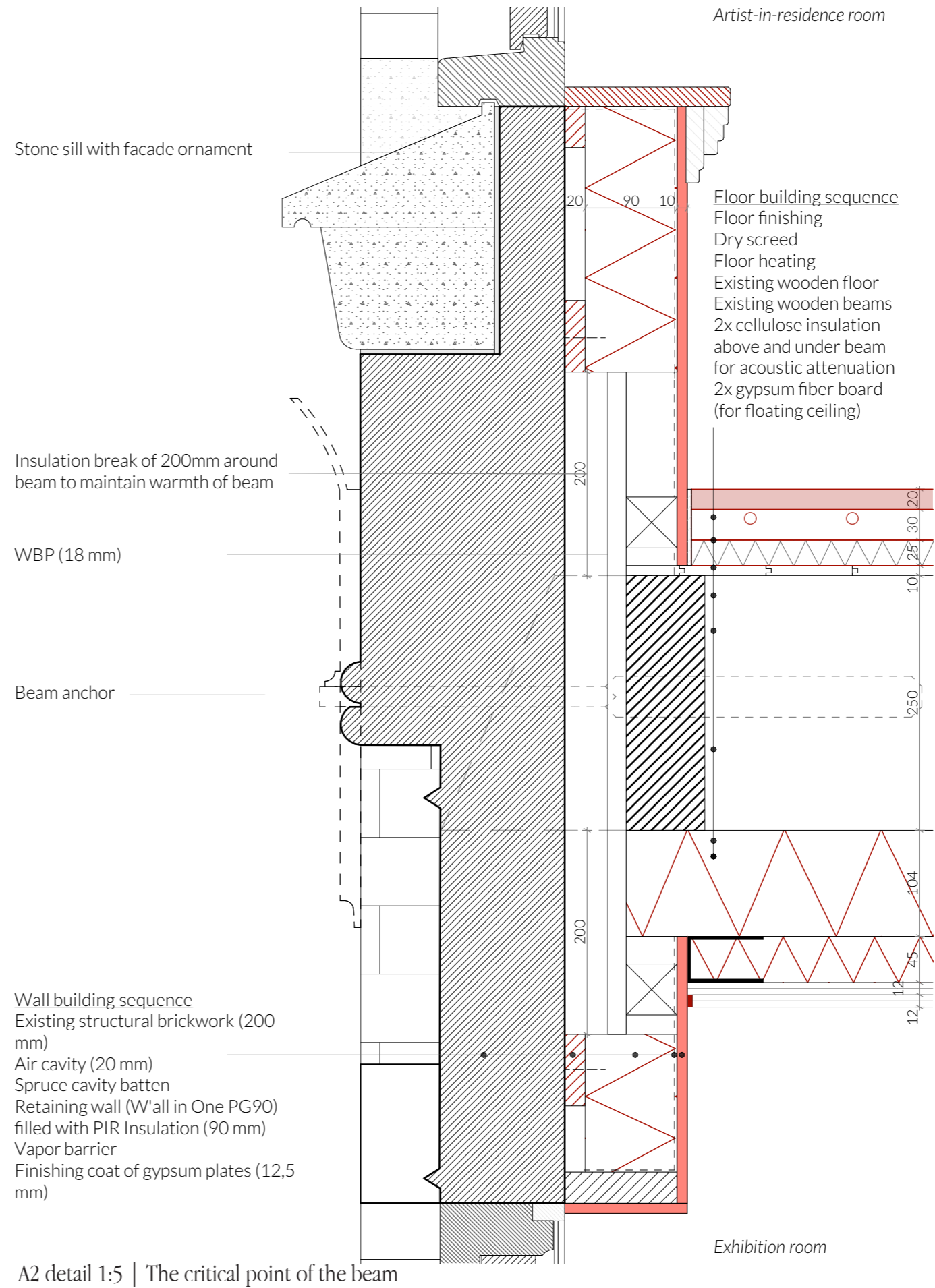
Horizontal detail 1:5

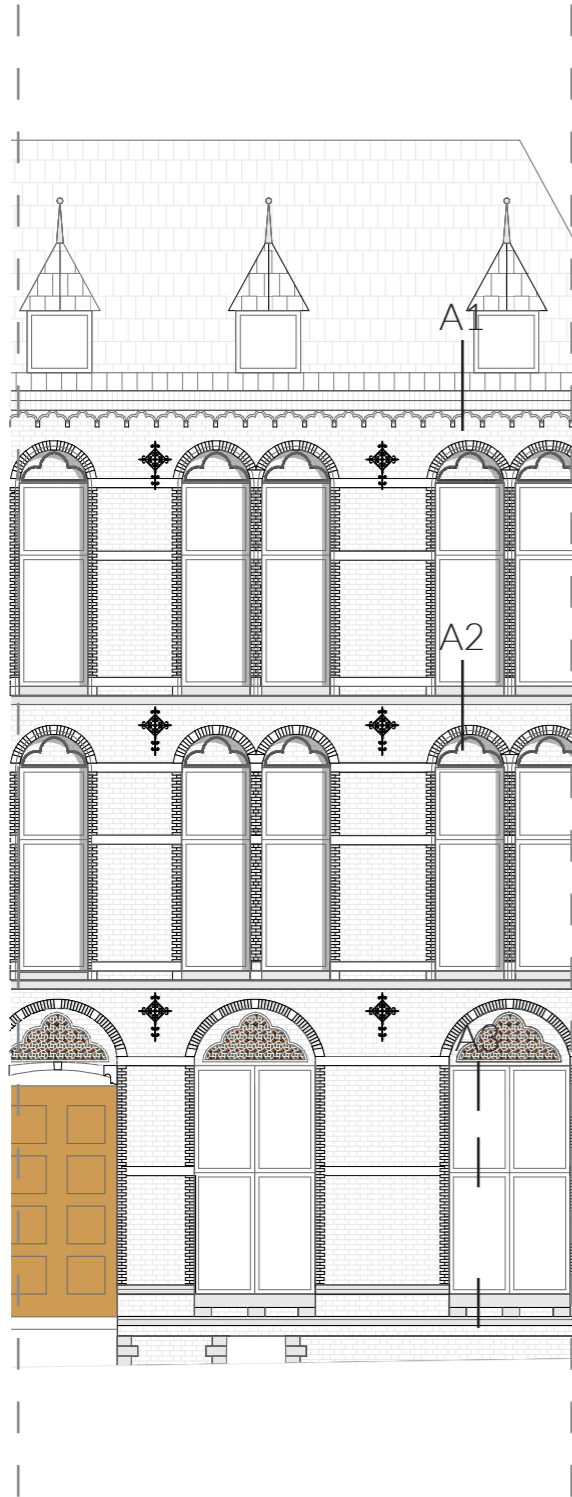




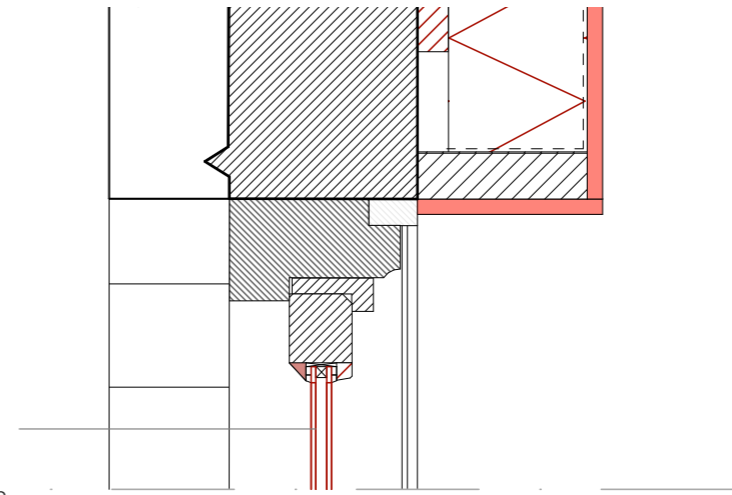


