

OP-EN-TOP WONEN



A4 PRESENTATION
GRADUATION PROJECT: OP-EN-TOP-WONEN
17 JUNE 2026

ARCHITCTURAL WOOD ARA4W010
LOES THIJSSEN & MAX SALZBERGER

CREATED BY **SHARICE VANDERSCHAAP**

The netherlands is suffering from a housing crisis

complex problem



VACANCY
(CBS,2025)



POVERTY
(Platform Woonopgave, 2025)



CLIMATE CRISIS
(Copernicus, 2026)



NITROGEN CRISIS
(RIVM,2025)



HOUSING CRISIS



IN EQUALITY
(Berger, 2023)



LONELINESS
(Platform Woonopgave, 2025)



AFFORDABILITY
(Bollen, 2026)



CHANGING DEMOGRAPHIC
(CBS,2026)

not one solution



VACANCY
(CBS, 2025)



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integral solution



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CHANGING DEMOGRAPHIC
(CBS,2026)

take a look into the existing build environment!

- Rijksbouwmeester, Sanne van Manen, Sandra Nap



take a look into the existing build environment!

- Rijksbouwmeester, Sanne van Manen, Sandra Nap

yes, we shouldn't be building new family homes at all!

- Tess Broekmans, TU Delft



MAKING BETTER USE OF
OUR EXISTING M2



VACANCY



NITROGEN CRISIS



CLIMATE CRISIS



CHANGING DEMOGRAPHIC



AFFORDABILITY



LONELINESS



IN EQUALITY

Split & transform *existing*
rowhousing!!

Split & transform *existing*
rowhousing!!







A group of five people is shown in black and white against a dark green background. On the left, a man with his arms crossed stands behind a woman, who is in front of a man. In the foreground, a woman with her hair in a bun looks towards the camera. To her right, another woman is sitting and smiling. A speech bubble above the man with his arms crossed contains the text "Split & transform existing rowhousing!!". A speech bubble next to the woman with her hair in a bun contains the text "it could solve the acute housing crisis!". On the right side of the image, a woman with glasses is sitting and looking at the camera. A large speech bubble above her contains the text "Split & transform existing rowhousing!!".

Split & transform *existing rowhousing!!*

it could solve the *acute housing crisis!*

Split & transform *existing rowhousing!!*



| bouwjaar woningtype | < 1945 | 1946 - 1964 | 1965 - 1984 | 1985 - 2005 | 2005 - 2024 | totaal: |
|---|---------|-------------|-------------|-------------|-------------|-----------|
|  Vrijstaand huis | 288.100 | 143.300 | 231.800 | 253.000 | 139.000 | 1.055.200 |
|  Twee-onder-één kap | 172.200 | 139.100 | 163.900 | 148.700 | 87.900 | 711.800 |
|  Rijtjeswoning | 439.300 | 461.400 | 1.273.600 | 828.800 | 415.600 | 3.418.700 |
|  Meergezinswoning | 575.600 | 399.600 | 774.800 | 628.900 | 635.600 | 3.014.500 |
| | | | | | | 8.200.200 |

(Platform Woonopgave, 2025)

42%

of the Dutch housing stock is
row housing



average floor area of

30-120m²

(Huurstunt, 2026)



average household size of

2 people

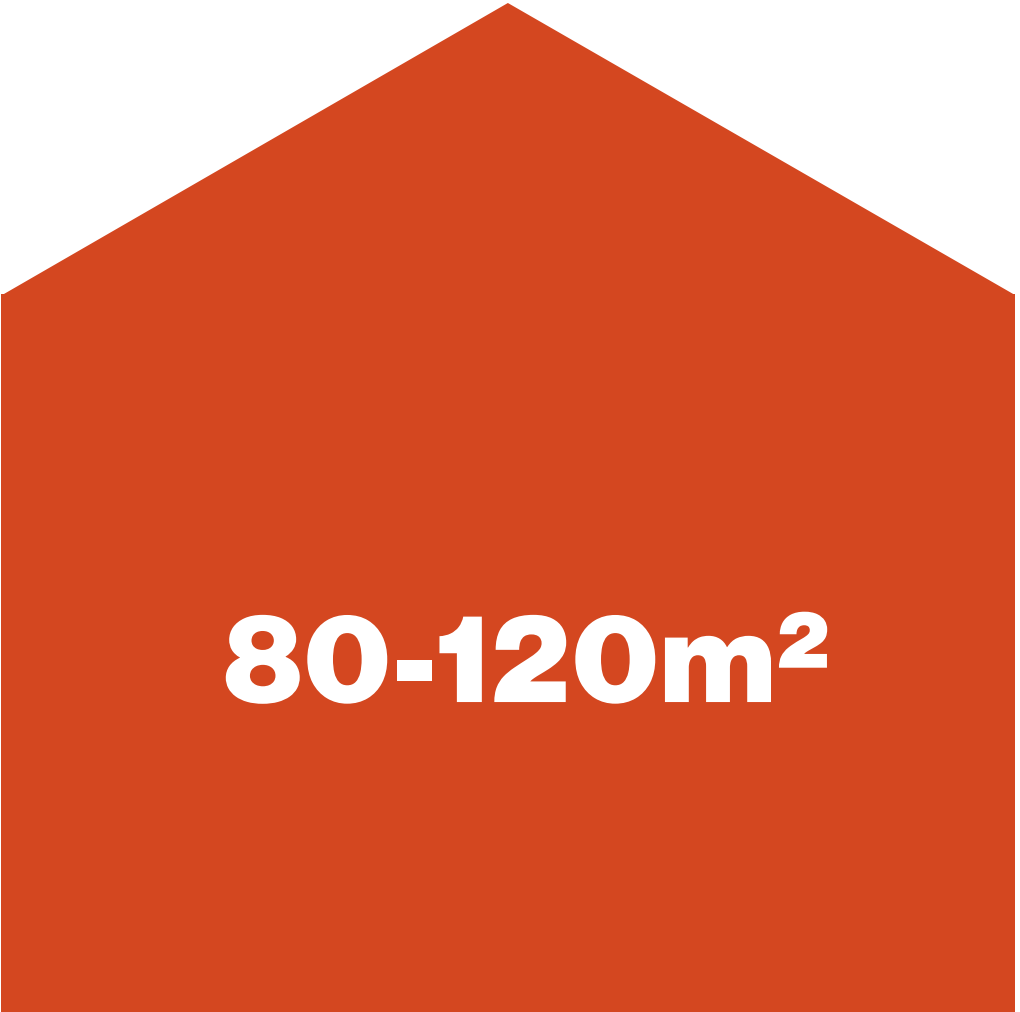
(CBS, 2026)



Former households



families



Current households



divorced families



small families



singles



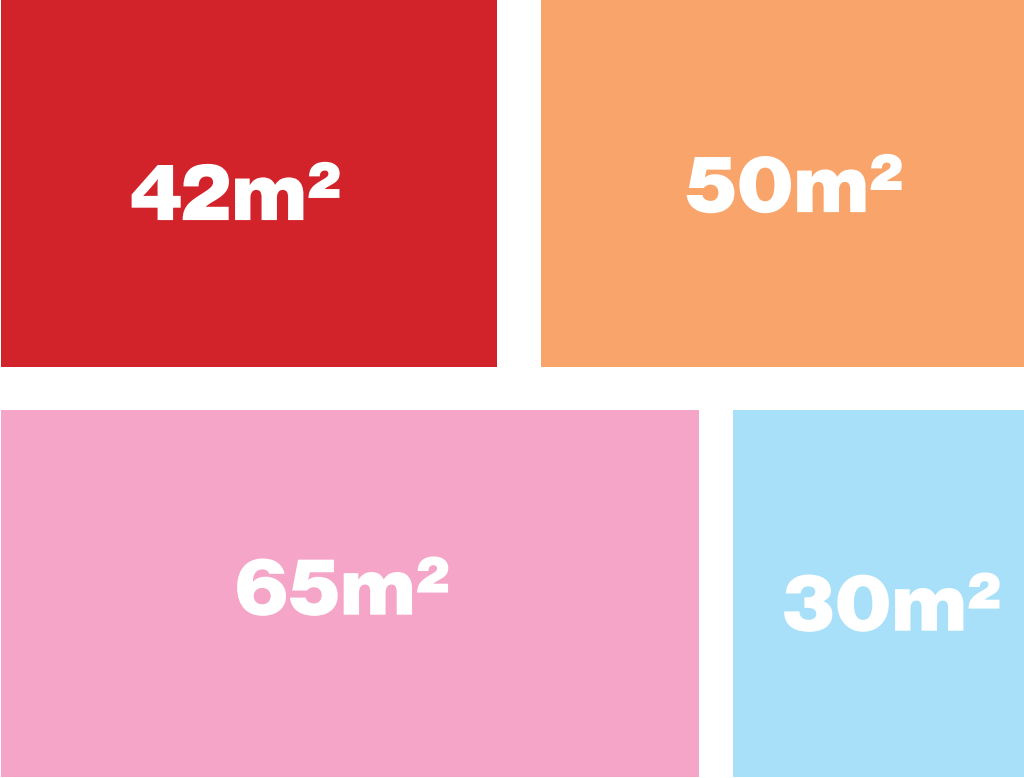
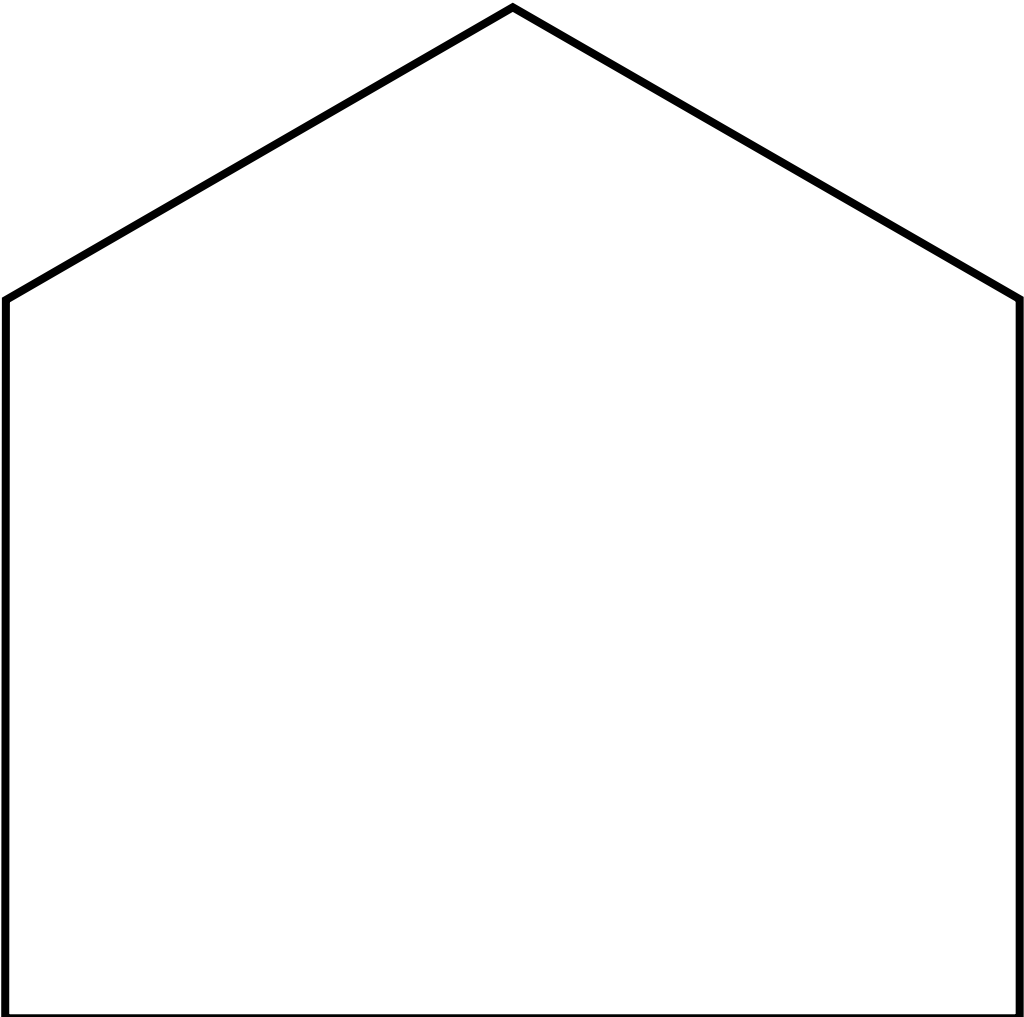
couples



friends



elderly



Struggling households



divorced families



small families



singles



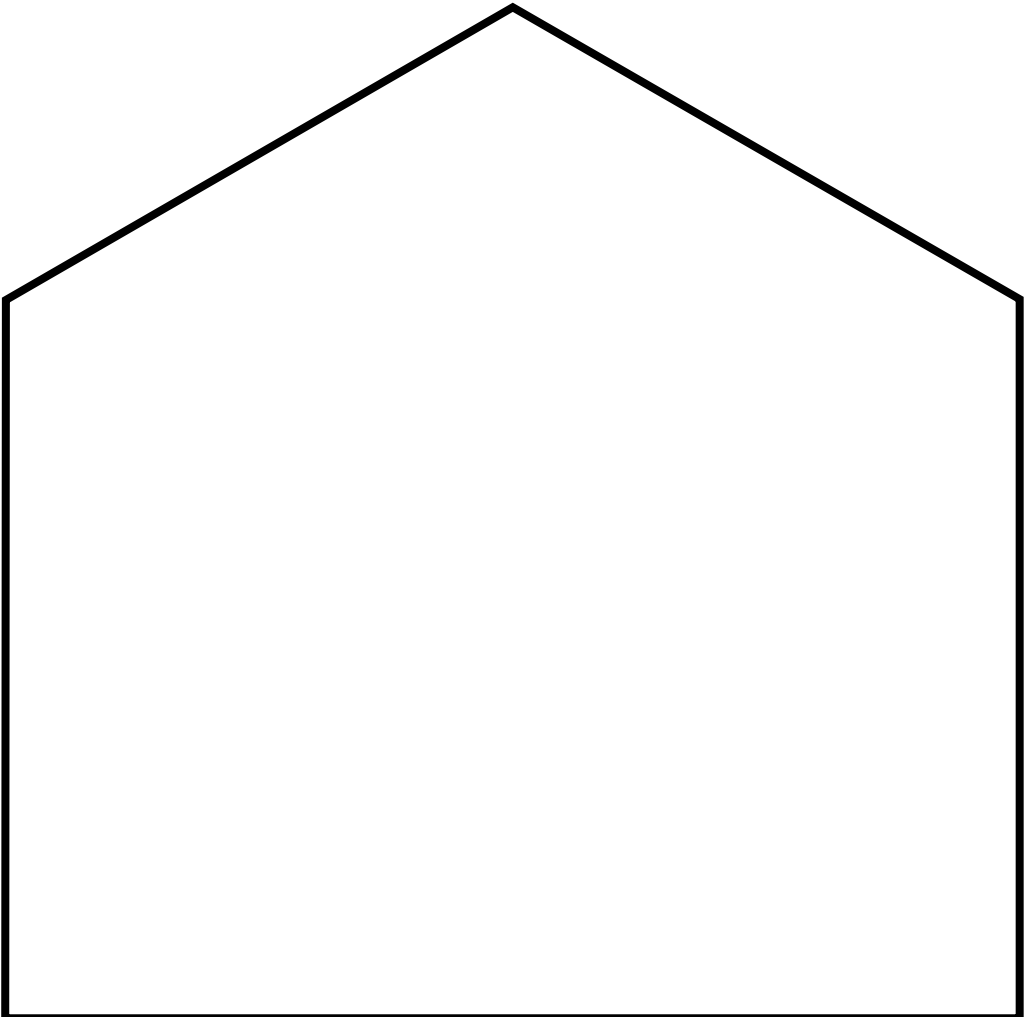
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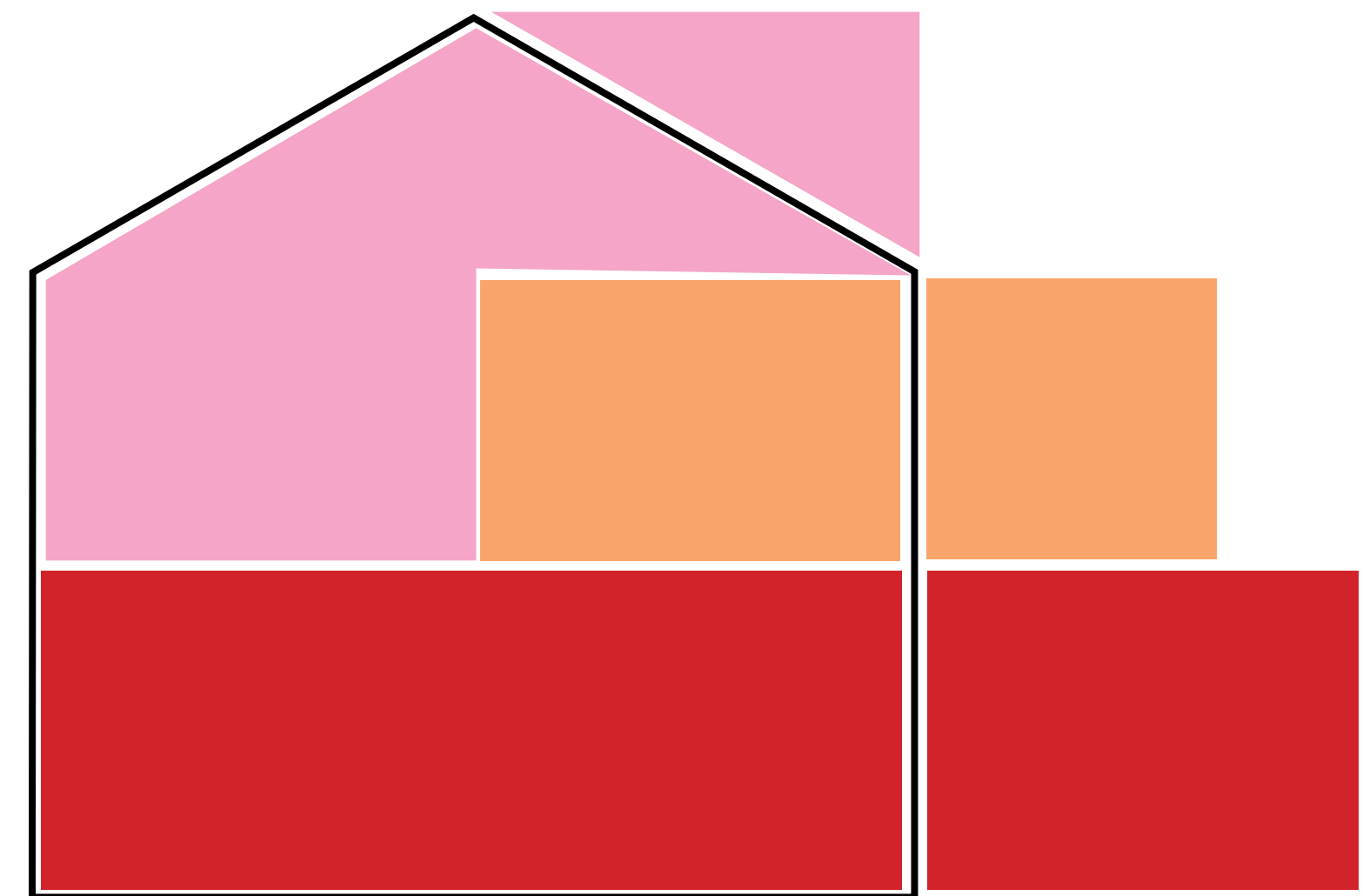
friends



elderly



What if we would split & expand our rowhouses into apartments?



What if we would split & expand our rowhouses into apartments? **What if we revitalized our neighborhoods?**

What if we would split & expand our rowhouses into apartments? What if we revitalized our neighborhoods? **What if we gave elderly people a change to stay in their homes, and at the same time give young people an affordable home?**

Integral solution

finding homes in existing



VACANCY

not building new buildings
& build with biobased



NITROGEN CRISIS



CLIMATE CRISIS

creating adequate housing



CHANGING DEMOGRAPHIC

cheaper way of building



AFFORDABILITY

revitalize neighborhoods



LONELINESS

creating chances for
everyone



EQUALITY

**Woning splitsen kan
honderdduizenden woningen
opleveren, maar veel gemeenten
werken tegen**



Het splitsen of delen van bestaande woningen heeft de potentie om tienduizenden tot misschien wel honderdduizenden woningen op te

Maandag 15 juni 2026 | Het laatste nieuws het eerst op NU.nl



Alexander Leeuw
Economieredacteur

21 nov 2025 om 05:14

1.7K reacties

Delen

Om de krapte op de woningmarkt te verhelpen kunnen huizen worden gesplitst. Voorheen waren mensen huiverig, maar experts zien er een snelle manier in om starters en senioren te helpen. "Met alleen nieuwbouw gaan we het niet halen."

splitsen kan duizenden woningen n, maar veel gemeenten egen



len van bestaande woningen heeft de potentie om
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splitsen kan duizenden woningen en, maar veel gemeenten tegen

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Huizen splitsen is snel middel t maar regels zitten in de weg



Alexander Leeuw
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21 nov 2025 om 05:14

Om de krapte op de woningmarkt te verhelp gesplitst. Voorheen waren mensen huiverig snelle manier in om starters en senioren te nieuwbouw gaan we het niet halen."

Splitsen rijtjeshuizen helpt half miljoen woningzoekenden aan huis

17 november 2025 365



Traditionele rijtjeshuizen ombouwen voor extra bewoning, kan alleen als gemeenten vergunningvrij woningsplitsen en -delen toestaan. - Foto: Canva

MAGAZINE ARTIKELN

VACATURES

[Transactiemanager vastgoed](#)

Full/Part Time - Amstelveen - Woonzorg

[KRMT / RM / RMT Makelaar](#)

Full/Part Time - Wijchen - ZBCconnected

[Junior Assetmanager](#)

Full Time - Naarden - Newomij

MEER VACATURES

VACATURE PLAATSEN

Tijd besparen?
Geld besparen?



Tijd besparen én opvallen met jouw vastgoedpromotie?





nieuwsuur



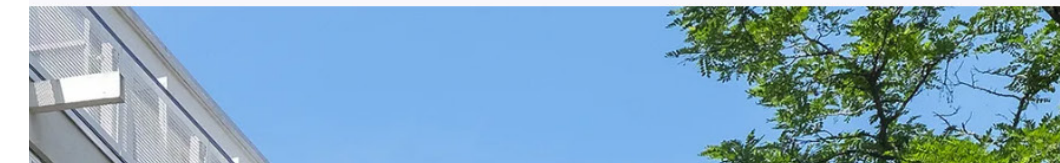
Donderdag 26 februari, 00:43

Rijksbouwmeester: woningsplitsing op korte termijn belangrijker dan nieuwbouw

snelle manier in om starters en senioren te
nieuwbouw gaan we het niet halen."

Traditionele rijtjeshuizen ombouwen voor extra bewoning, kan alleen als gemeenten vergunningvrij woningsplitsen en -delen toestaan. - Foto: Canva

kan en woningen veel gemeenten



helpt half miljoen n huis

WhatsApp Email

MAGAZINE ARTIKELN



VACATURES

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Full/Part Time - Amstelveen - Woonzorg
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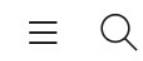


nieuwsuur

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Log in

Abonneren vanaf €1,95 per week



V+ REPORTAGE

Zet de zaag in dat grote gezinshuis: 'Splitsen, splitsen, splitsen' is het nieuwe 'bouwen, bouwen, bouwen'



Traditionele rijtjeshuizen ombouwen voor extra bewoning, kan alleen als gemeenten vergunningvrij woningsplitsen en -delen toestaan. - Foto: Canva



Net binnen

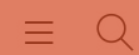
Algemeen

Economie

Sport

Media, Cultuur en Achterklap

Shop



de Volkskrant

Log in

Abonneren vanaf €1,95 per week



Vandaag | Iran-oorlog | WK voetbal | Series | Cultuur & Media | Beter Leven | Puzzels | Sport | Podcasts

V+ REPORTAGE

Zet de zaag in dat grote gezinshuis:
'Splitsen, splitsen, splitsen' is het nieuwe
'bouwen, bouwen, bouwen'

Where are we waiting for?

nieuwsuur

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Tijd besparen én opvallen met jouw vastgoedpromotie?

THE PROJECT
WHAT DID I DEVELOP?

CONCEPT DEVELOPER



PROJECT

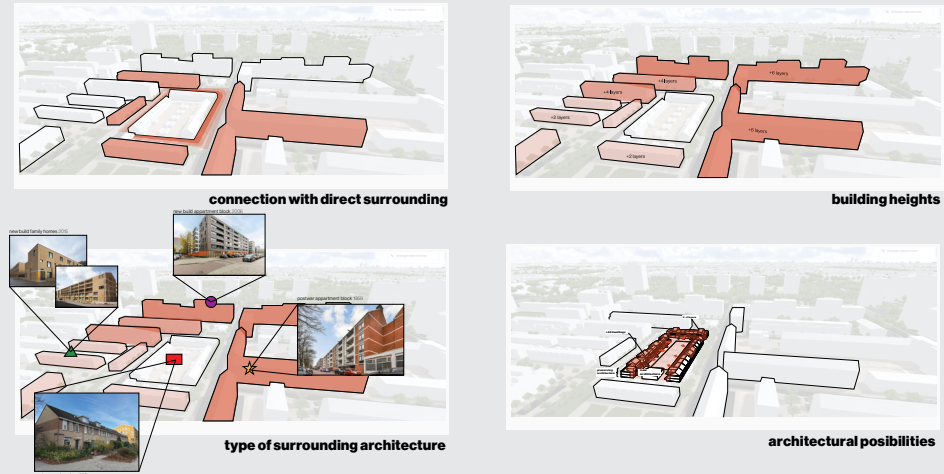
ARCHITECT



The Concept: Op-en-Top-Wonen

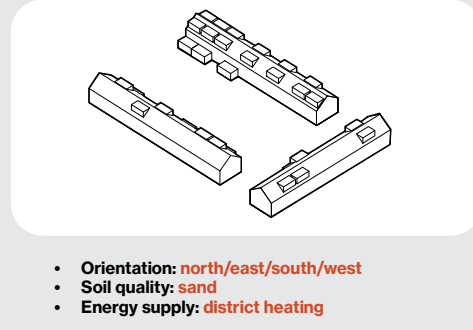
01 INPUT: ANALYSIS & GOALS

01 Analysis spatial context



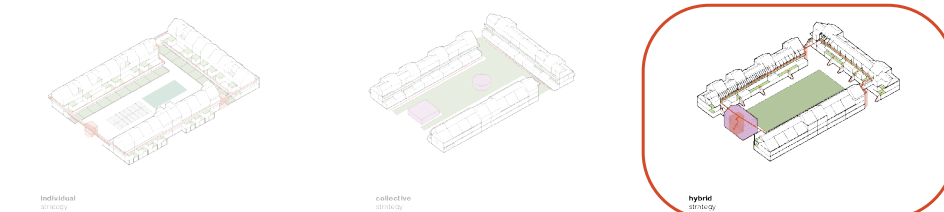
02 Project information

- Urban setting: urban / semi-urban / village / Vinex
- Urban typology: row / single / duo / block / area
- Rowhouse typology:
- Building year: 1989
- Location: Amsterdam
- Amount houses: 29
- Household demography: 6x single person, 9x families, 14x couples



- Orientation: north/east/south/west
- Soil quality: sand
- Energy supply: district heating

03 Project Goals



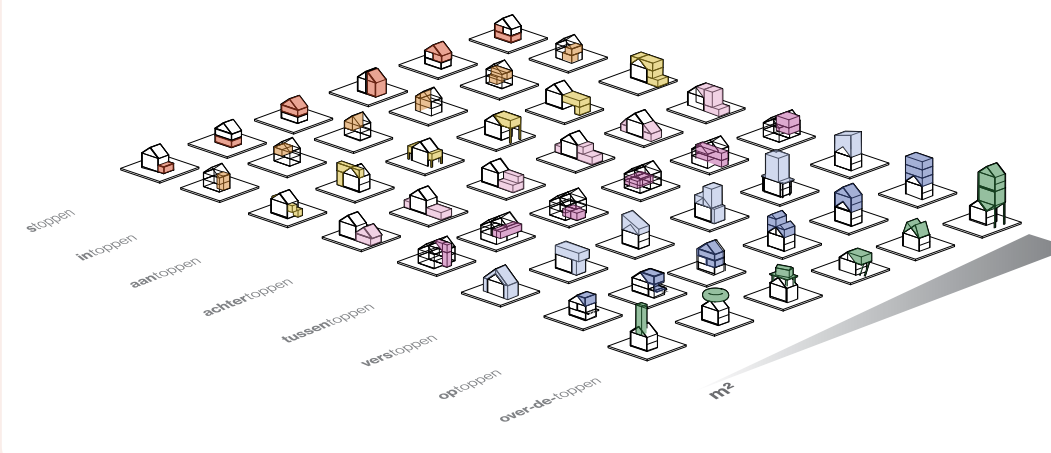
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04 Estimated houses to add

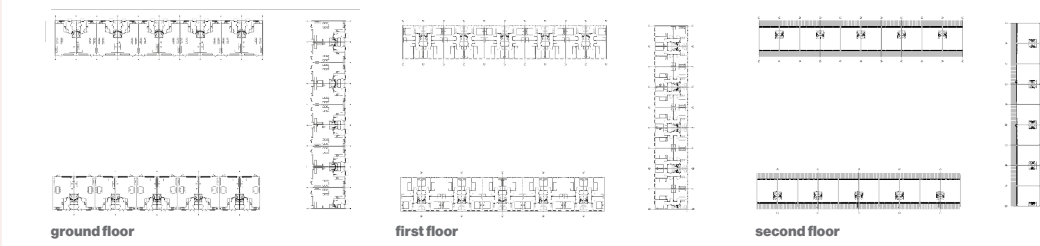
from 29 to **73** + 44 houses

02 TOP STRATEGY

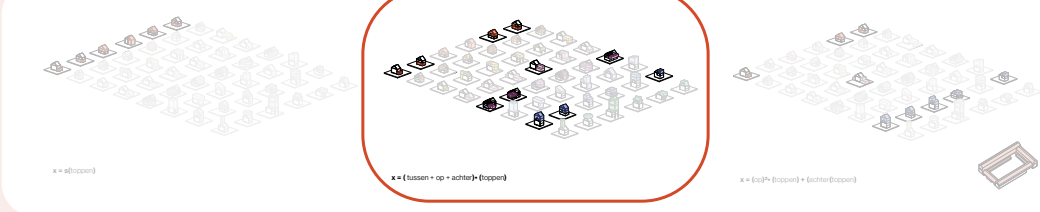
01 Top strategies matrix



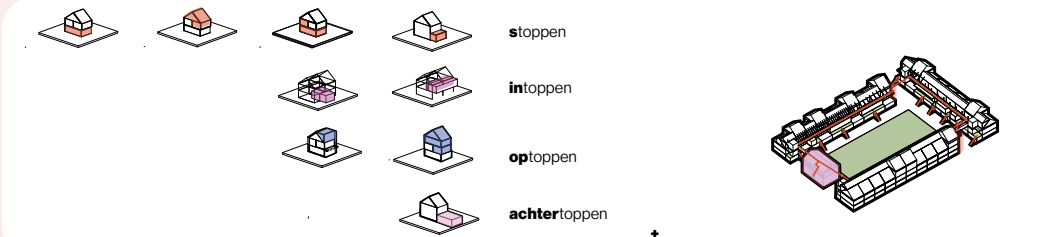
02 Compare floorplans with strategies



03 Mix & match strategies

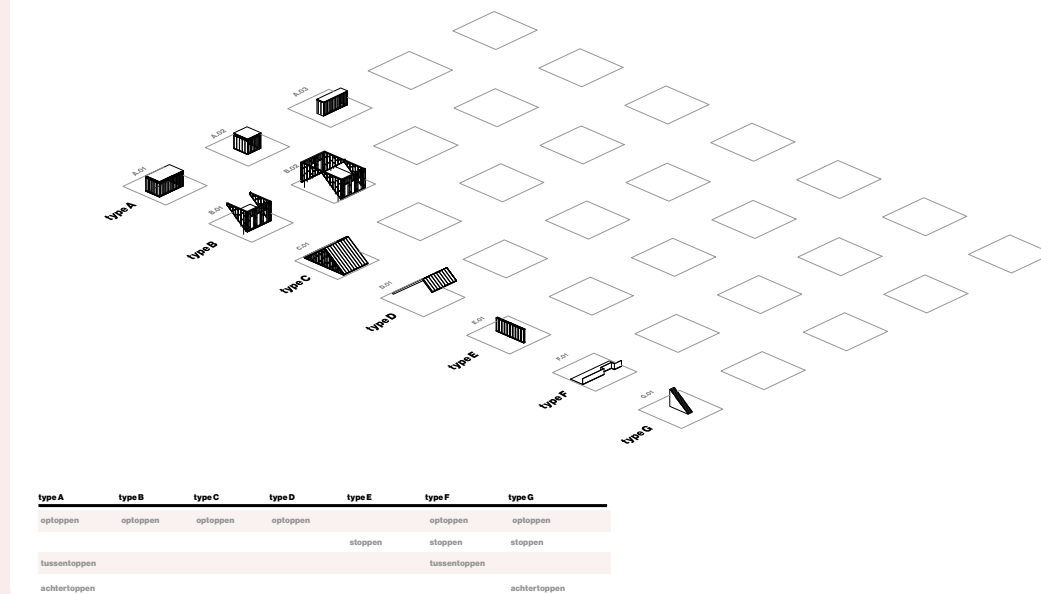


04 Pick your combination

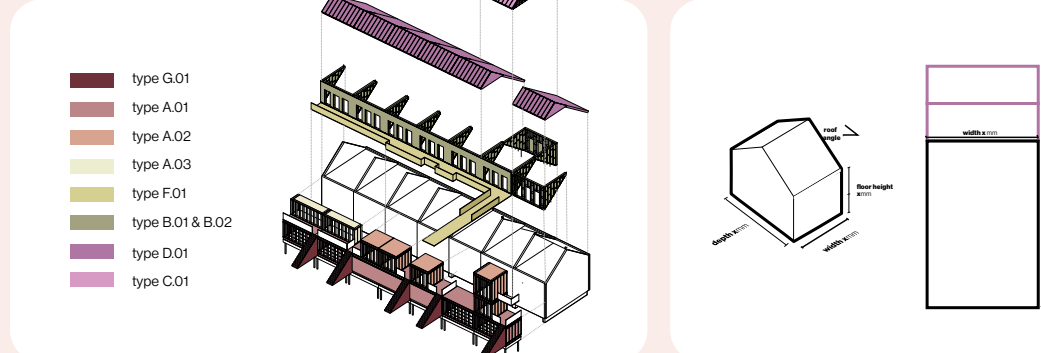


03 MODULE MATRIX

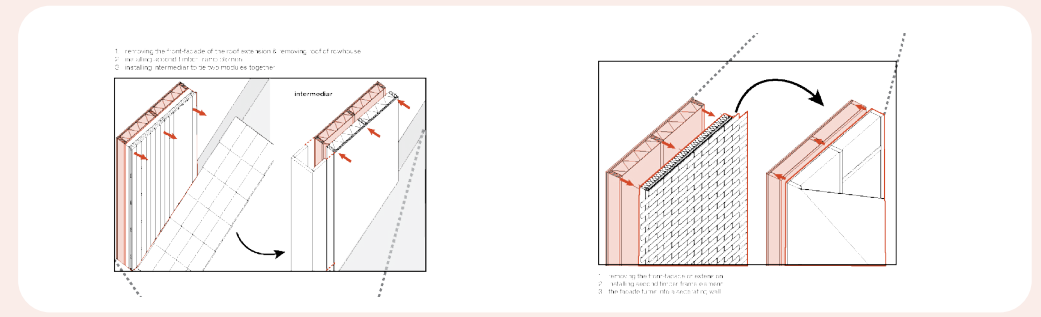
01 Module Matrix



02 Chosen modules

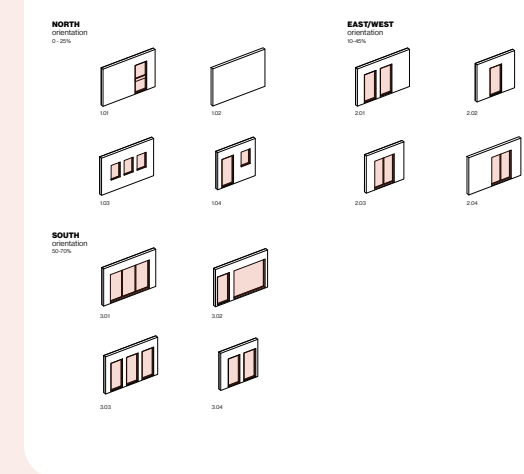


03 Important connections

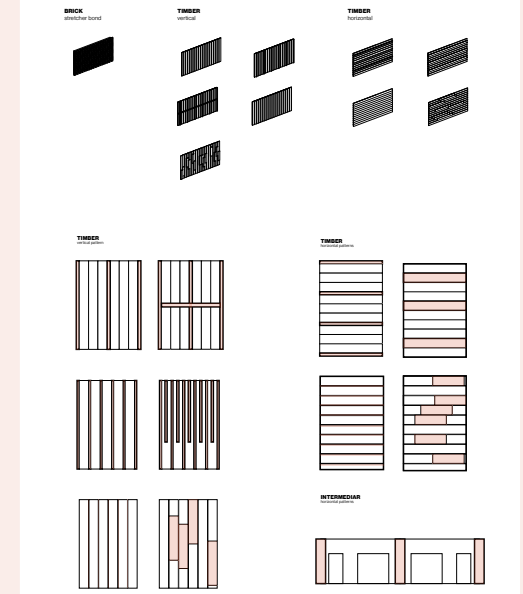


04 FAÇADE FAIR

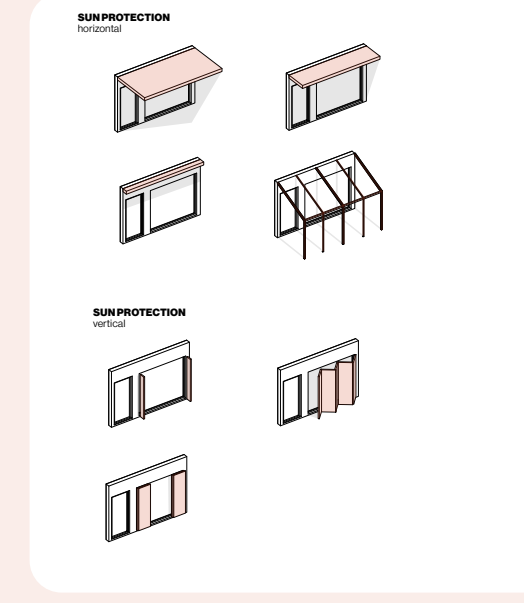
01 ORIENTATION FACADES



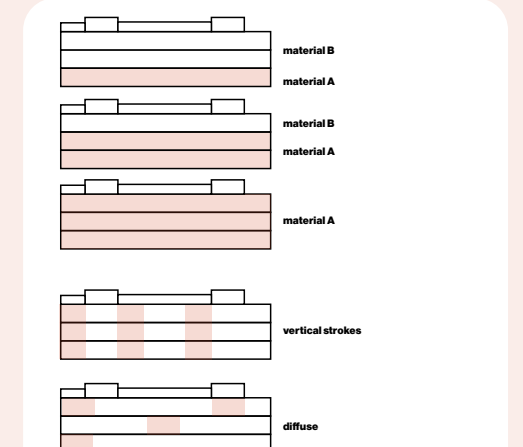
02 MATERIAL & PATTERNS



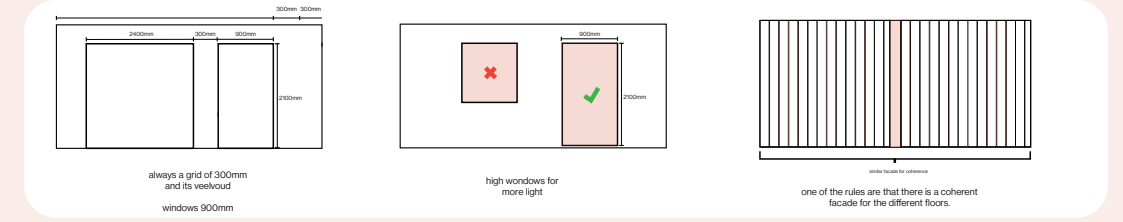
03 SUN PROTECTION



04 PICK A STRUCTURE

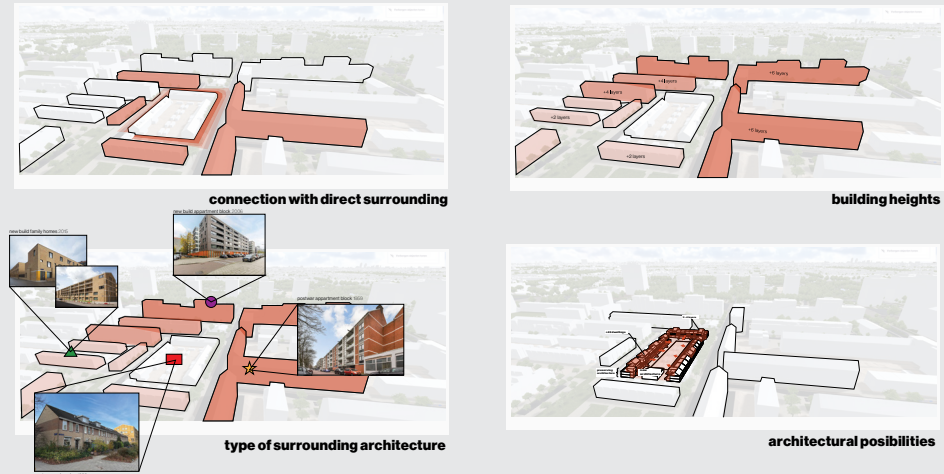


05 SET UP FACADE RULES



01 INPUT: ANALYSIS & GOALS

01 Analysis spatial context



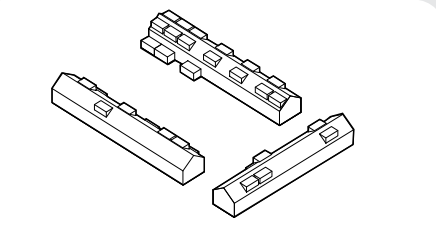
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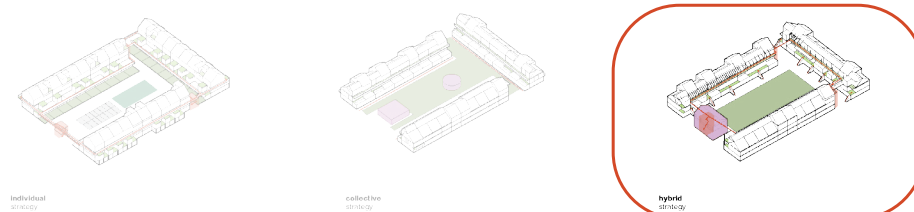


