

Houses are more than containers for Humans

Evi Dirks

P4 presentation
May 2019

Technical University Delft. Architecture, Explore Lab

Architecture tutor: Ir. R.R.J. van de Pas
Research tutor: Dr. D.K. Czischke Ljubetic
Building Technology tutor: Ir. P. Jennen







Luxury facilities



Luxury facilities



Luxury facilities



Luxury facilities



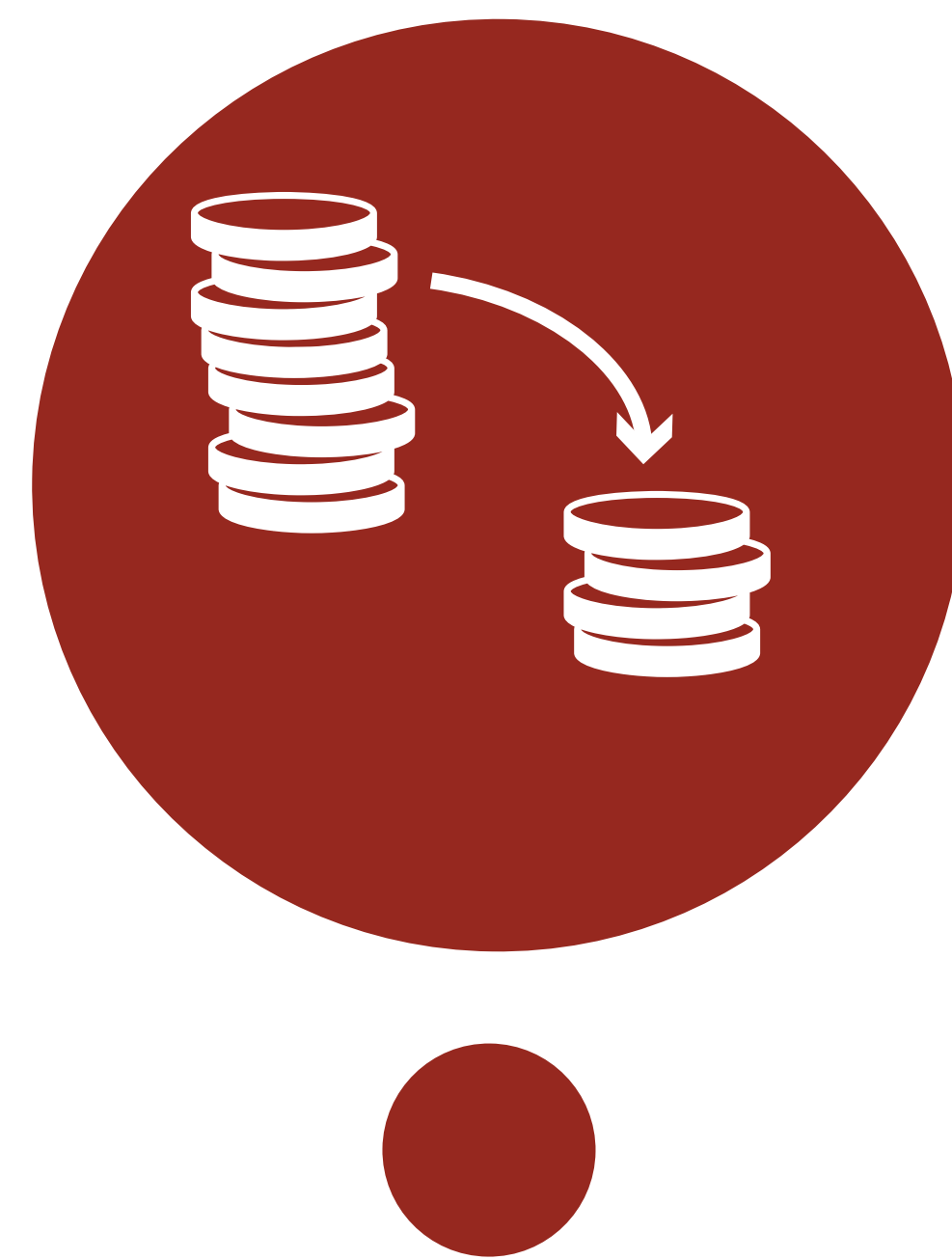
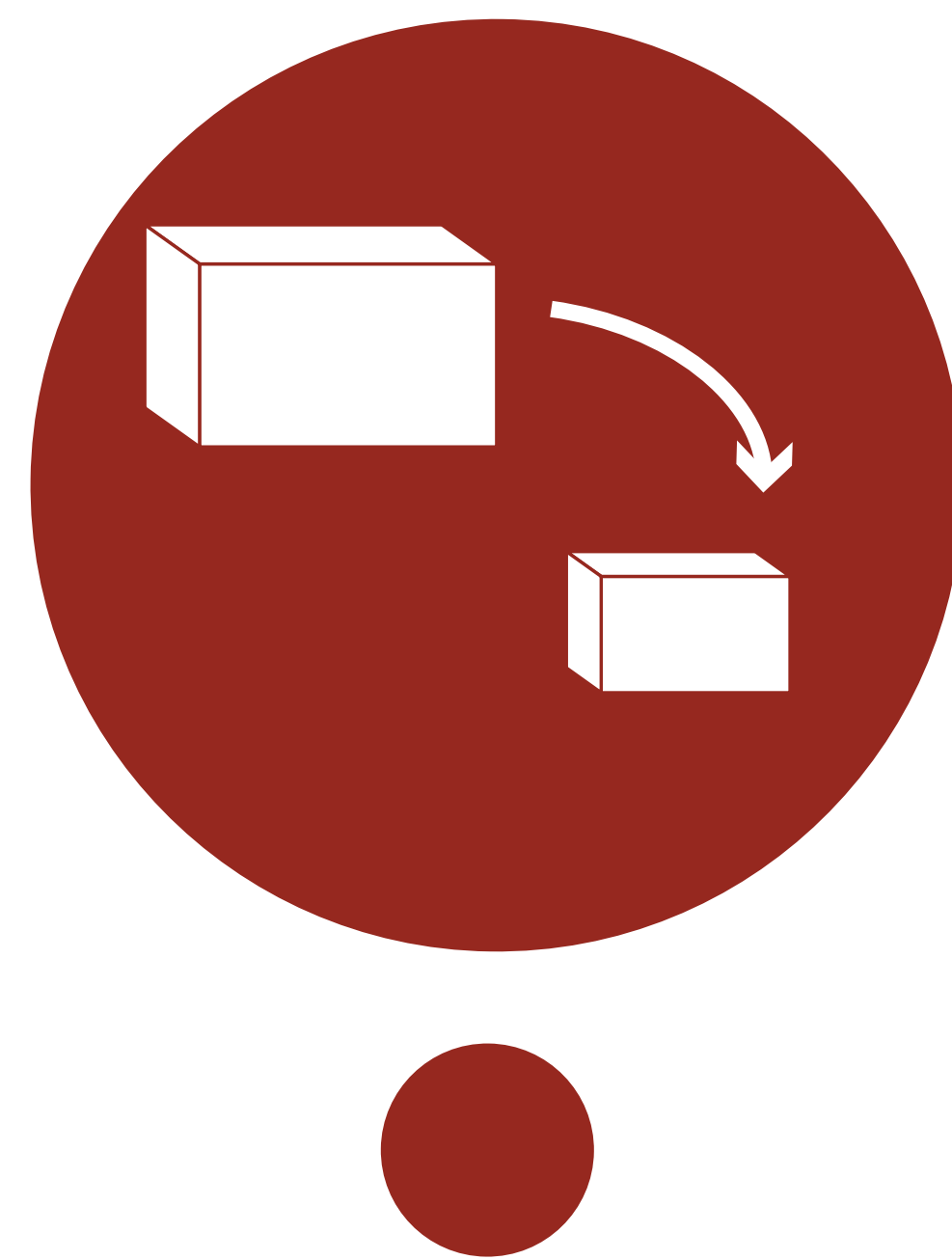
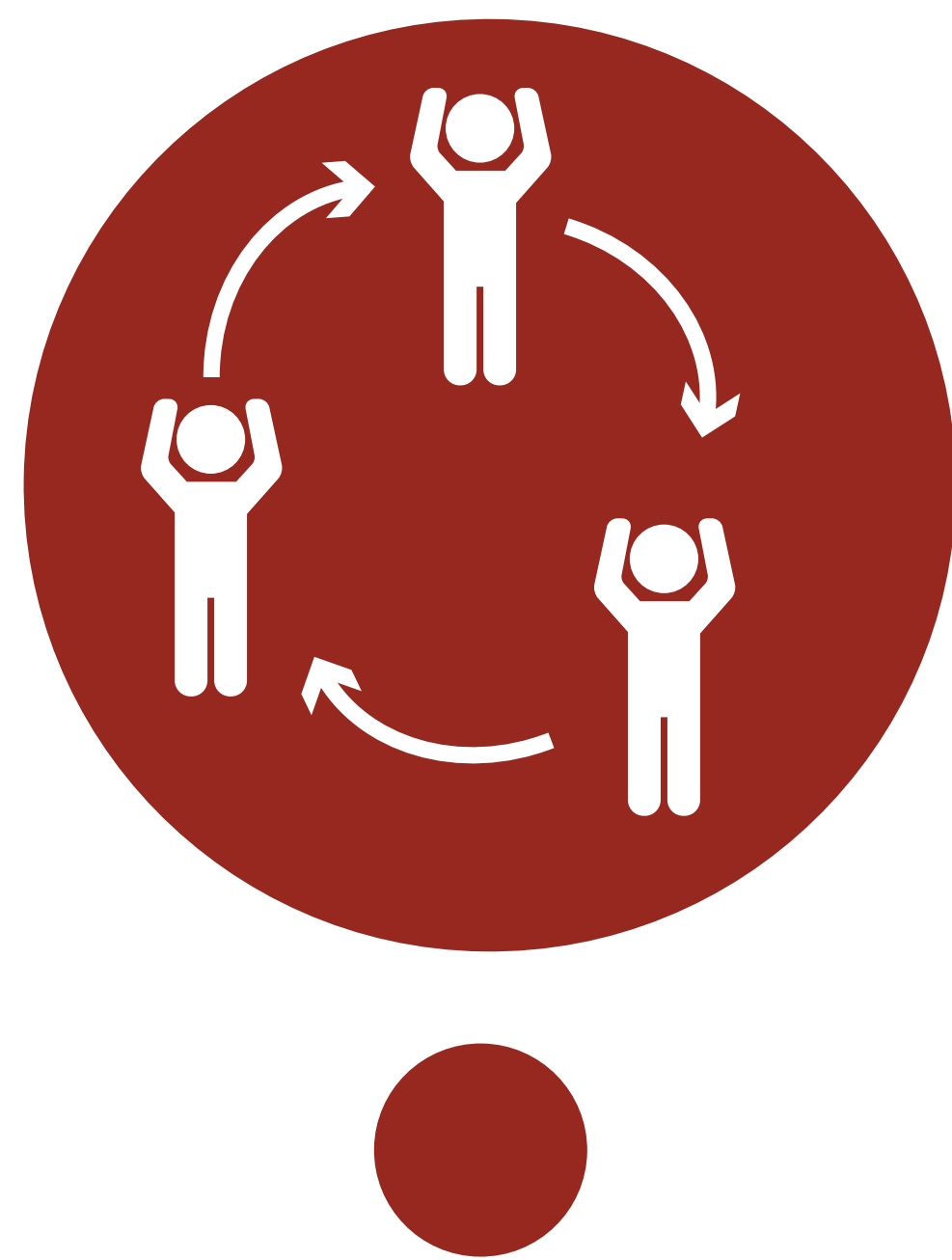
Where do I sign up?

Cohousing



What is Cohousing?

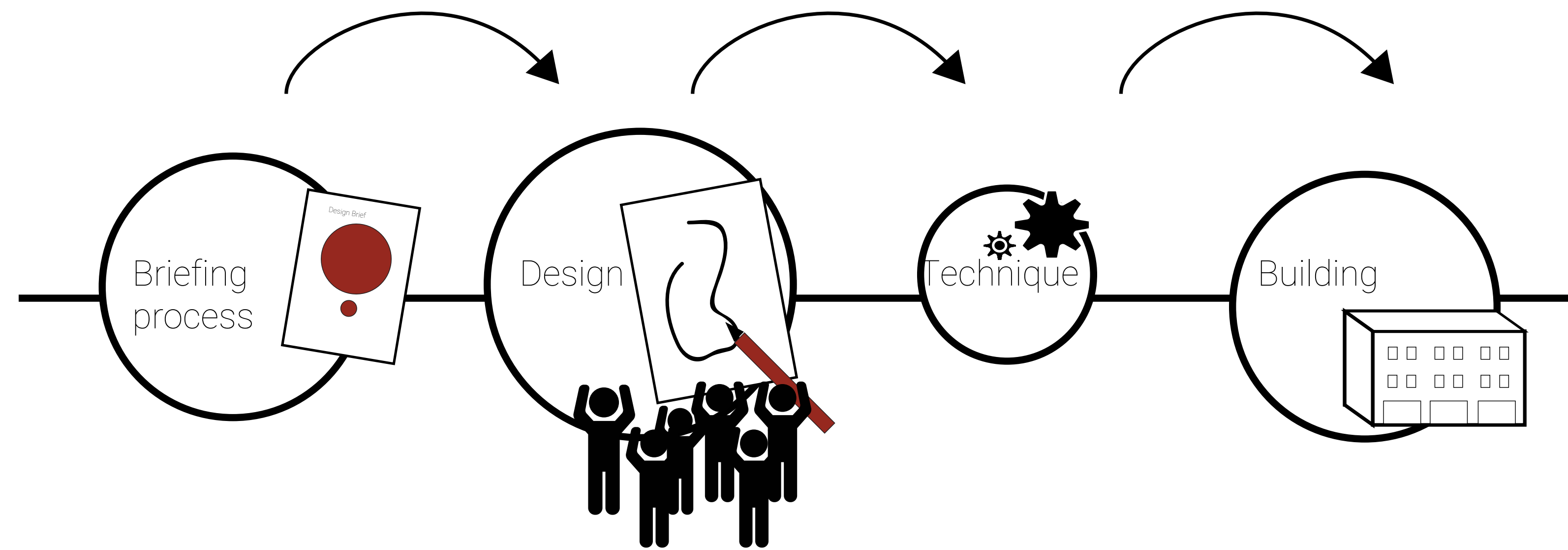
Cohousing encourages **social contact**, residents have a strong **participation** role in the development process, complete management of their community, and typically **share dining** on a weekly basis among other defining criteria.



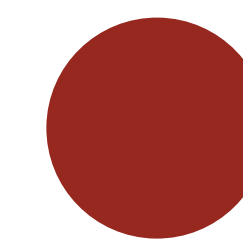
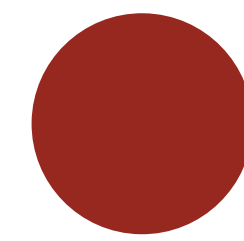
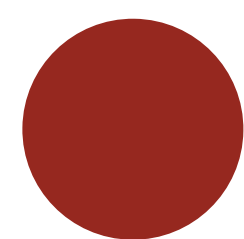
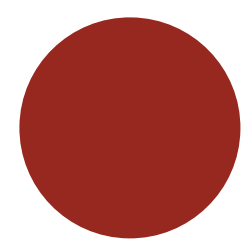
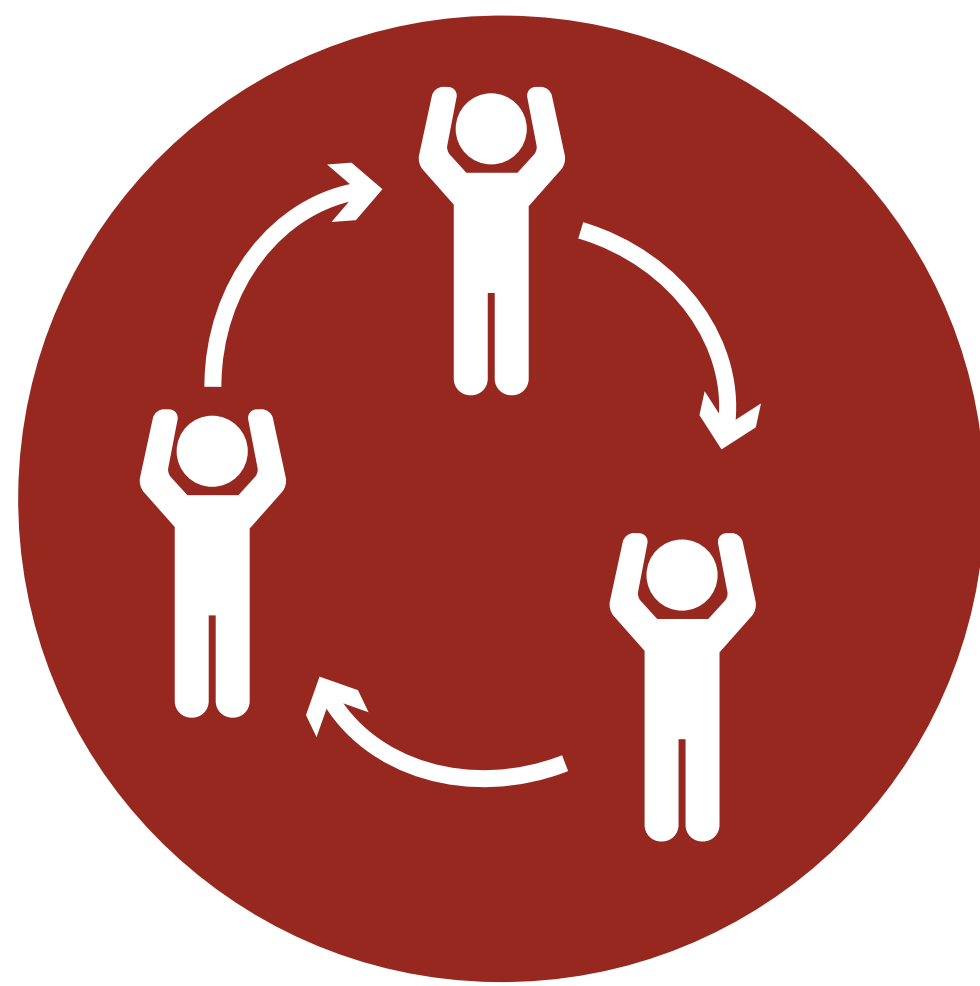
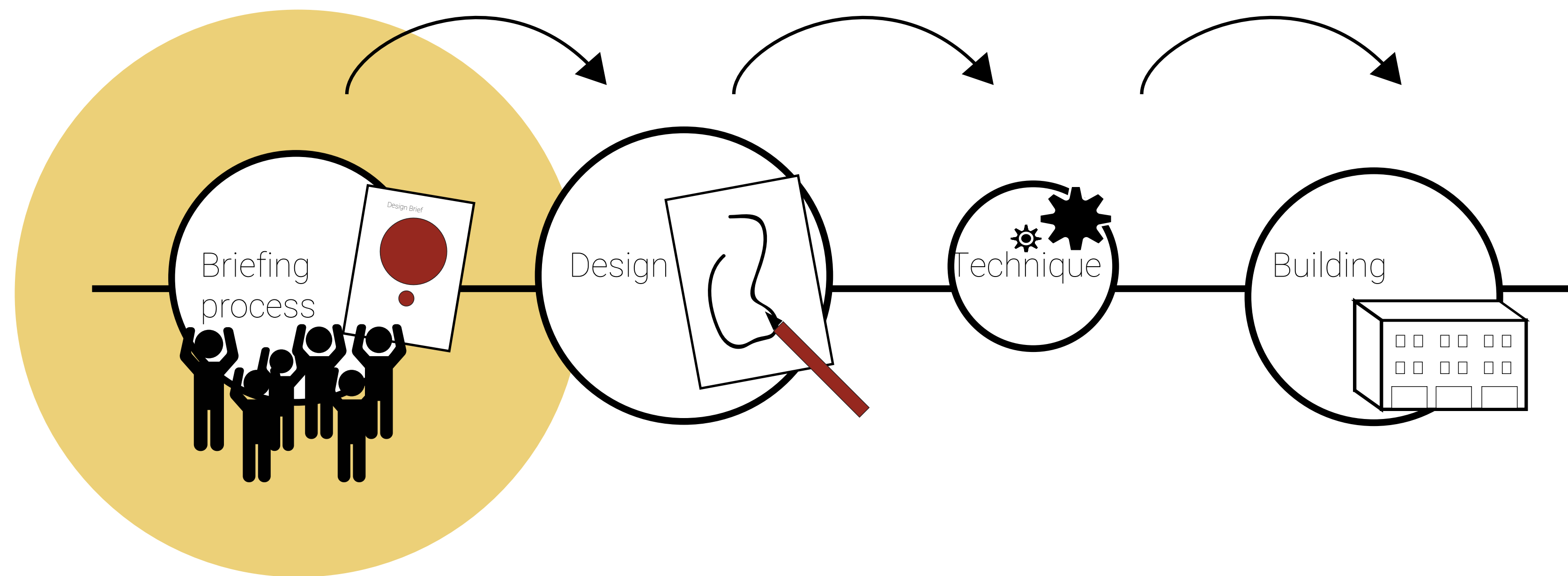
How is this building designed?



