INTERWOVEN

rethinking work-live relations in a post-industrial neighbourhood

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Graduation presentation / P5

Urban Architecture studio

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Faculty of Architecture TU Delft

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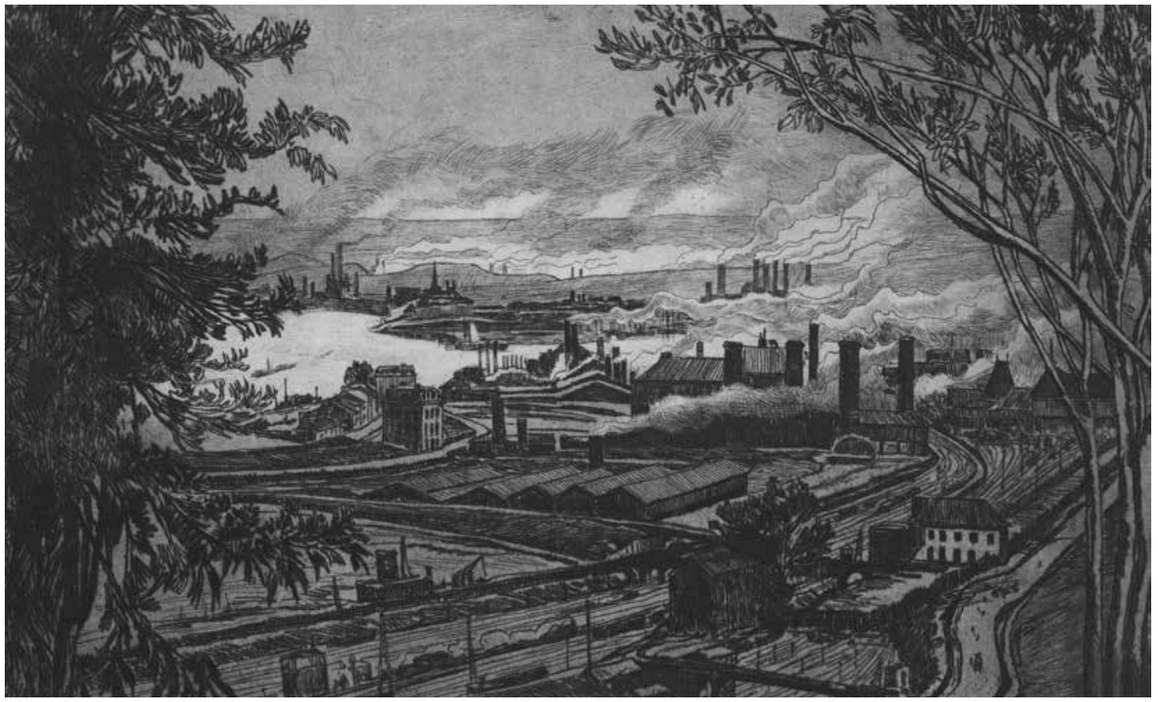
Rosie van der Schans

weaving

the act of making something by combining different parts, in a complicated or skilled way

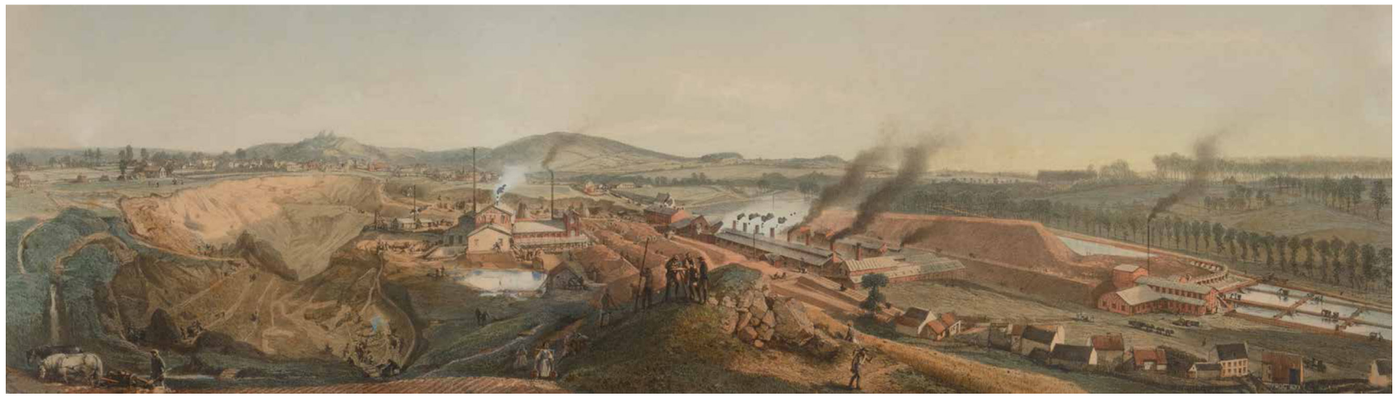
exploring Liège and Bressoux

Liège, Belgium



mining and steel making industries

Liège, Belgium



production moved to low-wage countries

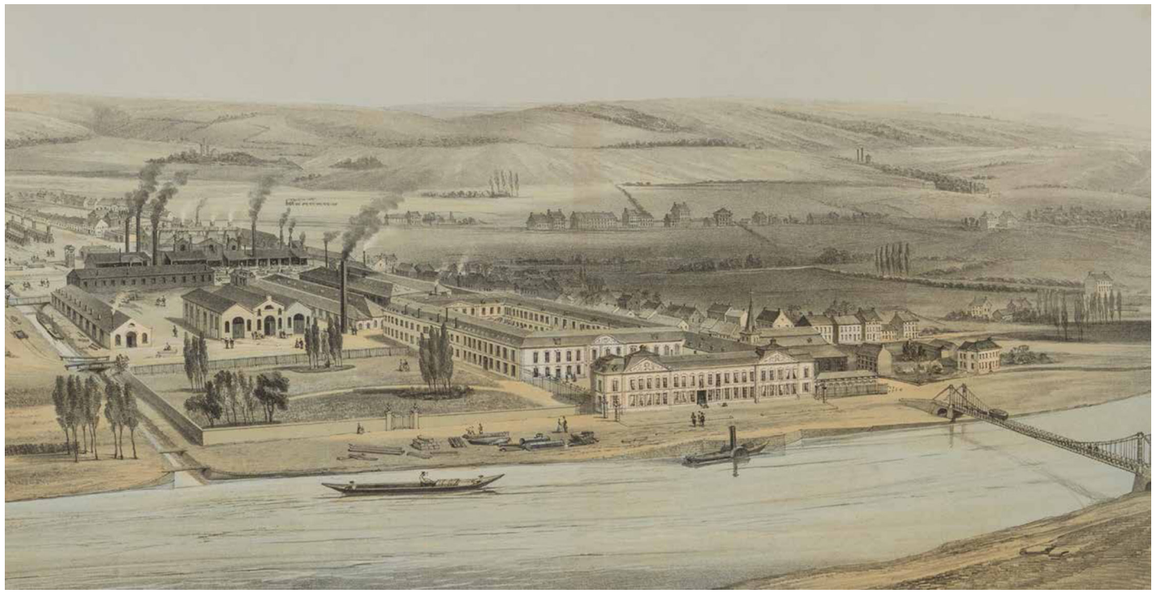
Liège, Belgium

place for consumption without production

Liège, Belgium

post-industrial city: high unemployment rate

Liège, Belgium

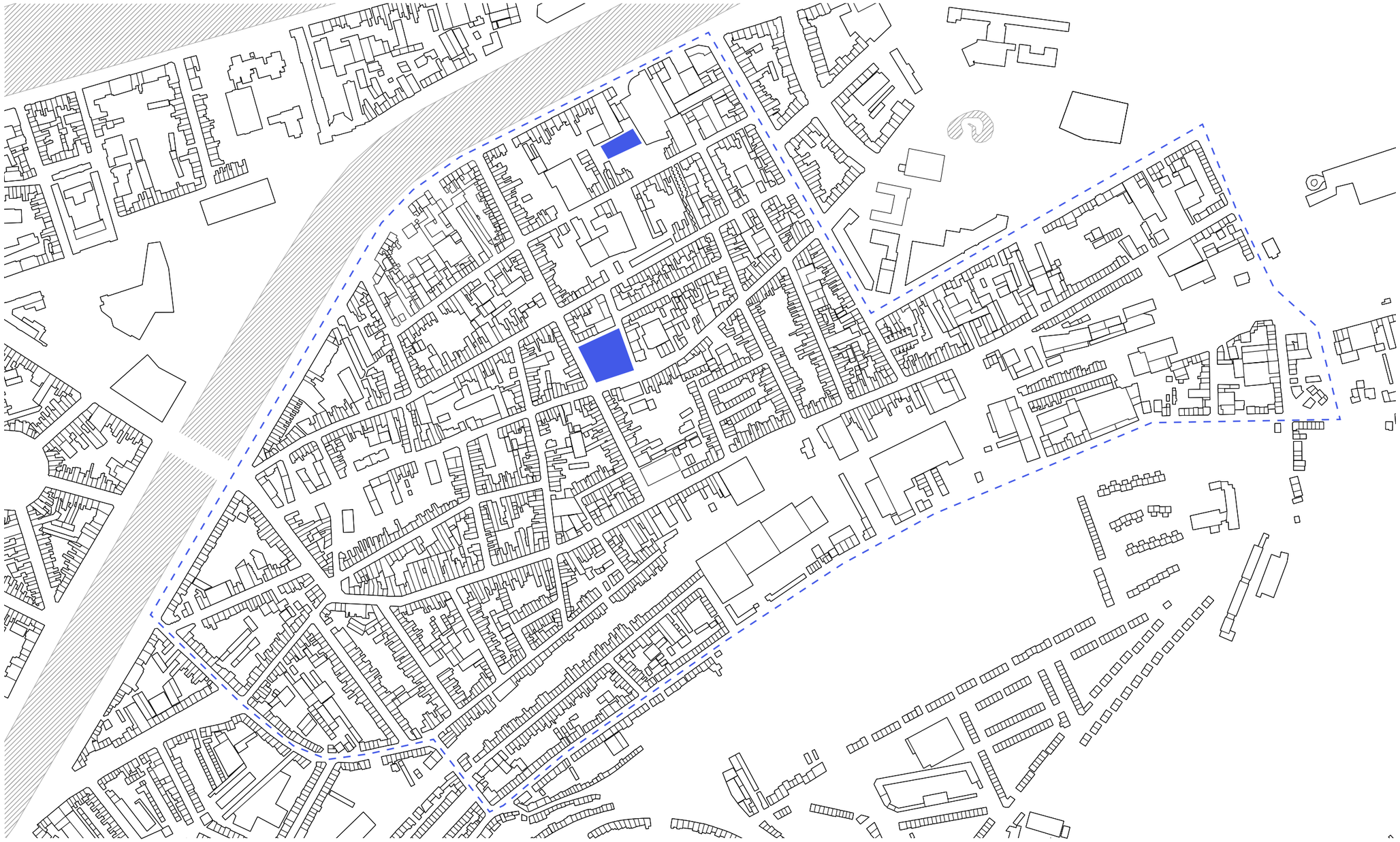


socio-economic problems

Bressoux, Liège

HIPRO

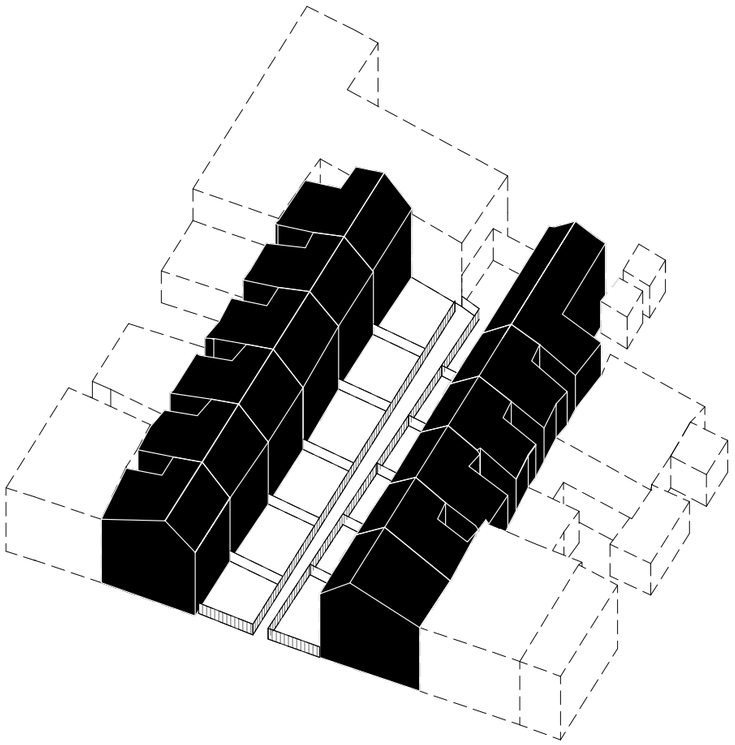
public space

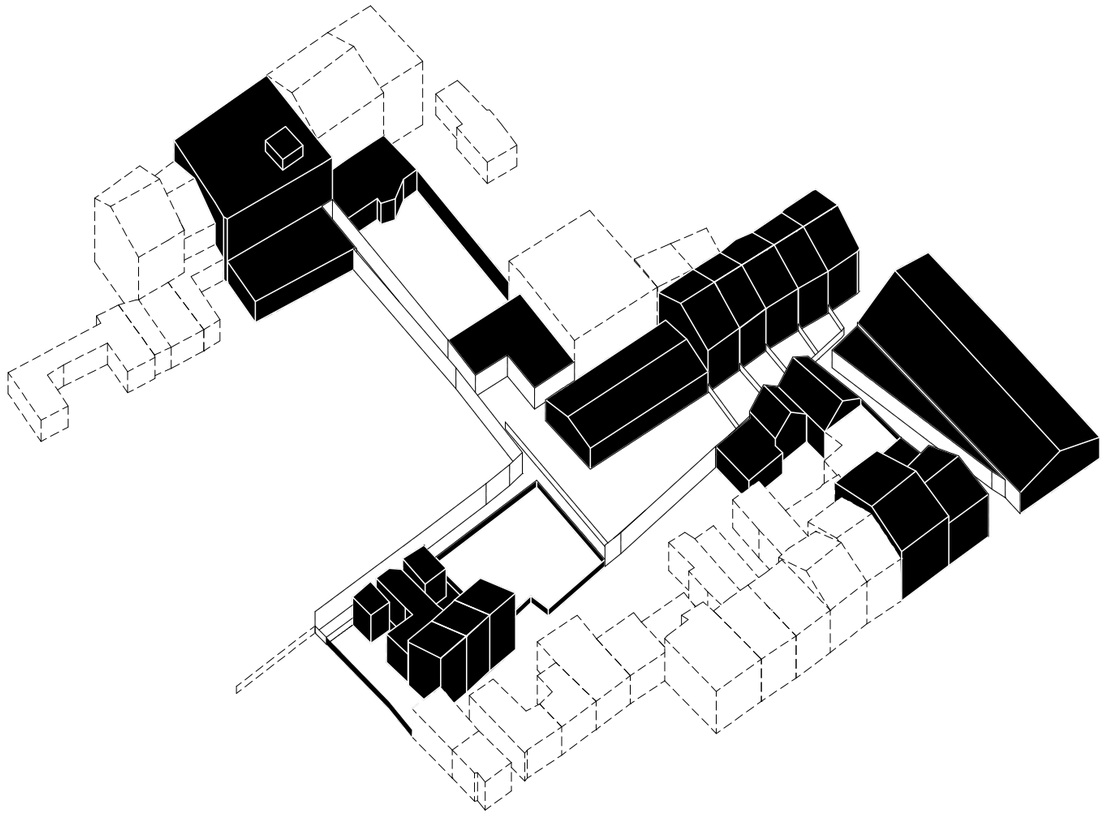


closed off facades

closed off facades

harsh boundary between public and private?





gradual transition between public and private

sidewalk

front door

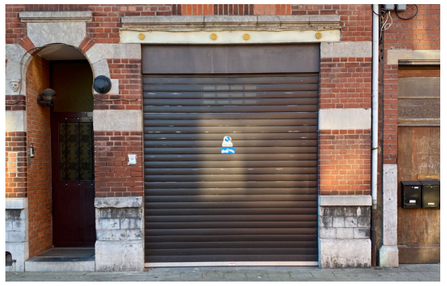
sidewalk

alley

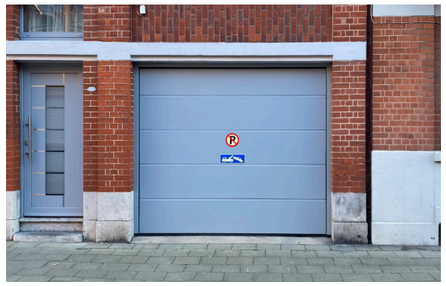
front yard

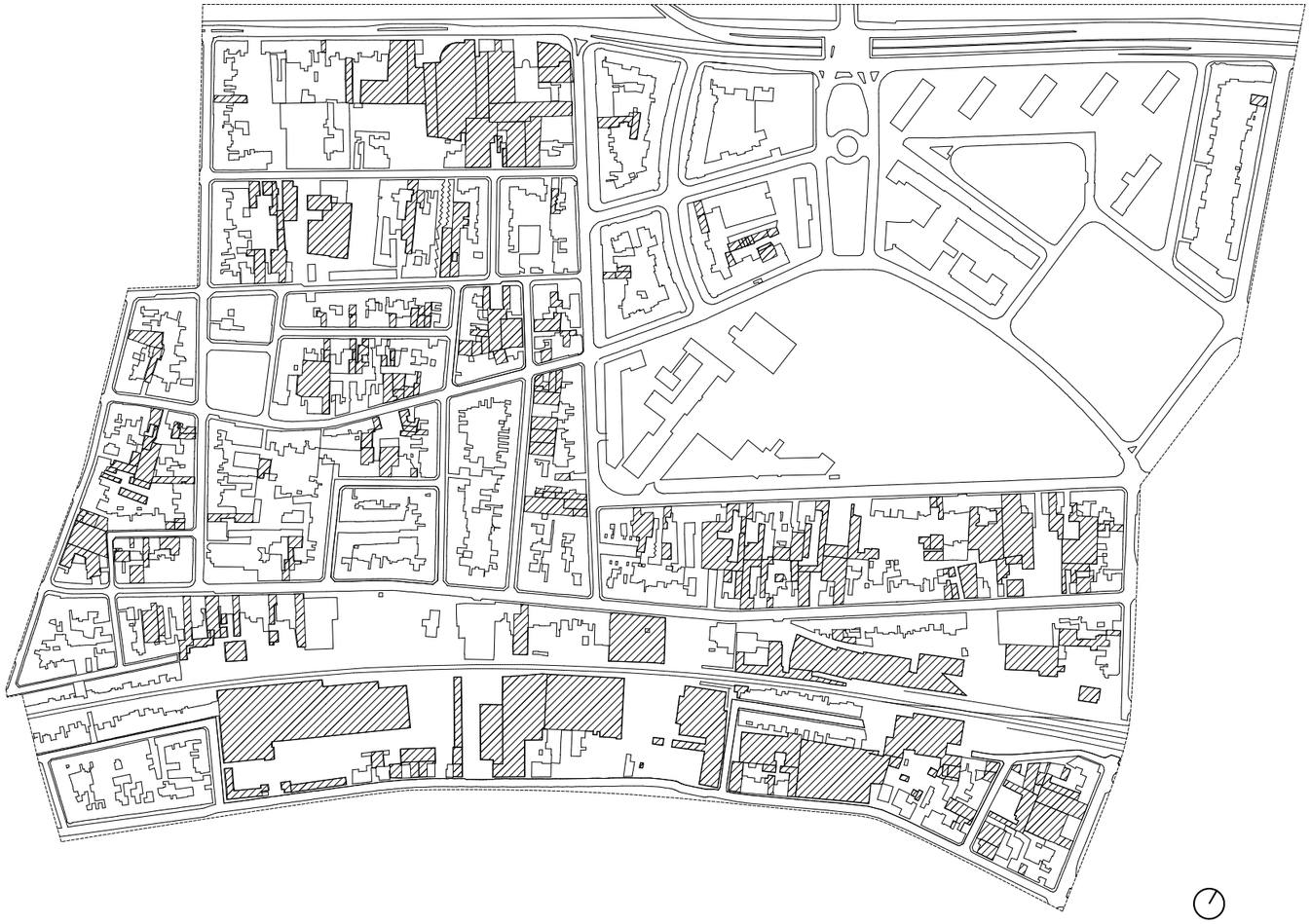
front door

garage doors



garage doors





potential to be functioning as small-scale industries and making enterprises which could be an enrichment of the neighbourhood

bring production back into the city

bring production back into the city

job opportunities for producers and makers

job opportunities for producers and makers

empower financial and social position of the city

empower financial and social position of the city

but how?