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03 Project Goals



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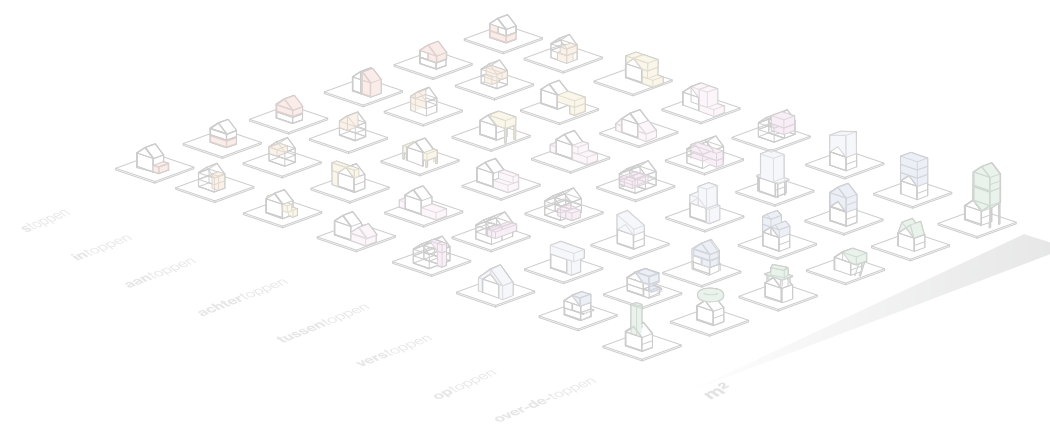
04 Estimated houses to add

from 29 to **73** + 44 houses

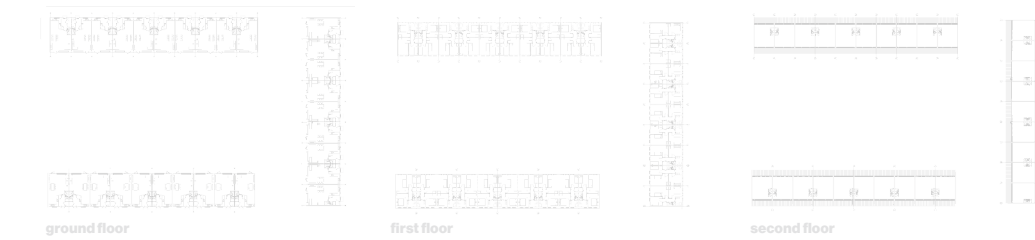
x2,5

02 TOP STRATEGY

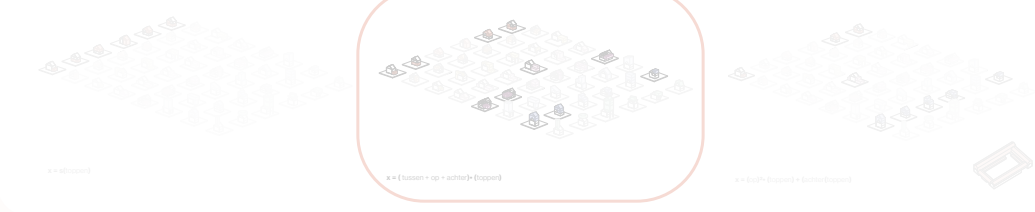
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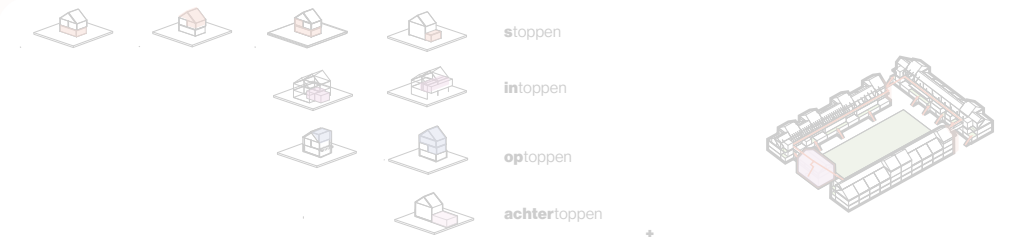
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03 Mix & match strategies



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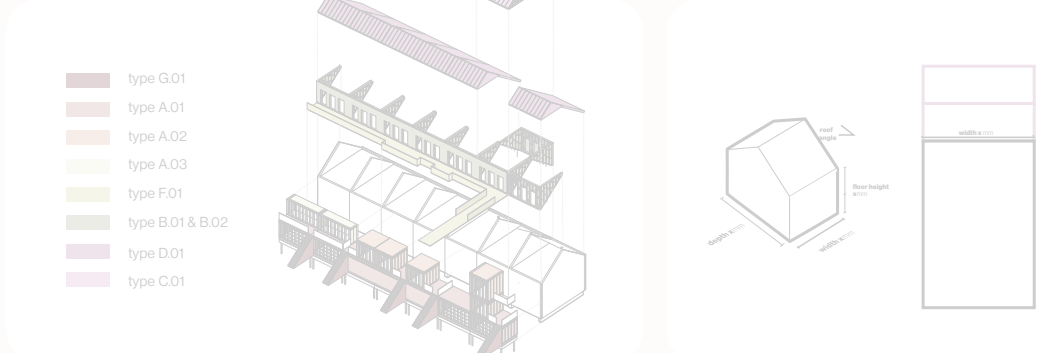


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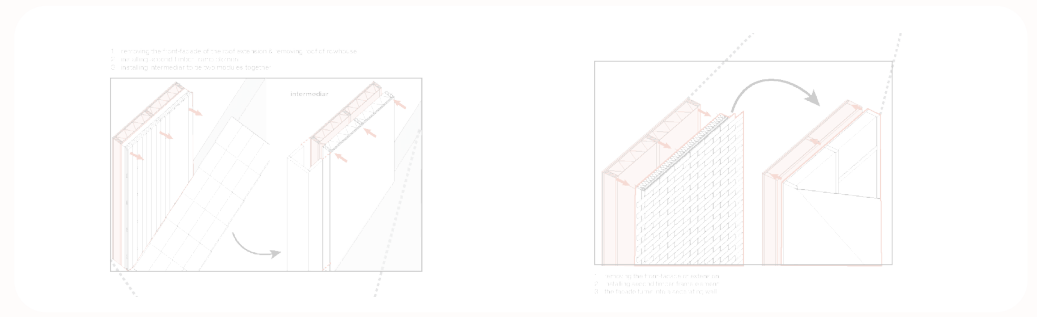
01 Module Matrix



02 Chosen modules

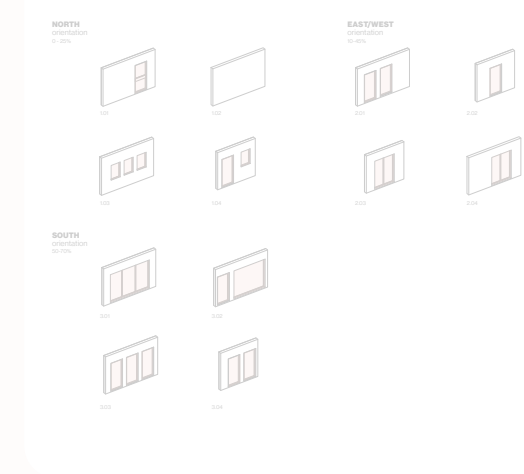


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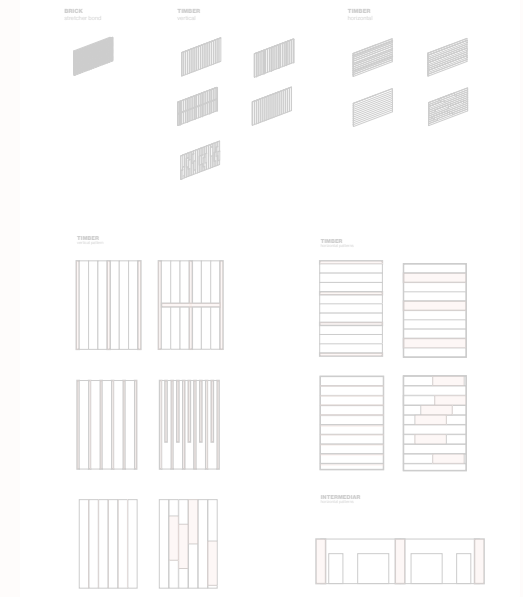


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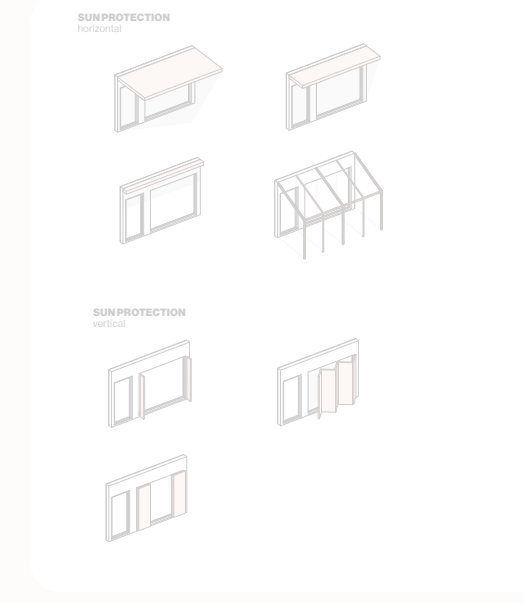
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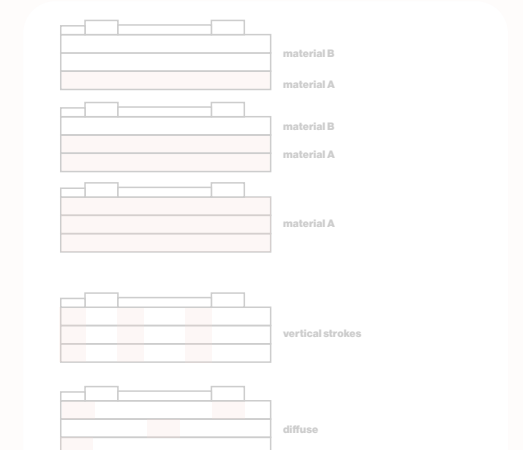
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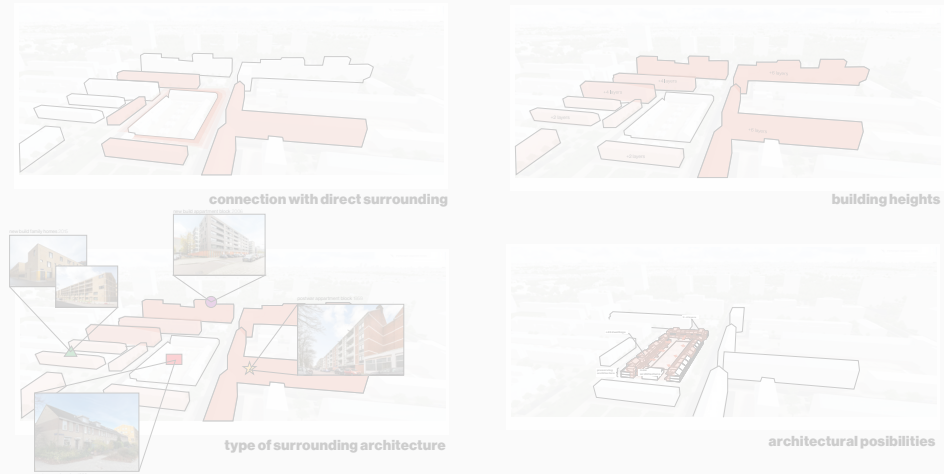


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01 INPUT: ANALYSIS & GOALS

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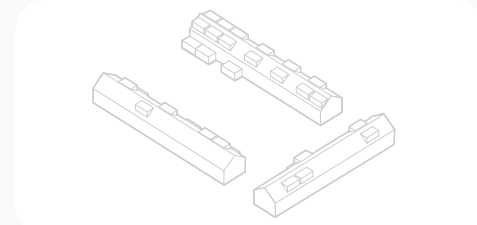
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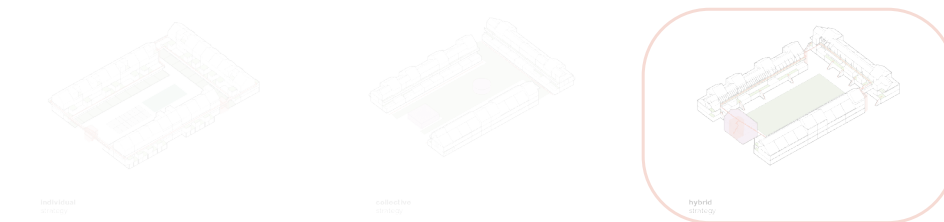


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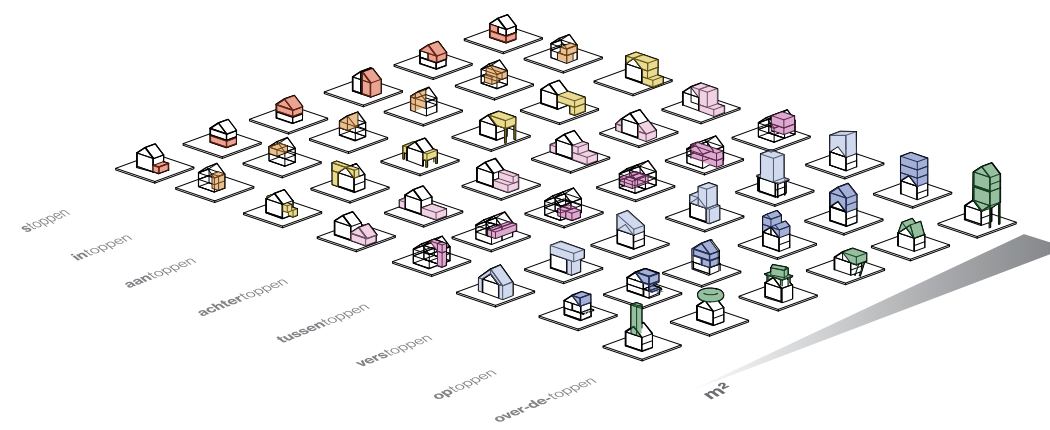
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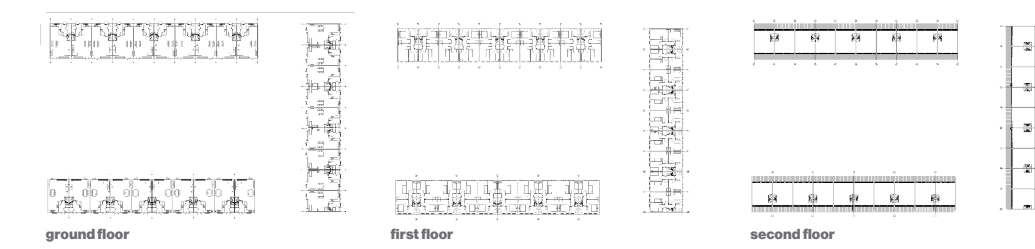
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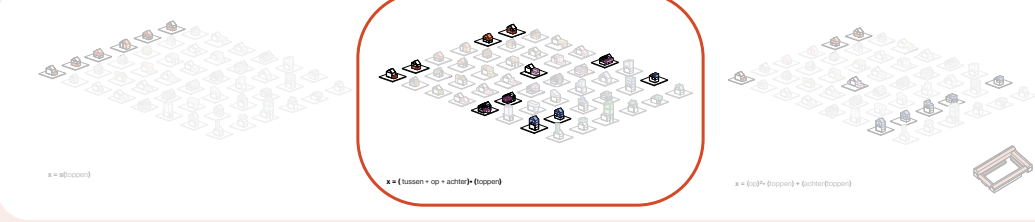
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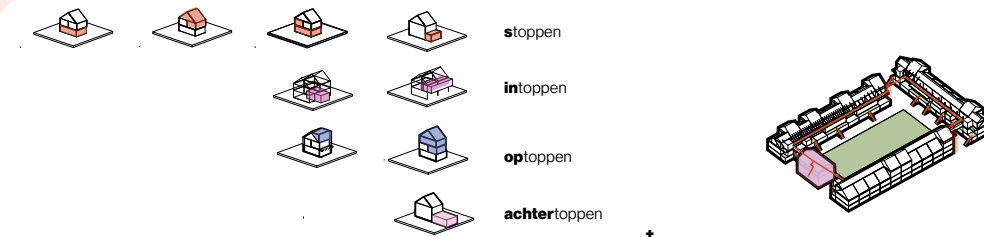
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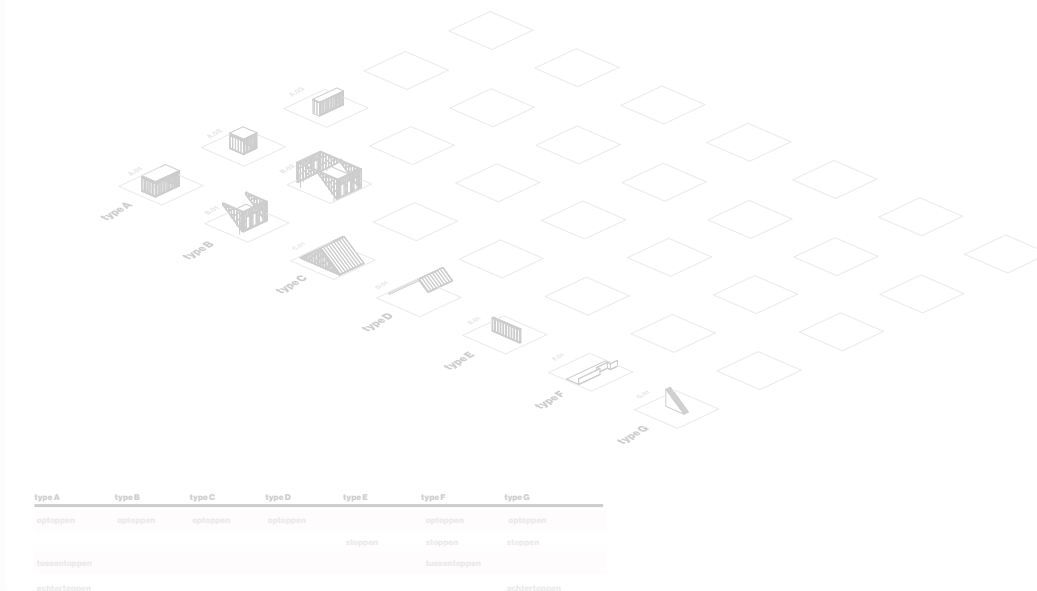


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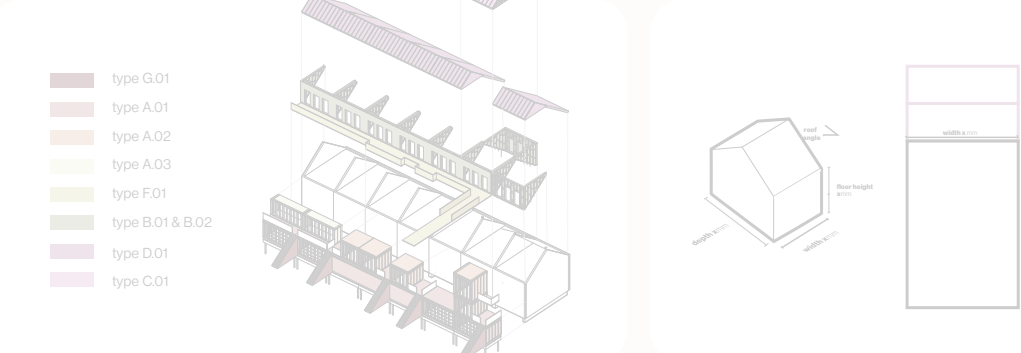


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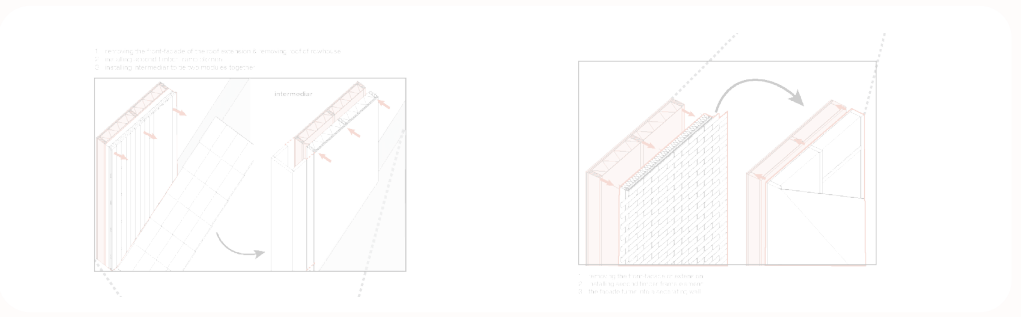
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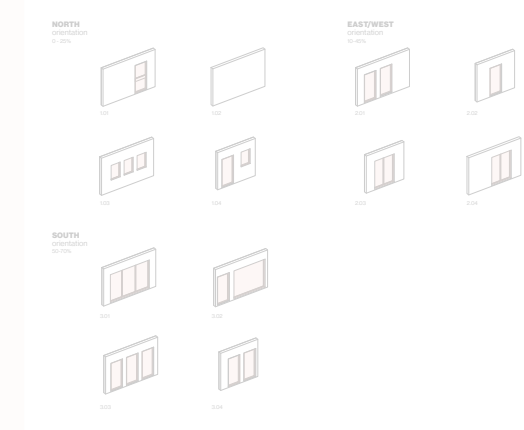


03 Important connections

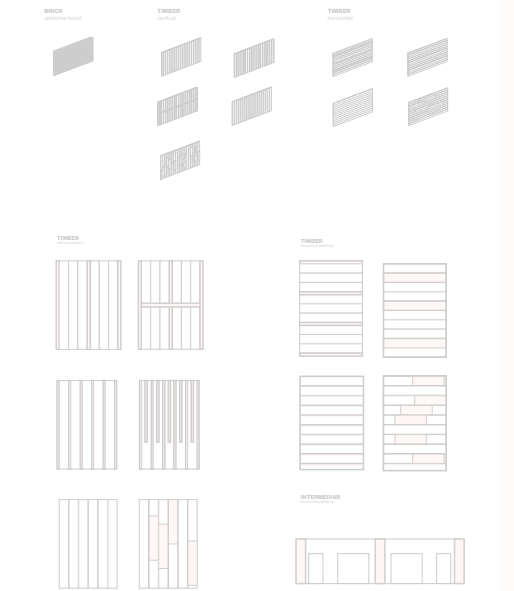


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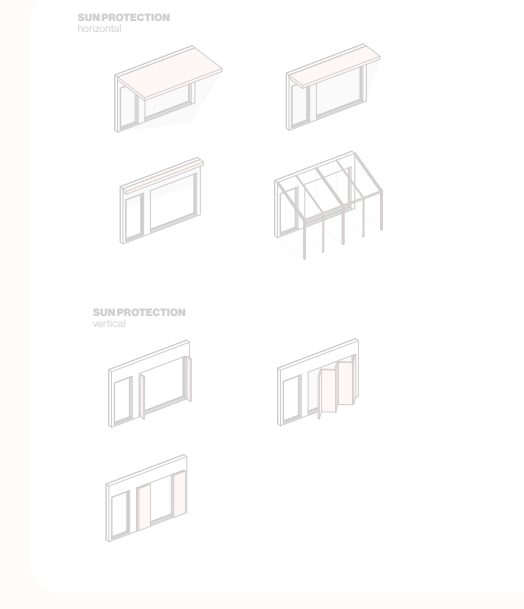
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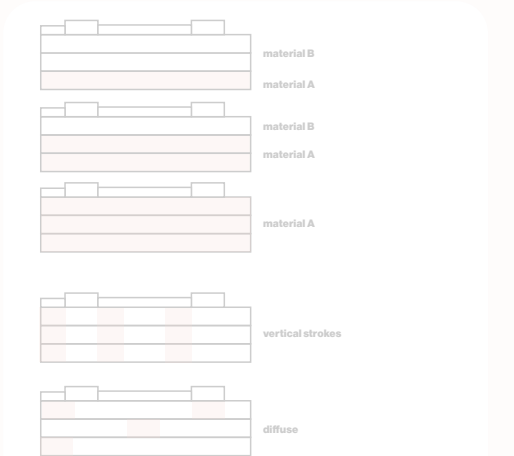
02 MATERIAL & PATTERNS



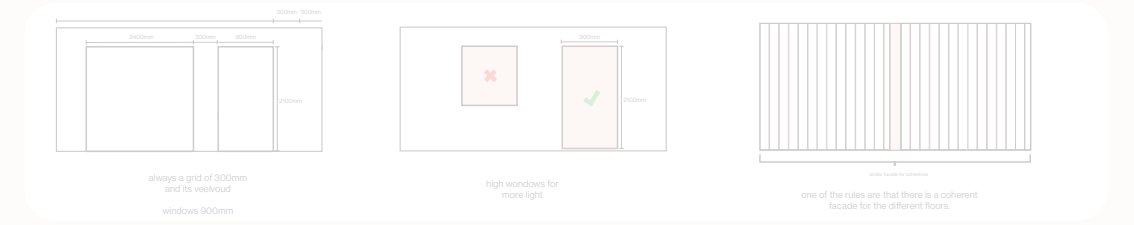
03 SUN PROTECTION



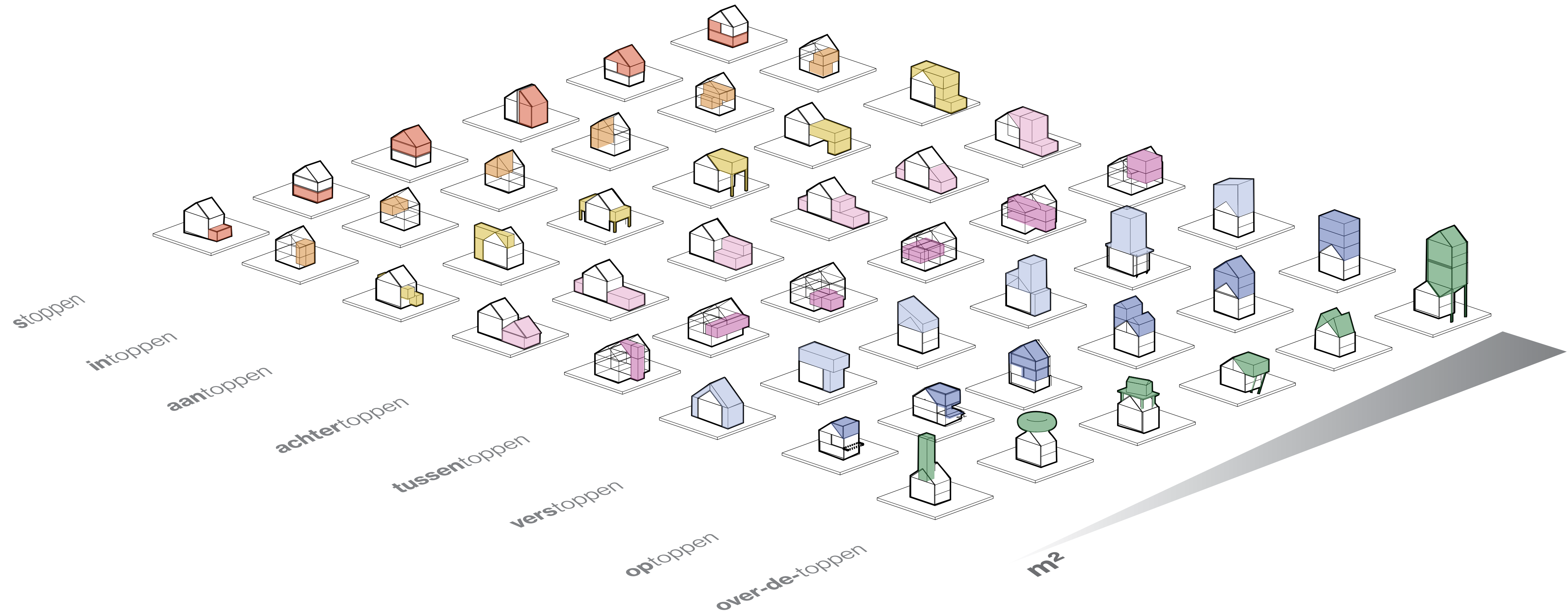
04 PICK A STRUCTURE



05 SET UP FACADE RULES

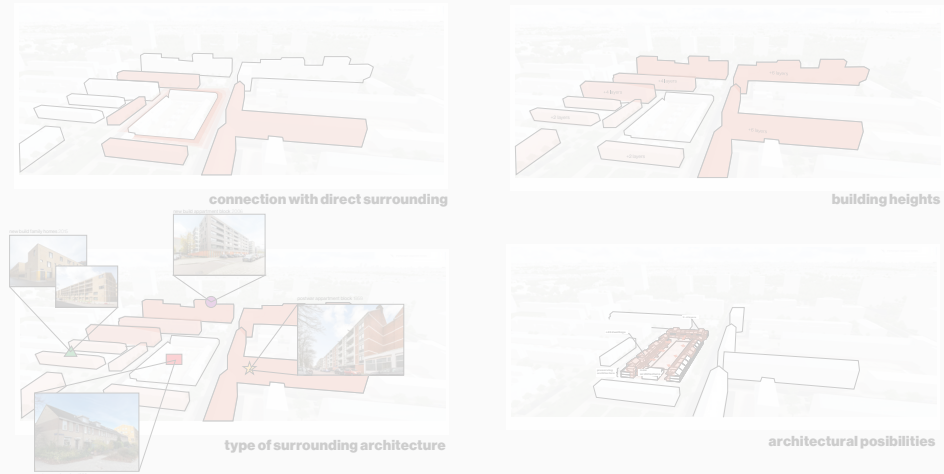


Top strategy matrix



01 INPUT: ANALYSIS & GOALS

01 Analysis spatial context



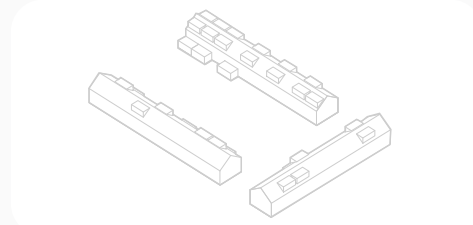
02 Project information

- Urban setting: urban / semi-urban / village / Vinex
- Urban typology: row / single / duo / block / area

Rowhouse typology:

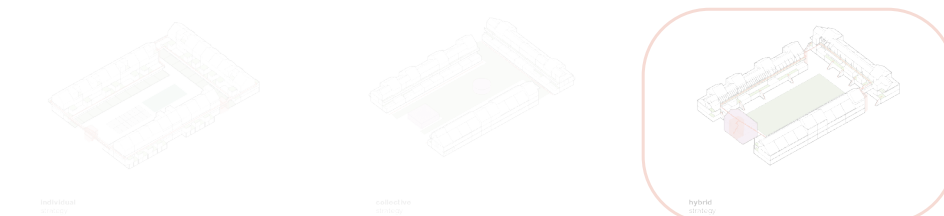


- Building year: 1989
- Location: Amsterdam
- Amount houses: 29
- Household demography: 6x single person, 9x families, 14x couples



- Orientation: north/east/south/west
- Soil quality: sand
- Energy supply: district heating

03 Project Goals



- Collective spaces: washing room, collective livingroom, study space, workshop
- Special requests: collective inner courtyard with swimming pond. Balance between collectivity and private space

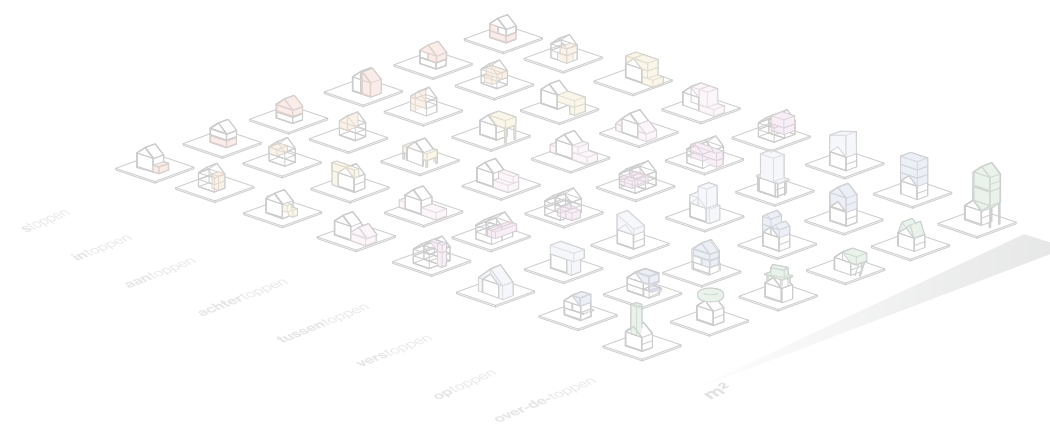
04 Estimated houses to add

from 29 to **73** + 44 houses

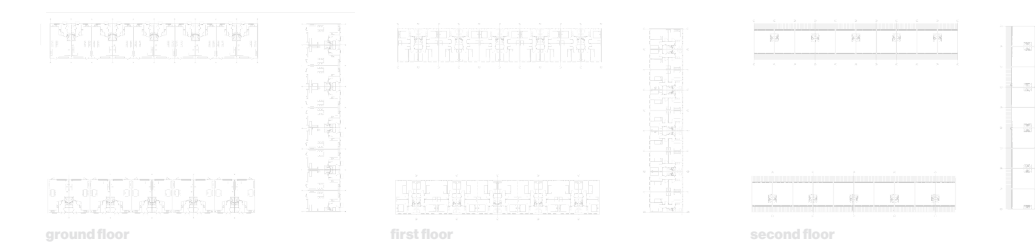
x2,5

02 TOP STRATEGY

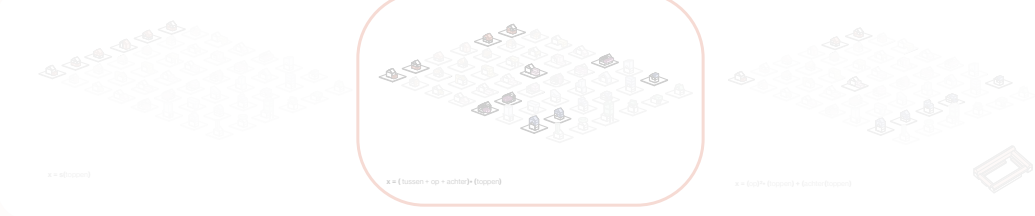
01 Top strategies matrix



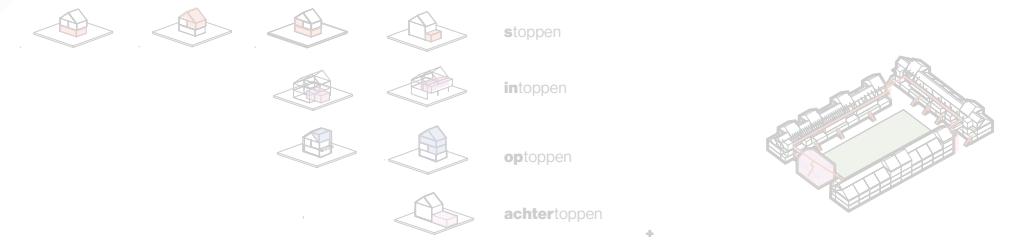
02 Compare floorplans with strategies



03 Mix & match strategies

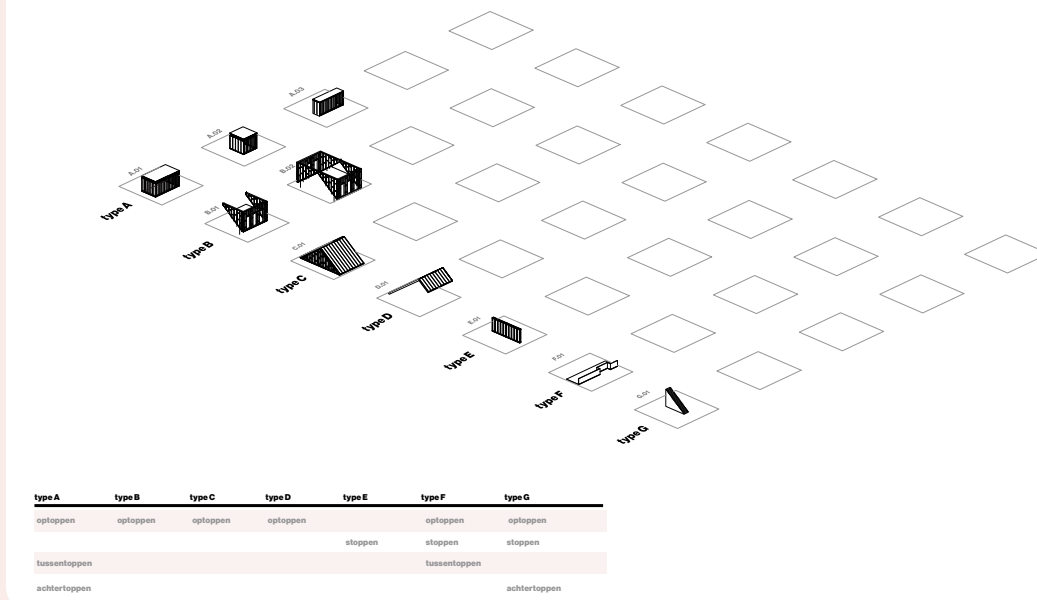


04 Pick your combination



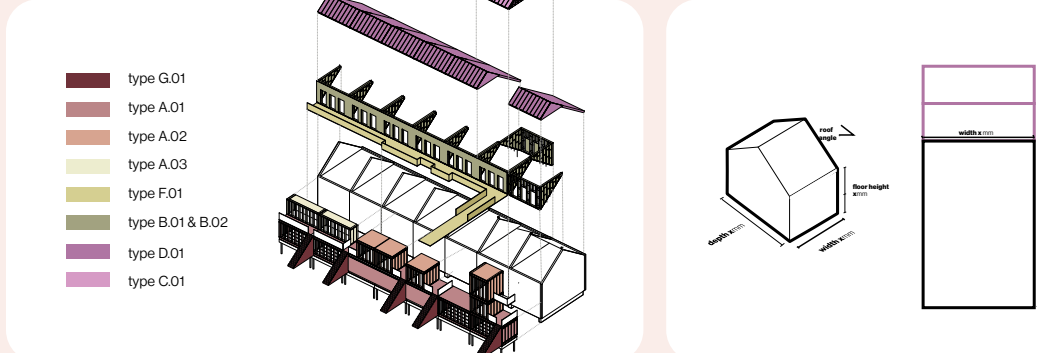
03 MODULE MATRIX

01 Module Matrix

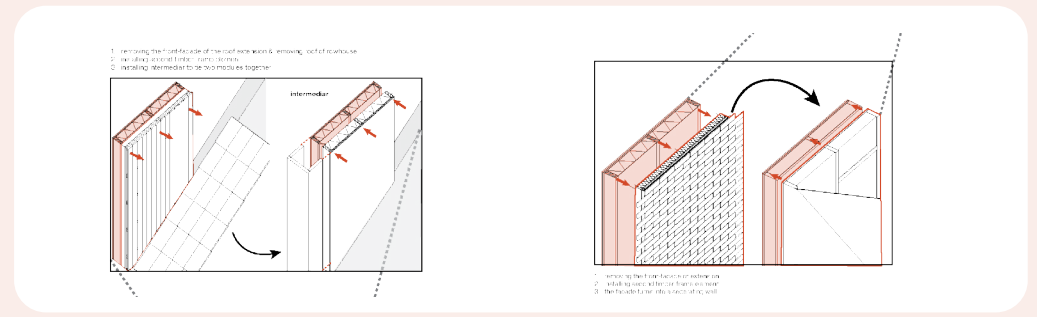


| type A | type B | type C | type D | type E | type F | type G |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| optoppen | optoppen | optoppen | optoppen | optoppen | optoppen | optoppen |
| voortoppen | voortoppen | voortoppen | voortoppen | voortoppen | voortoppen | voortoppen |
| achtertoppen | achtertoppen | achtertoppen | achtertoppen | achtertoppen | achtertoppen | achtertoppen |