Design process



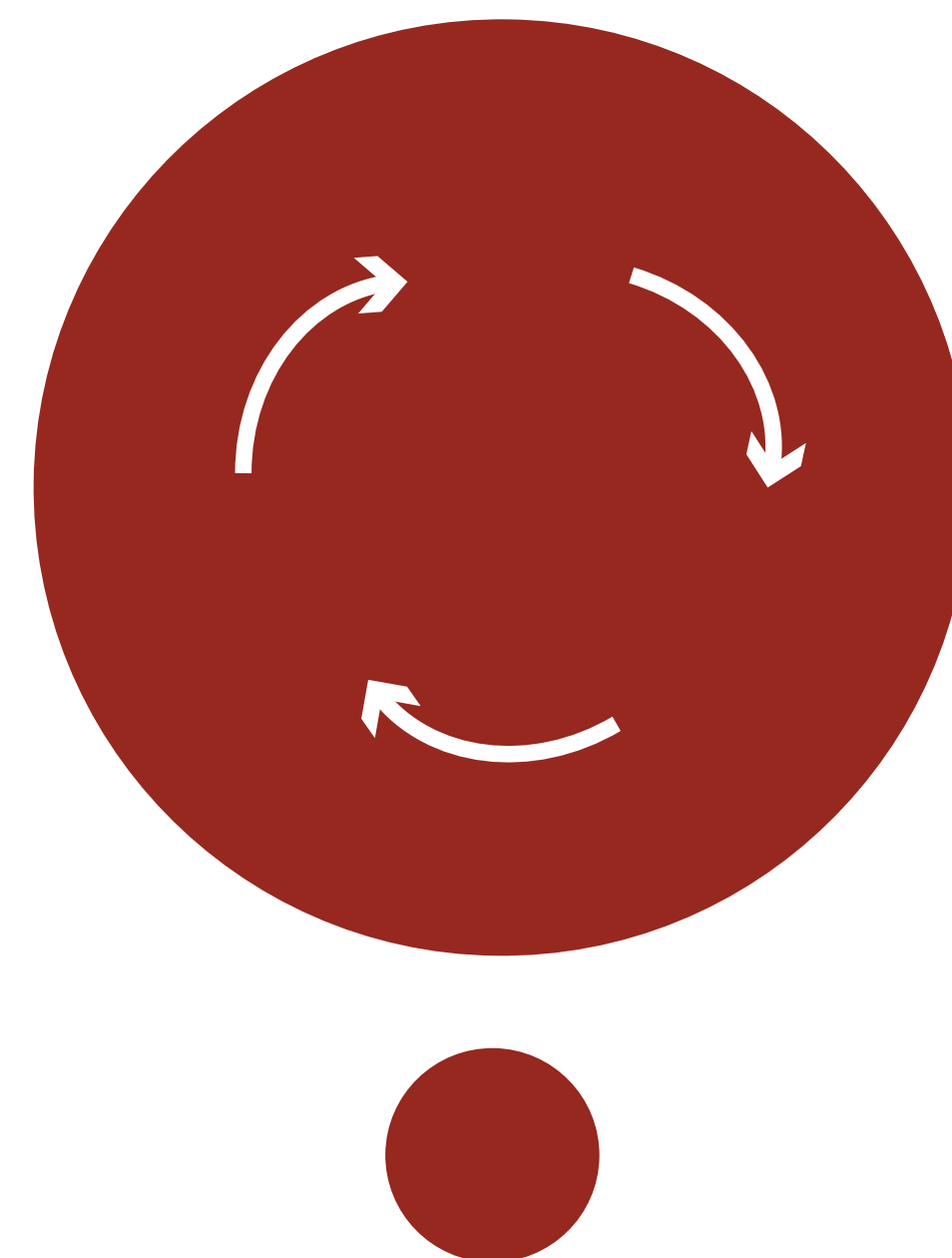
Design process



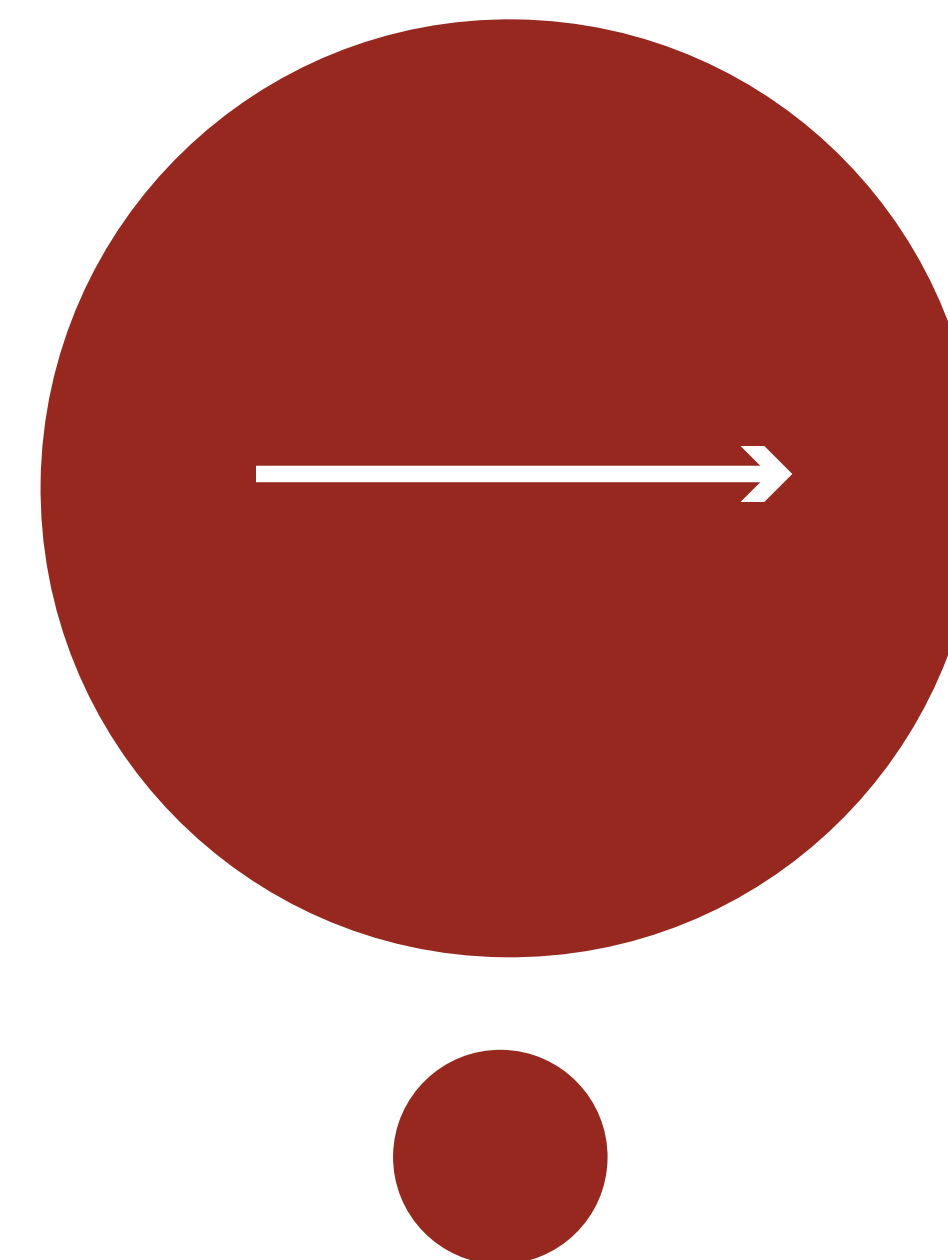
Design brief

The problem is describes which the design will answer.
Defining quality, costs and time frame. (quantitative and qualitative)

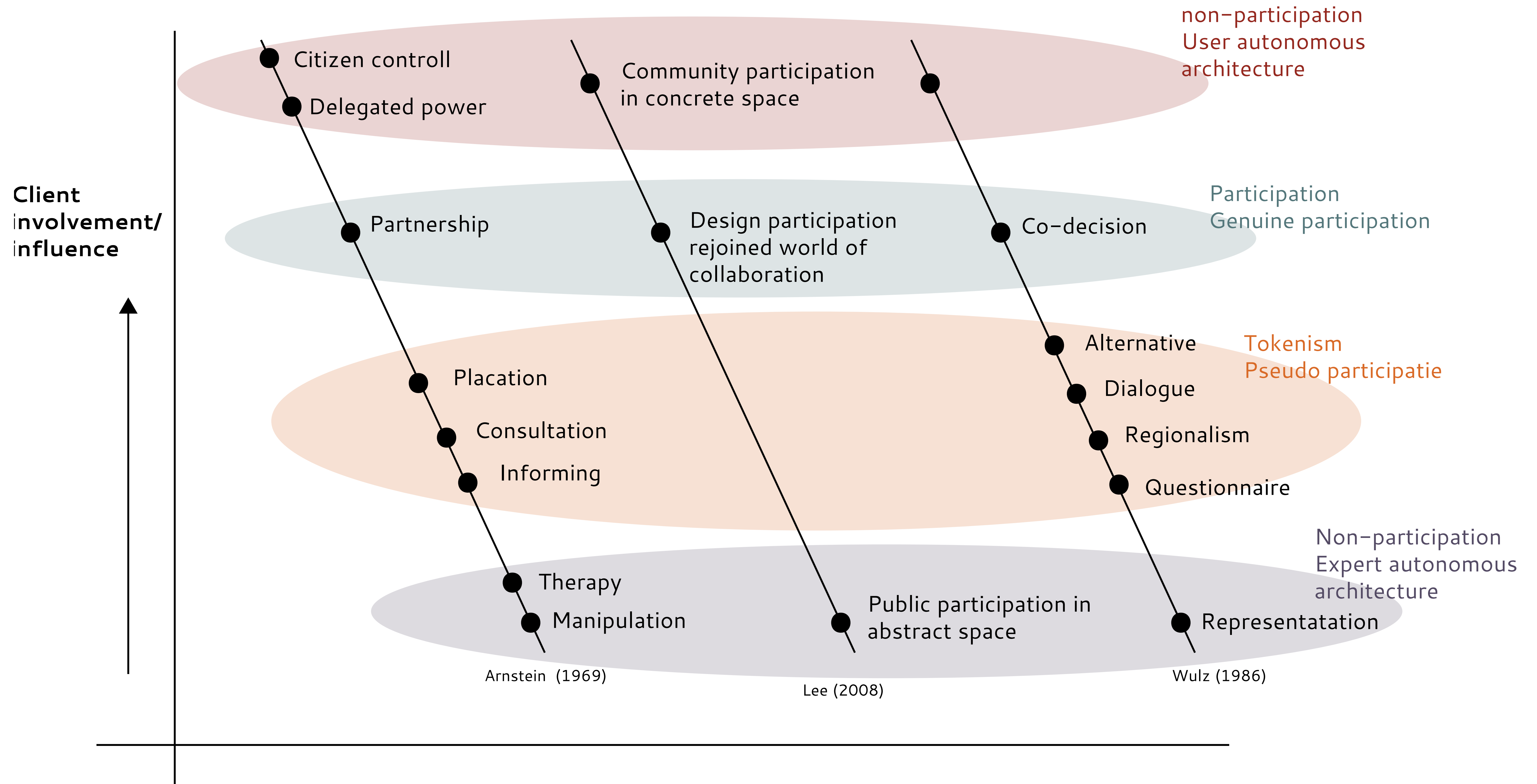
Ongoing flexible
process



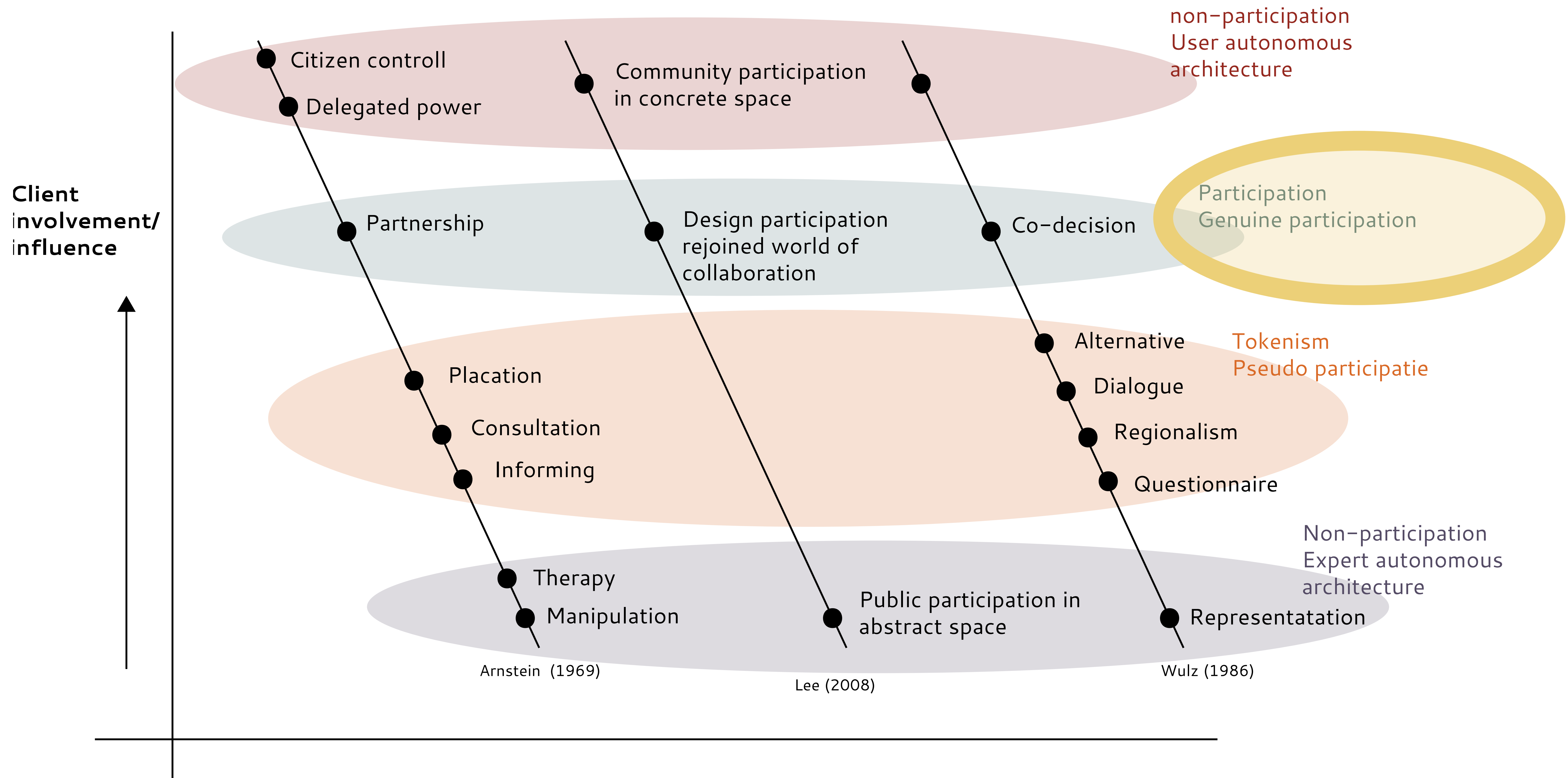
Perfect start of the
design



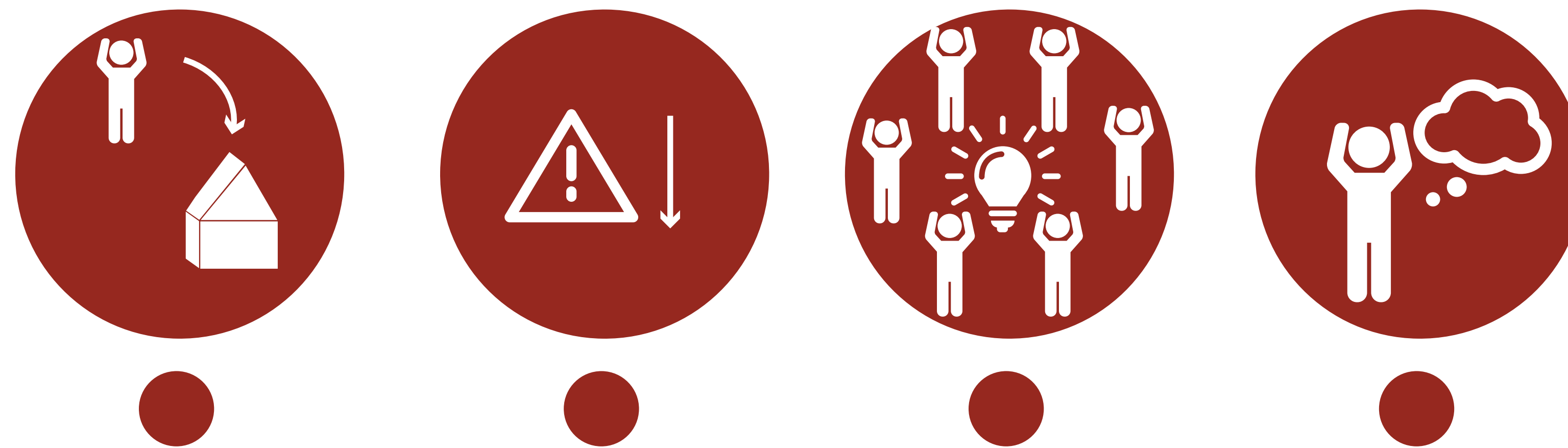
Participation



Participation



Participation



“The strength of the wolf is in the pack, and the strength of the pack is in the wolf”

Participation



Participation



Explicit knowledge

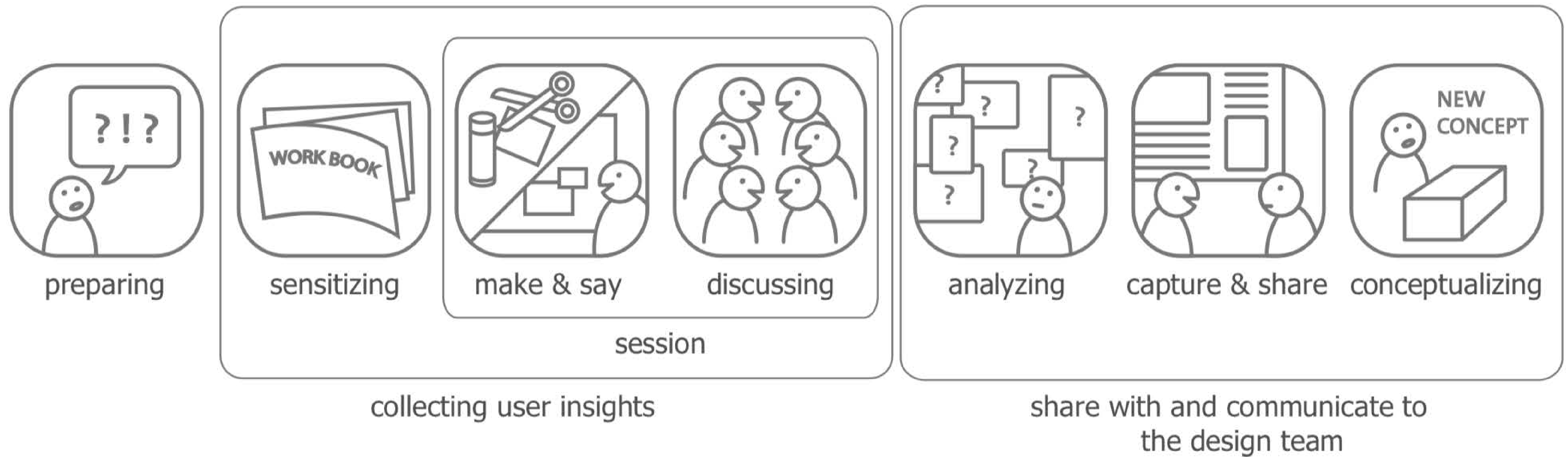
Information, documents, and files

Tacit knowledge

Experiences, commitments and thoughts

But how do we involve the people to participate and how do we get to their tacit knowledge?

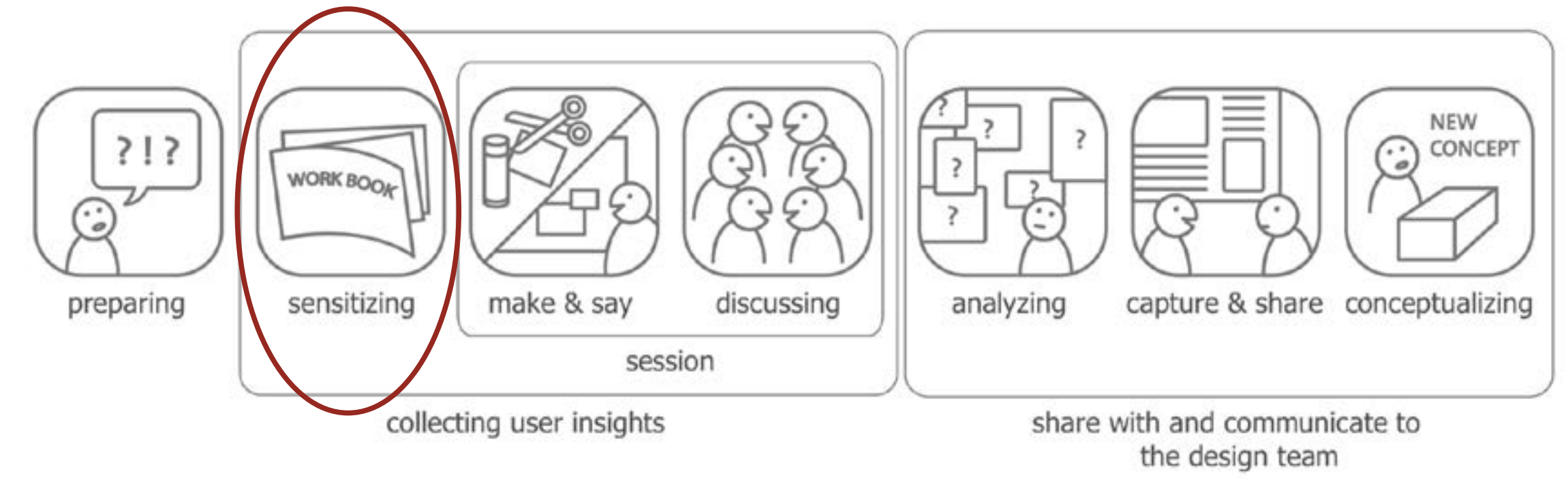
Context mapping













New method to form this design brief within a cohousing group

How can we develop a **method** that helps the **future residents** and other involved parties of a **cohousing group** forming a **design brief**.

