

An aerial photograph of a residential neighborhood. The houses are mostly two-story with red-tiled roofs. There are green lawns, trees, and a paved road winding through the area. The text 'Common Ground' is overlaid in the center in a large, white, sans-serif font. Below it, the subtitle 'The project as a soft border' is written in a smaller, white, sans-serif font.

Common Ground

The project as a soft border

Robert Witczak
ExploreLab P5

Common Ground

The project as a soft border

Tutors:
Jorge Meija Hernandez
Frits van Loon
Jan van der Voort

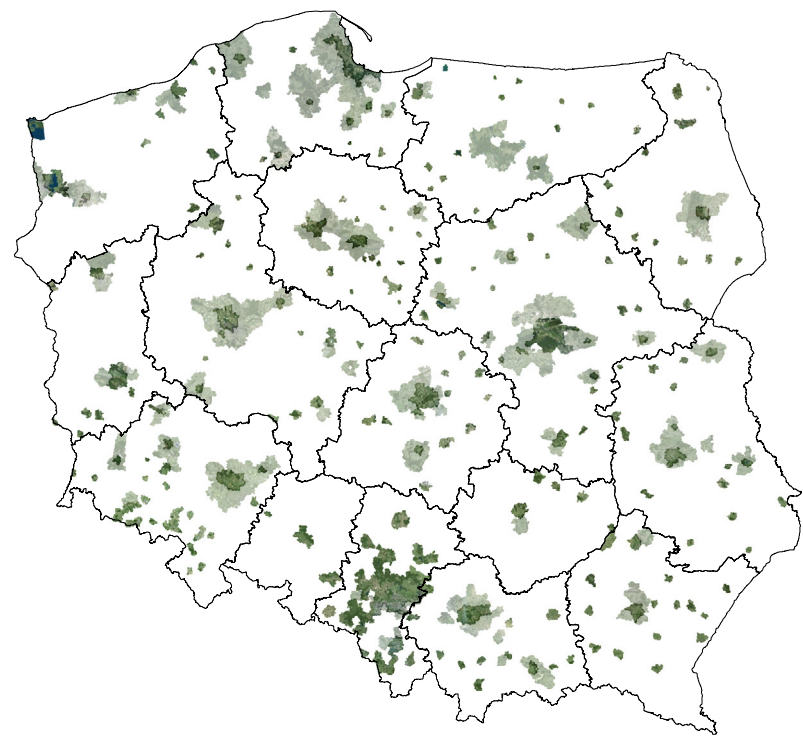
added value, in-between

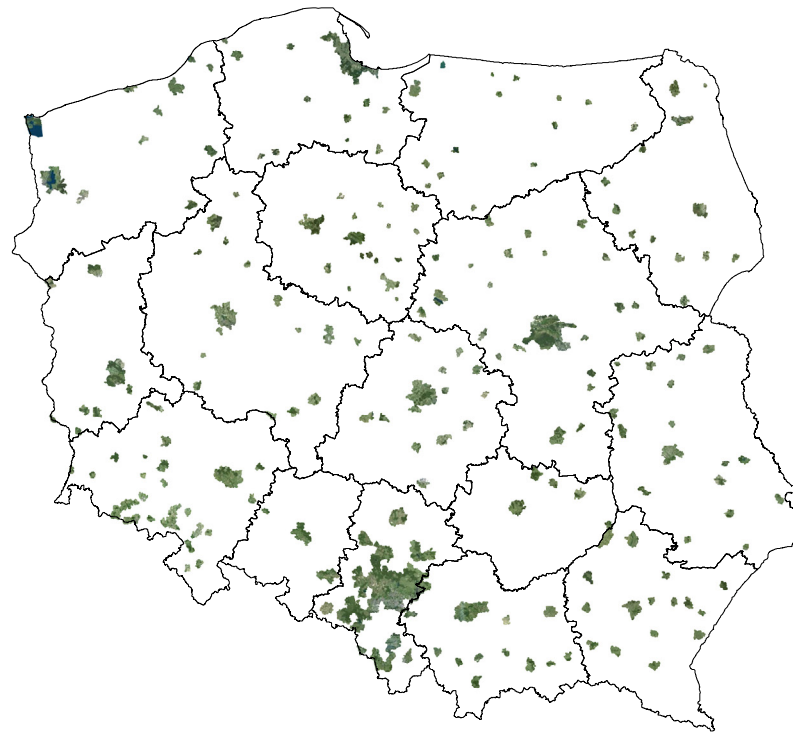


SUBURBANIZATION

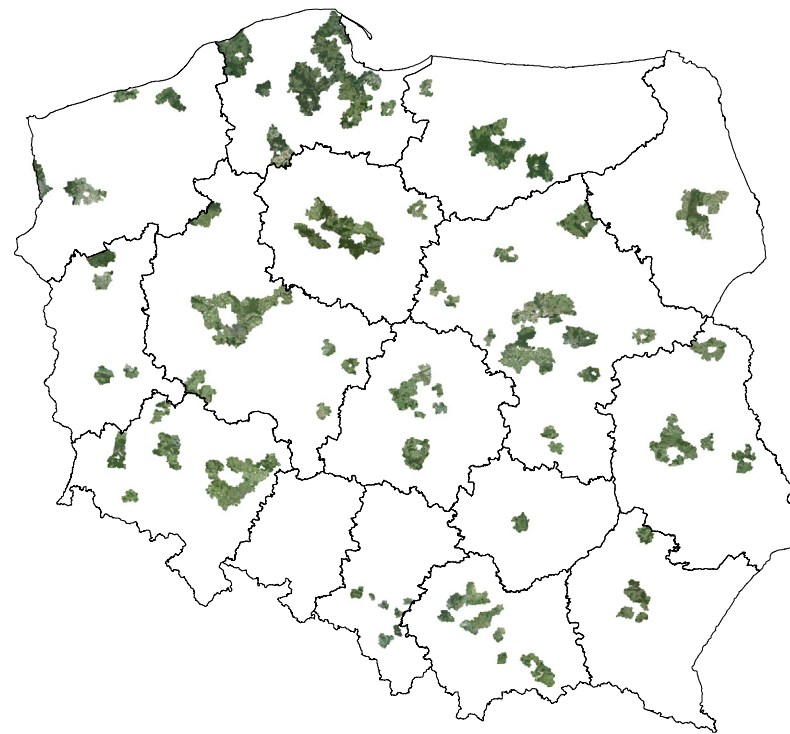
suburbs, urban sprawl, urban fringe







93%



Moreover, most large cities will shrink in favor of growing suburbs and the demand for construction plots and houses within them.

“Stop worrying about the city. The city’s urban environment is almost alright. The problem is the suburbs”

material
socio-economical



Currently, setting a clear border between the city and the village is less and less possible



Once we have invented ourselves as individuals out of the collective. You stand alone, and you want to have the distance from your neighbor.



Lack of planning are main reason of the spatial chaos in Poland

84 300 000 000 000 000 PLN

The spatial chaos that has been increasing for years generates several dozen billion PLN of additional costs every year.



Land use pattern, which translates into the shape, size, and layout of plots is one of the main elements constituting architectural typology of suburbs






KATALOG PROJEKTÓW DOMÓW

DOMY

w stylu **pl**

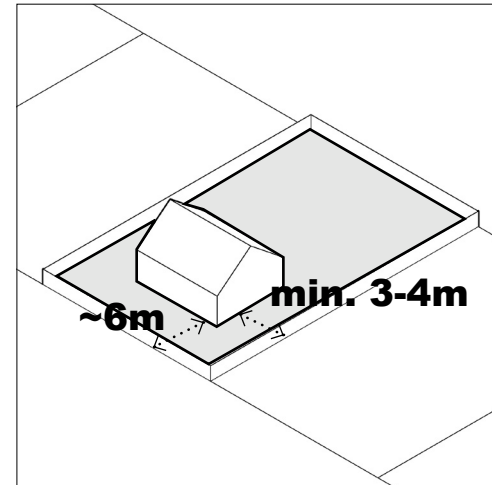
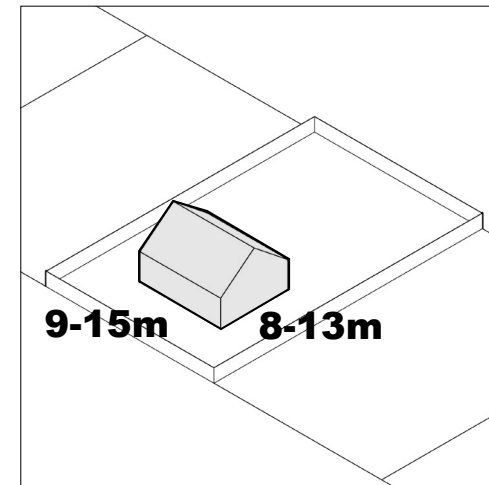
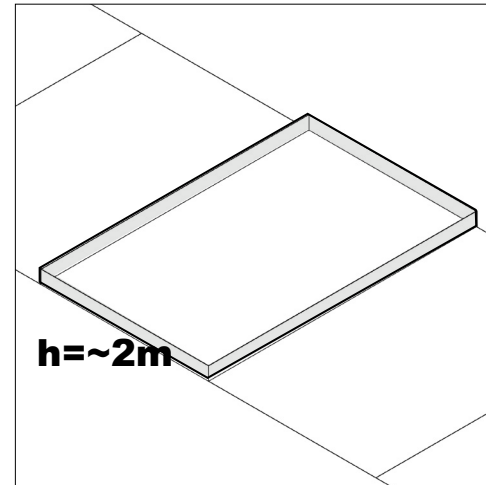
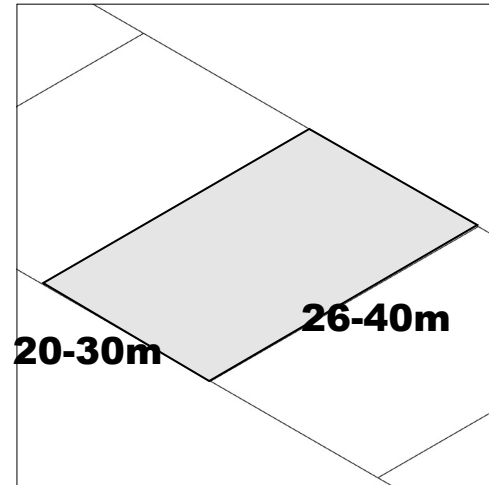
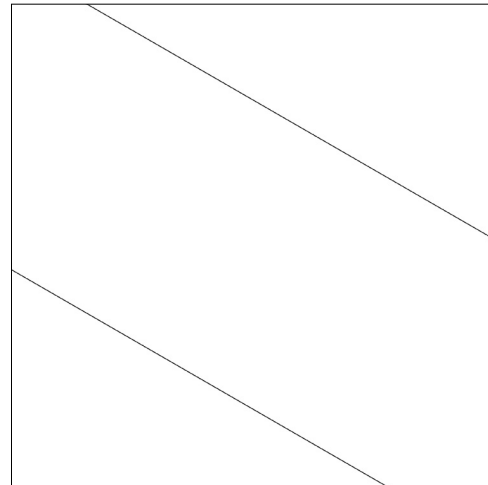
25 lat jesteśmy z Wami *Dziękujemy*



Periodyk ogólnopolski
DOMY w Stylu 1140/2018
ISSN 1233-2997
INDEX 316696X

5,90 zł (w tym VAT 6%)

domywstylu.pl





Boundries are where interaction diminishes the exchange is inhabited. Boundries usually tend to deskill people





Suburbs is a built environment which prefers the division, privacy and interior



Unless we rethink the built environment polish suburbs will become increasingly enclosed, private and isolated.

CHALLENGES

lack of community, population aging and sustainability

**A vision of adaptive,
inclusive and shared
suburbs**

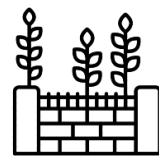
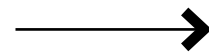
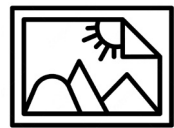




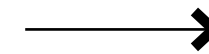
How can architecture introduce within the isolated, enclosed and private suburban possessions a realm for common space for interactions, cooperations and sharing?



Borders are places where interaction increases, allowing negotiation and exchange to happen.



DIY

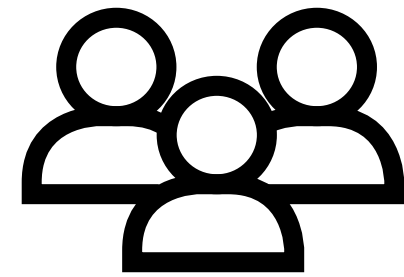


DIT

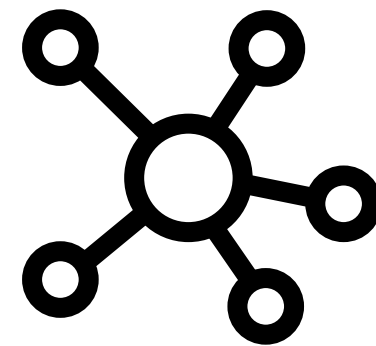
STRATEGY

process
communication
building system

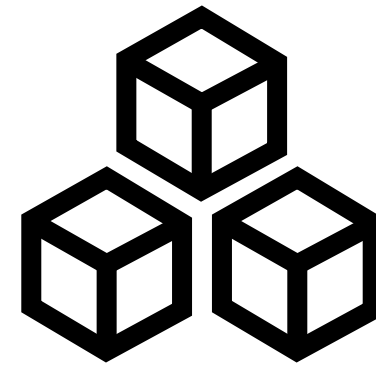
What if we could apply instruments for a contemporary and inclusive approach to the suburban environment and its landscapes?



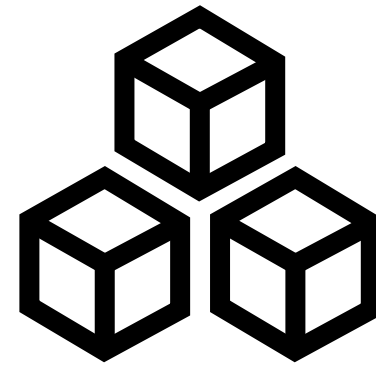
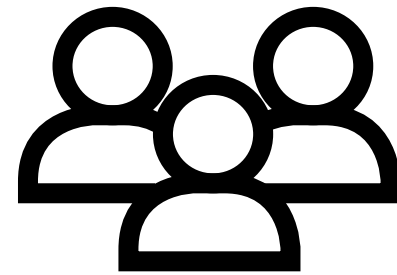
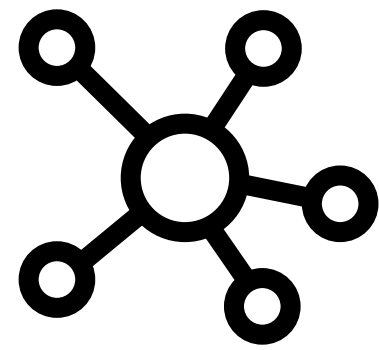
**COMMUNITY
BASED PROCESS**