02 Chosen modules

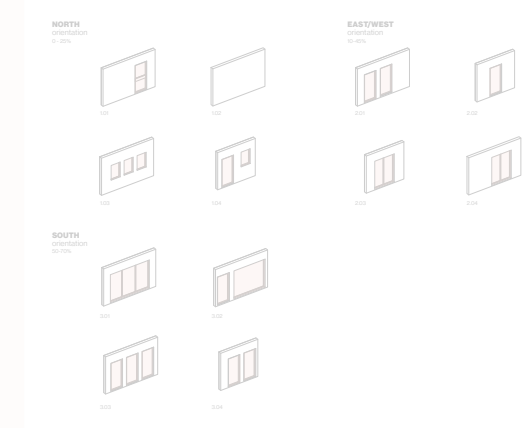


03 Important connections

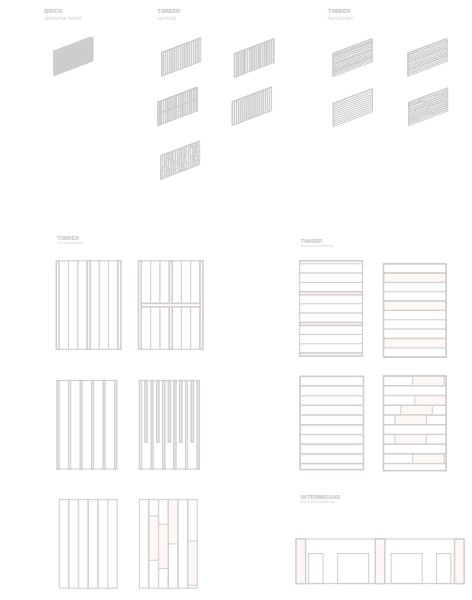


04 FAÇADE FAIR

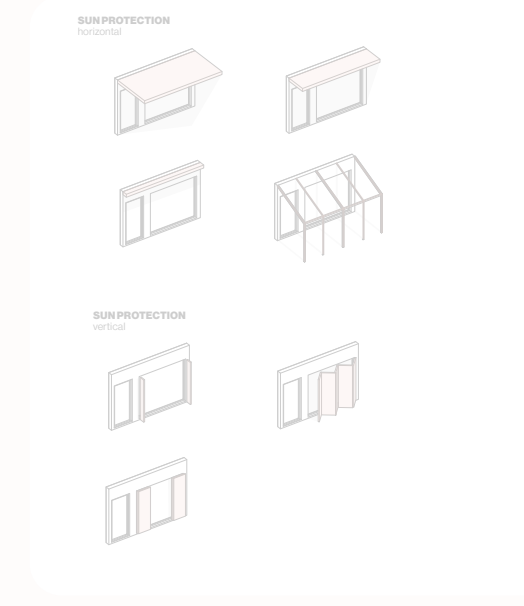
01 ORIENTATION FACADES



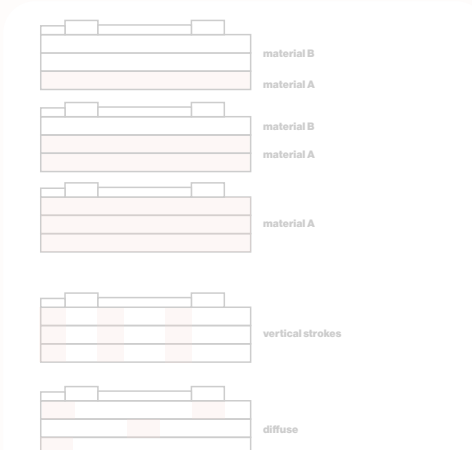
02 MATERIAL & PATTERNS



03 SUN PROTECTION



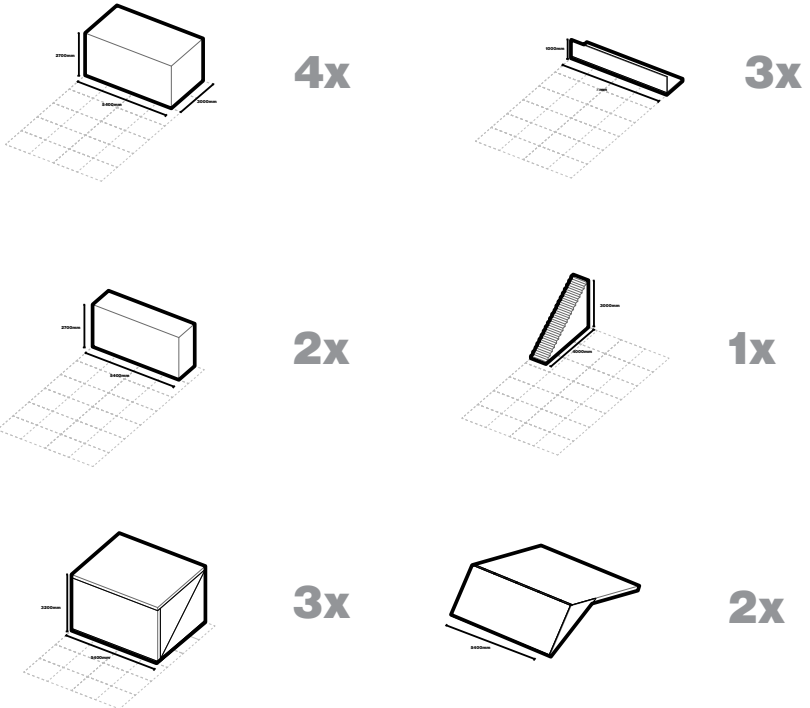
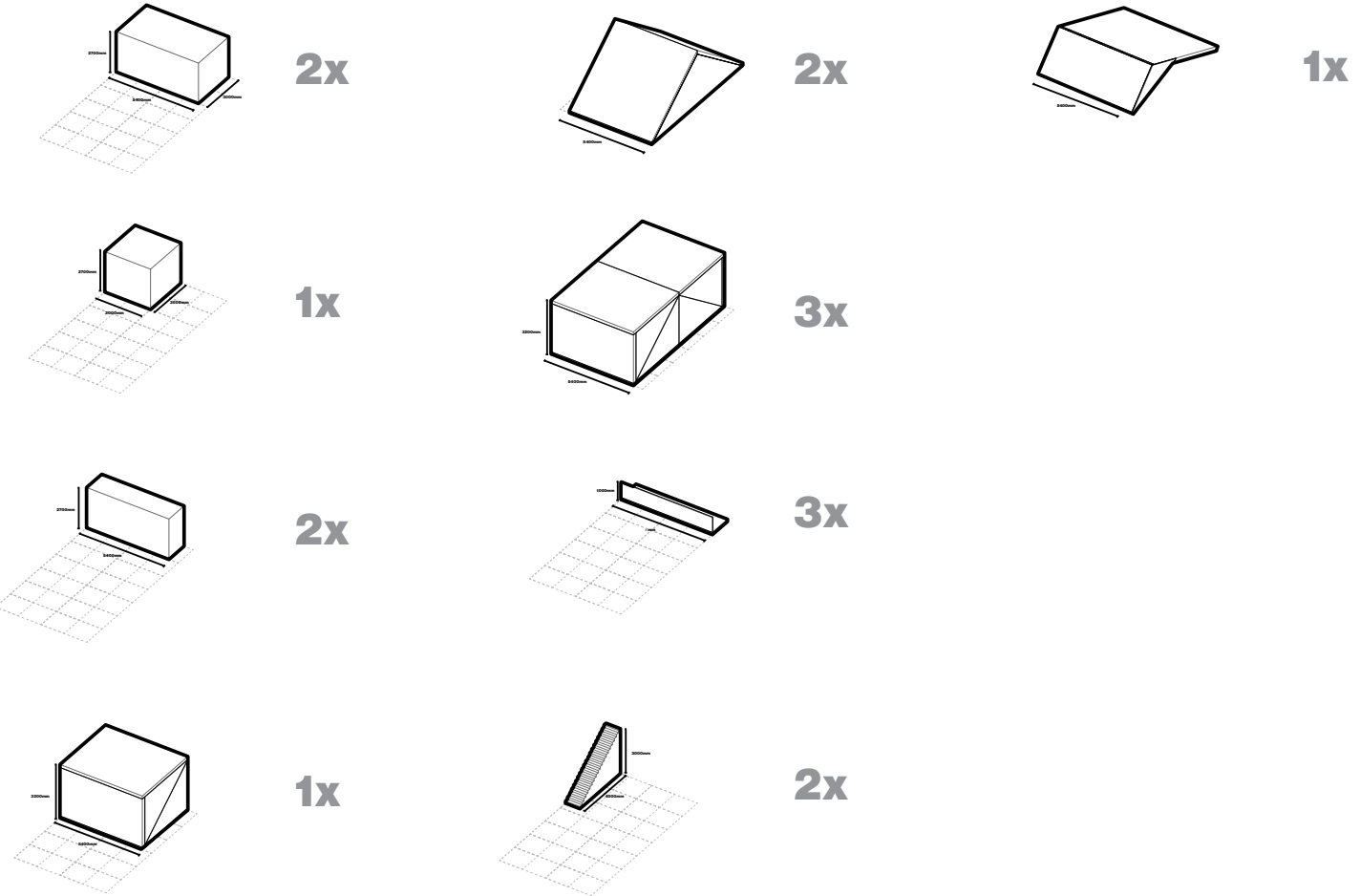
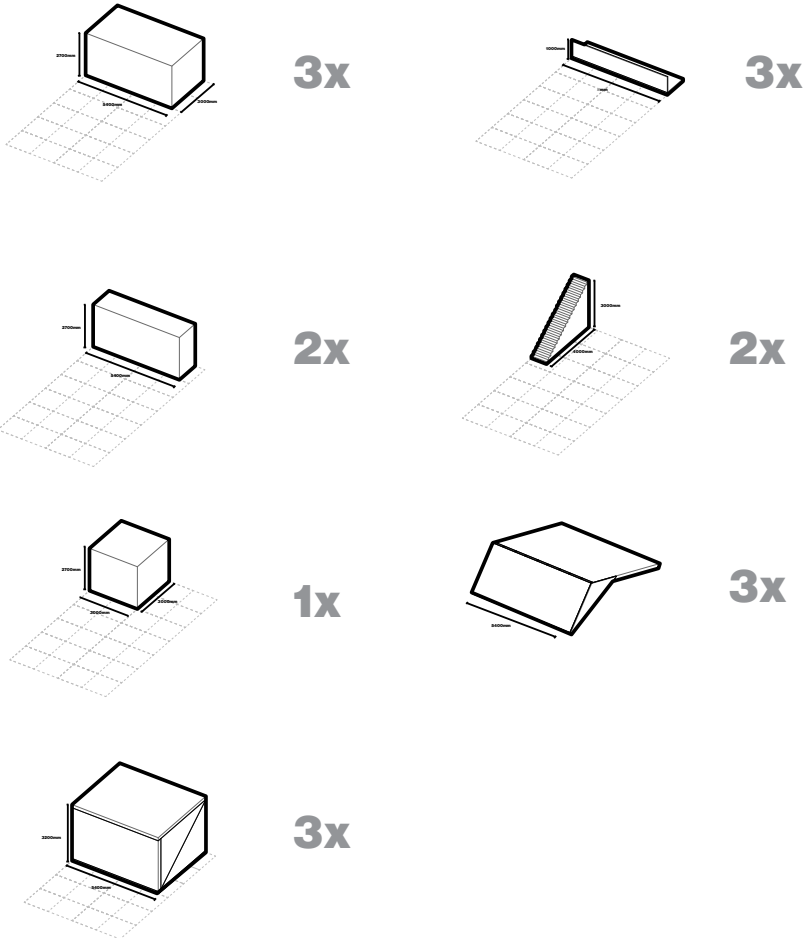
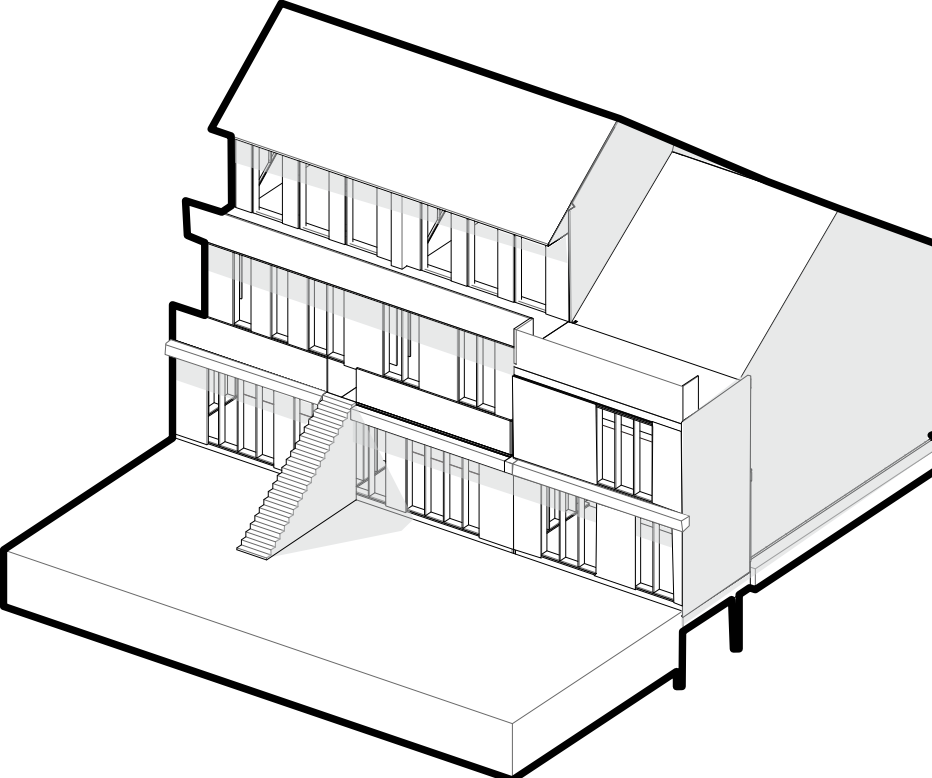
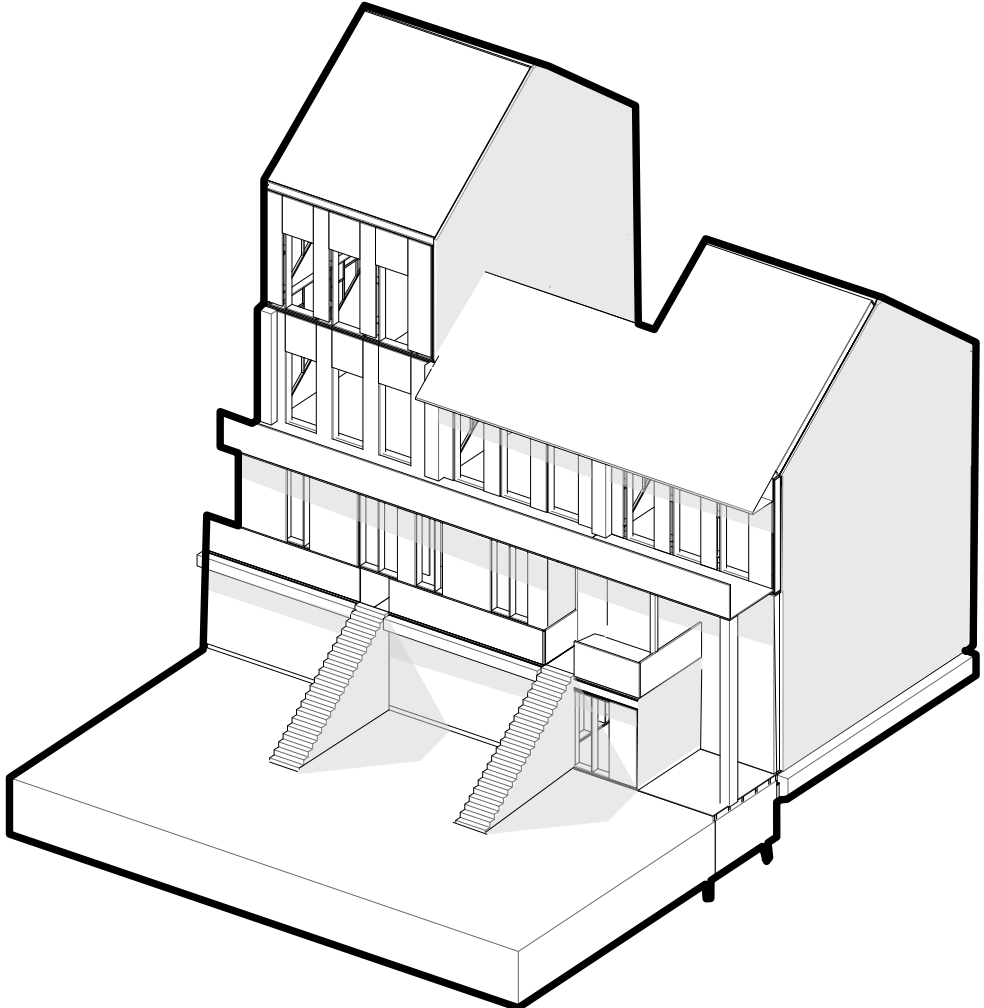
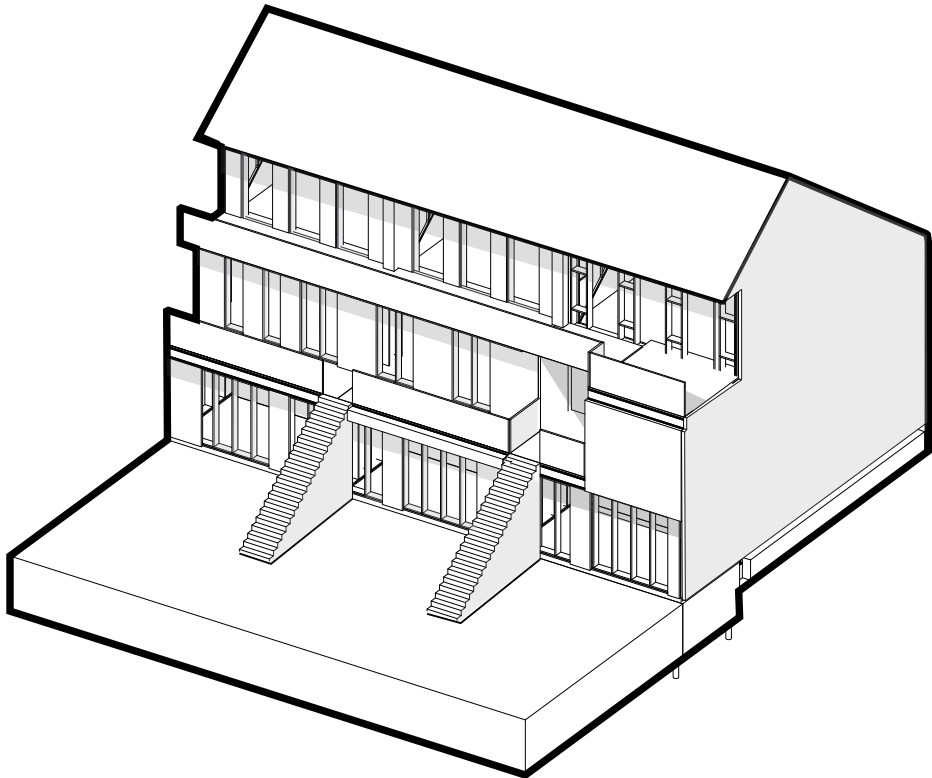
04 PICK A STRUCTURE



05 SET UP FACADE RULES

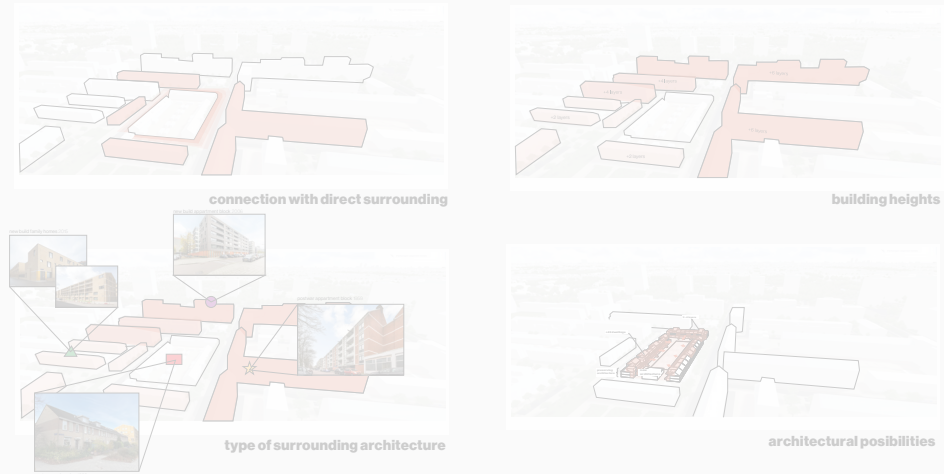


Modules



01 INPUT: ANALYSIS & GOALS

01 Analysis spatial context



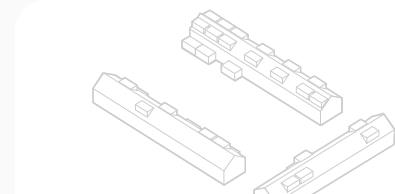
02 Project information

- Urban setting: urban / semi-urban / village / Vinex
- Urban typology: row / single / duo / block / area

Rowhouse typology:

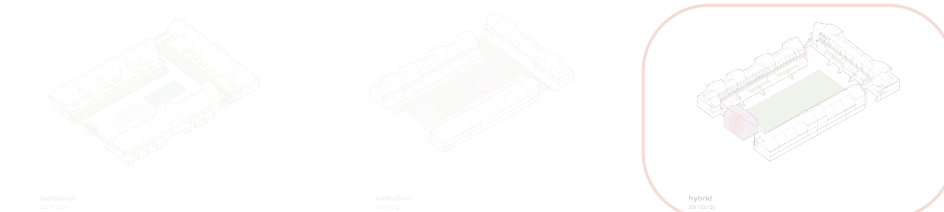


- Building year: 1989
- Location: Amsterdam
- Amount houses: 29
- Household demography: 6x single person, 9x families, 14x couples



- Orientation: north/east/south/west
- Soil quality: sand
- Energy supply: district heating

03 Project Goals



- Collective spaces: washing room, collective livingroom, study space, workshop
- Special requests: collective inner courtyard with swimming pond. Balance between collectivity and private space

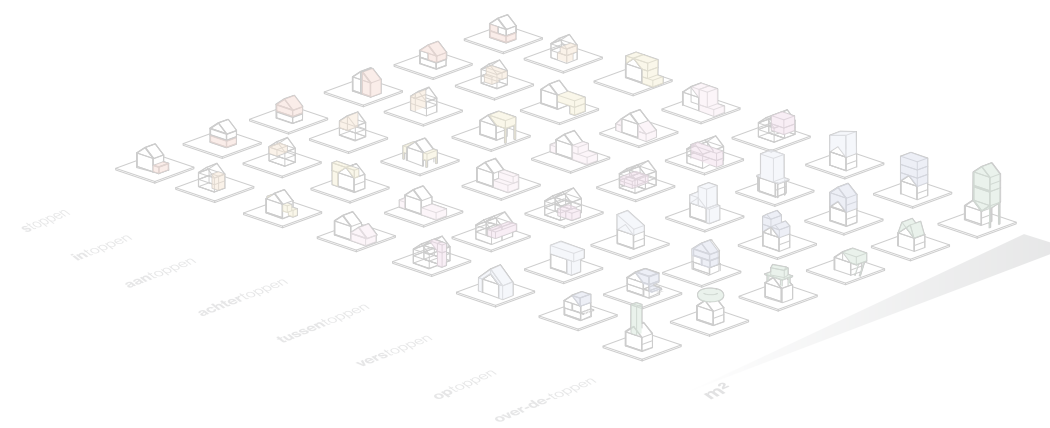
04 Estimated houses to add

from 29 to **73** + 44 houses

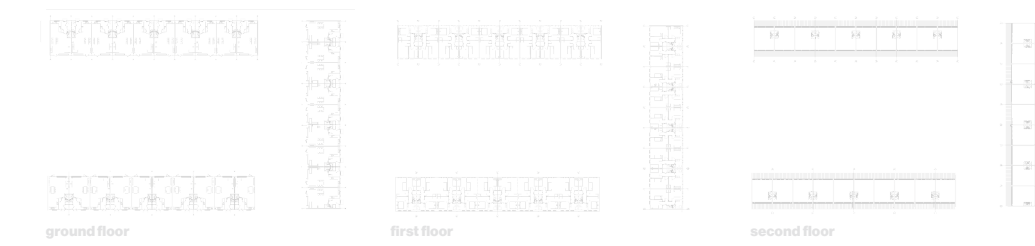
x2,5

02 TOP STRATEGY

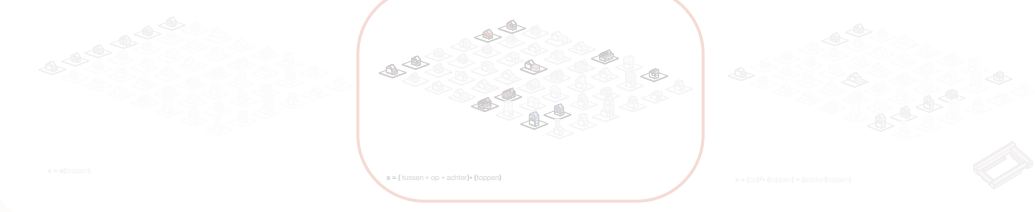
01 Top strategies matrix



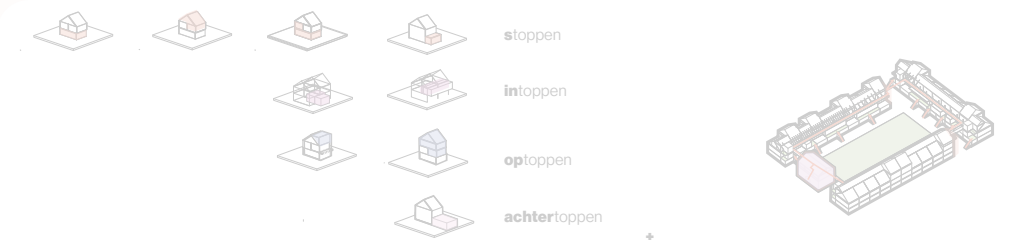
02 Compare floorplans with strategies



03 Mix & match strategies

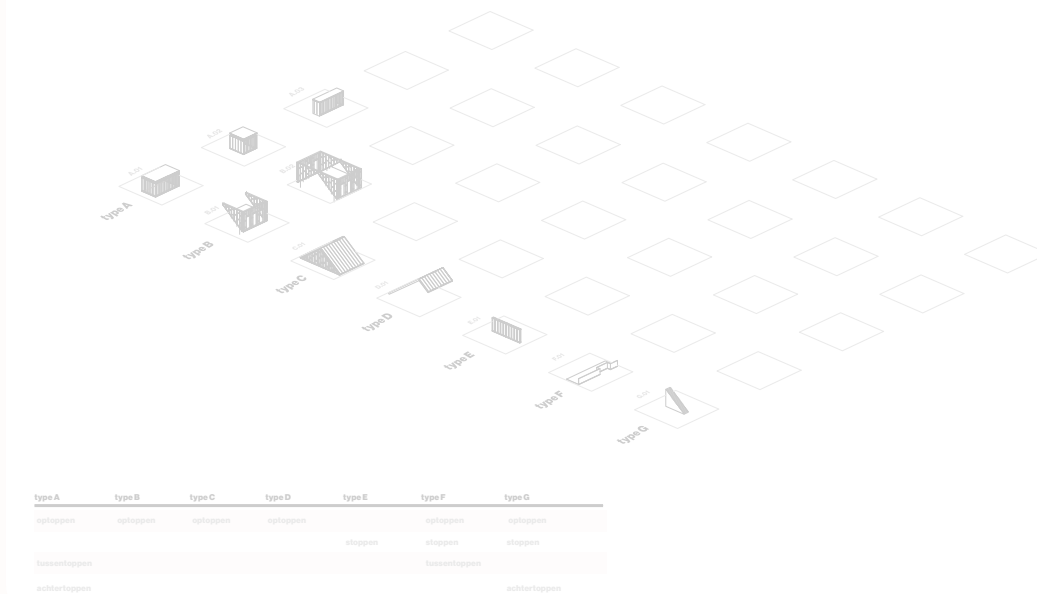


04 Pick your combination



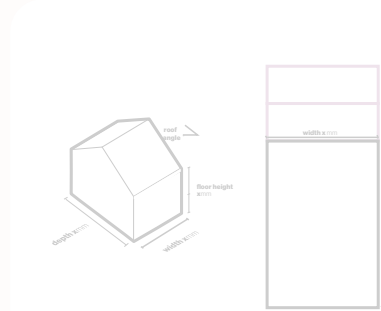
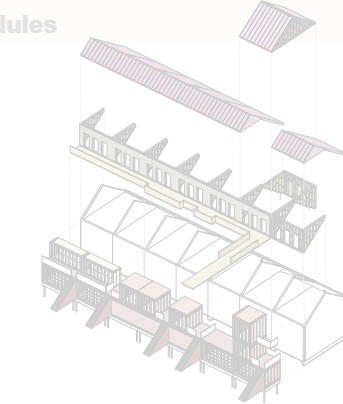
03 MODULE MATRIX

01 Module Matrix

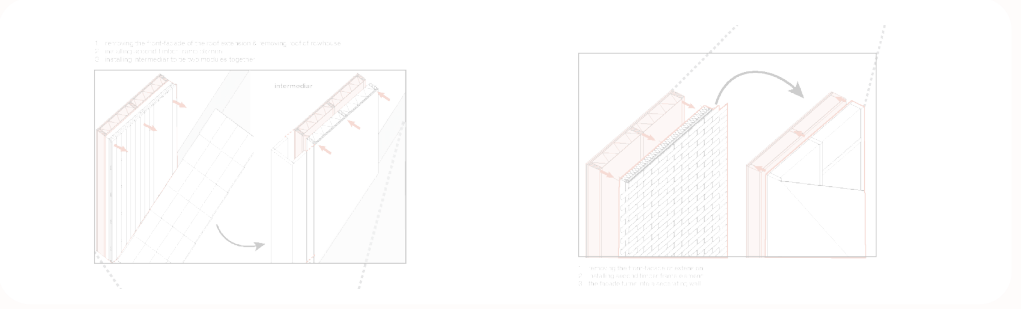


02 Chosen modules

- type G.01
- type A.01
- type A.02
- type A.03
- type F.01
- type B.01 & B.02
- type D.01
- type C.01

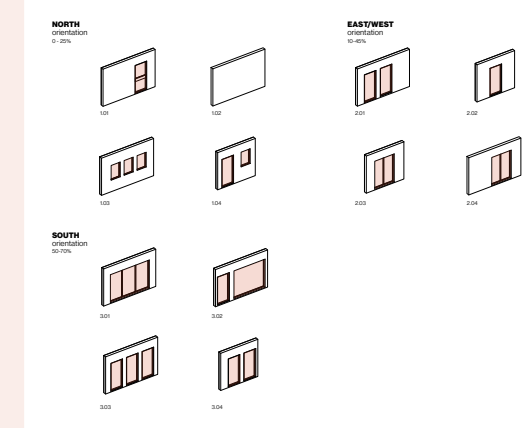


03 Important connections

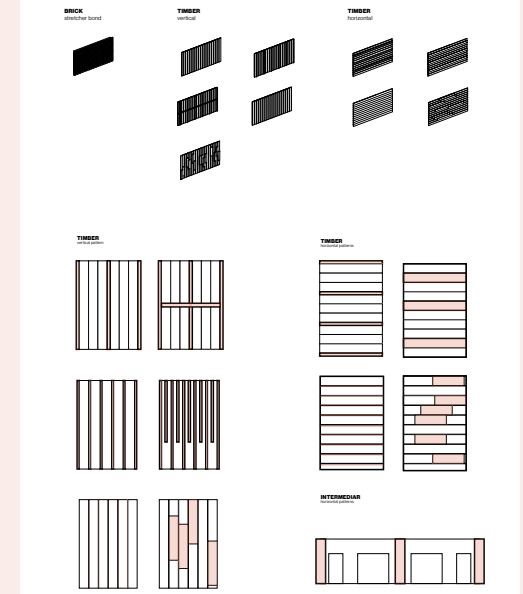


04 FAÇADE FAIR

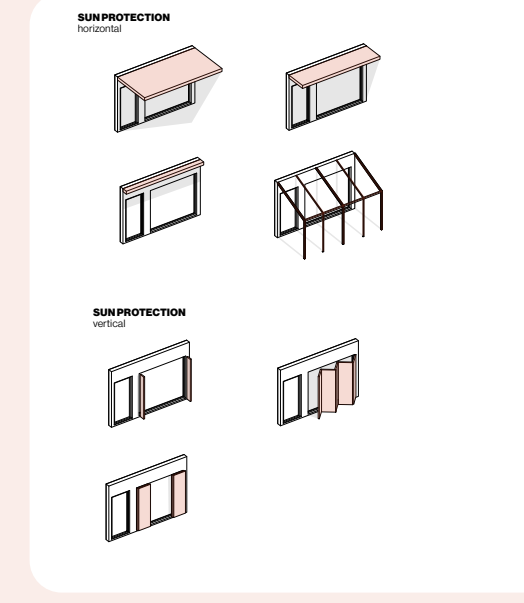
01 ORIENTATION FACADES



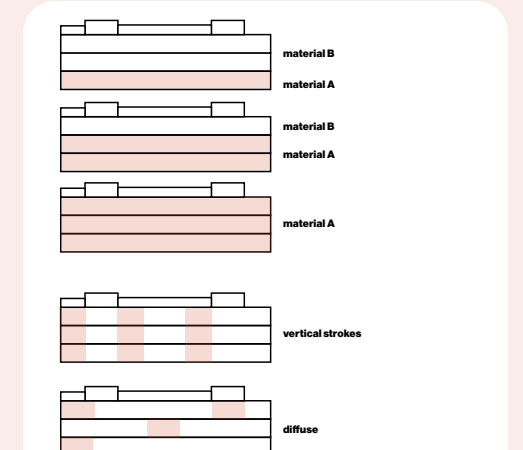
02 MATERIAL & PATTERNS



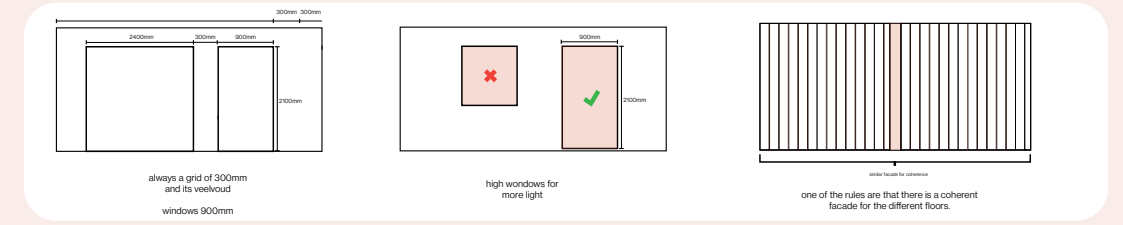
03 SUN PROTECTION



04 PICK A STRUCTURE

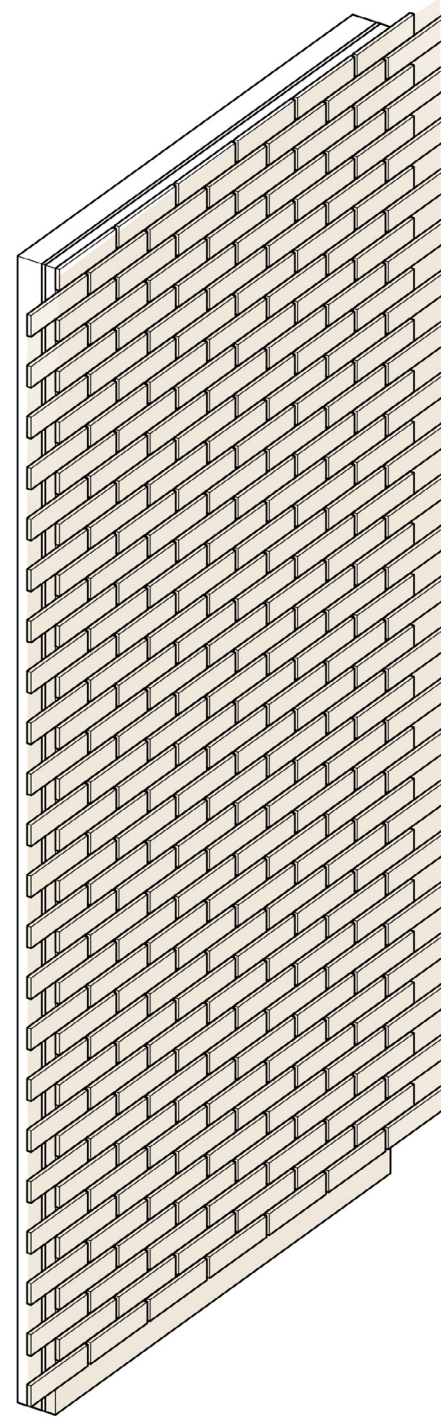


05 SET UP FACADE RULES

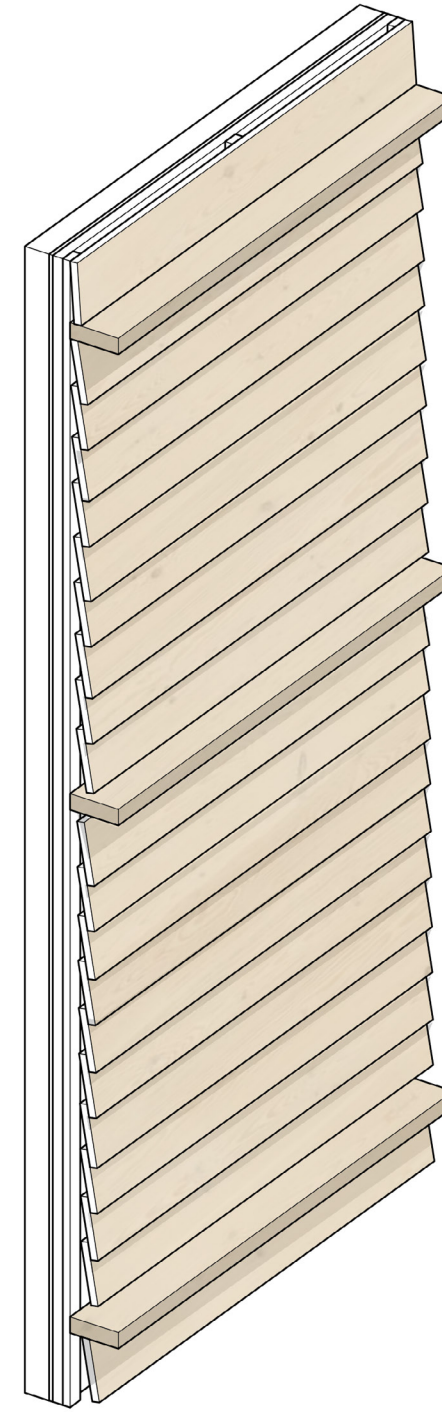


Façade strategy

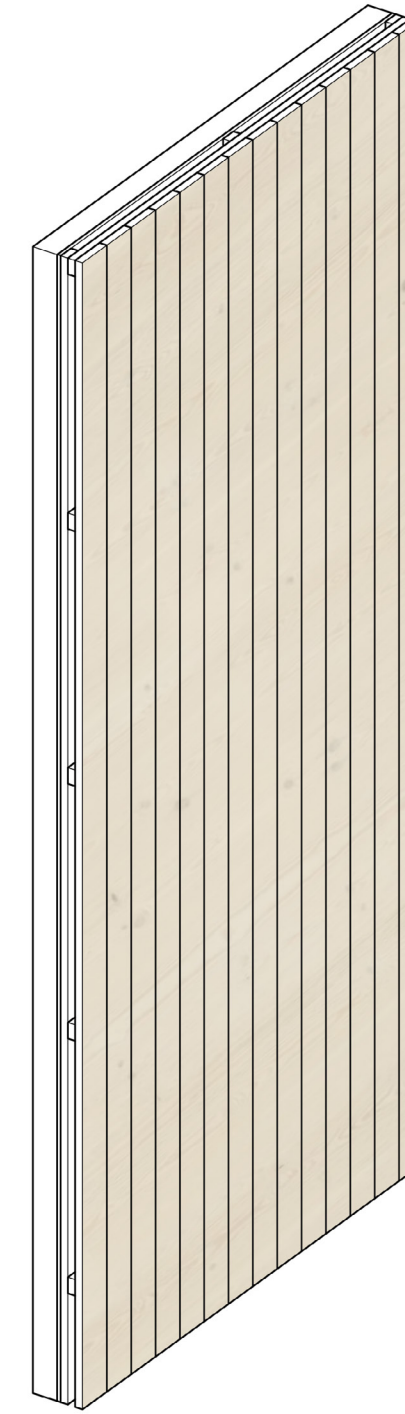
façade of groundfloor:
yellow brick waalformaat
50x210x100mm