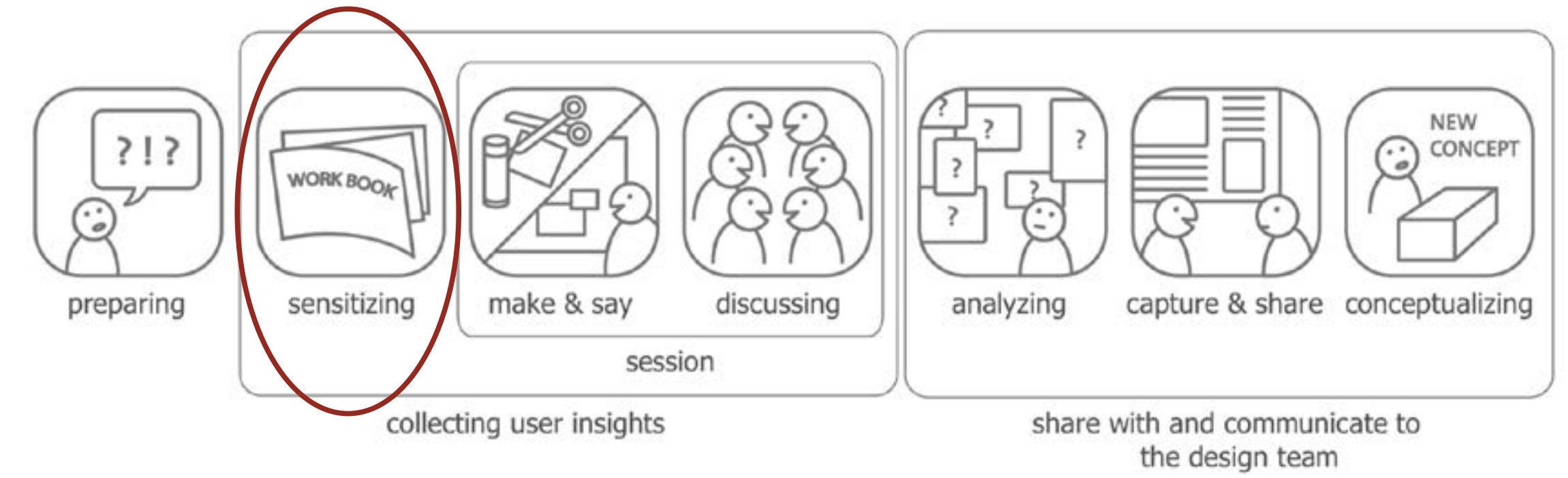
My cohousing ideas



MAANDAG: Dit is mijn huishouden

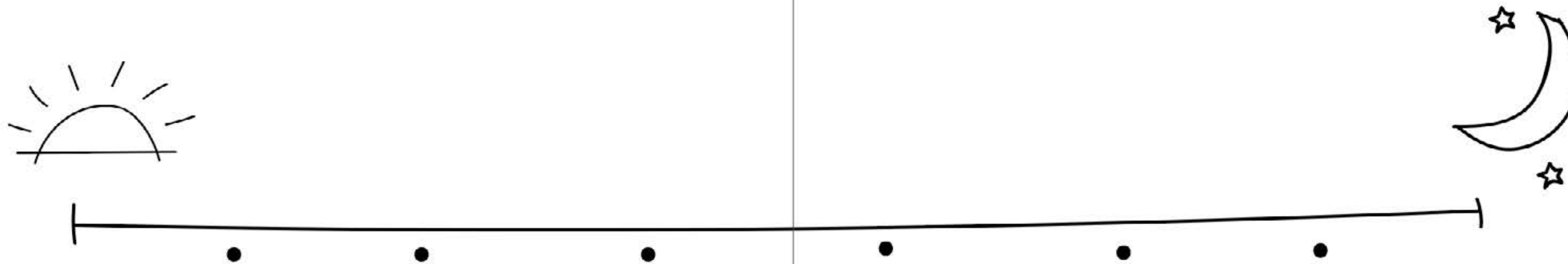
Markeer: man/vrouw	 	 	 	 	 
Naam & leeftijd					
Hobbies					
In 1 zin zou ik mezelf omschrijven als ...					

My cohousing ideas

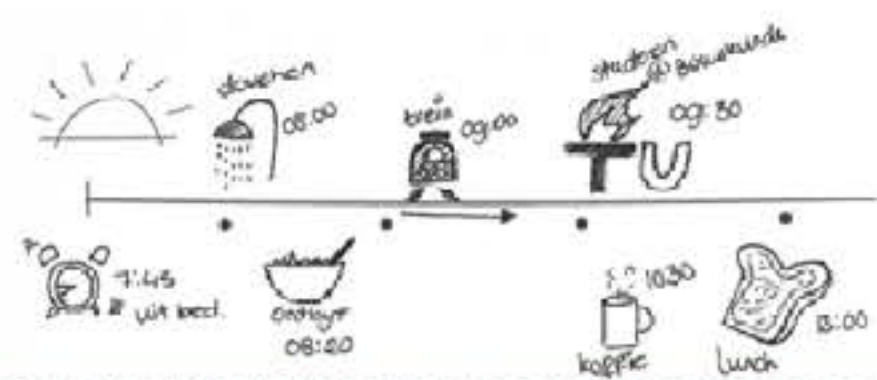


WOENSDAG: Zo liep mijn dag

Vul in de tijdlijn het verloop van je dag in, vergeet vervoersmiddelen en plekken hier niet bij te noemen.
- Gebruik de stickers om de momenten aan te geven die je een fijn en die je een niet fijn gevoel gaven.

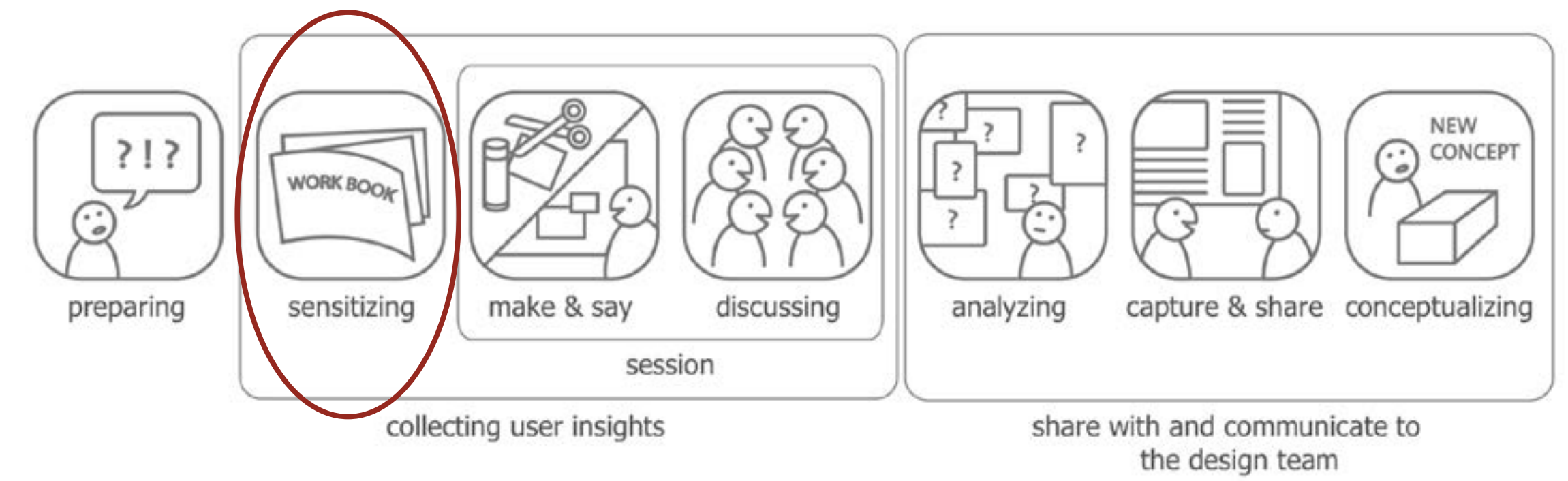


Zie hieronder een voorbeeld:



Was dit een gemiddelde doordeweekse dag? Ja / Nee

My cohousing ideas



DONDERDAG: Wat is privé?

- Markeer maximaal 6 afbeeldingen met een kruisje als deze functies zich zeker in je privé appartement moeten bevinden, en je deze dus niet met andere wilt delen.
- Markeer maximaal 6 afbeeldingen met een cirkeltje als je deze functie wel met andere mensen zou kunnen delen, maar wel in minimale zin ook in je privé appartement wil hebben. (bv. kitchenette)

Kleding opbergen
 Boeken opbergen
 Hobby: artistiek

Schoonmaakspullen
 Hobby: klussen
 Sport

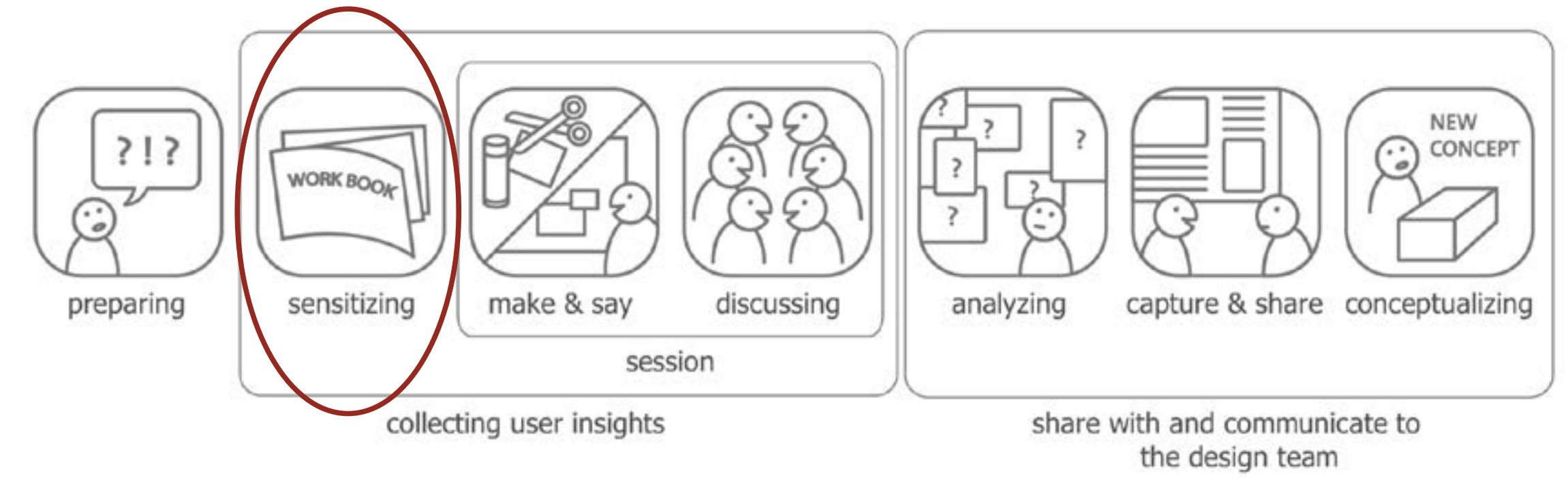
Studeren/werken
 Koken
 Eten opbergen

Boek lezen
 TV kijken
 Eten

Socializen
 Slapen
 Douchen

Toiletteren
 Wassen
 Was doen

My cohousing ideas



Markeer:
man/vrouw

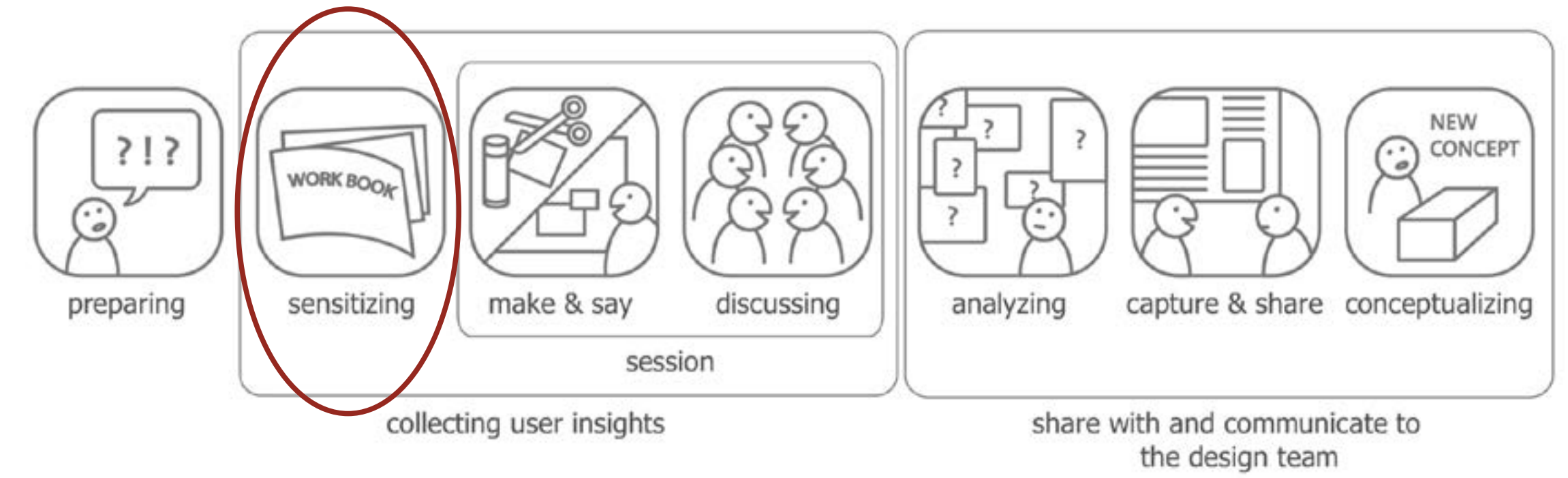
Naam &
leeftijd

Hobbies

In 1 zin zou
ik mezelf
omschrijven
als ...

	60 jr	58 jr			
	(krante) lezen fietsen tuinieren klussen	- winkelen - koken - netflixen - lezen			
	actieve werkende man met behoefte aan regelmaat en structuur (dit doe ik voor het onderzoek)	werkende vrouw met werkende echtgenoot en volwassen kind eren en club social leven maar ook behoefte aan ontspanning & rust			

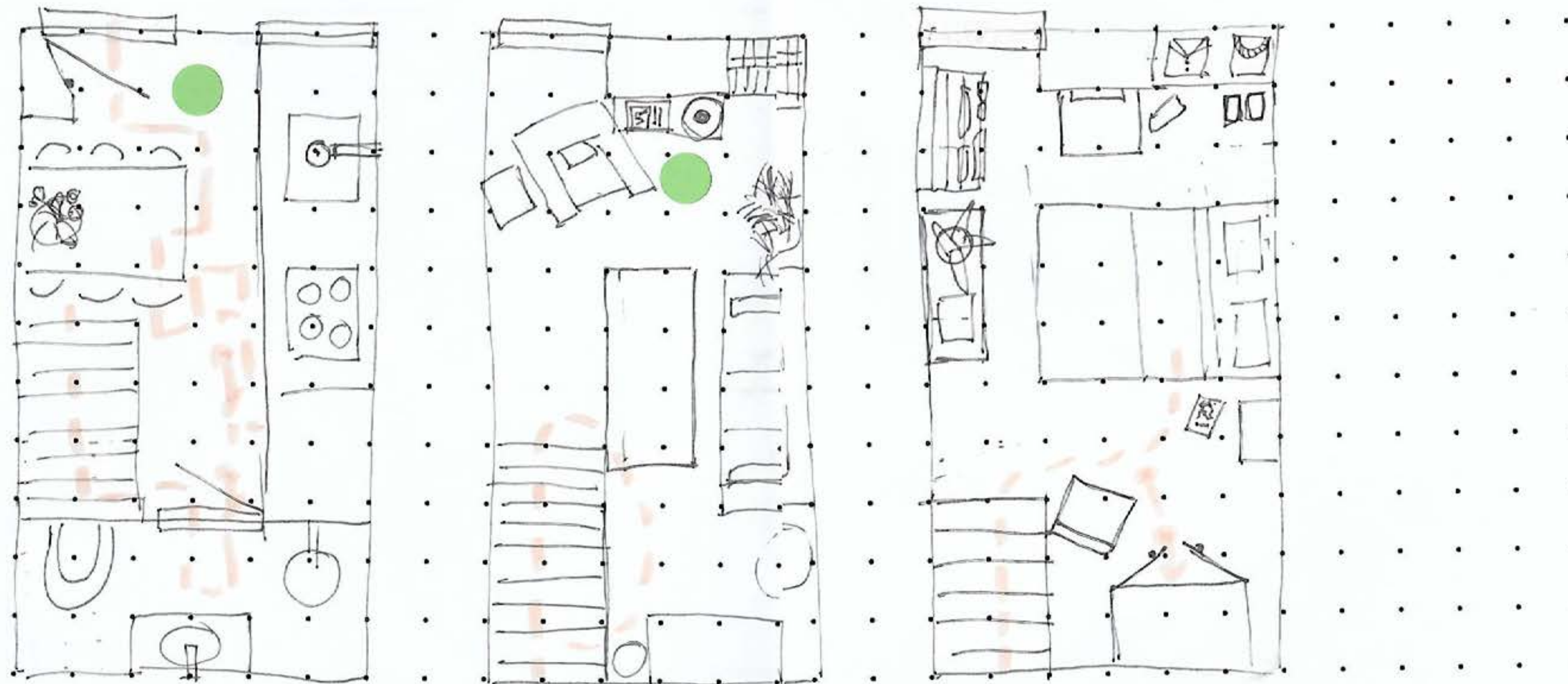
My cohousing ideas



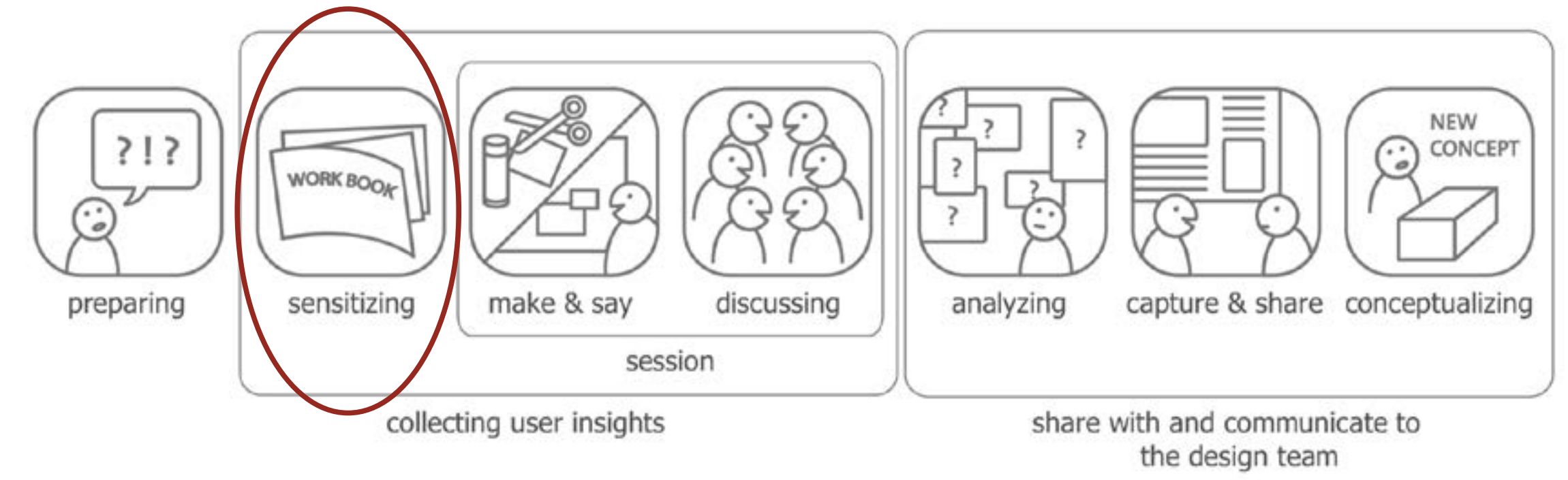
DINSDAG: Zo ziet mijn huis eruit

Probeer op deze bladzijden een plattegrond (of meerdere bij meerdere verdiepingen) te tekenen van je huis (hoeft niet op schaal).

- Gebruik de stickers om vervolgens de ruimtes aan te geven die je een fijn en die je een niet fijn gevoel geven.
- Teken je route door het huis vanaf 's ochtends wakker worden tot en met de deur uitgaan naar werk oid (of thuis aan het werk gaan).