Cappucino £1.50
Tea £1
Water - FREE
- CURIOSITY COLA £2
- MANDARIN AND SEVILLE ORANGE JUICE £2
- GINGER BEER £2
Butternut Squash & Sweet Potato Soup £3.50
Almond cake £1
BREAD
- GOLDEN LINSEED RYE SOURDOUGH

but how?

neighbourhood’s identity

neighbourhood's identity

knowledge on craftsmanship and skilled craftsmen

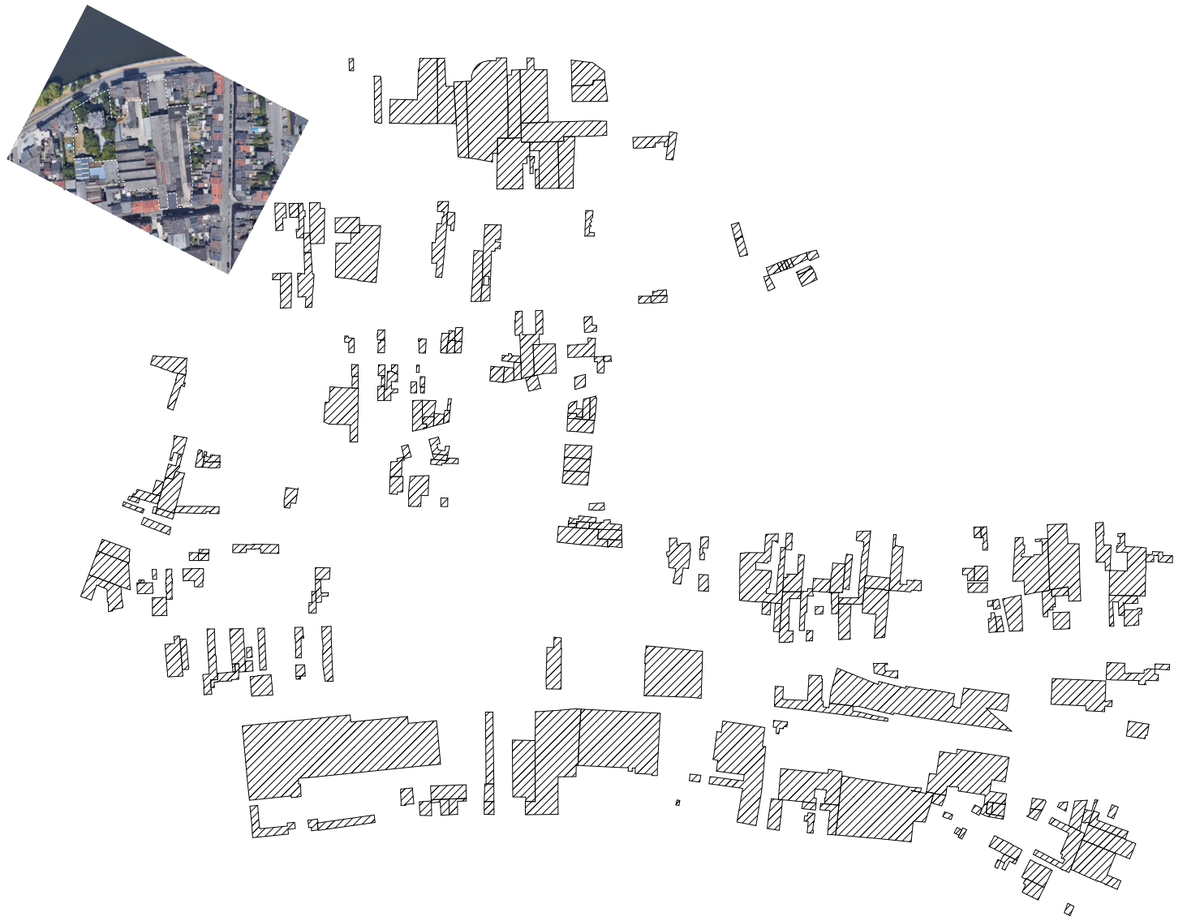
knowledge on craftsmanship and skilled craftsmen

exploring Liège and Bressoux

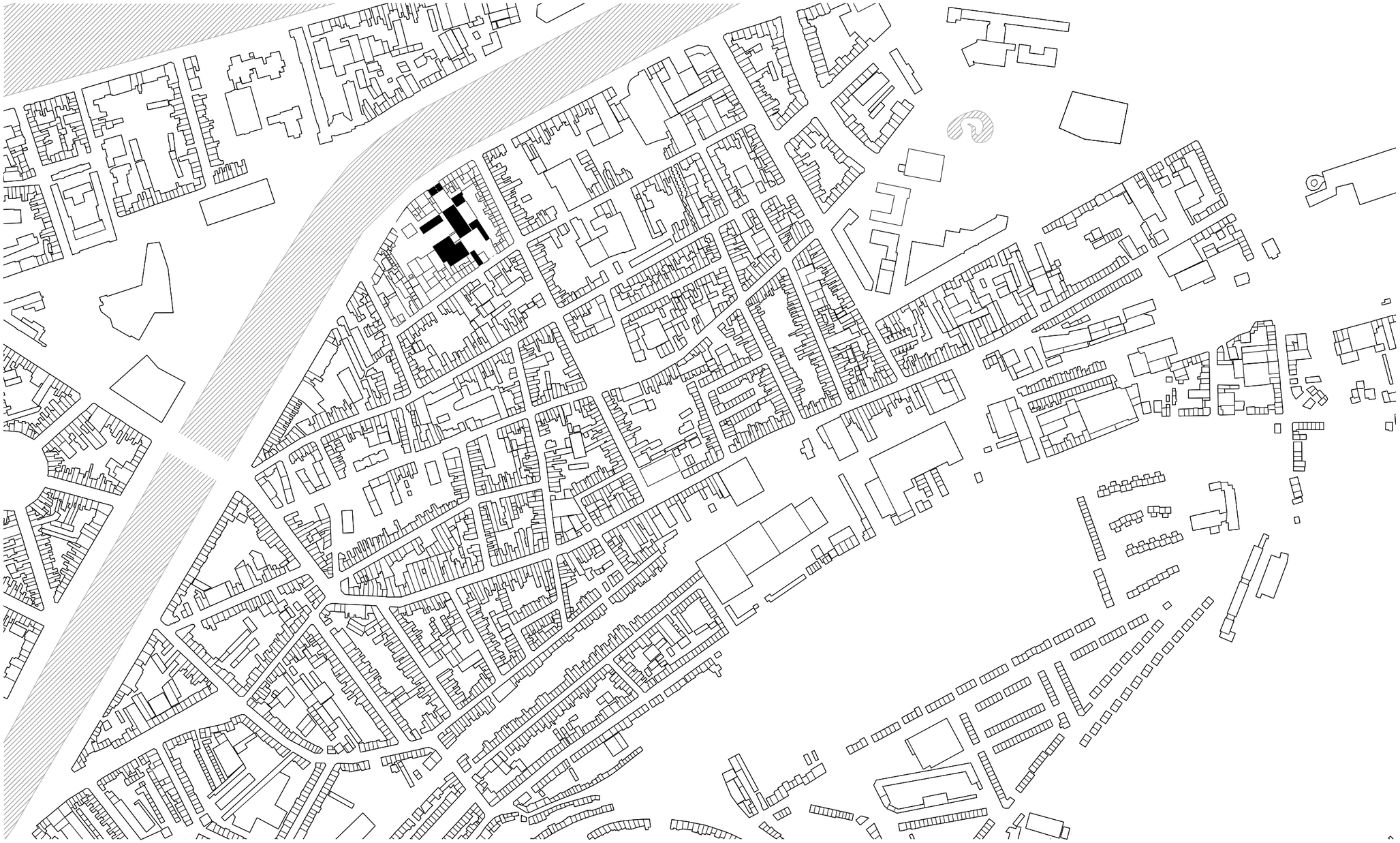
defining the brief

1. creating opportunities for people to (start) work (-ing)
2. public space where neighbours can meet
3. pleasant living environment with social housing where people open up instead of closing off
4. using the potential of the typology of this neighbourhood, the ‘elephant’