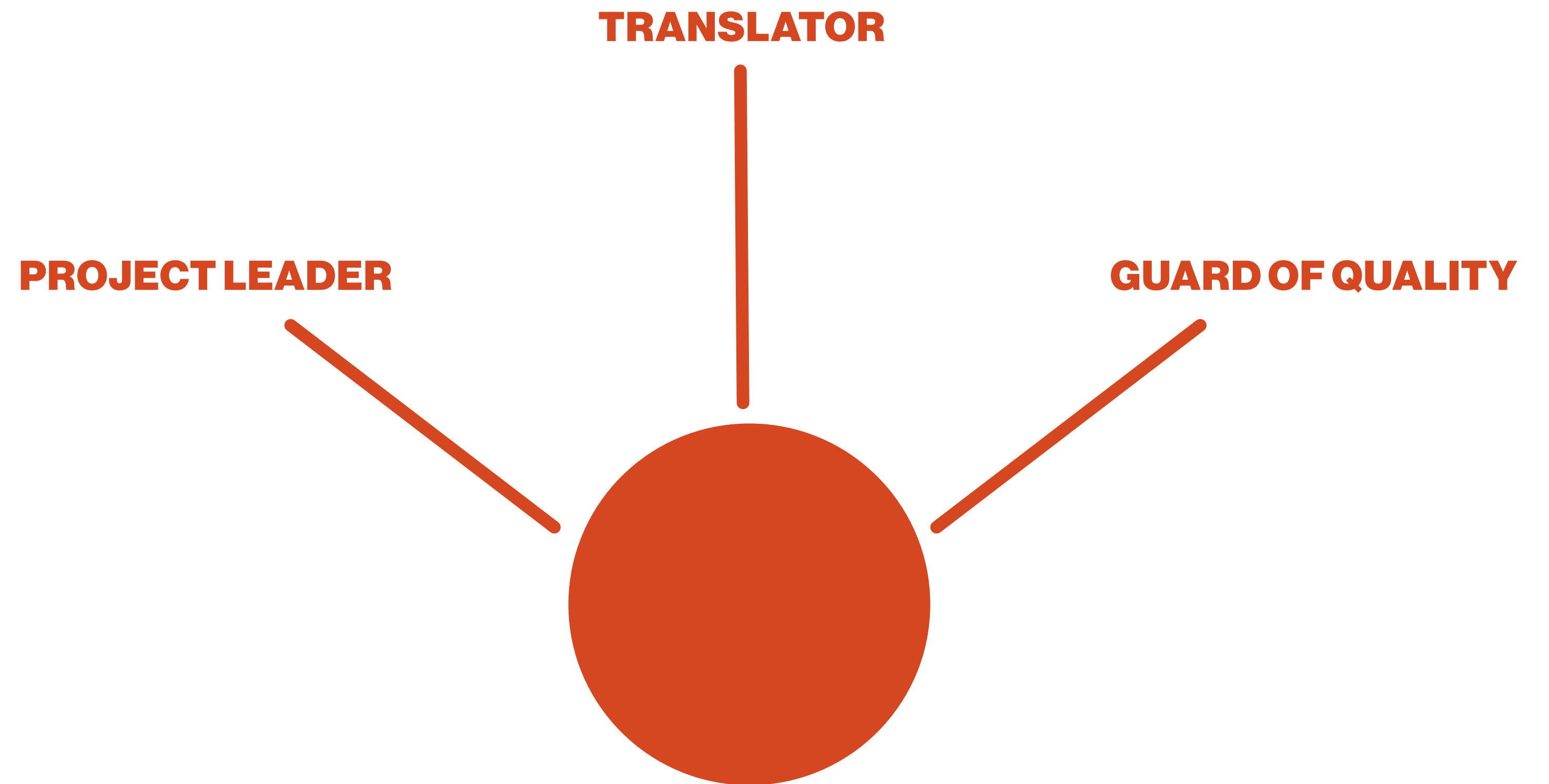
façade of 1st floor:
Larch horizontal overlapping
planks
18x145mm



façade of 2nd floor:
Larch vertical planks
18x90mm



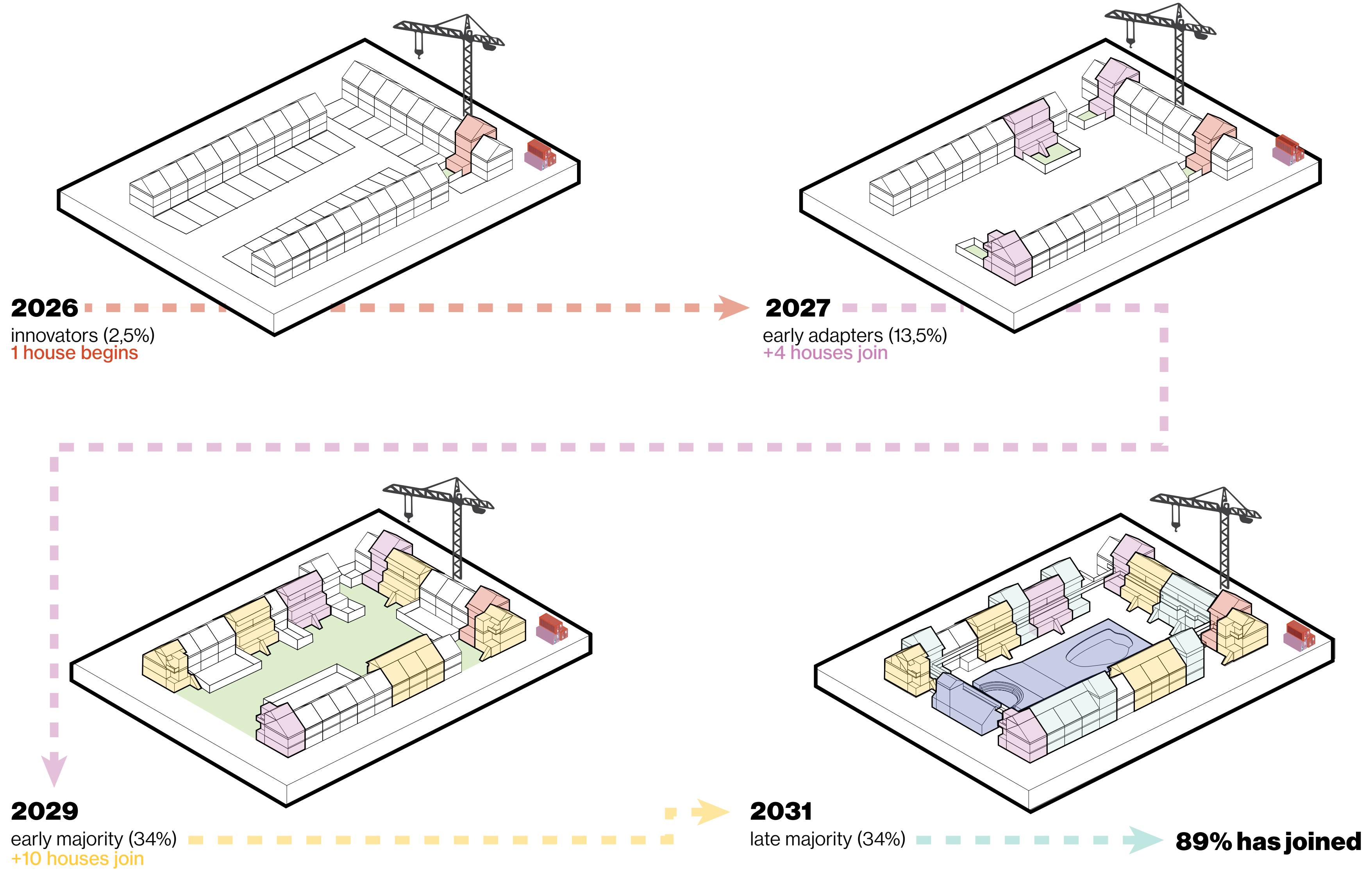
The architect will keep a big role in this plan, being a leader, translator and guard of the architectural quality.



The Concept's rules

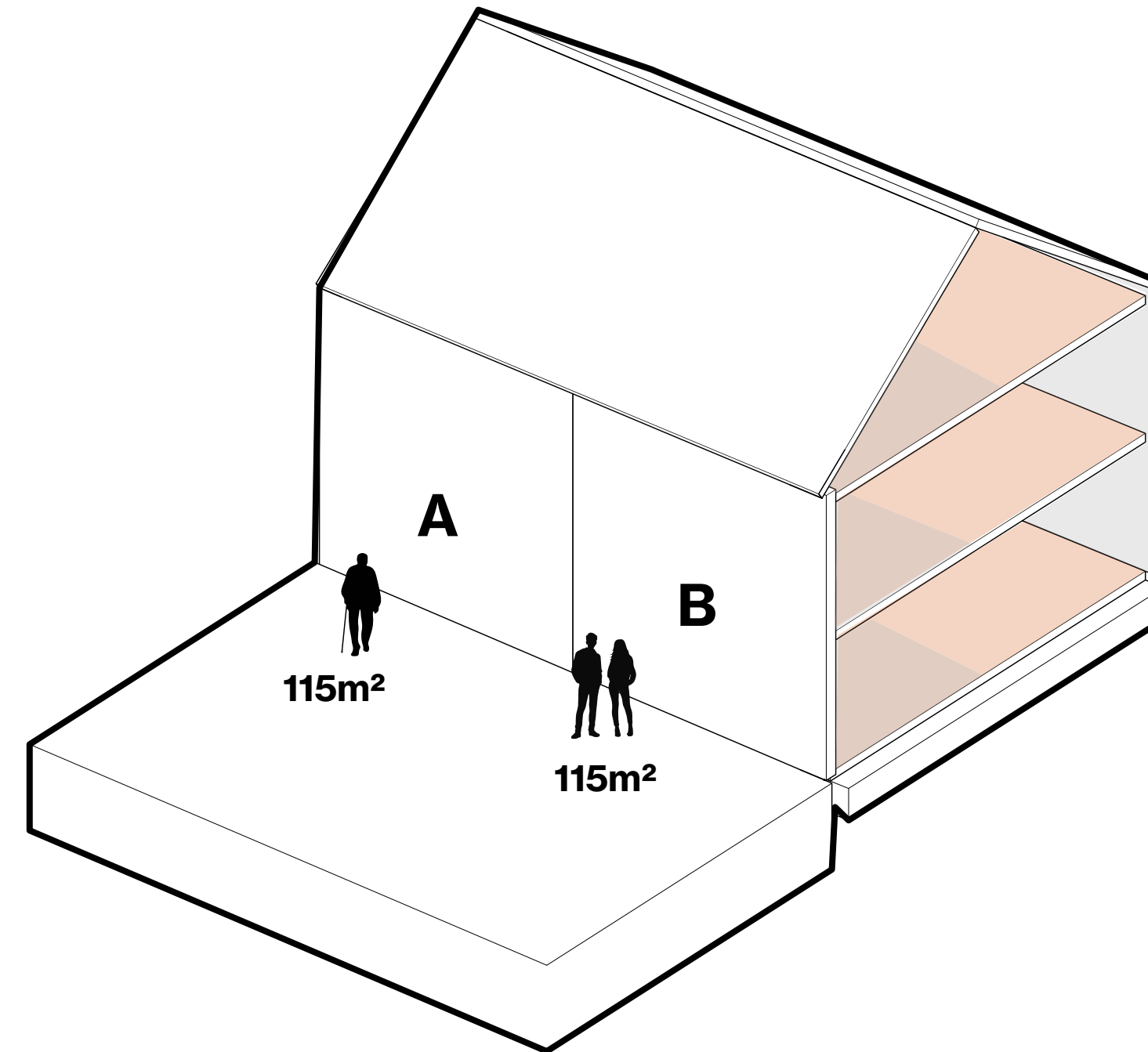
1. A design that follows from this concept will always aim to be as **sustainable as possible**.
2. A design that follows from this concept will always aim to **add as little as possible**, with liveability and impact in mind.
3. A design that follows from this concept will always aim to keep the **flow of residents in balance**.
4. A design that follows from this concept will always seek to **promote social cohesion**.
5. A design that follows from this concept will always maintain **one and the same architectural appearance**.

Timeline



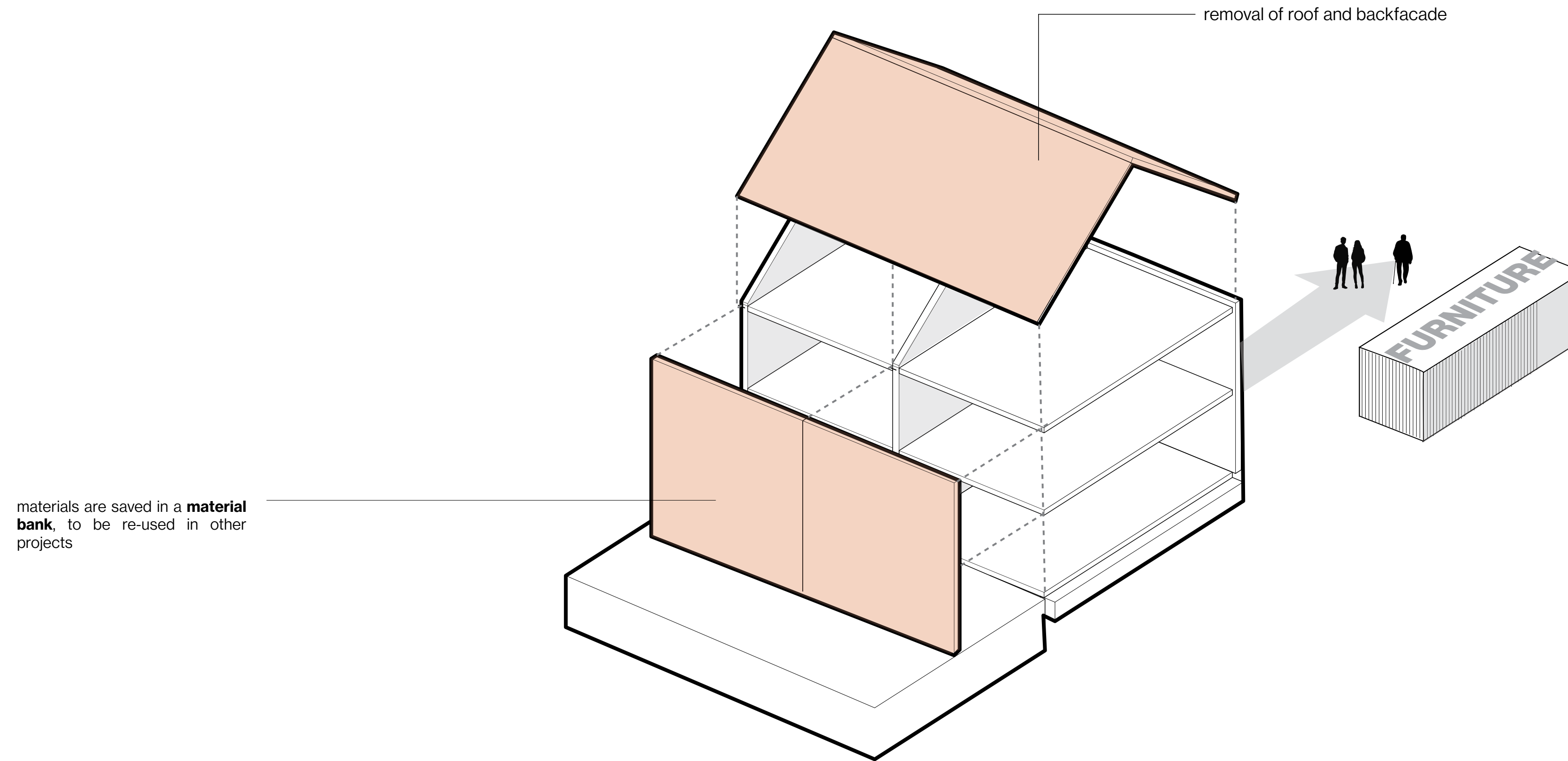
STEP 1

Assembly Process



households **A & B** are both planning on joining the project.
Now they both have **115m² per household**

STEP 2

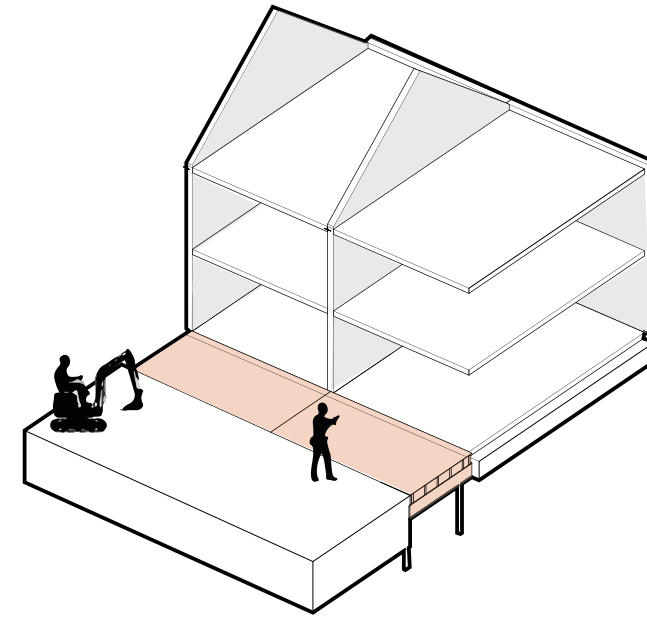


materials are saved in a **material bank**, to be re-used in other projects

Together they will turn **2 homes** into **5 homes**. First, they need to move their **furniture into a container**. Then they need to **move out** of their homes for **1 week**. After that the **removal of the roof and back facades** can start.

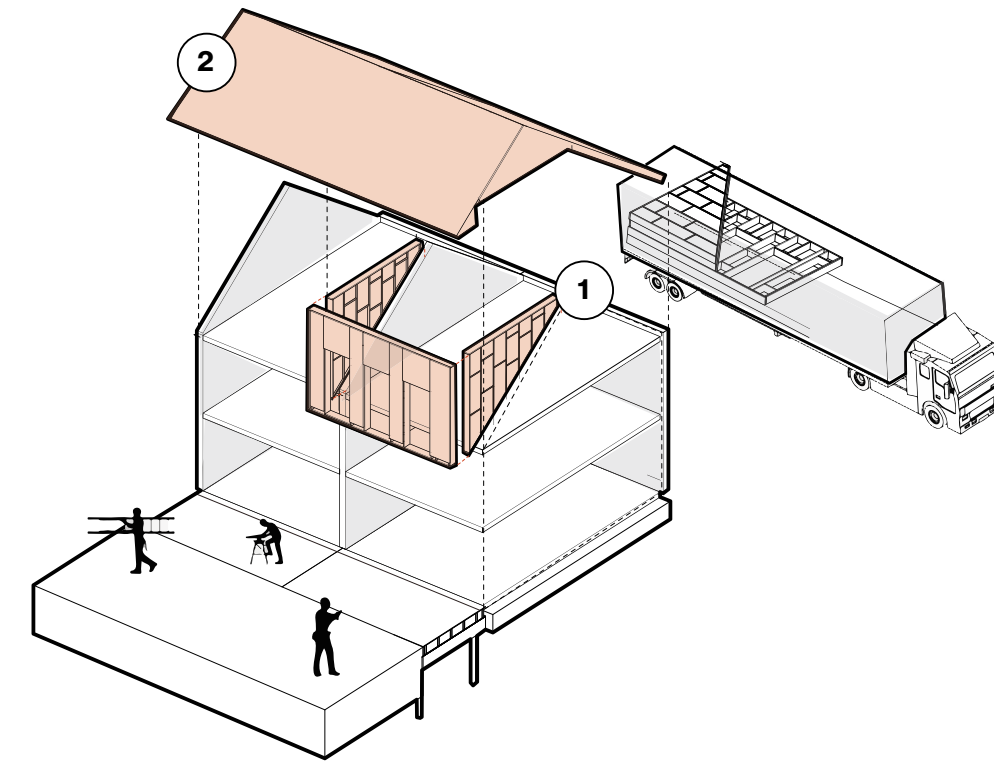
STEP 3

STEP 3.1



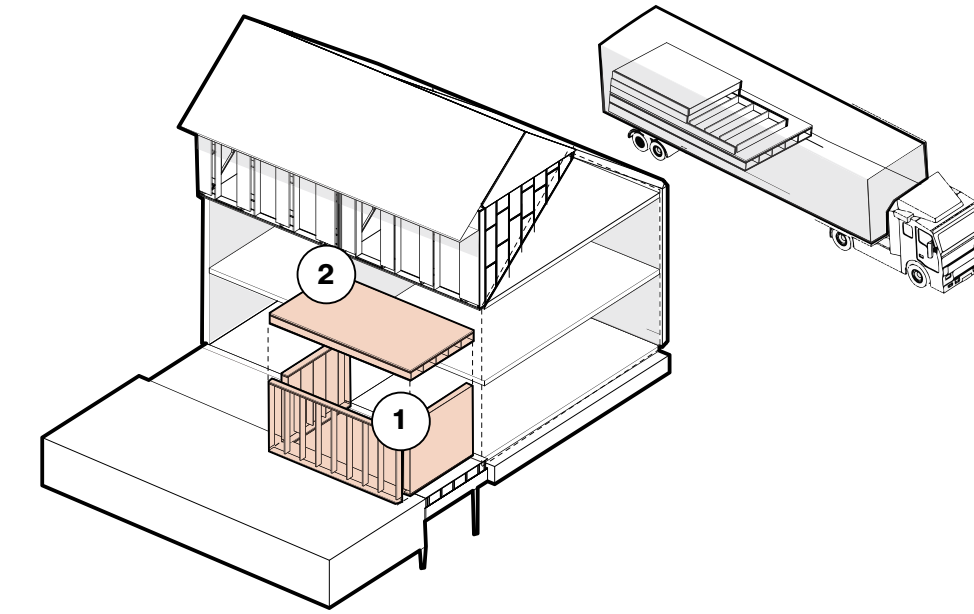
First the **additional foundations** have to be made. This happens **with screw-piles and a ring foundation**.

STEP 3.2



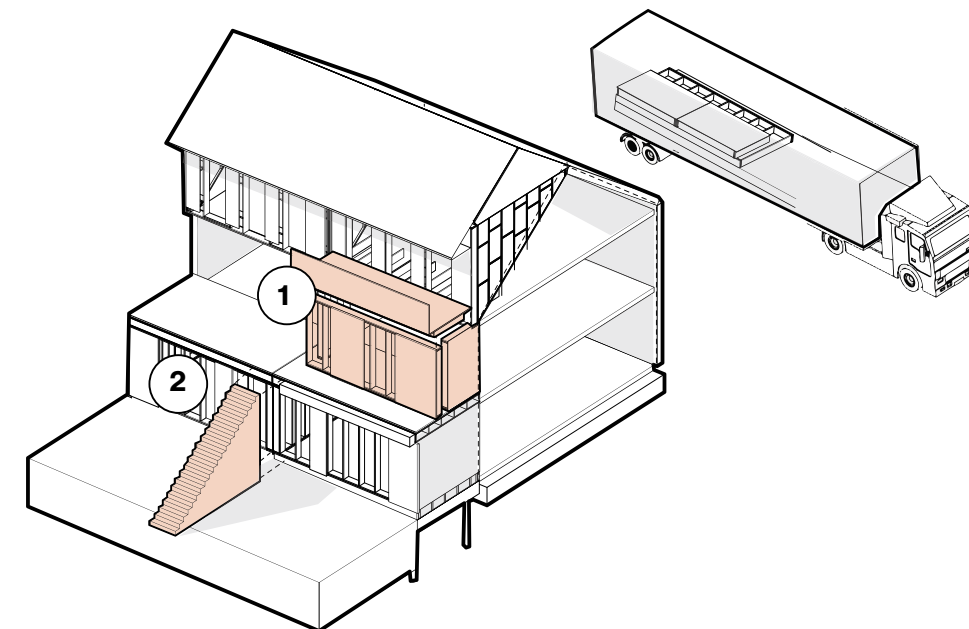
First the **rooftop extension** is placed. The truck brings all the **2D elements to the site**. On site the 2D elements will be put together. Secondly, the **rooftop** is installed. Now, the houses are **protected from rain**.

STEP 3.3



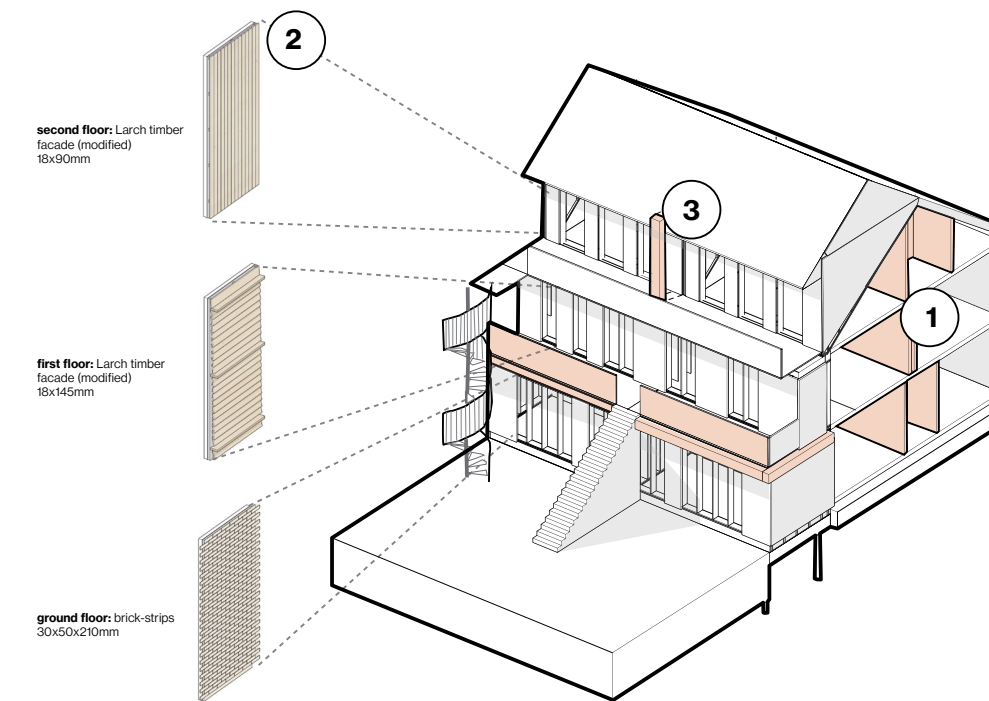
Now, the other **modules** can be placed. First, the modules of the **ground floor** are installed. These are as well **2D elements**.

STEP 3.4



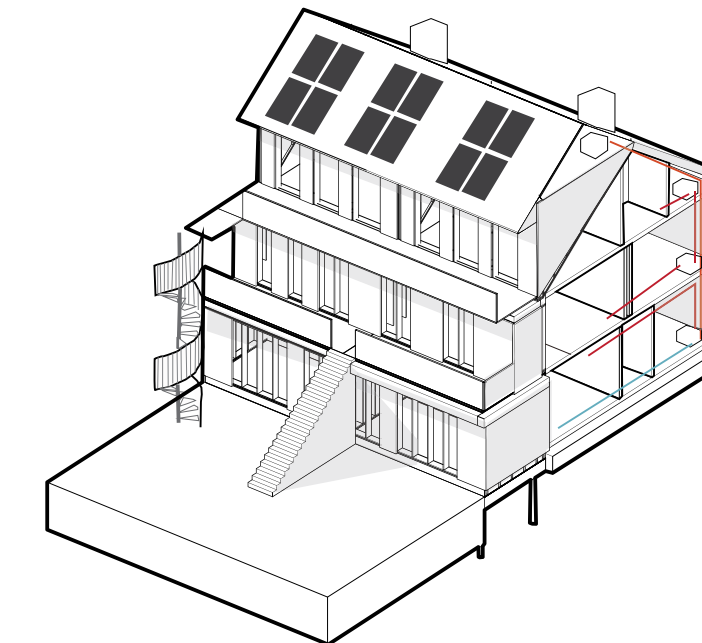
The **first floor's modules** can be installed. With the roof of these modules, the **gallery** is also installed. The **staircase** is added as well.

STEP 3.5



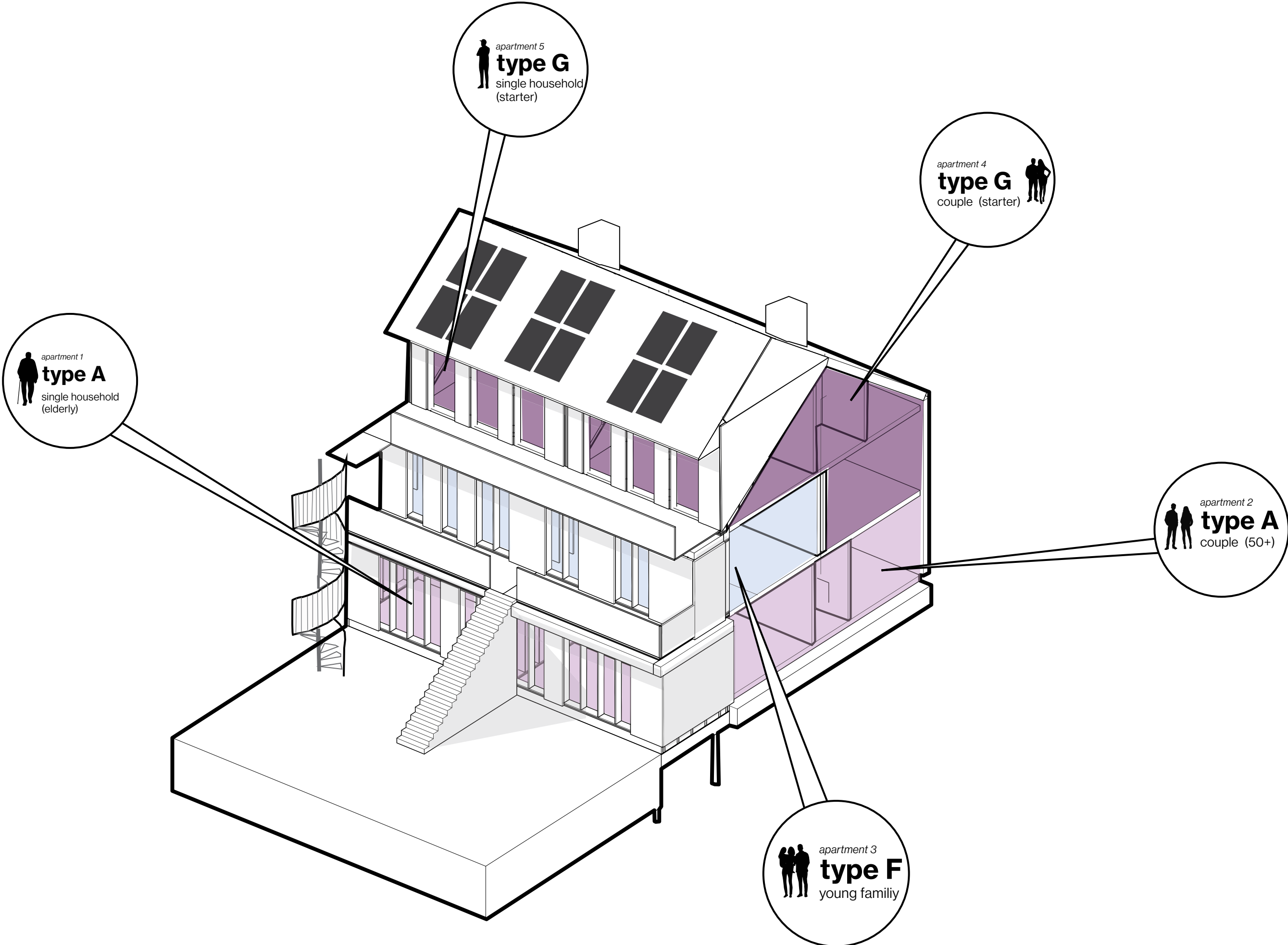
After the modules are installed, inside the **new walls** and **acoustic floors** can be installed. Now, in one go the **facades** are added too. Lastly the finishing pieces can be added to make it all **continuous**.

STEP 3.6



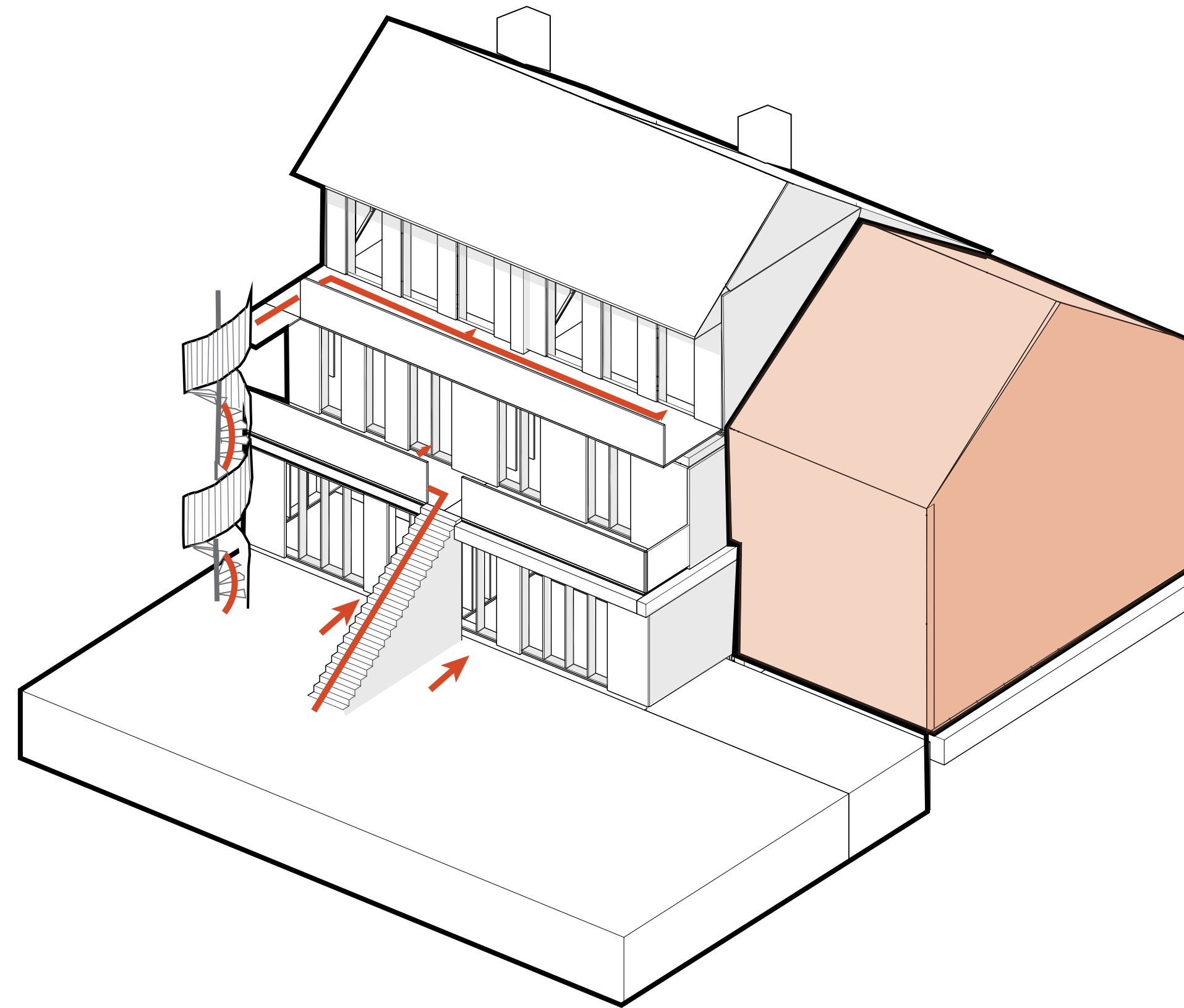
The **installations** can be plugged in and installed. Wholes are made for extra **pipes and channels**. The **heatpumps** and the **pv-panels** are installed as well.