My cohousing ideas



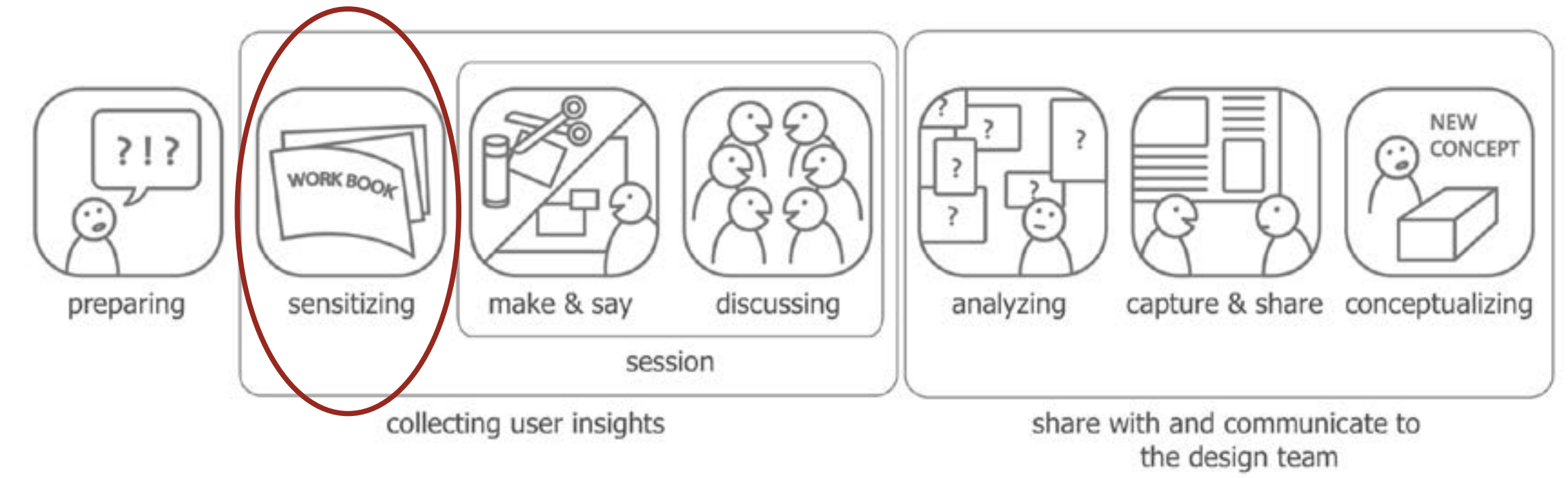
ZATERDAG: Zo liep mijn dag

Vul in de tijdlijn het verloop van je dag in, vergeet vervoersmiddelen en plekken hier niet bij te noemen.
- Gebruik de stickers om de momenten aan te geven die je een fijn en die je een niet fijn gevoel gaven.

Zie hieronder een voorbeeld:

Was dit een gemiddelde weekend dag? Ja / Nee

My cohousing ideas



Levenswijze is belangrijk. in een eigen huusje en in een of > huusjes geschiedt de gemeenschappelijke waarden.

VRIJDAG: Zo zie ik mijn ideale huis

Probeer op deze bladzijdes duidelijk te maken wat jij belangrijk vindt aan de ideale straat dit kan geschreven, getekend, een collage, etc.

Straat

naar parkeerplaatsen

fruit

huis

FRUIT GROEIT EN BLOEIT EN RUIDEN

naar parkeerplaatsen

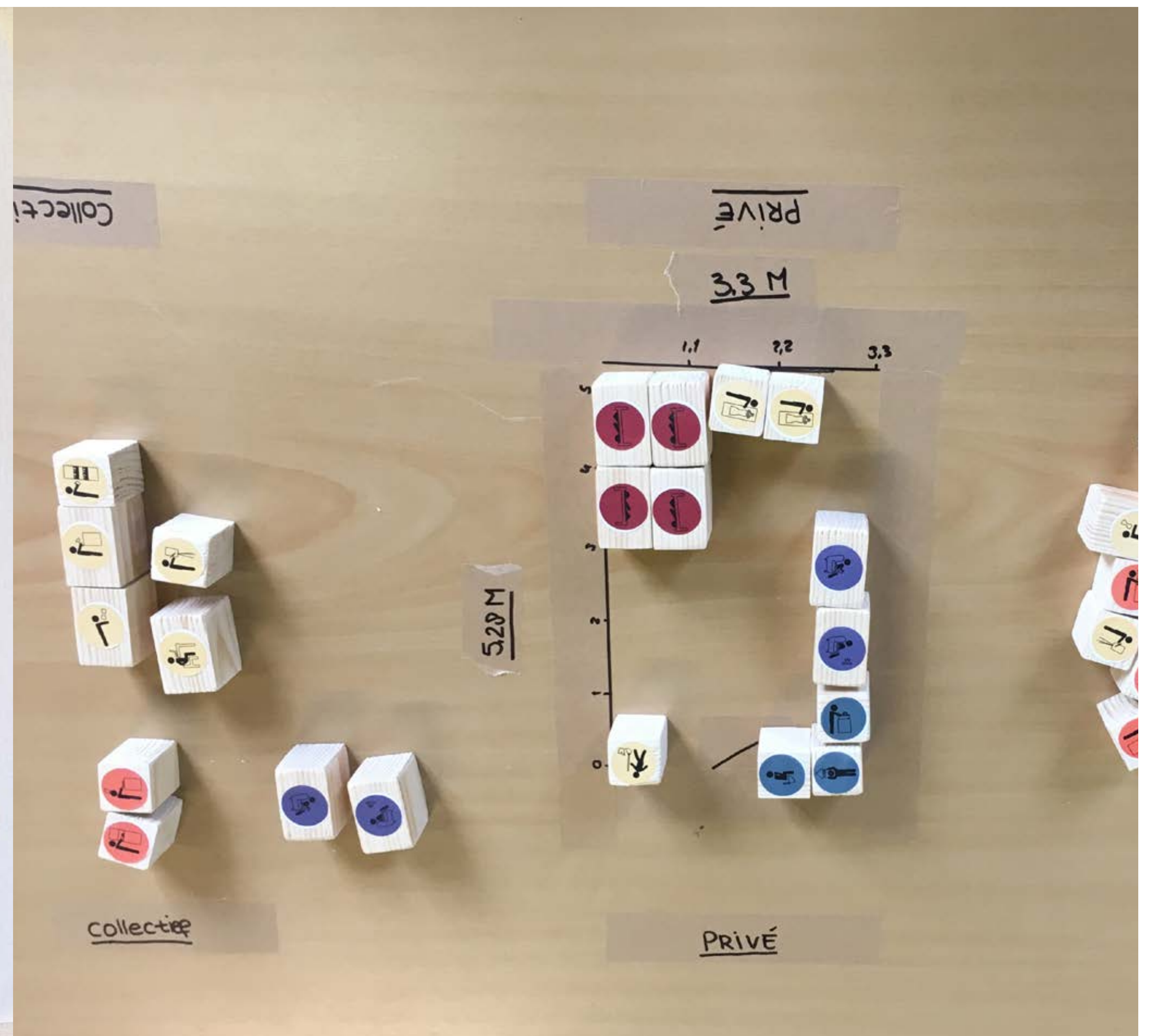
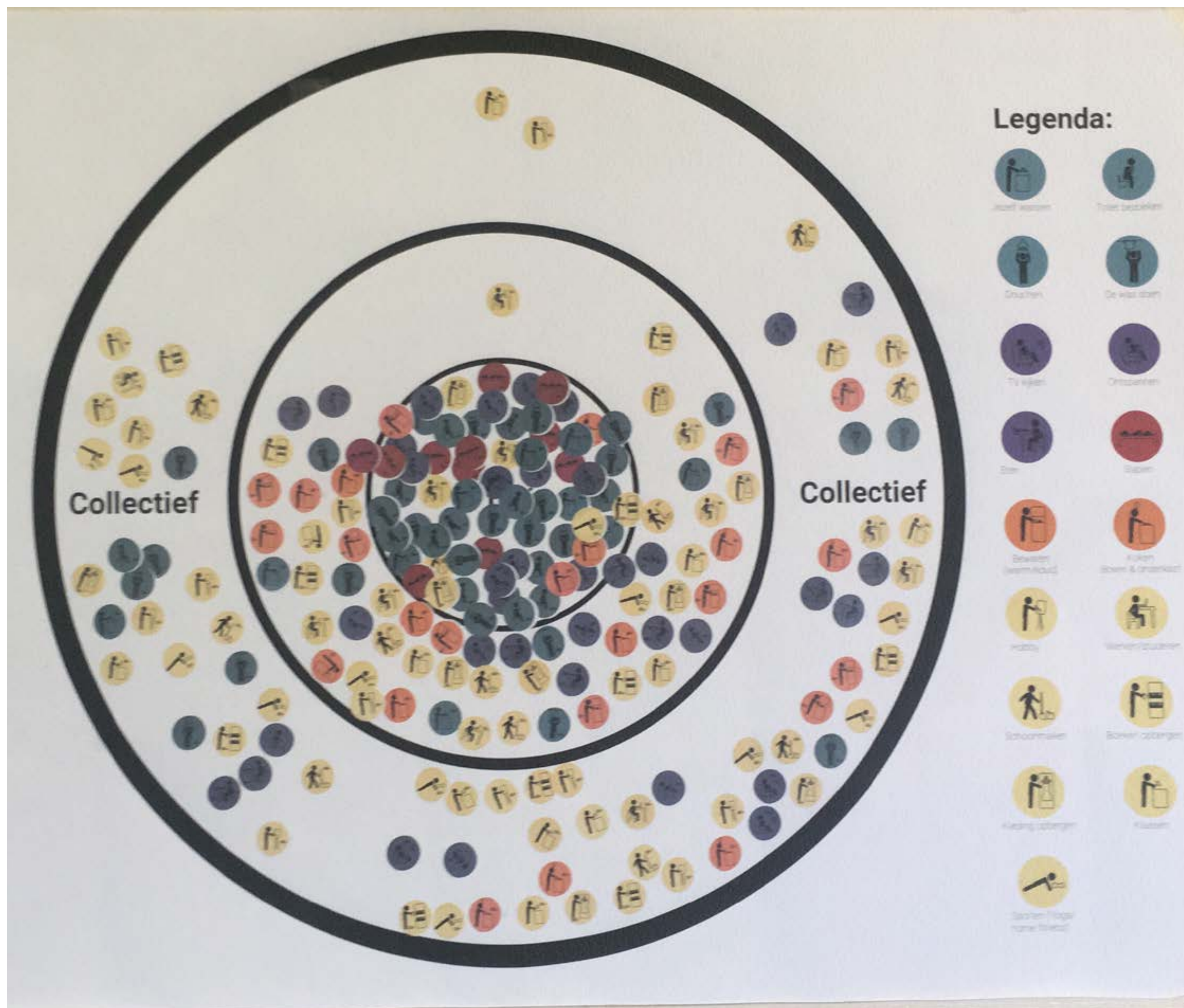
huis

huis

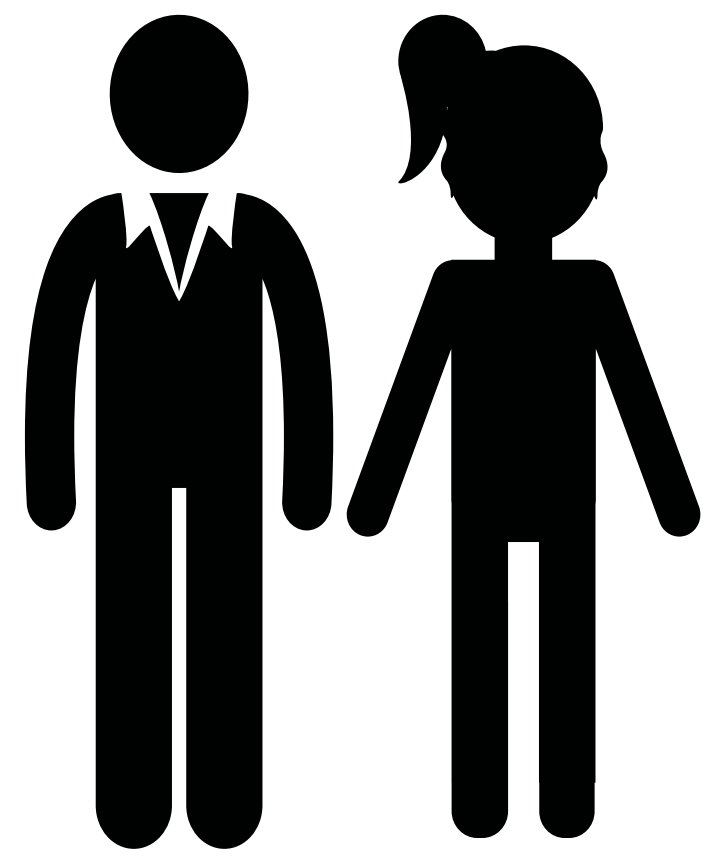
huis

- "eigen" tuinen lopen organisch in elkaar over → kinderen de ruimte hebben om te spelen
- ruimte voor "teapaviljoen"
- zoveel mogelijk 'zelfvoorzienend'
- duurzaam
- ecologische voetafdruk: klein.

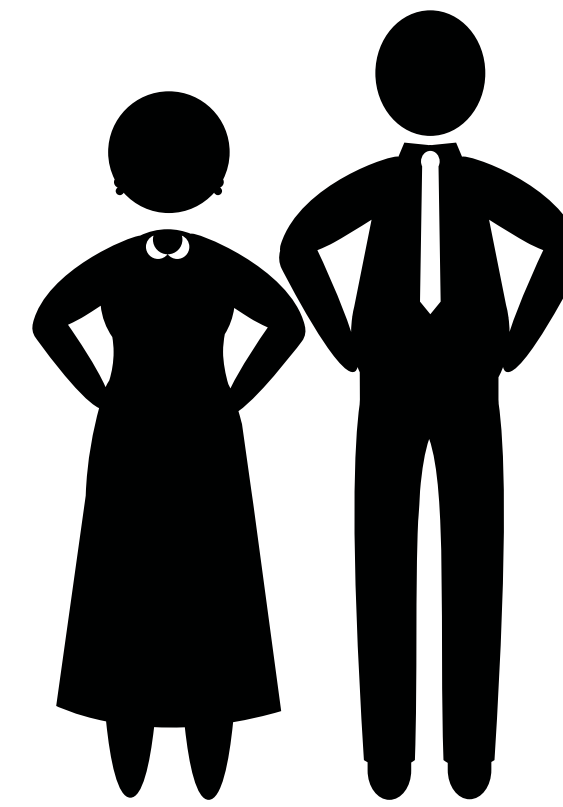
Workshops



Results



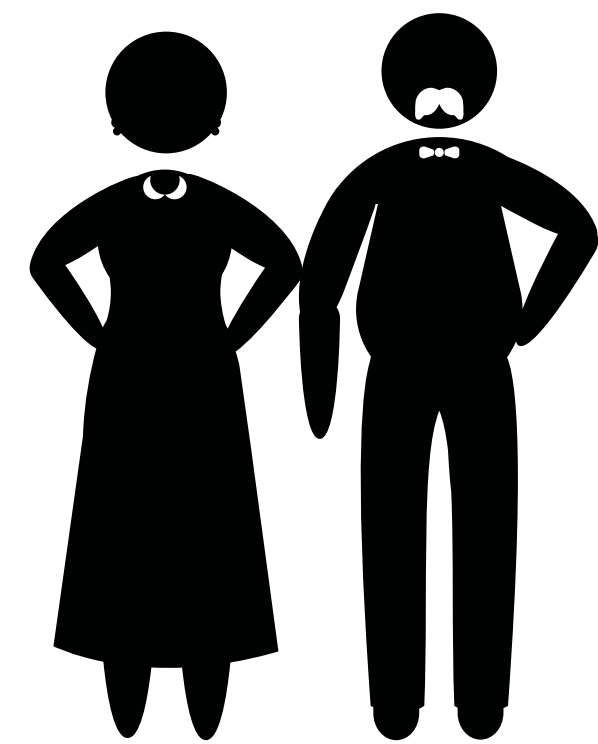
31 29



60 61



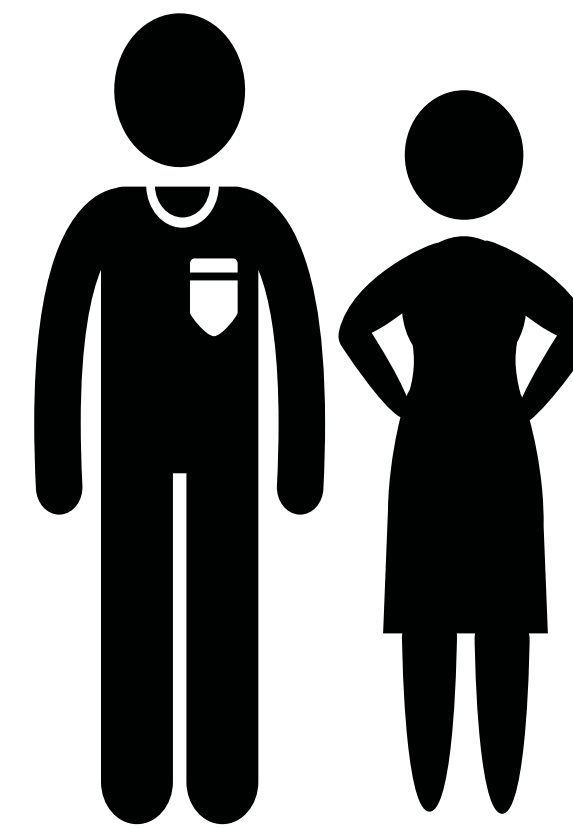
46 38 6 3



60 70



63



60 58



49 45 15 12

Results



Playroom

Teenage chill room

Small cozy corners

Washing machine + Dryer

Lots of gardening tools

Lots of light in the apartments

Moving balconies (always sun)

Outside seating

Big dining space

Lots of green

Yoga/Sportsroom

Big shed with tools

Gameroom

Atelier/art space

Possibility to extend the house

Outdoor swimmingpool

Big garden and balconies

Sauna

Library

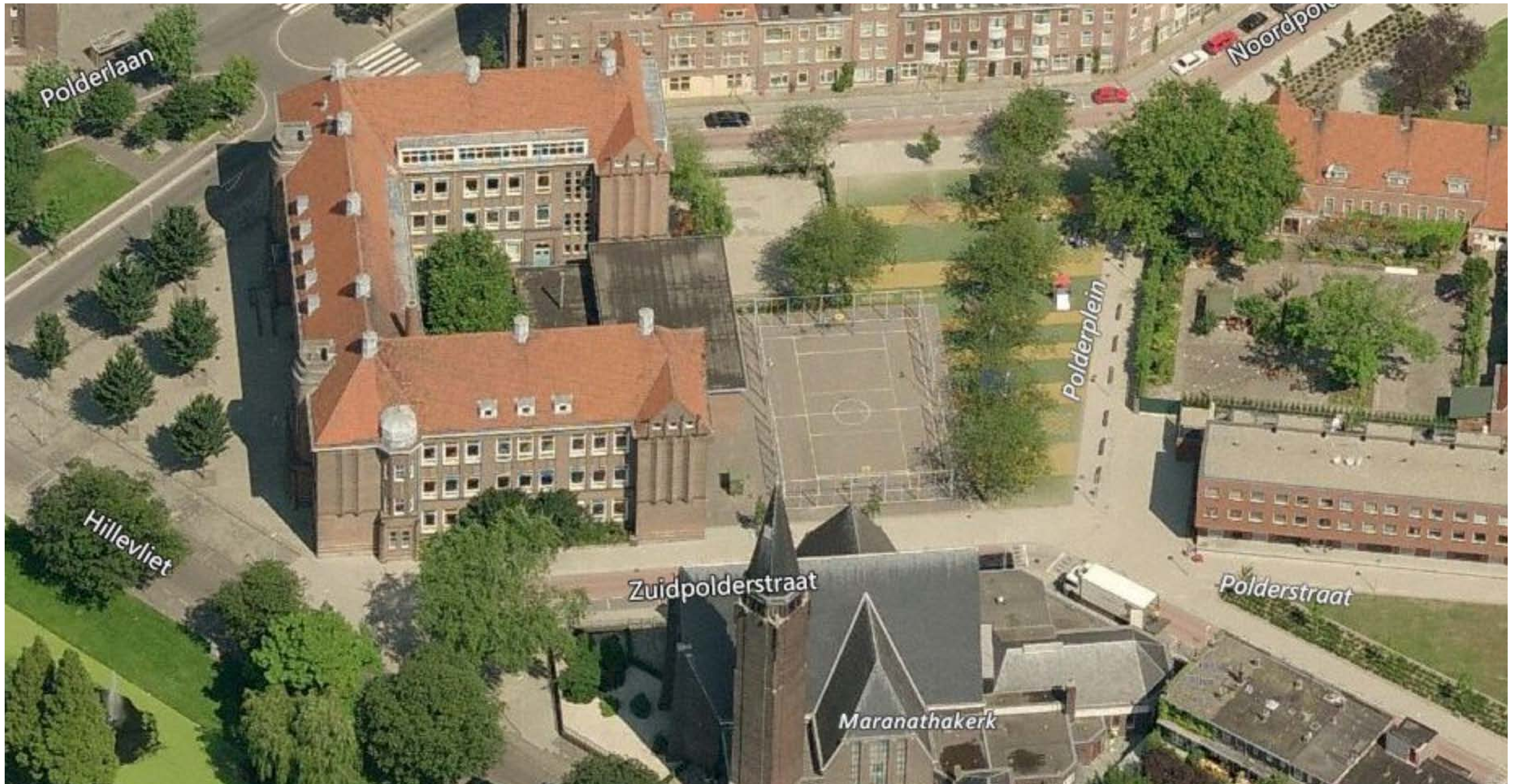
Guestroom

Office area

Nice comfy sitting area's to read a book

Lots of storage space

Hillevliet 98, Rotterdam



Results



Playroom

Teenage chill room

Small cozy corners

Washing machine + Dryer

Lots of gardening tools

Lots of light in the apartments

Moving balconies (always sun)