site



site

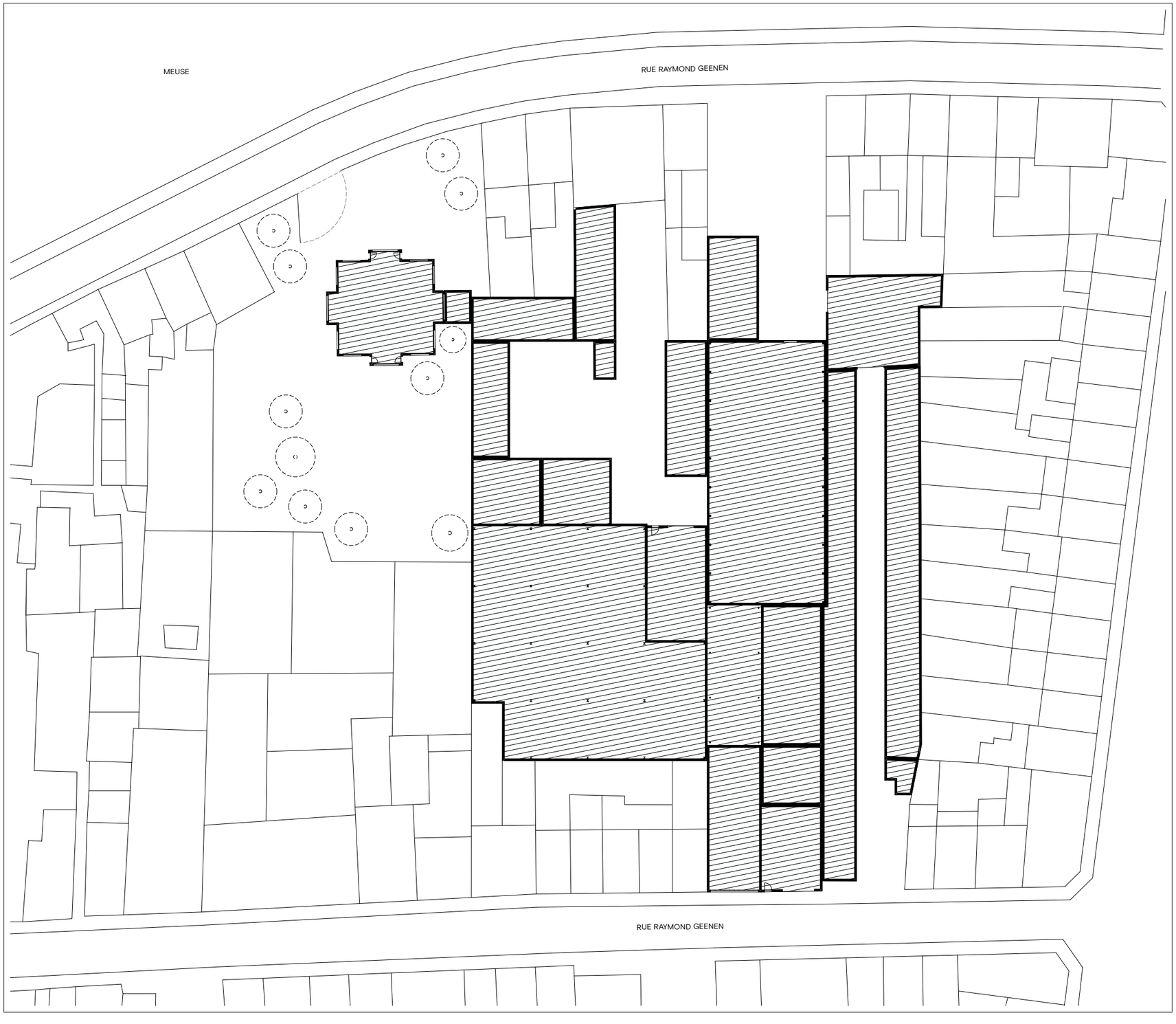


site

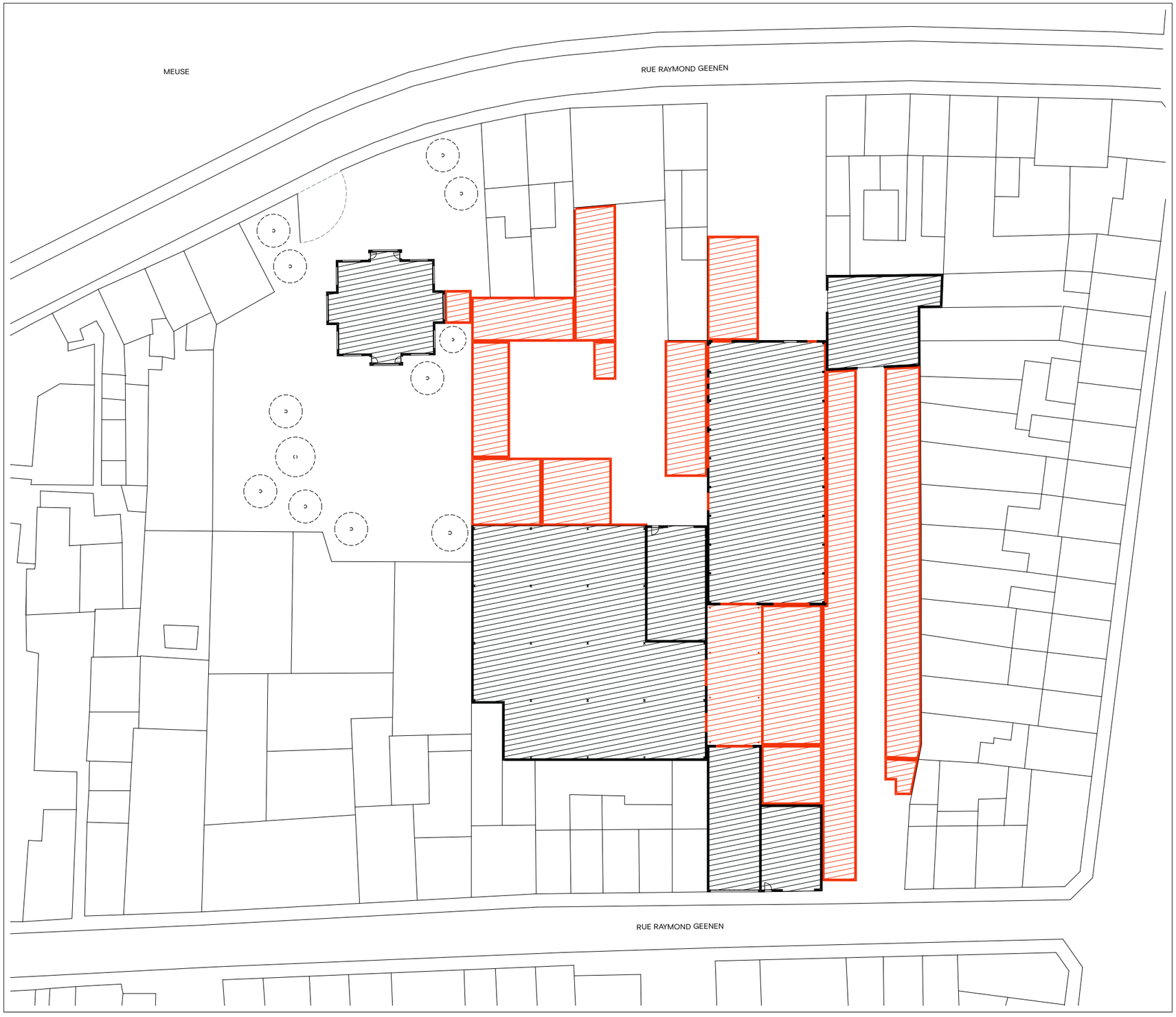
D&N SERVICE
D&N Car Wash

1-FXA-232

existing situation

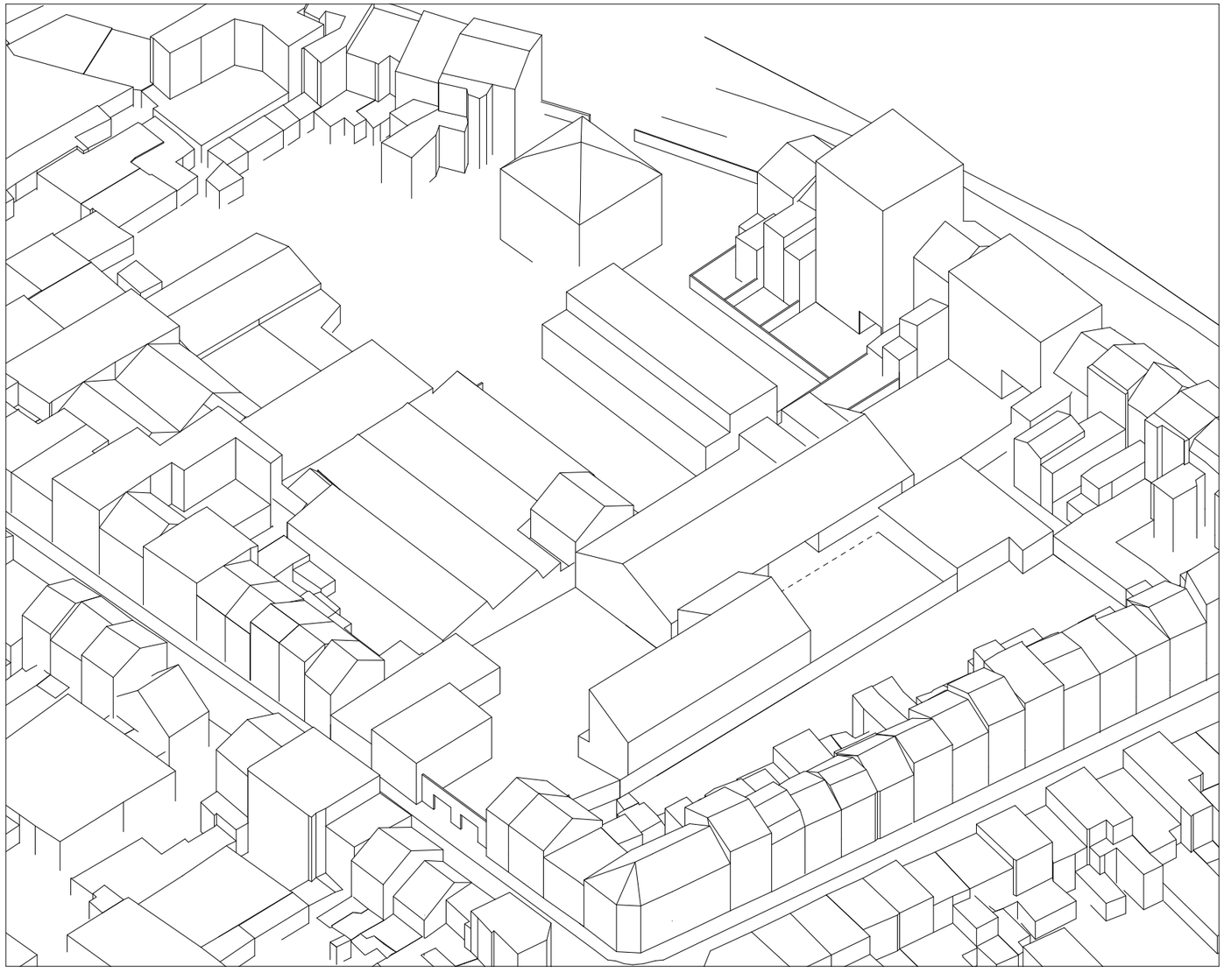


demolish

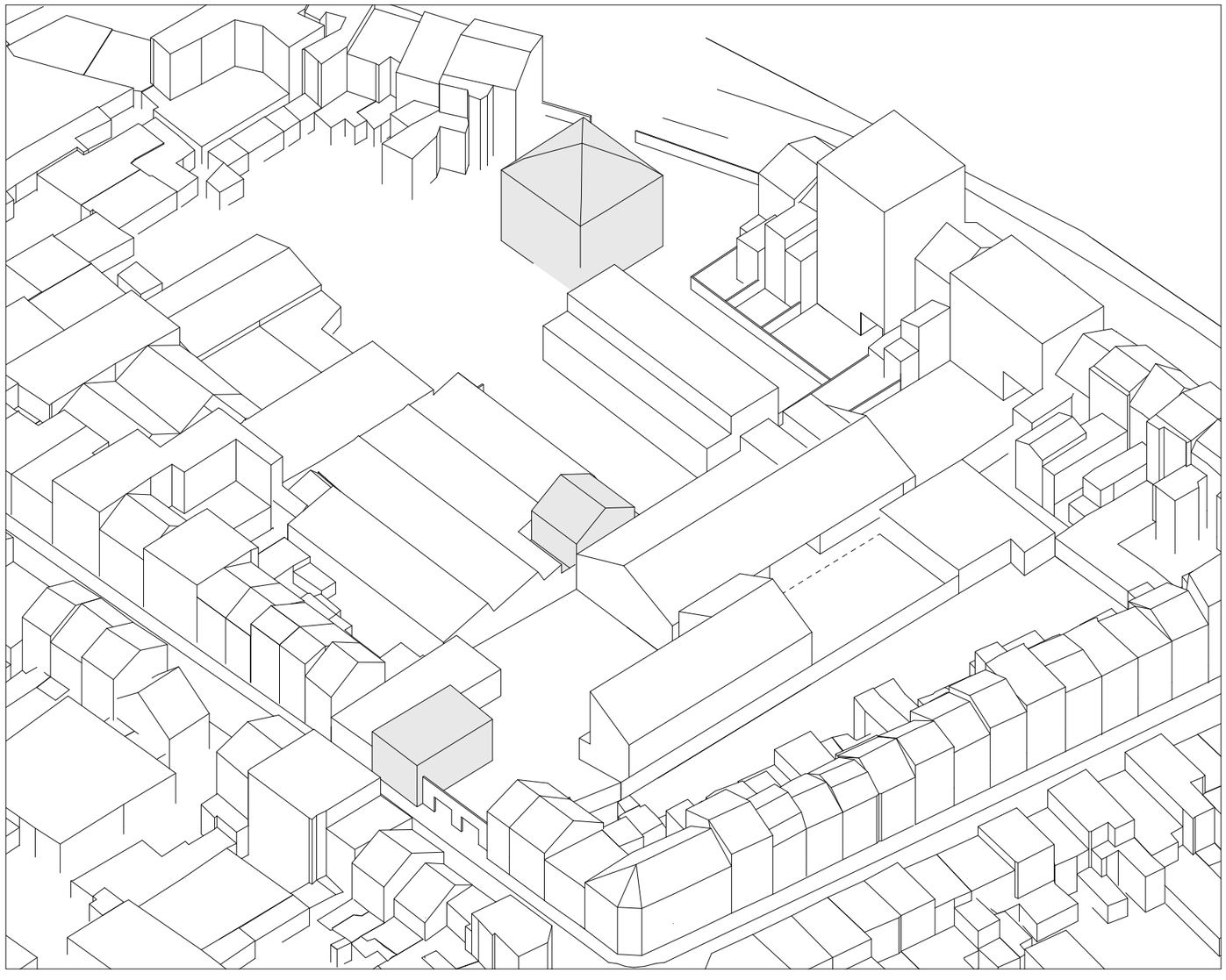


new

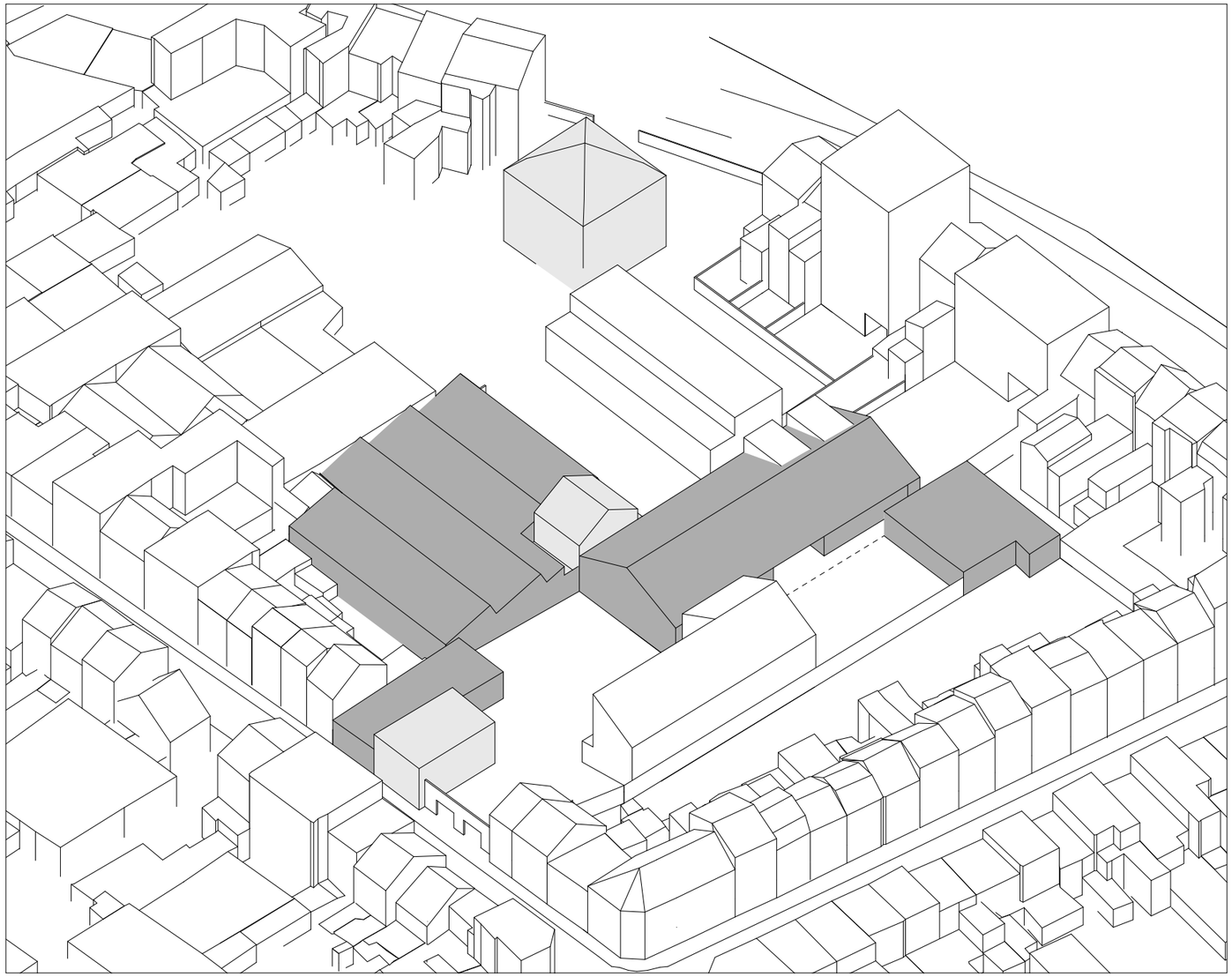
site



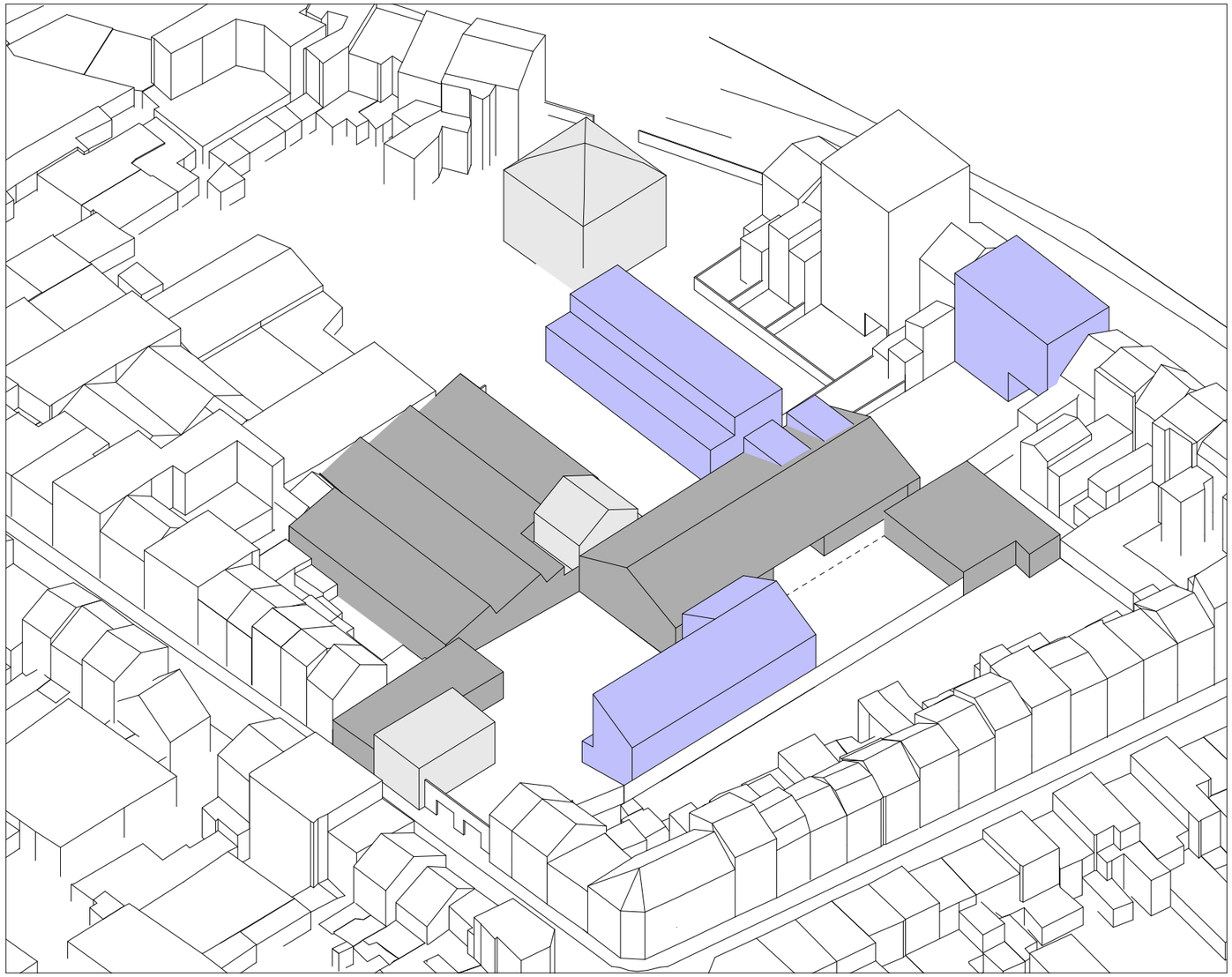
existing preserved



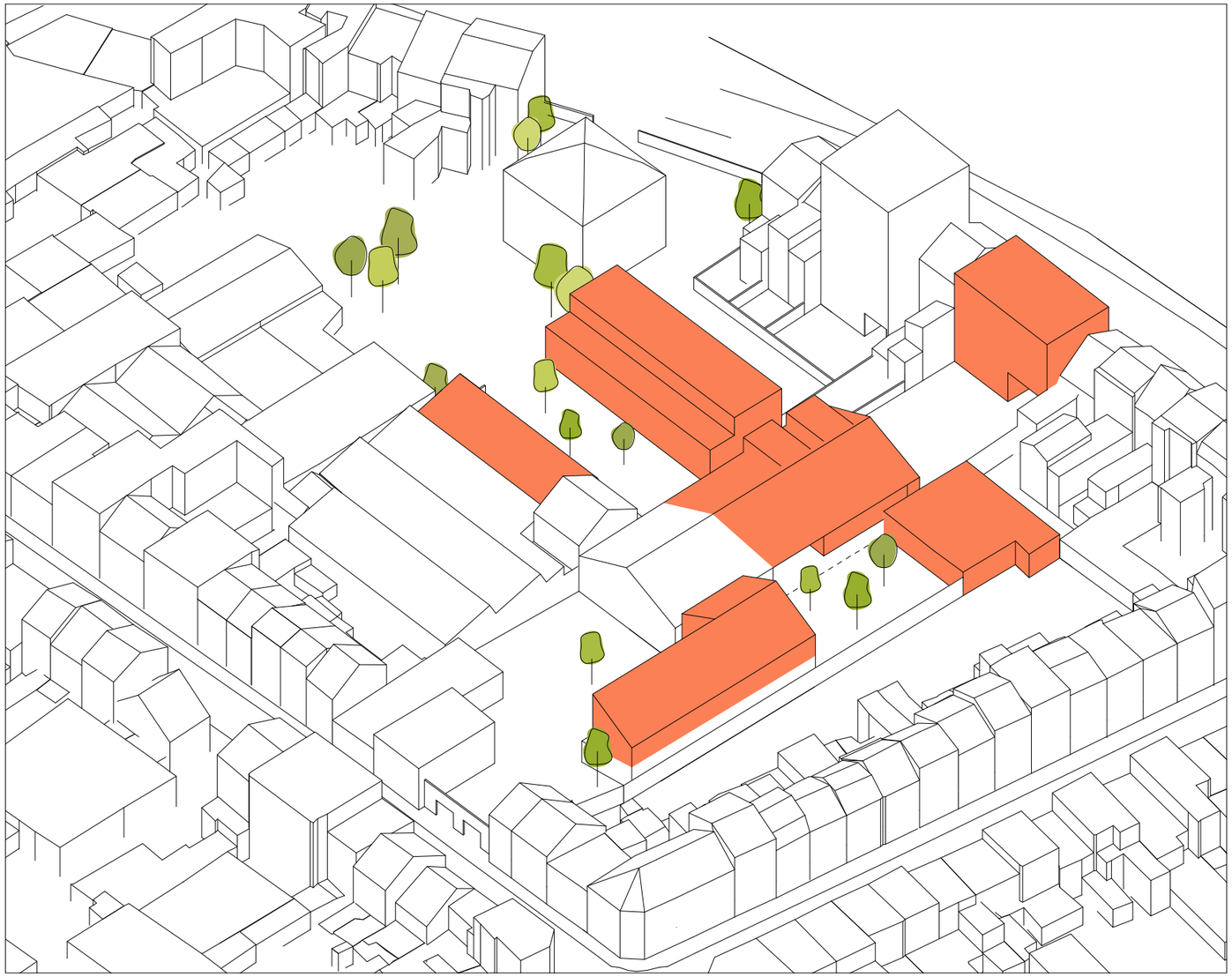
existing transformed

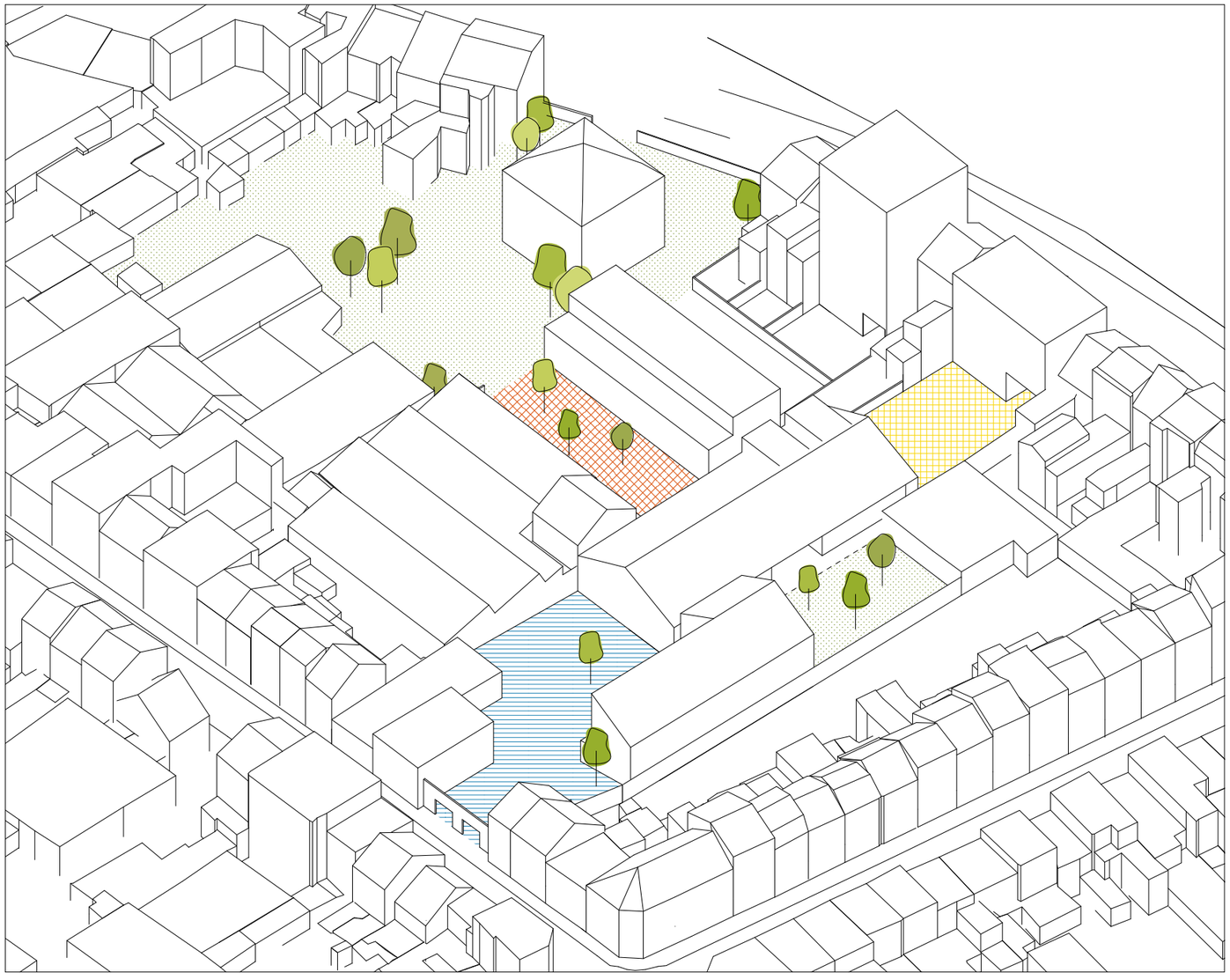


new volumes

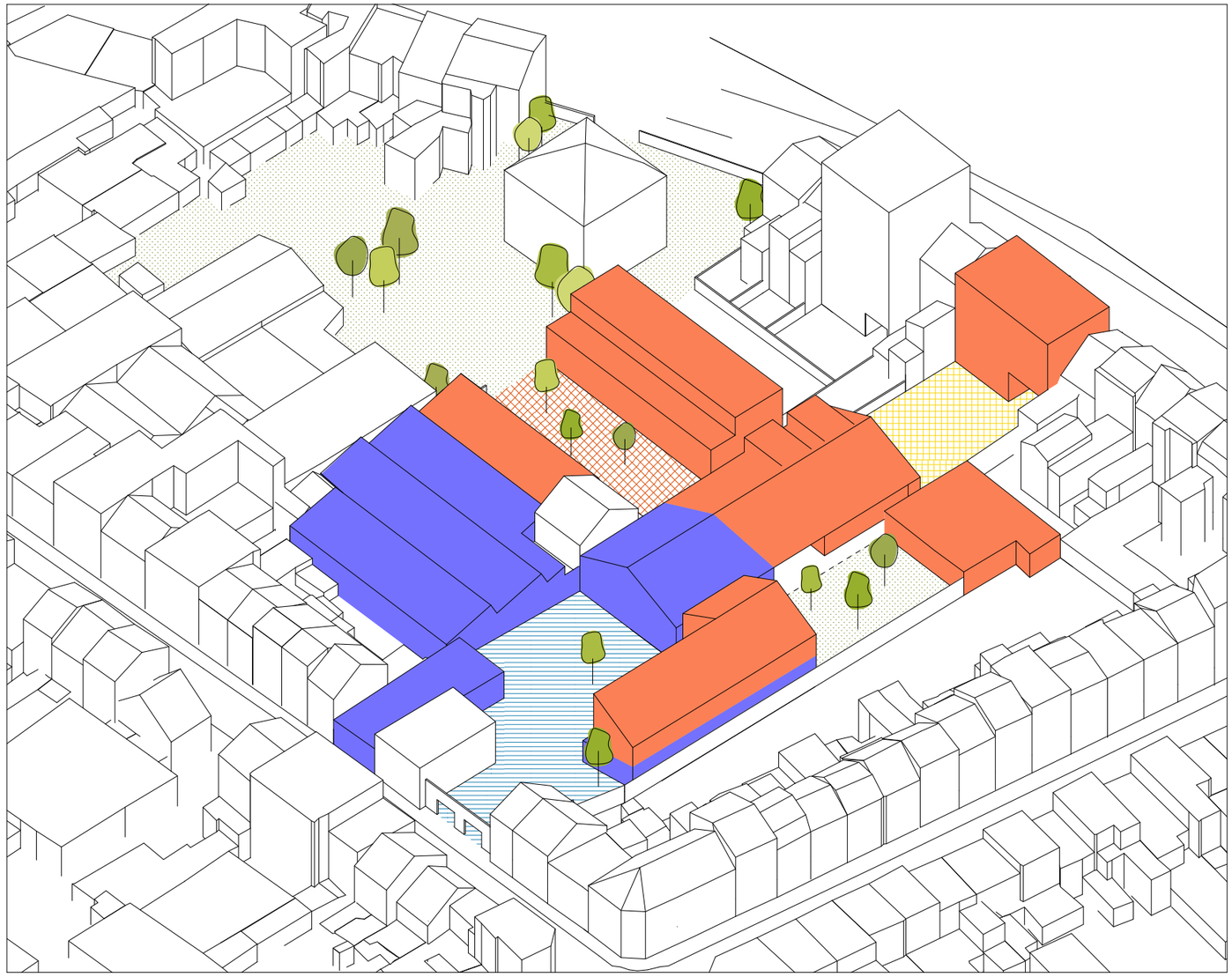