STEP 3



there will now live **9** people instead of **3**

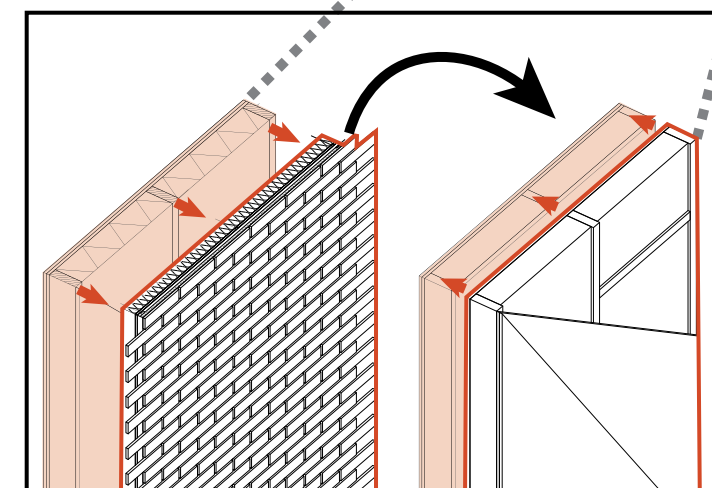
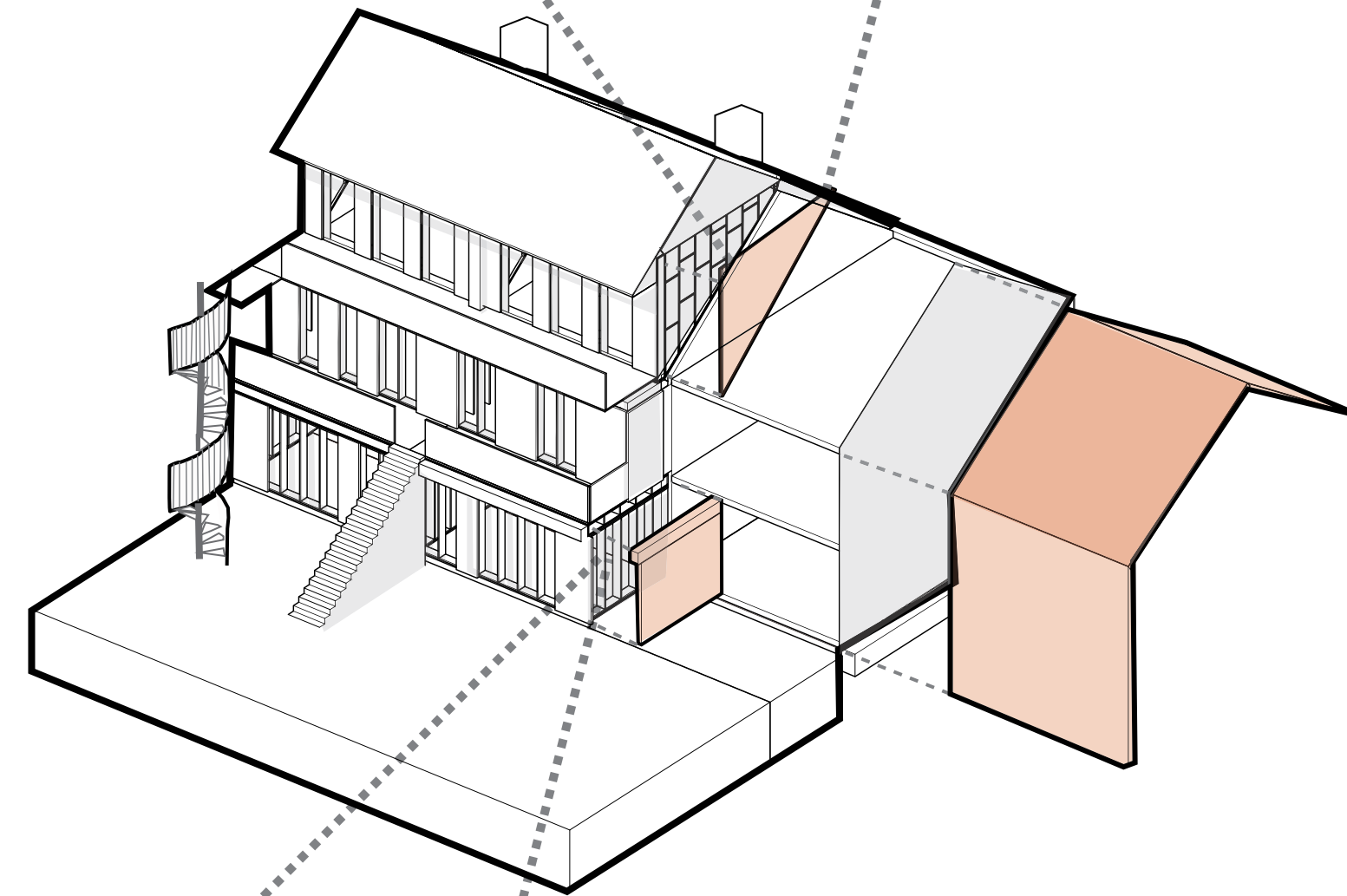
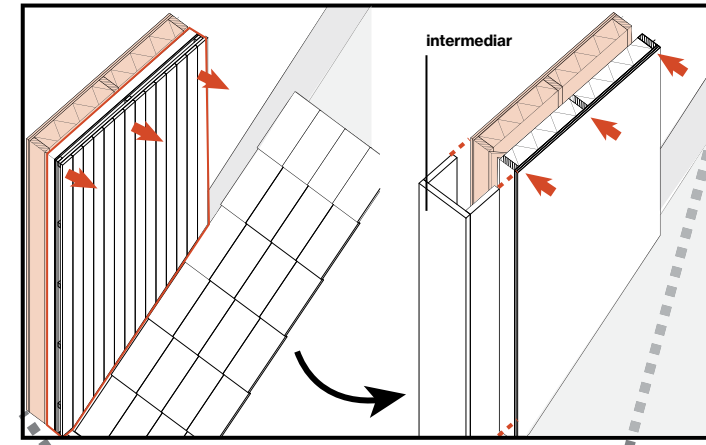
STEP 4



the new apartments are accessible by staircase. The second floor is accessible through **a temporary staircase**

STEP 5

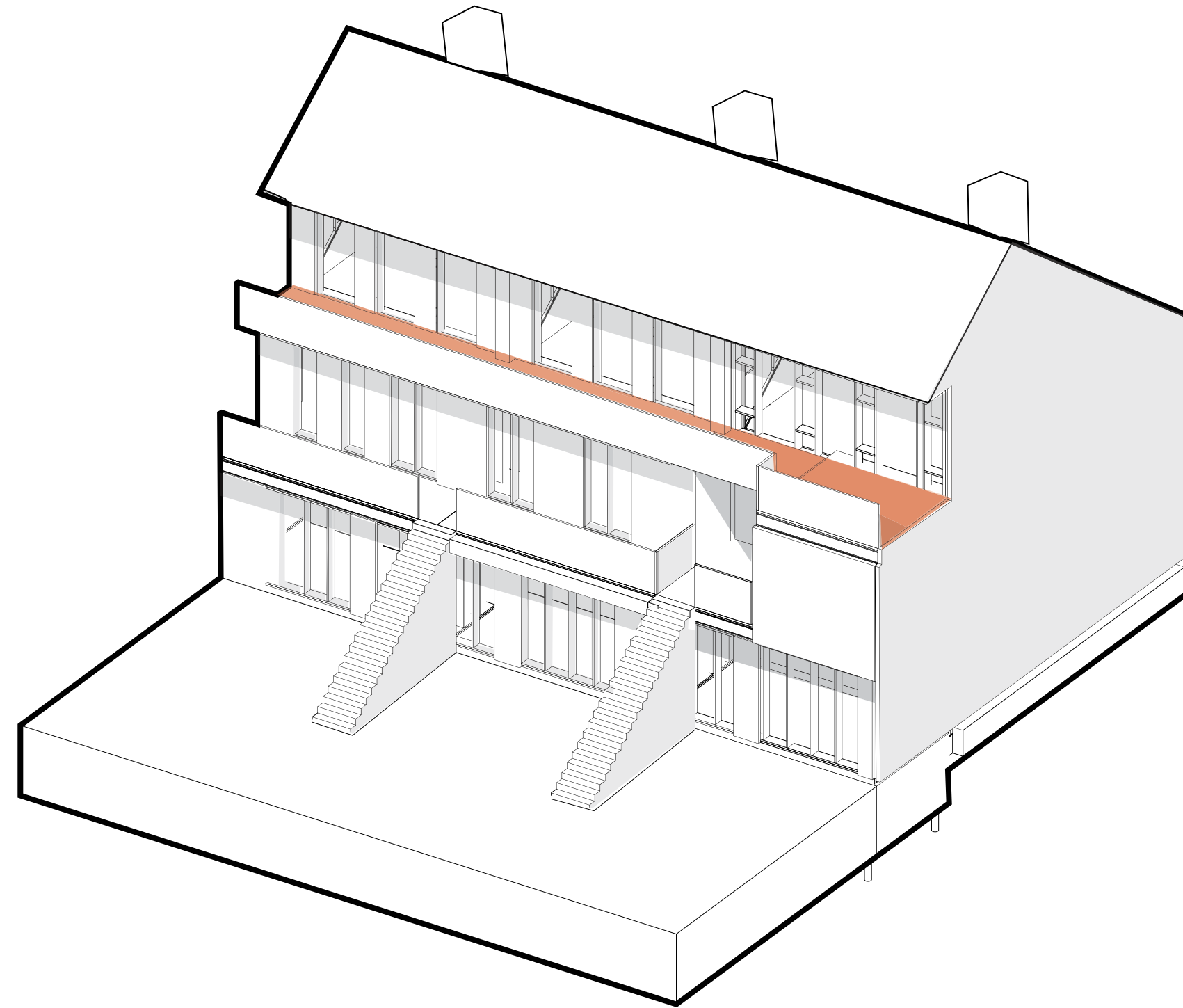
1. removing the front-facade of the roof extension & removing roof of rowhouse
2. installing second timber frame element
3. installing intermediar to be two modules together



1. removing the front-facade of extension
2. installing second timber frame element
3. the facade turns into a separating wall

Another house joins the project. **Facade walls** will turn into **seperation walls**.

STEP 6



Since there are enough houses that joined, **the temporary staircase can be removed**, and the **collective gallery** can be used as an **access route**

THE DESIGN
CONCEPT INTO DESIGN

01 Input location

01 INPUT: ANALYSIS & GOALS

01 Analysis spatial context

02 Project Information

- Increase housing density in the area
- Create a vibrant and diverse neighborhood
- Improve public transport accessibility
- Enhance green spaces and water quality
- Create a mix of housing types and prices
- Improve the overall quality of life

03 Project Goals

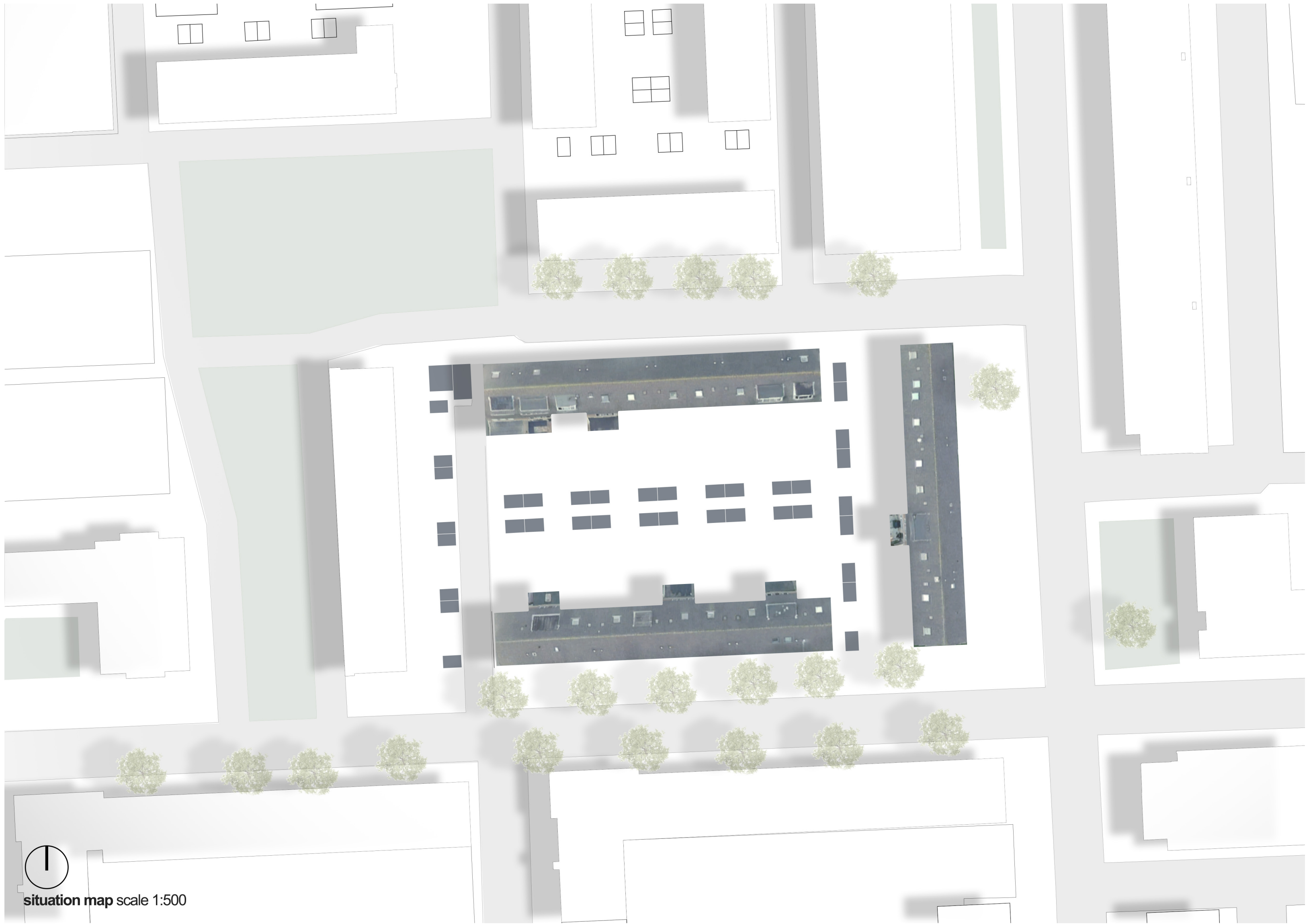
04 Estimated houses to add

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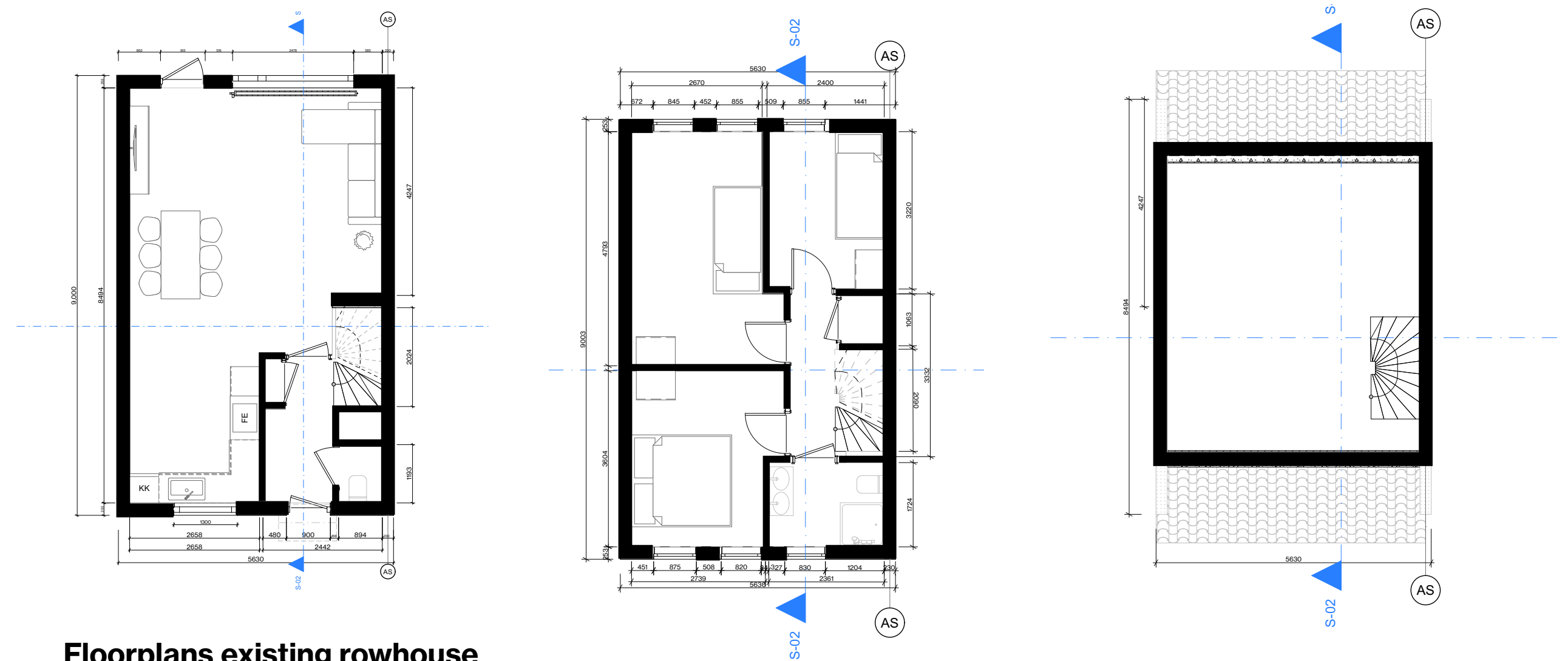


Amsterdam West, Overtoomse Veld Noord

situation



project information



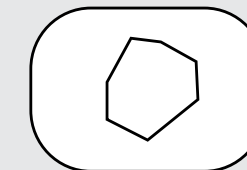
Floorplans existing rowhouse



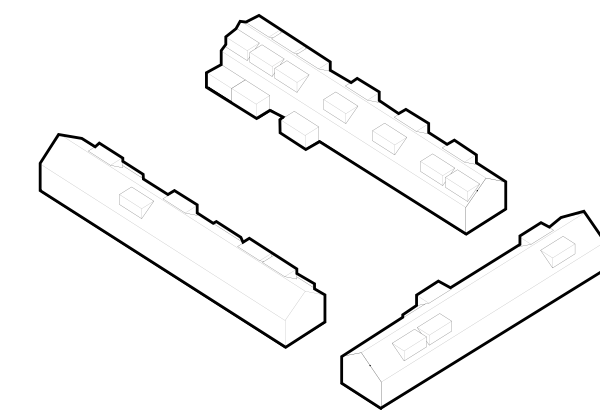
02 Project information

- **Urban setting:** urban / **semi-urban** / village / Vinex
- **Urban typology:** row / single / duo / **block** / area

- **Rowhouse typology:**

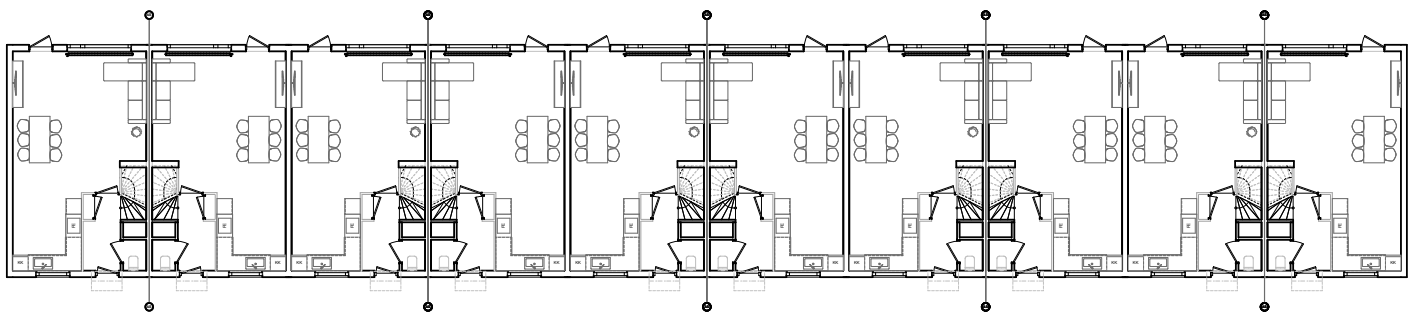
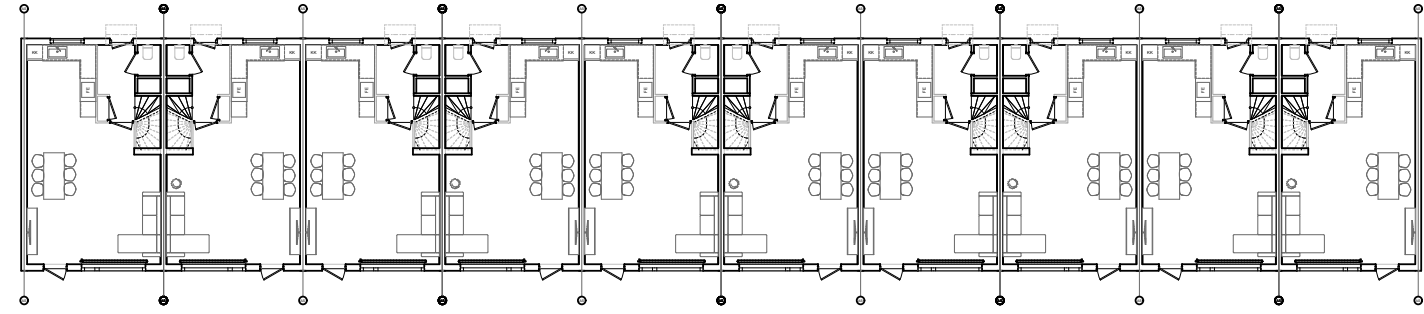


- **Building year:** 1989
- **Location:** Amsterdam
- **Amount houses:** 29
- **Household demography:** 6x single person, 9x families, 14x couples

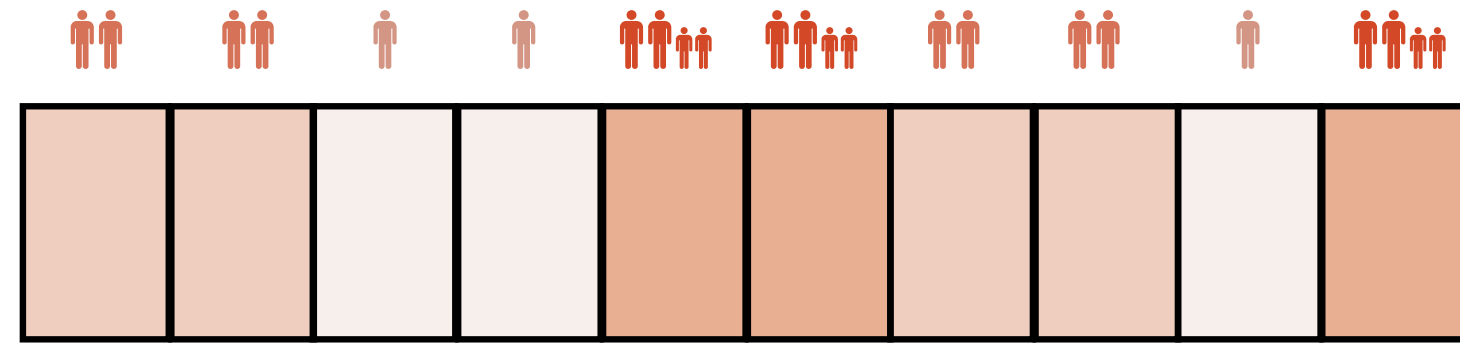
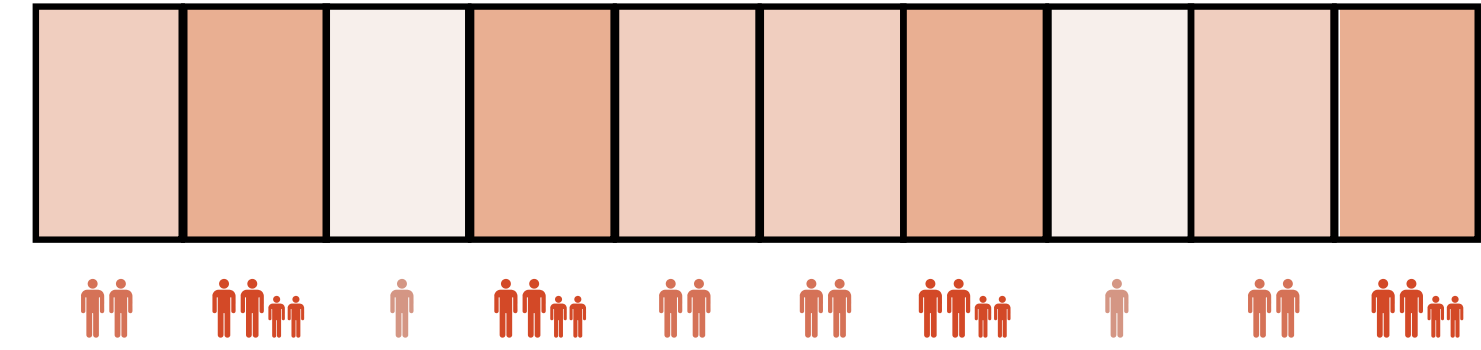
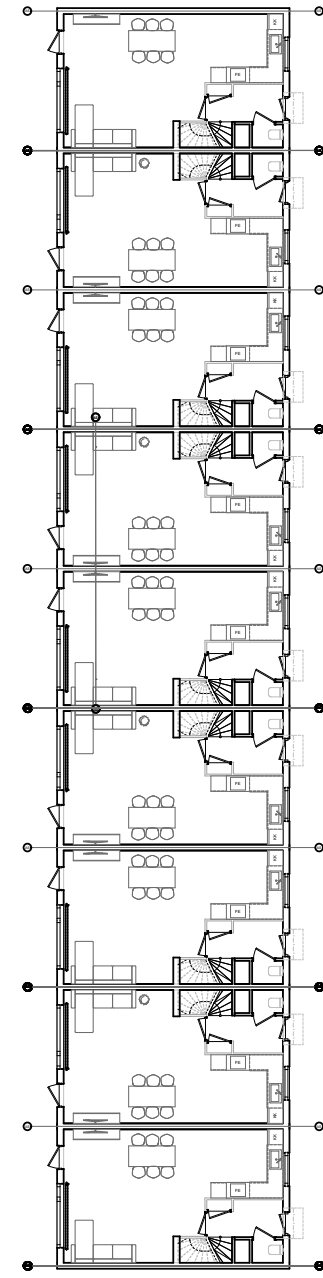


- **Orientation:** north/east/south/west
- **Soil quality:** sand
- **Energy supply:** district heating

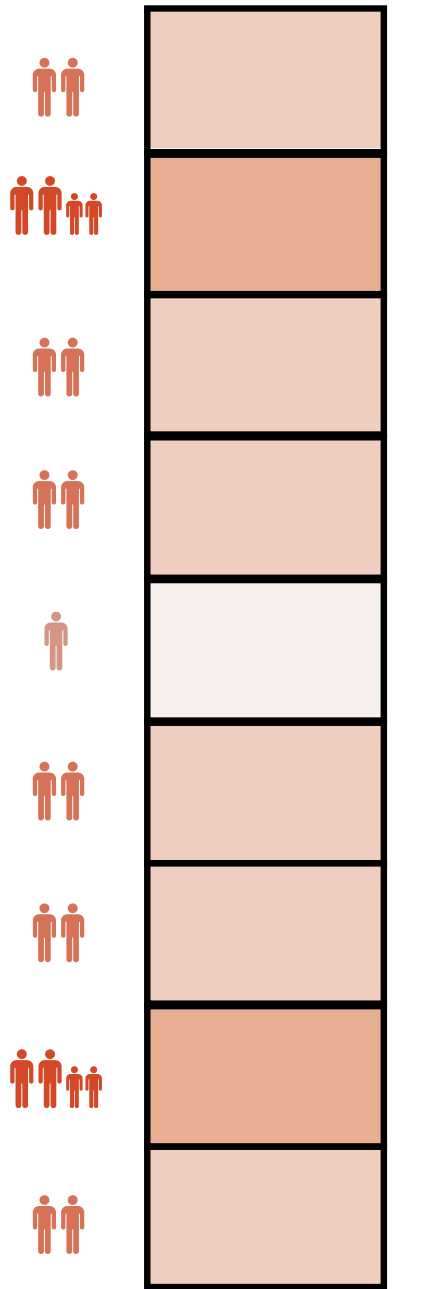
existing situation



existing floorplan block (groundfloor)

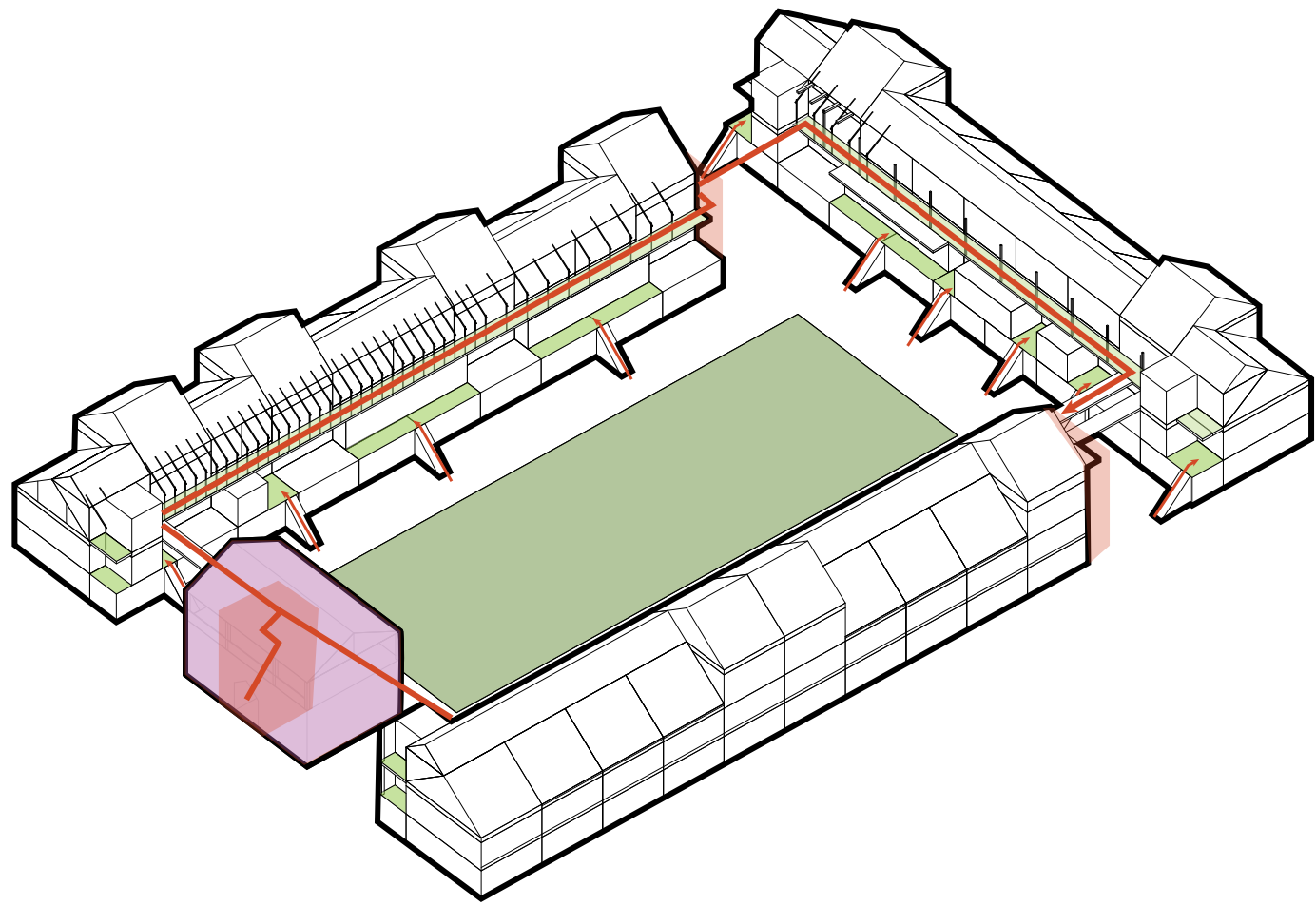


existing household sizes



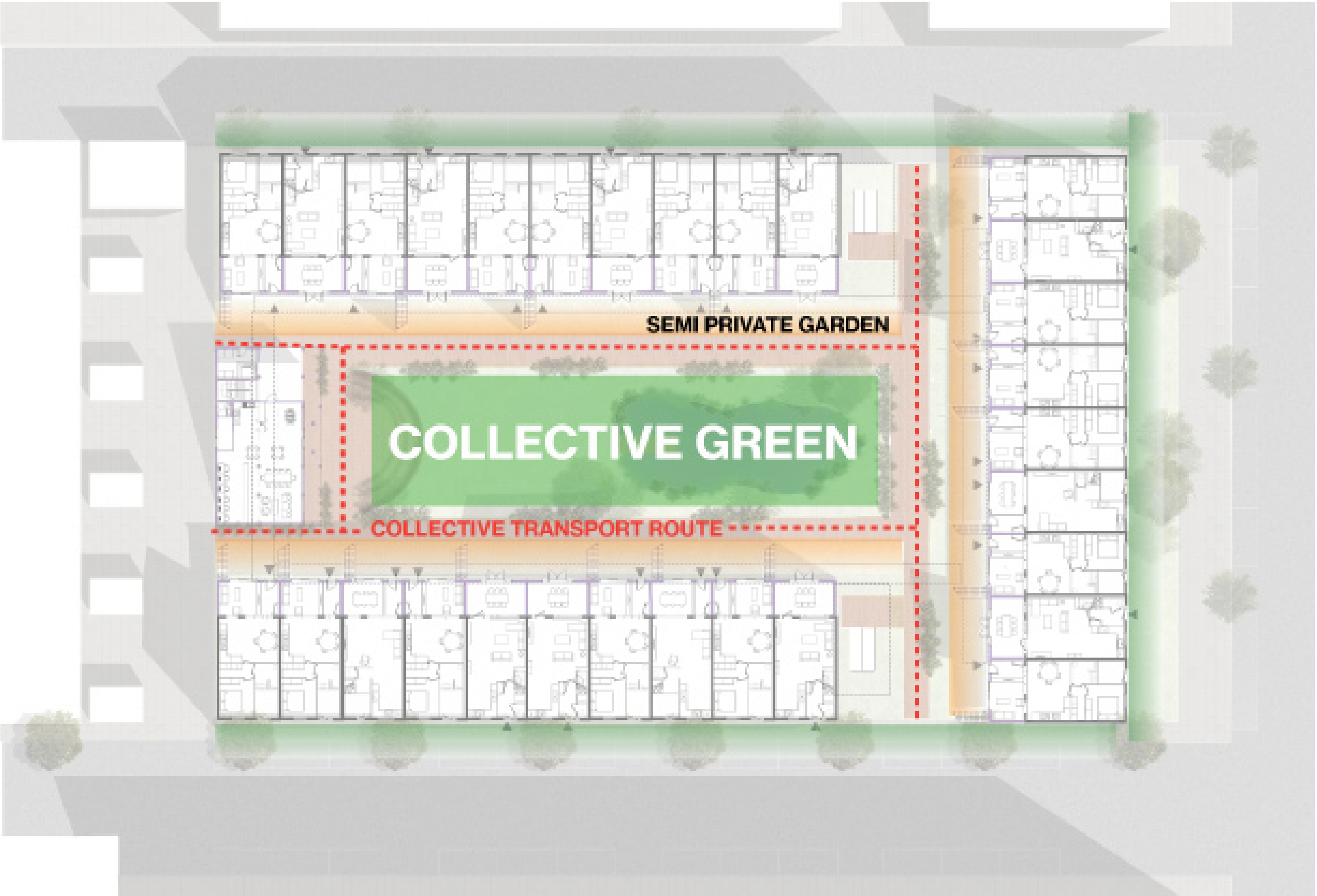
- **6** single households
- **9** family households
- **14** couples