Outside seating

Big dining space

Lots of green

Yoga/Sportsroom

Big shed with tools

Gameroom

Atelier/art space

Possibility to extend the house

Outdoor swimmingpool

Big garden and balconies

Sauna

Library

Guestroom

Office area

Nice comfy sitting area's to read a book

Lots of storage space

Hillevliet 98, Rotterdam



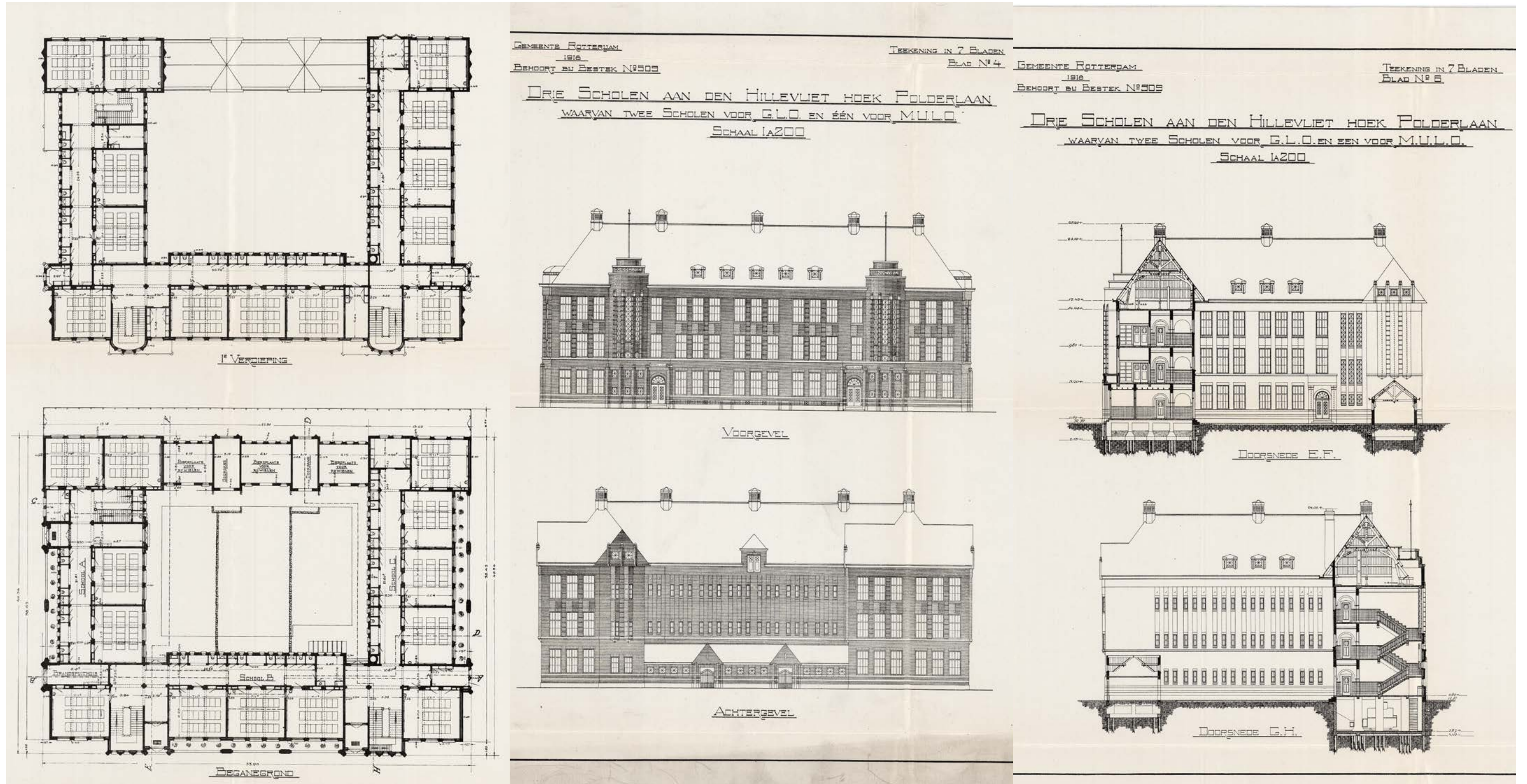
Hillevliet 98, Rotterdam



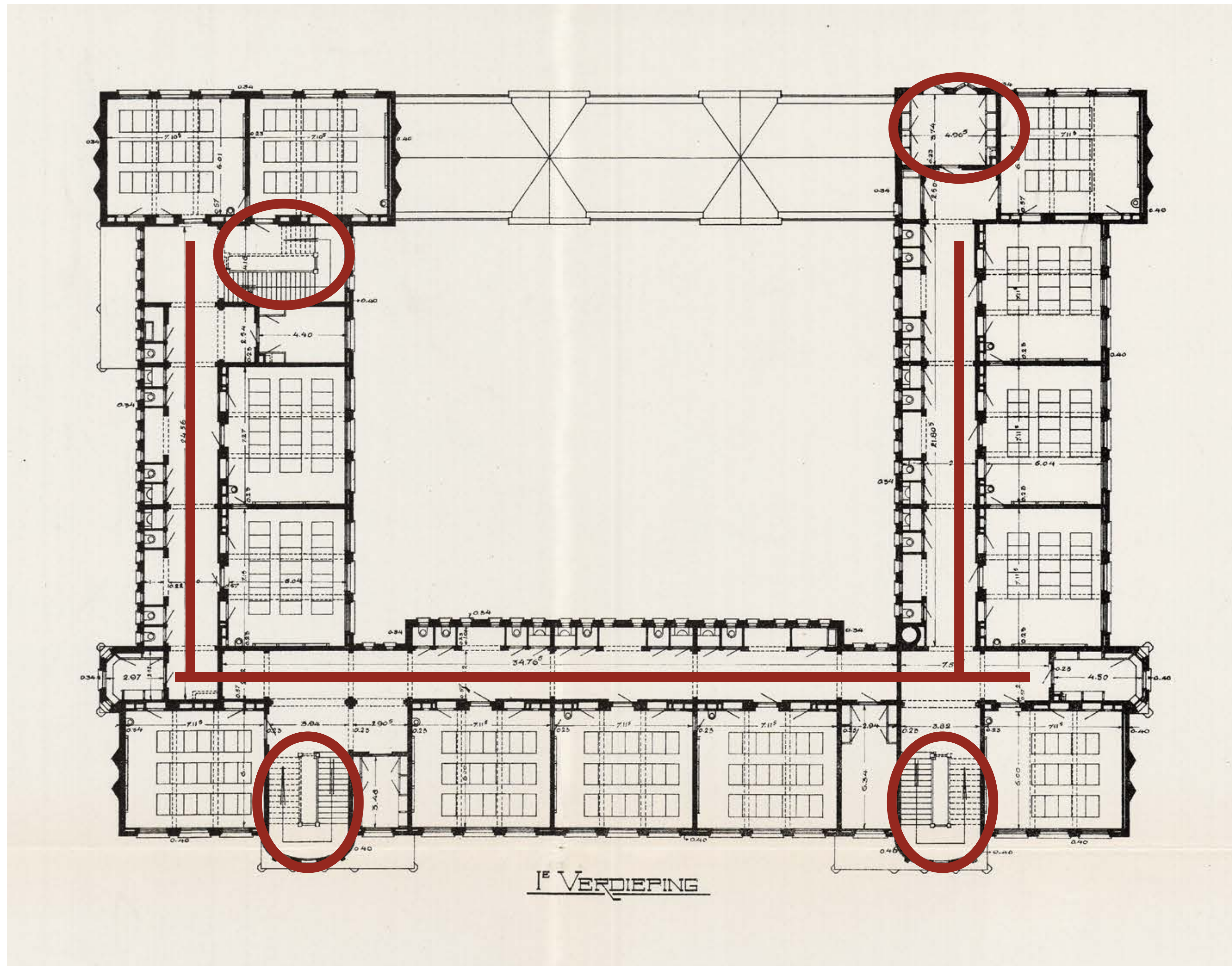
Transformation of an old school building



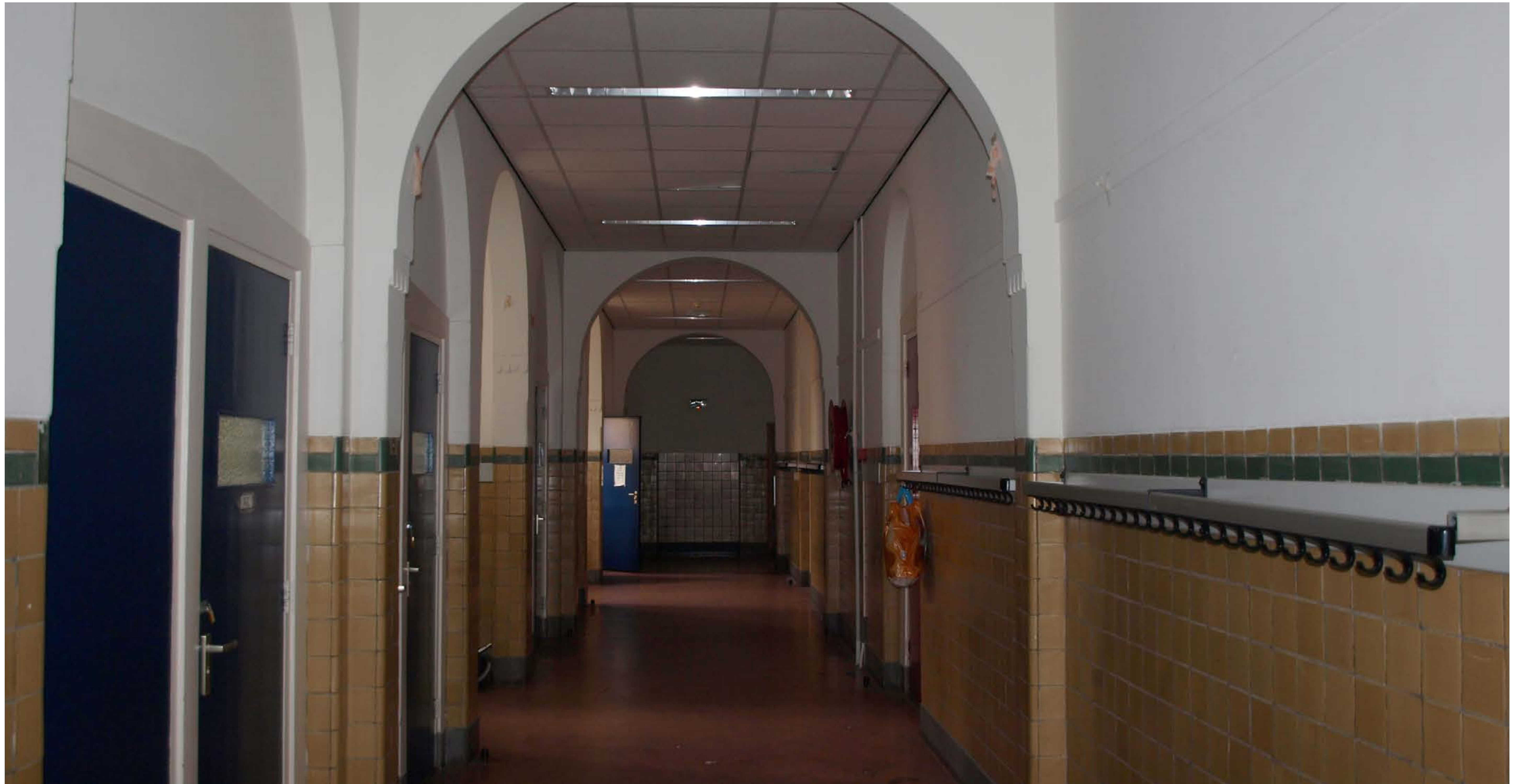
Transformation of an old school building



Transformation of an old school building



Transformation of an old school building



Transformation of an old school building



Transformation of an old school building

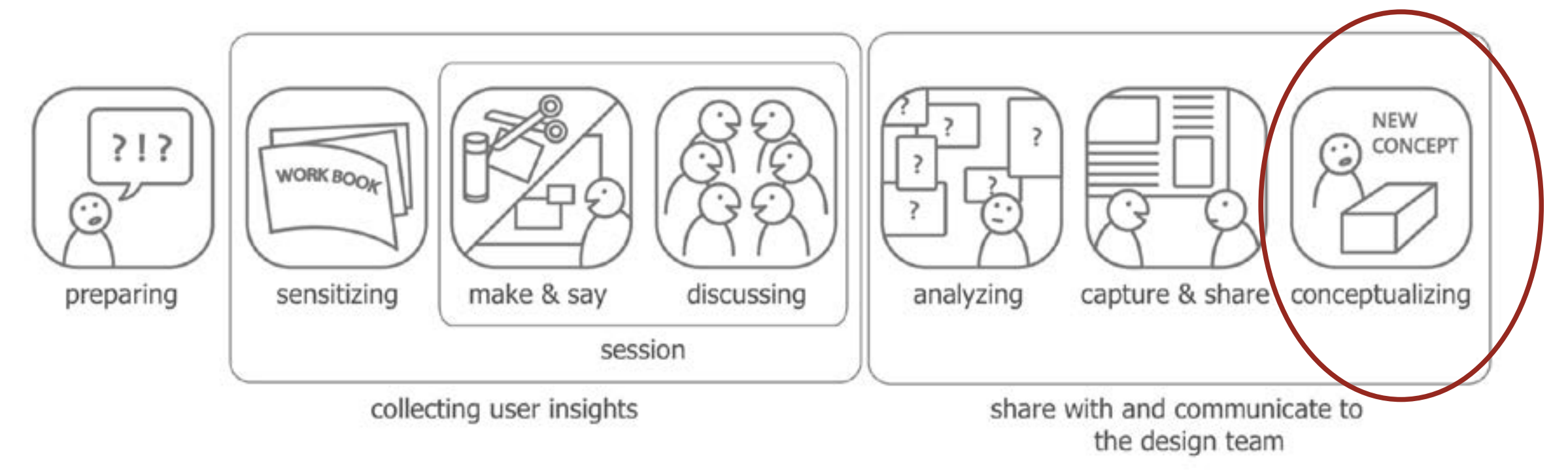


Transformation of an old school building

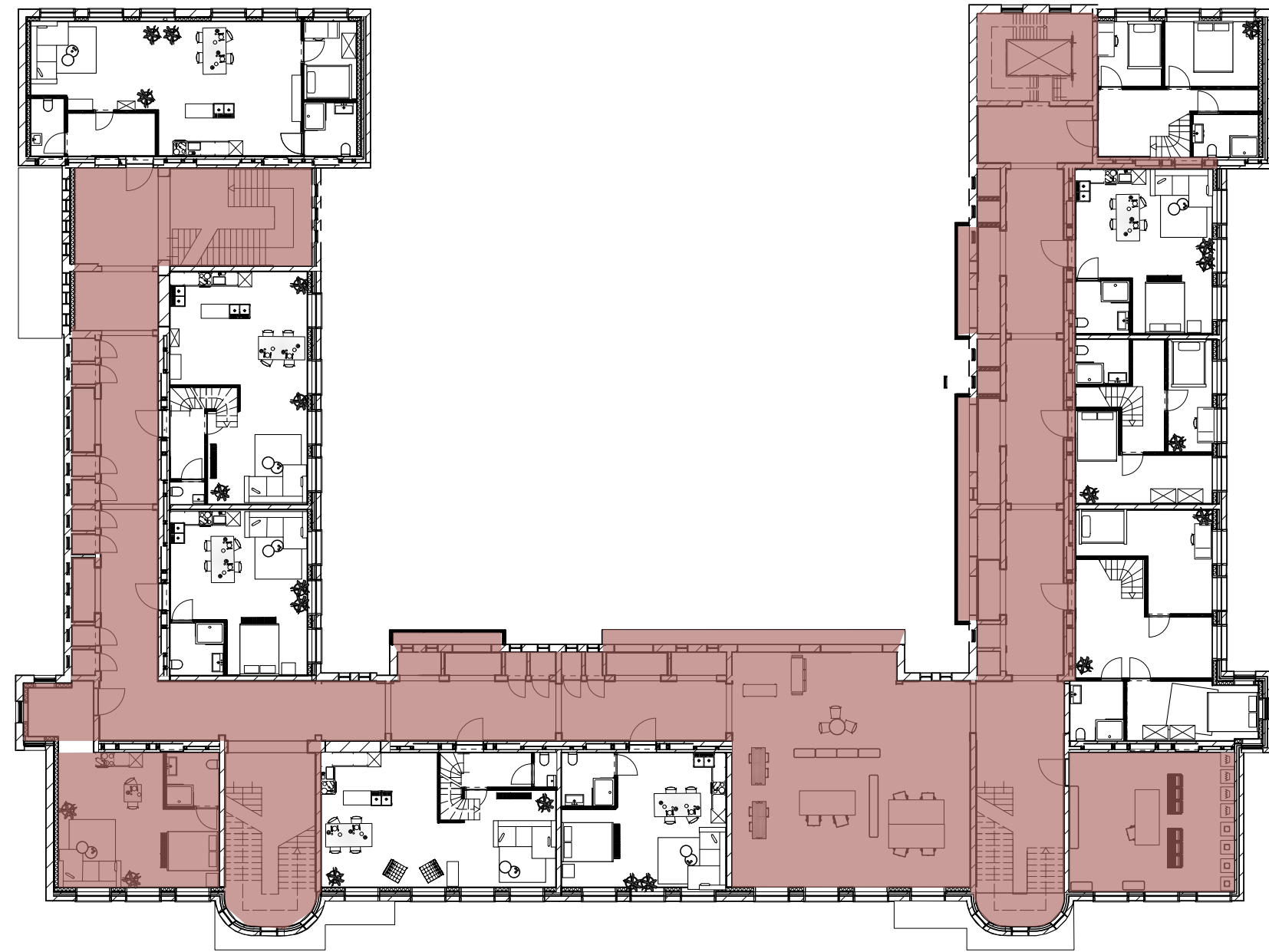


Transformation of an old school building

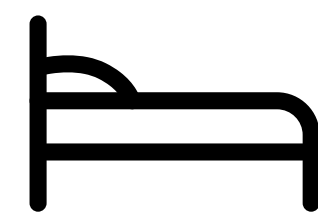
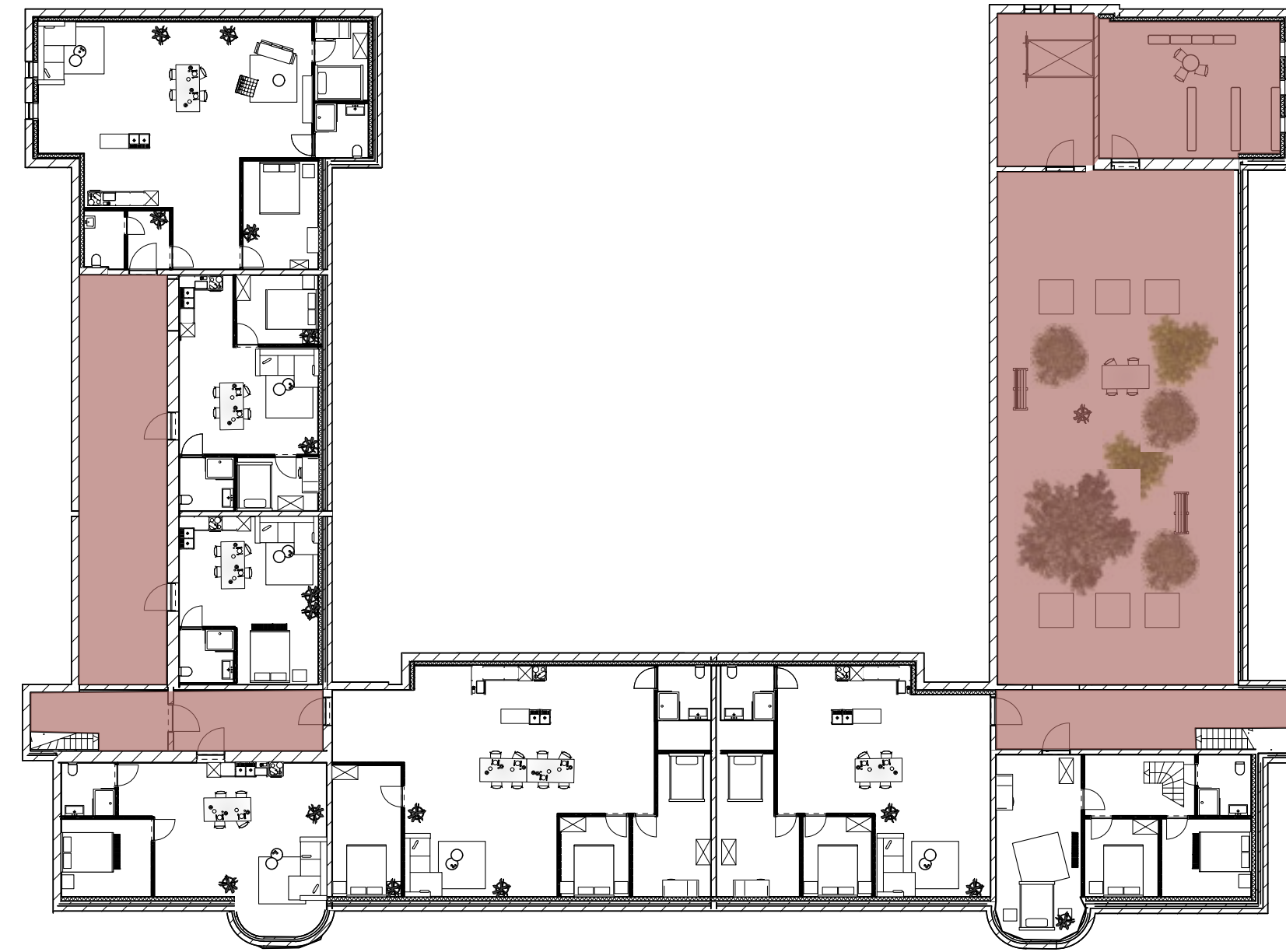