dwellings and shared facilities



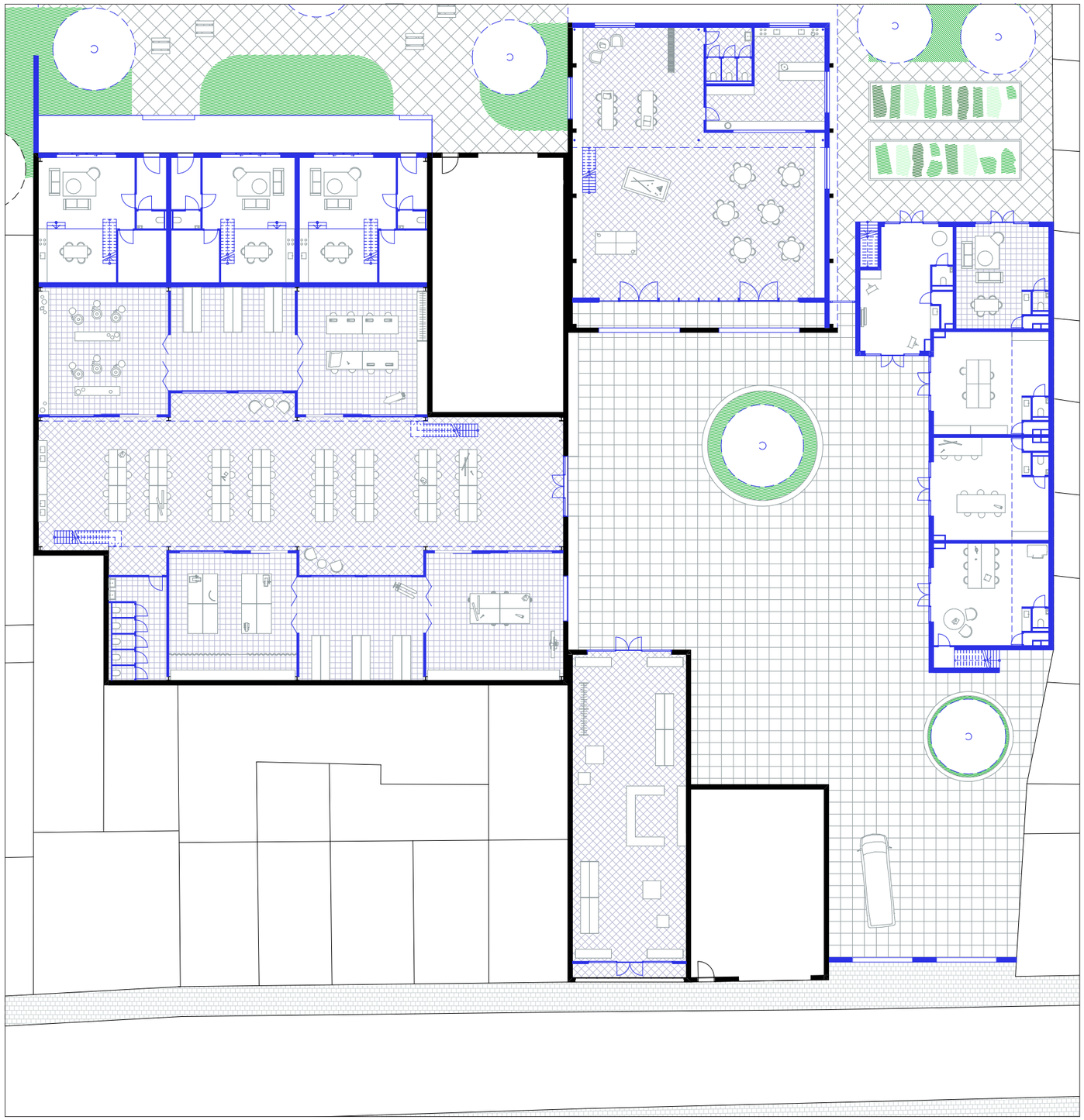


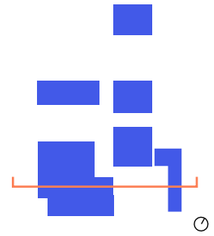
a block interwoven in a block

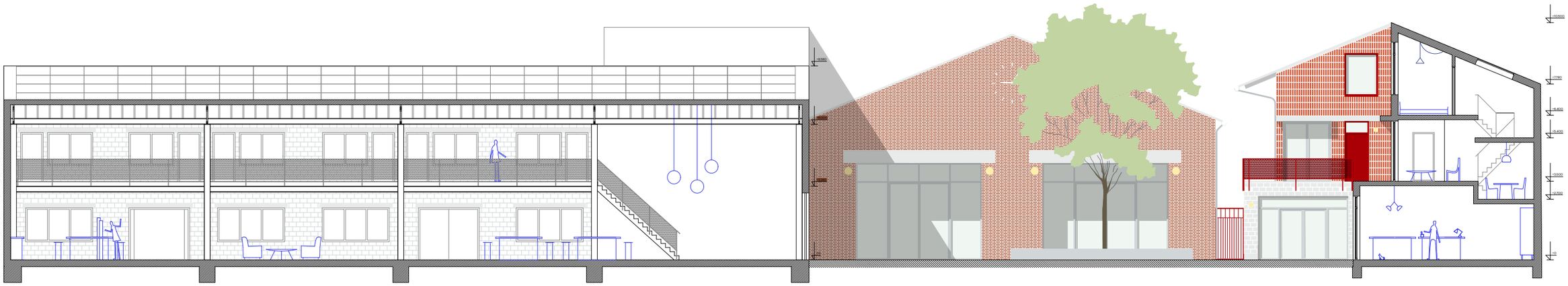


public - semi public - collective - private

site

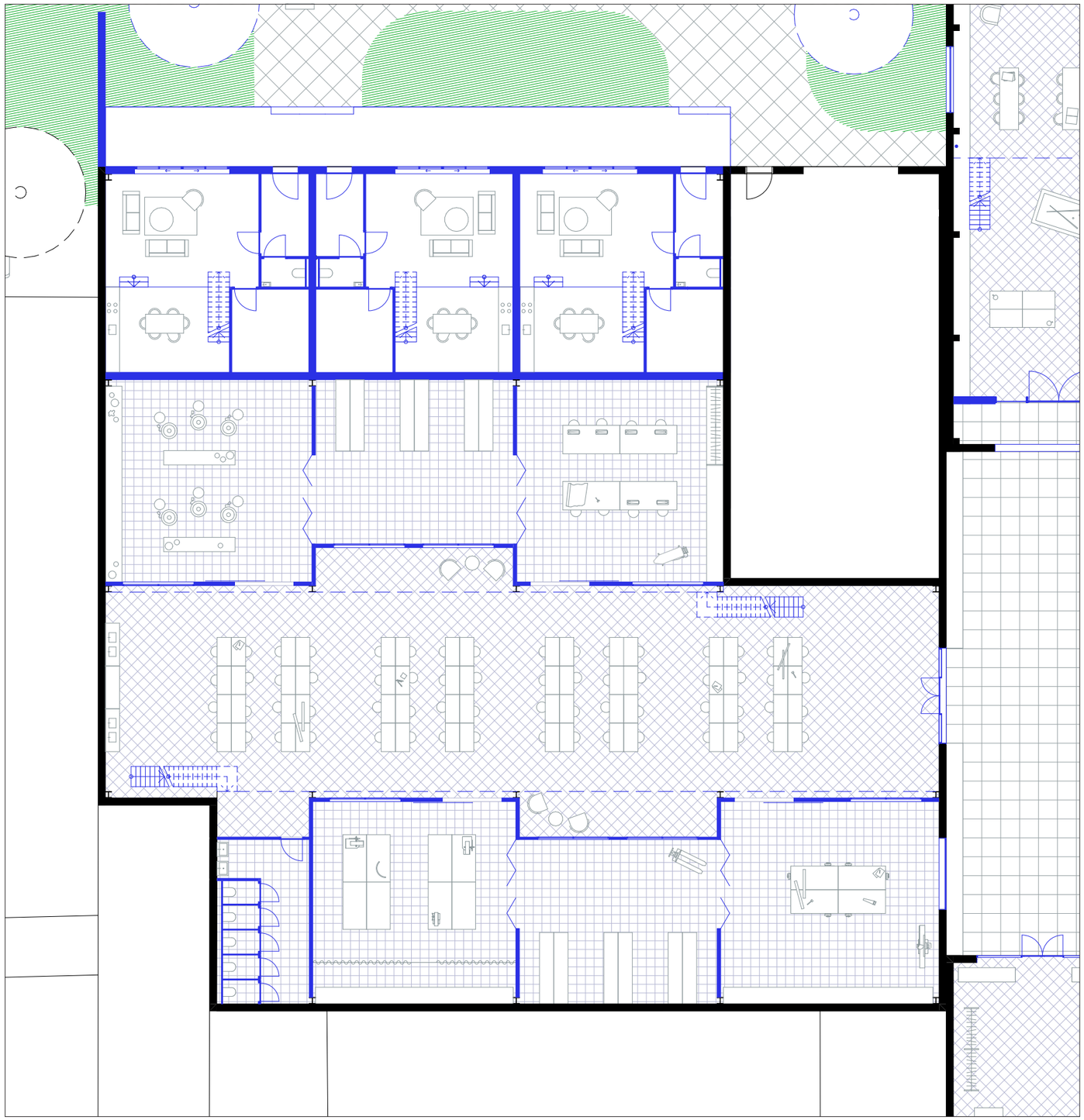





+8.580
+10.900
+7.780
+5.400
+5.400
+3.500
+2.700
+0

workshops

ground floor

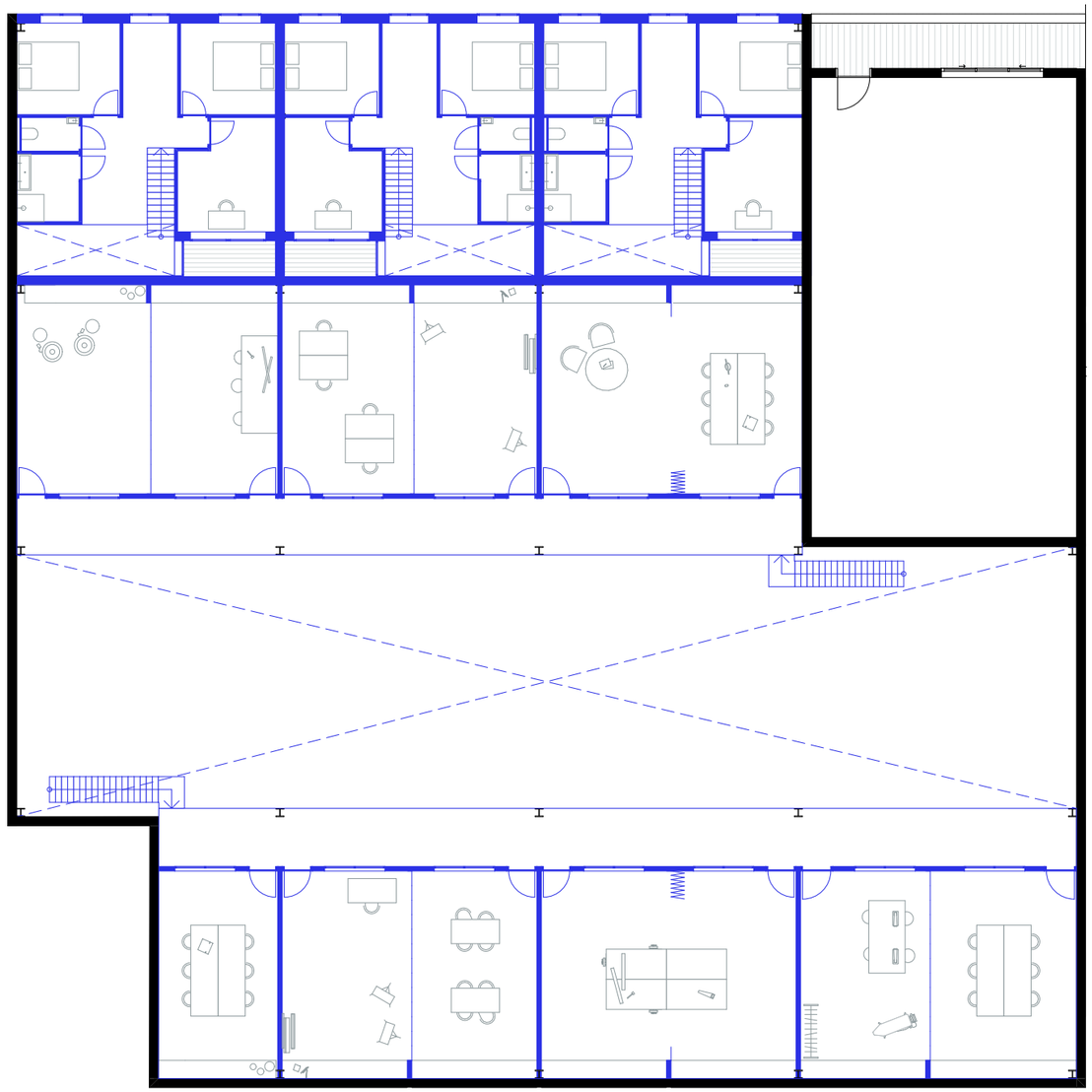


workshops

impression

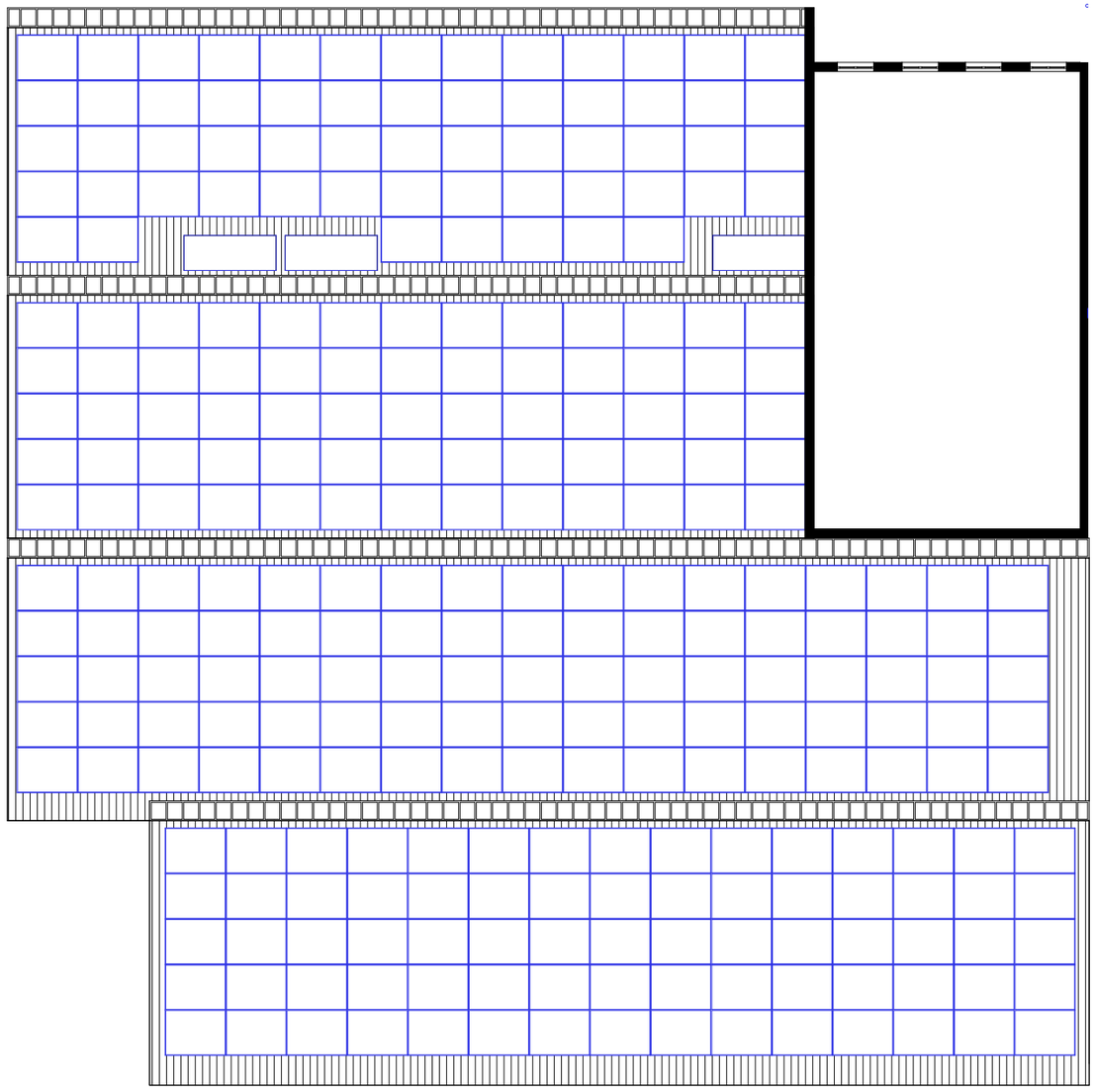
workshops

mezzanine



workshops

roof



square