developing goals



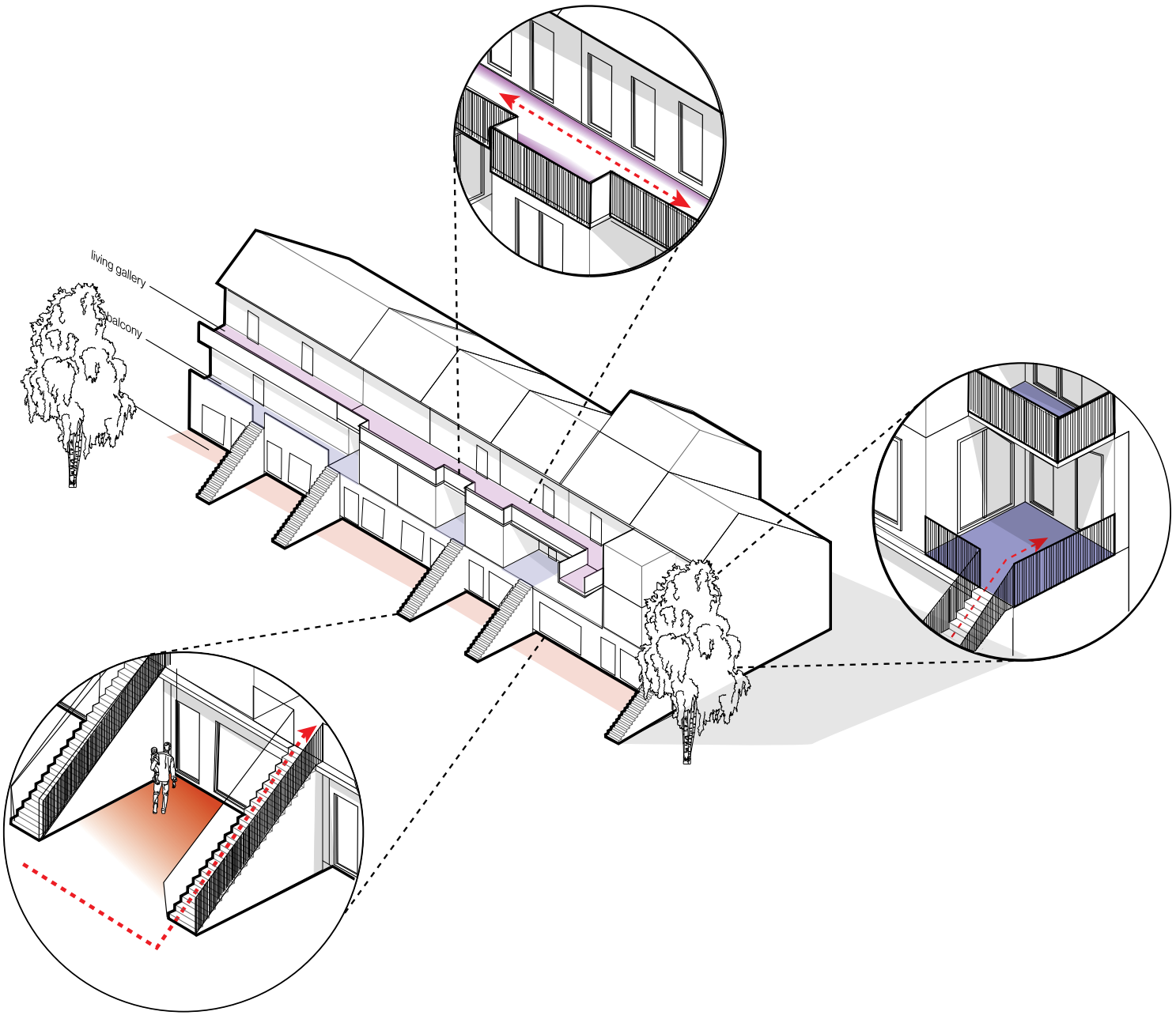
hybrid strategy

access routes

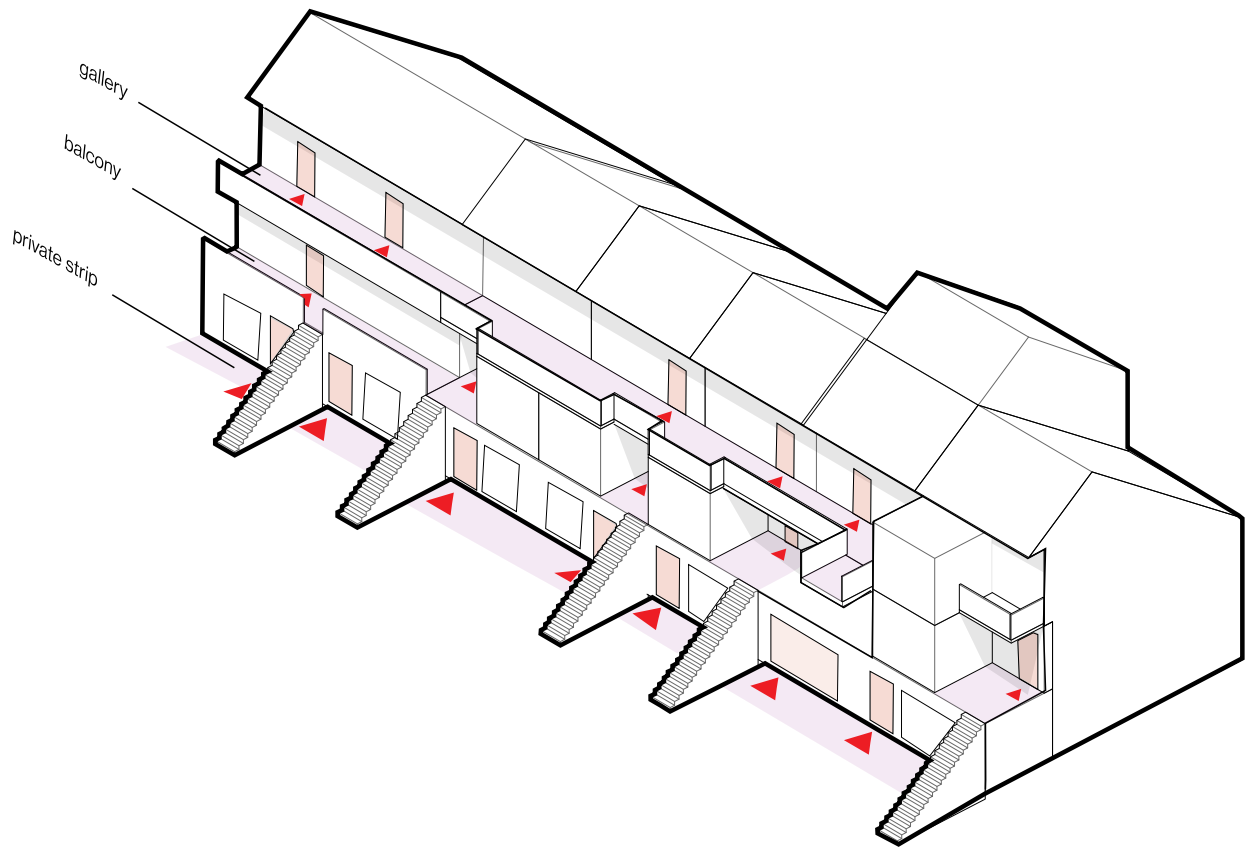


use inner courtyard as a social buffer

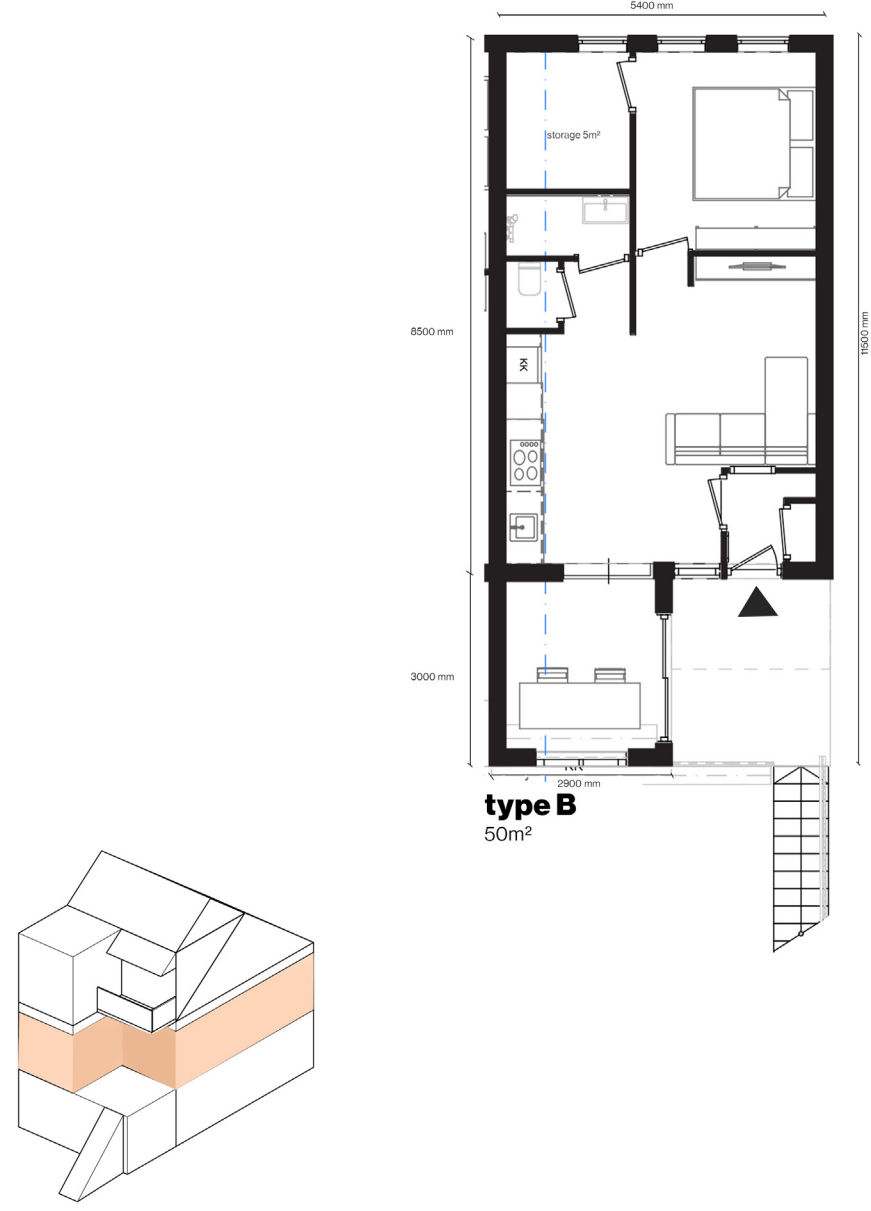
developing goals



privacy vs collectivity



entrances inside courtyard



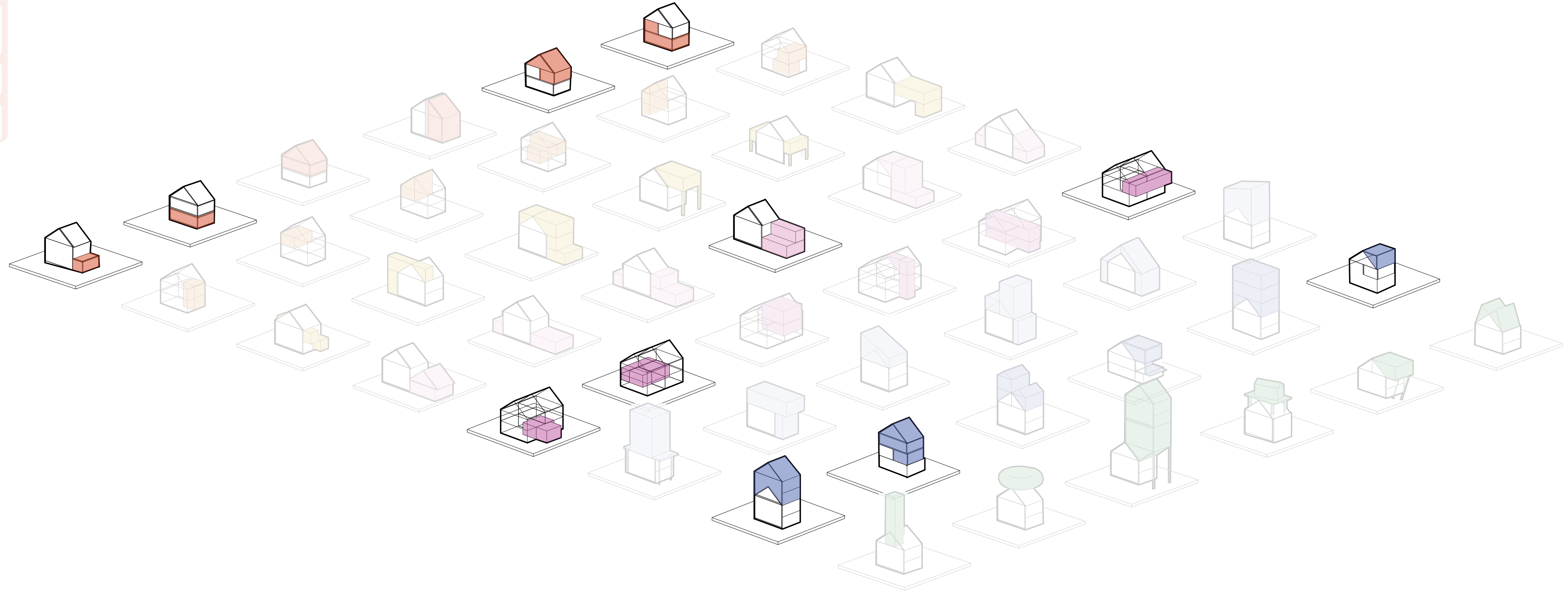
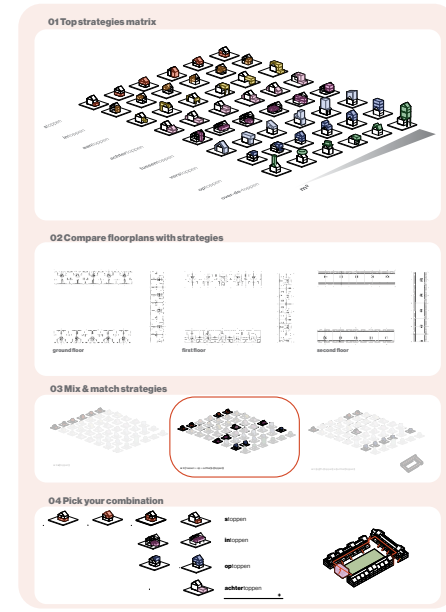
quality of the houses

formulating goals

- using a hybrid strategy (*privacy vs collectivity*)
 - entrances facing inner courtyard
 - collective inner courtyard
 - making a neighborhood livingroom
 - going from 29 to 73 houses

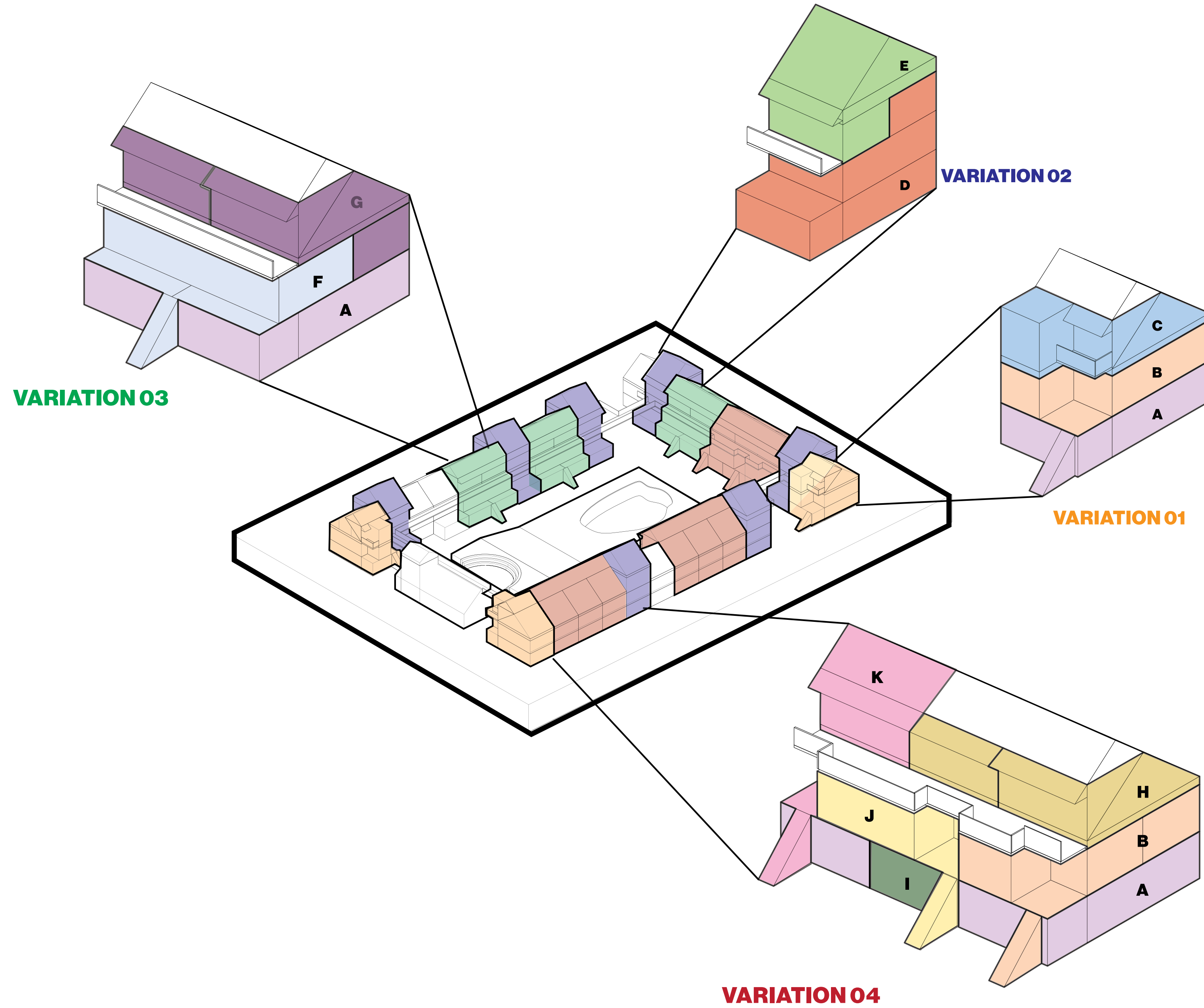
02 Top-strategy

02 TOP STRATEGY



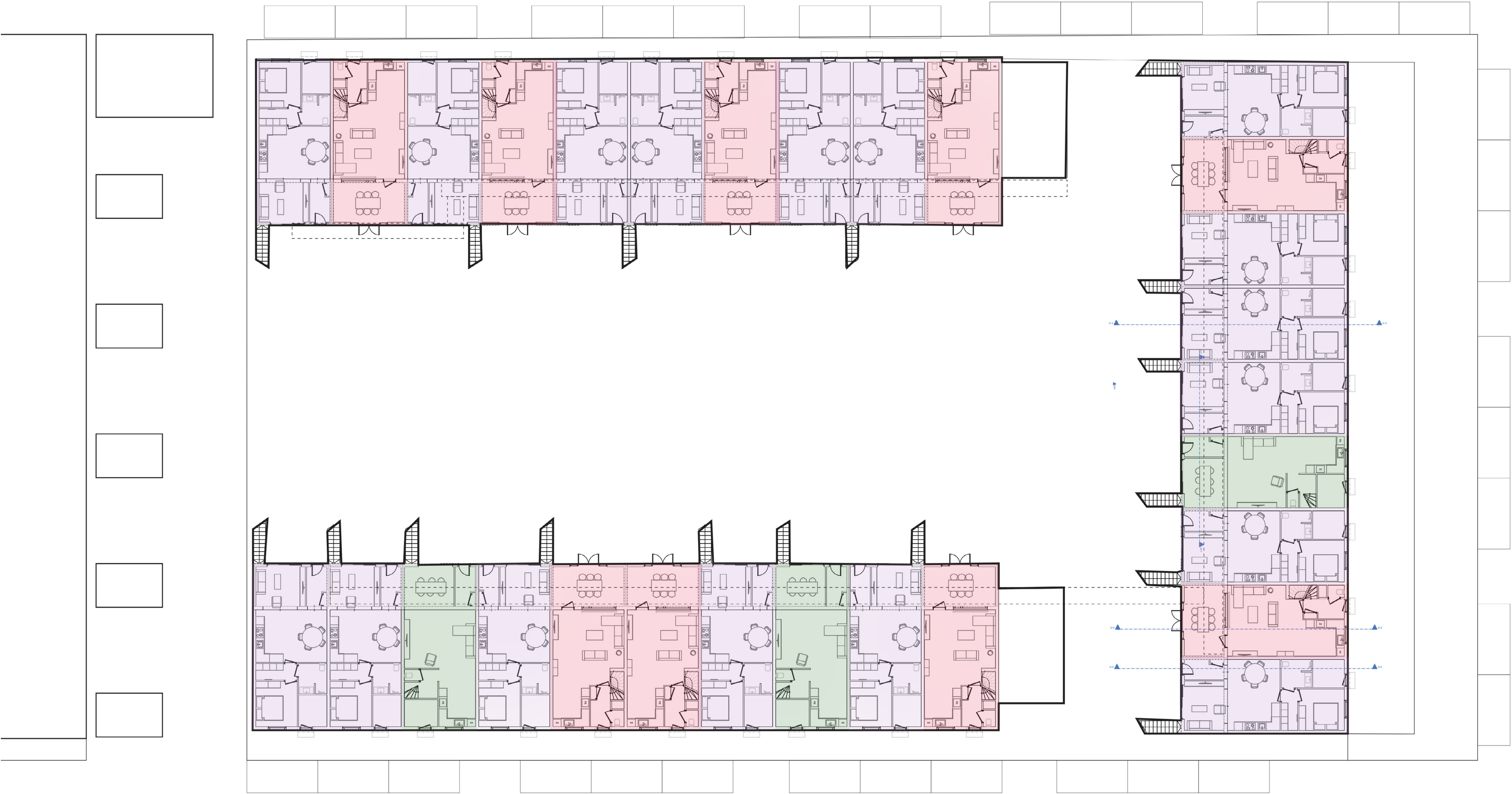
$$x = (\text{tussen} + \text{op} + \text{achter}) \cdot (\text{toppen})$$

combination



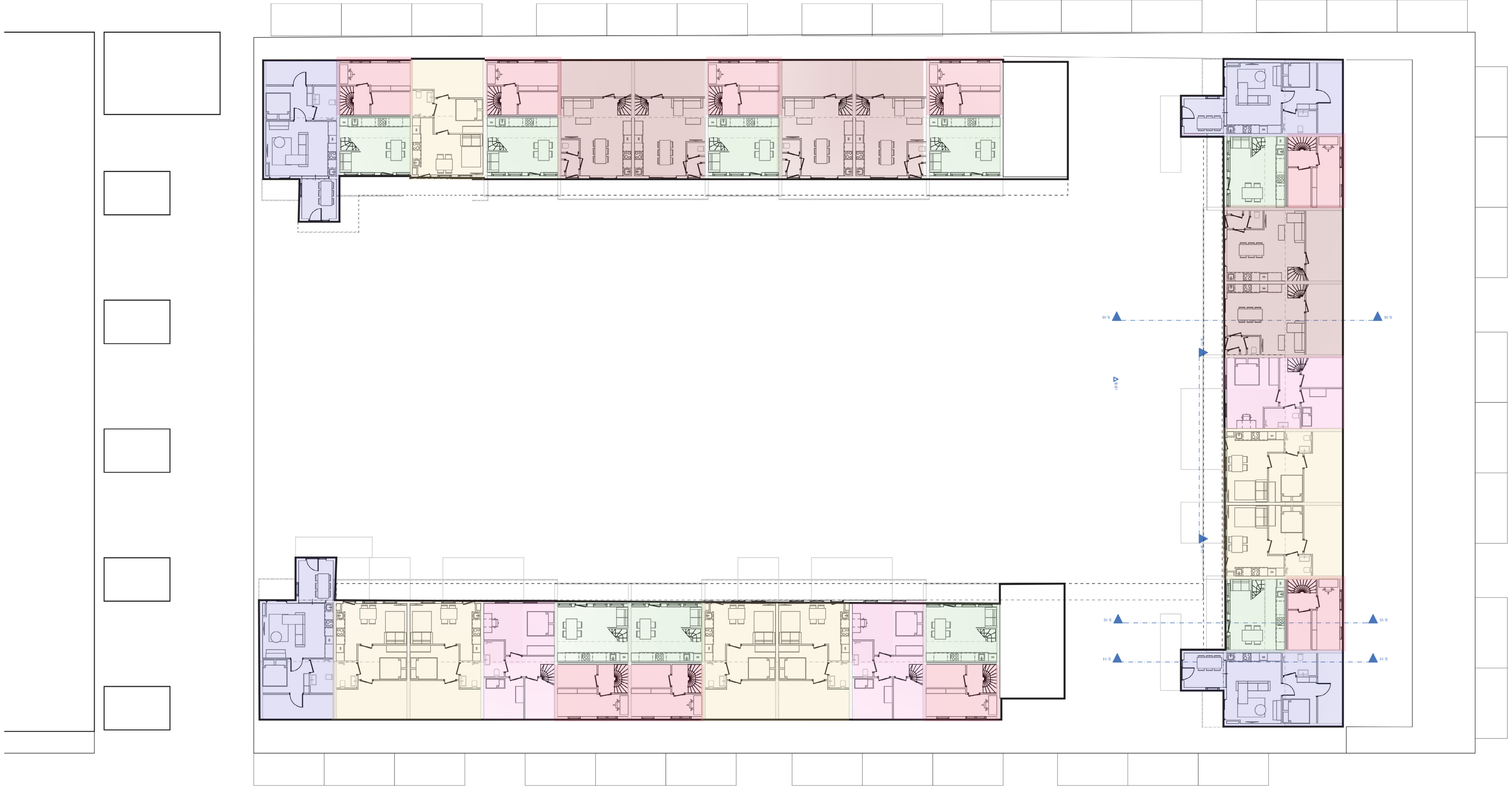
- 4 variations
- 11 housingtypes

floorplans



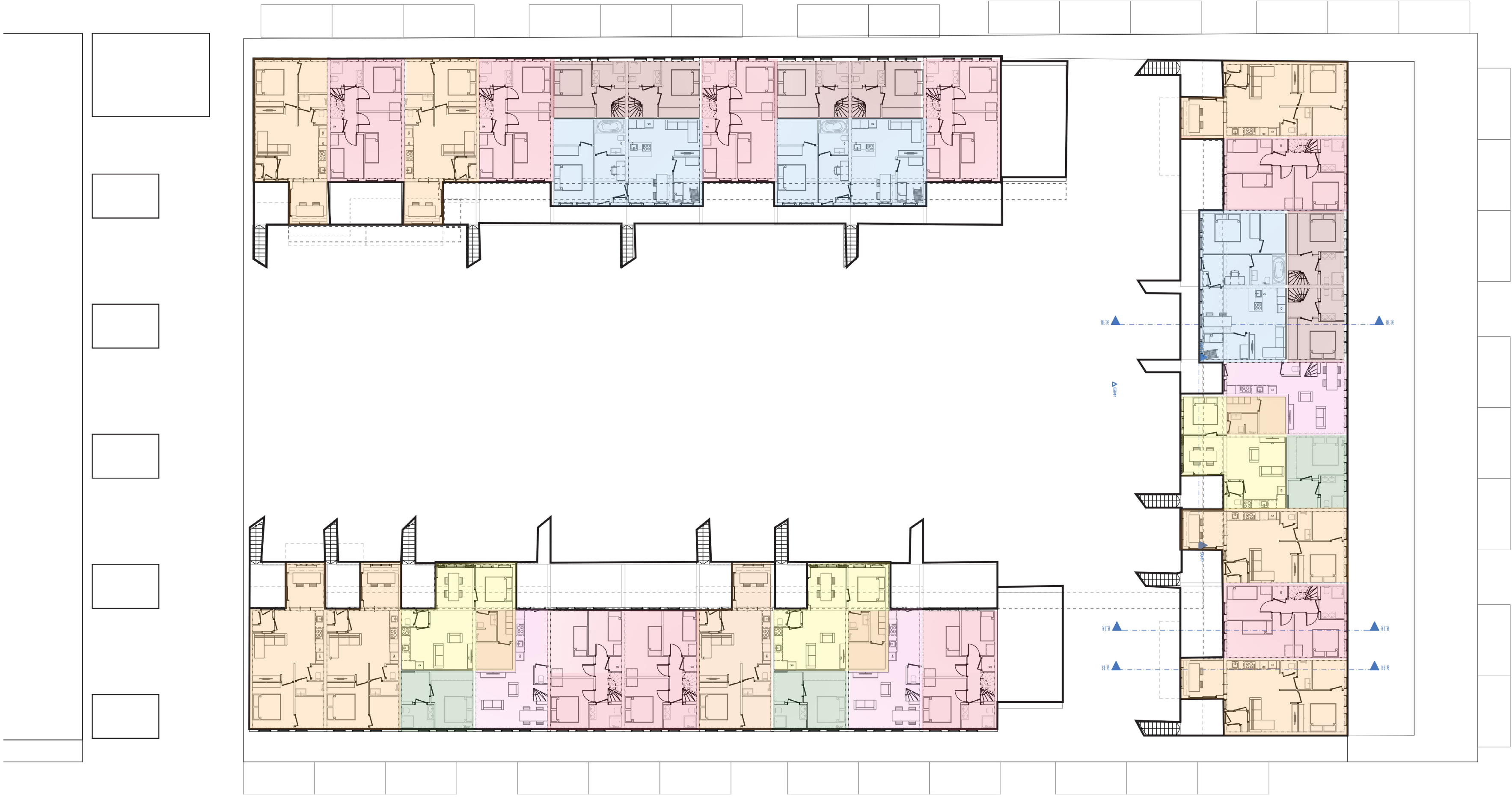

Ground floor
1:200

floorplans



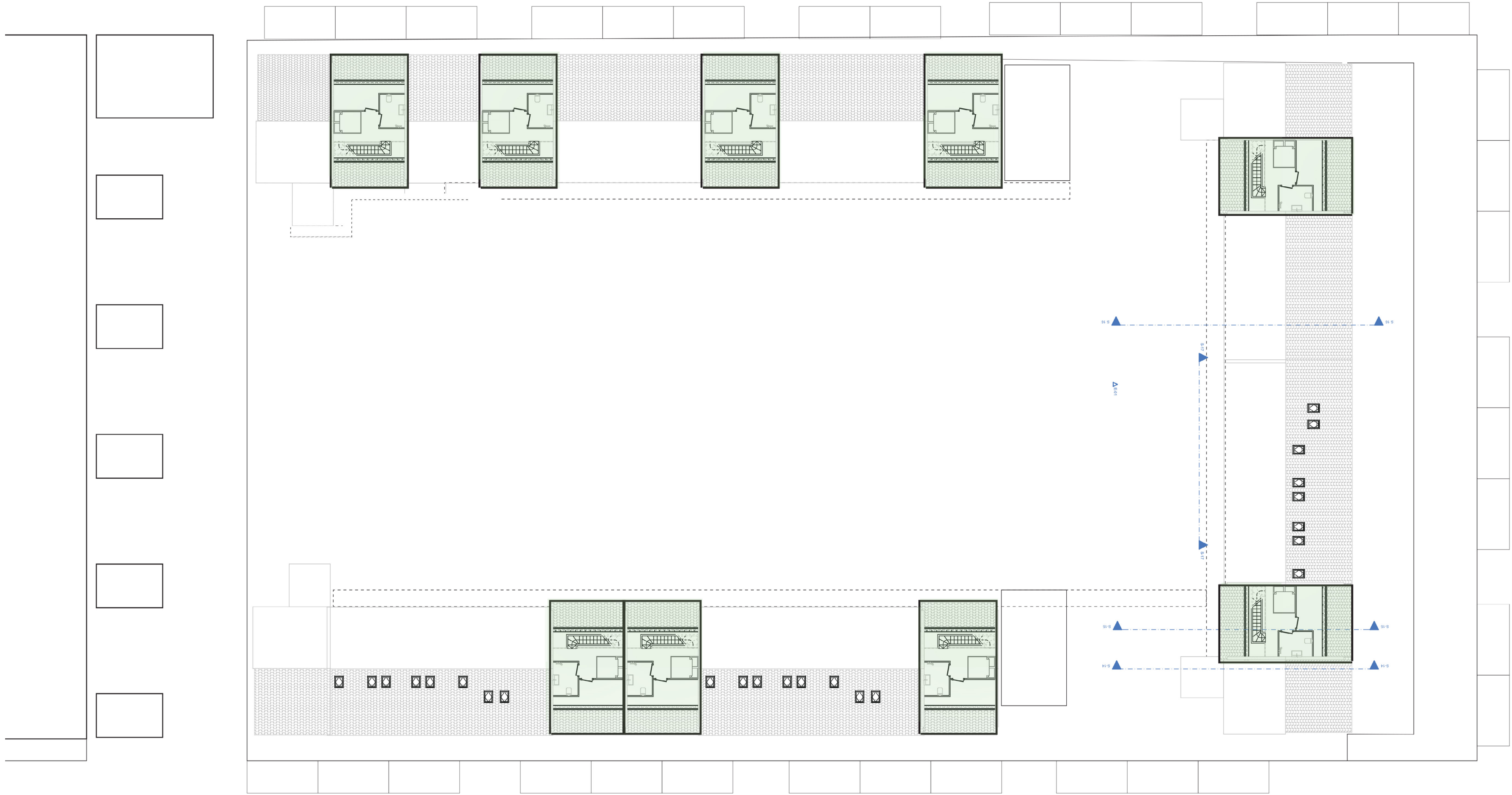

Second Floor
1:200

floorplans



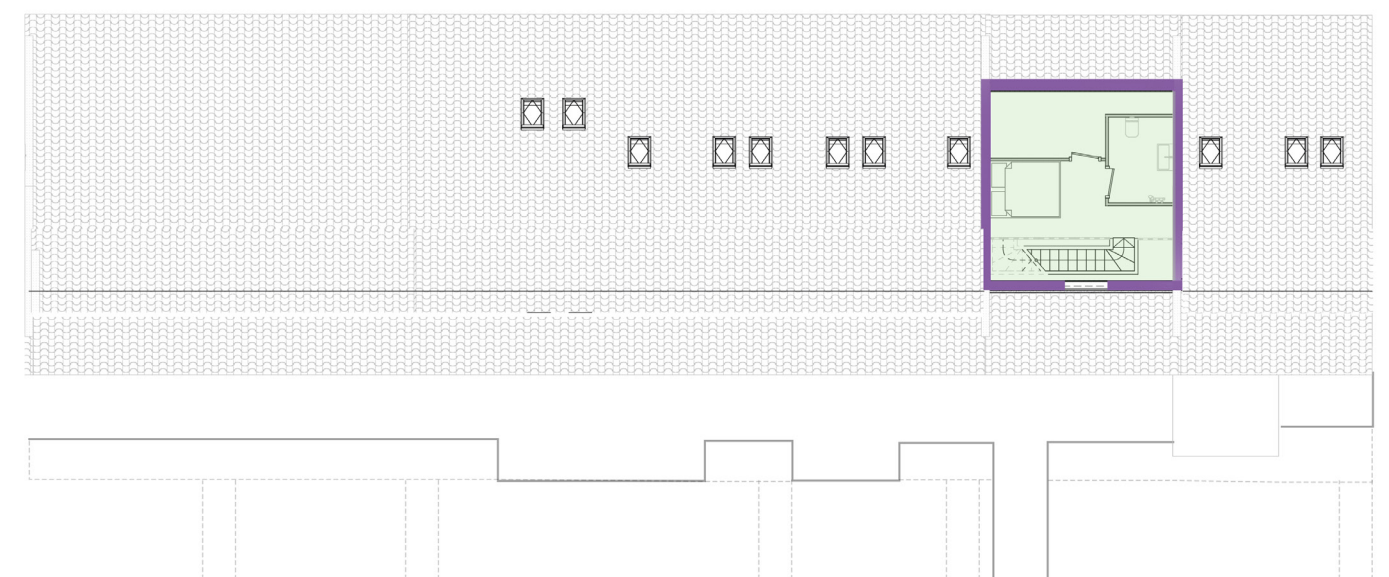
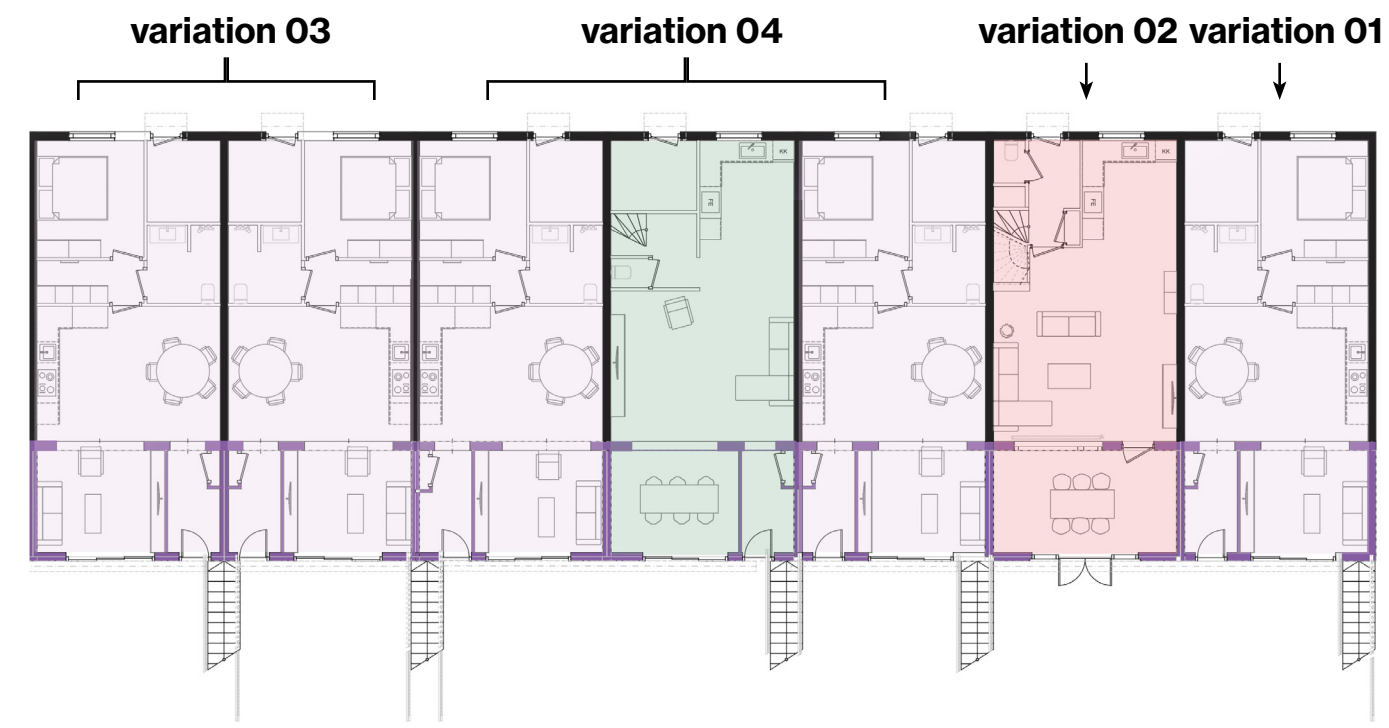