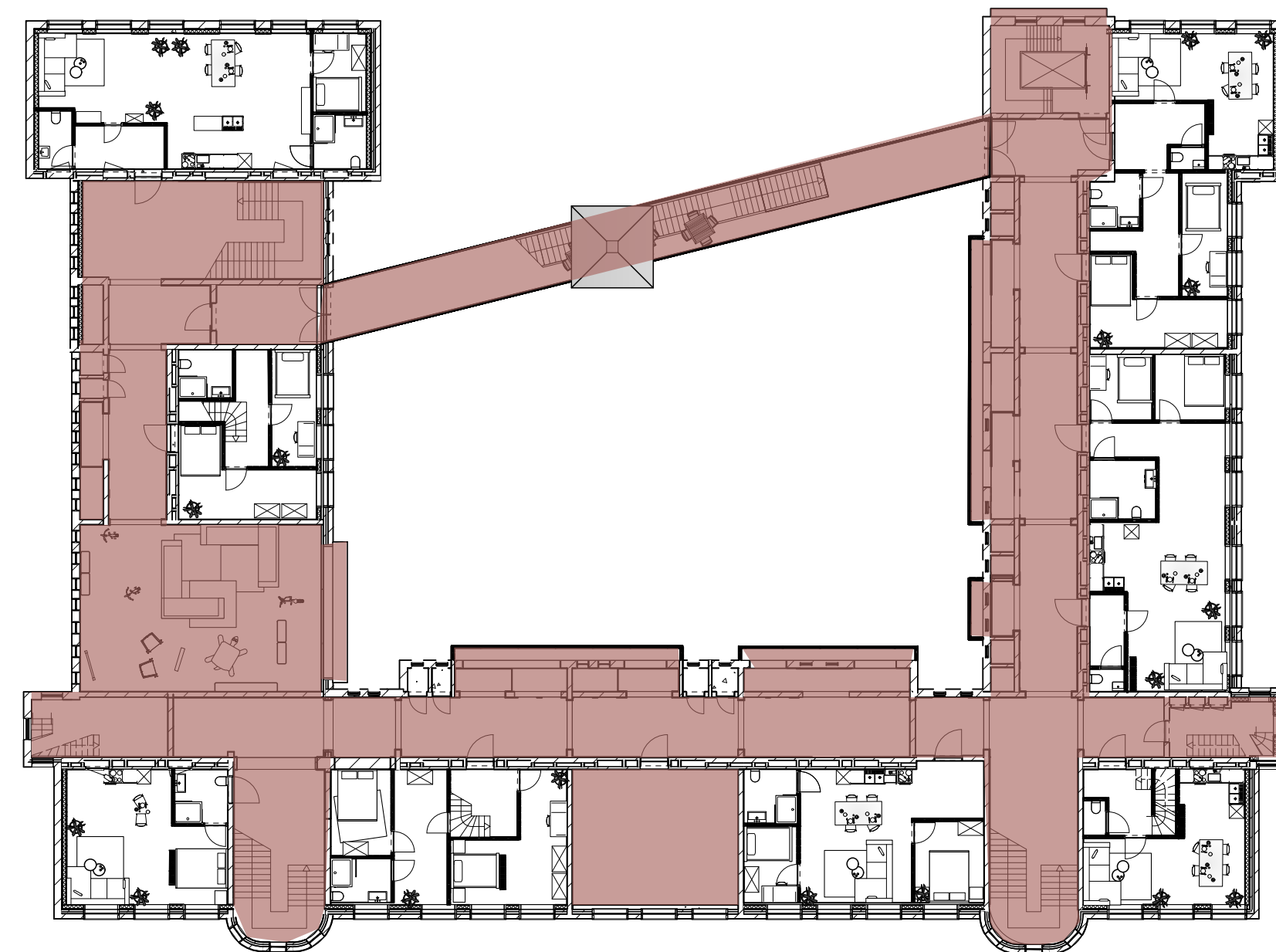
Hillevliet Cohousing



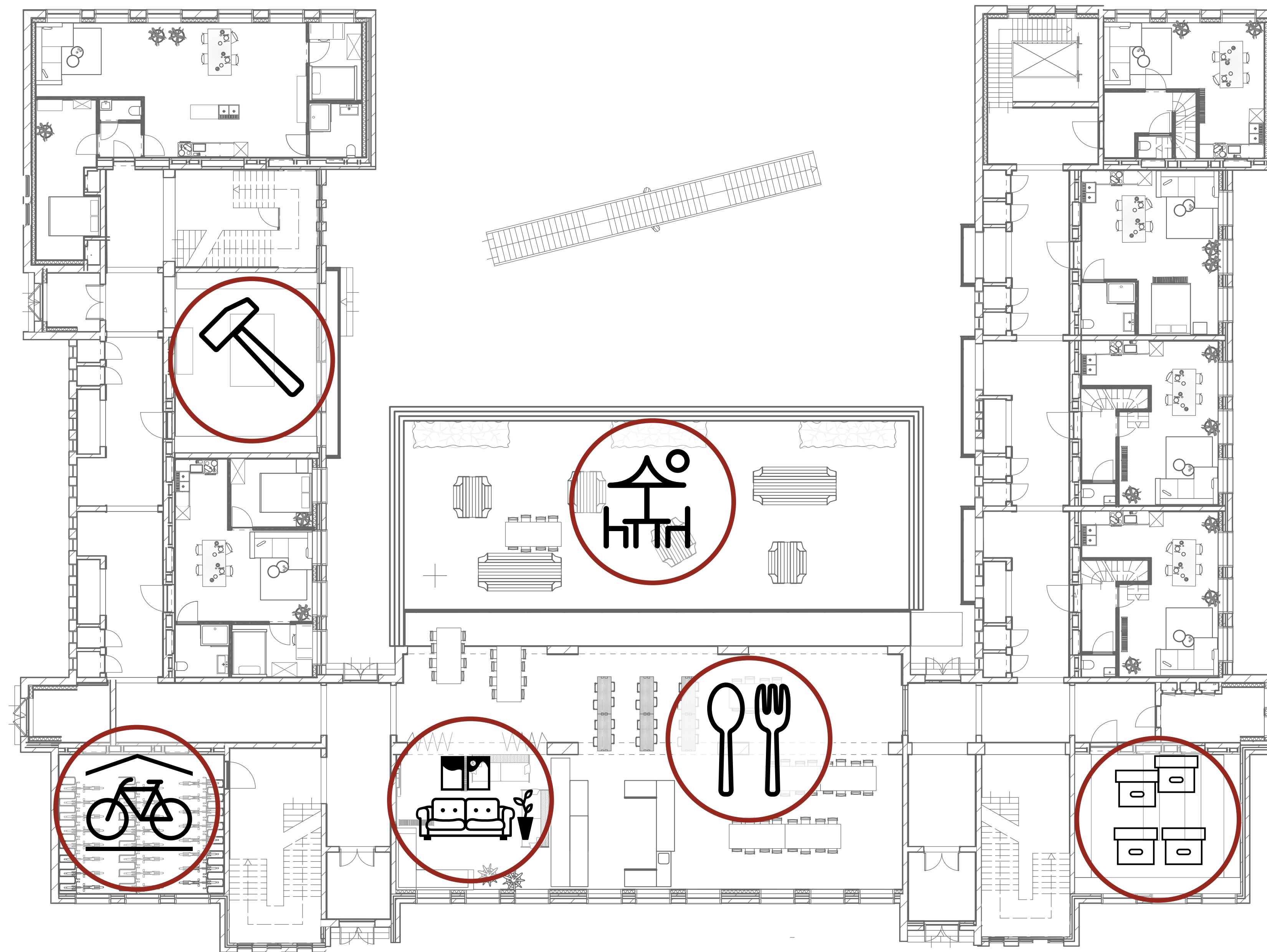
23 households



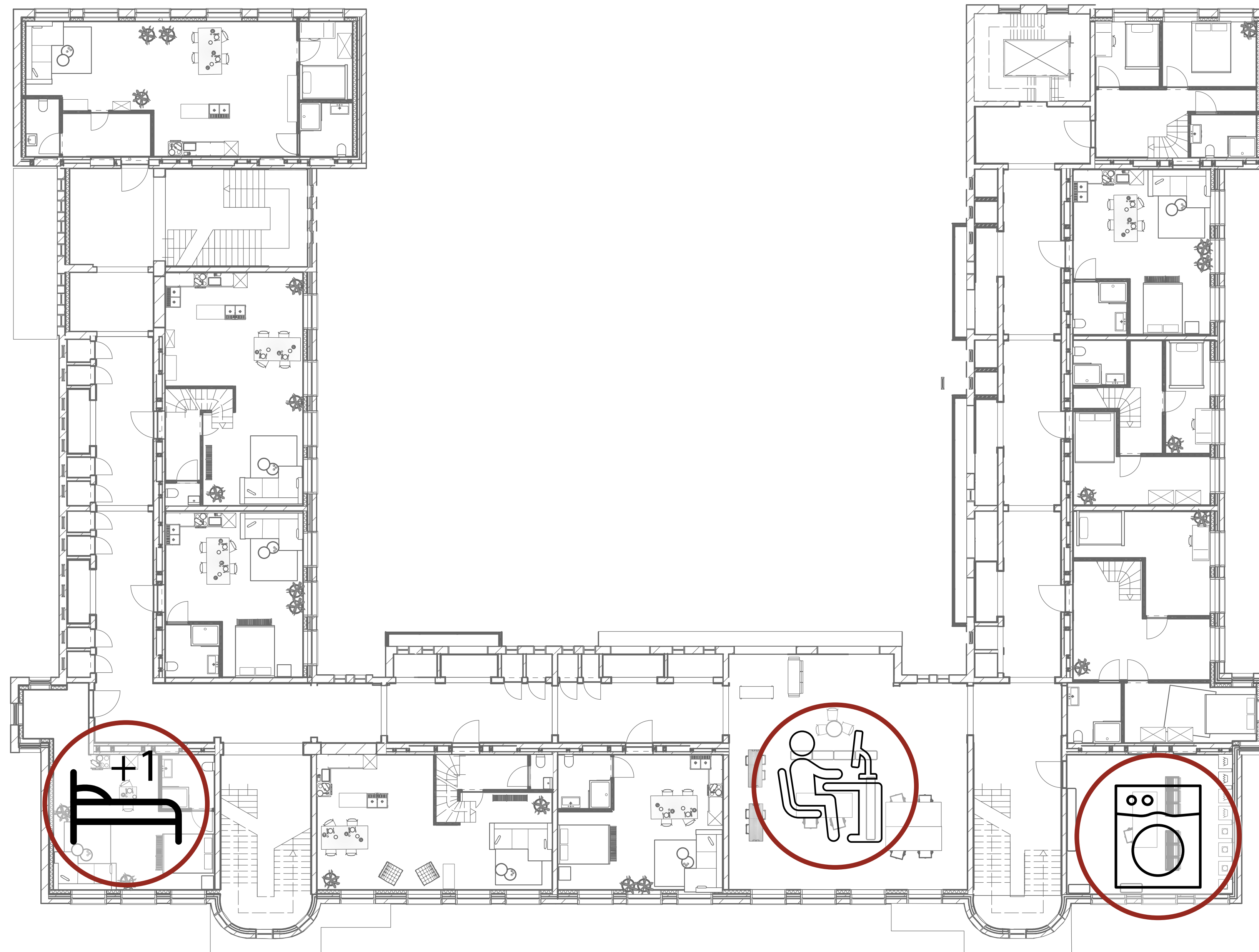
±62 persons



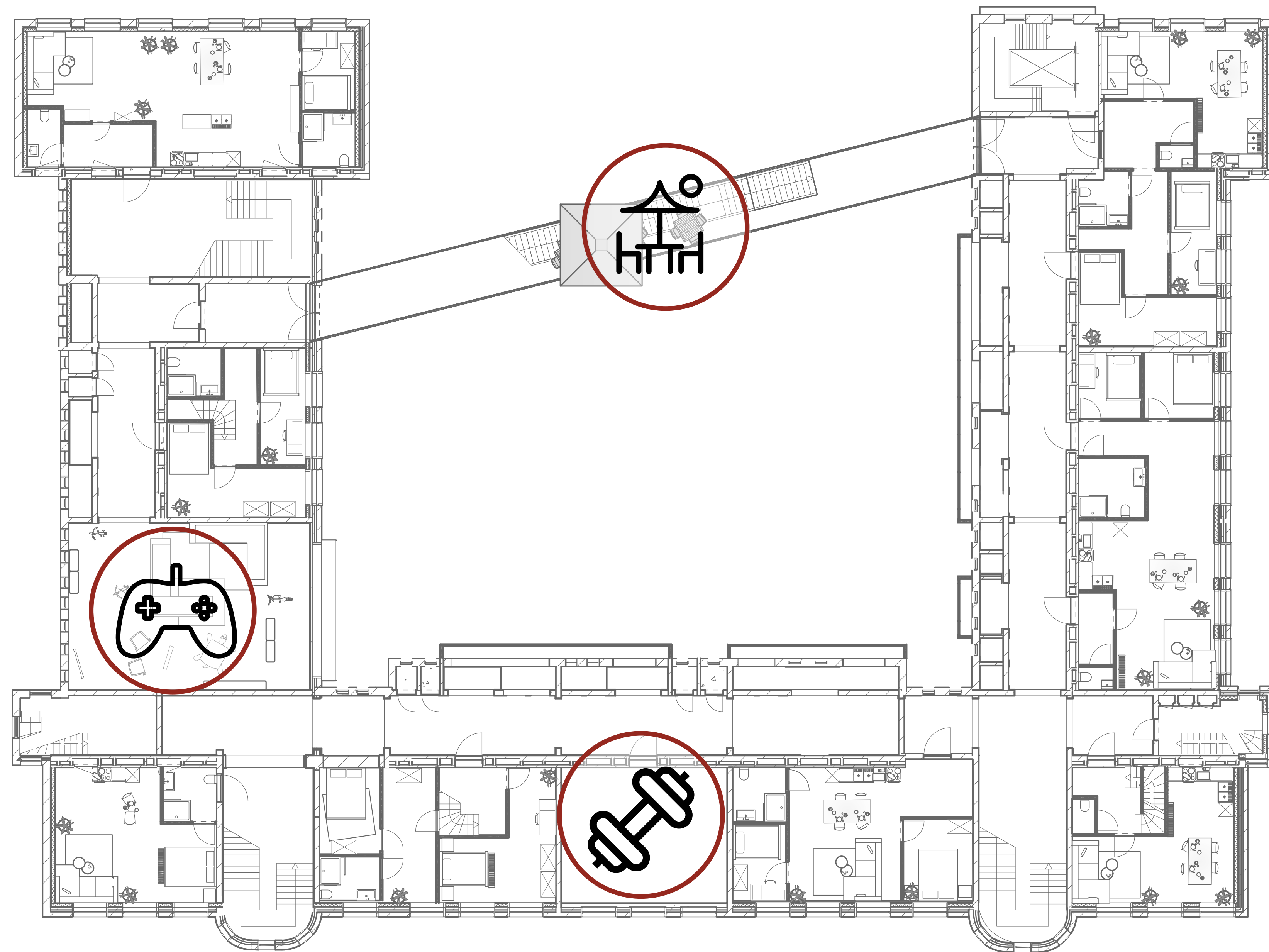
Common areas



Common areas



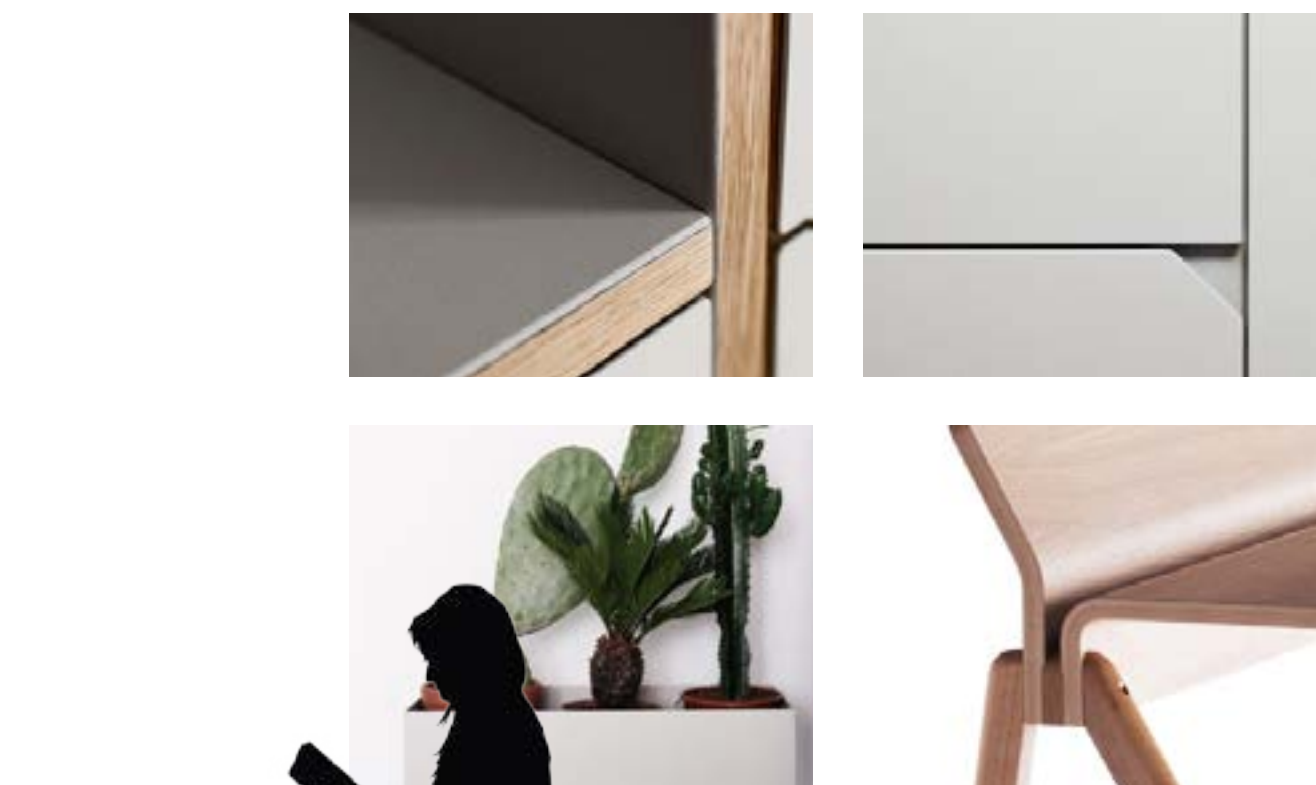
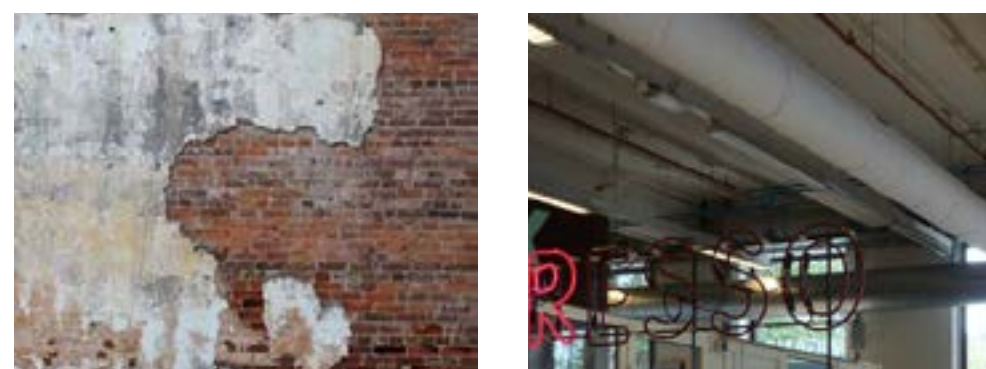
Common areas