**CROWDSOURCING
MAPPING TOOL**



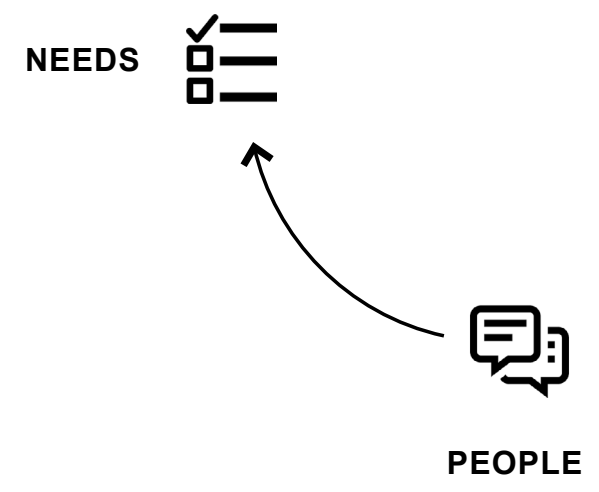
**OPEN SOURCE
BUILDING SYSTEM**

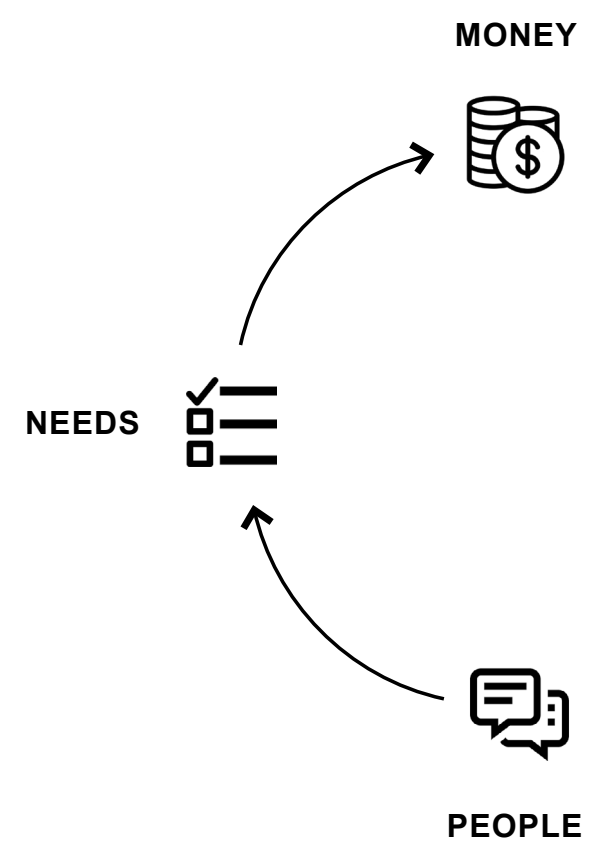


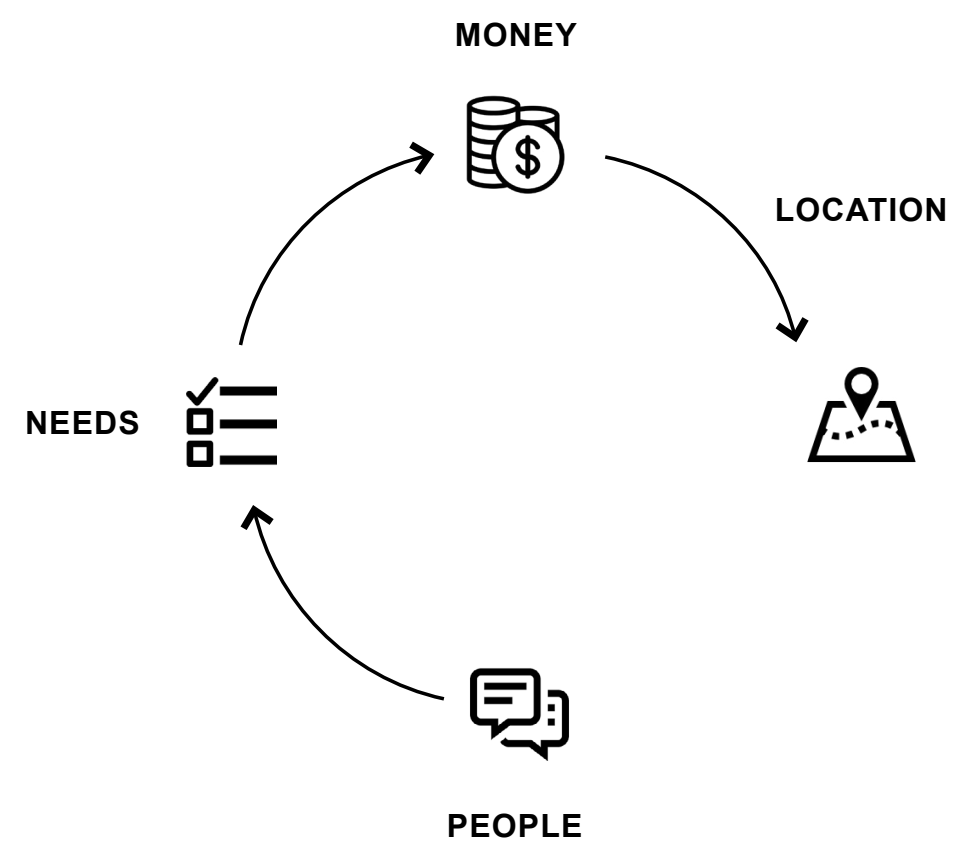
CommonGround

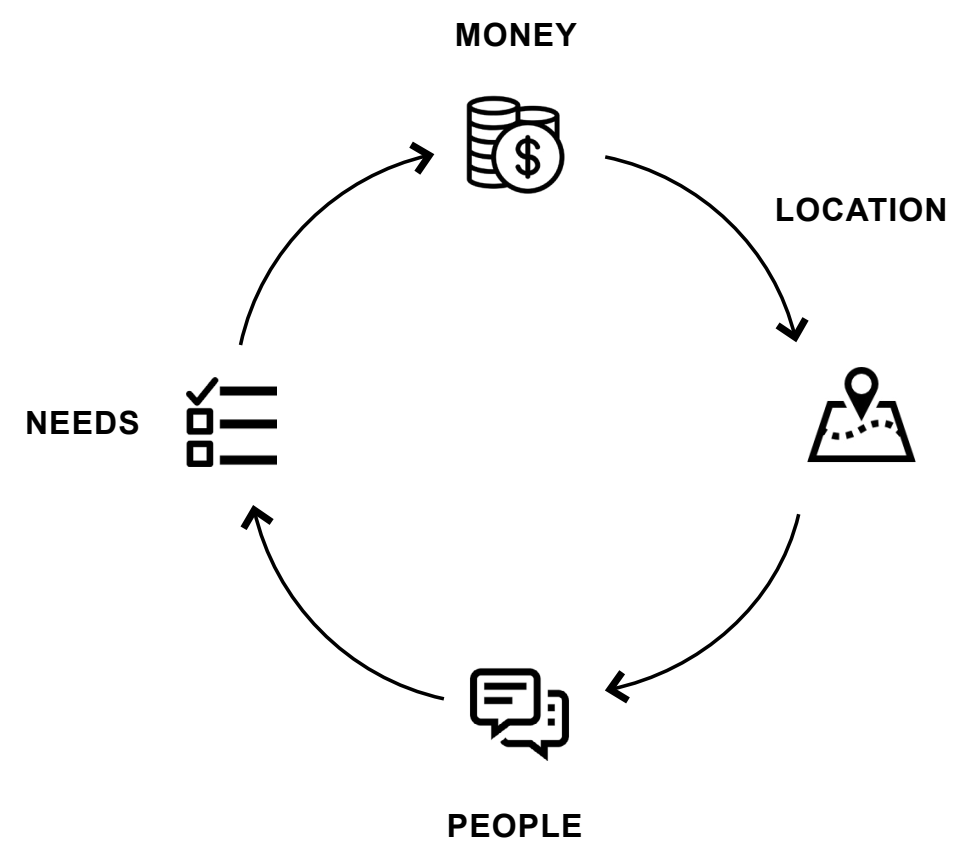


PEOPLE

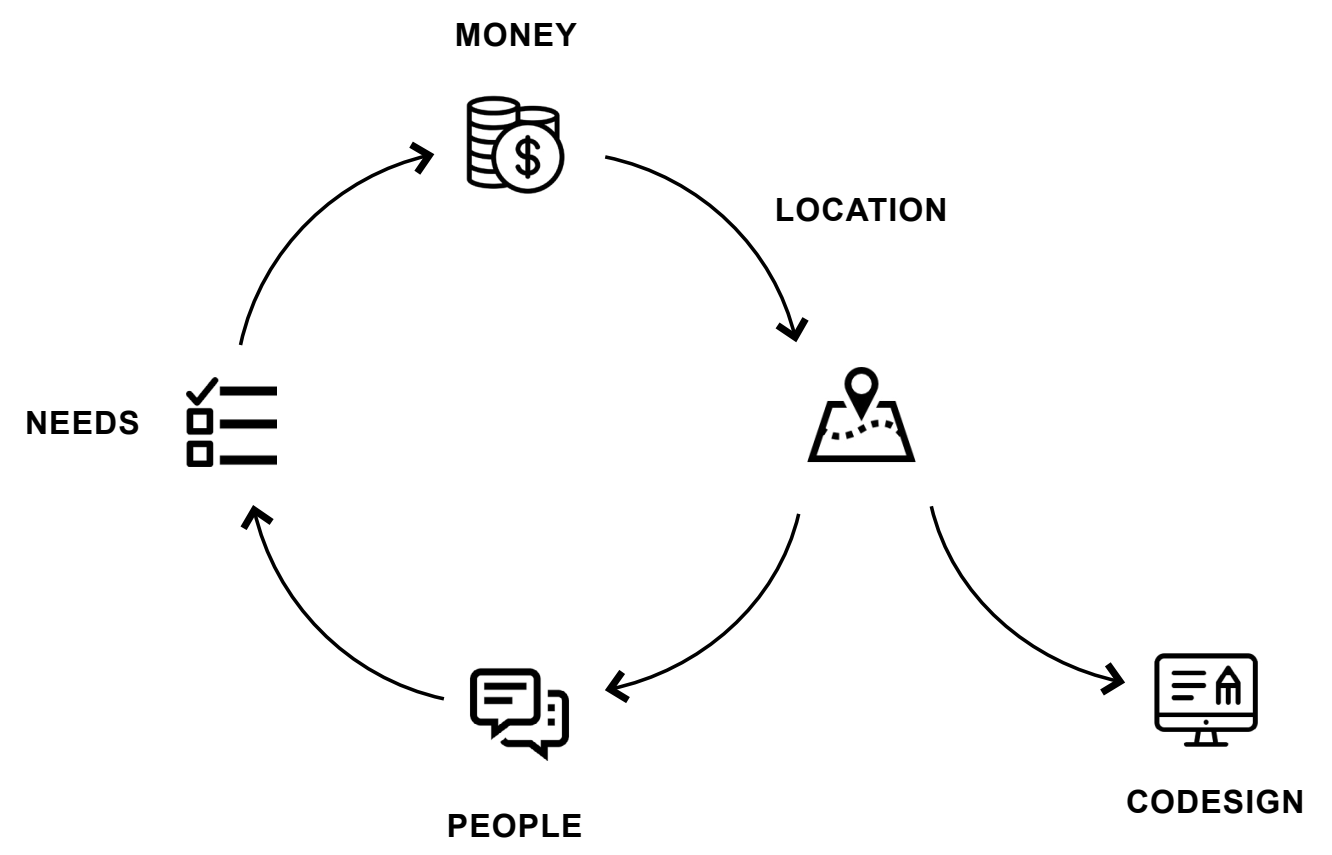


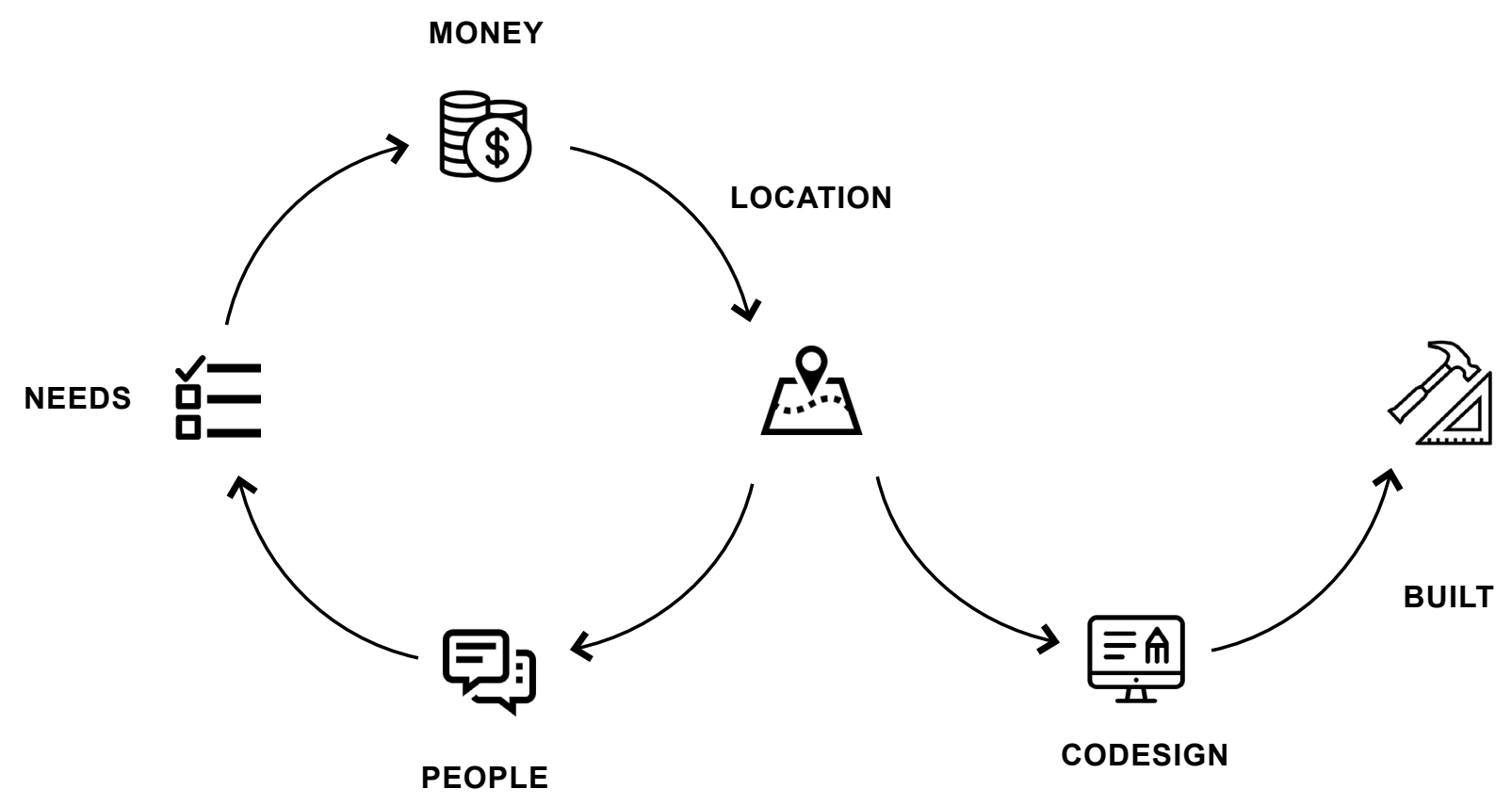


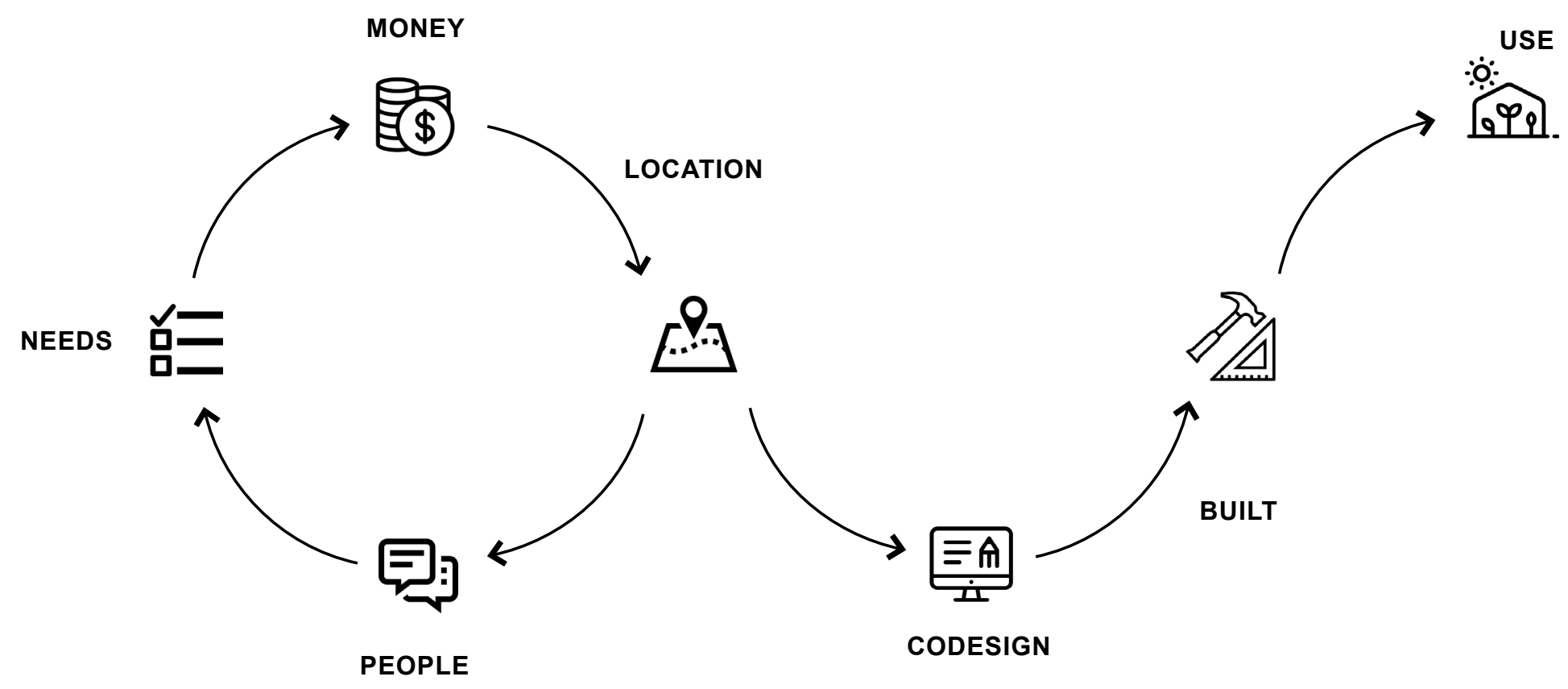


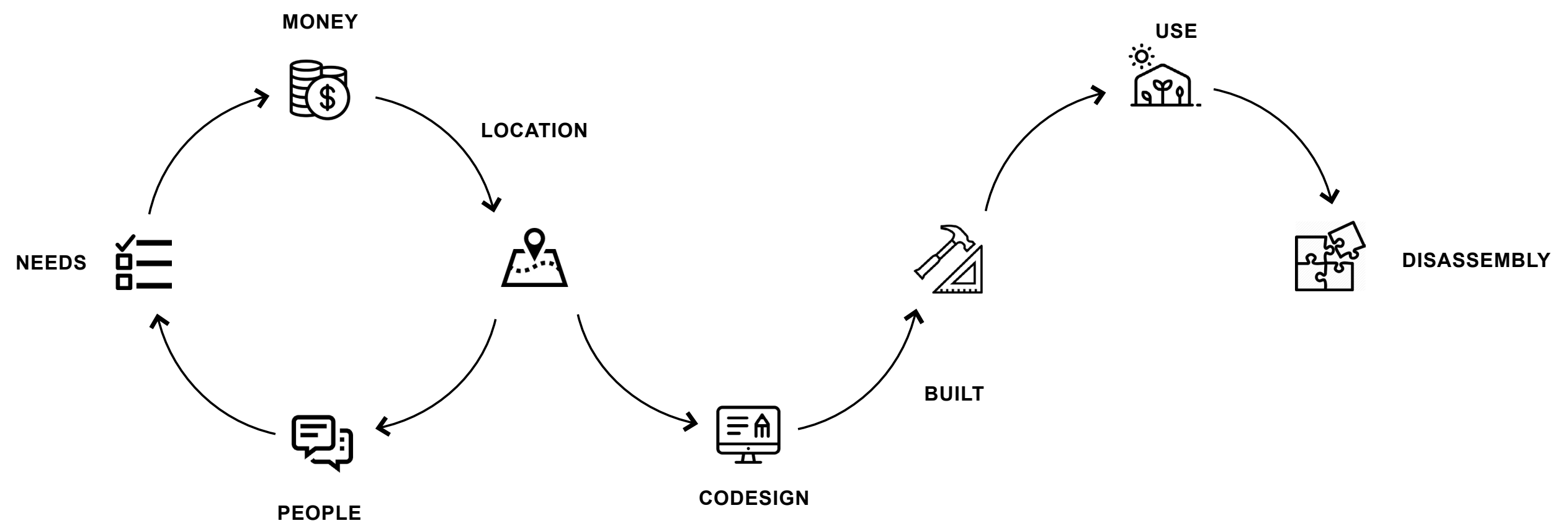


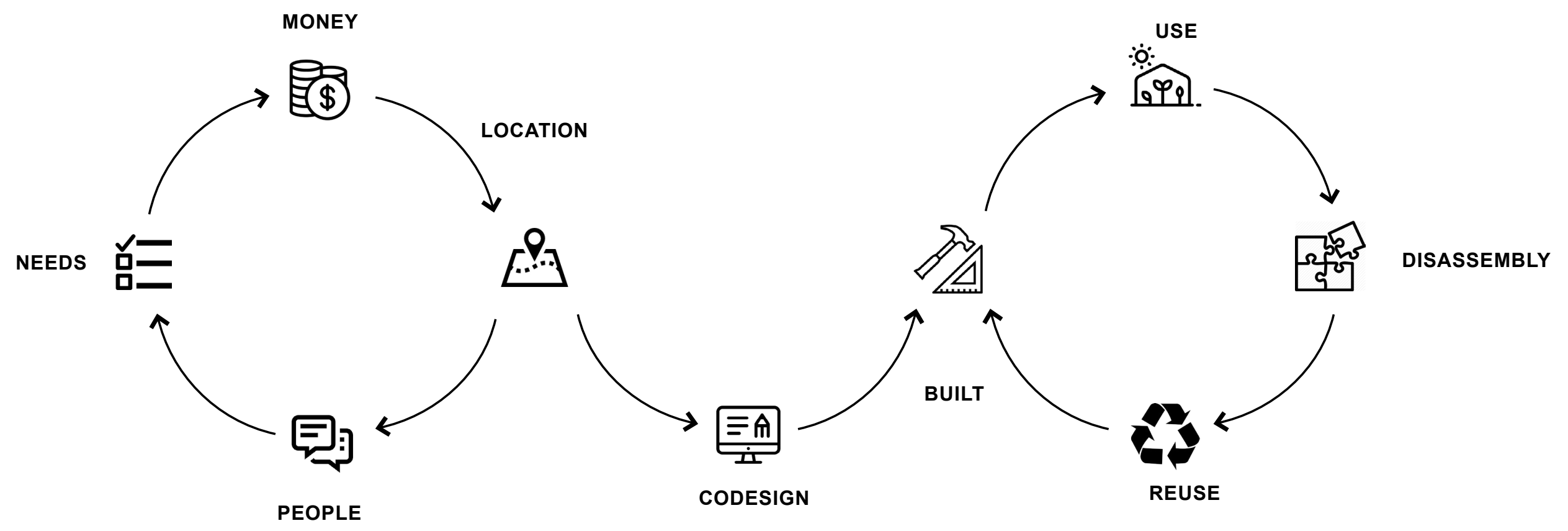
**CROWDSOURCING
MAPPING TOOL**

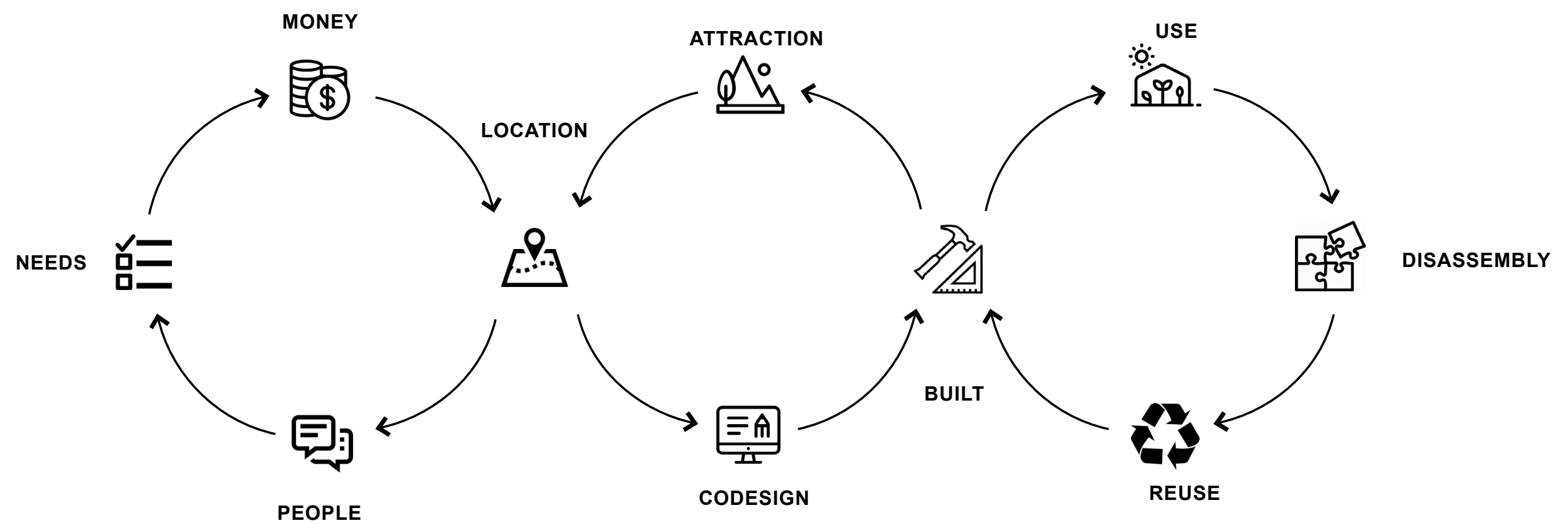


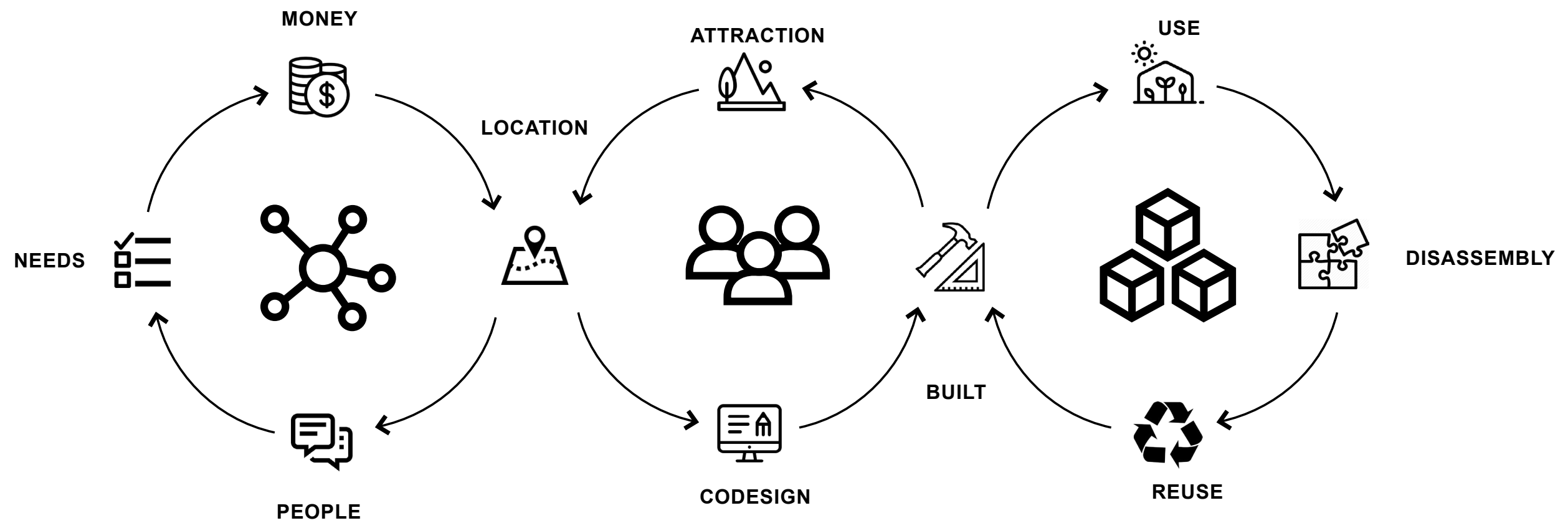












Community driven design process supported by the crowdsourcing mapping tool and the open sourced modular building system

CommonGround

[mapping tool](#) [community](#) [modular system](#) [support](#) [contact](#)