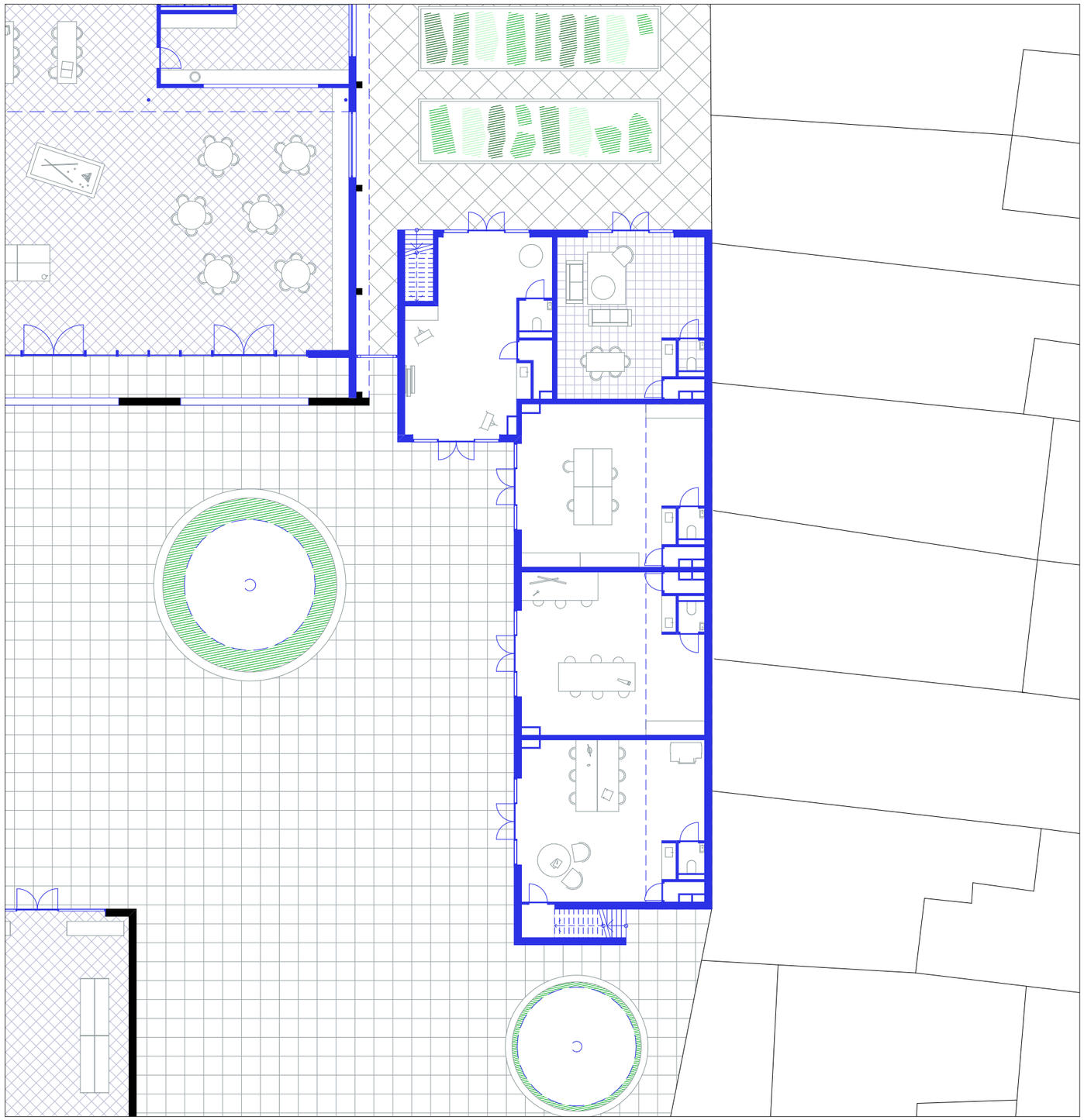
impression

private workshops and dwellings

section

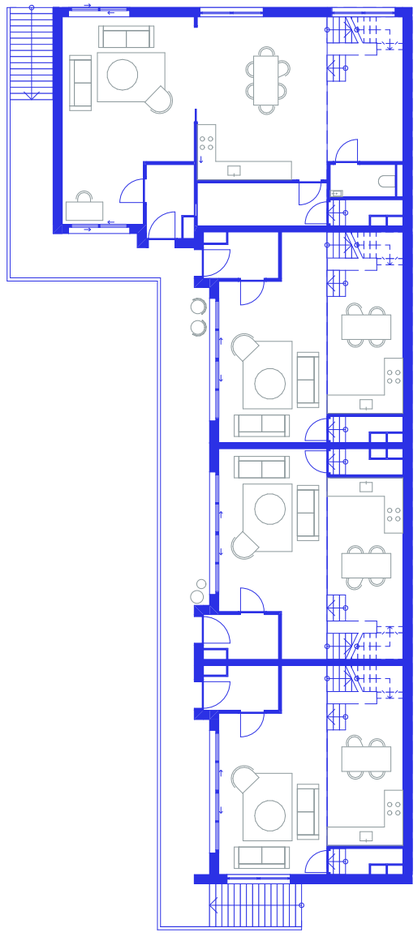
private workshops

ground floor



family dwellings

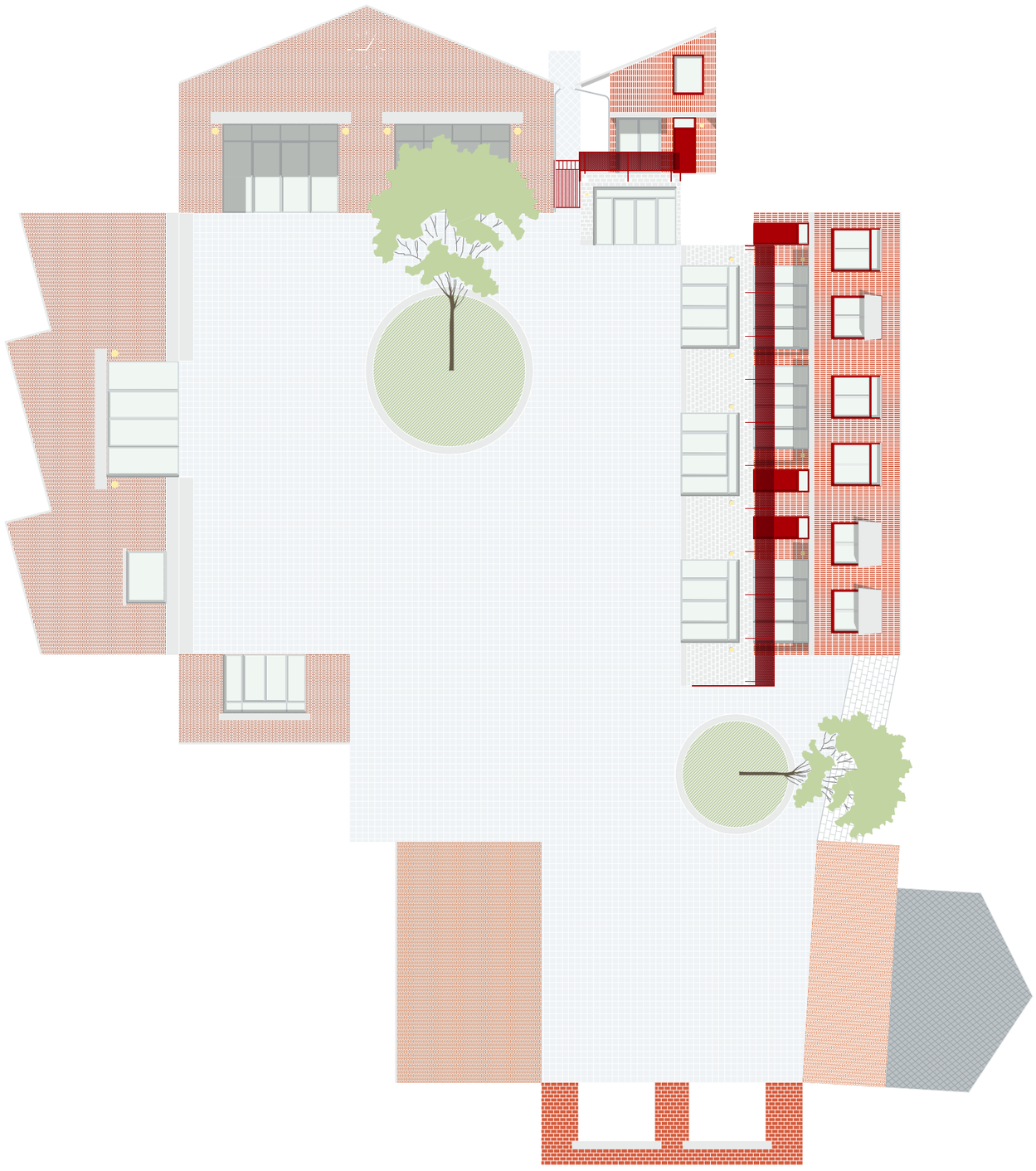
first floor

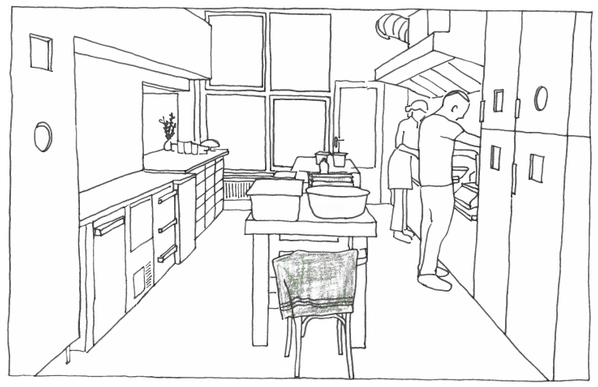


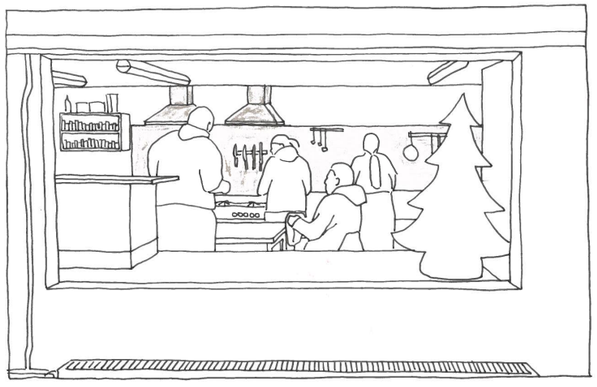
family dwellings

impression

square



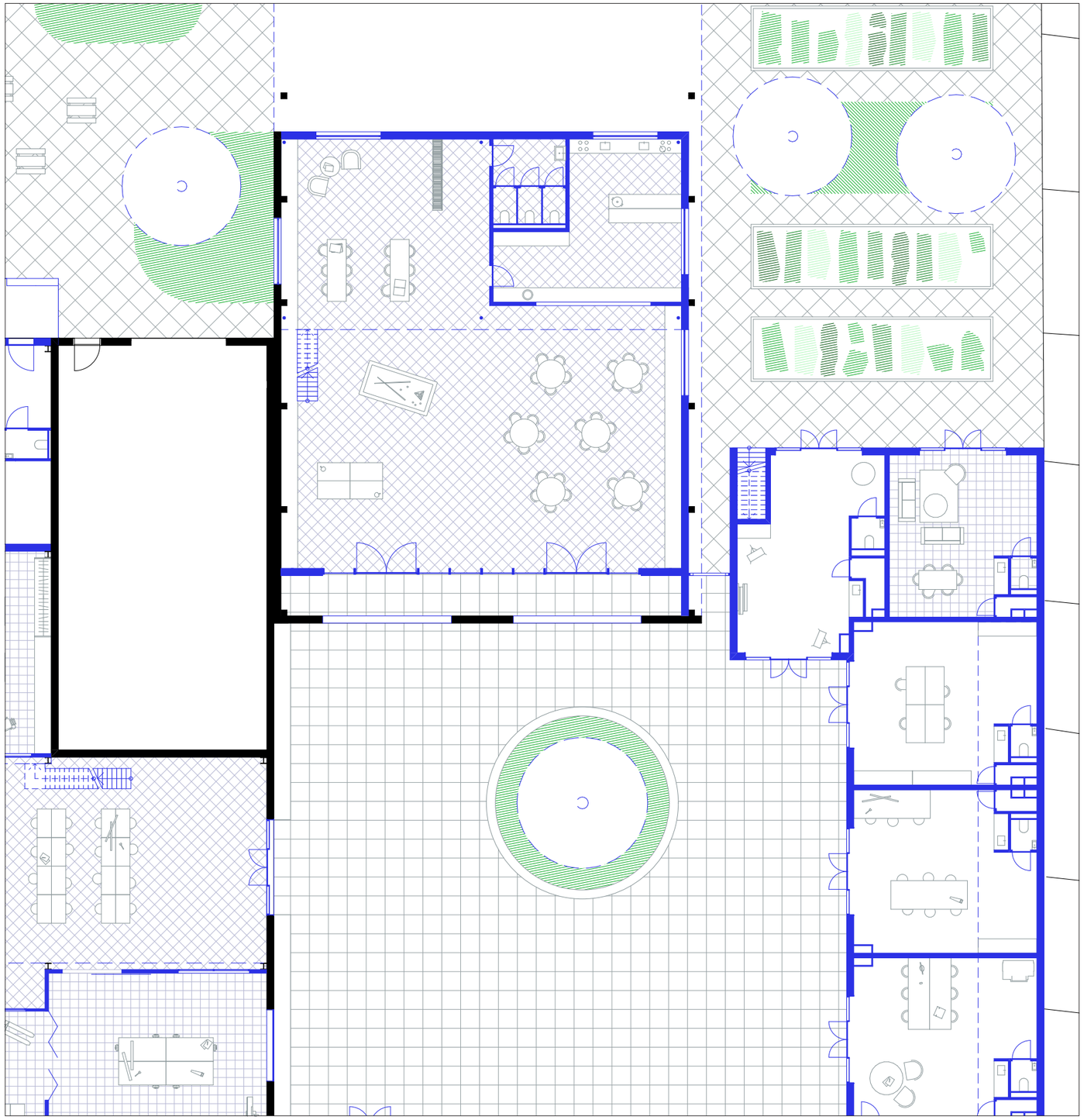




food brings people together

community house

ground floor

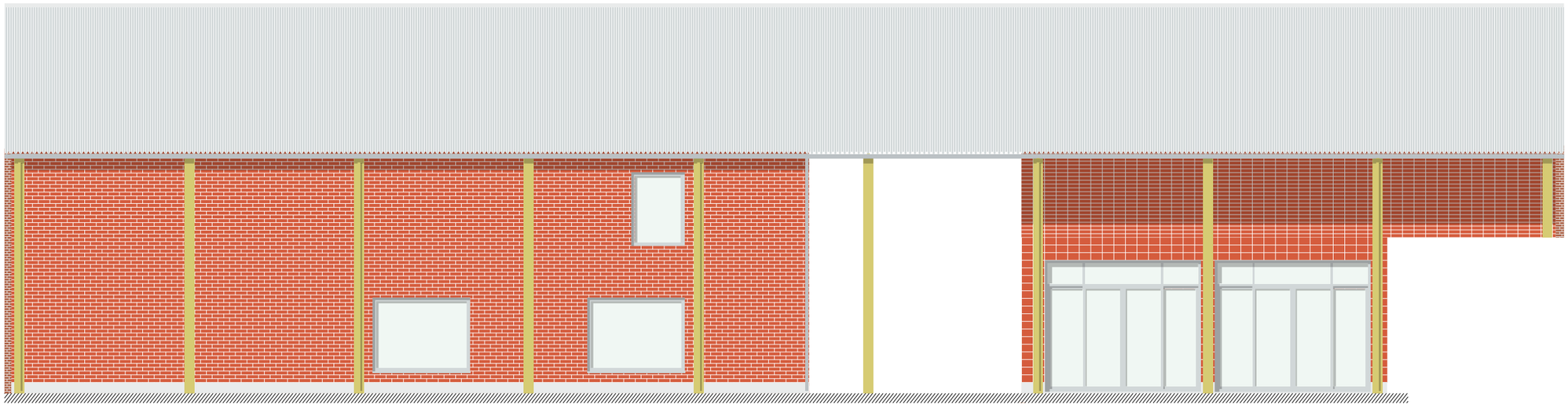


community house

existing ‘wall’