First Floor
1:200

floorplans




Third Floor
1:200

7 homes into 11 types



Variation 01

- Type A; 60m²
- Type B; 50m²
- Type C; 45m²

Variation 02

- Type D; 120m²
- Type E; 40m²

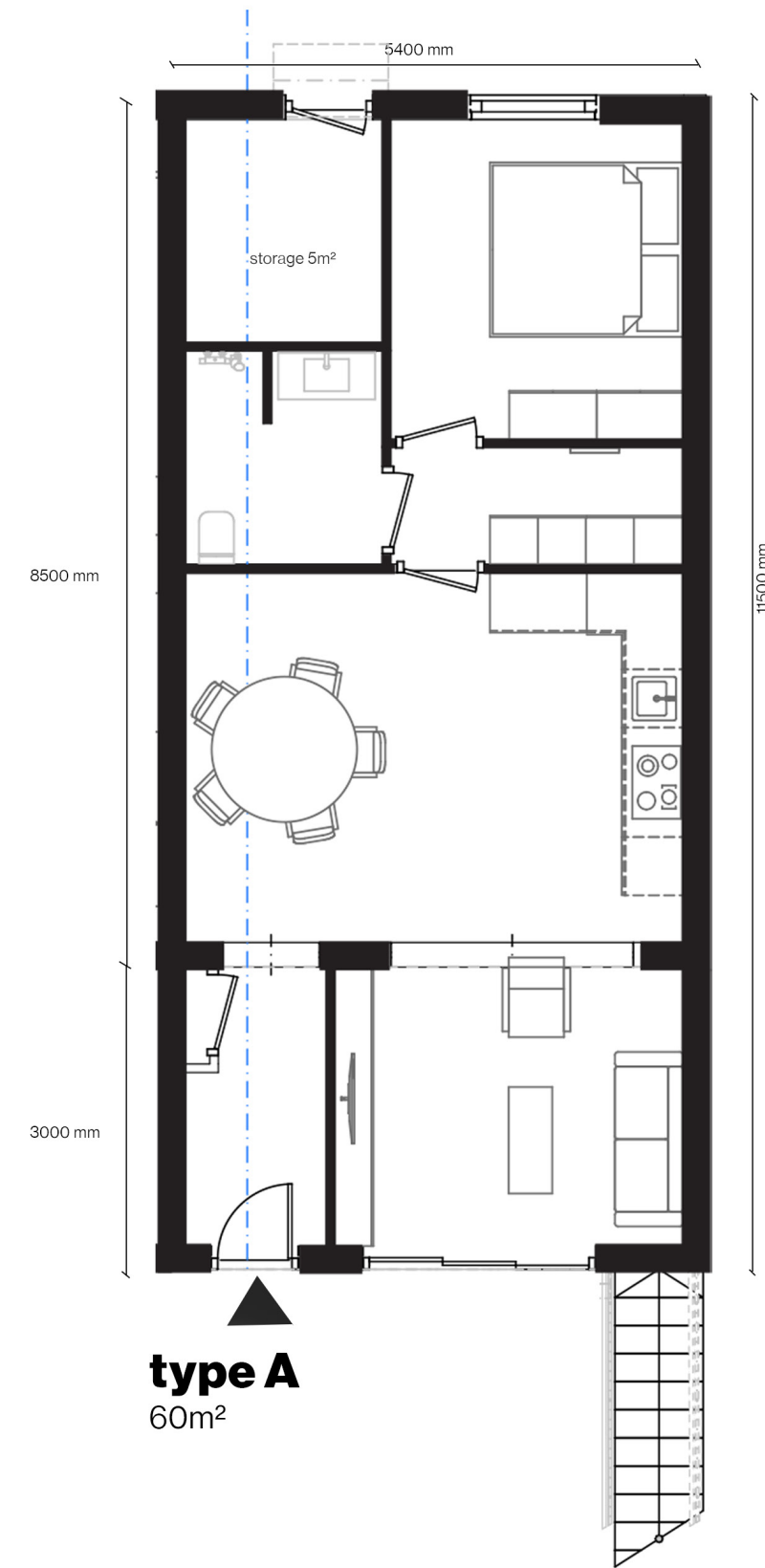
Variation 03

- Type A; 60m²
- Type F; 60m²
- Type G; 55m²

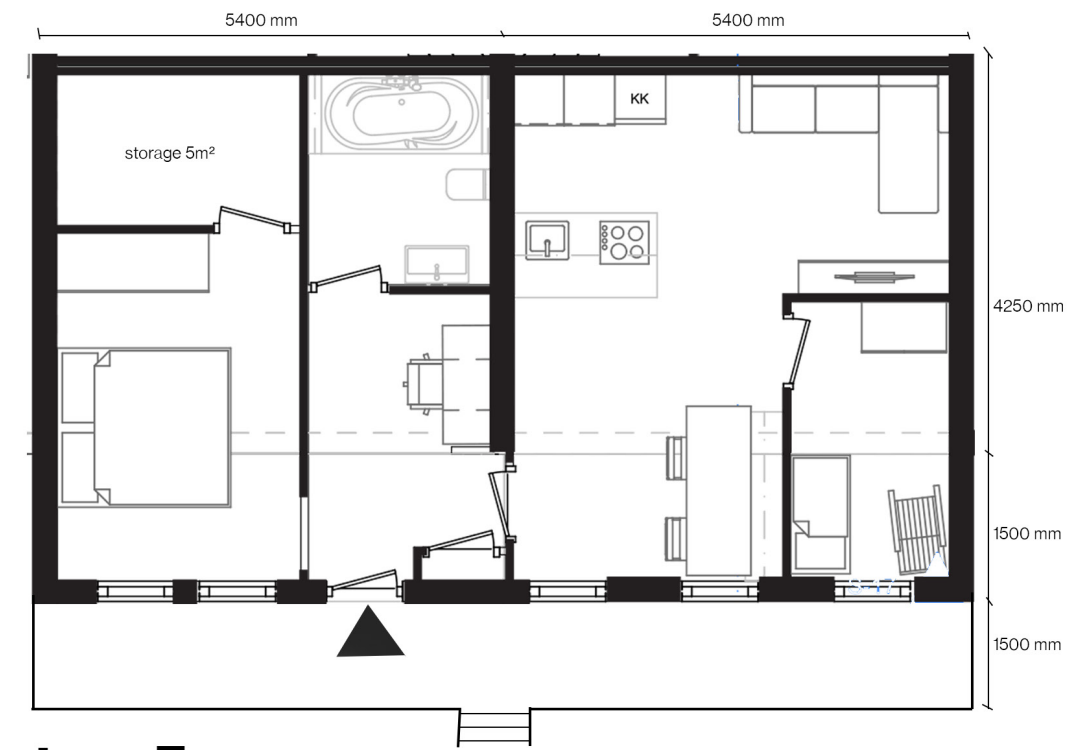
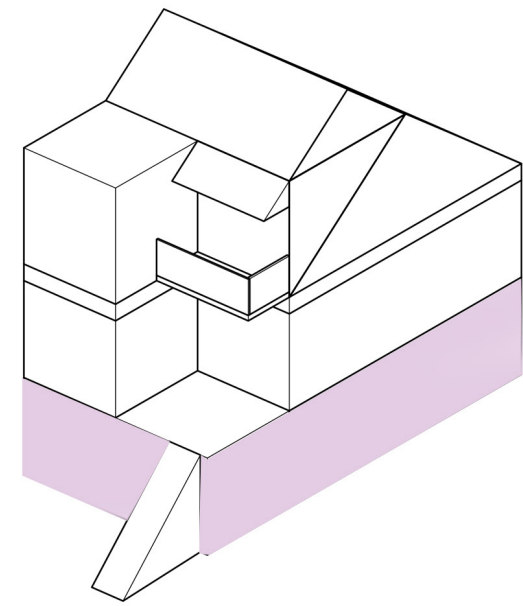
Variation 04

- Type A; 60m²
- Type B; 50m²
- Type H; 37m²
- Type I; 81m²
- Type J; 60m²
- Type K; 65m²

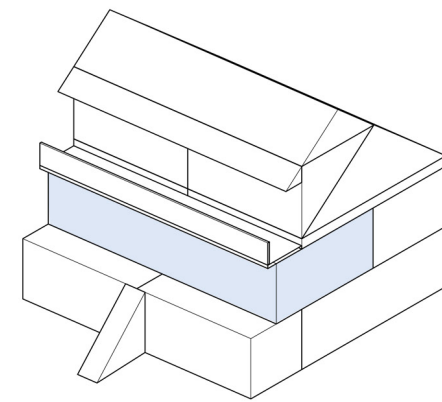
variation 03



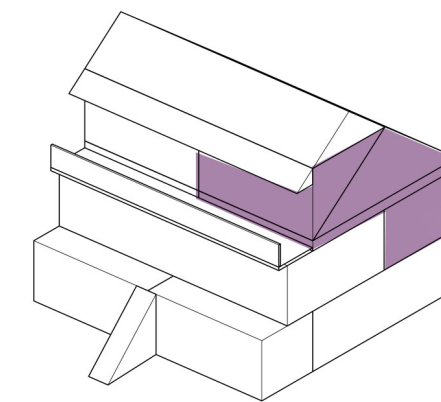
type A
60m²



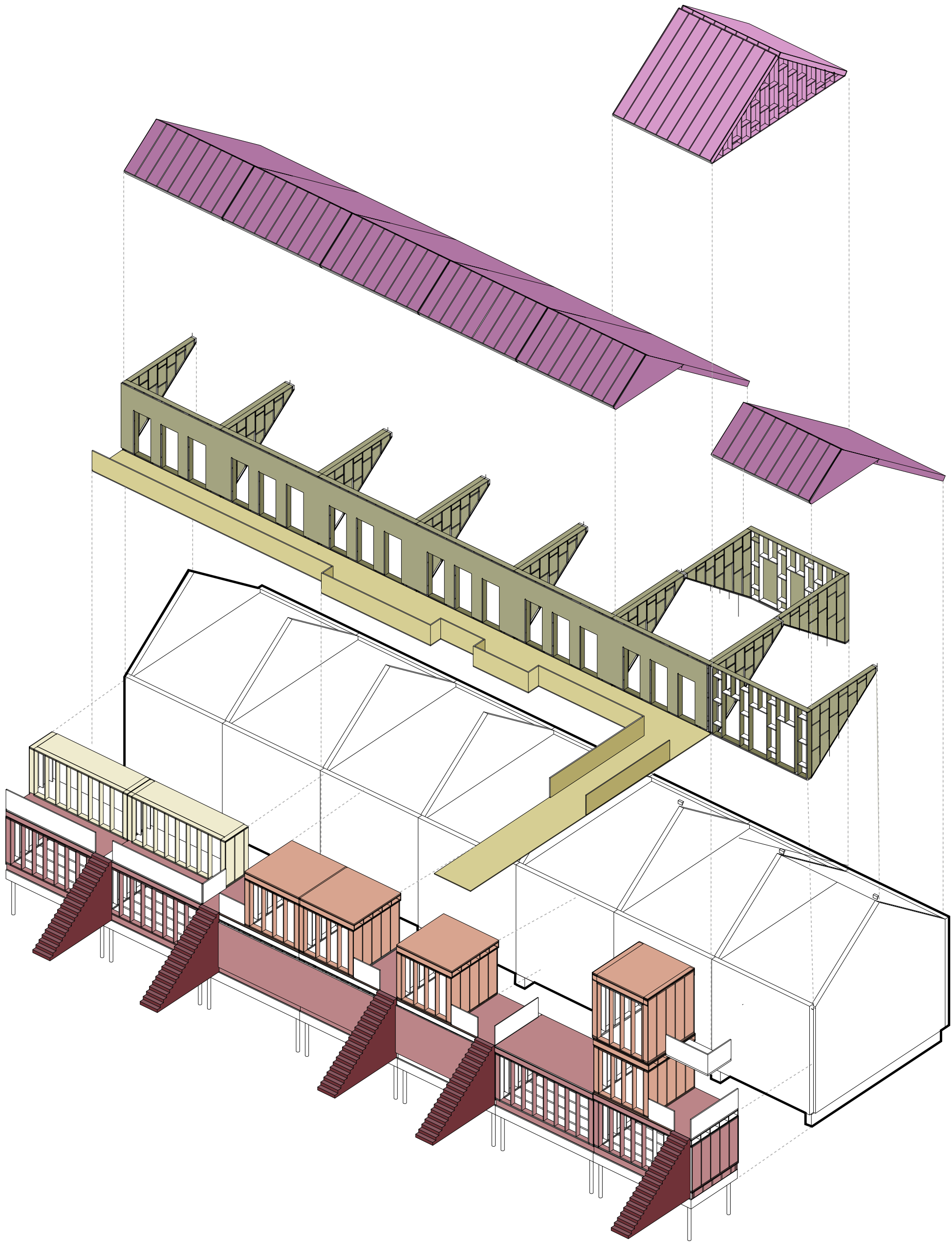
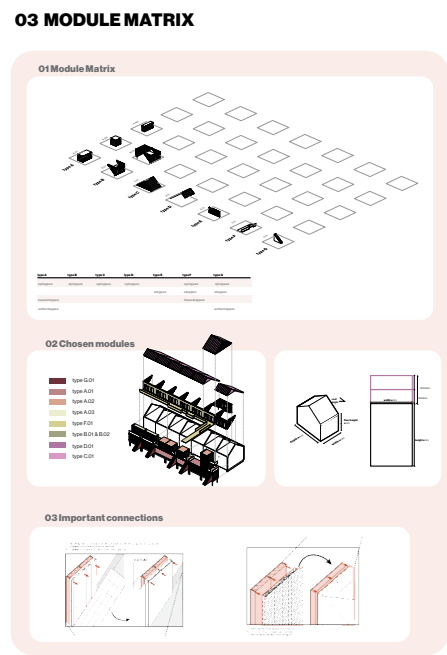
type F
60 m²



type G
55 m²

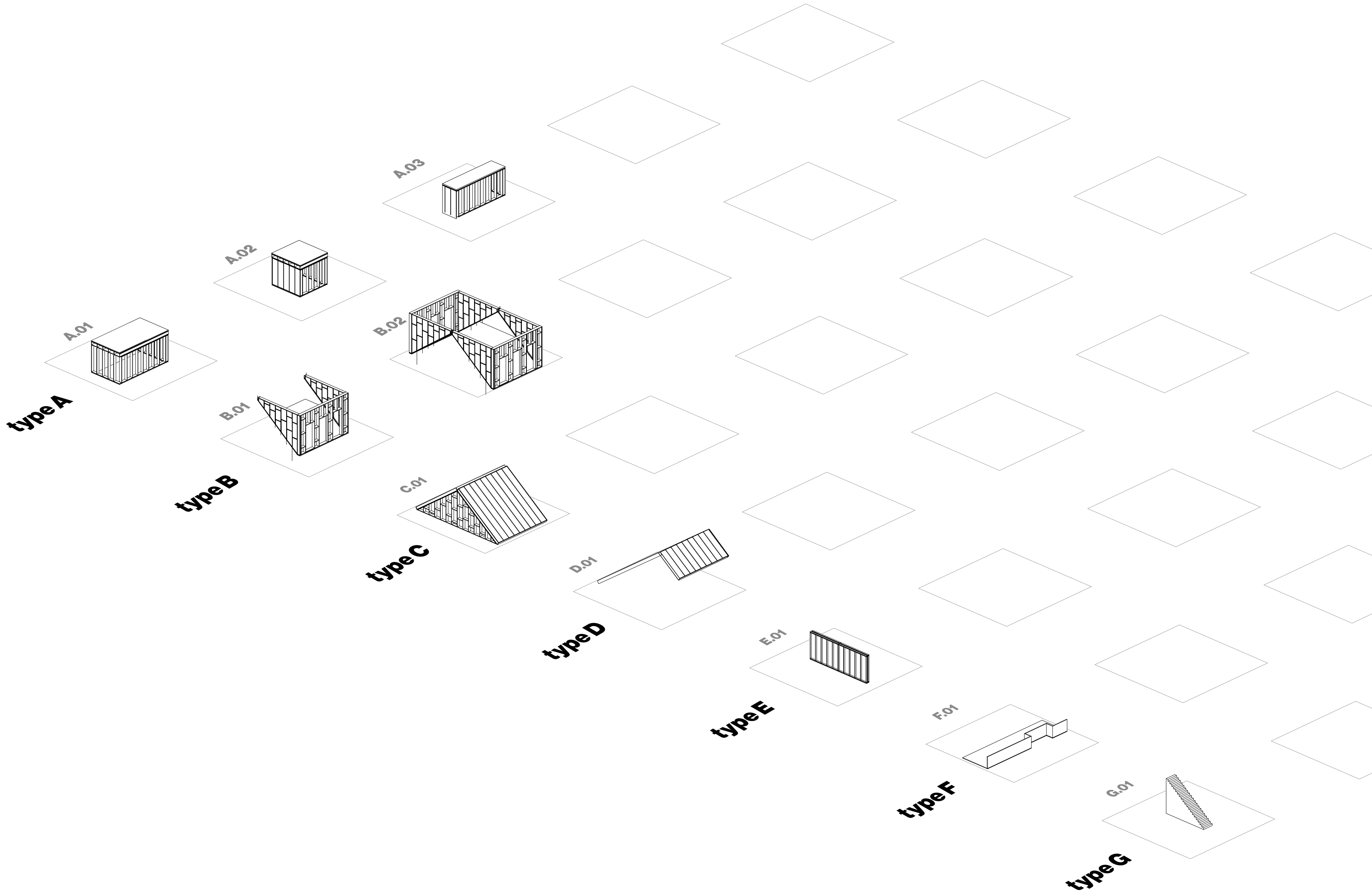


03 Module Matrix



- type G.01
- type A.01
- type A.02
- type A.03
- type F.01
- type B.01 & B.02
- type D.01
- type C.01

Module designs

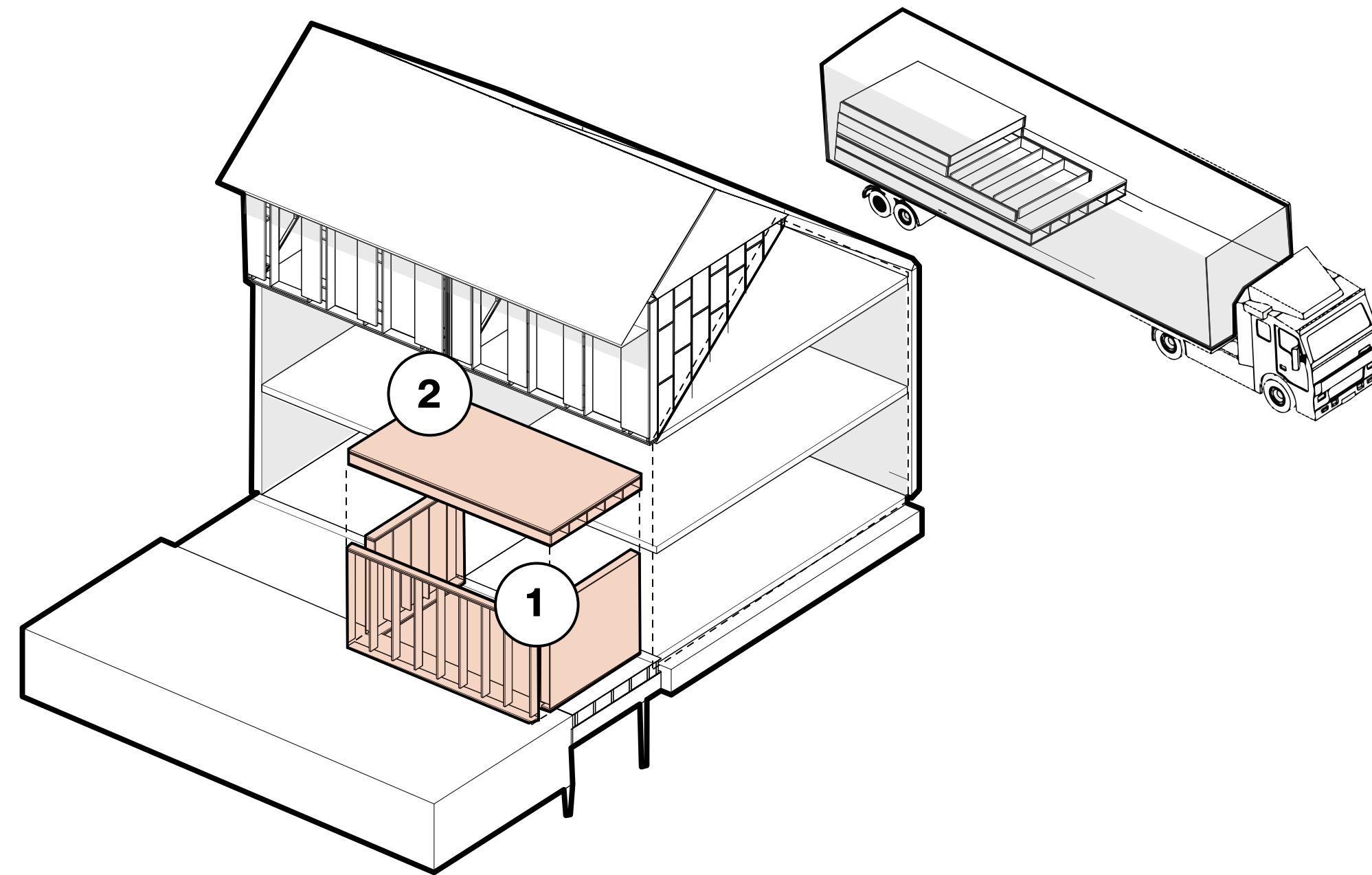


Lightweight modules

- traditonal timberframe constructions

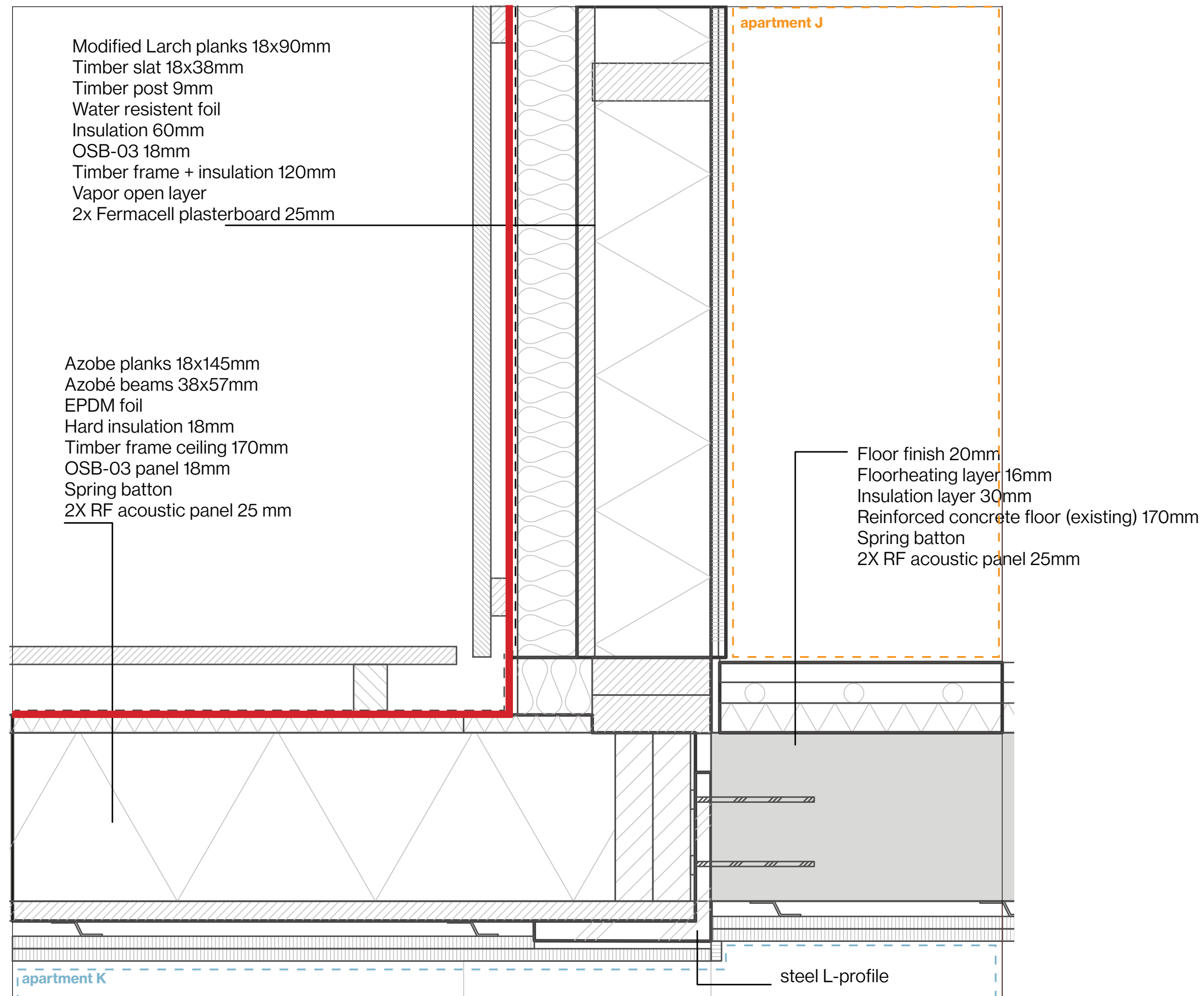
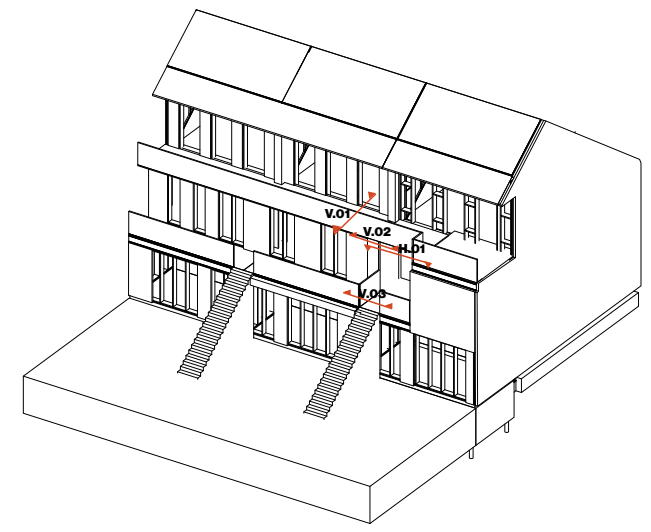
2D elements

- built prefab
- installed on-site

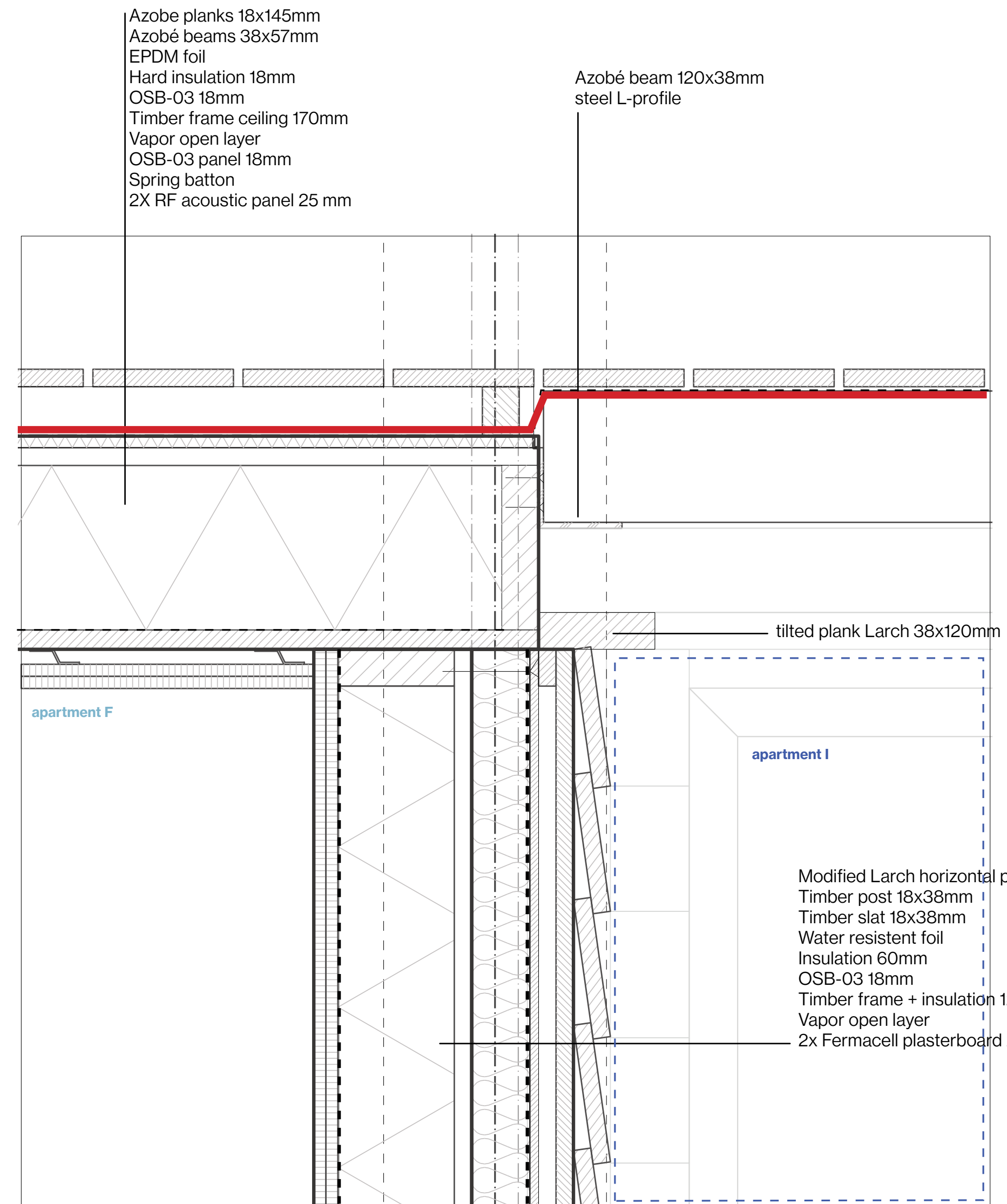


Now, the other **modules** can be placed. First, the modules of the **ground floor** are installed. These are as well **2D elements**.

Air & water tight



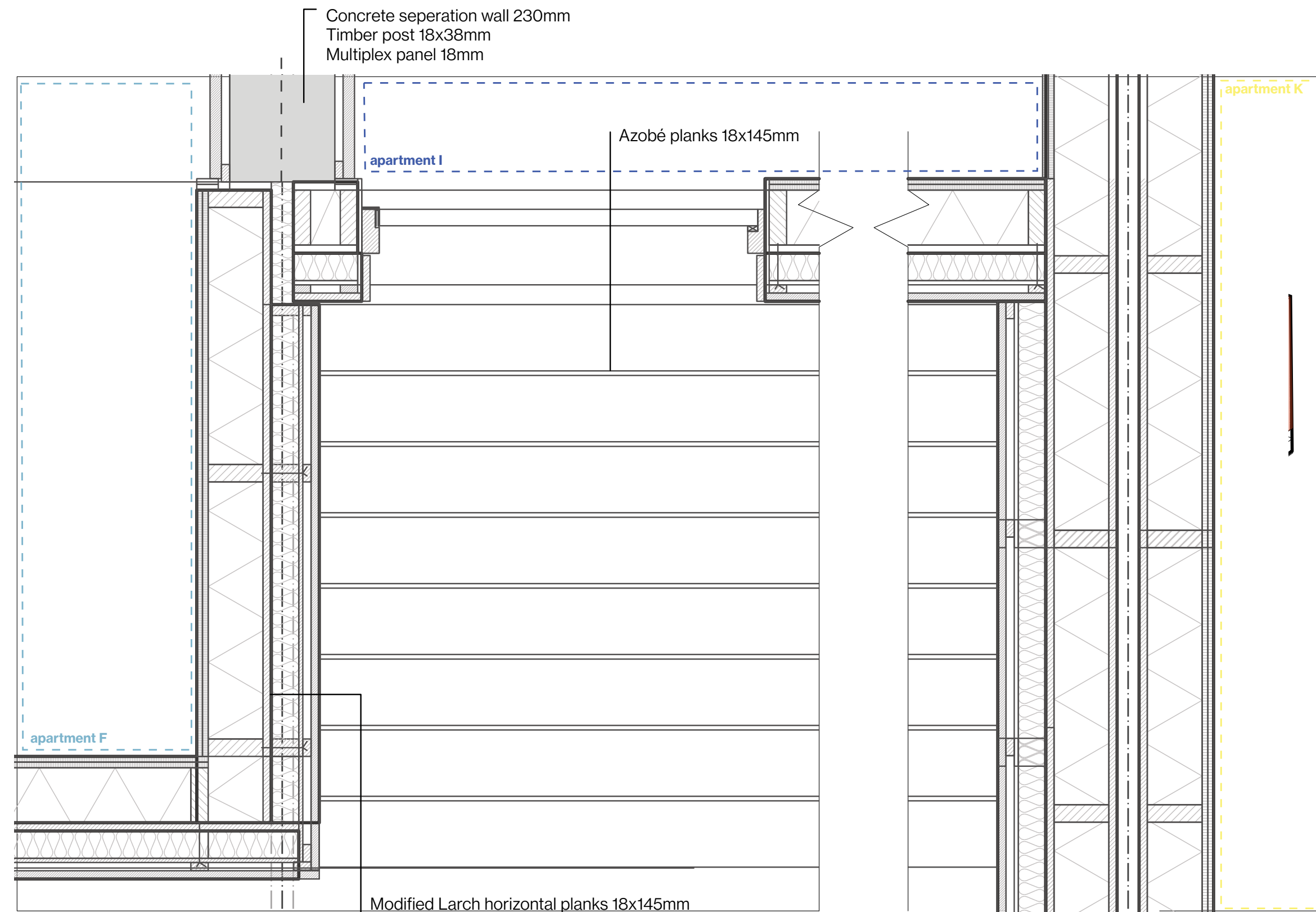
vertical detail V.01
1:5



vertical detail V.02
1:5

Assembly

- facade wall into separation wall
- double wall



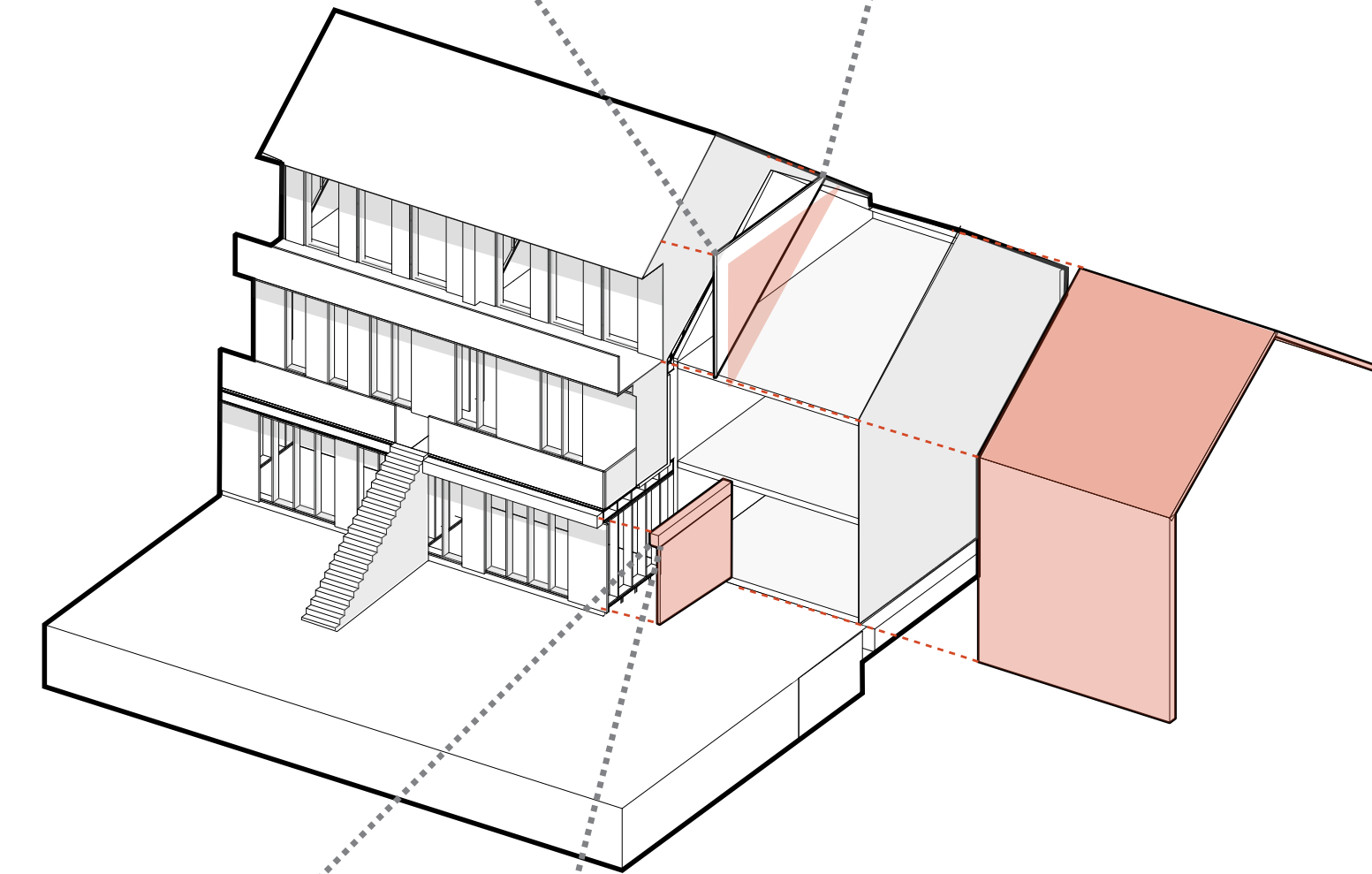
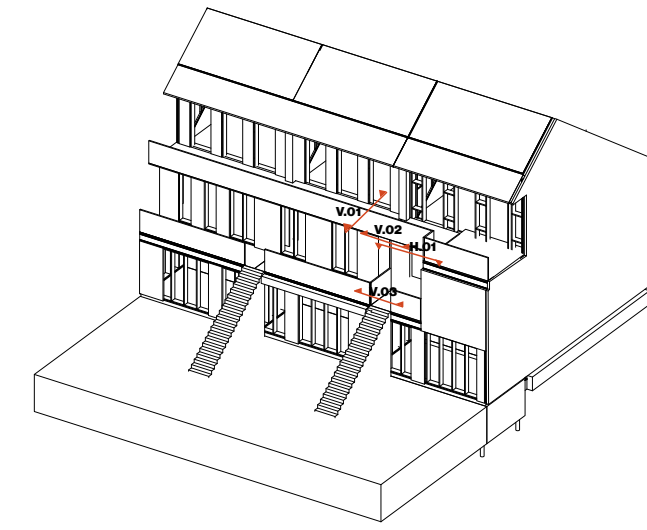
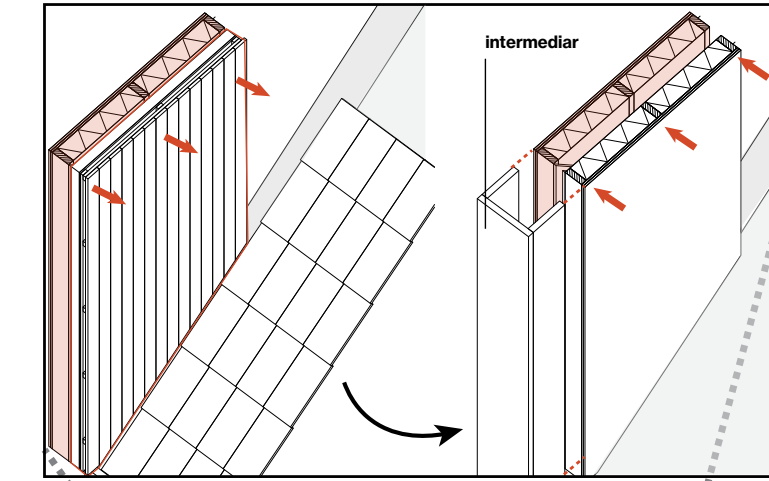
horizontal detail H.01
1:5

Concrete separation wall 230mm
Timber post 18x38mm
Multiplex panel 18mm

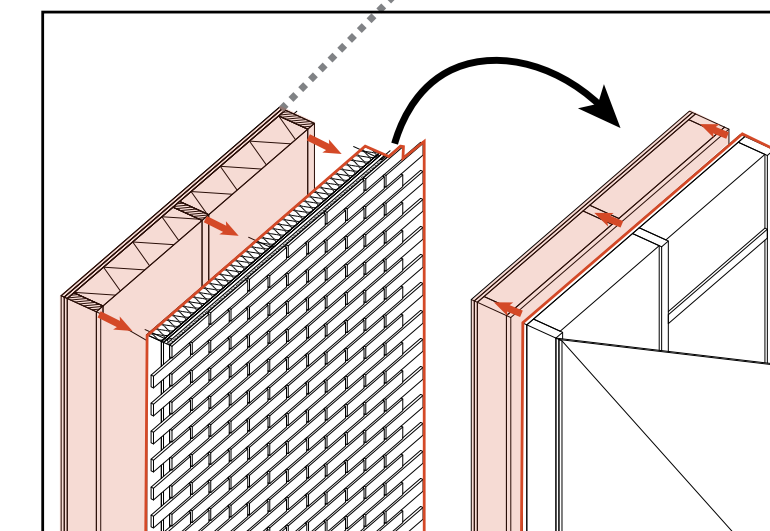
Azobé planks 18x145mm

Modified Larch horizontal planks 18x145mm
Timber post 18x38mm
Timber slat 18x38mm
Water resistant foil
Insulation 60mm
OSB-03 18mm
Timber frame + insulation 120mm
Vapor open layer
2x Fermacell plasterboard 25mm

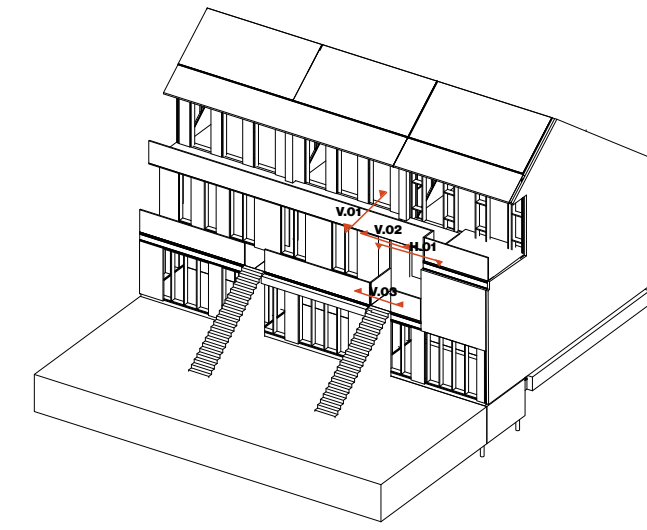
1. removing the front-facade of the roof extension & removing roof of rowhouse
2. installing second timber frame element
3. installing intermediar to tie two modules together