4. Material positioning

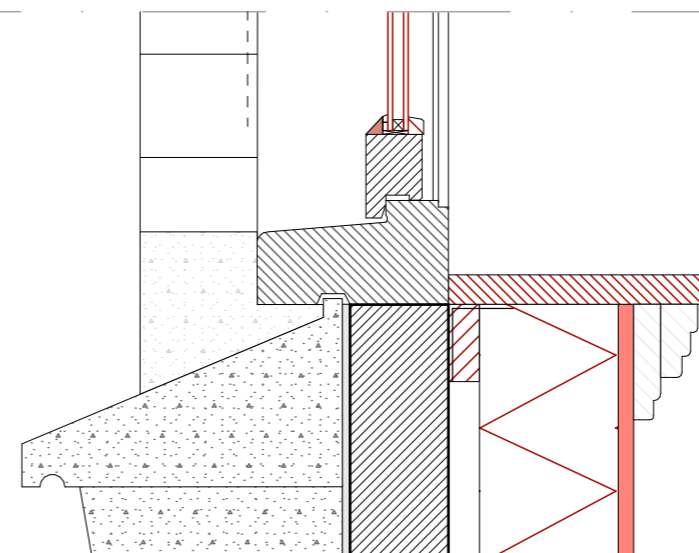
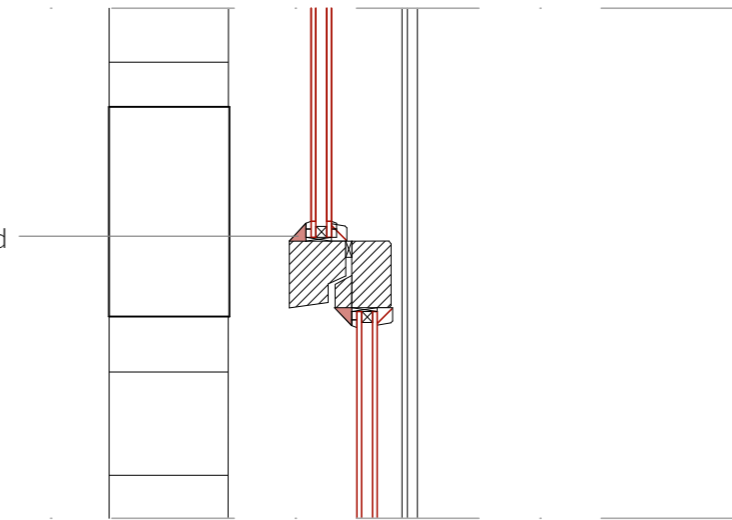