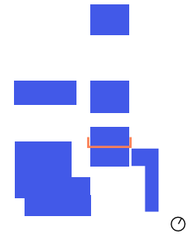
community house

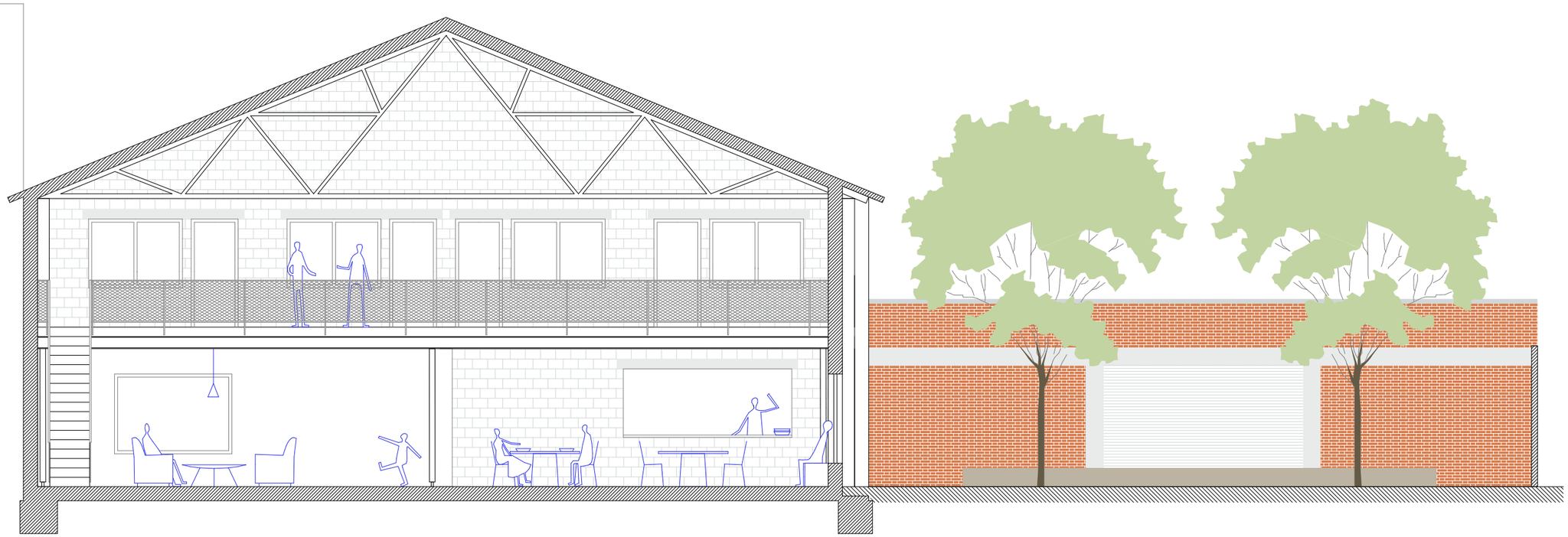
elevation



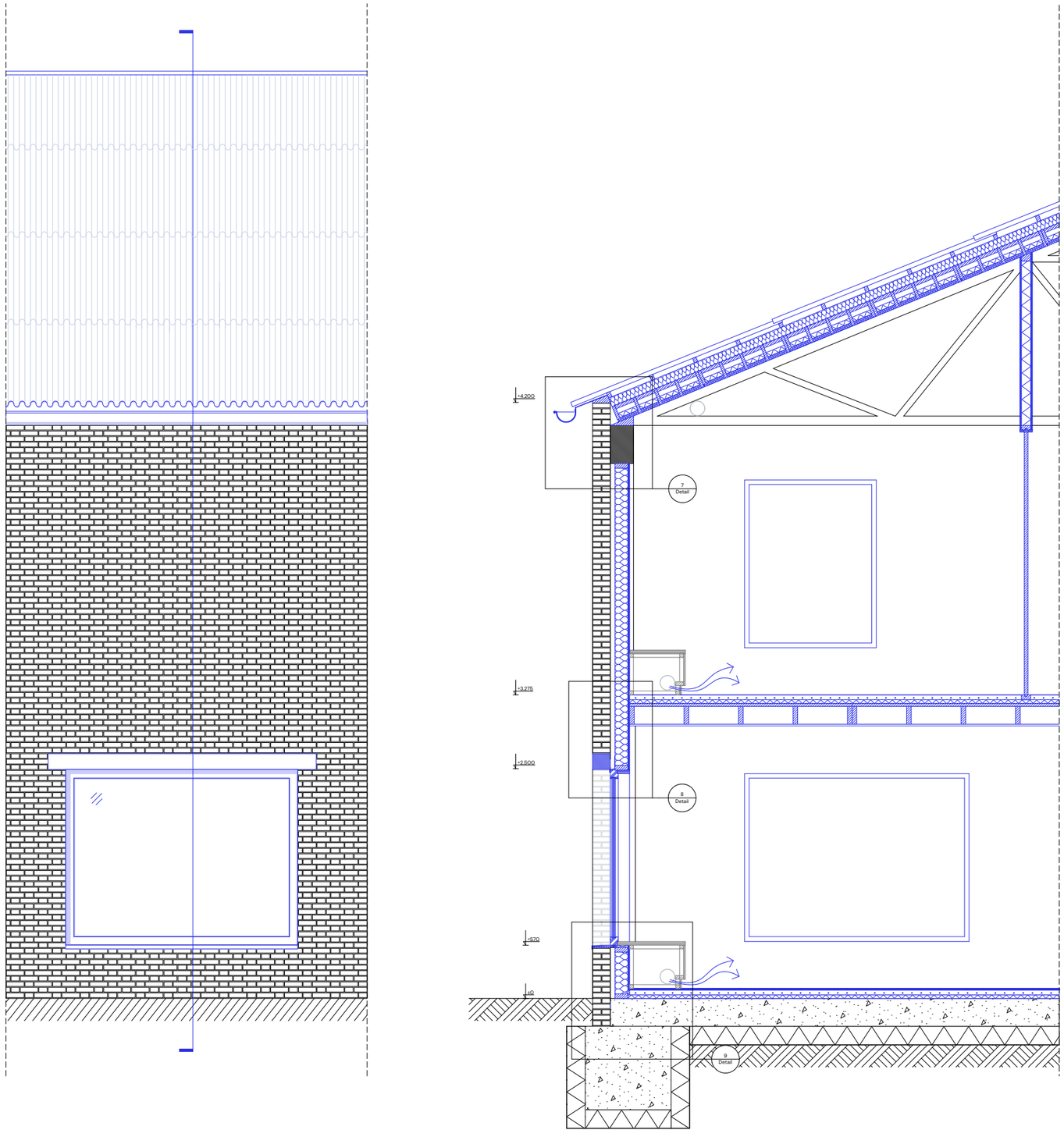
community house

section



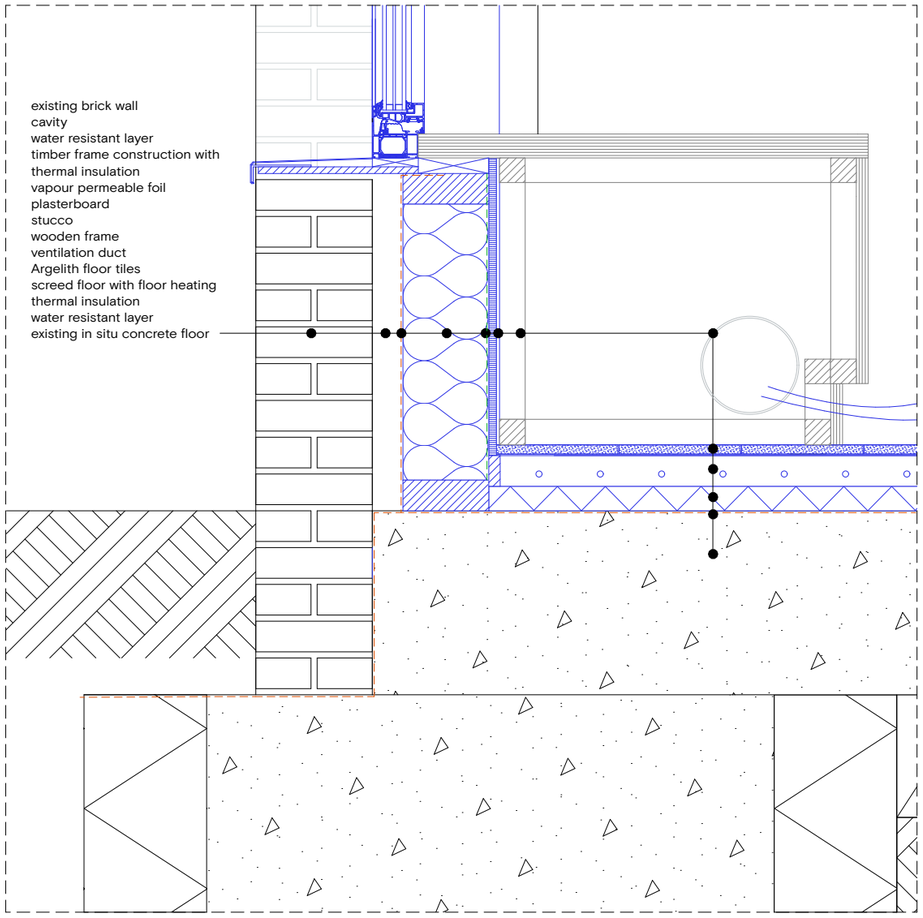


fragment



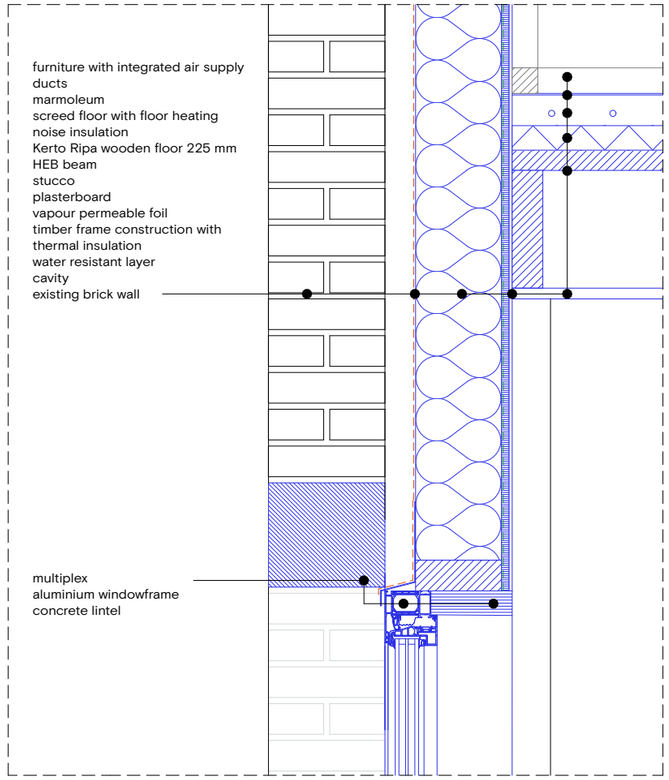
community house

detail floor



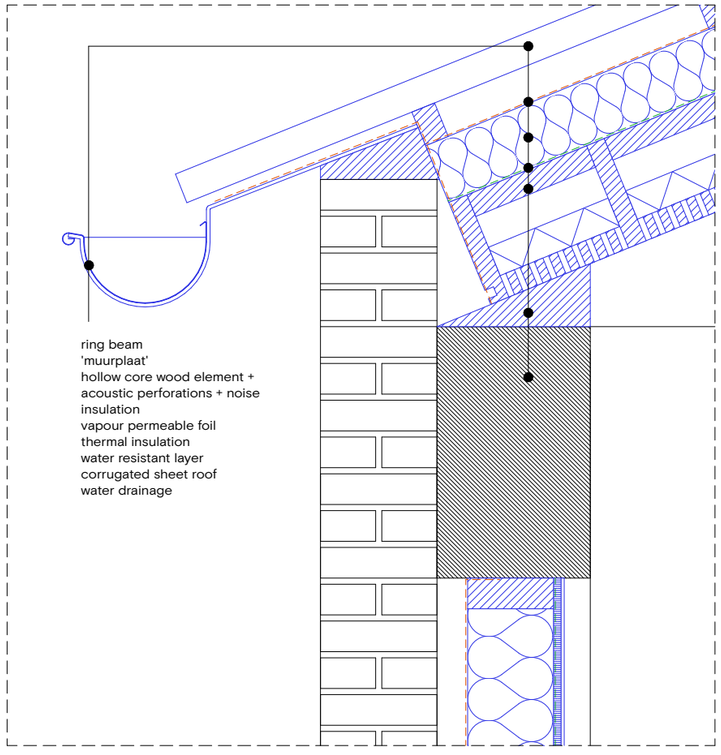
community house

detail window



community house

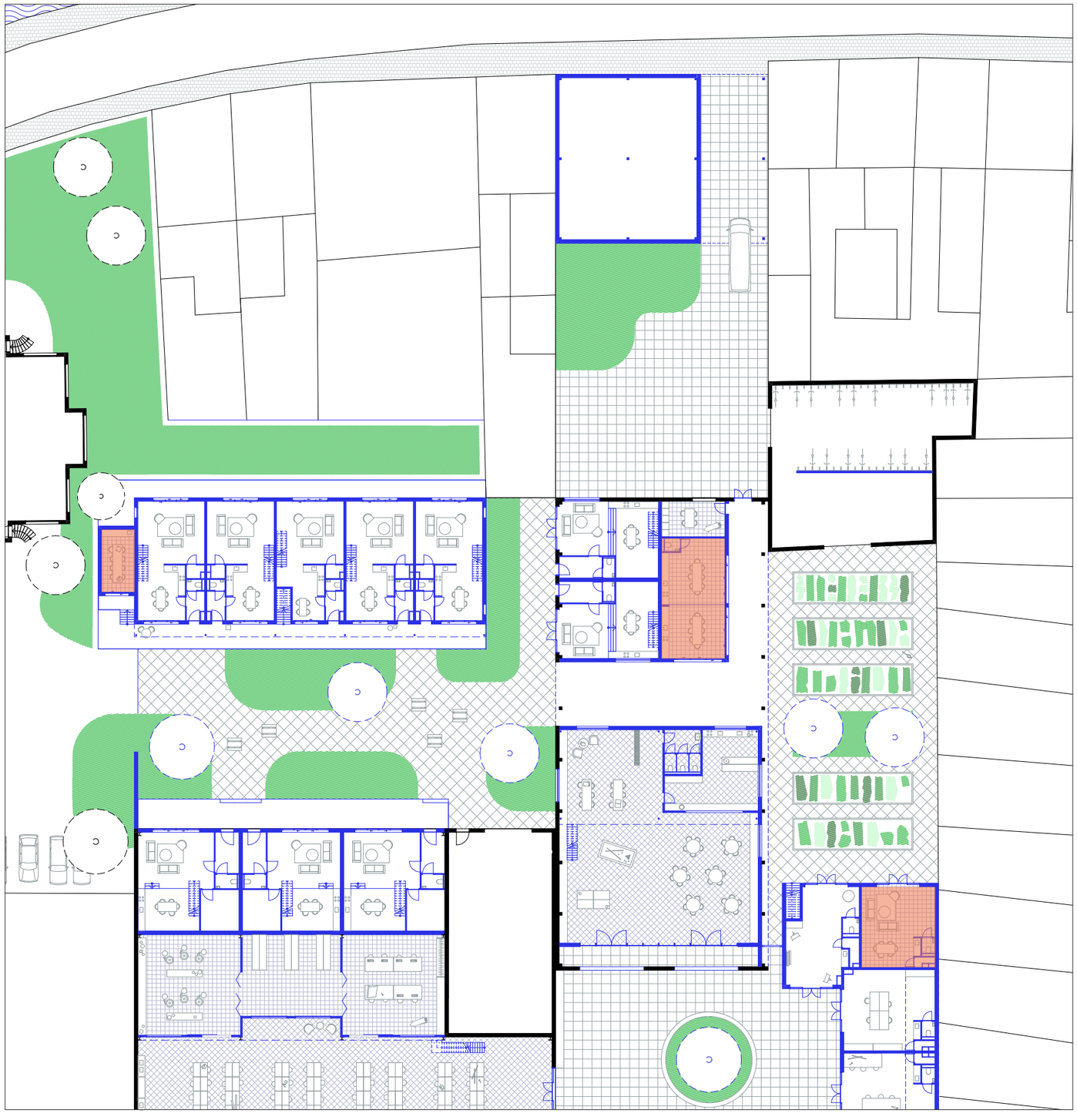
detail roof



square

impression

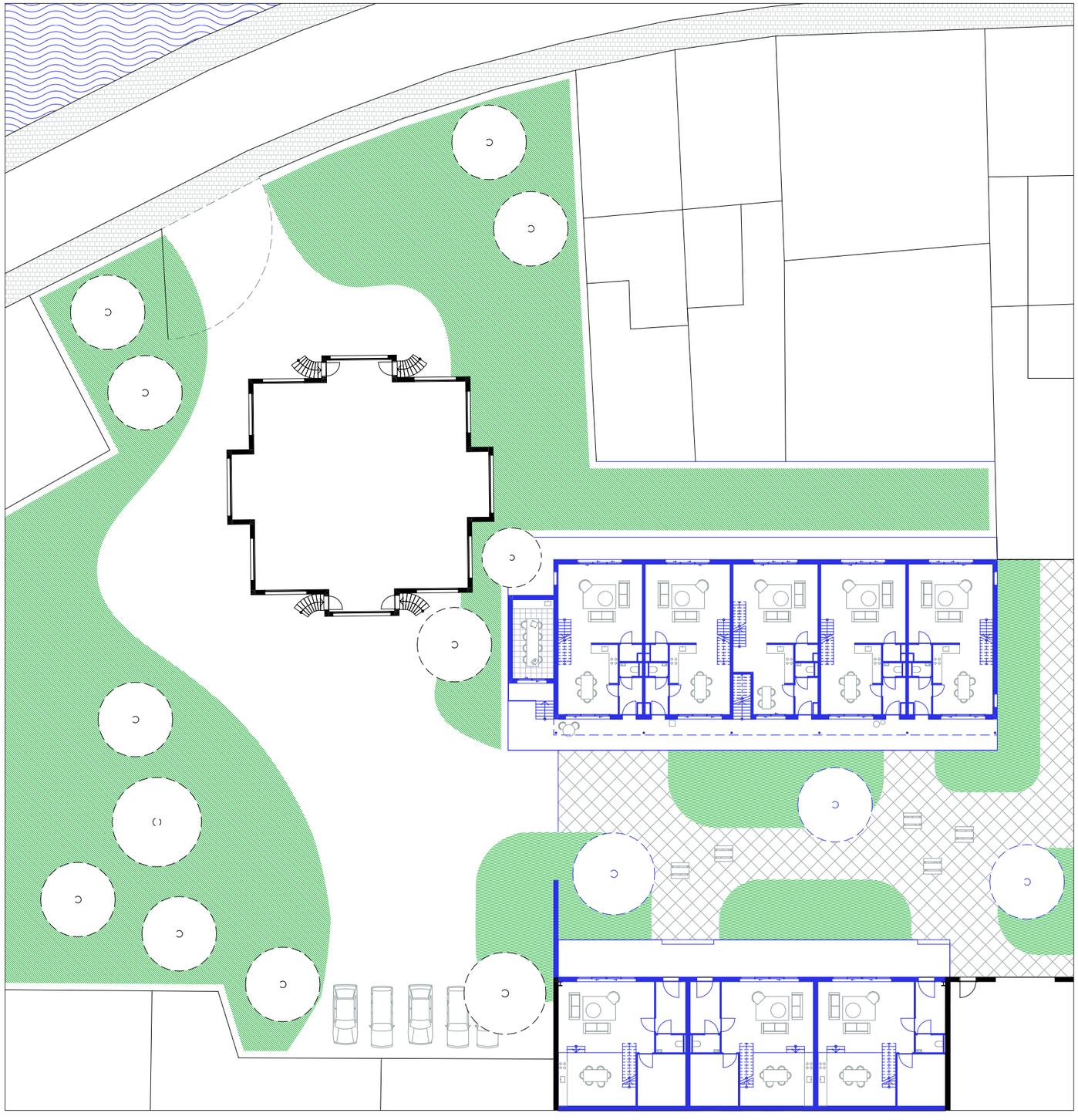
create appropriate work environments for home-based workers



entrance bike parking

entrance park

entrance park



communal garden

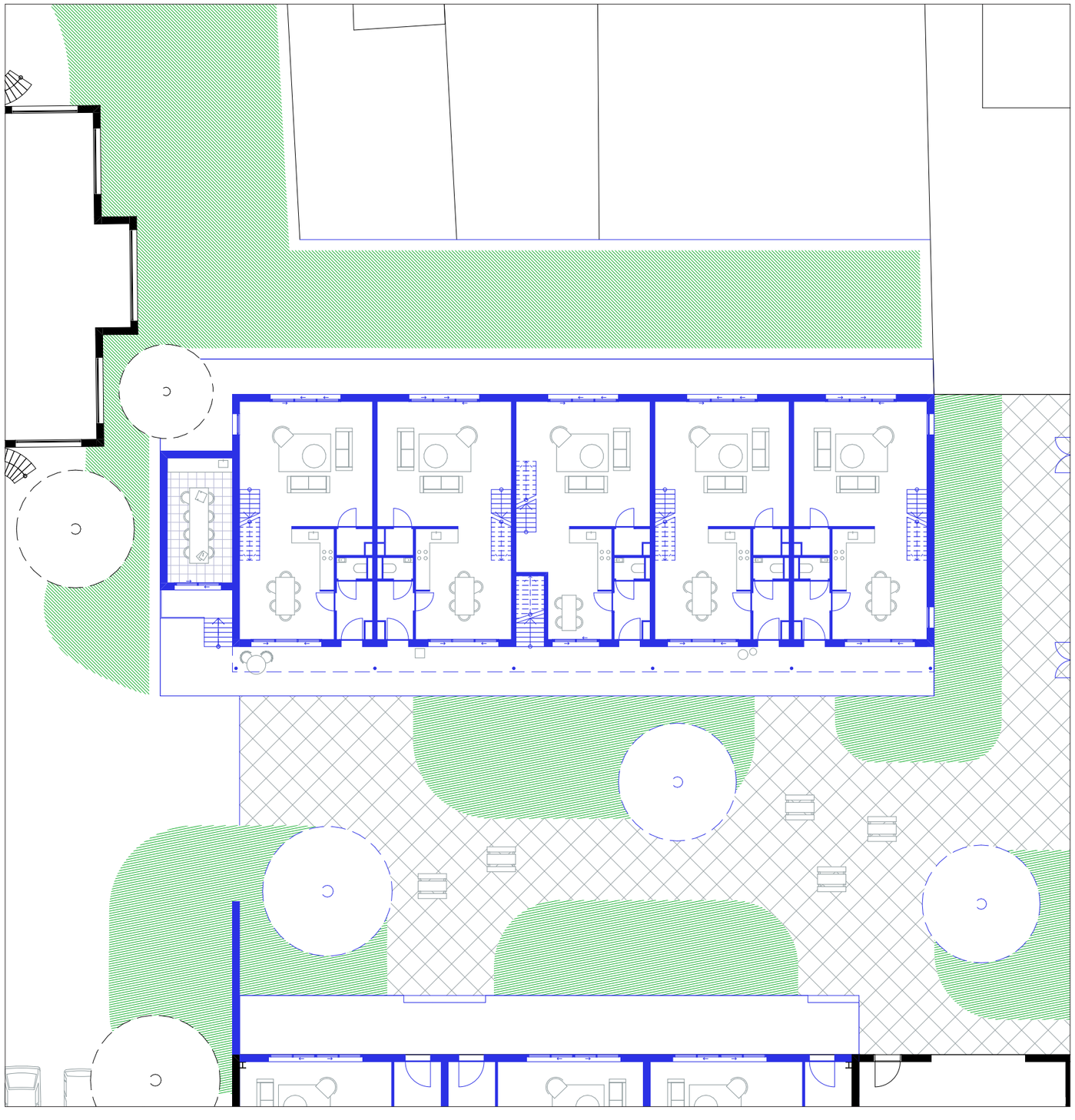
impression

communal garden

section

family dwellings

ground floor

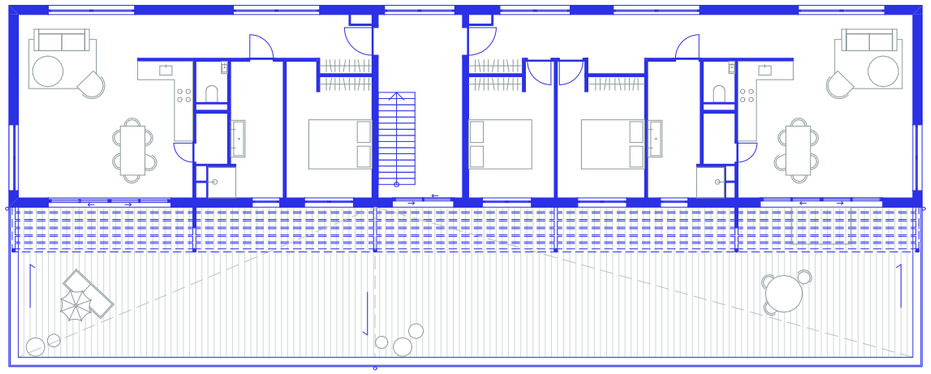


family dwellings

south facade

studios

second floor



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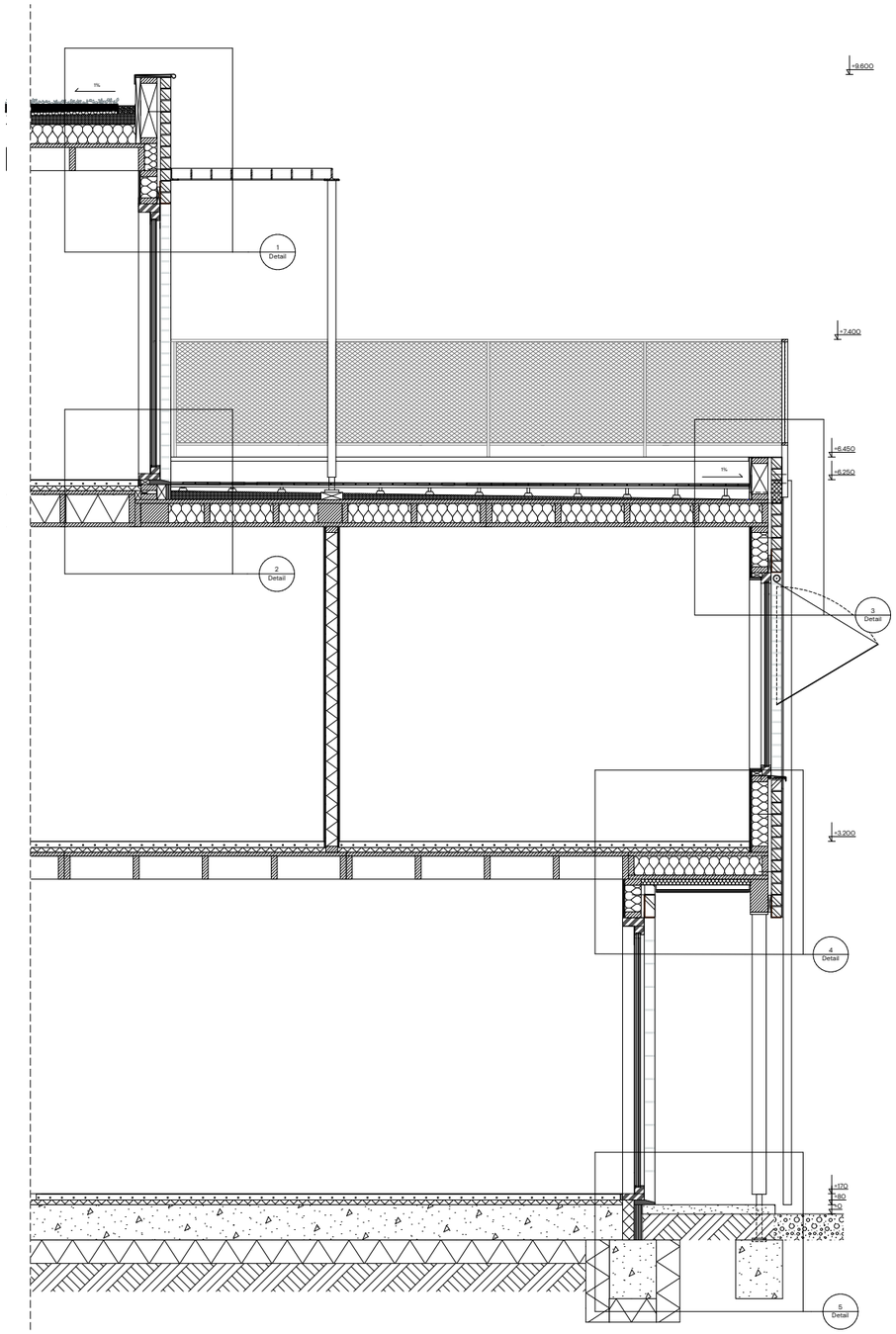
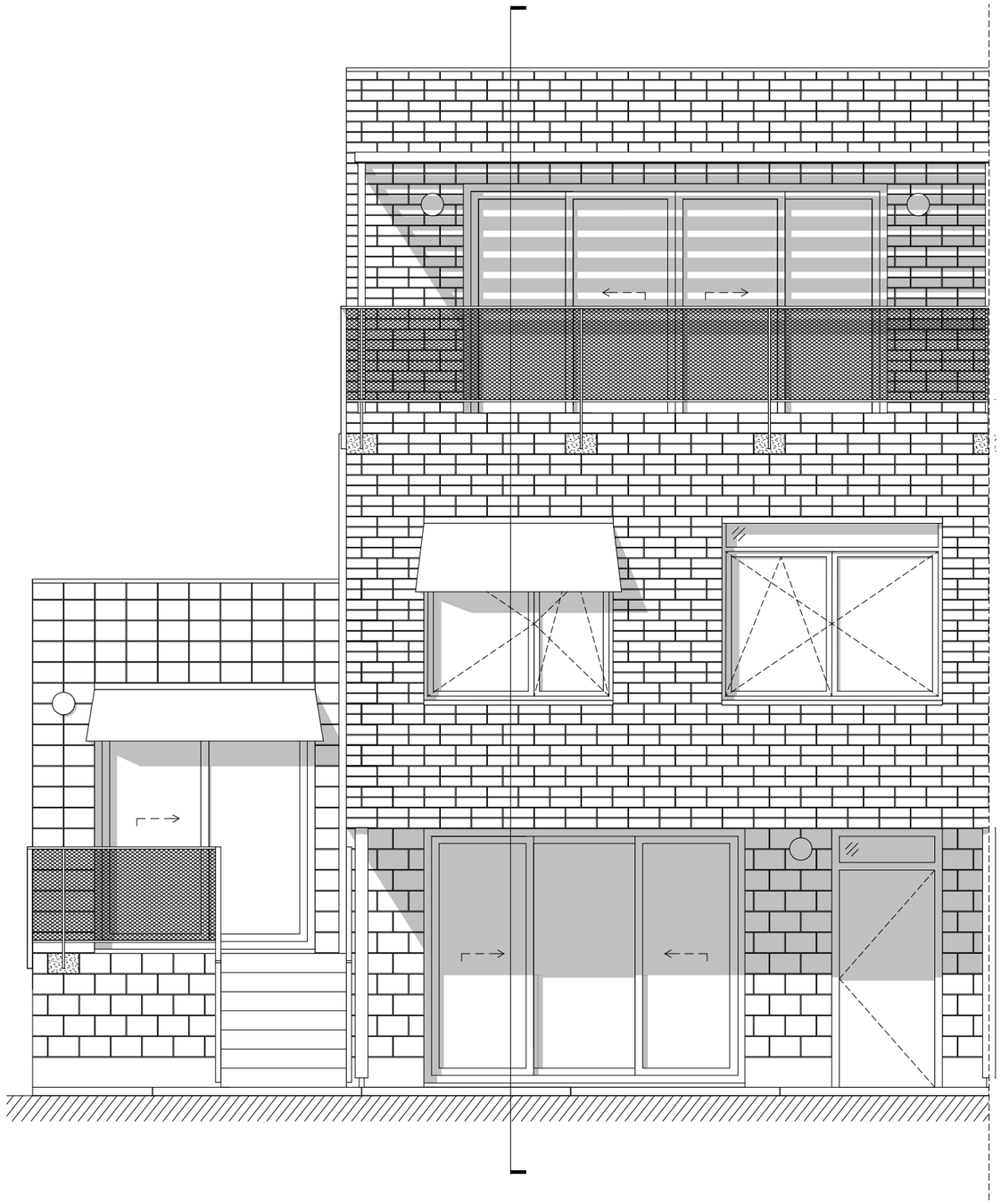
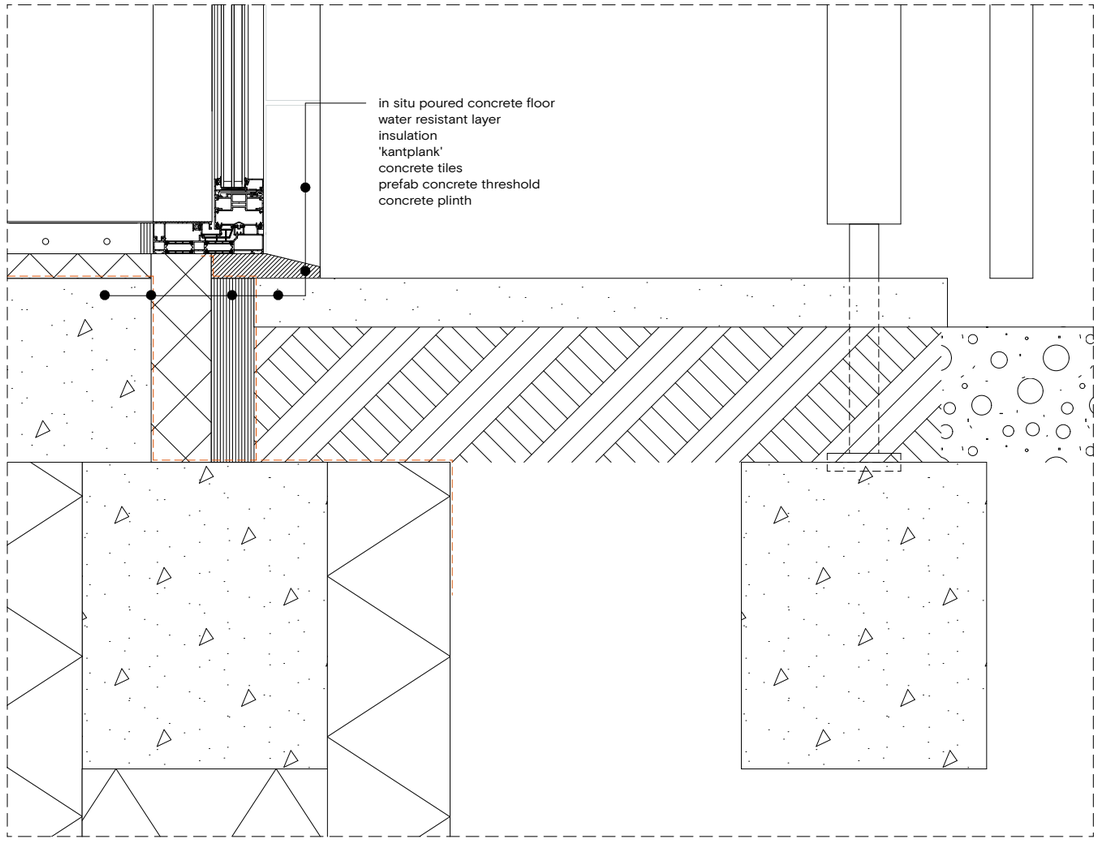
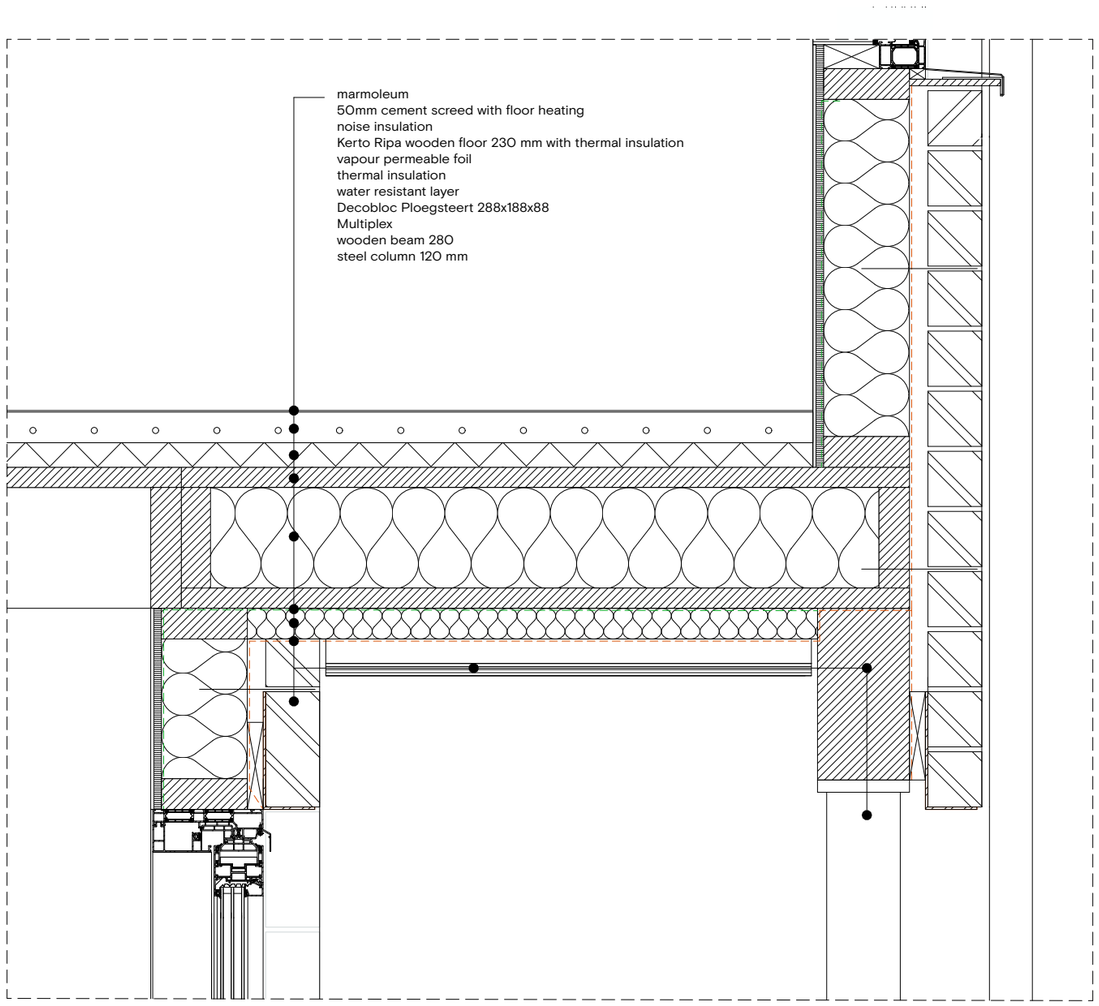