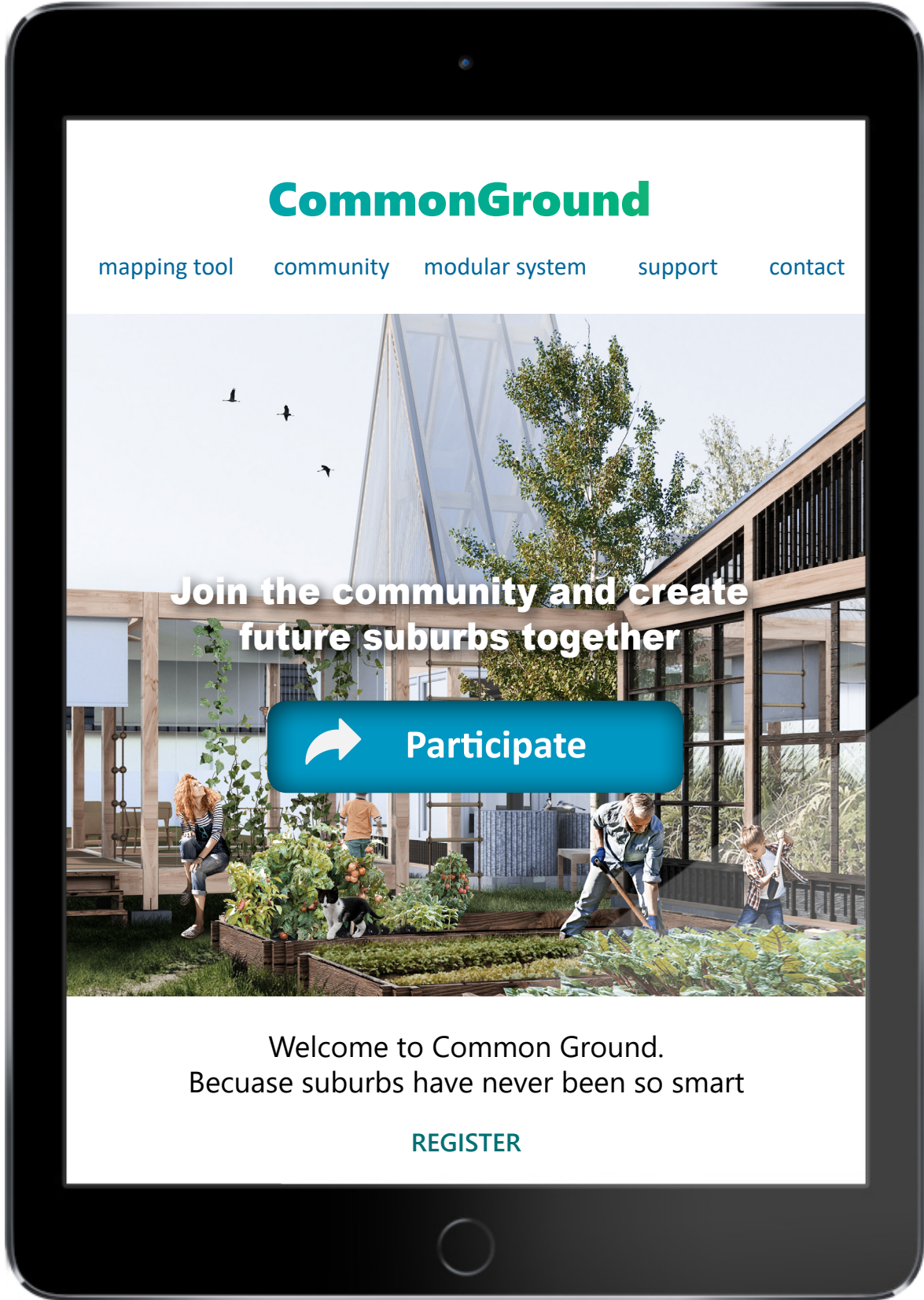


**Join the community and create
future suburbs together**

Welcome to Common Ground.
Because suburbs have never been so smart

[REGISTER](#)

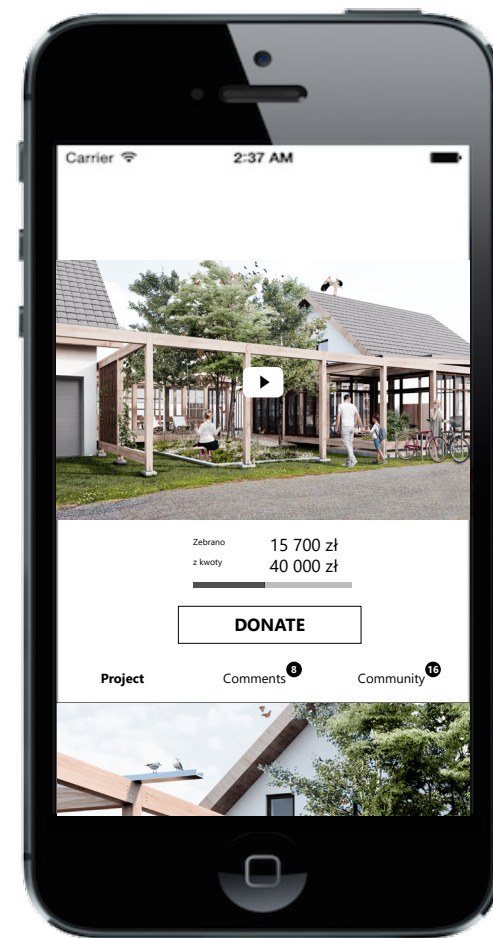
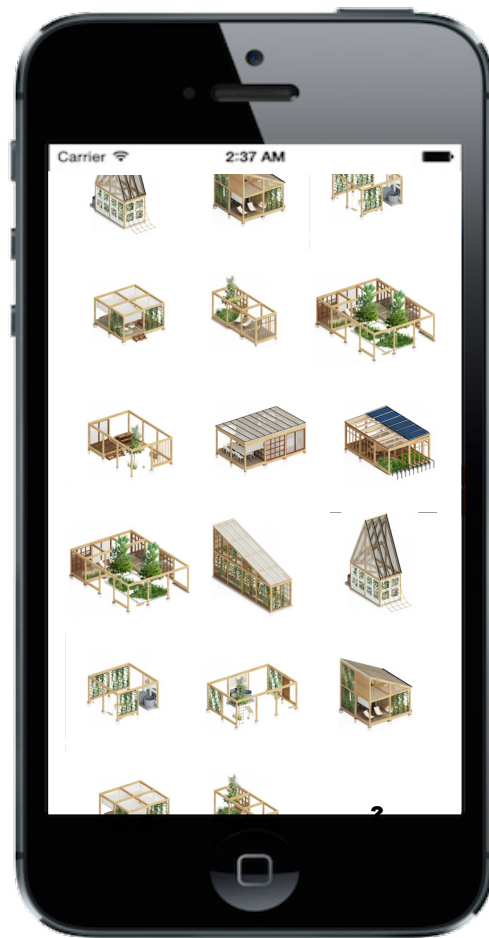
Commoning
Suburbs
Together



Commoning

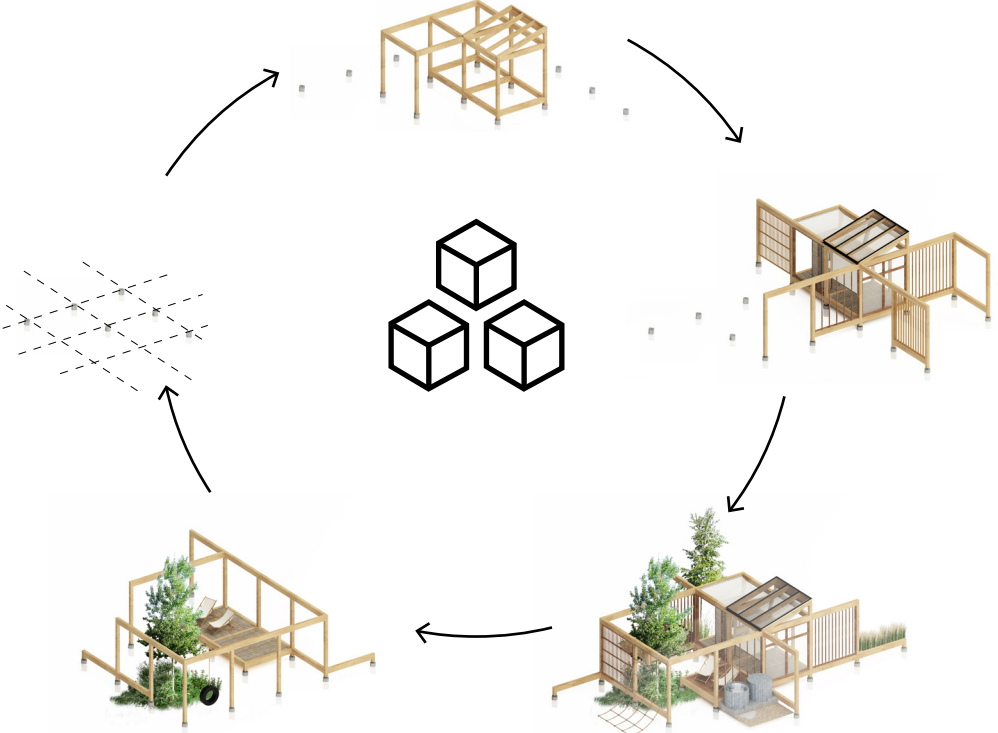
Suburbs

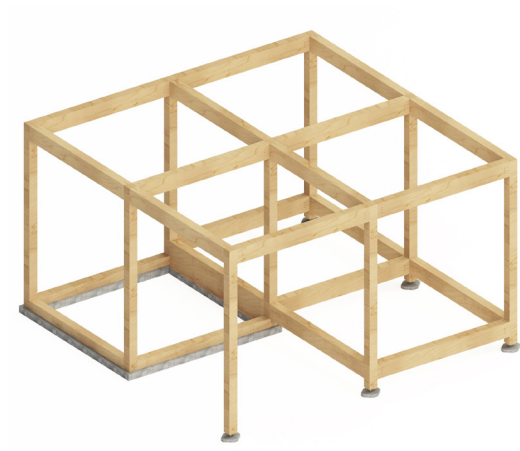
Together



CommonGround

[mapping tool](#) [community](#) [modular system](#) [support](#) [contact](#)





FRAME

+



INFILL

+

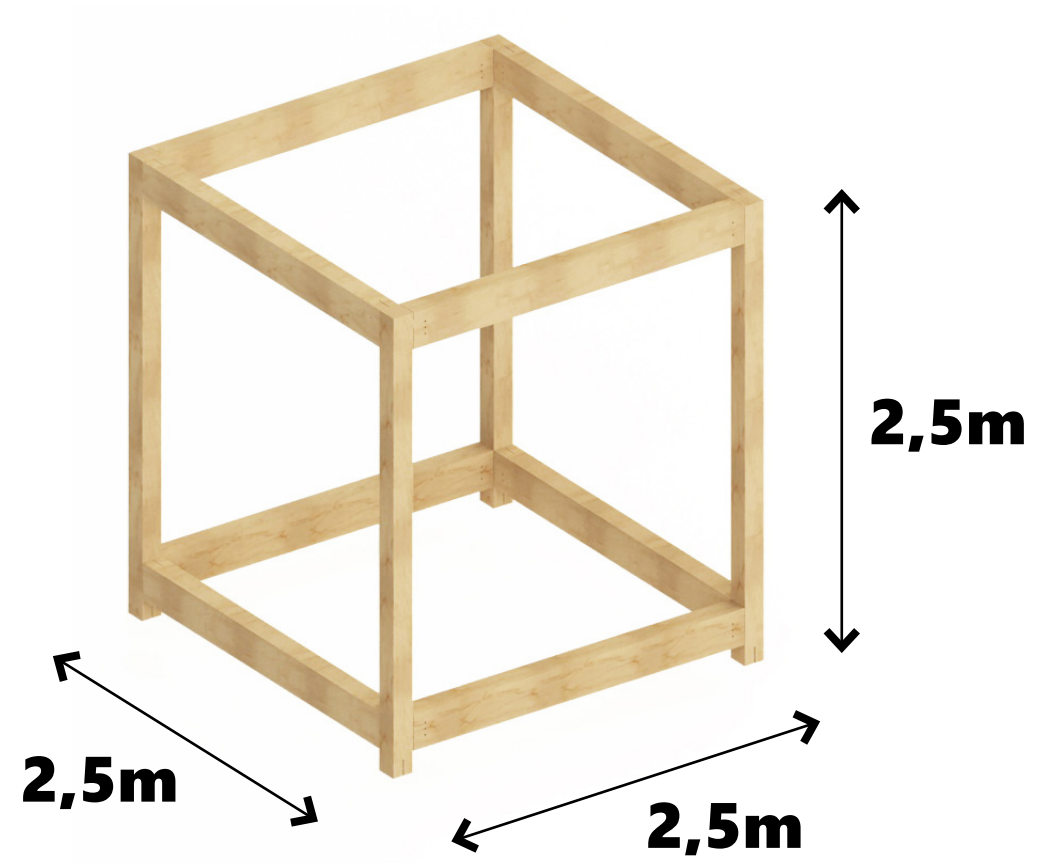


PROGRAM



FRAME

Module



Adjust



Connection



Foundation



Roof

Adjust



Connection

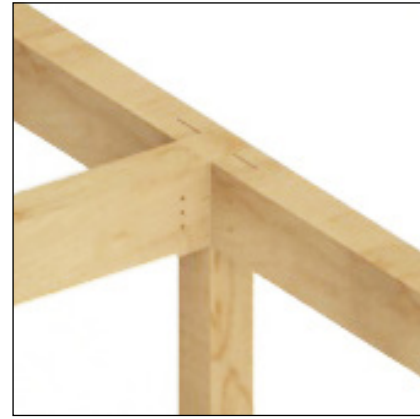
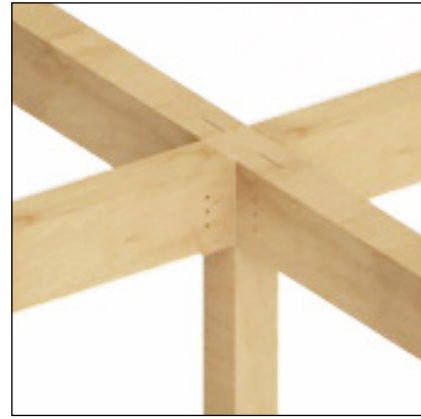


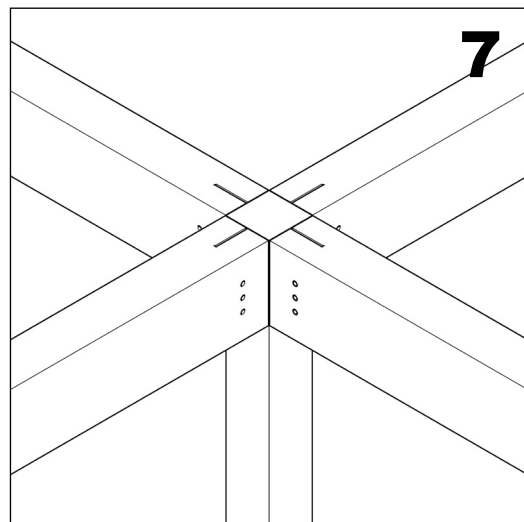
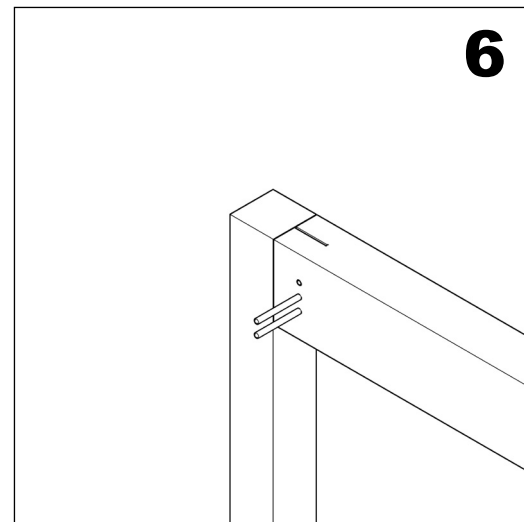
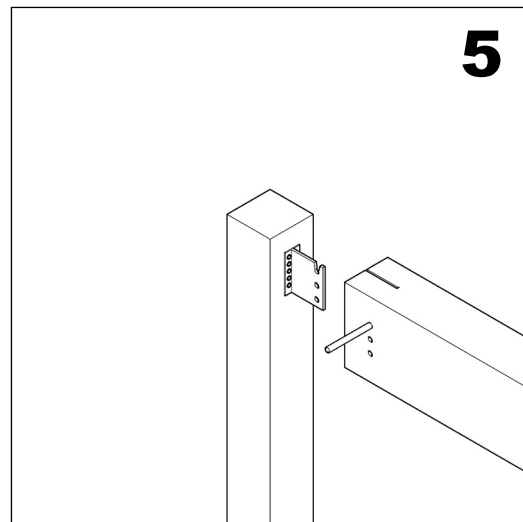
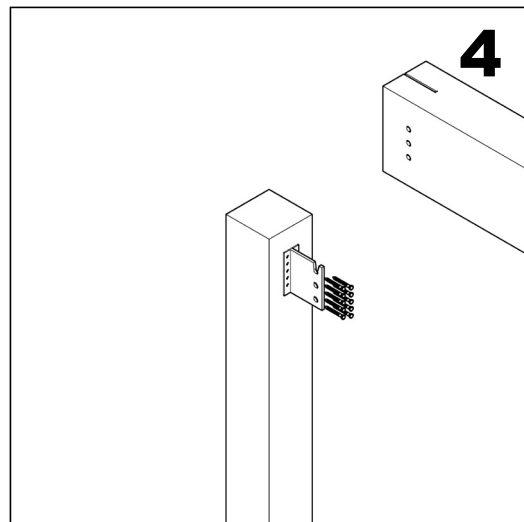
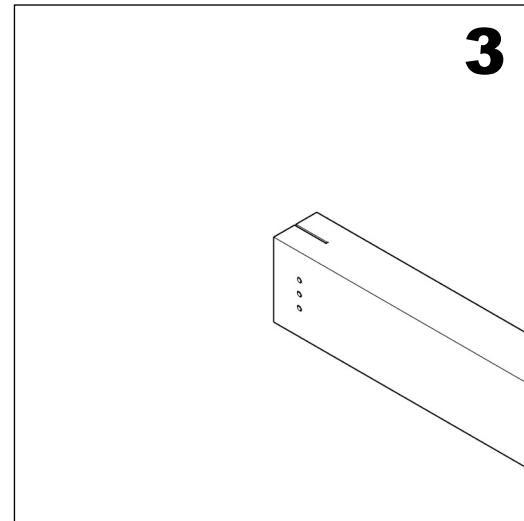
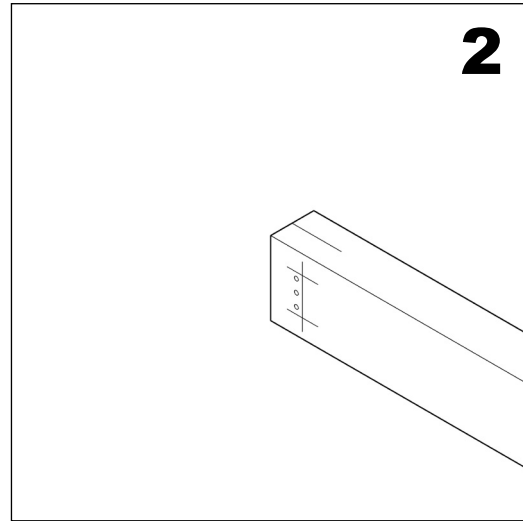
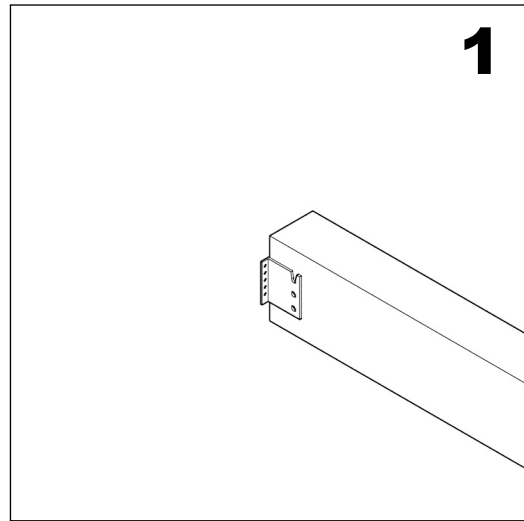
Foundation



