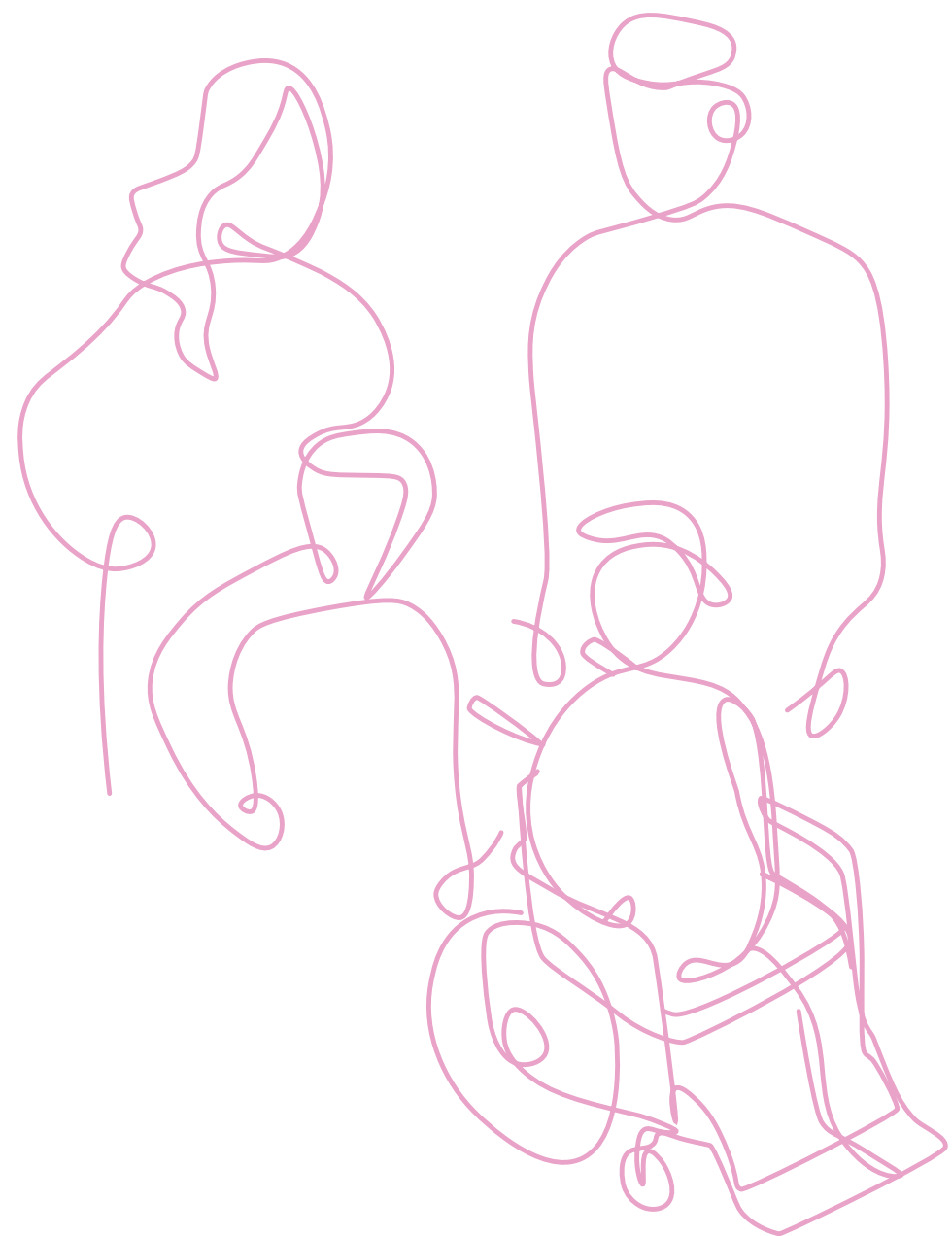


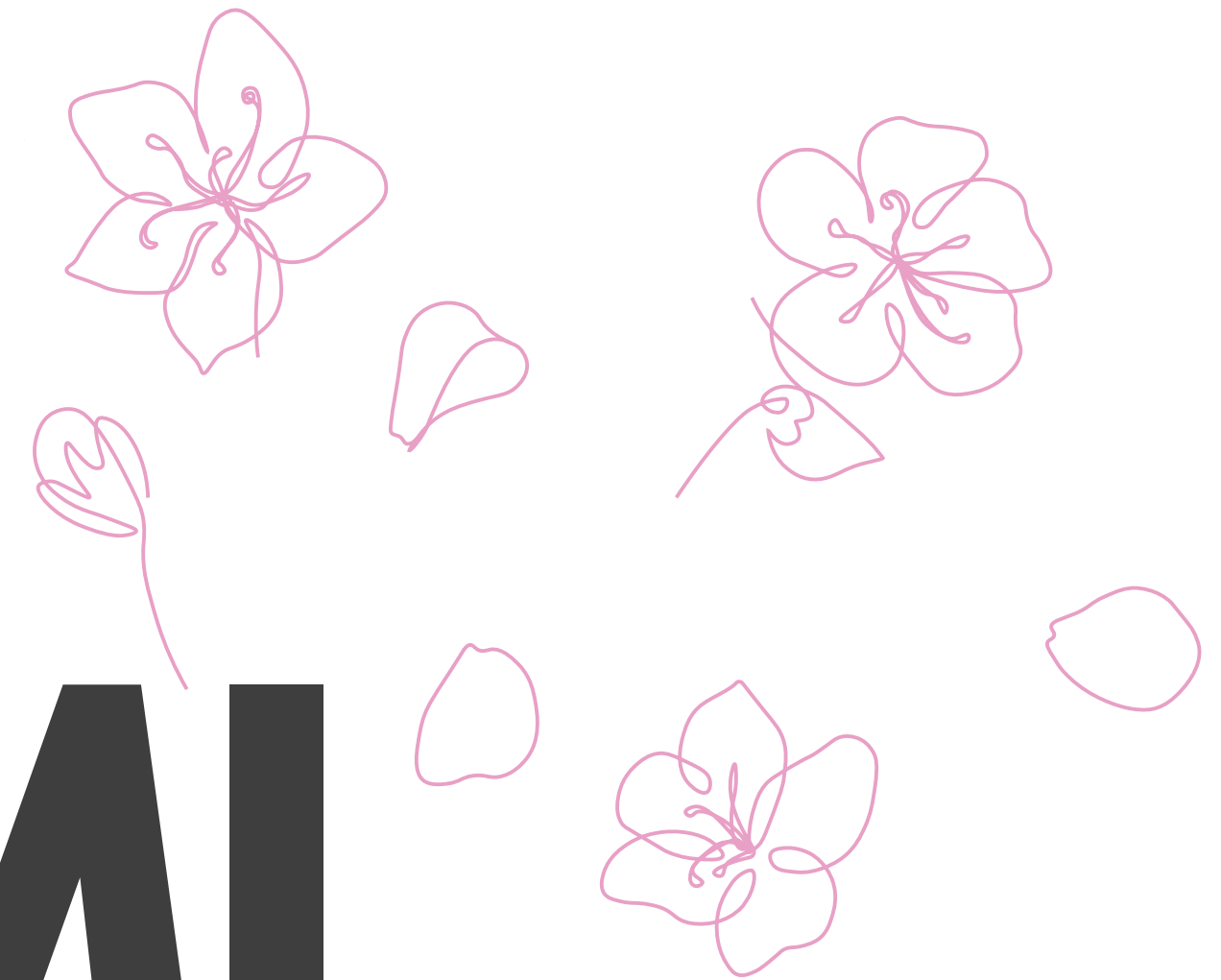
HANAMI

reimagining vacations for sepcial needs families :
a healing escape



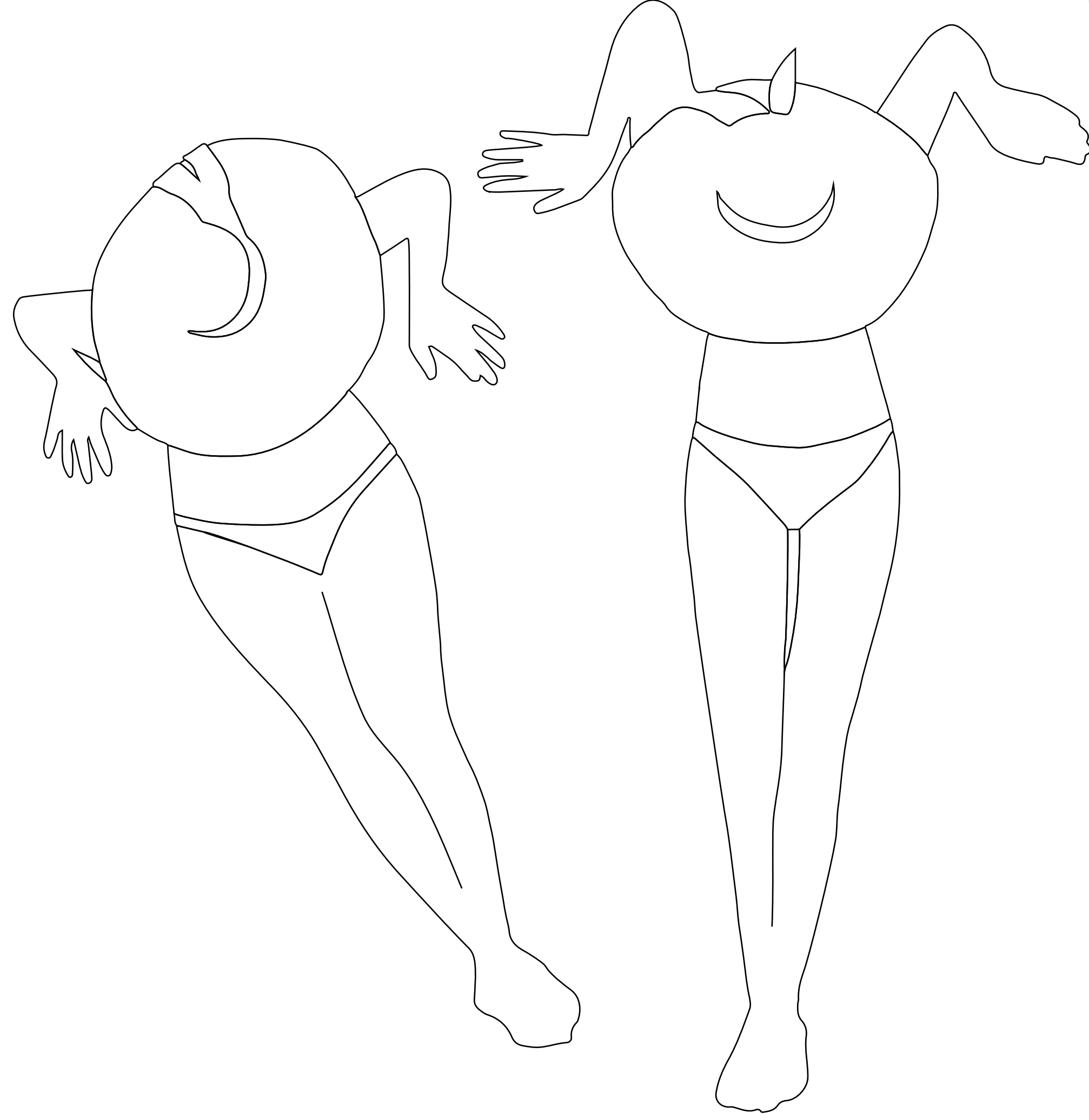
Jil Weber
P5 presentation_04.07.2023

Designing for Health and Care_ Dwelling Graduation Studio
TU Delft_Faculty of Architecture and the Built Environment



personal experience

2



child's needs

3



<https://health.develandclinic.org/cystic-fibrosis-5-ways-to-help-your-child-live-a-longer-healthier-life/>

“Those weeks of intensive therapy are immensely beneficial for the children”,
Therapist

relief for parents



base image: <https://www.munsonhealthcare.org/blog/the-key-to-managing-stress>

“If the temporary care home would not exist, my husband and me would not be a couple anymore.” Caroline’s mother