+9.600
+7.400
+6.450
+6.250
+3.200
+170
+80
+34
1
Detail
2
Detail
3
Detail
4
Detail
5
Detail



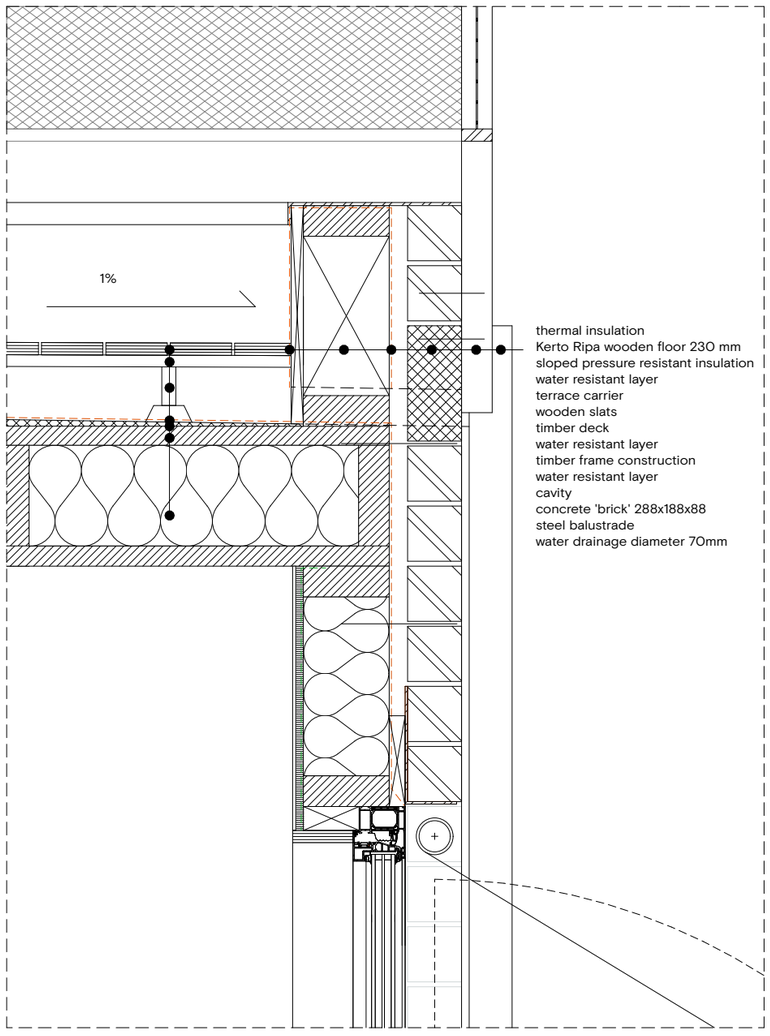
detail floor



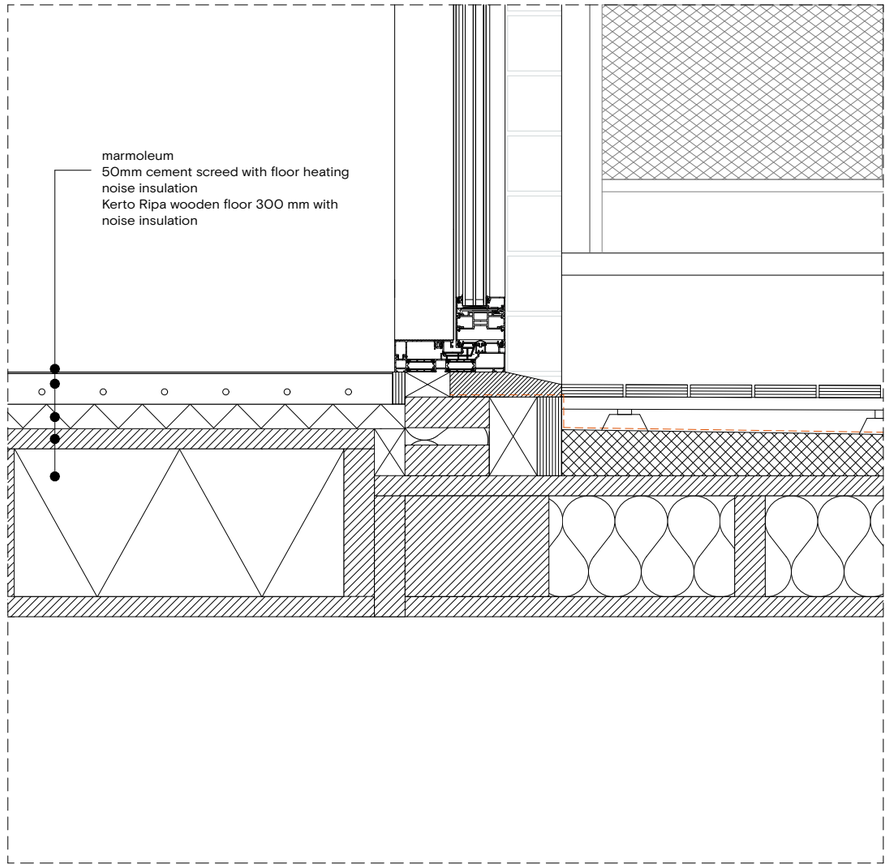
detail floor transition zone



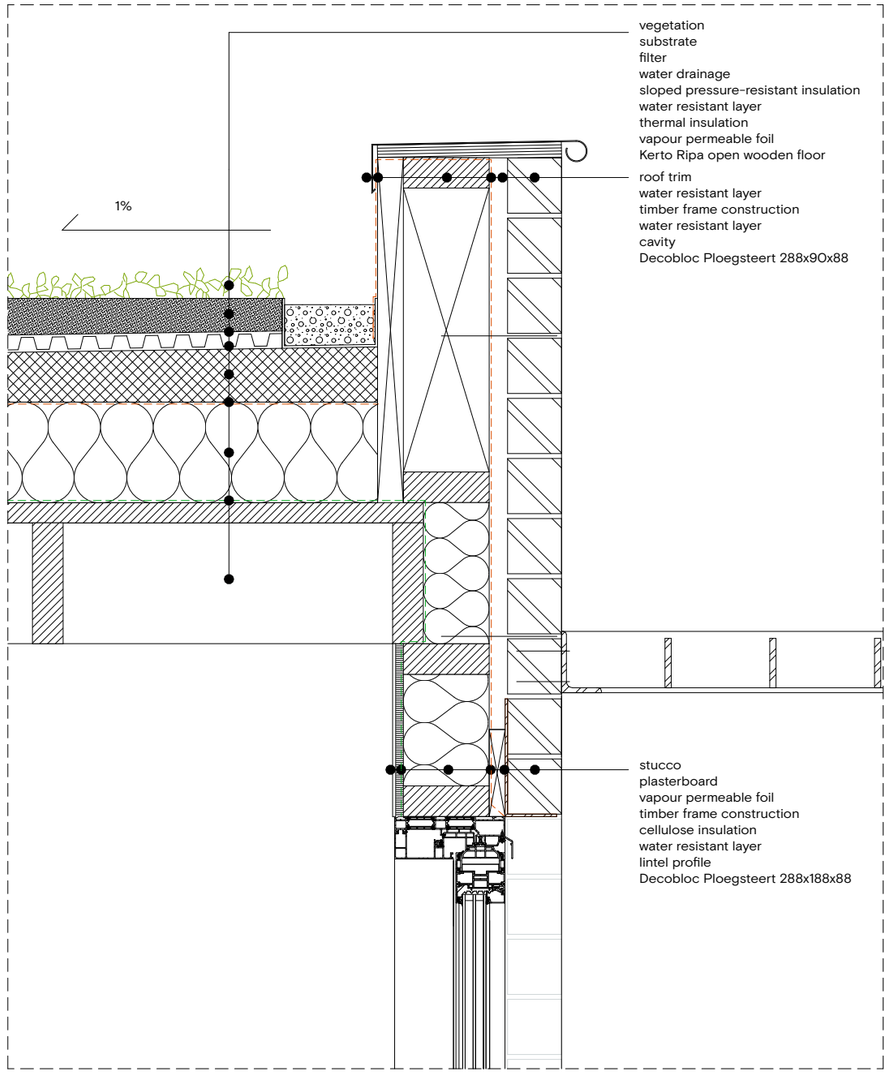
detail terrace



detail terrace

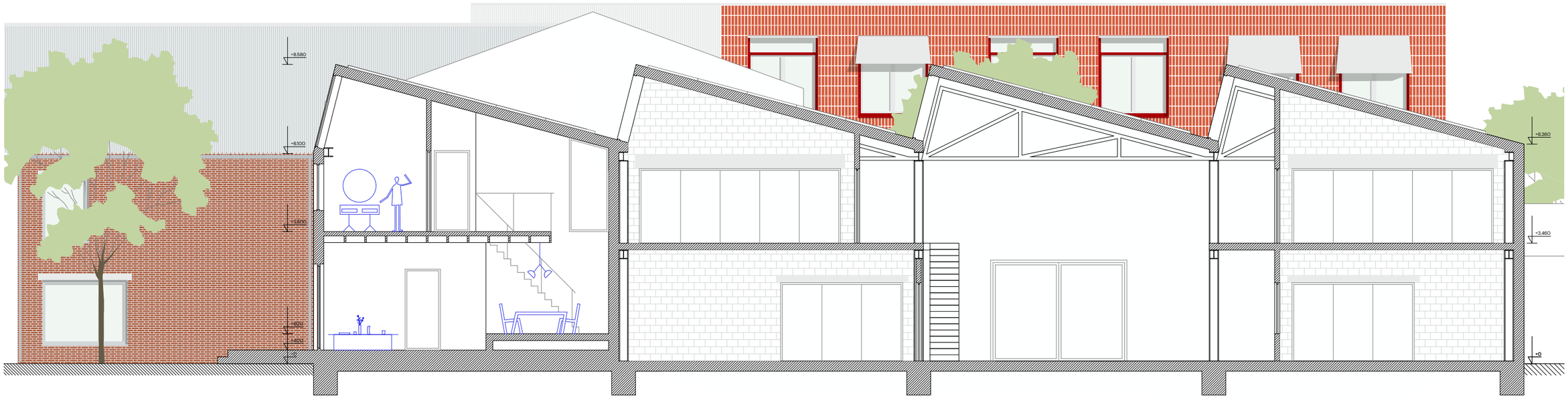


detail roof


vegetation
substrate
filter
water drainage
sloped pressure-resistant insulation
water resistant layer
thermal insulation
vapour permeable foil
Kerto Ripa open wooden floor
roof trim
water resistant layer
timber frame construction
water resistant layer
cavity
Decobloc Ploegsteert 288x90x88
1%
stucco
plasterboard
vapour permeable foil
timber frame construction
cellulose insulation
water resistant layer
lintel profile
Decobloc Ploegsteert 288x188x88