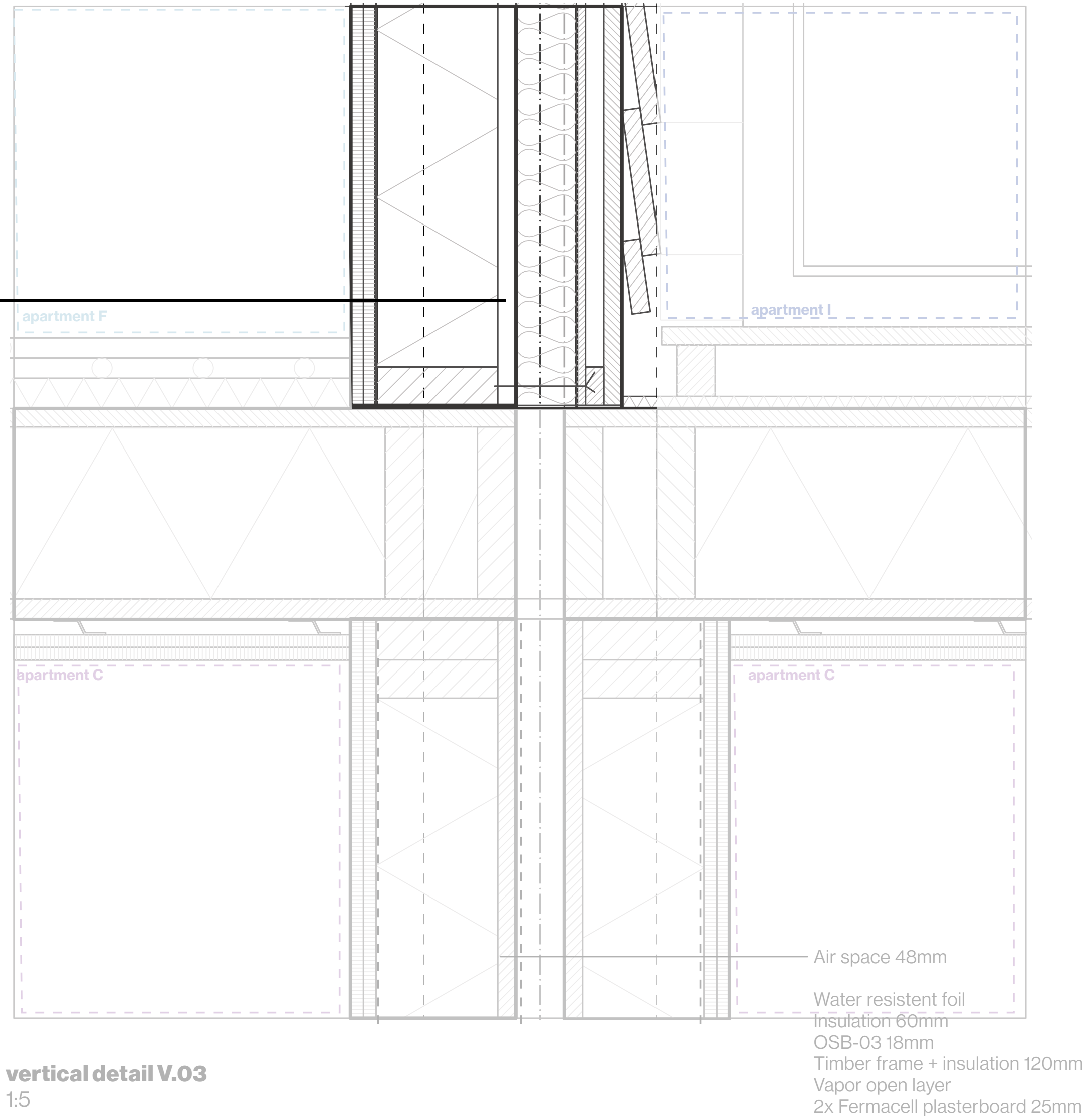
right: is joining the project



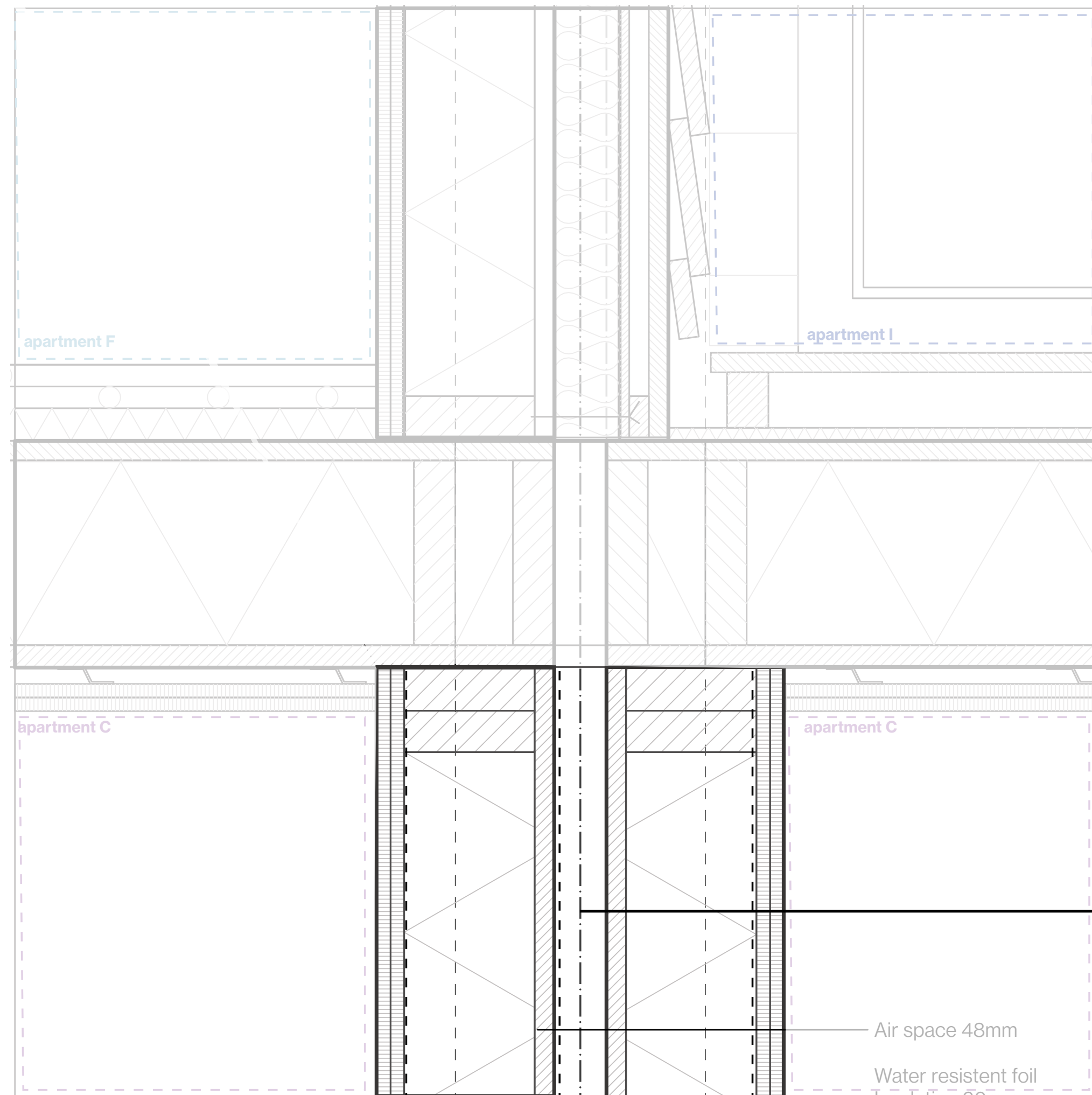
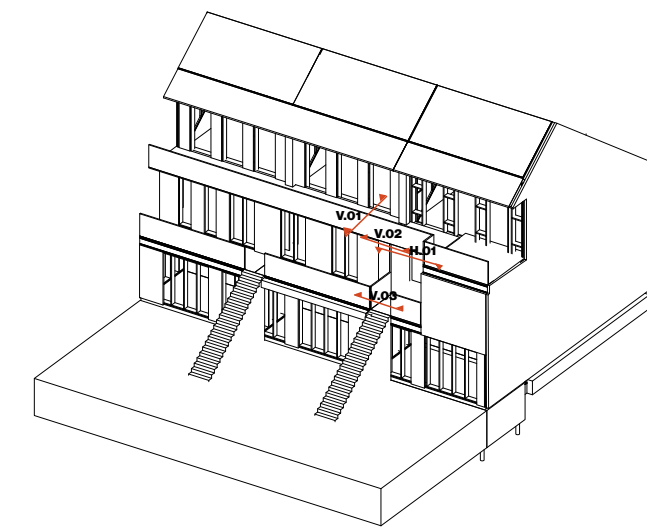
1. removing the front-facade of extension
2. installing second timber frame element
3. the facade turns into a separating wall



standard + facadewall



vertical detail V.03
1:5

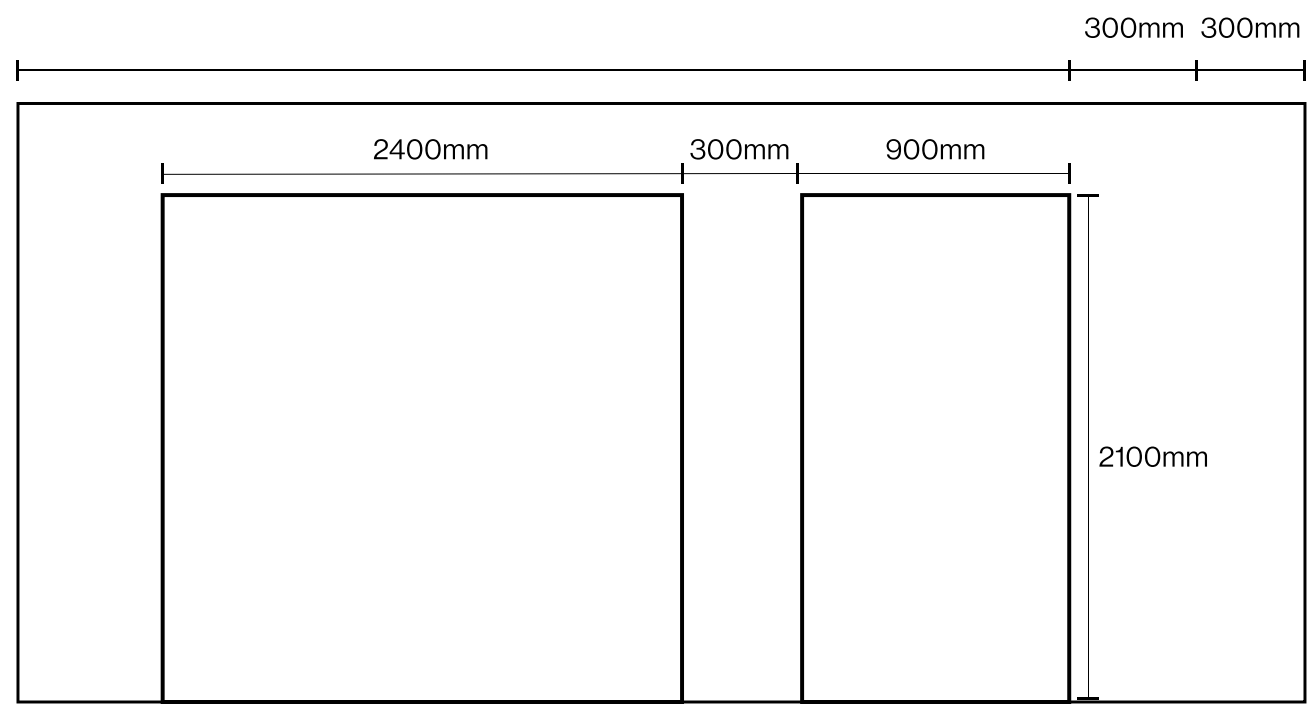
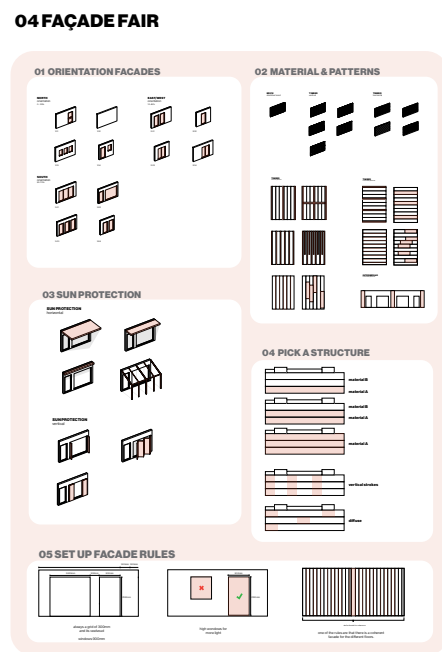


2 standard = separation wall

- Air space 48mm
- Water resistant foil
- Insulation 60mm
- OSB-03 18mm
- Timber frame + insulation 120mm
- Vapor open layer
- 2x Fermacell plasterboard 25mm

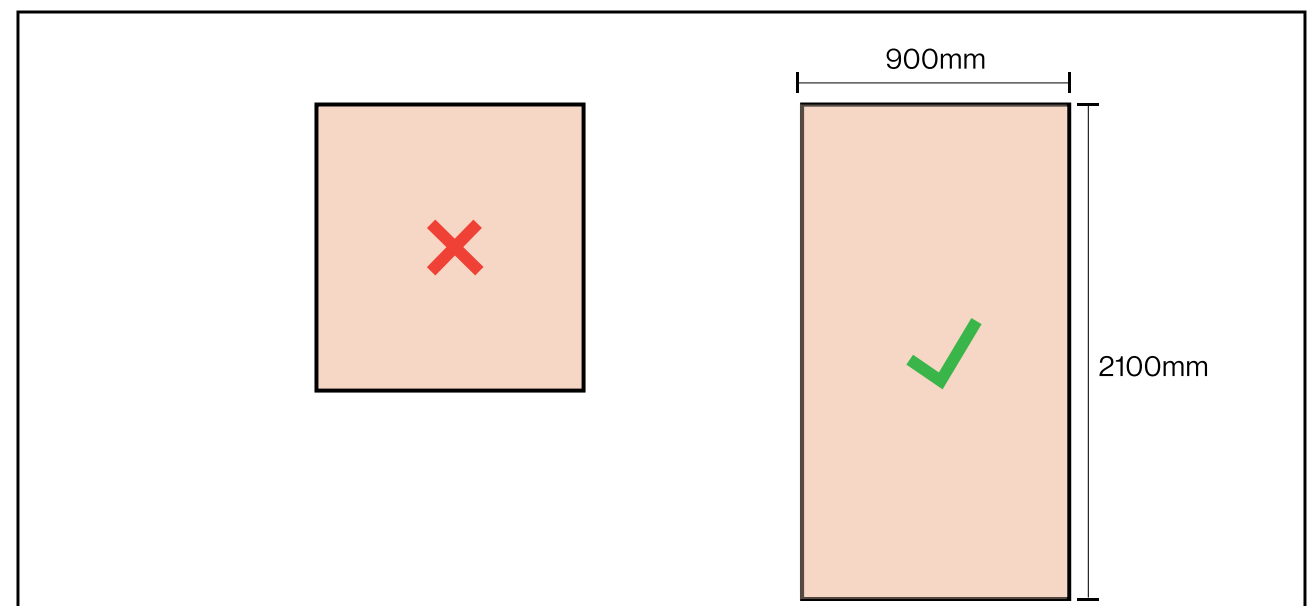
vertical detail V.03
1:5

04 Facade Fair

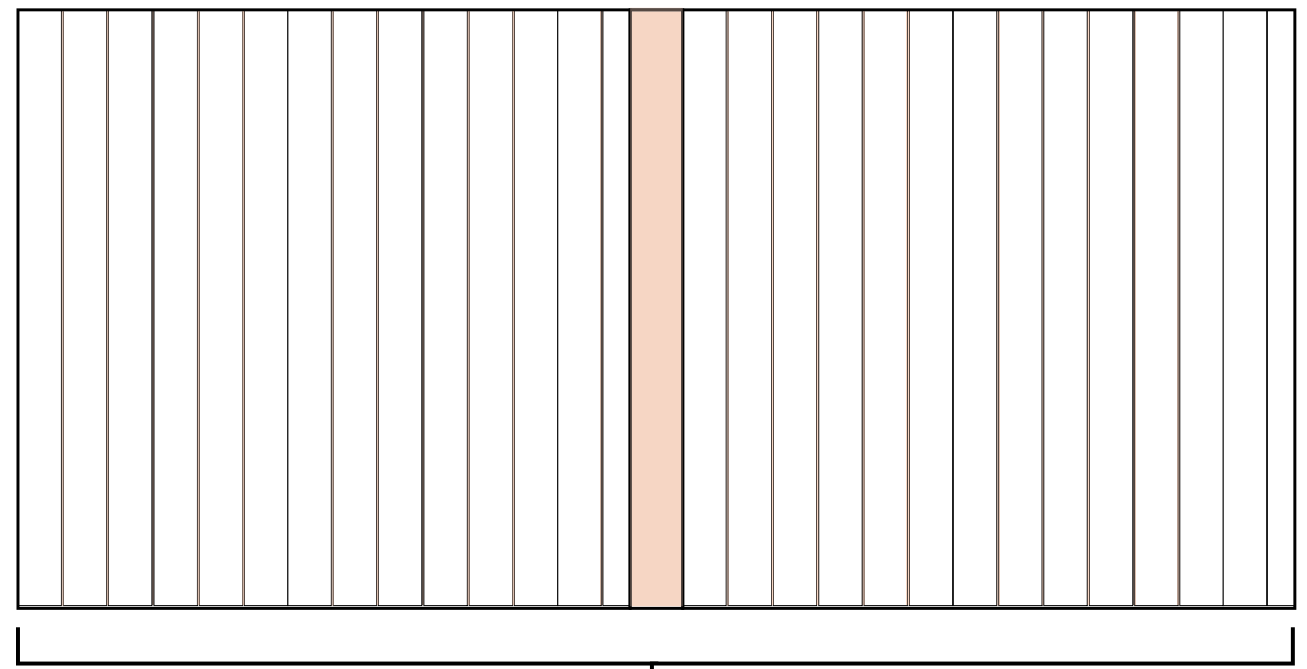


always a grid of 300mm and its veelvoud

windows 900mm
height 2100mm



high windows for more light



one of the rules are that there is a coherent facade for the different floors.

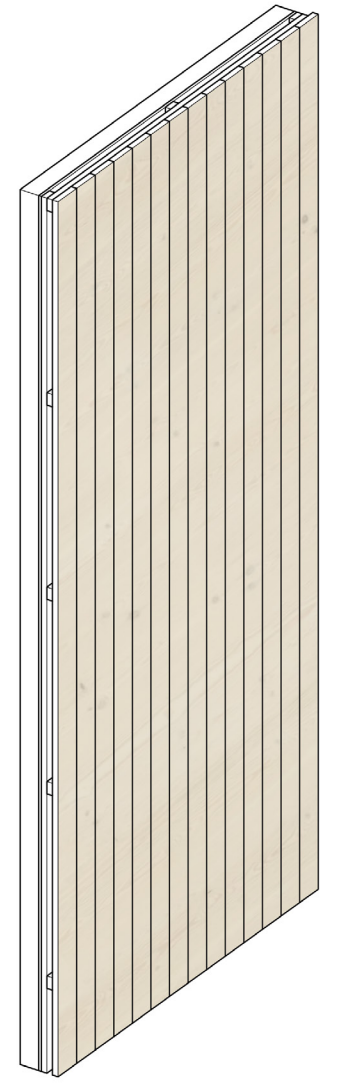
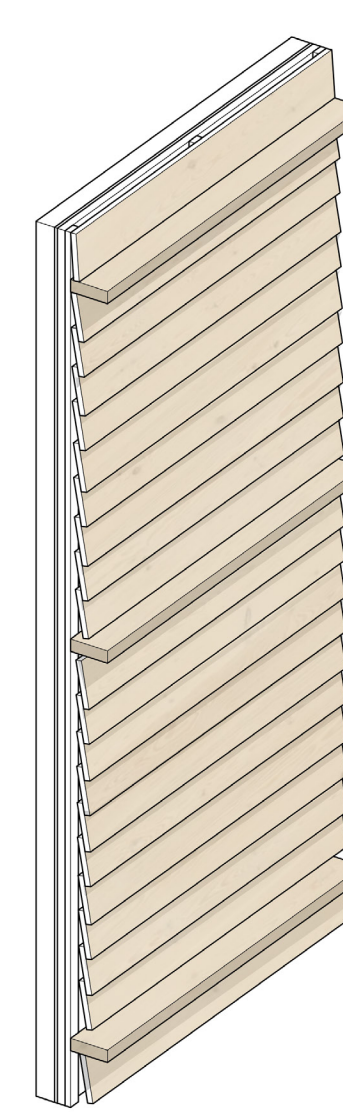
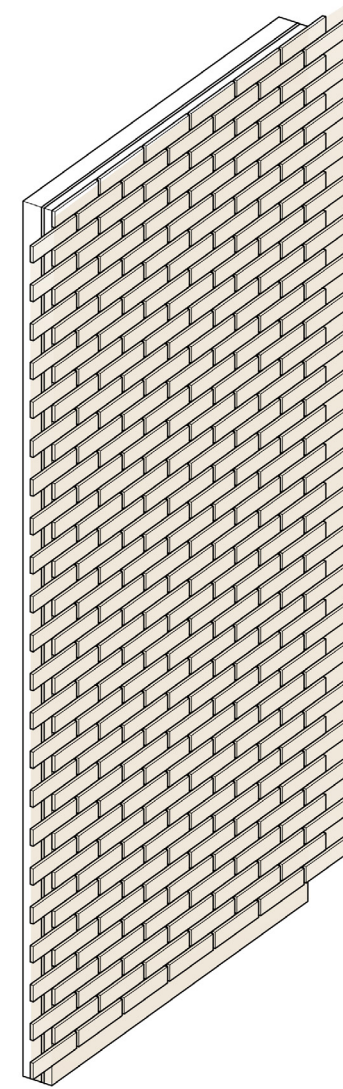
similar facade for coherence



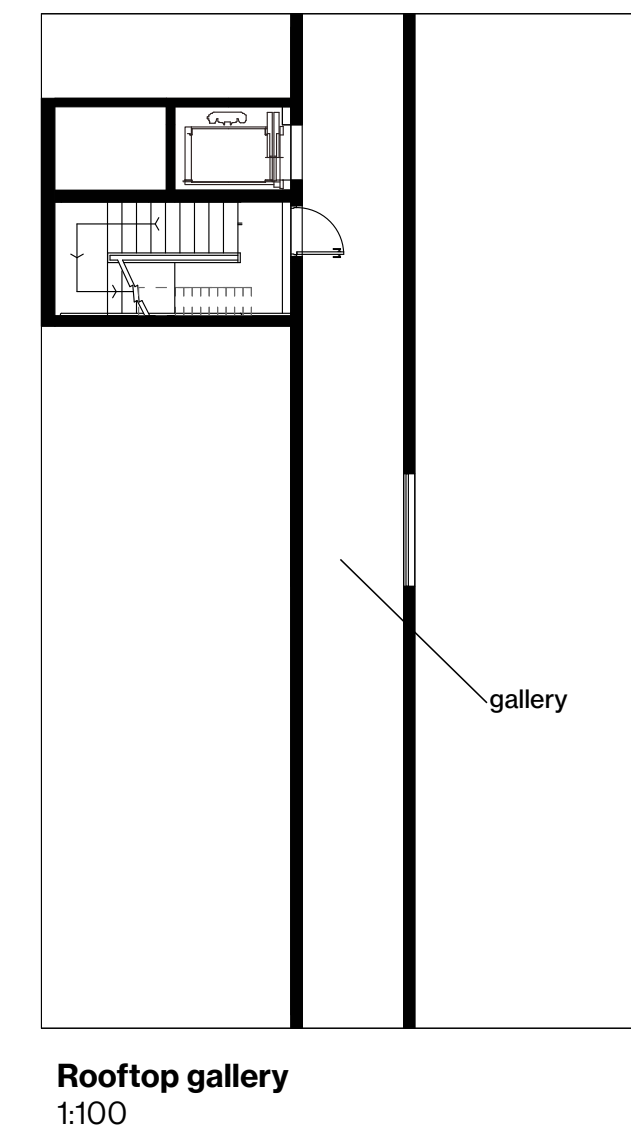
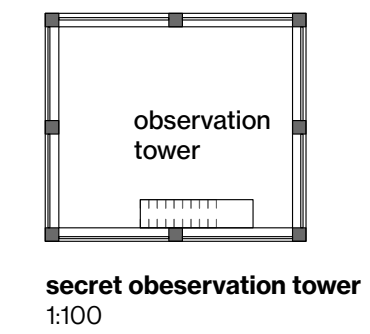
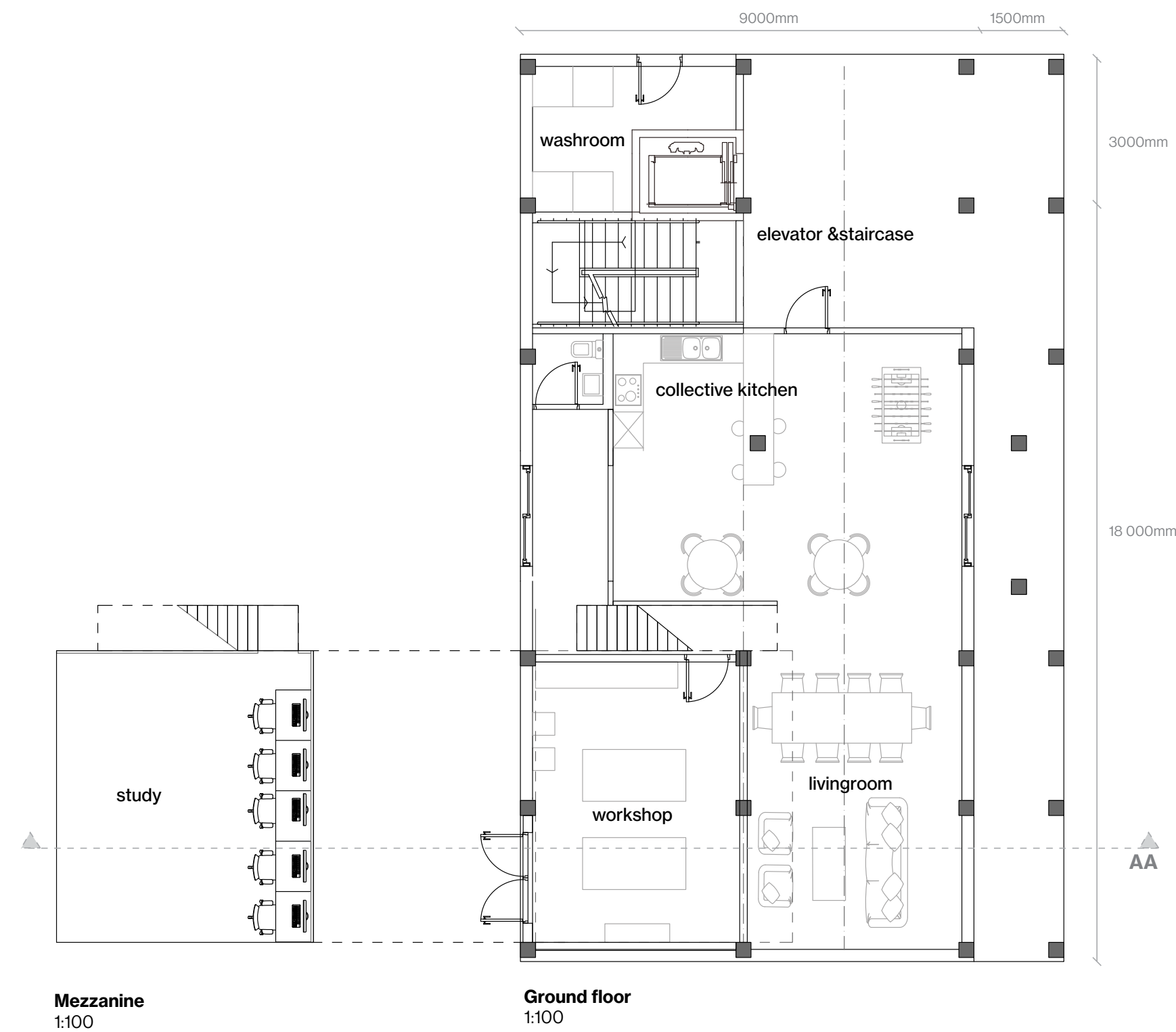
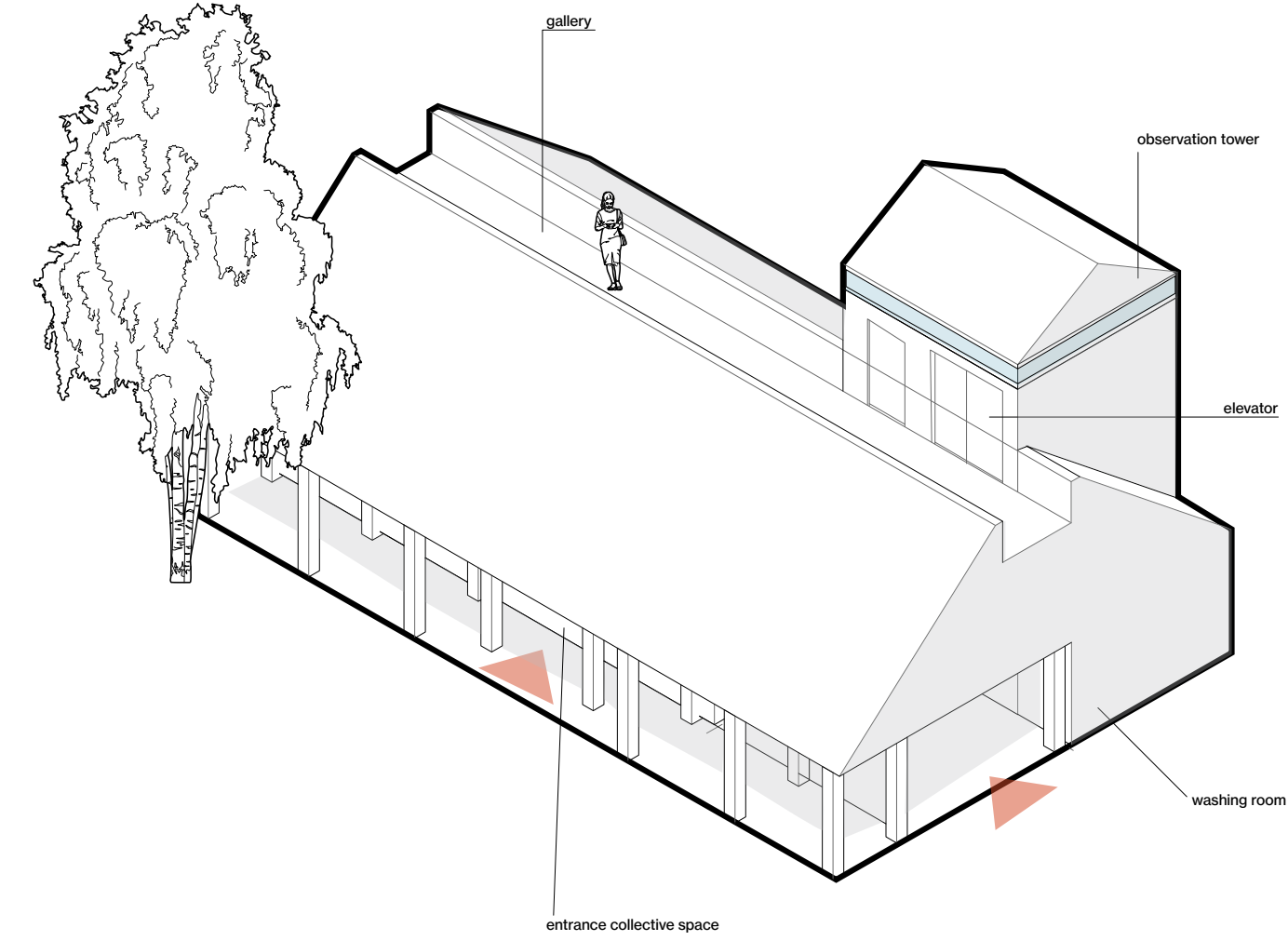
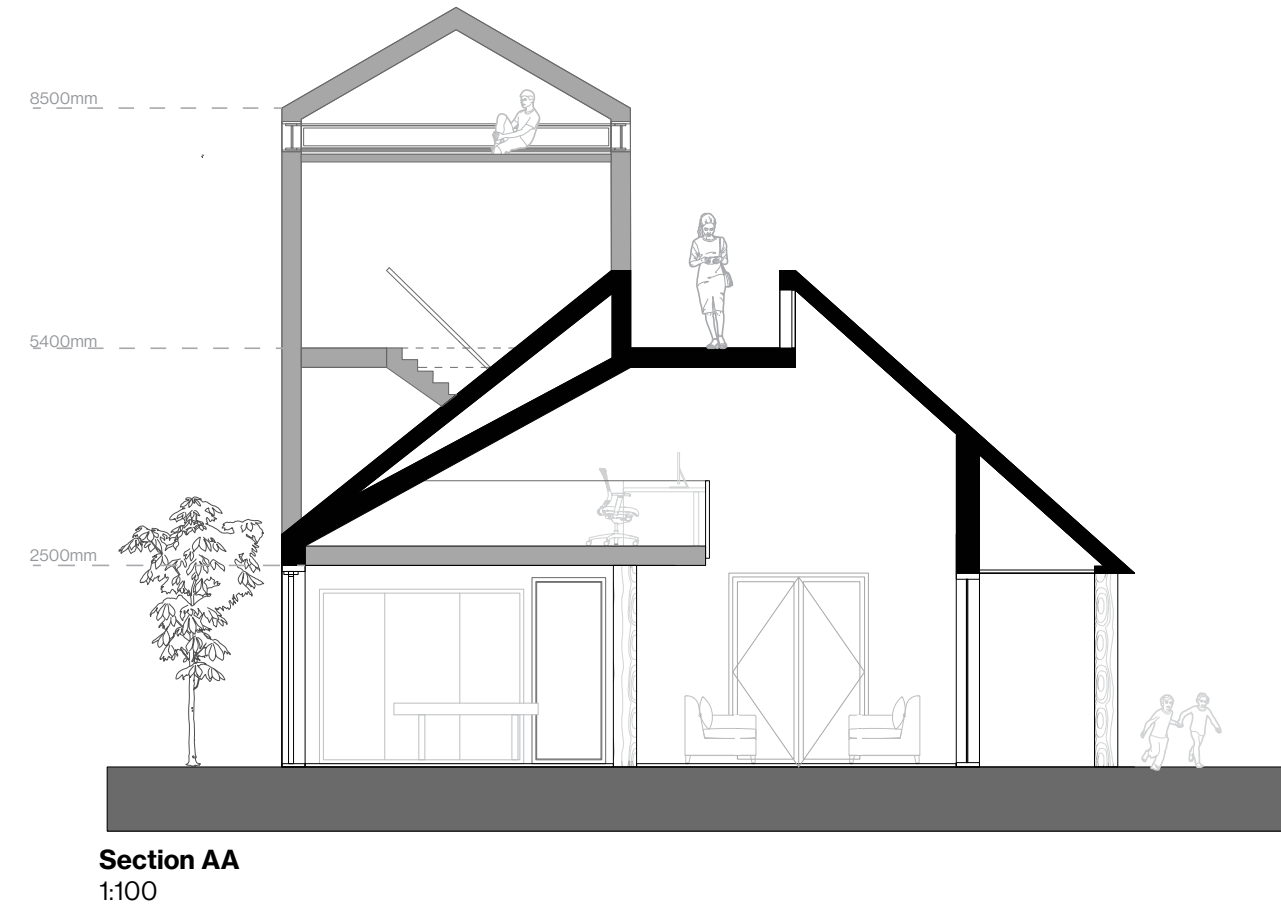
facade of groundfloor:
yellow brick waalformaat
50x210x100mm

facade of 1st floor:
Larch horizontal overlapping
planks
18x145mm

facade of 2nd floor:
Larch vertical planks
18x90mm



Collective space





Visualisation inner courtyard



Design Results

- **73 homes (x2,5)**
- **37m² - 120m²**
- **+33% of existing m²**

- **collective livingroom**
- **inner courtyard**
- **renovated houses**







THE IMPACT

- ✓ **1. Not build new buildings & mostly biobased**
- ✓ **2. With adding the minimum of material and m², create 73 homes out of 29**
- ✓ **3. Bring back the balance between m² and household size**
- ✓ **4. Promote social cohesion**
- ✓ **5. Served the basic human right of having shelter and tackle injustice**



IS THIS PROJECT DONE YET?

More research can be done:

- **Financial**
- **Law**
- **Feasibility**
- **Participation**

I believe that with a little bit of

WILLPOWER
IMAGINATION
POSTIVITY

We could embrace the movement Op-en-Top-Wonen!

(fictional image)



Meldt nu ook jouw VVE aan en ontdek de voordelen van een Op-en-Top-Wonen Wijk.

Merkt u ook dat u de helft van uw woning nauwelijks lijkt te gebruiken? Lijkt het stil te zijn in uw buurt en mist u sociale cohesie?

Bekijk dan eens de voordelen van het Op-en-Top-Wonen concept!



ga naar www.op-en-top-wonen-wijk.nl/volkshuisvestingnederland en ontdek de mogelijkheden in uw buurt!

(fictional image)

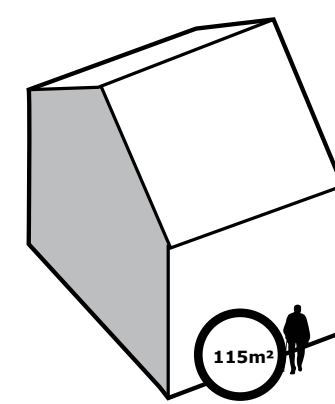
Door uw woning te splitsen, renoveren en waar mogelijk uit te breiden kunt u niet alleen woningzoekenden aan een woning helpen, maar u kunt ook uw woning levensloopbestendig maken en verduurzamen. U hoeft uw geliefde buurt niet te verlaten en krijgt er een sociale buurt voor terug. En een ander voordeel: het levert lagere woonlasten op.

Enthousiast? Wordt samen met jouw buurt een Op-en-Top-Wonen Wijk en ontdek de voordelen!

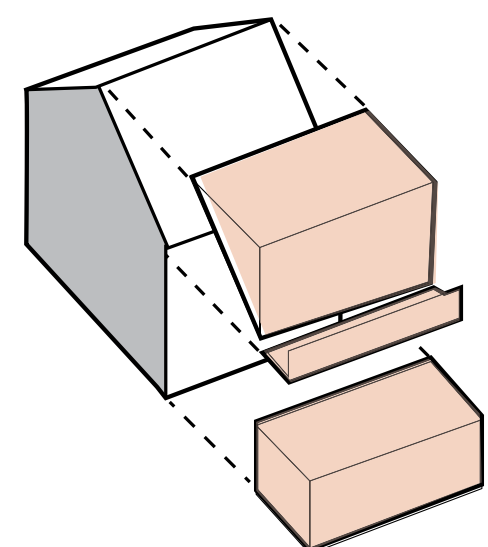
- verduurzaamde & gerenoveerde woning
- sociale buurt
- lagere woonlasten
- gedeelde voorzieningen
- levensloopbestendige woningen



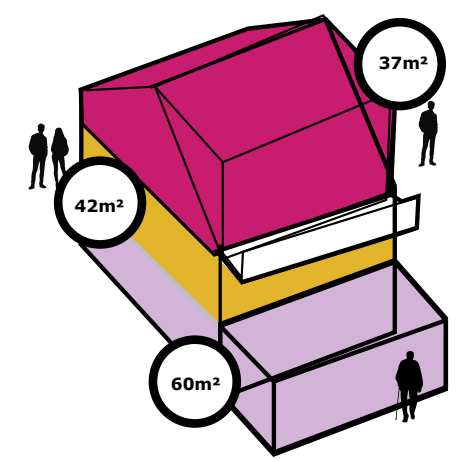
let's take action now!



Stap 1
aanmelden



Stap 2
transformatie



Stap 3
van 1 naar 3 woningen



THANK YOU FOR LISTENING!
are there questions?