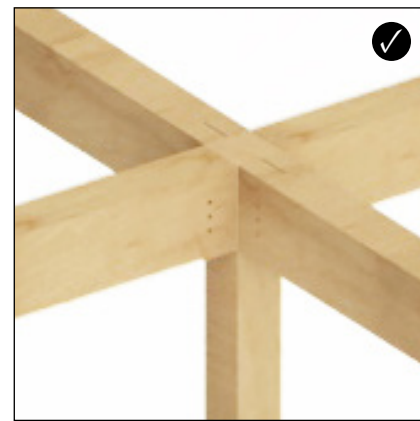
Roof

Connection type





Adjust



Connection



Foundation



Roof

Choose foundation type

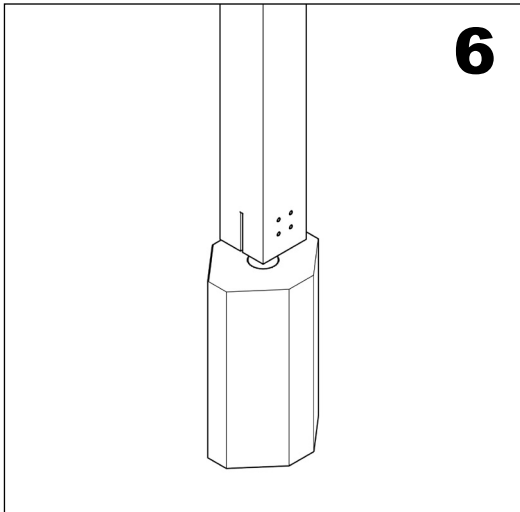
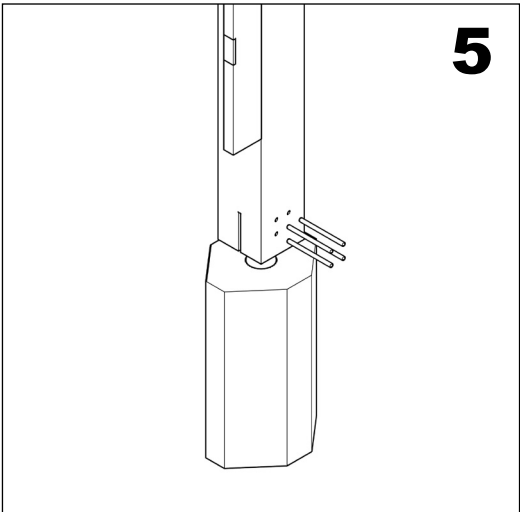
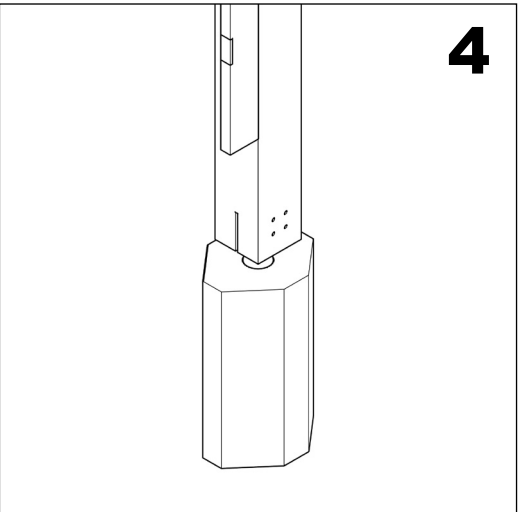
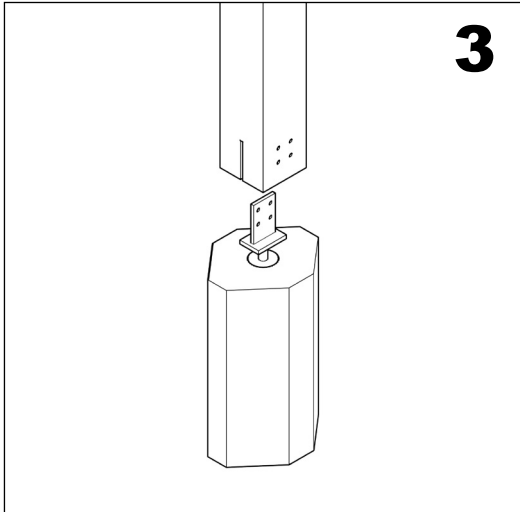
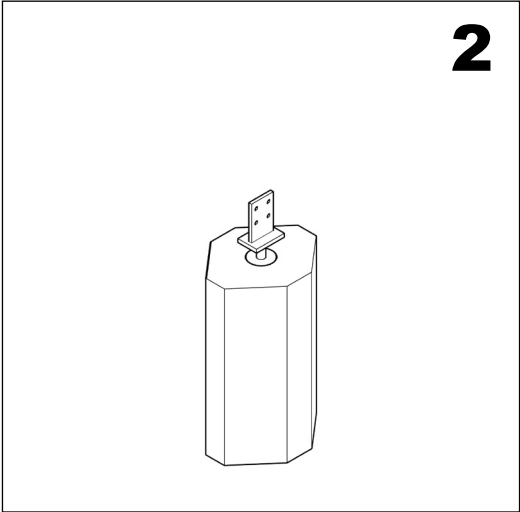
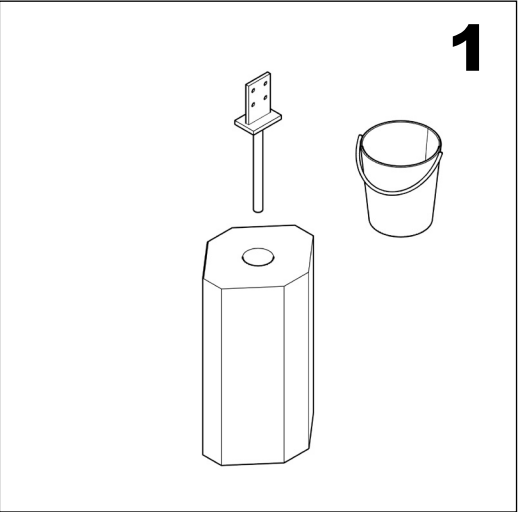
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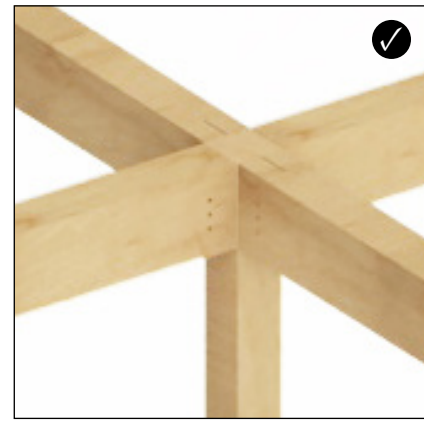
Choose foundation type

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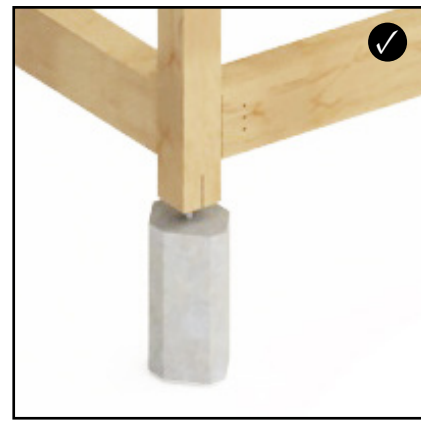




Adjust



Connection



Foundation



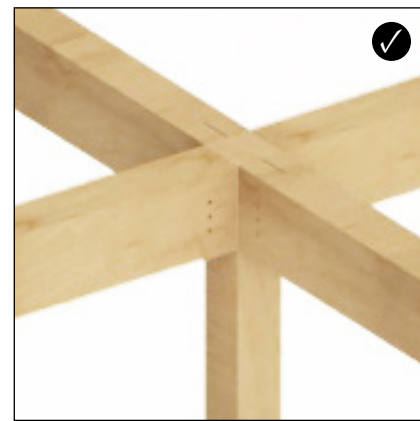
Roof

Choose roof type

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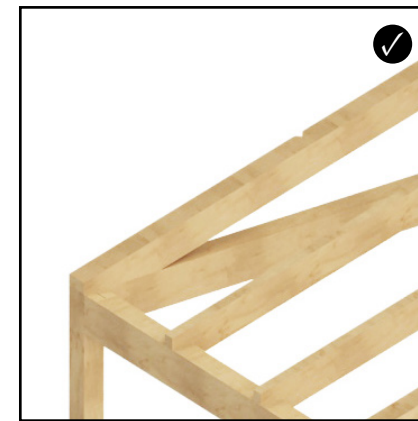
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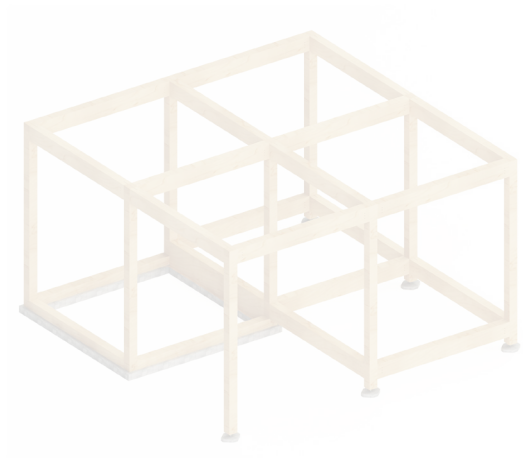
Connection



Foundation



Roof



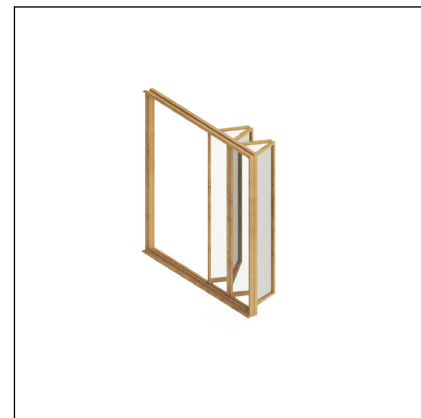
INFILL

Choose infill type

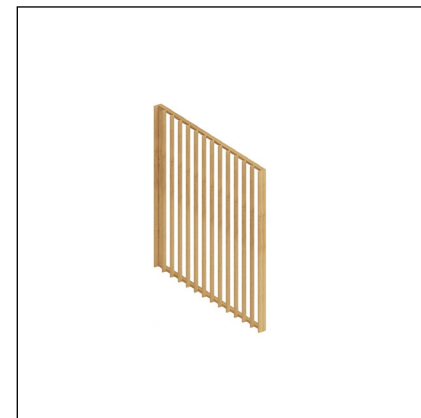
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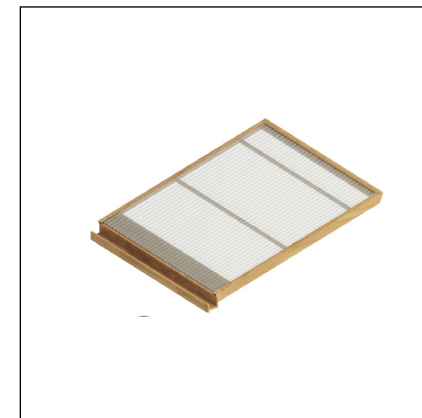
Floors



Windows



Screens

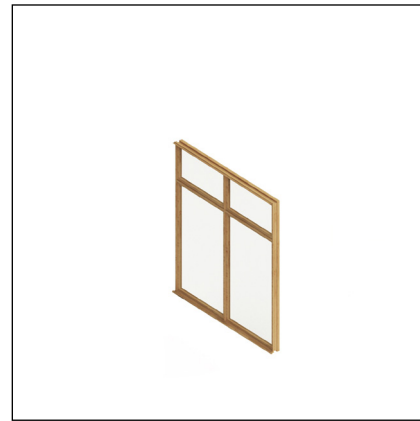
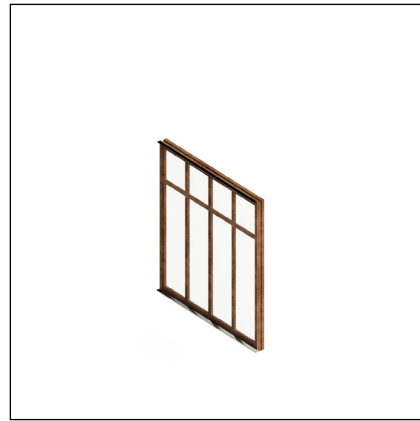
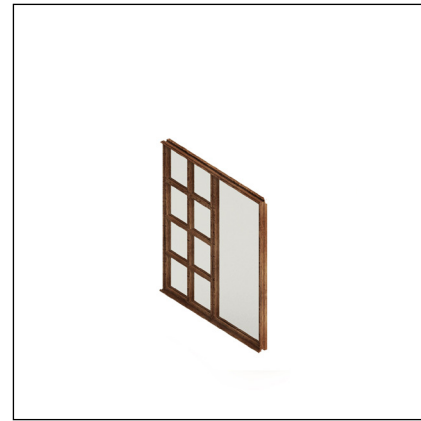
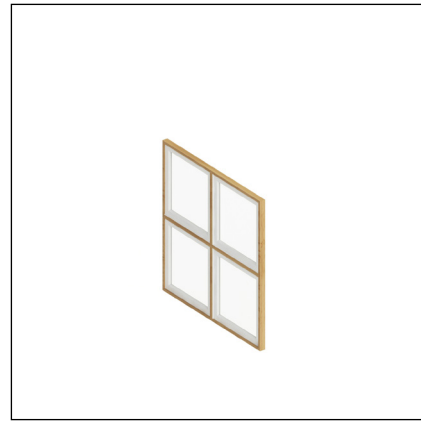
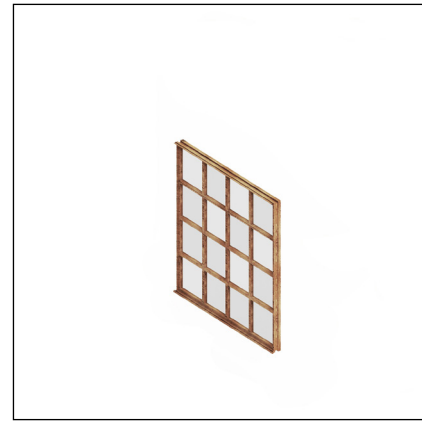
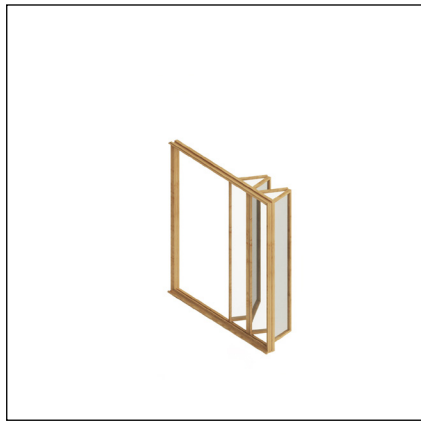


Roofs

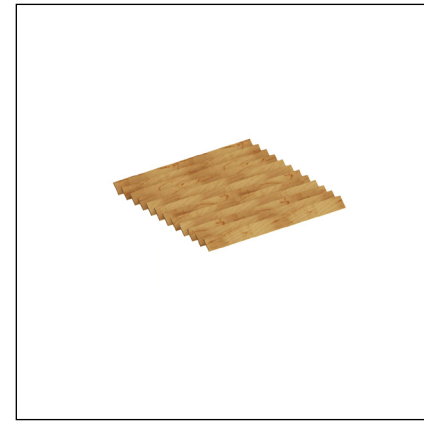
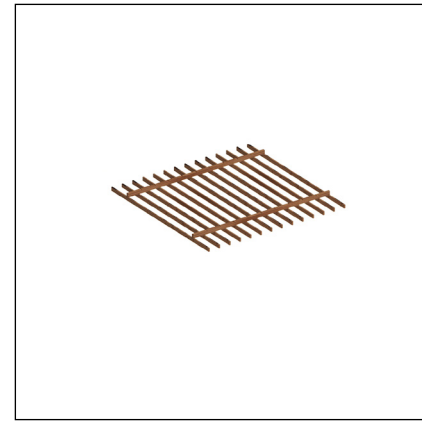
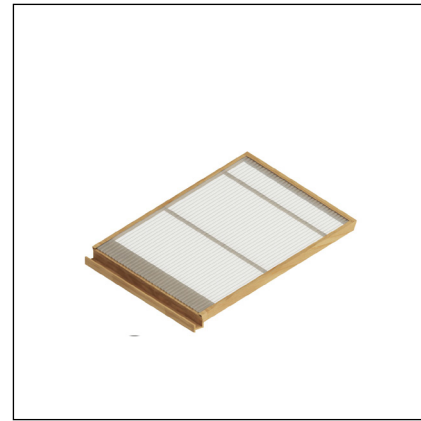
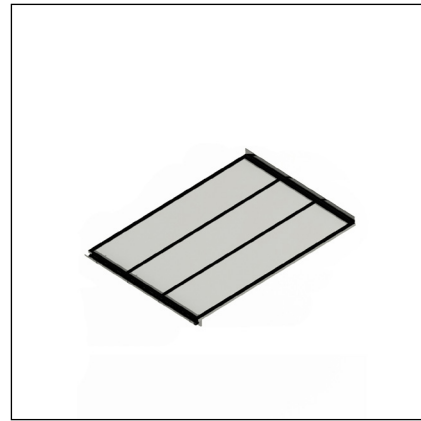
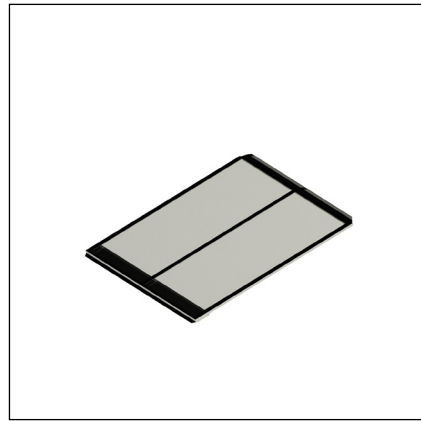
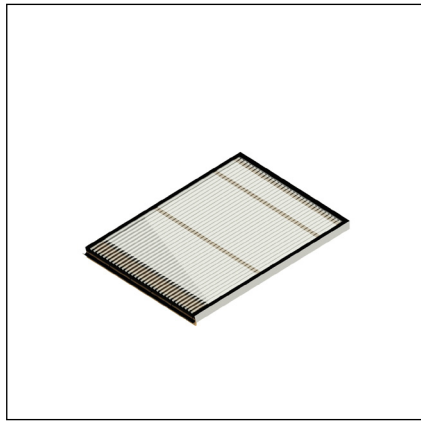
Choose your floor



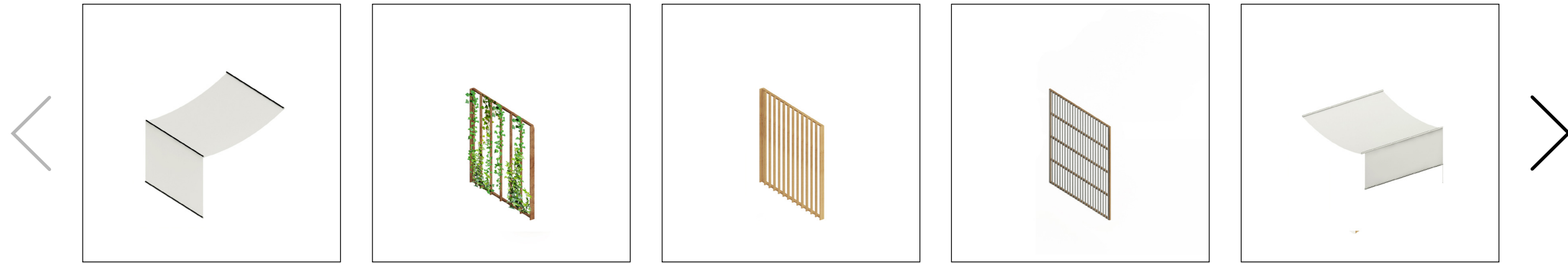
Choose your window



Choose your roof



Choose your screen

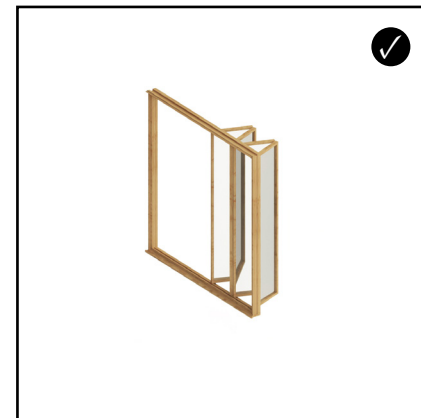


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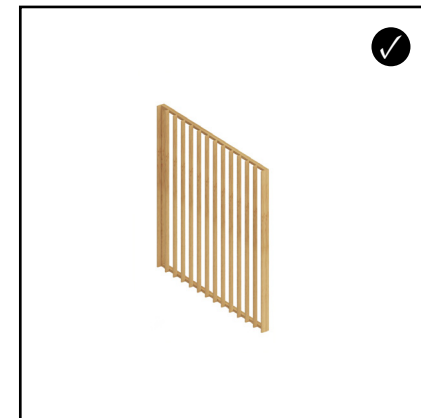
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Floors