Common areas



Concept: play & pause



With respect to the old building



But being a new and innovative building



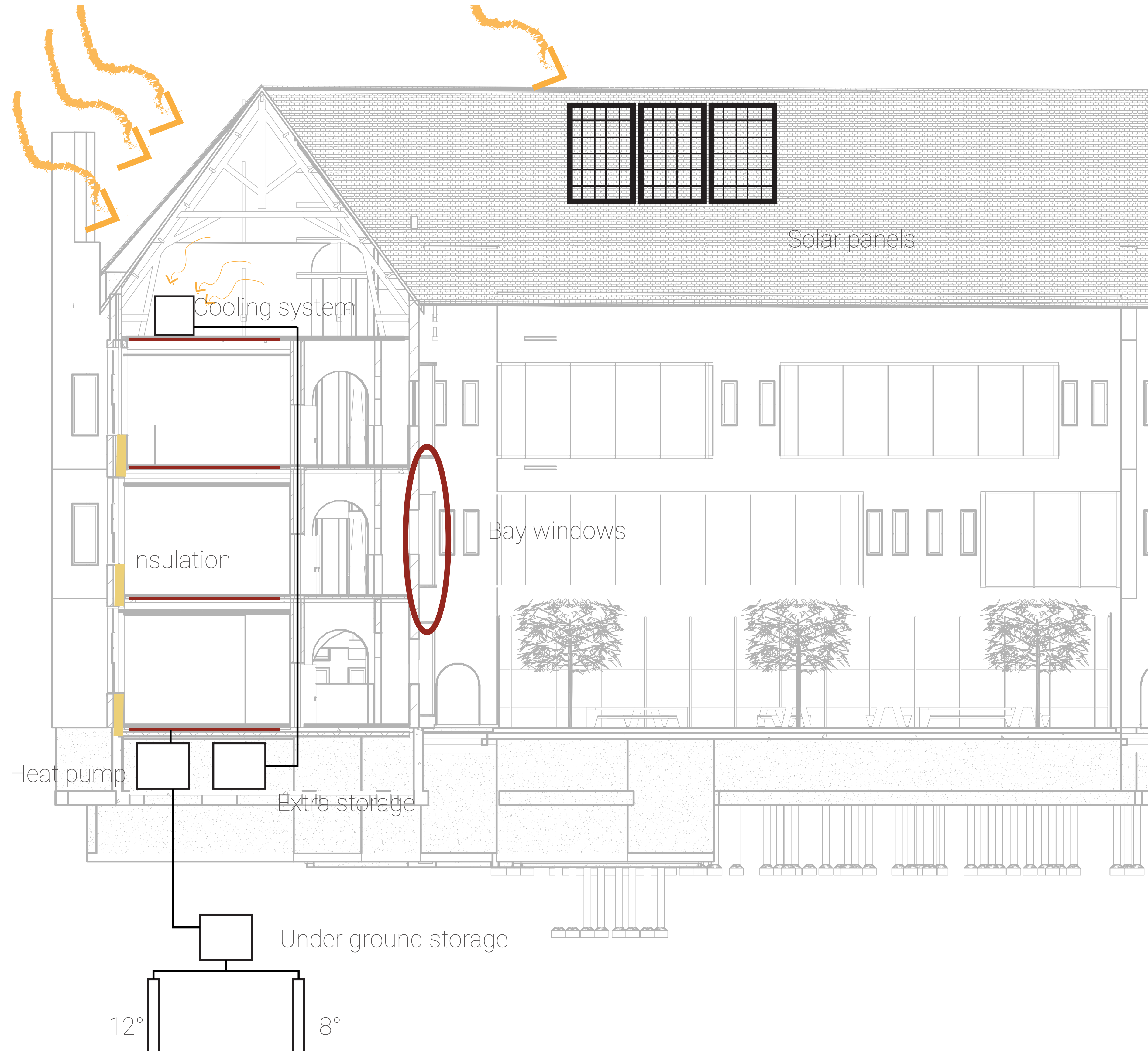
But being a new and innovative building



But being a new and innovative building



Sustainable building



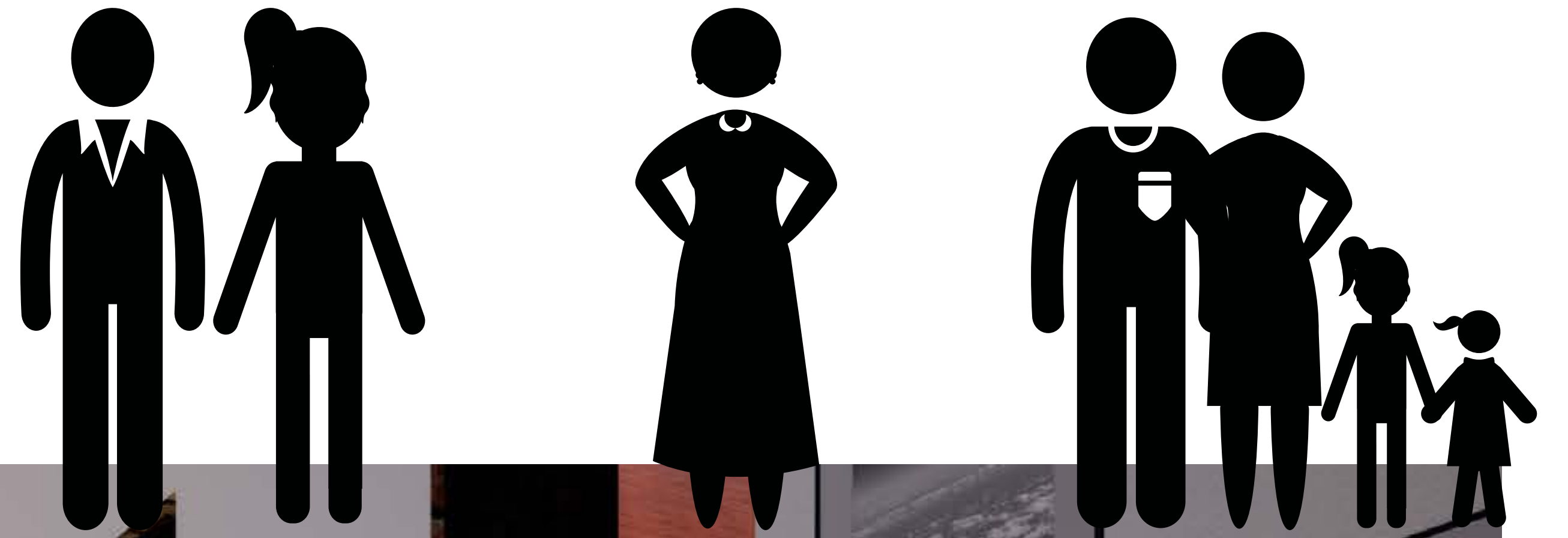
What's & who's inside the building?



Apartment



Collective space



Collective space



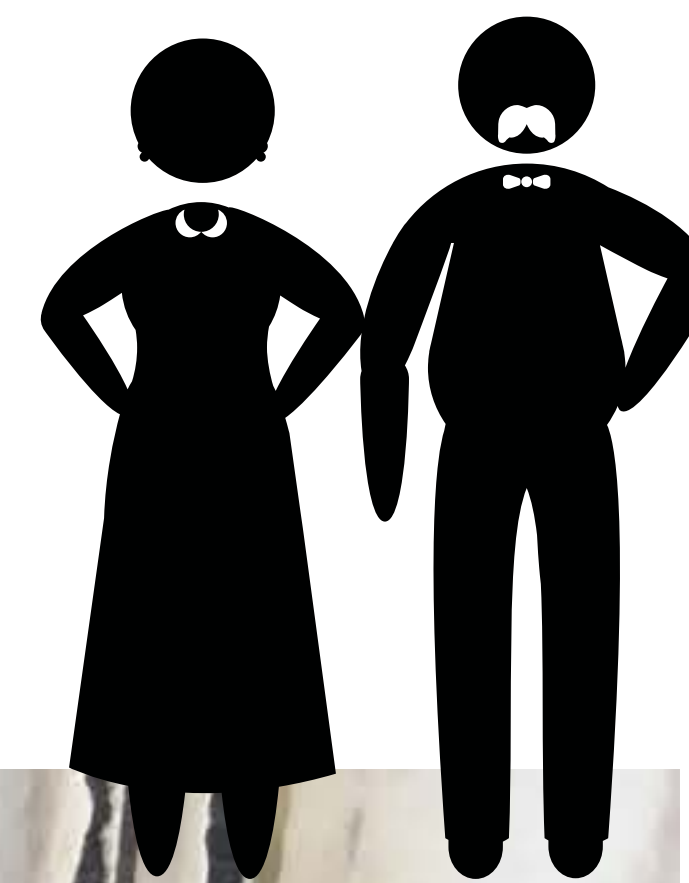
Collective space



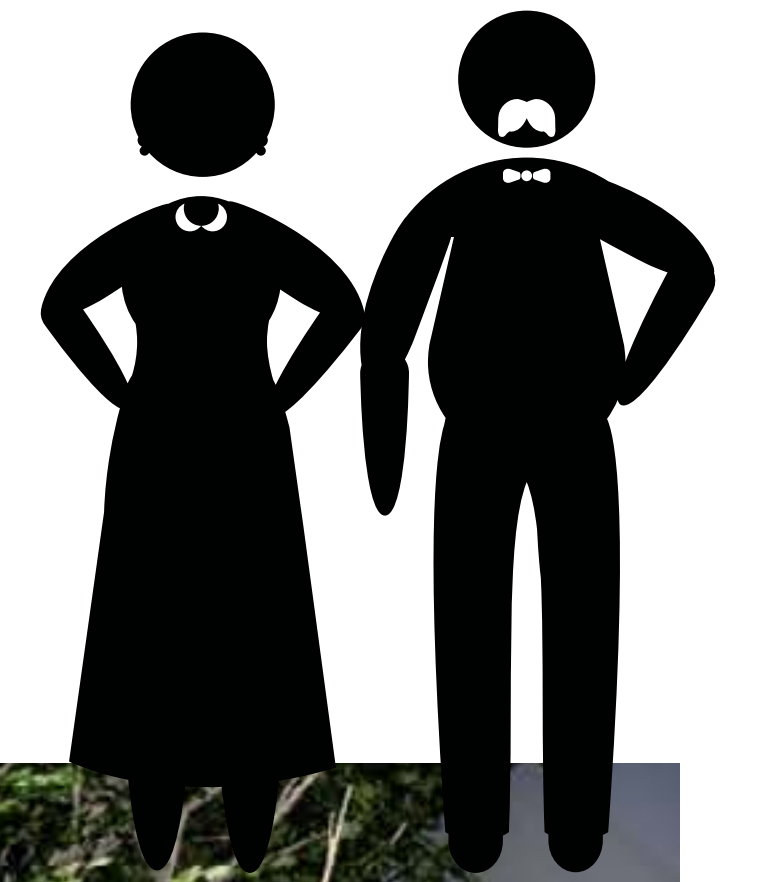
Collective space



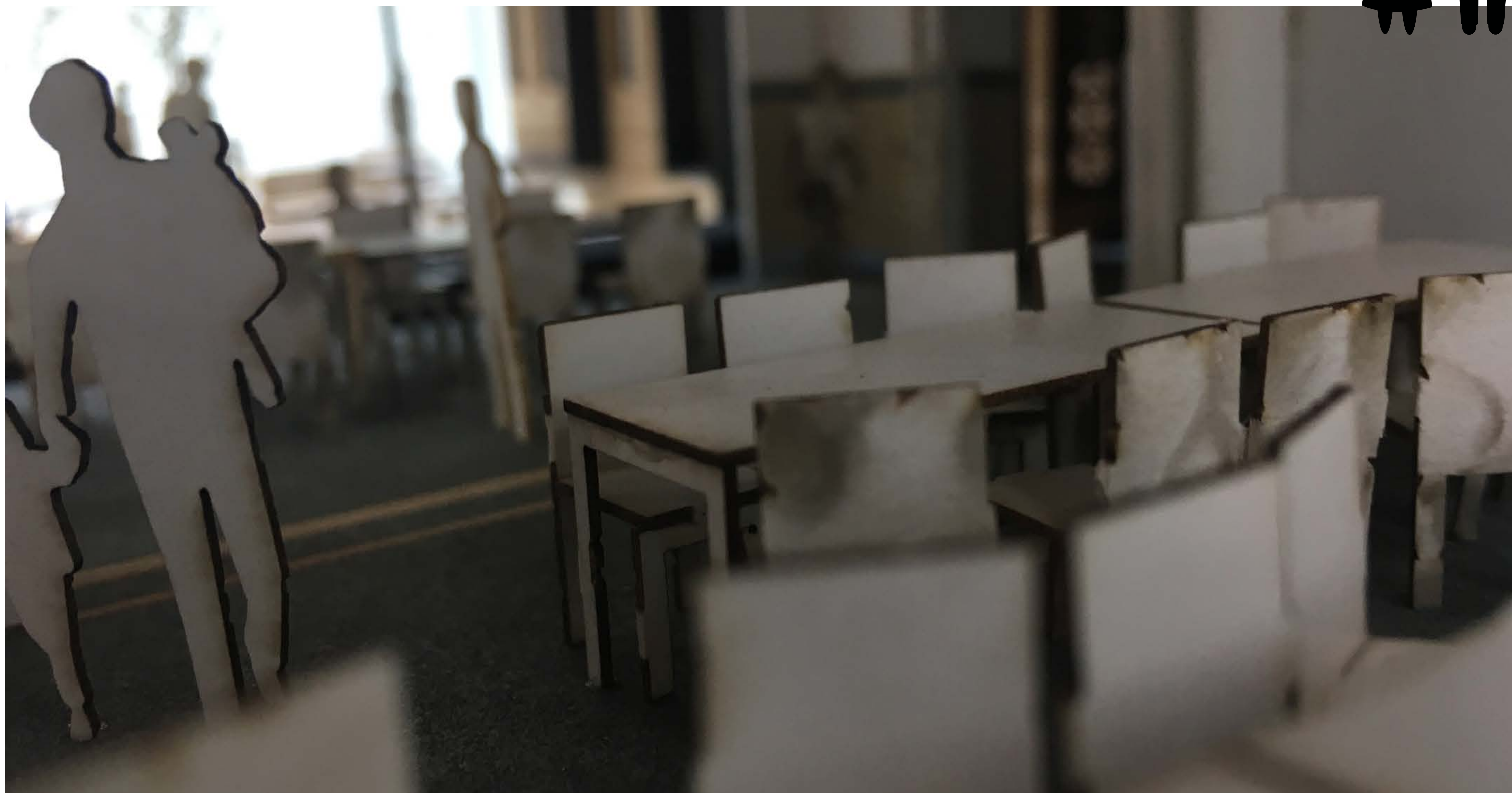
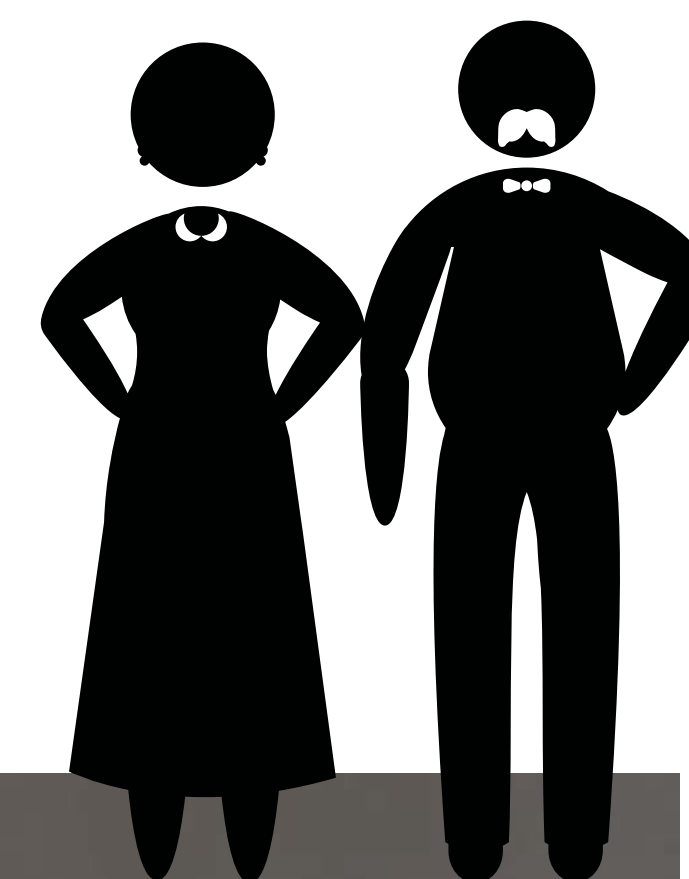
Collective space