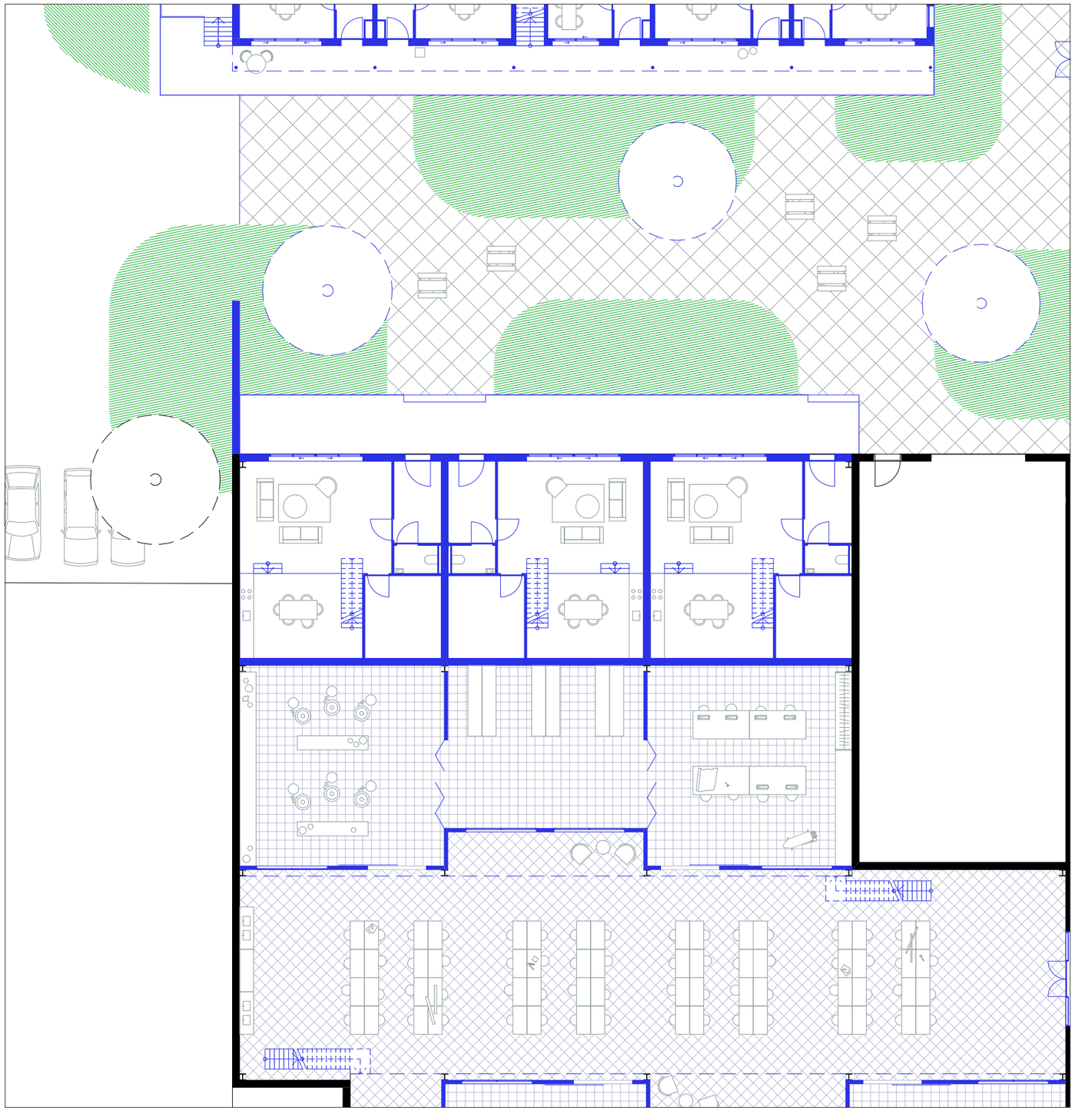
transformed sawtooth shed

section



transformed dwellings

ground floor

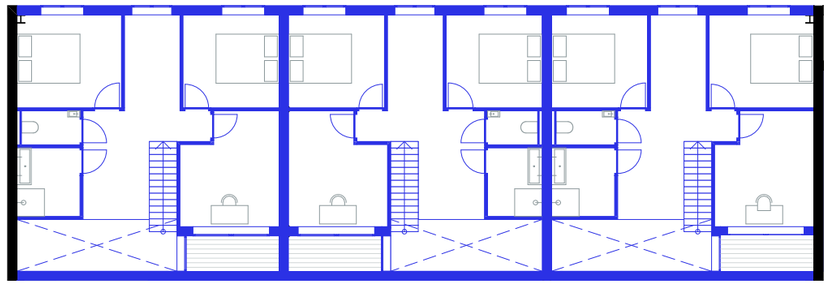


transformed dwellings

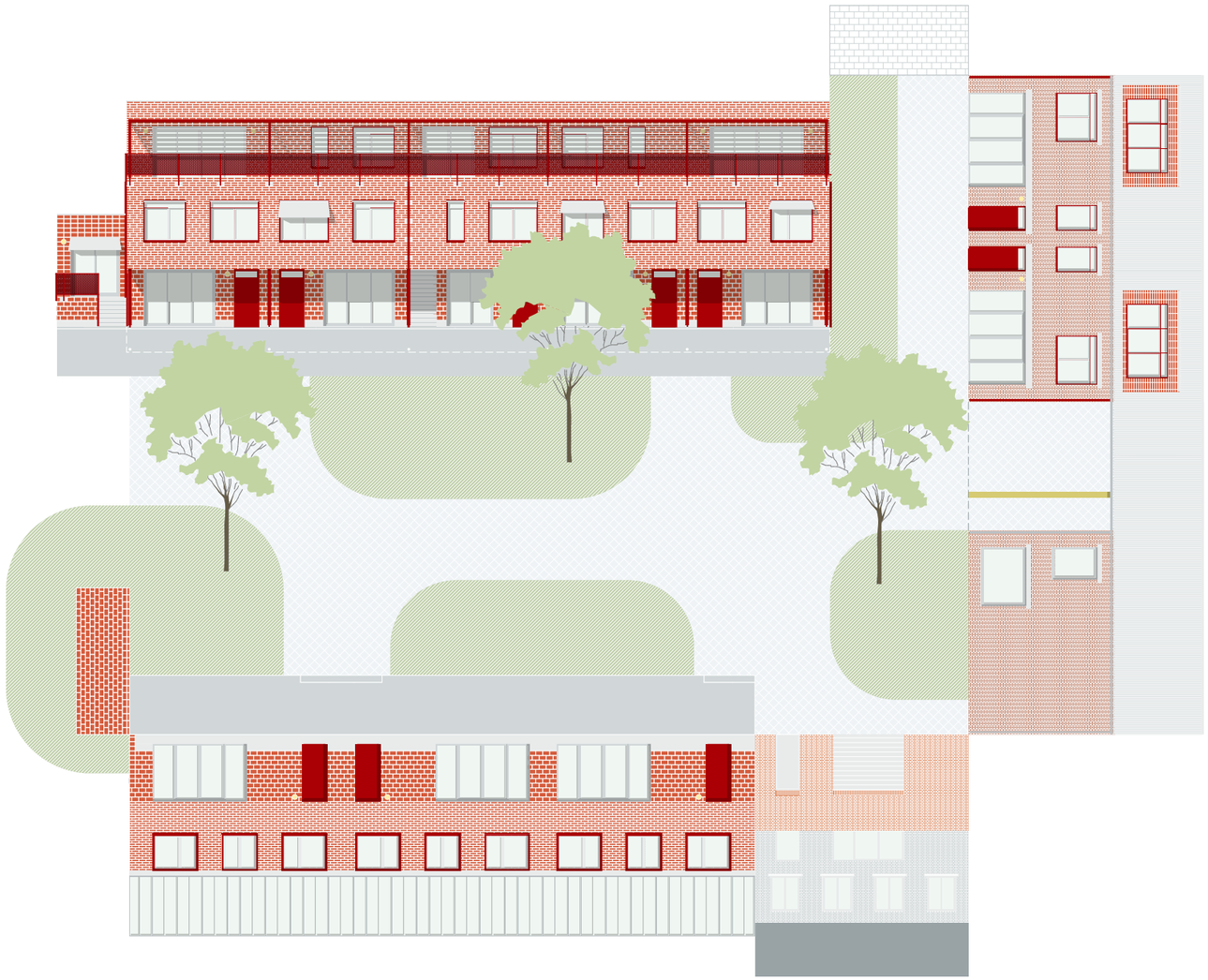
impression

transformed dwellings

first floor



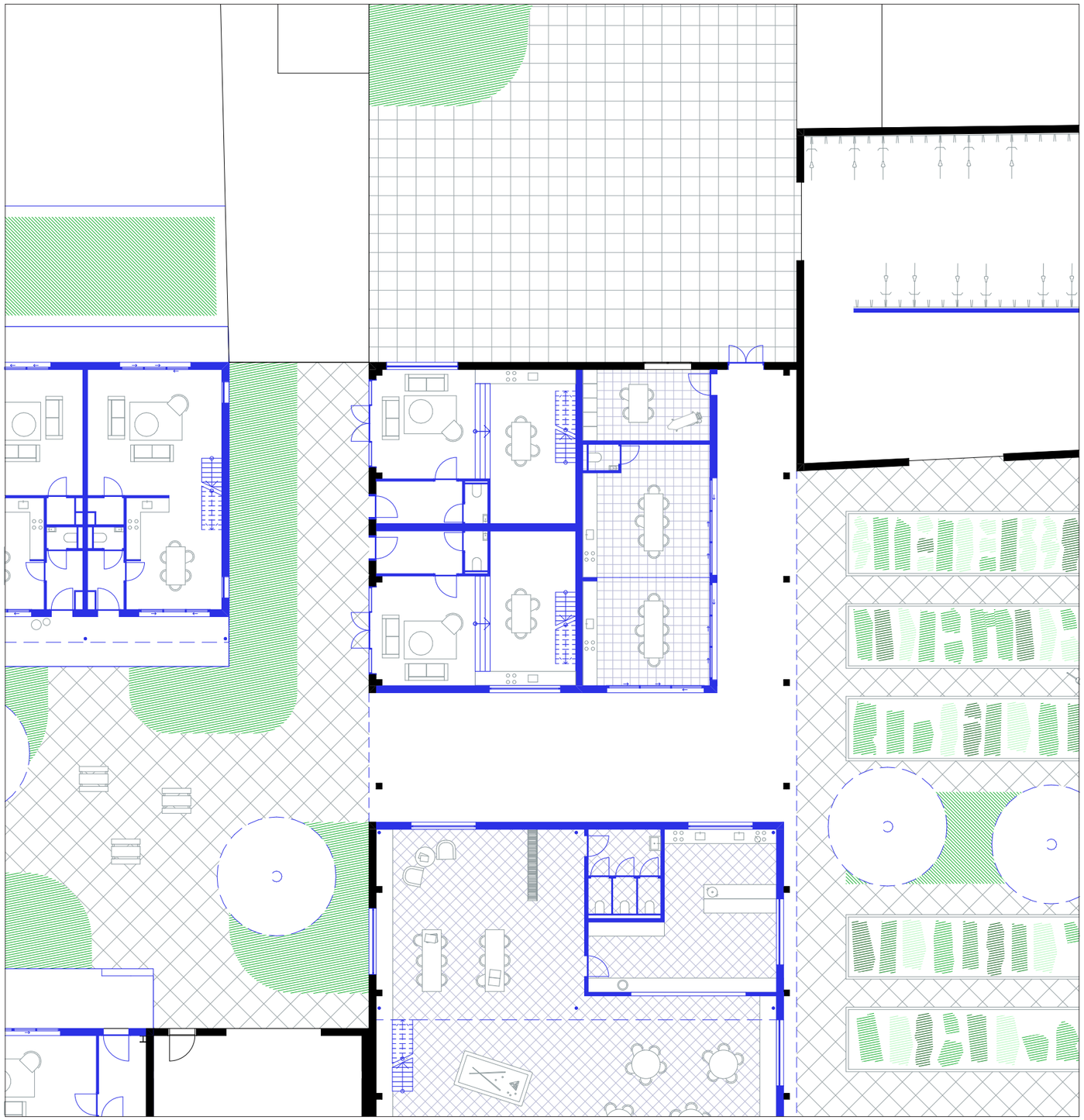
transformed warehouse



transformed warehouse

transformed dwellings

ground floor



communal facilities

impression

transformed dwellings

second floor

vegetable garden

impression

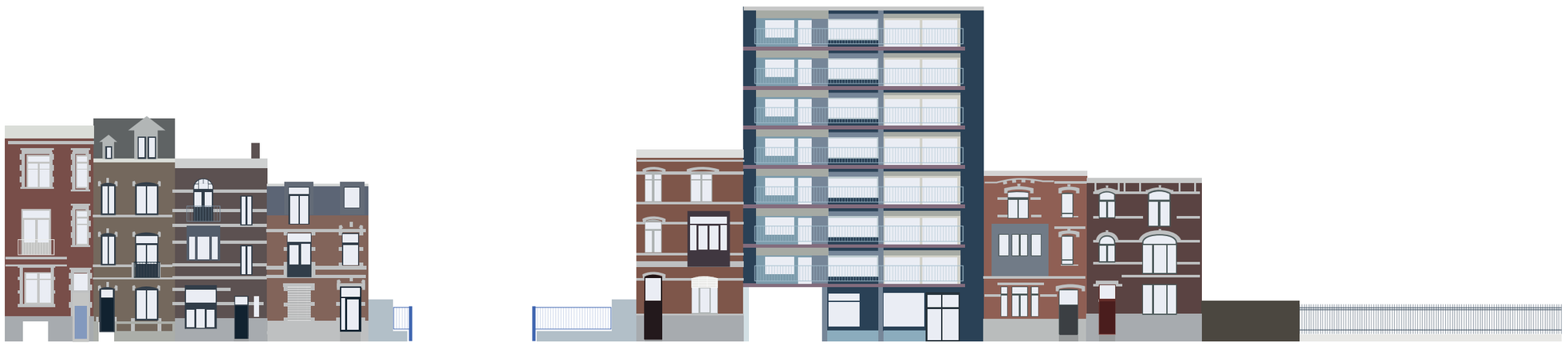
collection of urban interiors surrounded by facades

how to design multiple facades that fit into the neighbourhood, yet have their own identity?

Facade Quai du Roi Albert

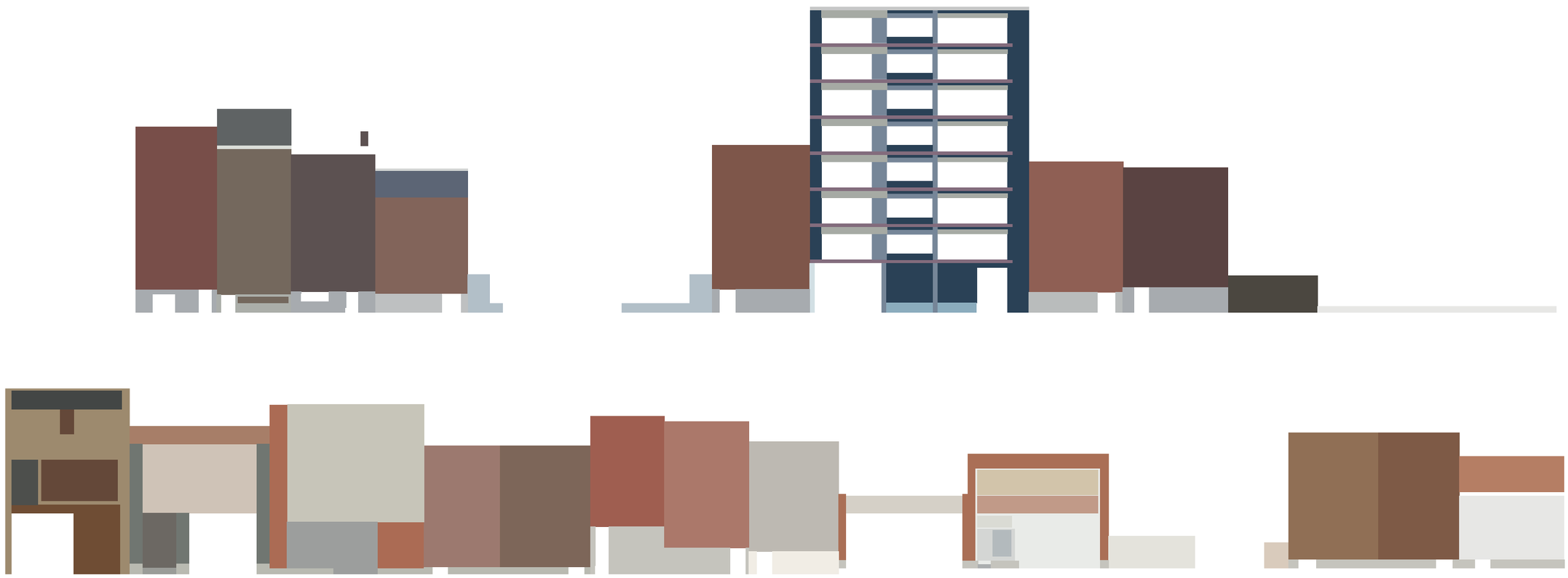
Facade Rue Raymond Geenen

street facades



street facades

materials



blue stone plinth

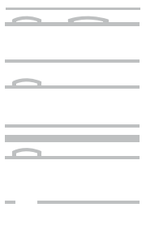
full brick / combination of materials

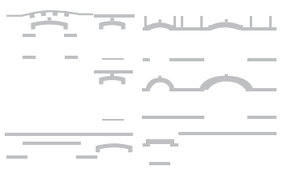
one exception

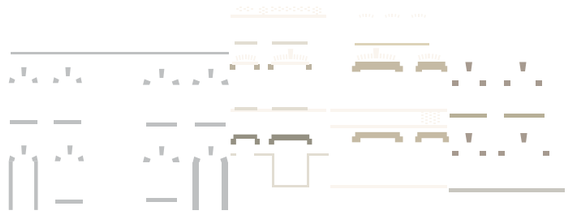
street facades

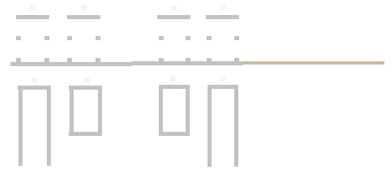
windows and doors

double windows triple windows with and without transoms elevated doors









horizontal bluestone ornaments / less or no ornamentation

details of Bressoux

brick bonds

details of the block

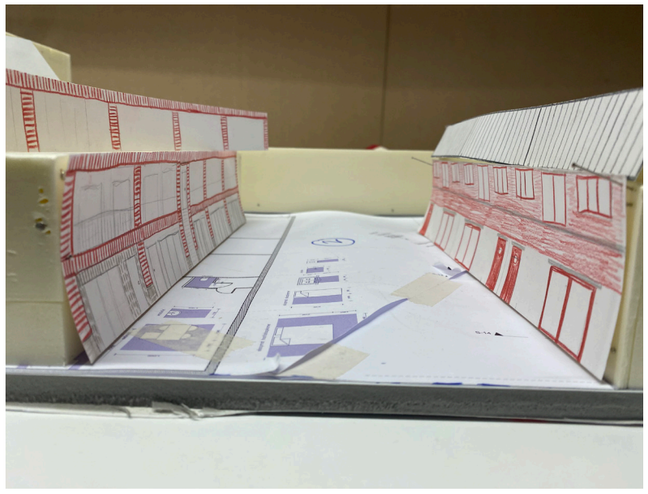
plinth

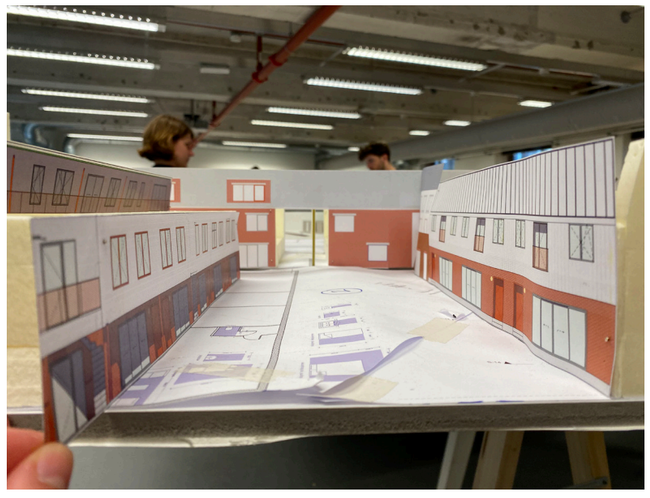
details of the block

windows and grey brick

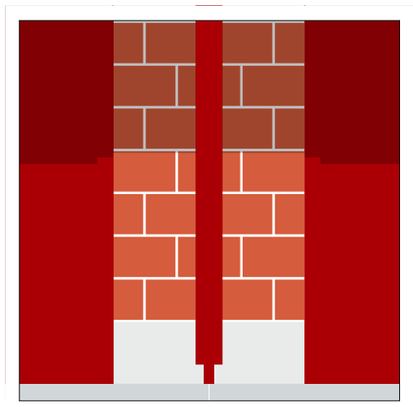
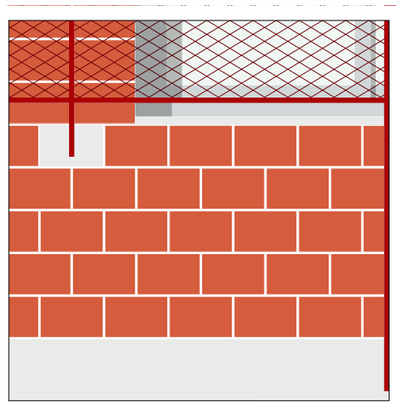
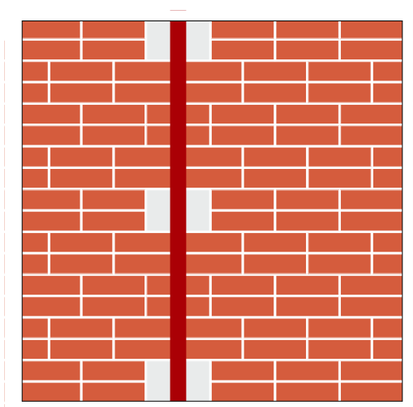
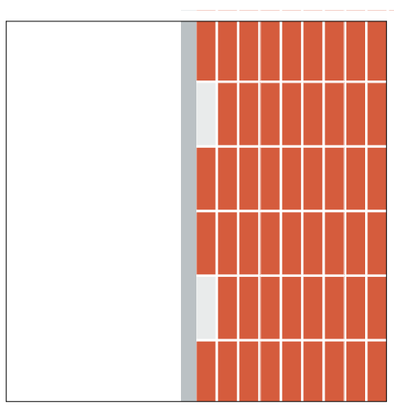
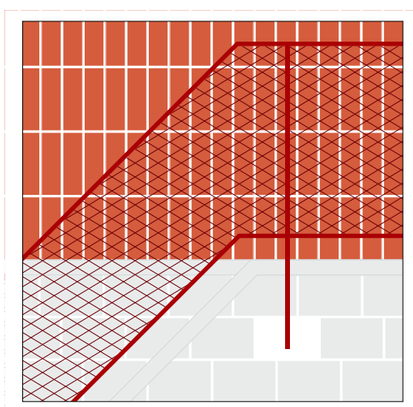
facade concept

Various elements from the block, streets and the neighbourhood are **reinterpreted** and incorporated into the design. However, this project is different from the typical typologies found in Bressoux and street facades are different than **courtyard facades**. Therefore the facades have a more outspoken colour and larger openings. With shared facilities, the project forsters a sense of community, emphasized by the presence of **recurring elements** that bring unity to the overall design.

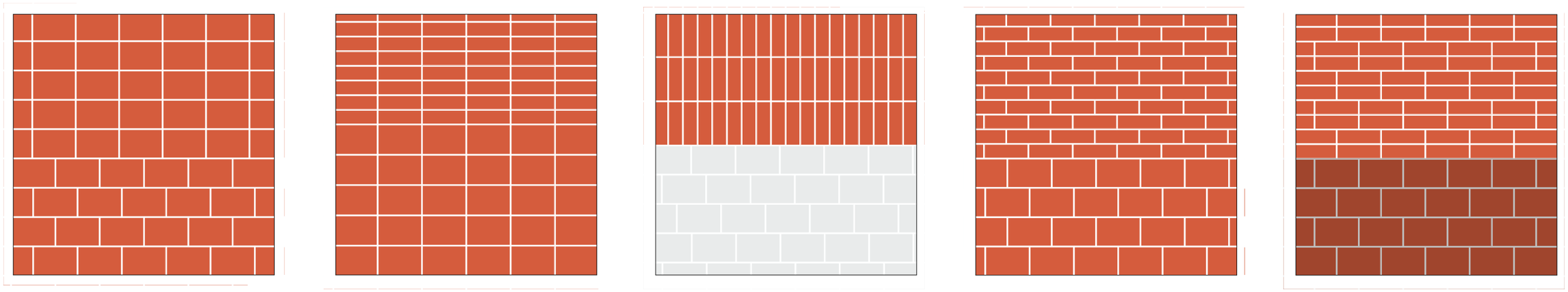




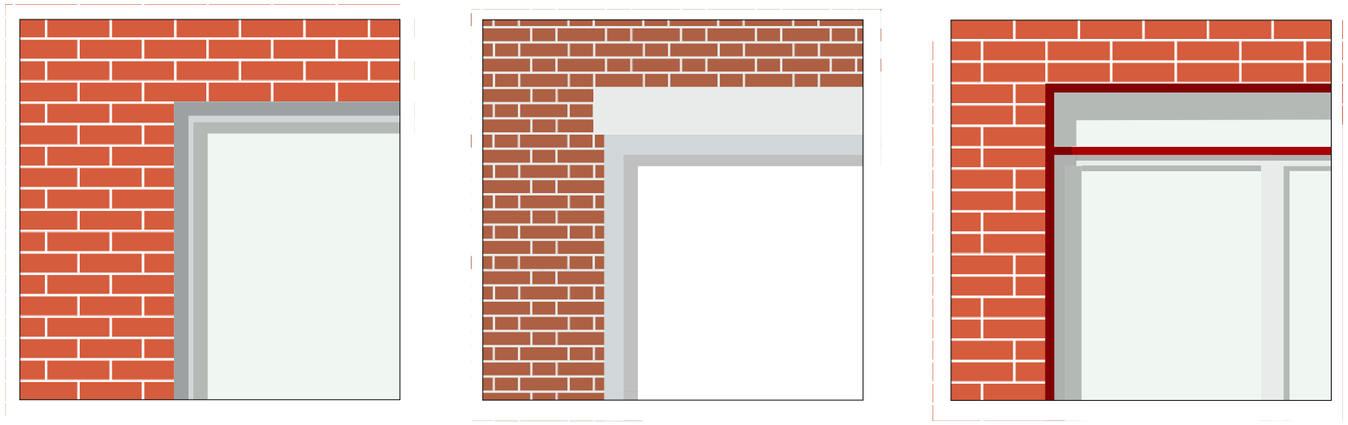
finding the balance between existing / new, colours, materials

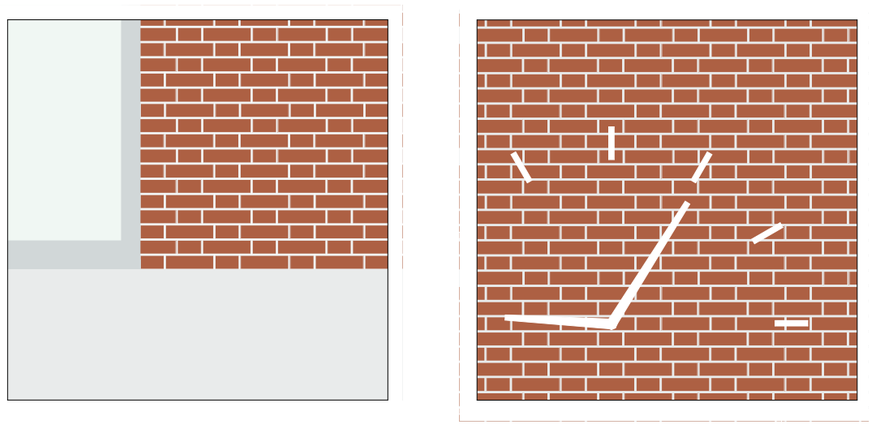
steel elements, connections different stone, celebrating details

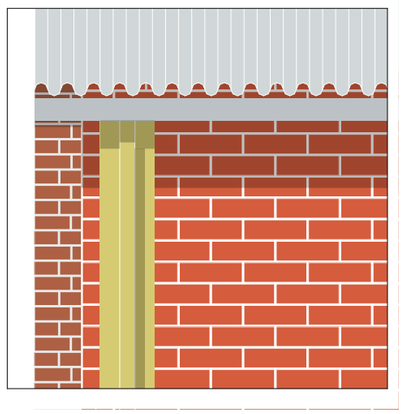


brick bonds, plinth, collective / work

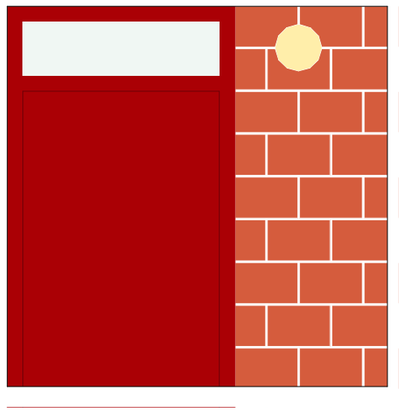


doors, windows in existing walls, new windows





existing construction



INTERWOVEN

rethinking work-live relations in a post-industrial neighbourhood

INTERWOVEN

rethinking work-live relations in a post-industrial neighbourhood

existing - new

buildings - urban interiors

different communities

THANKYOU!

Femke Vink

Graduation presentation

Urban Architecture studio

30 06 2023

THANKYOU!

Mama

Romeny Koreman

Florian Bart

Mats van Dijk

Dave van Leeuwen

Femke Vink

Graduation presentation

Urban Architecture studio

30 06 2023