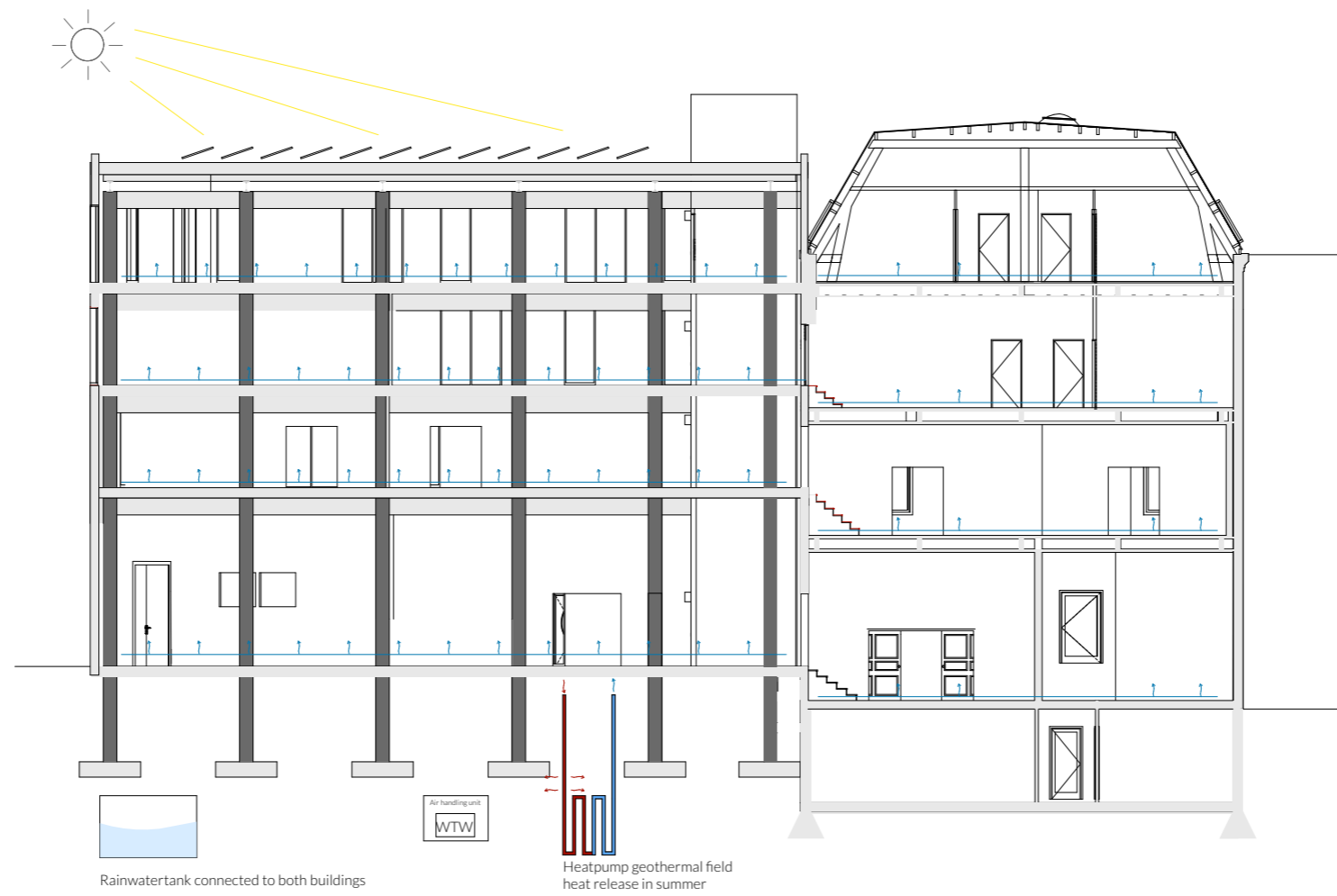


Replacement of single glazed windows to double glazed monument glass; air cavity filled with Krypton gas to reach high insulation worth)