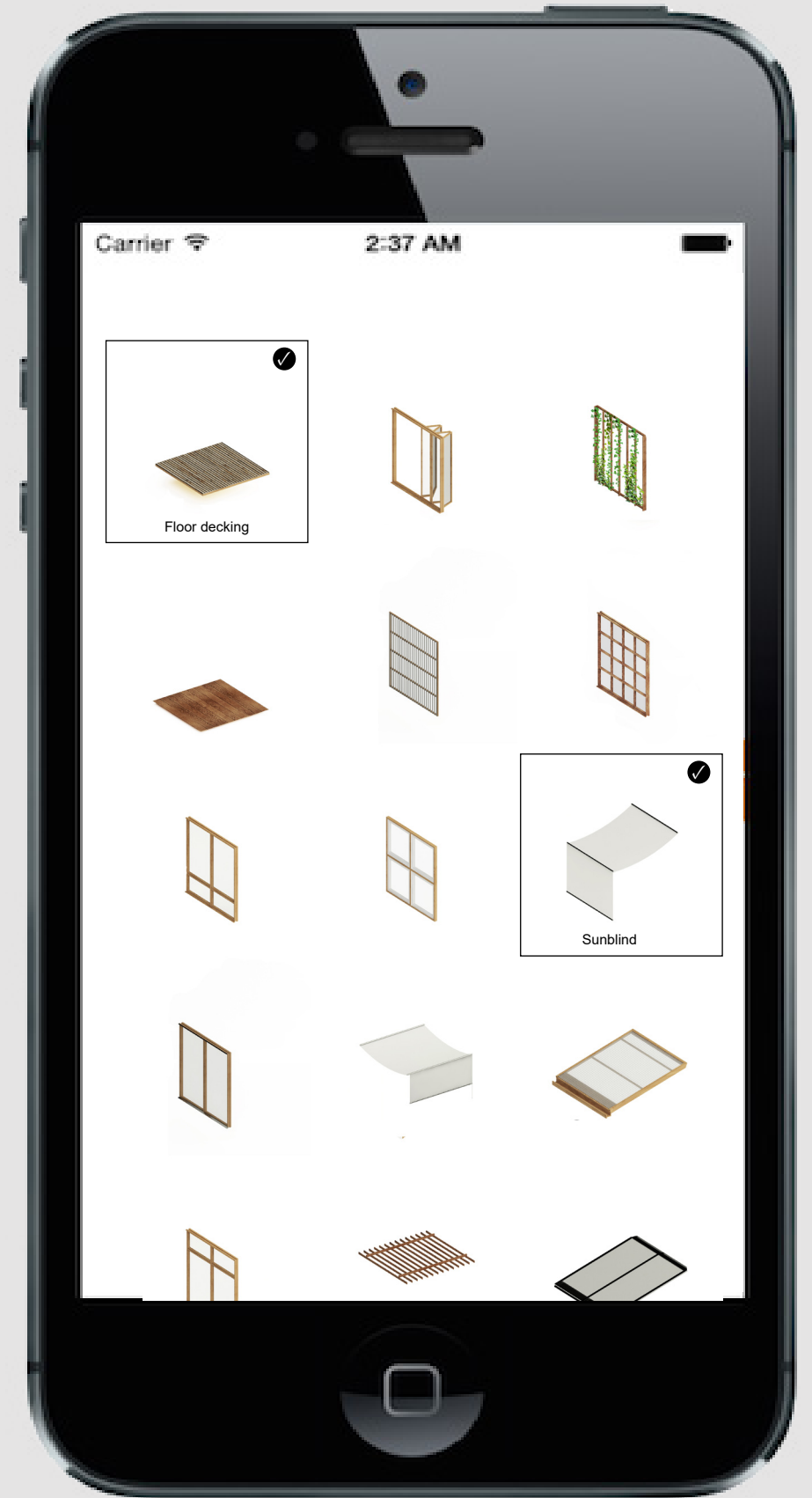
Windows

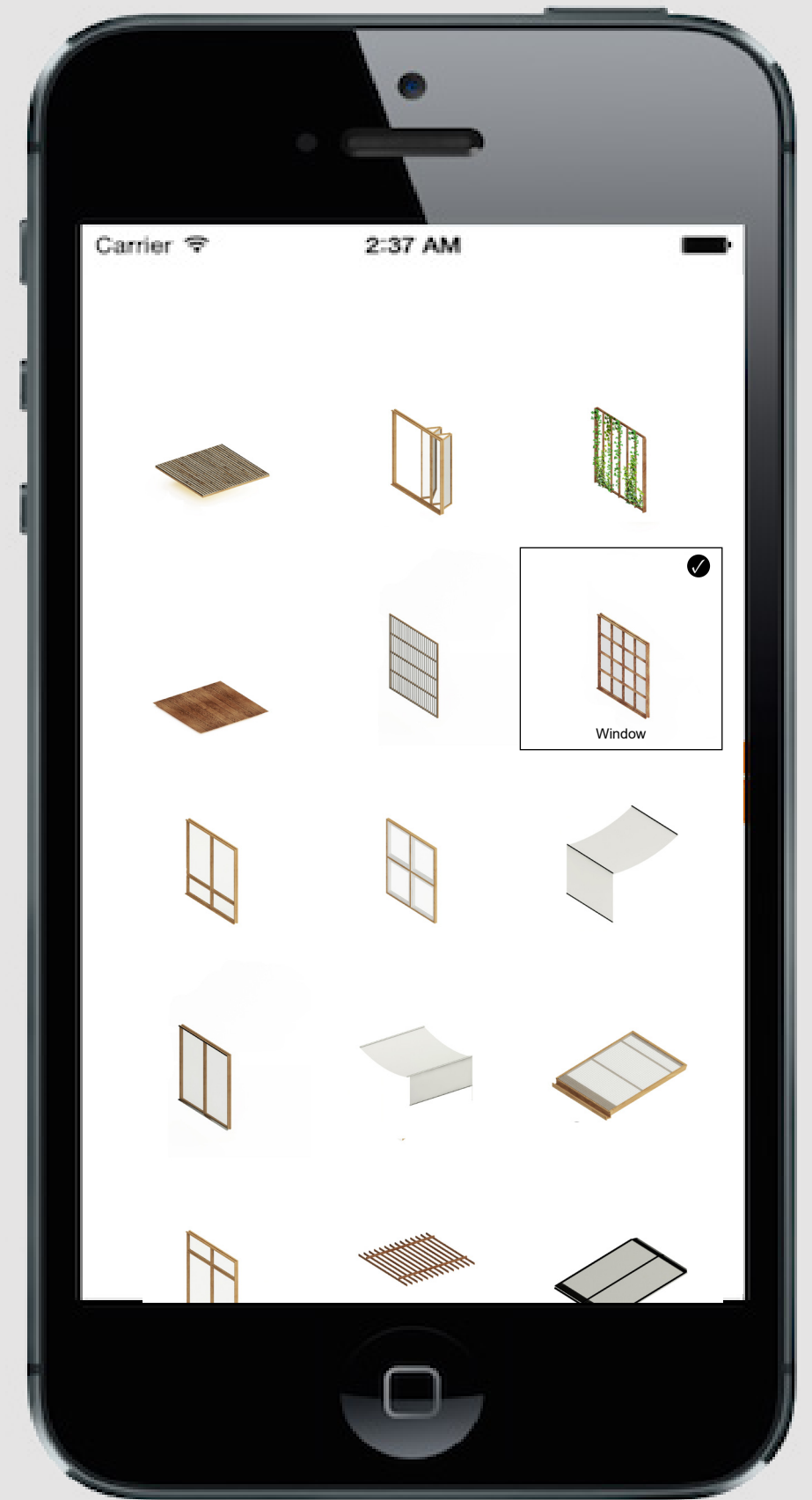
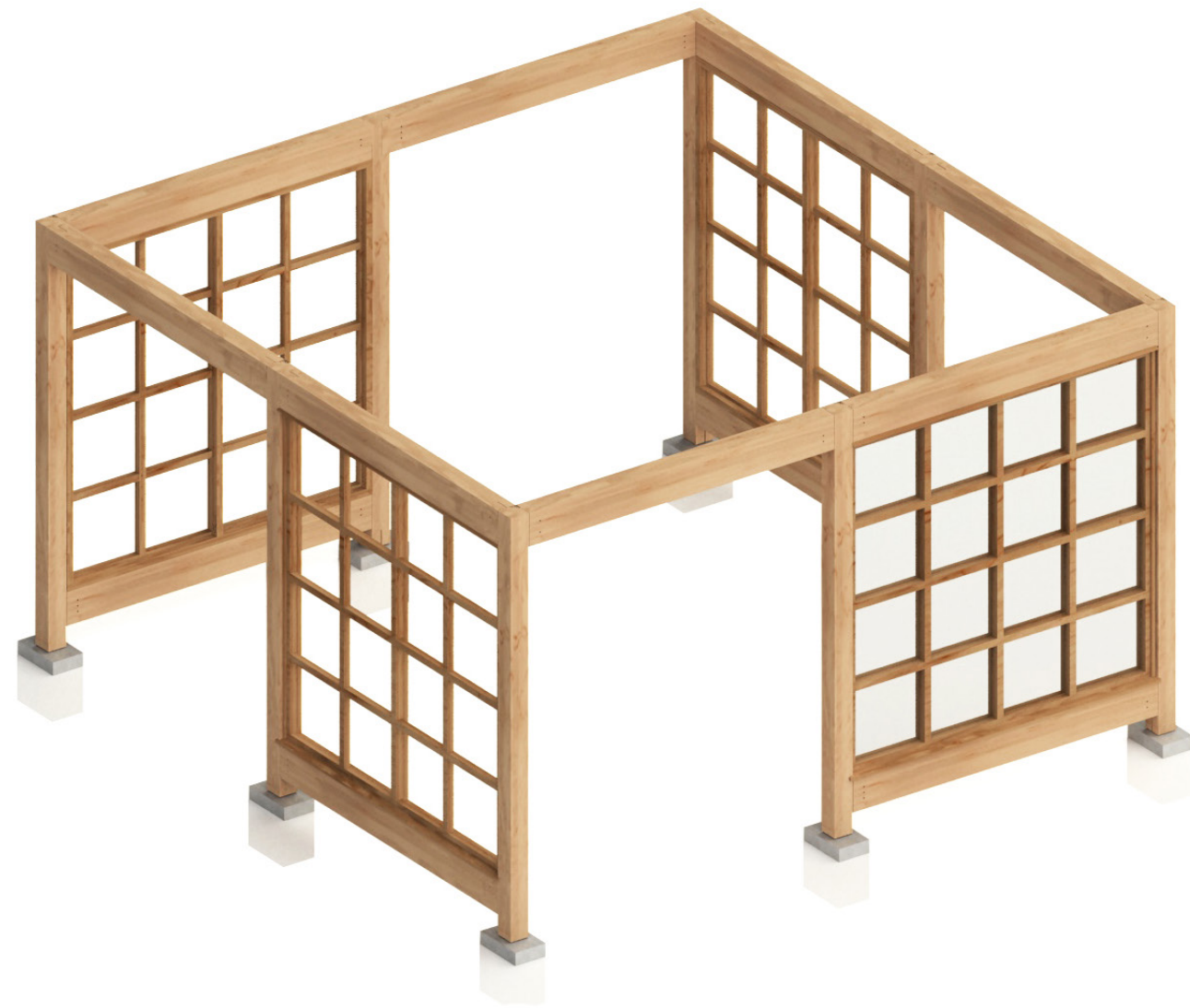