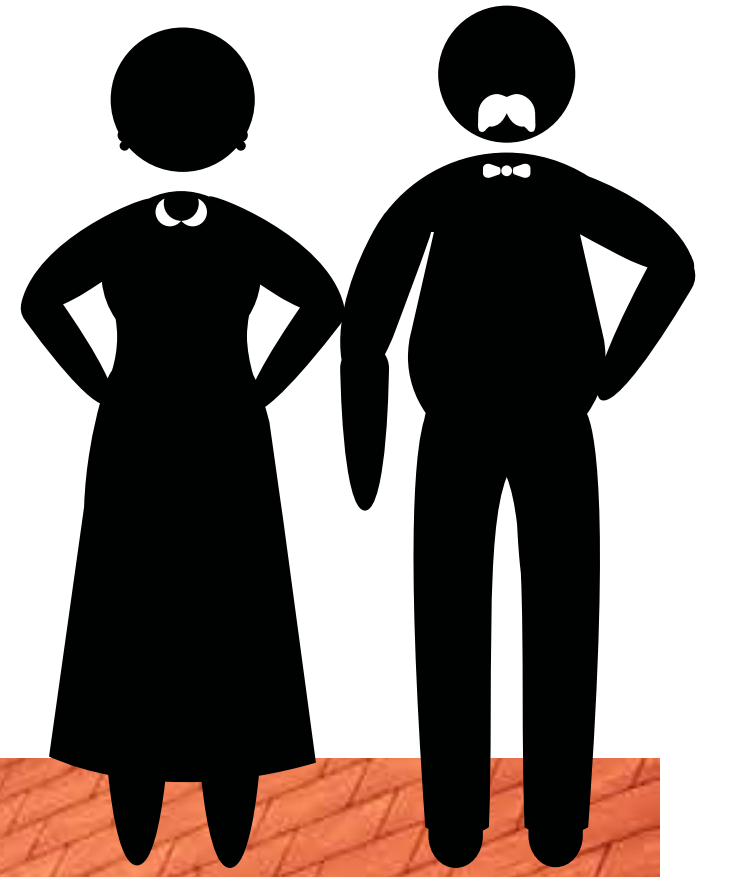
Collective space



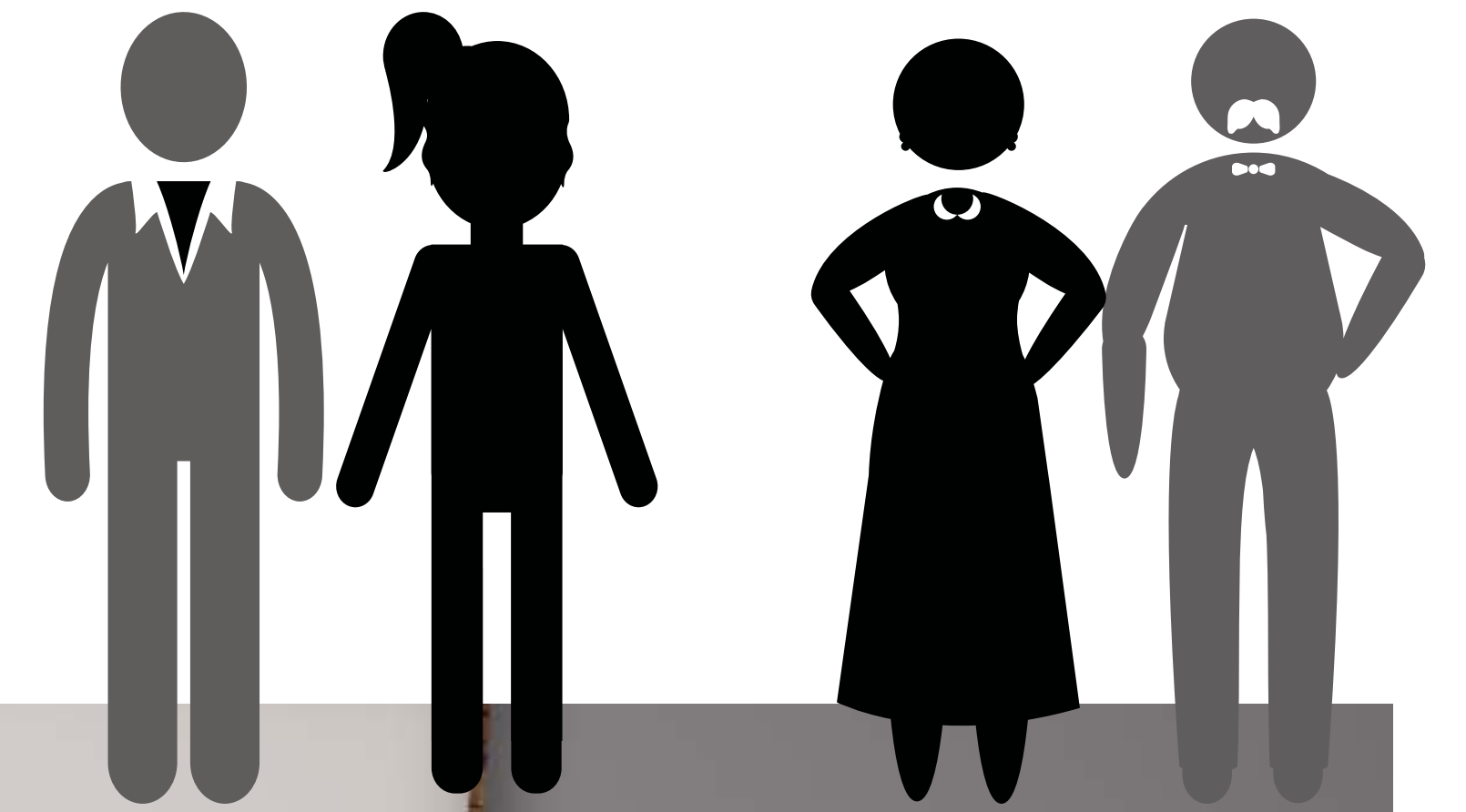
Dining room



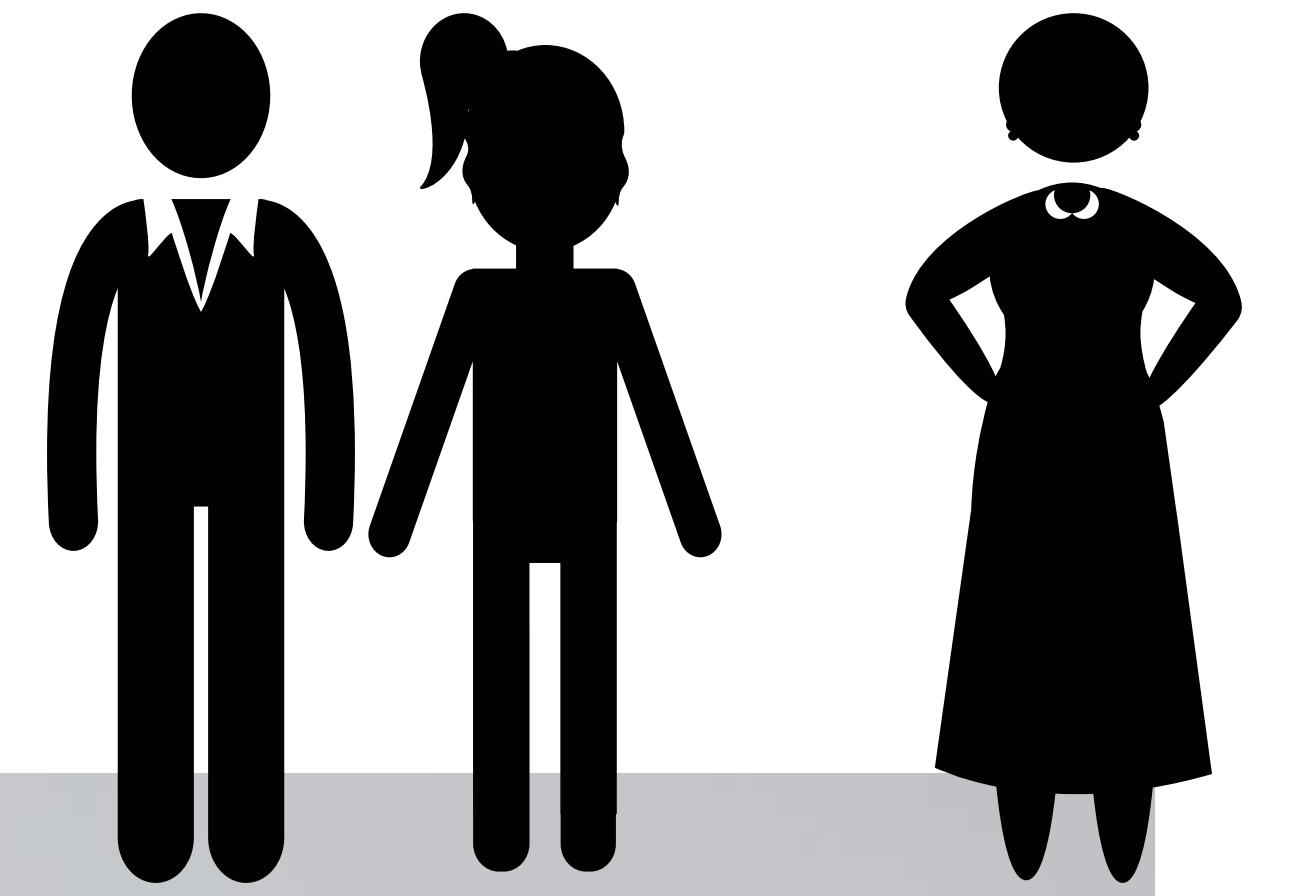
Walking bridge



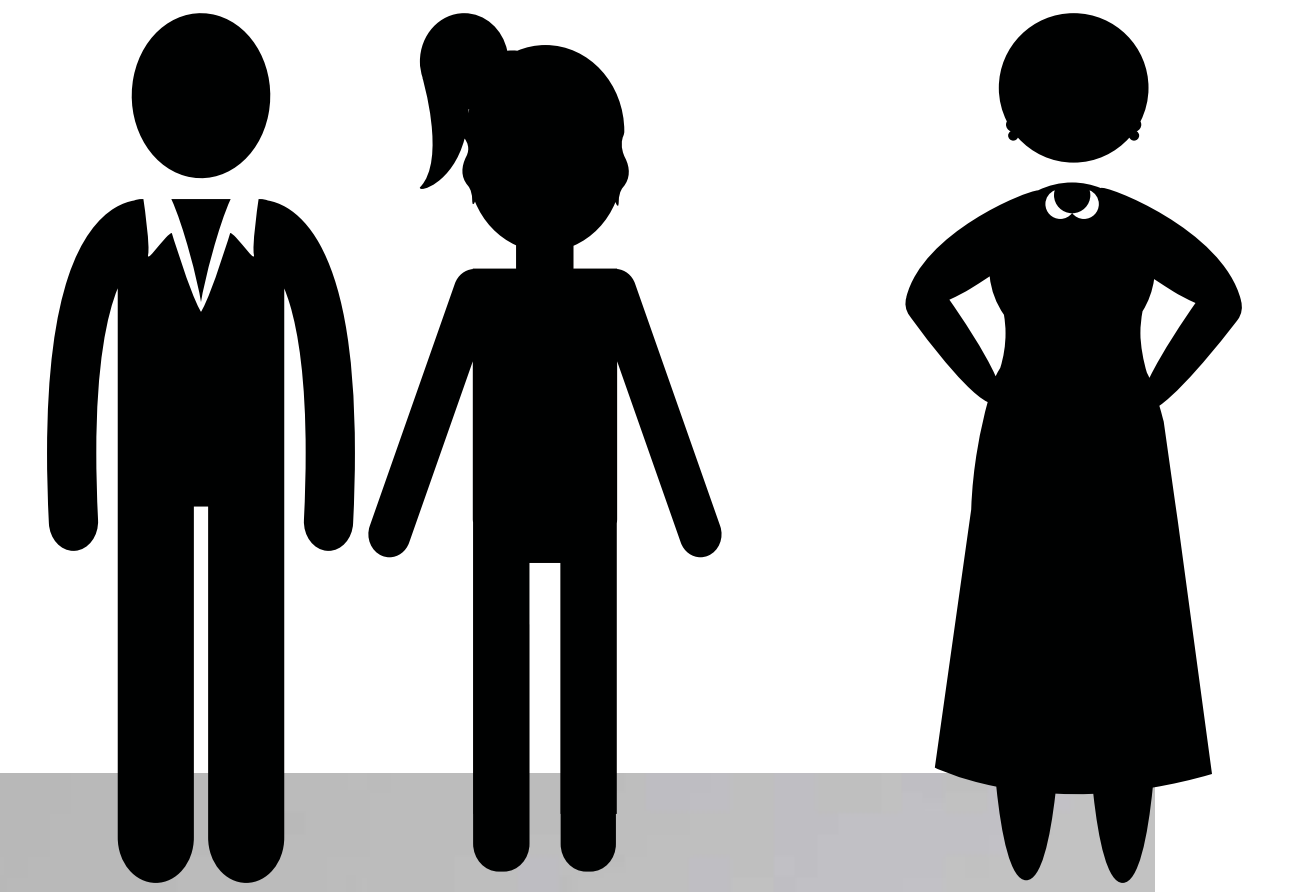
Flex office



Greenhouse



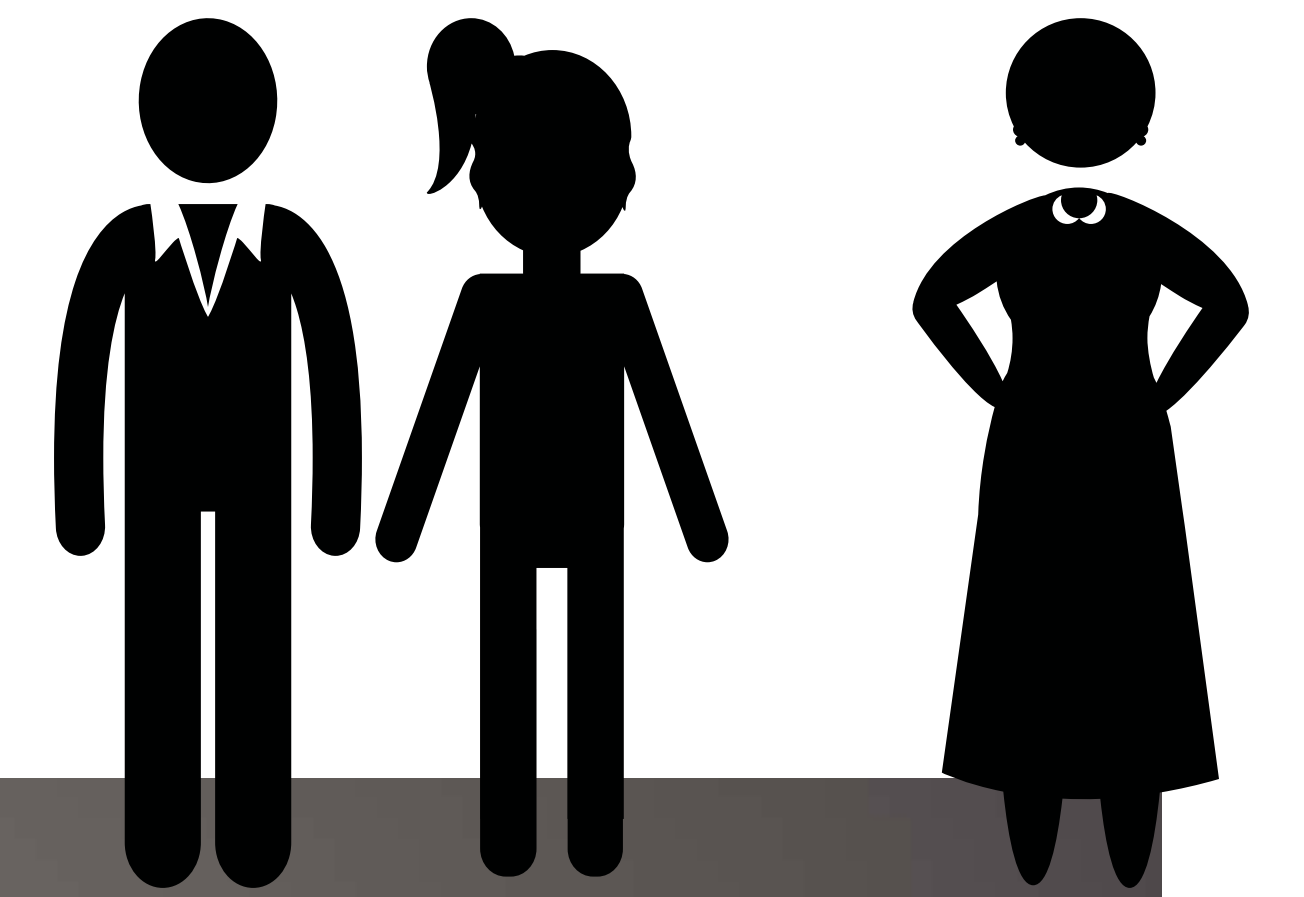
Greenhouse



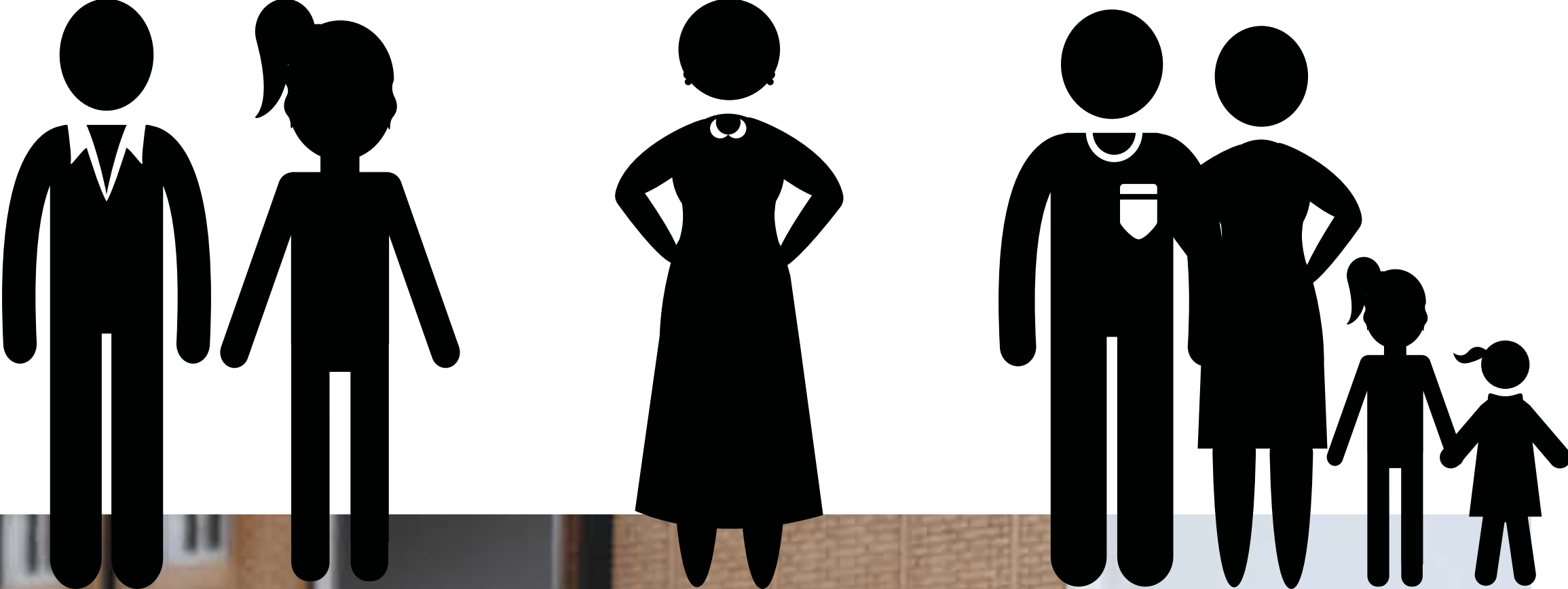
Greenhouse



Dining room



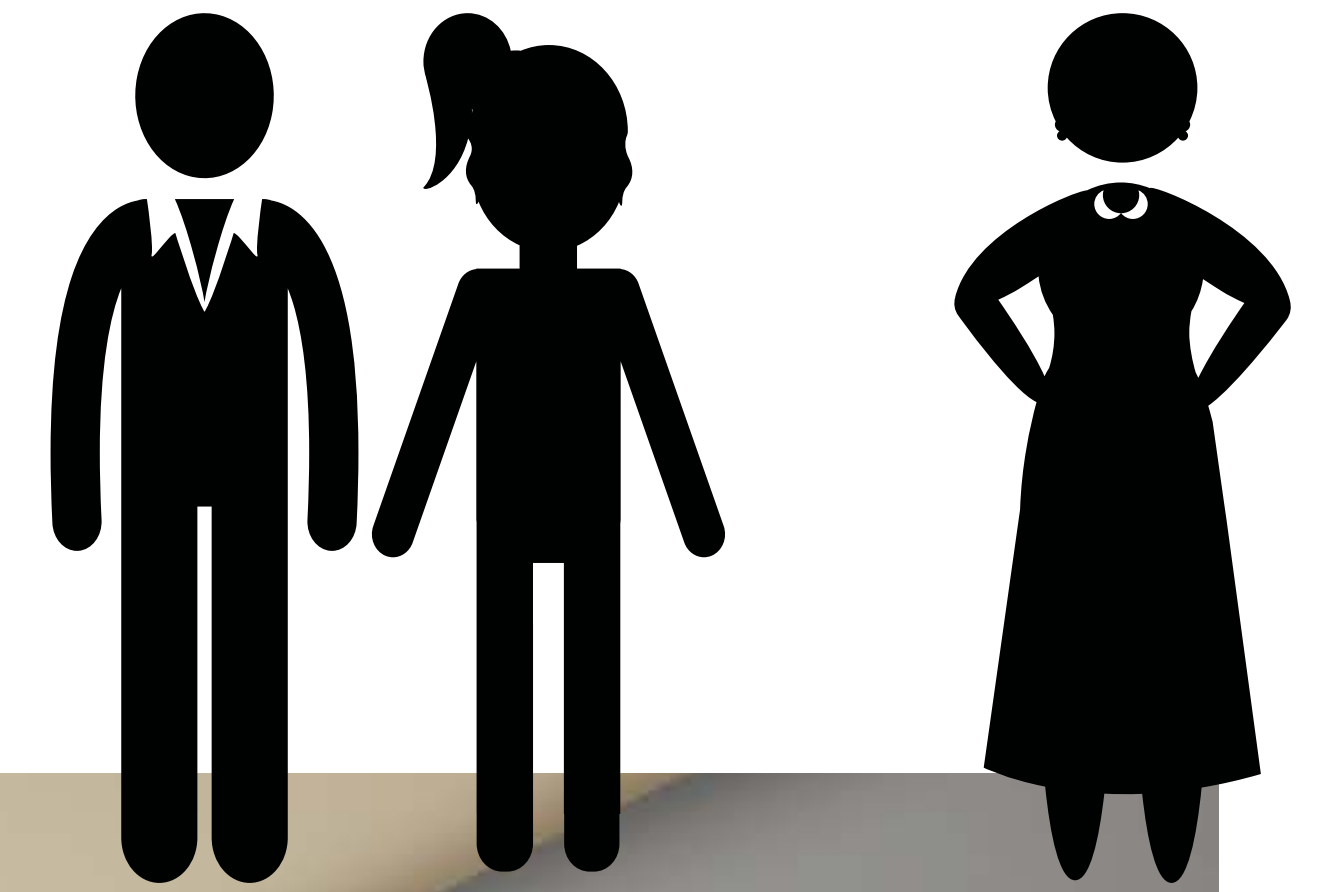
Garden/dining



Garden



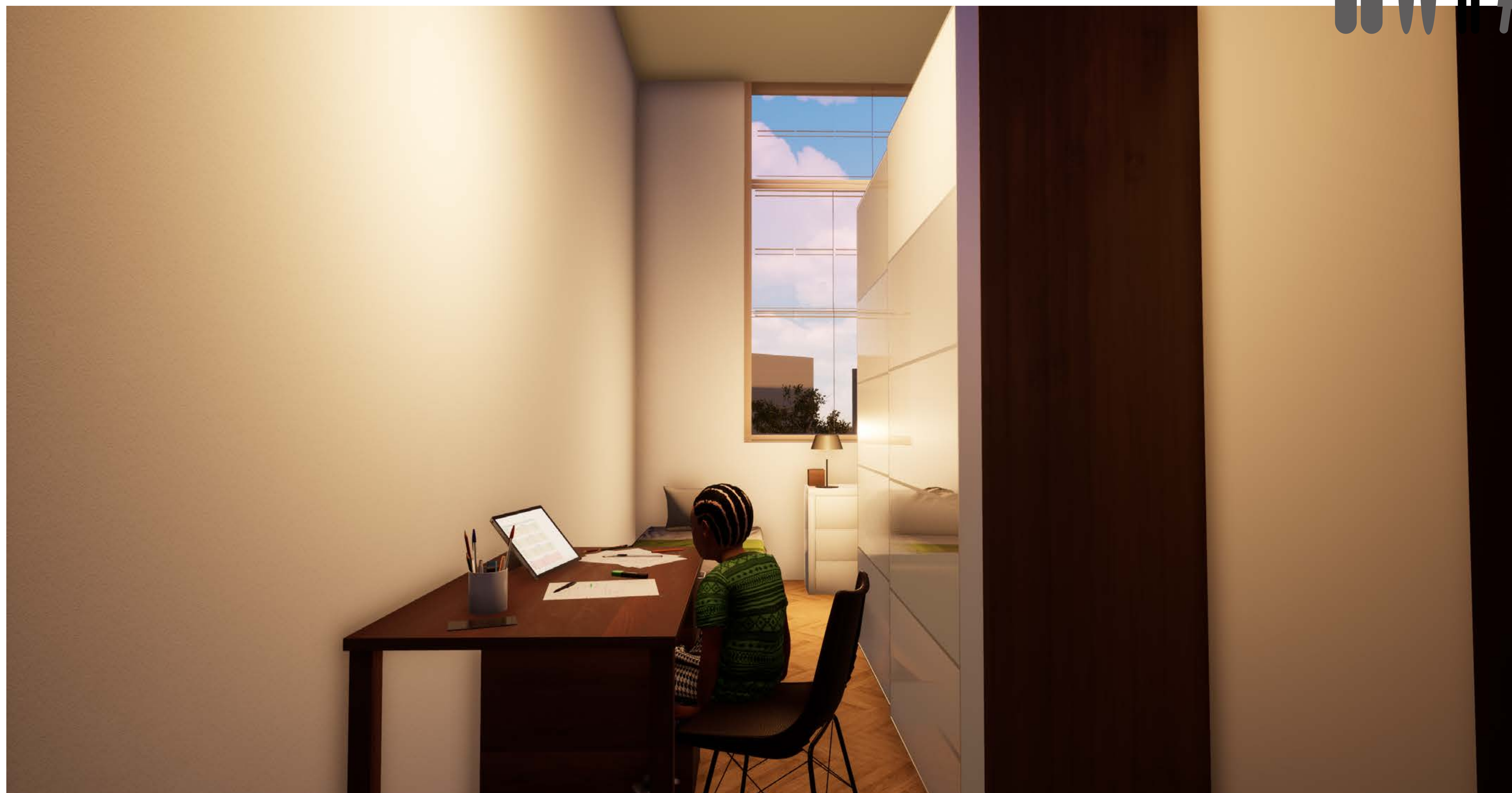
Living room



Apartment



Apartment



Hillevliet cohousing



Questions?

Thanks for all the support and help

Ainoa, Alex, Alexandra, Alice, Ann-Marie, Anne, Anne, Bart, Davine, Eva, Floor, Franke, Heleen, Ijsbrand, Ilse, Ize, Inge, Irene, Jan, Jan Maarten, Janneke, Jolien, Jonne, Jules, Julia, Kirsten, Lisa, Lisette, Marie-Jose, Mathijs, Merel, Miep, Myrthe, Niek, Niels, Omi, Paul, Rees, Roben, Robin, Saimi, Sanne, Saskia, Steffan, Suzanne, Tom, Veerle, Veerle, Yara, enz..



Thank you!