Monustop for closing crack seals and tamping windows in glass rebates







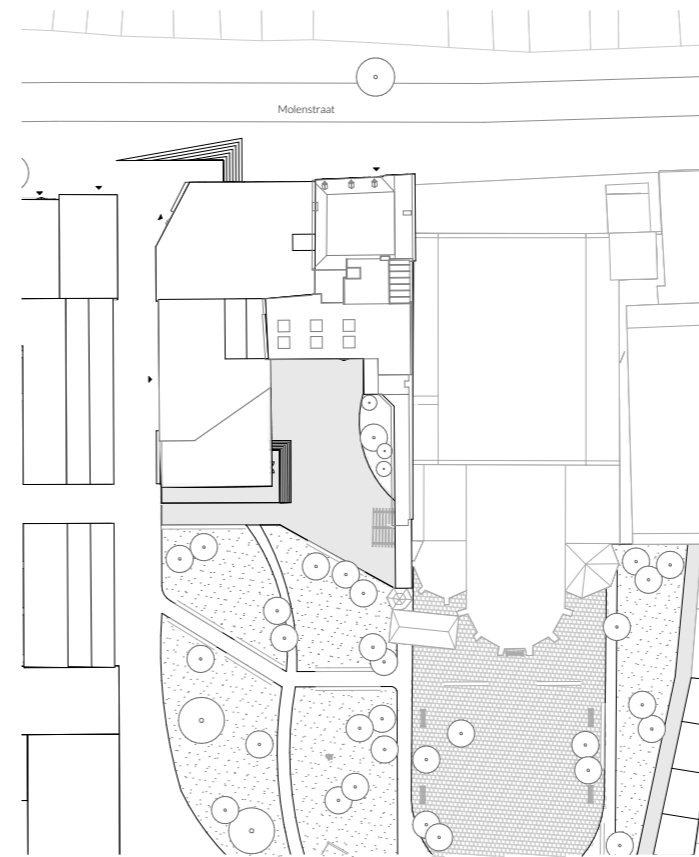
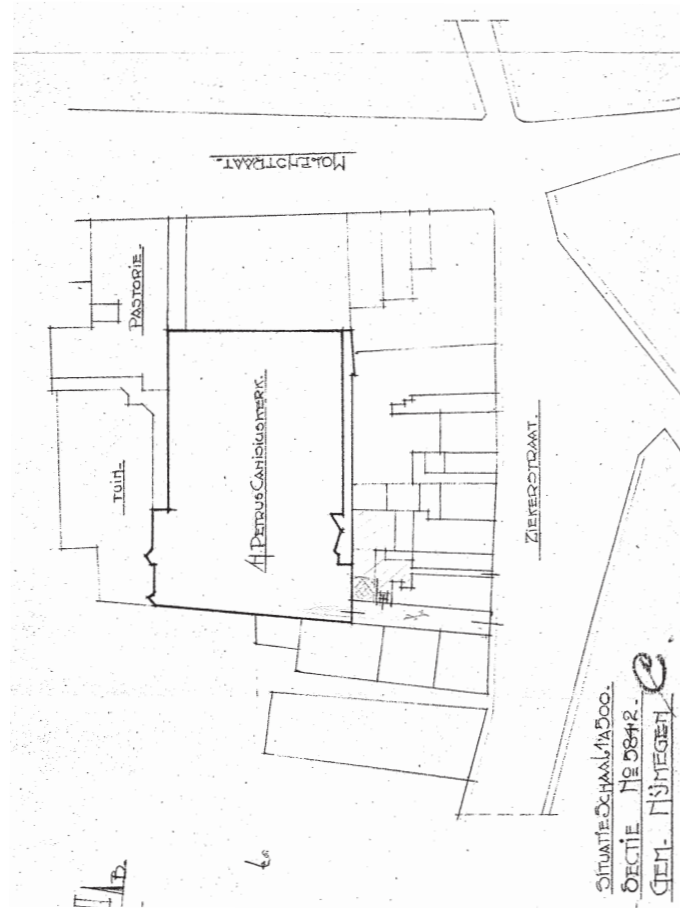