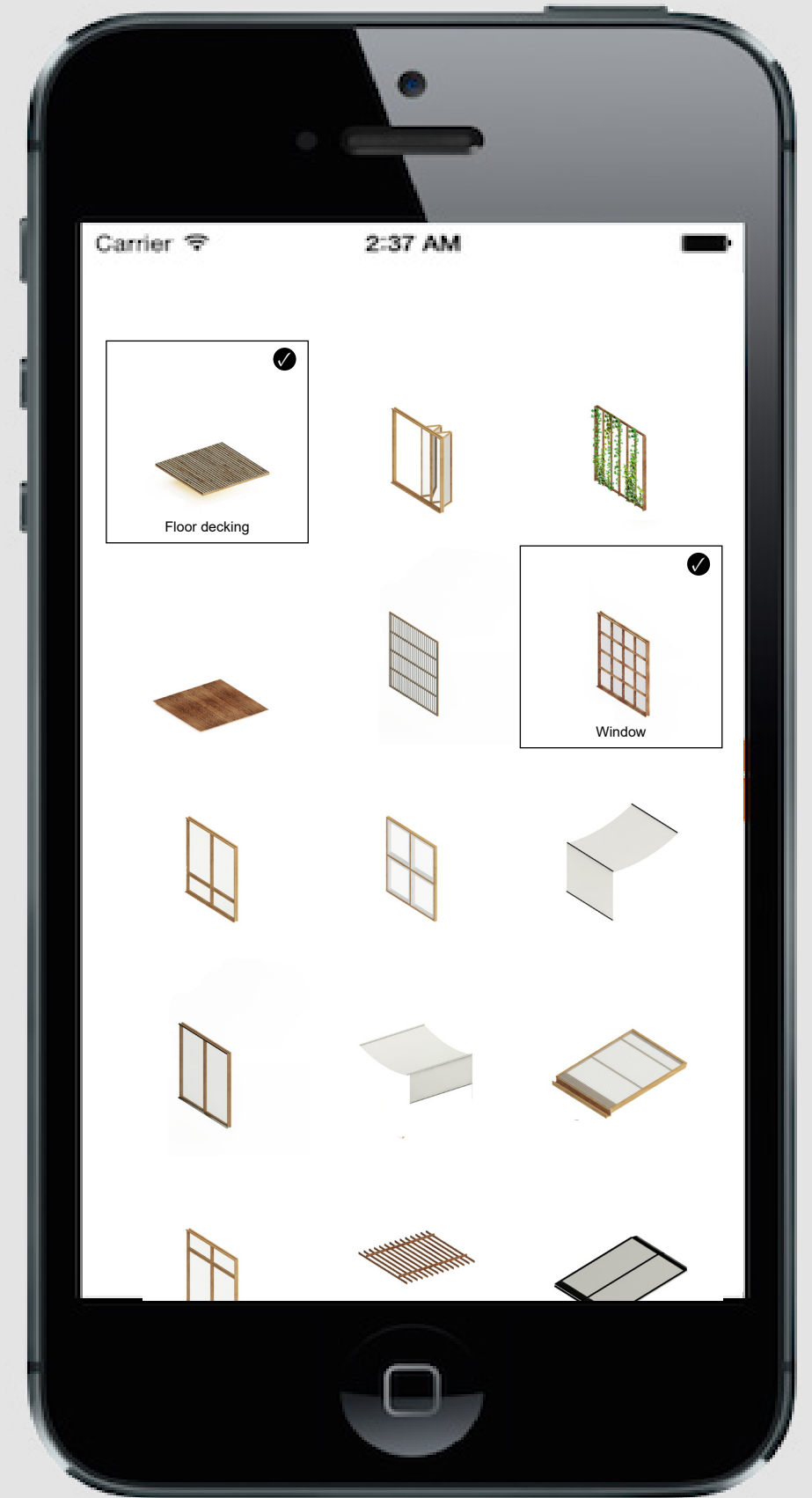
Screens

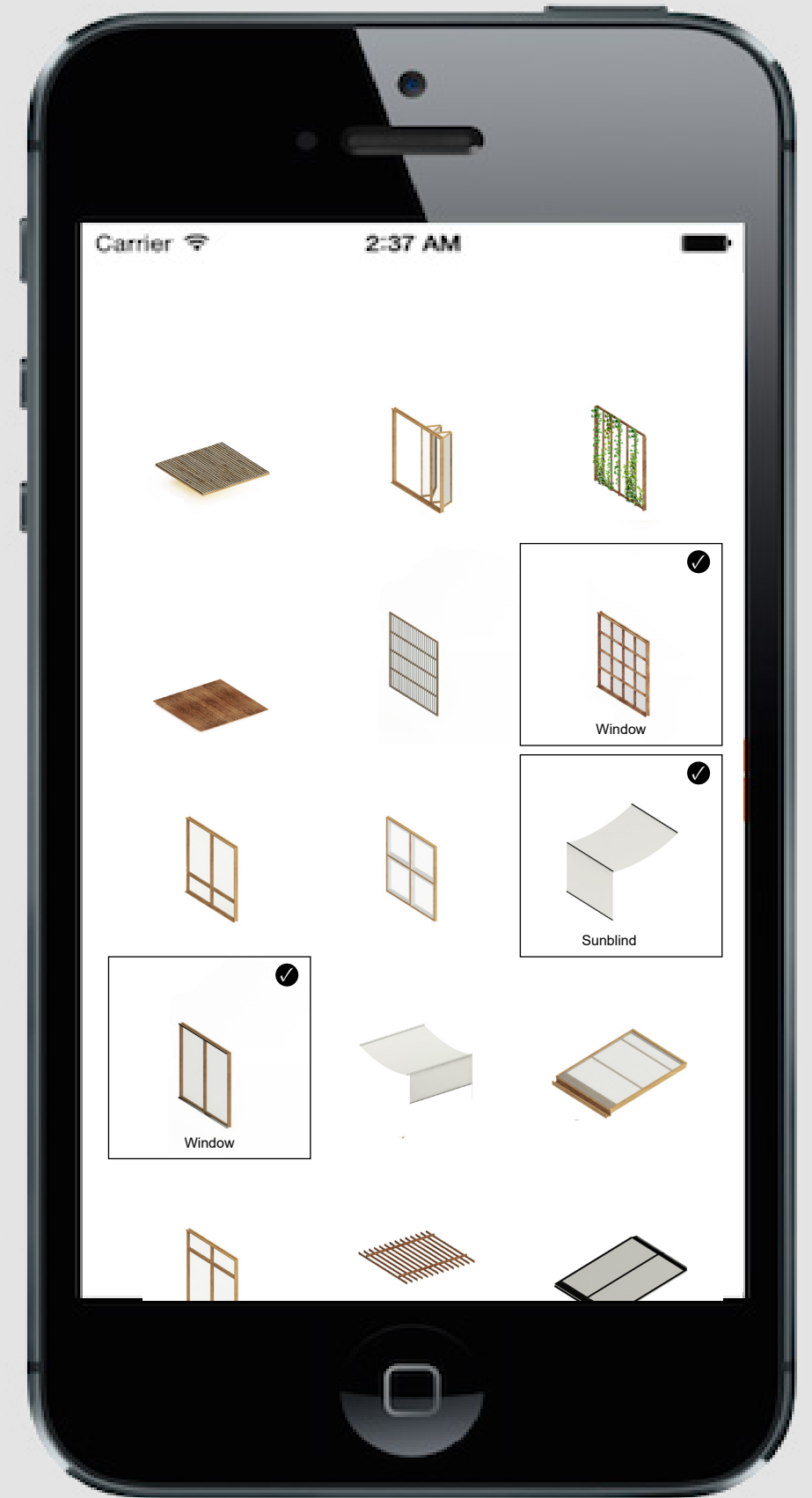


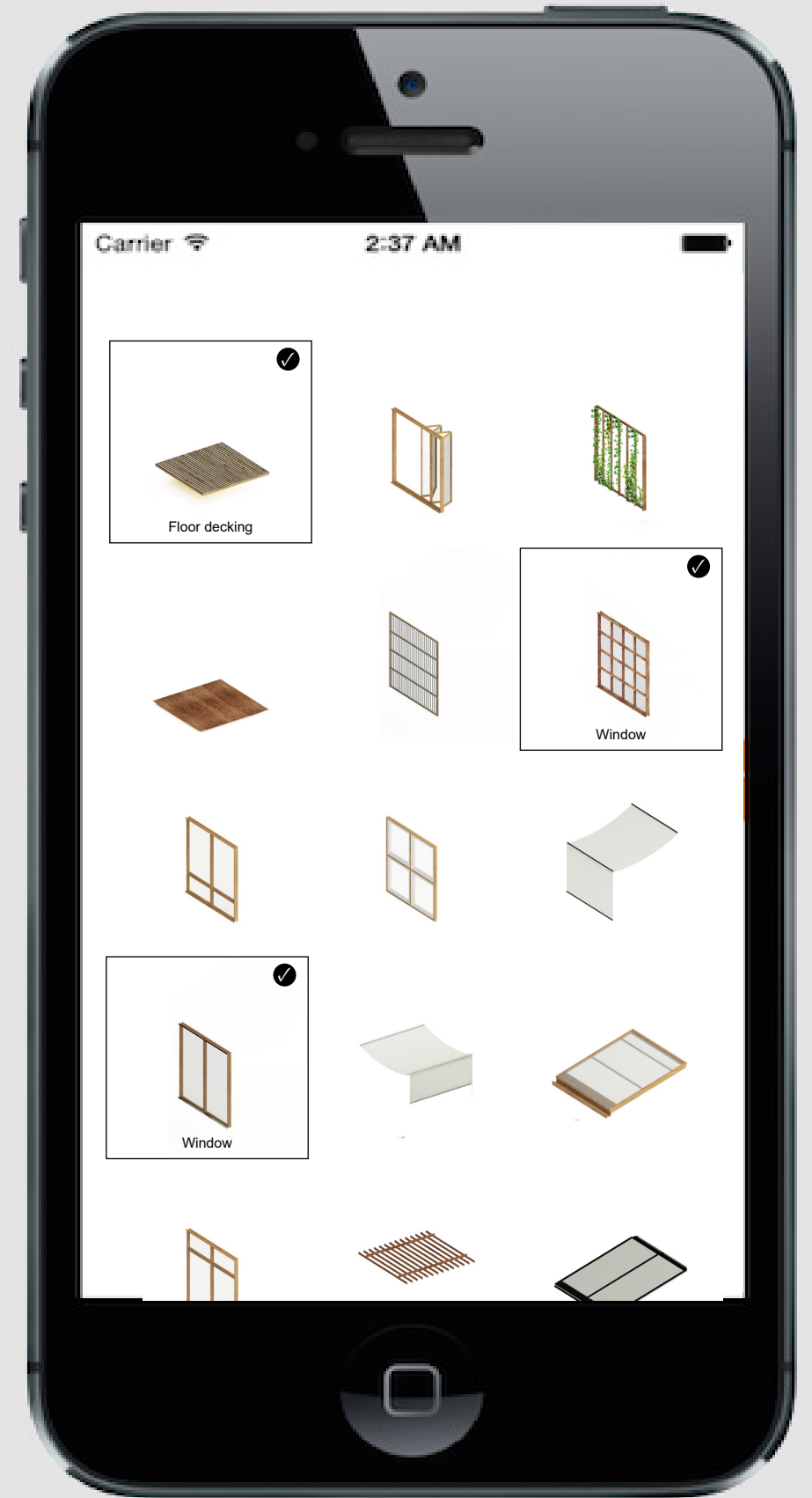
Roofs

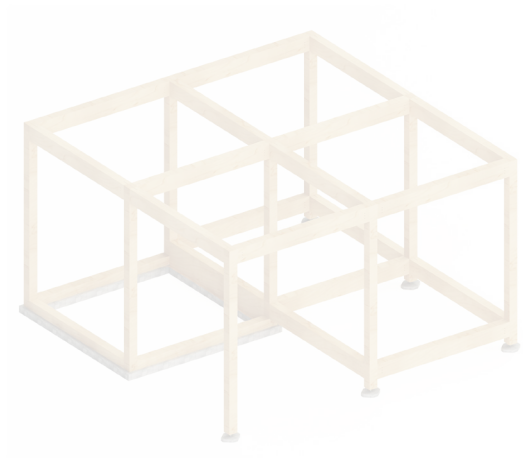








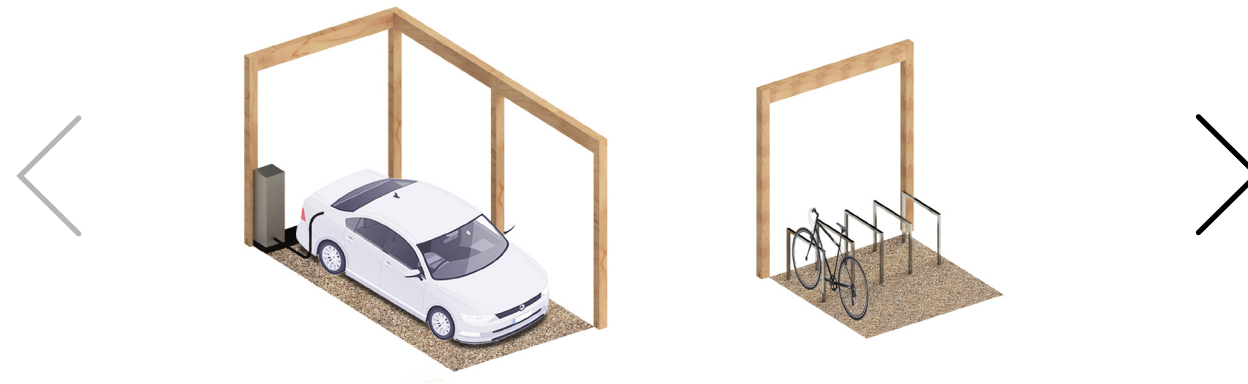




PROGRAM

Choose program type

mobility resoures utility social leisure greenery

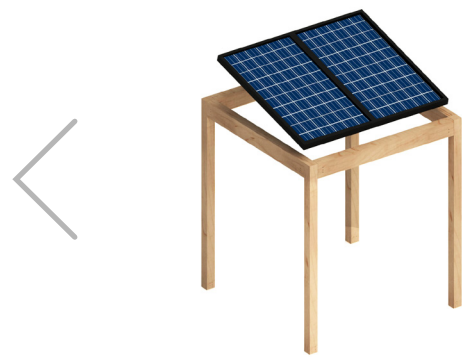


CAR SHARING

PARK&BIKE

Choose program type

mobility **resources** utility social leisure greenery



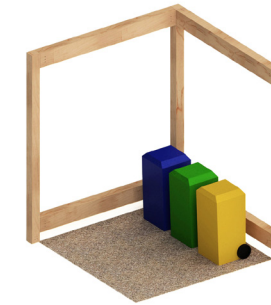
PHOTOVOLTAIC



COMPOST



**RAIN WATER
COLLECTOR**



TRASH & RECYCLE

Choose program type

mobility resoures **utility** social leisure greenery



TOILET



SUMMER KITCHEN



LAUNDRY



Choose program type

mobility resoures utility **social** leisure greenery



COFFEE TABLE



COWORKING



WORKSHOP



MEETING PLACE



Choose program type

mobility resoures utility social **leisure** greenery



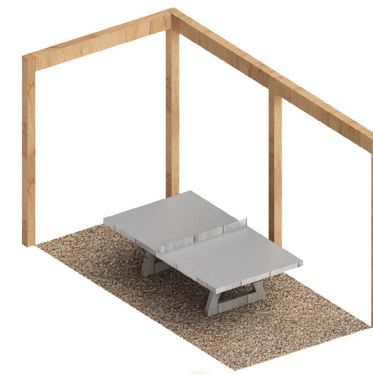
PLAYGROUND



TERRACE



PLAYSCAPE



TENNIS COURT



SAUNA & SPA



Choose program type

mobility resoures utility social leisure **greenery**



KITCHEN GARDEN



FOREST GARDEN



POND



TREE



FLOWER POT



AQUAPONICS



Circular and collective







FRAME

+



INFILL

+



PROGRAM

Catalogue of examples



OPEN TERRACE



COLLECTIVE DINNING



COWORKING SPACE



SUNBATH FRONT



GREEN SQUARE



COMMON AQUAPONICS



GREENHOUSE



OPEN CHILLOUT ZONE



NICHE



OPEN SPACE

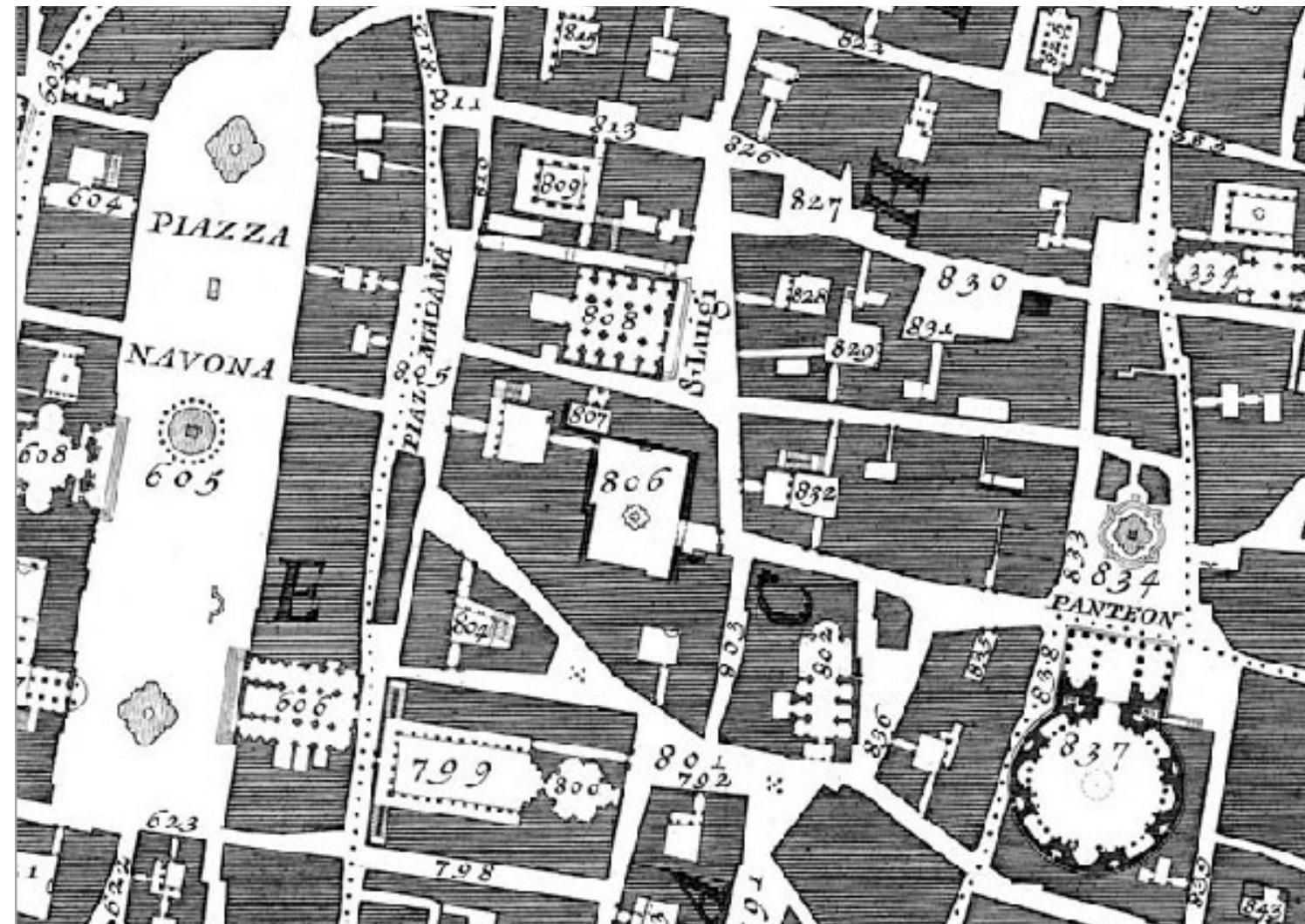


GARDEN SHED

?

Catalogue of examples









in between houses



in front of the street



in the back of the gardens



SQUARE
in between houses



POCKET
in front of the street



NET
in the back of the gardens



SQUARE



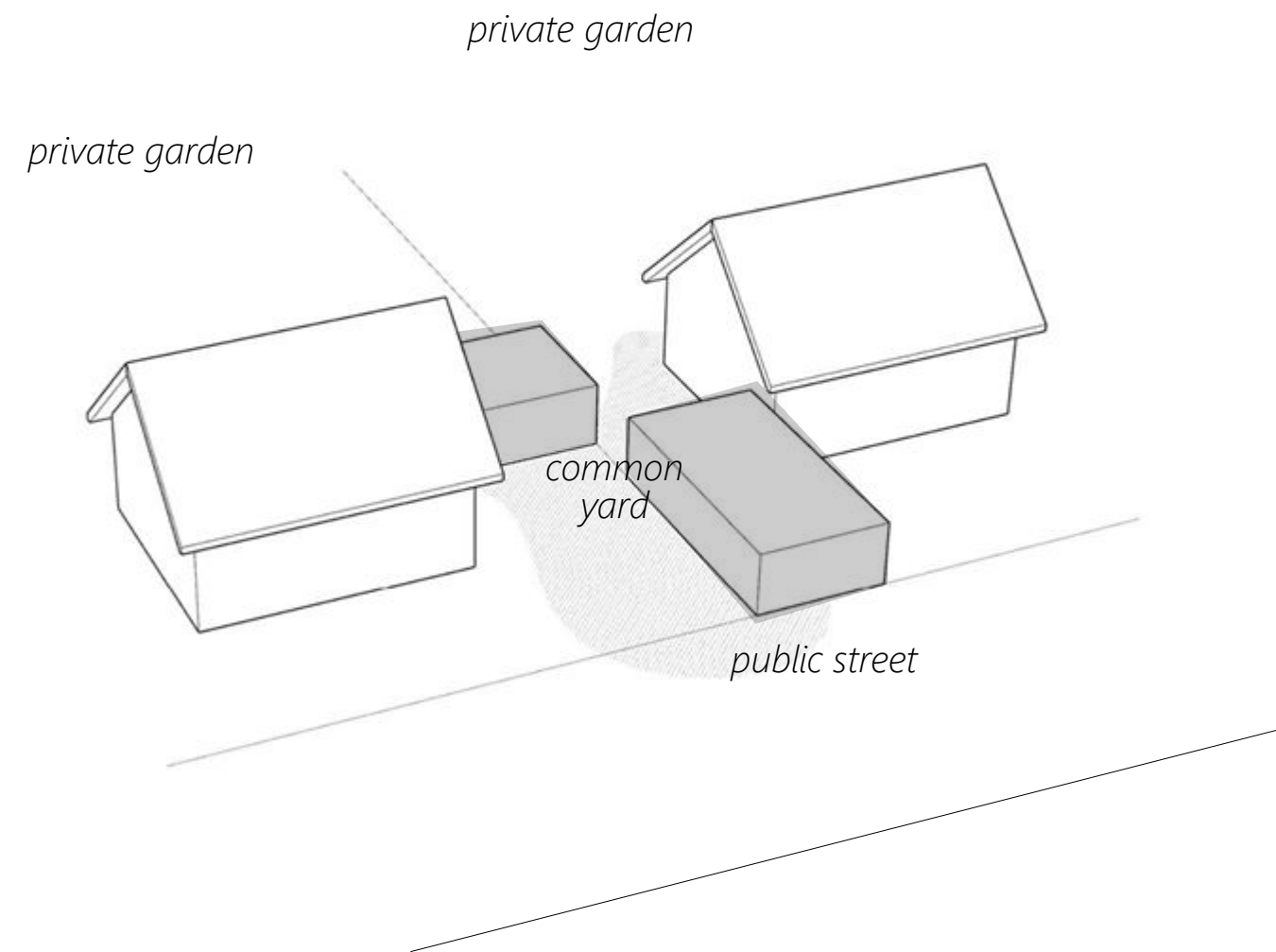
POCKET

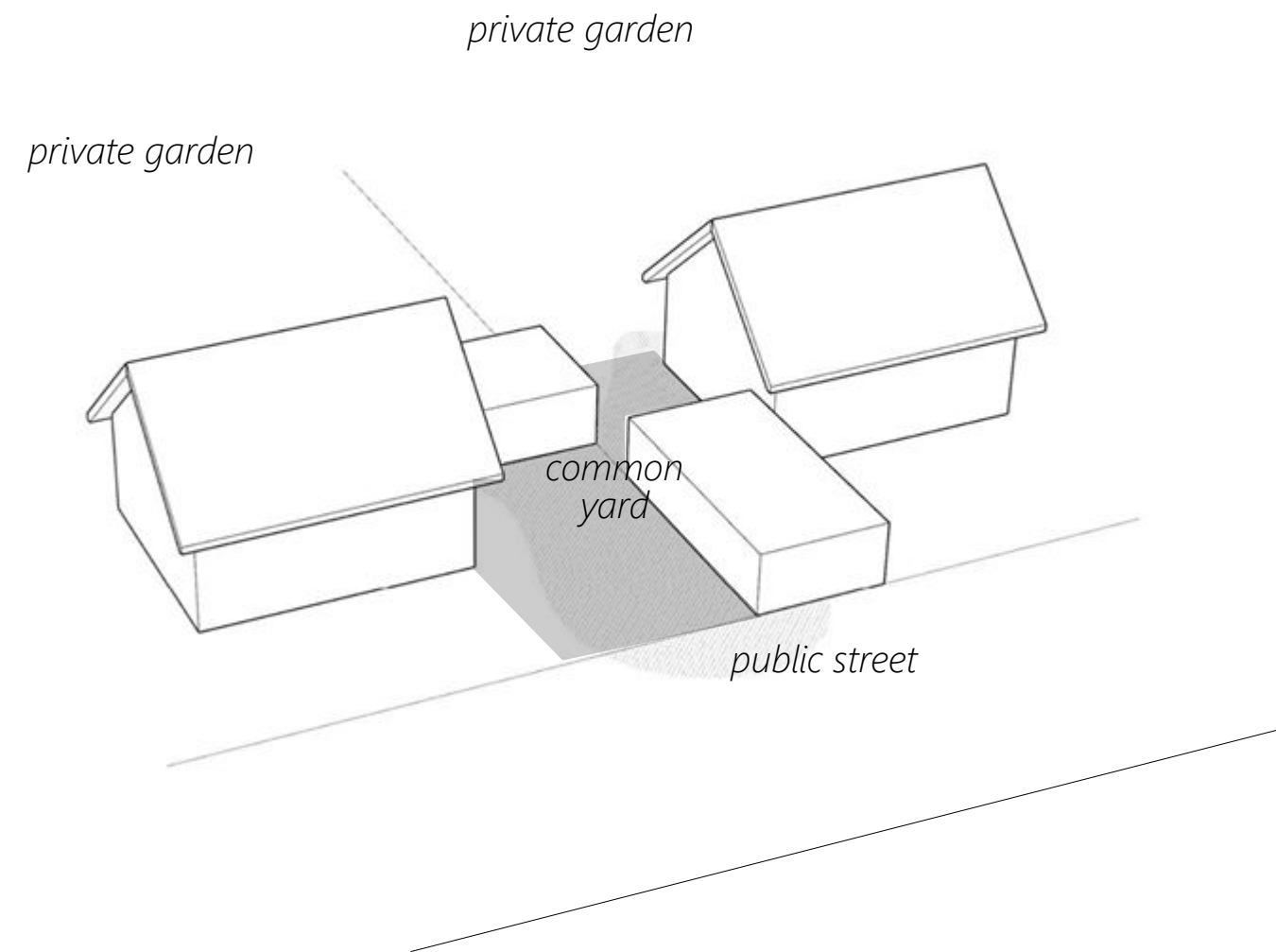


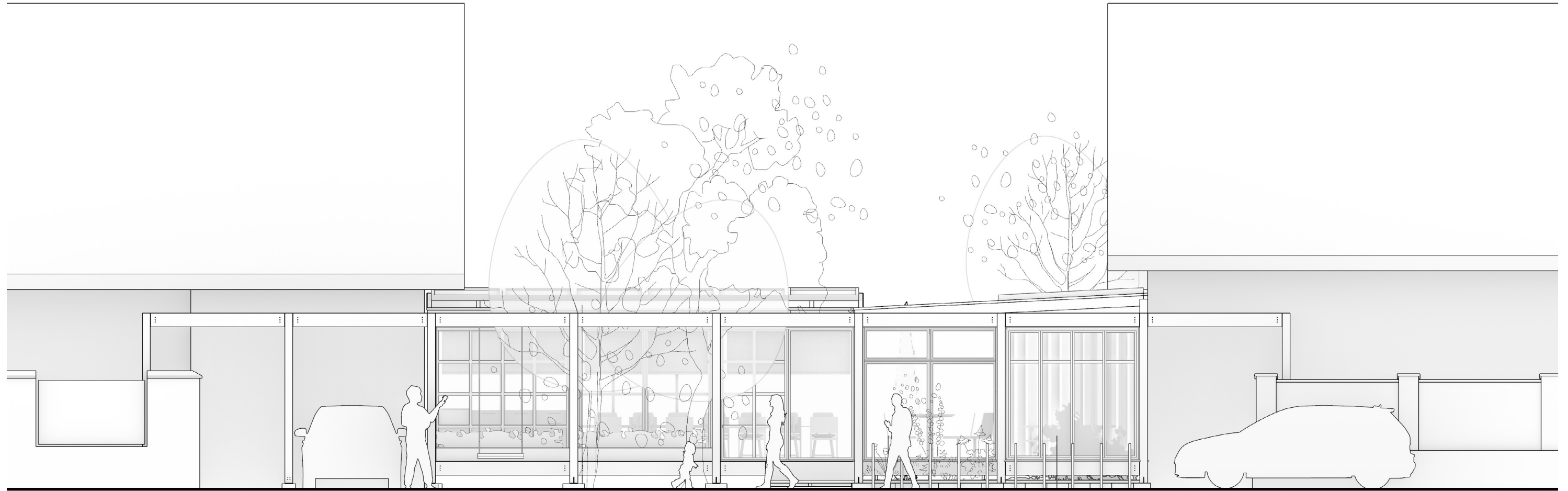
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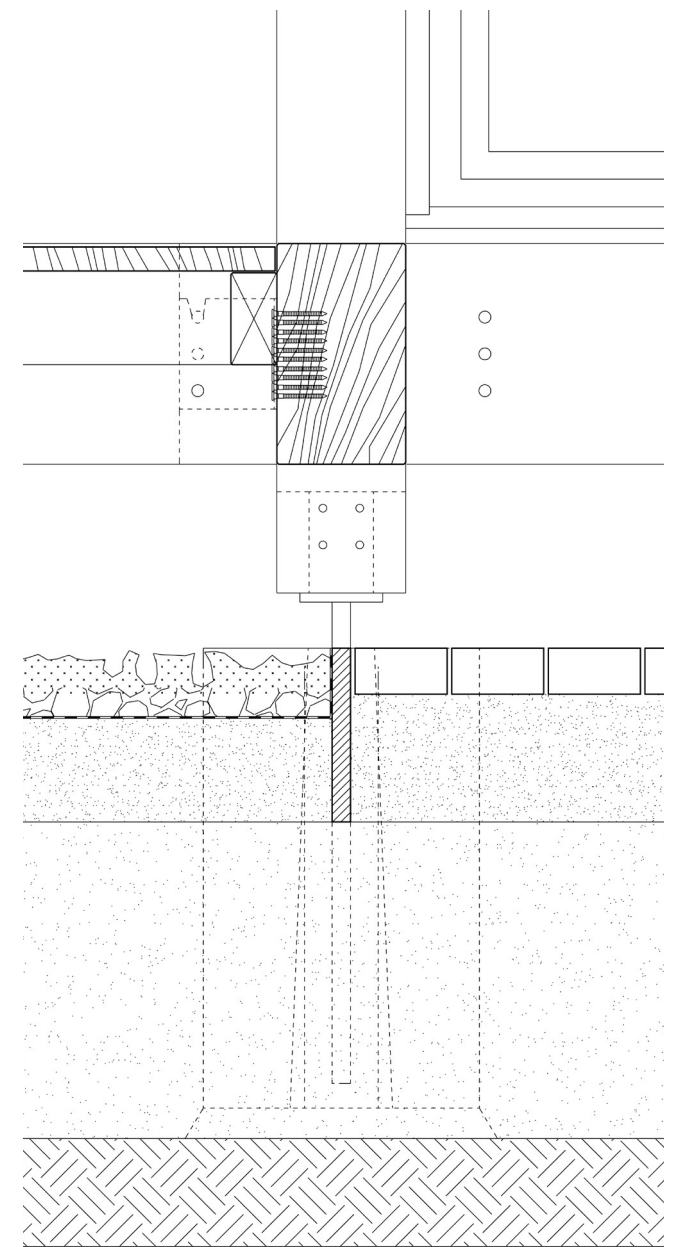
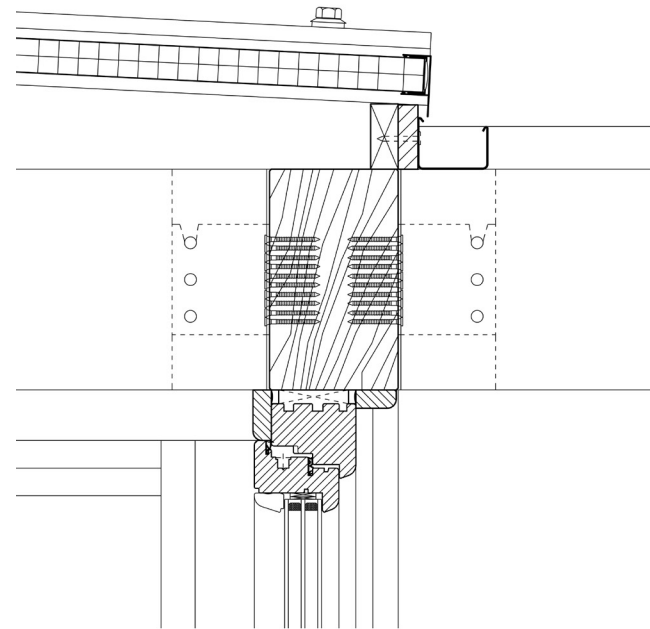
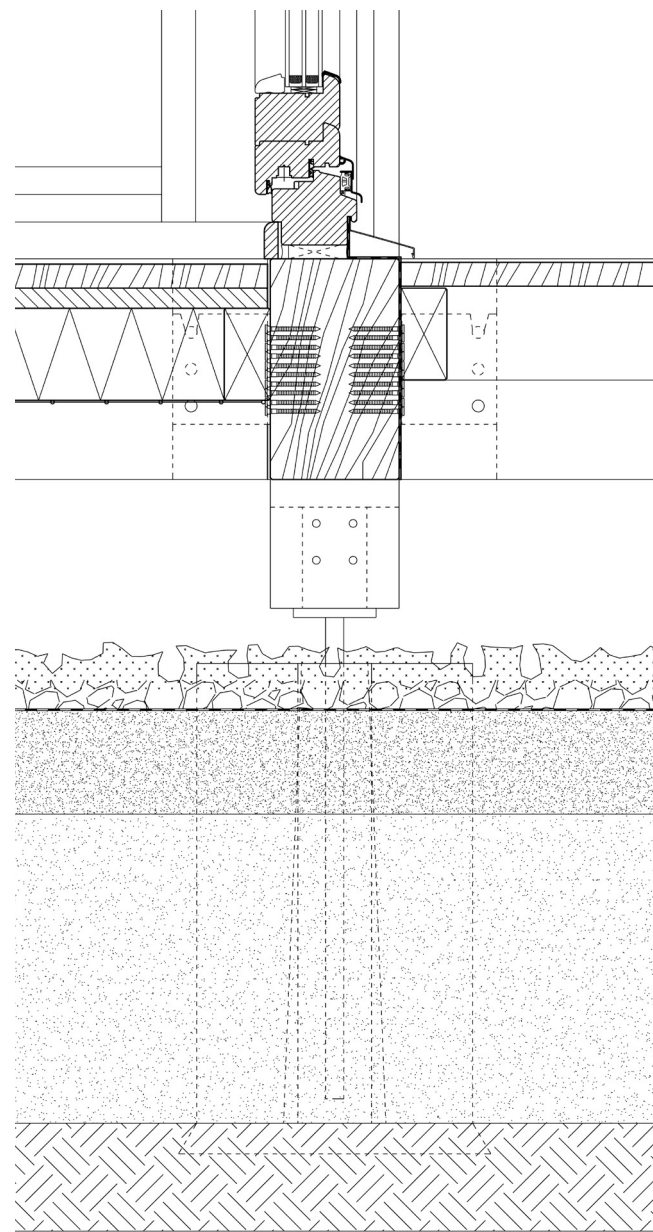
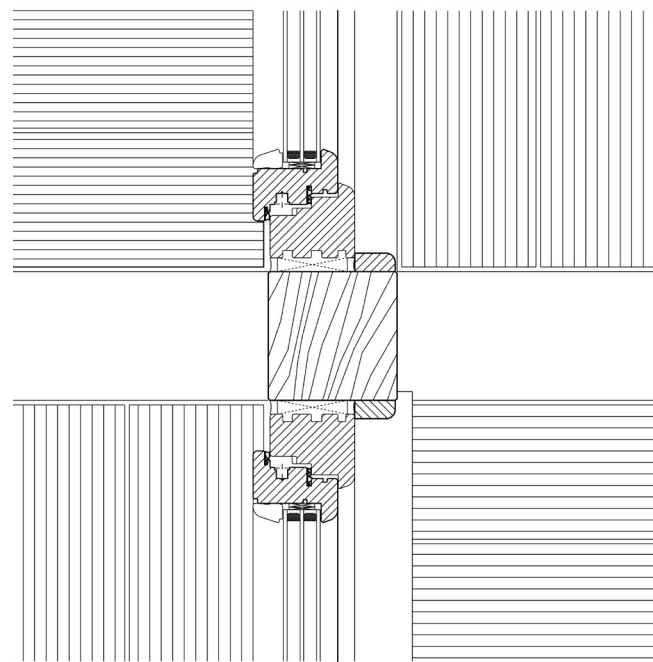


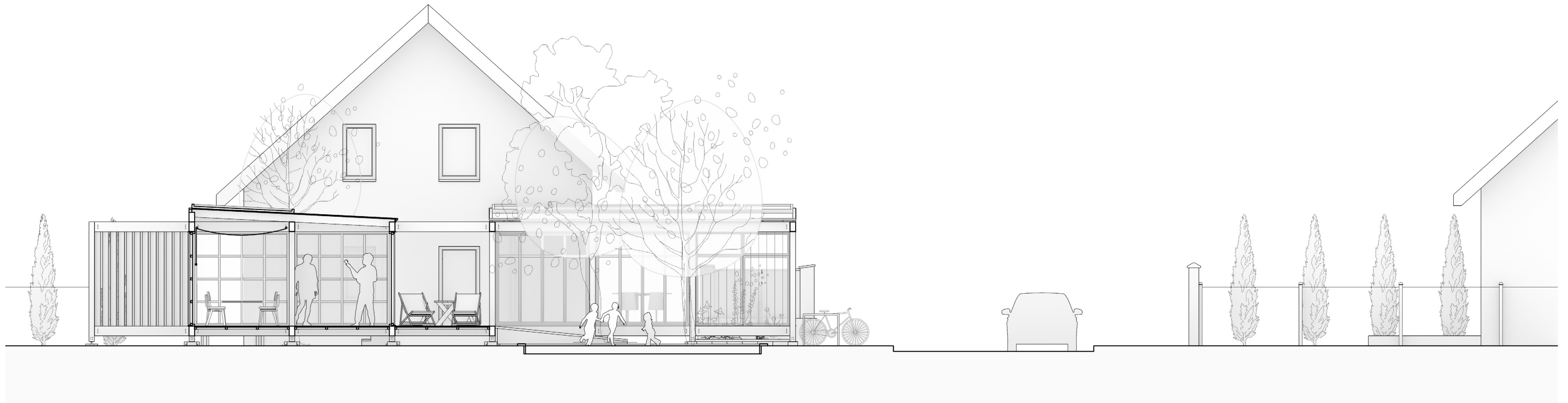




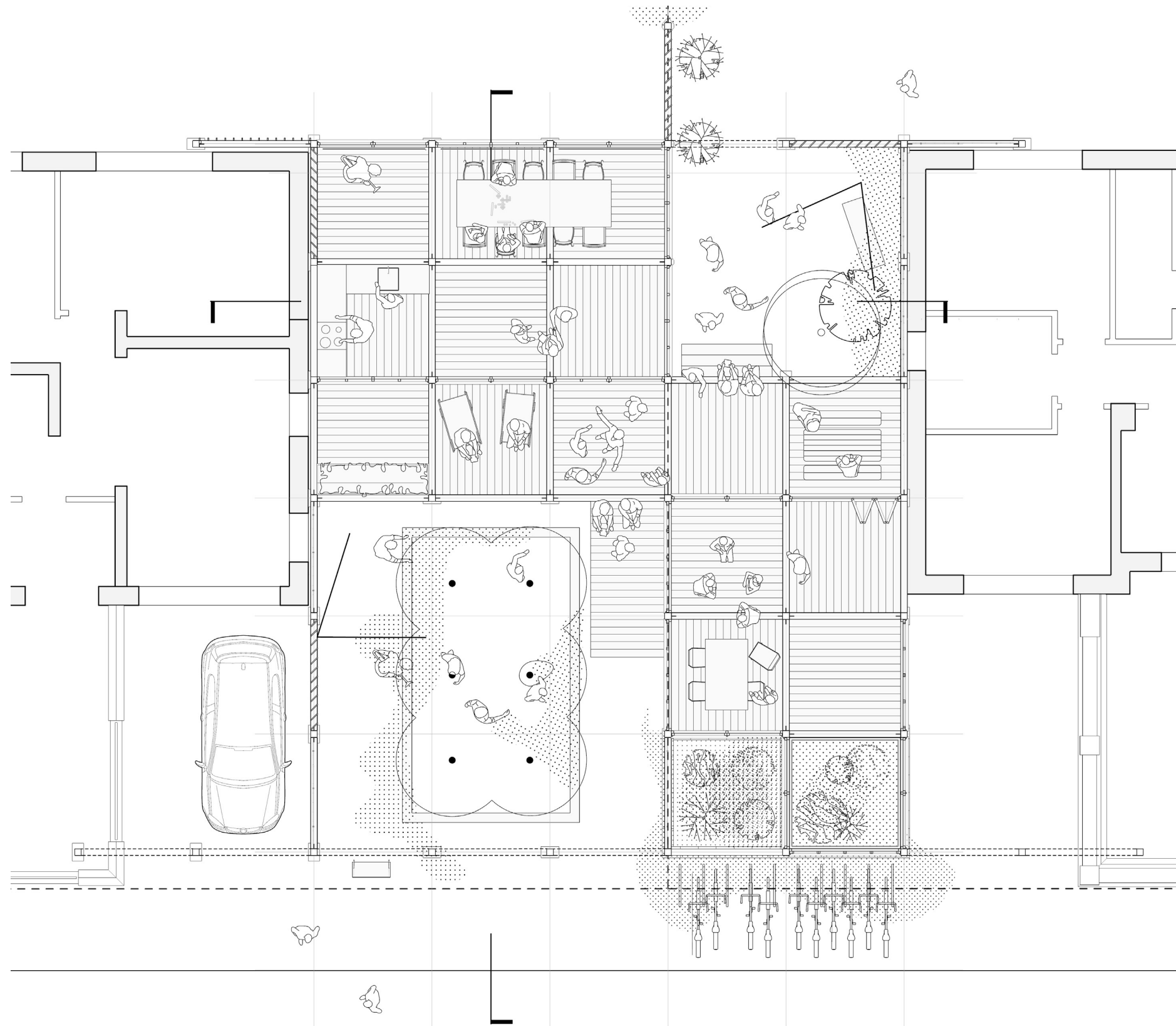
















SQUARE



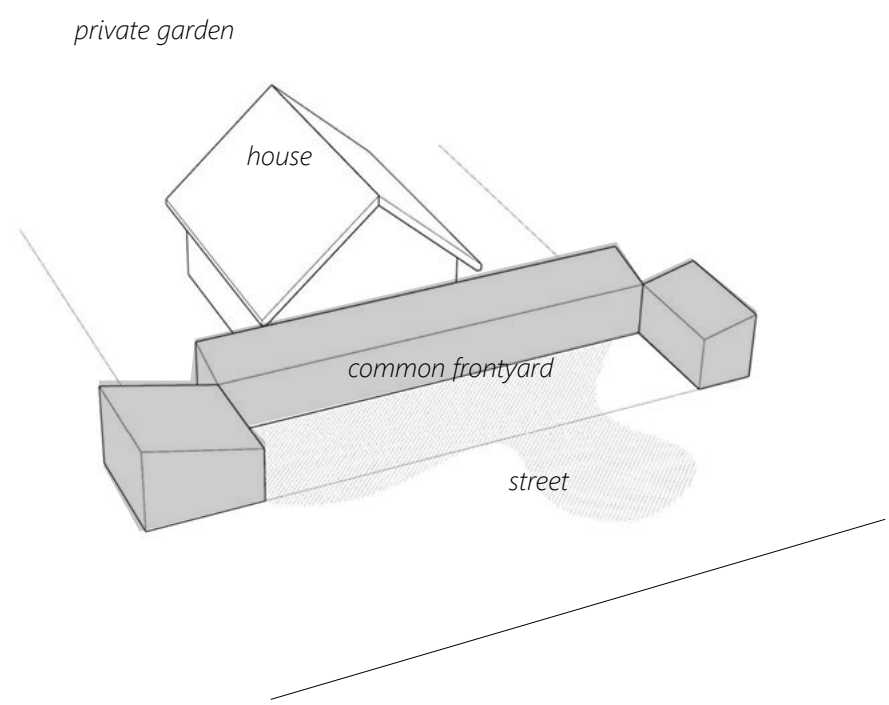
POCKET

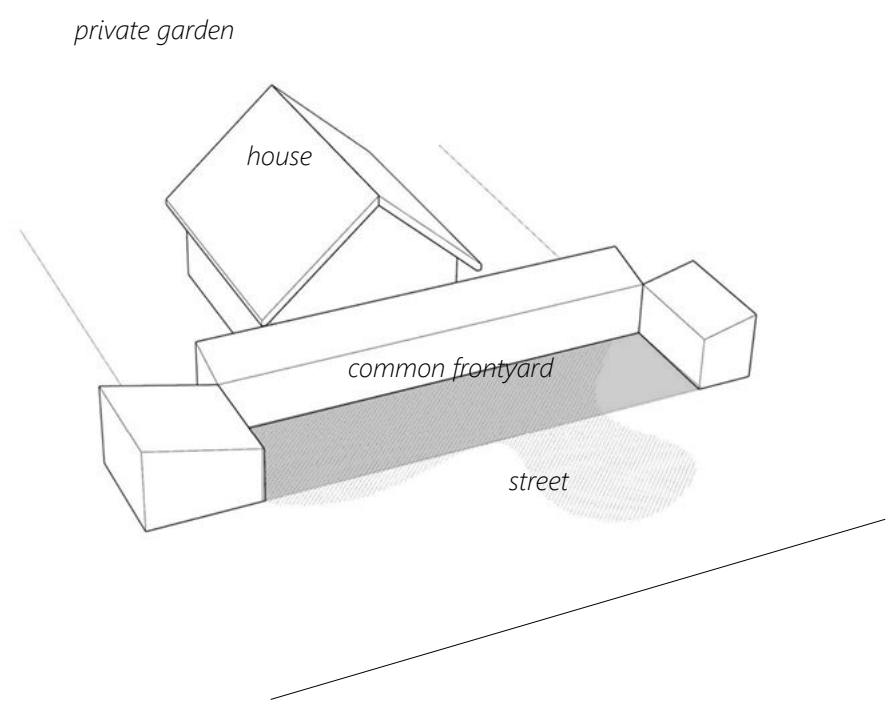


NET

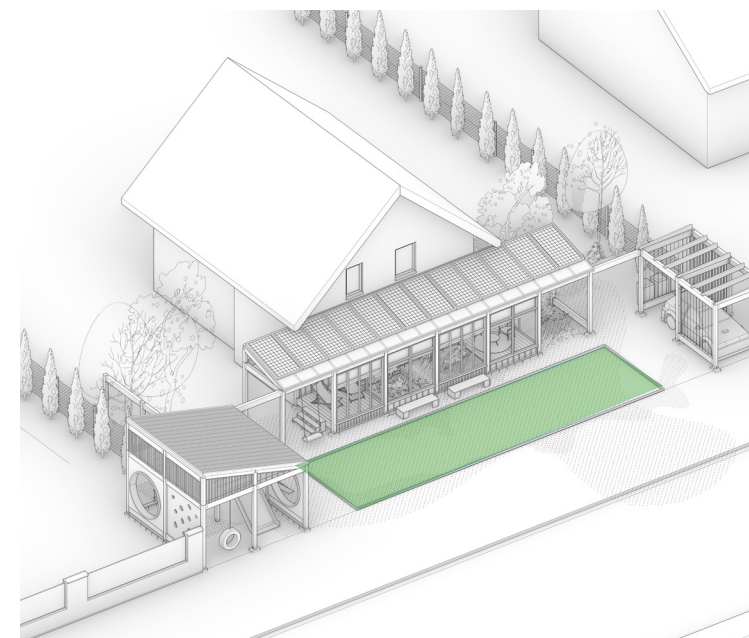
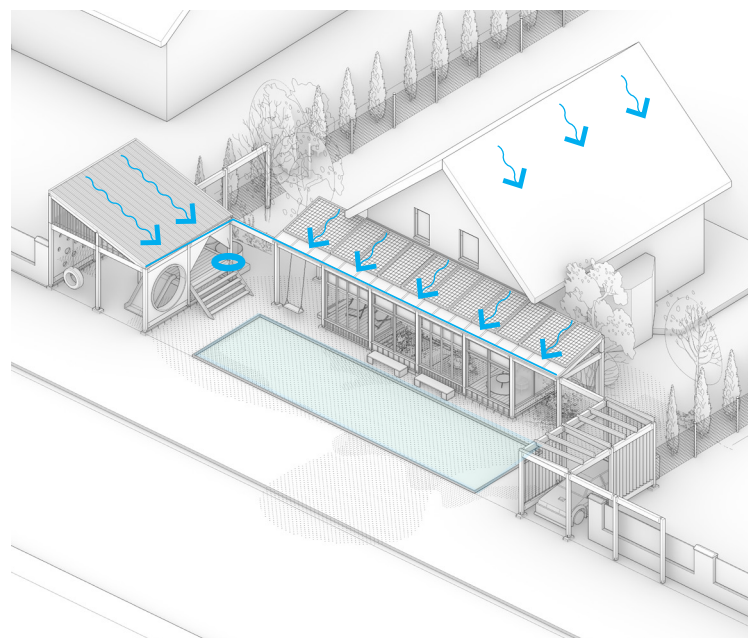
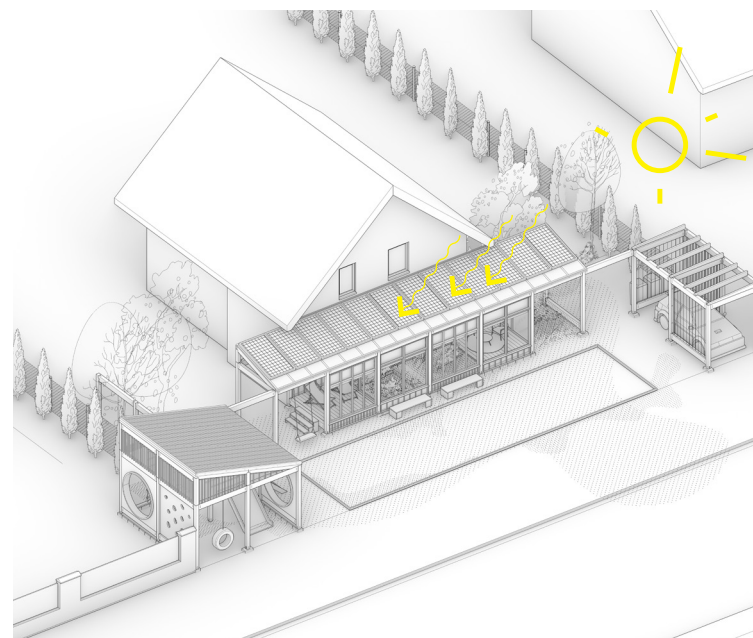