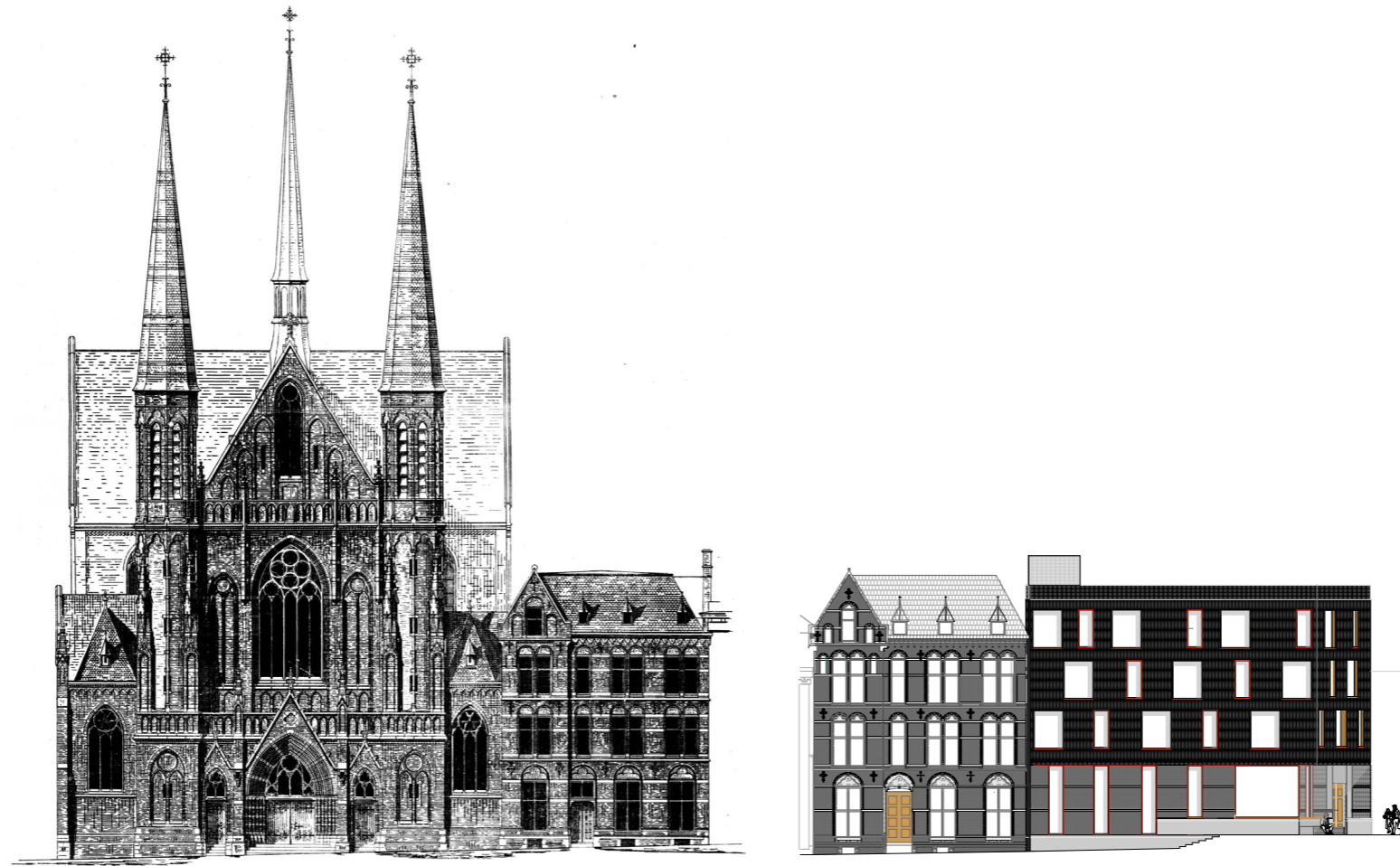






## **05 / Conclusion**









Inhabitants of Guesthouse (1953)



Workshop visitors at art gallery (2030)





**Thank you!**