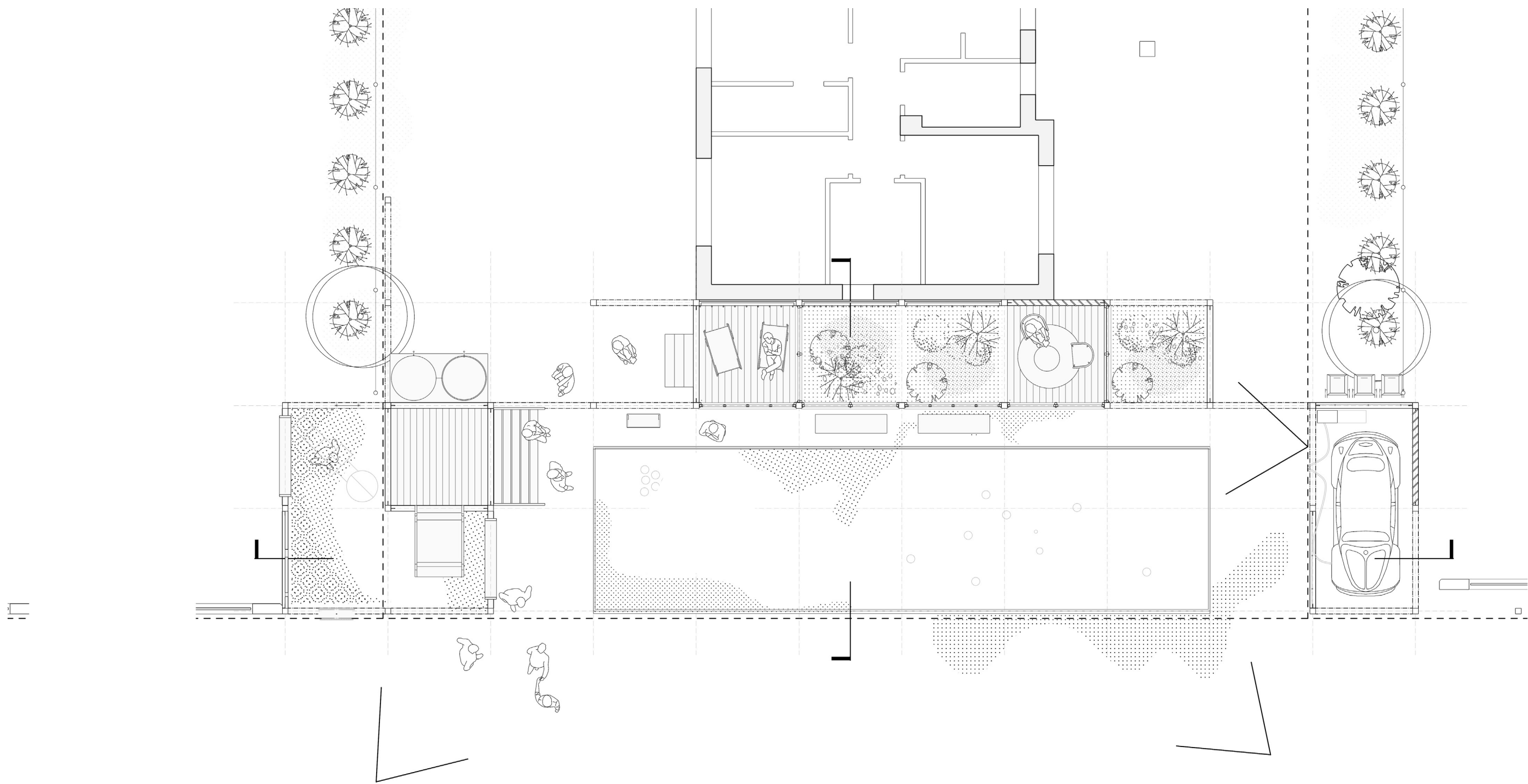




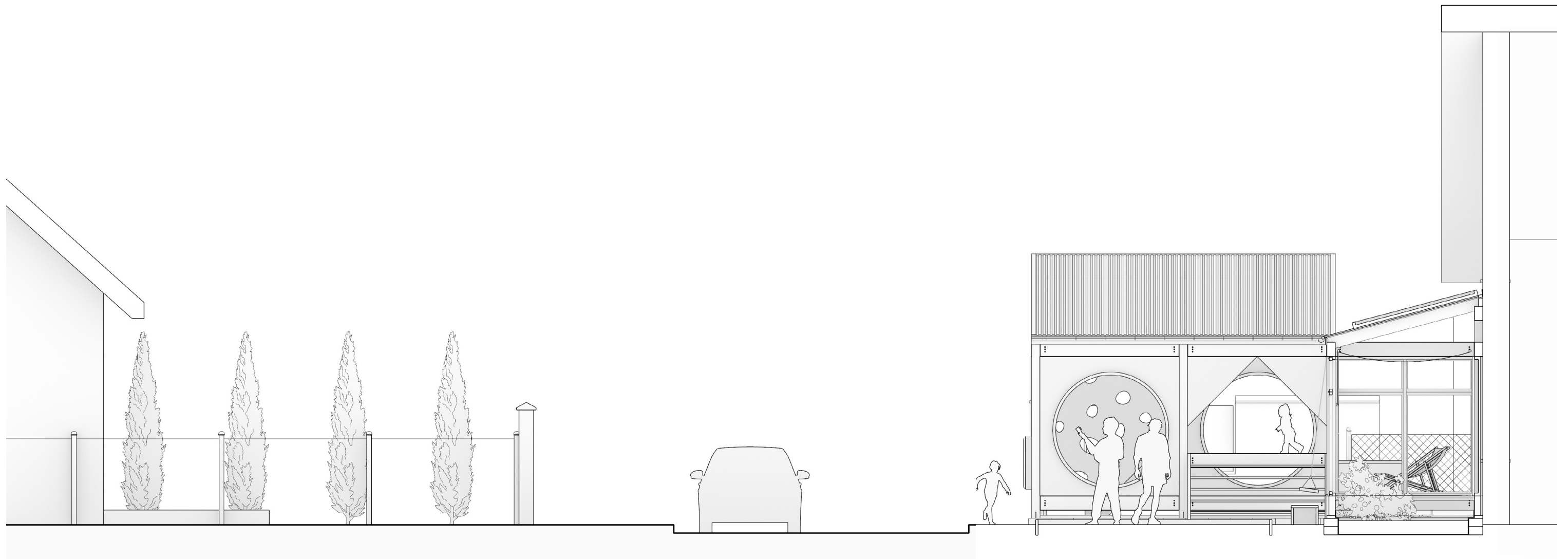














SQUARE



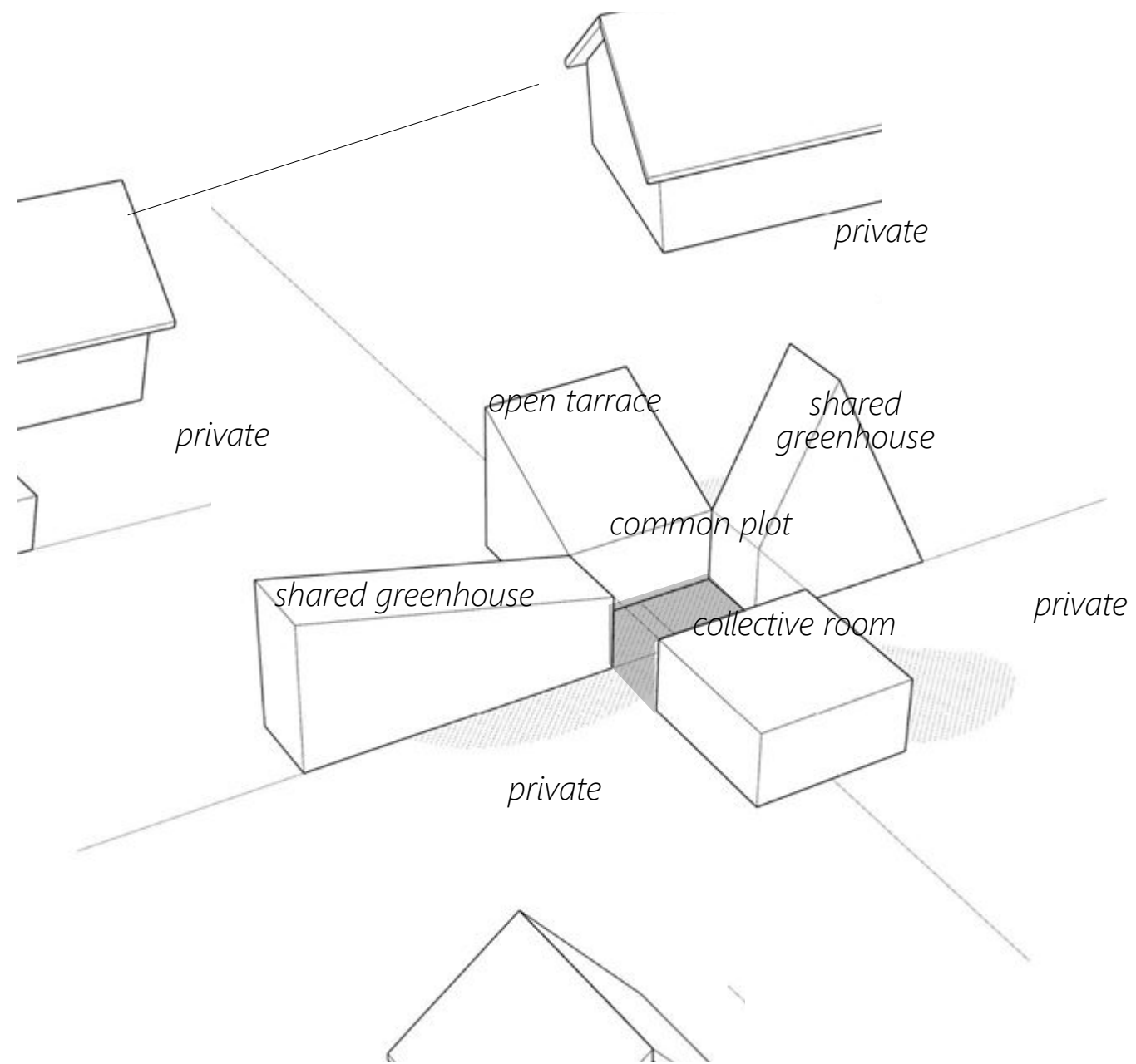
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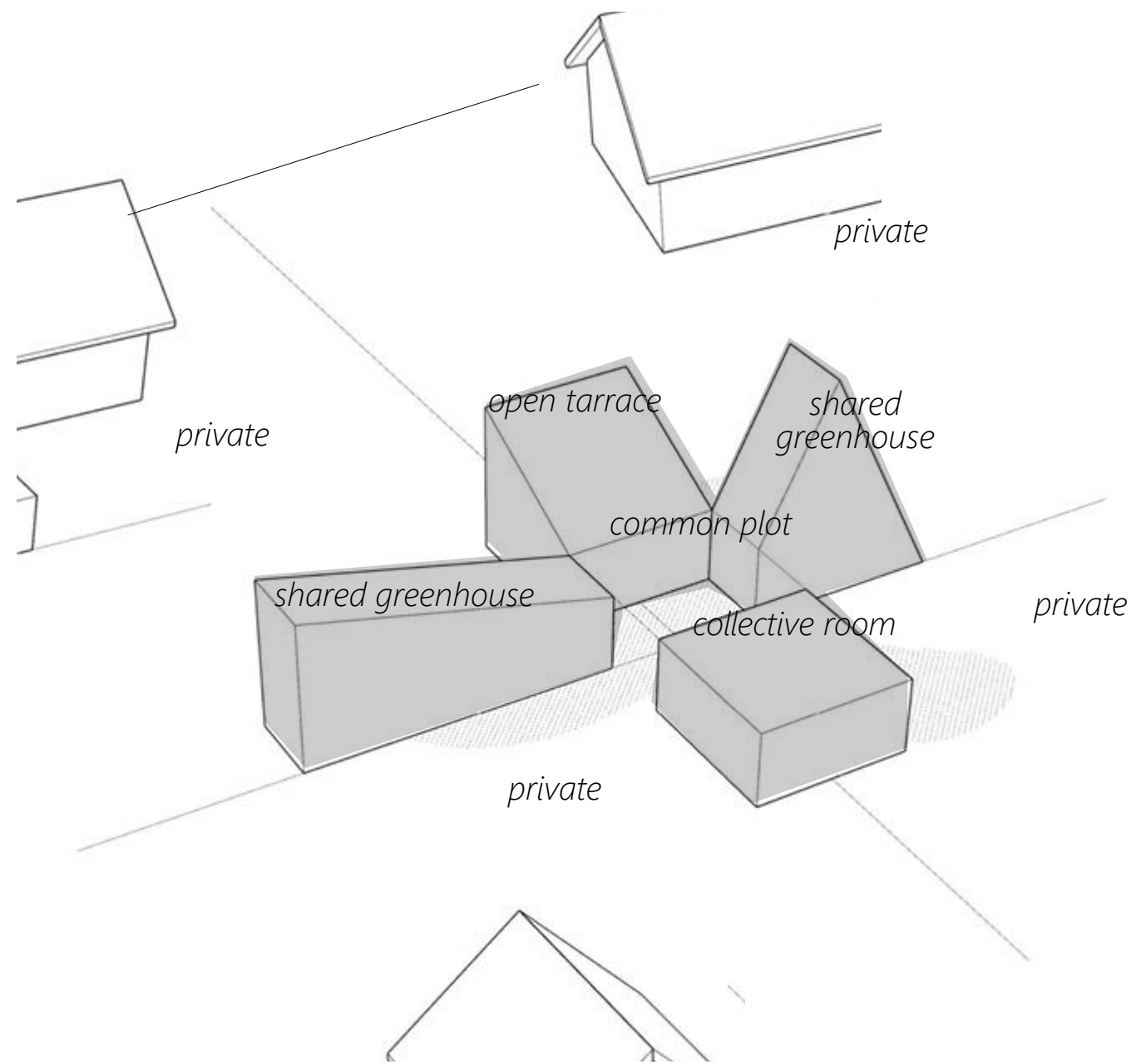


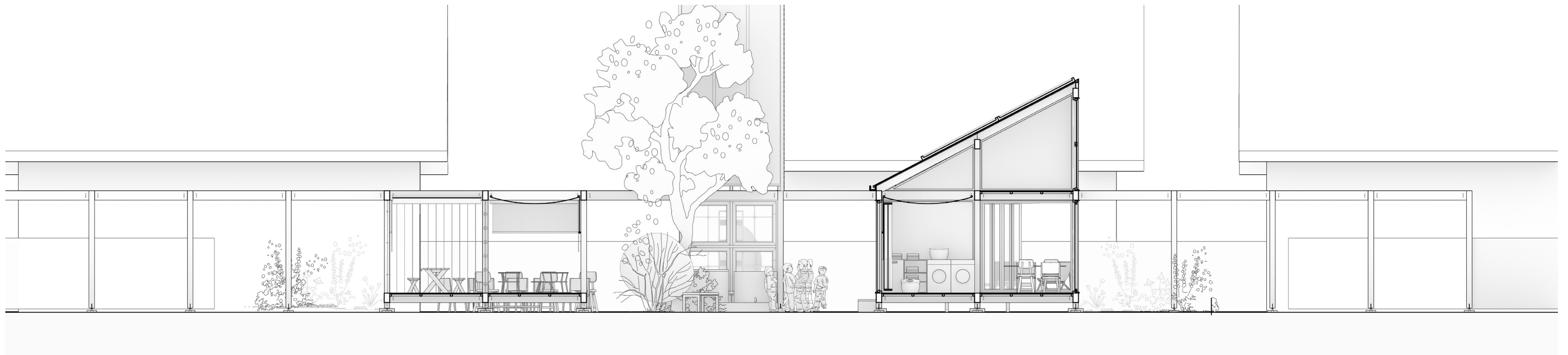
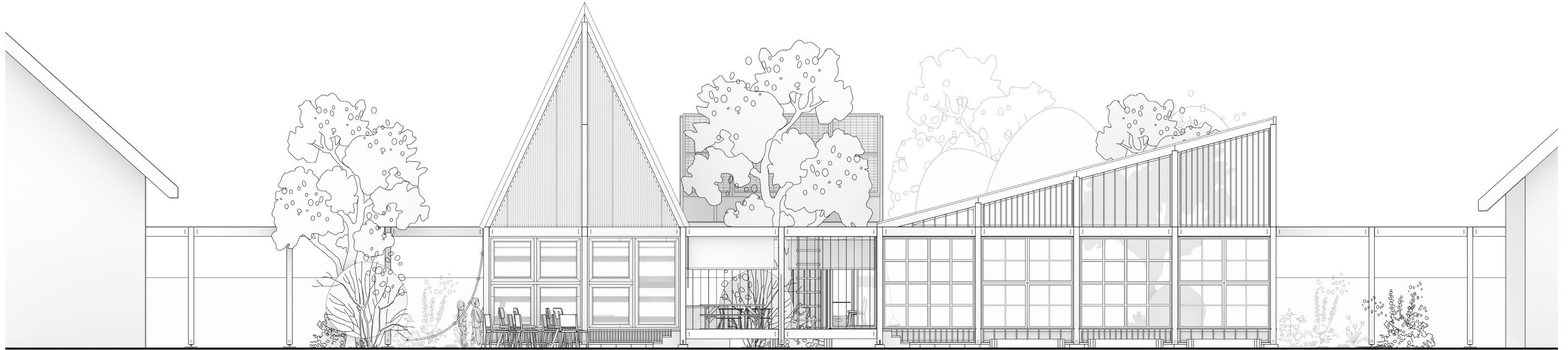
NET



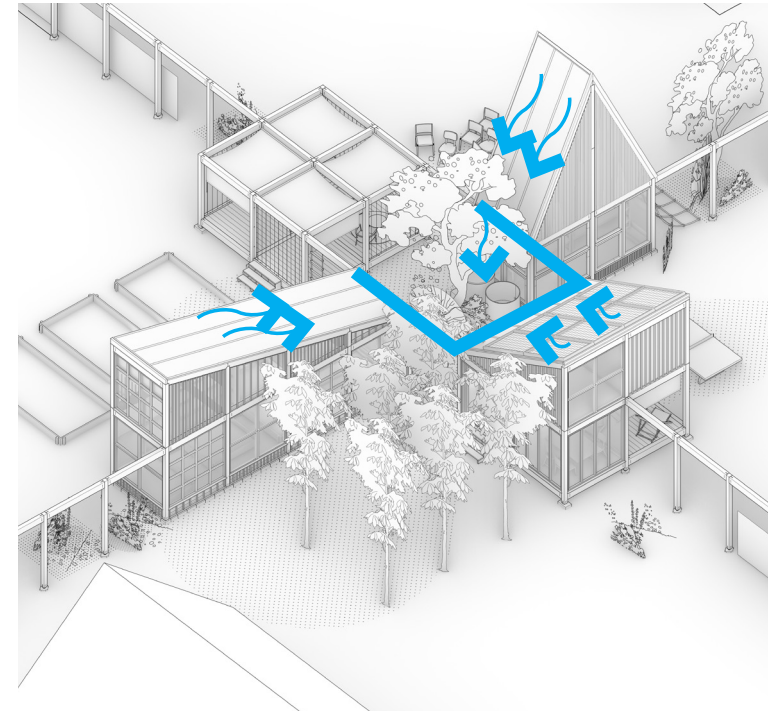
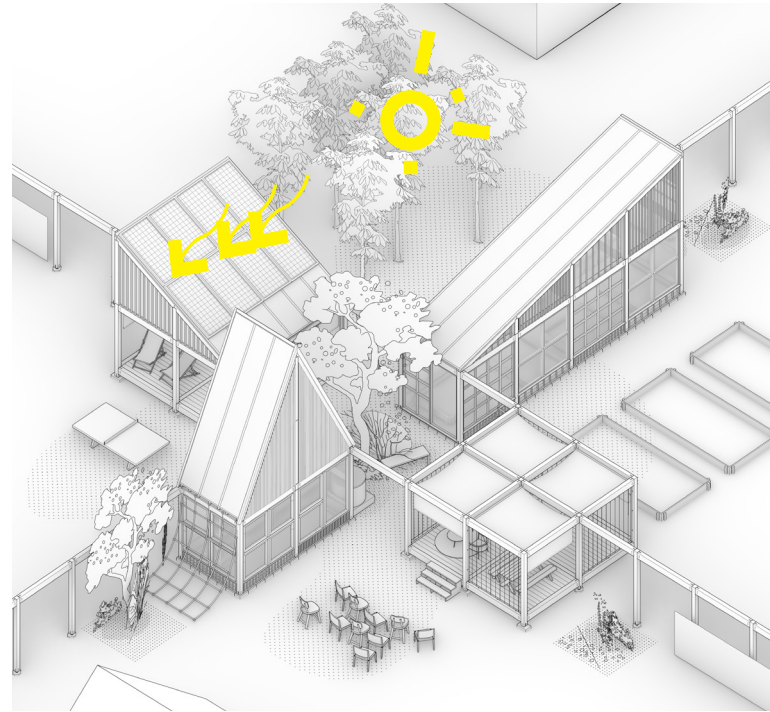




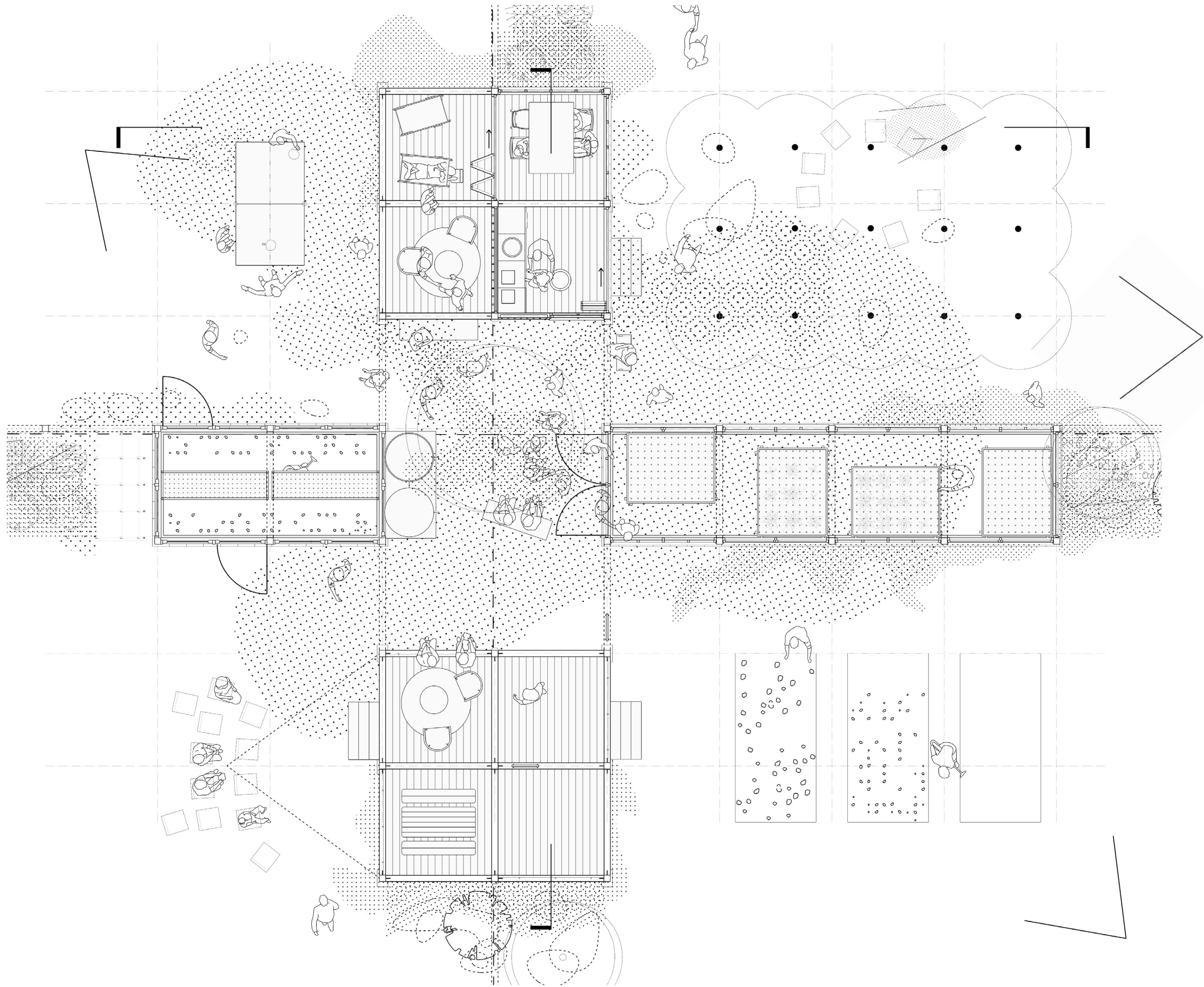
















SQUARE
in between houses

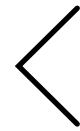


POCKET
in front of the street



NET
in the back of the gardens

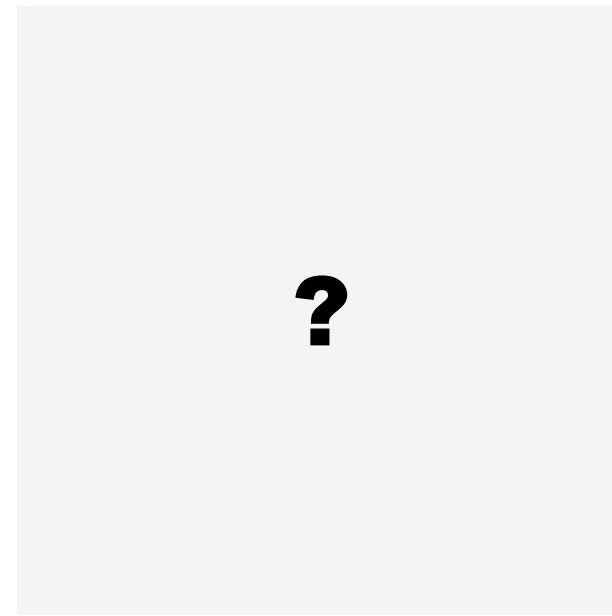




POCKET
in front of the street



NET
in the back of the gardens



CommonGround

Addresses questions social isolation, privatization and individualization of urban sprawl

Focuses on existing boundaries fences, walled estates, commonly present in contemporary gated society

Enables negotiation of limits between neighbors, houses, possessions and streets

Introduces human proximity to nature and other neighbors by transforming a wall of suburban possessions

Provides an instruction for porosity and density in built environment and new plans

Questions urban regulations and functional constrains which shape alleged freedom of suburban citizens

CommonGround

[mapping tool](#) [community](#) [modular system](#) [support](#) [contact](#)

Join the community and create
future suburbs together

 Participate





**Welcome to Common Ground,
Because suburbs have never been so smart!**

Thank you!

The Business Model Canvas **Common Ground: a soft border**