& the siblings

5



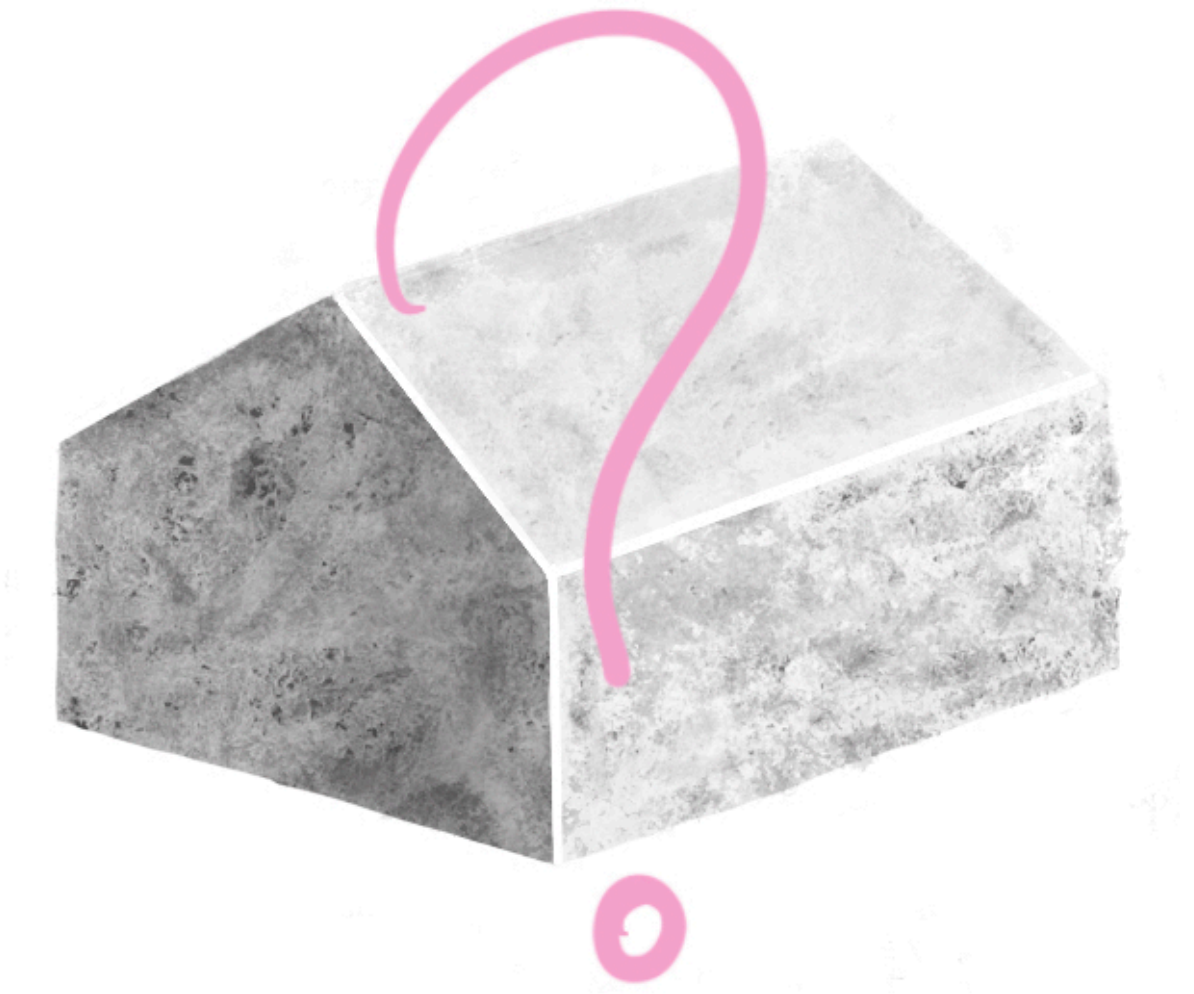
<https://blog.brookespublishing.com/wp-content/uploads/2017/05/supporting-siblings.HEADER.jpg>

“Especiallly my (healthy) son would gain from someone else taking care of my daughter, because then I could finally accompany him to the waterslides.”, Alexa’s mother

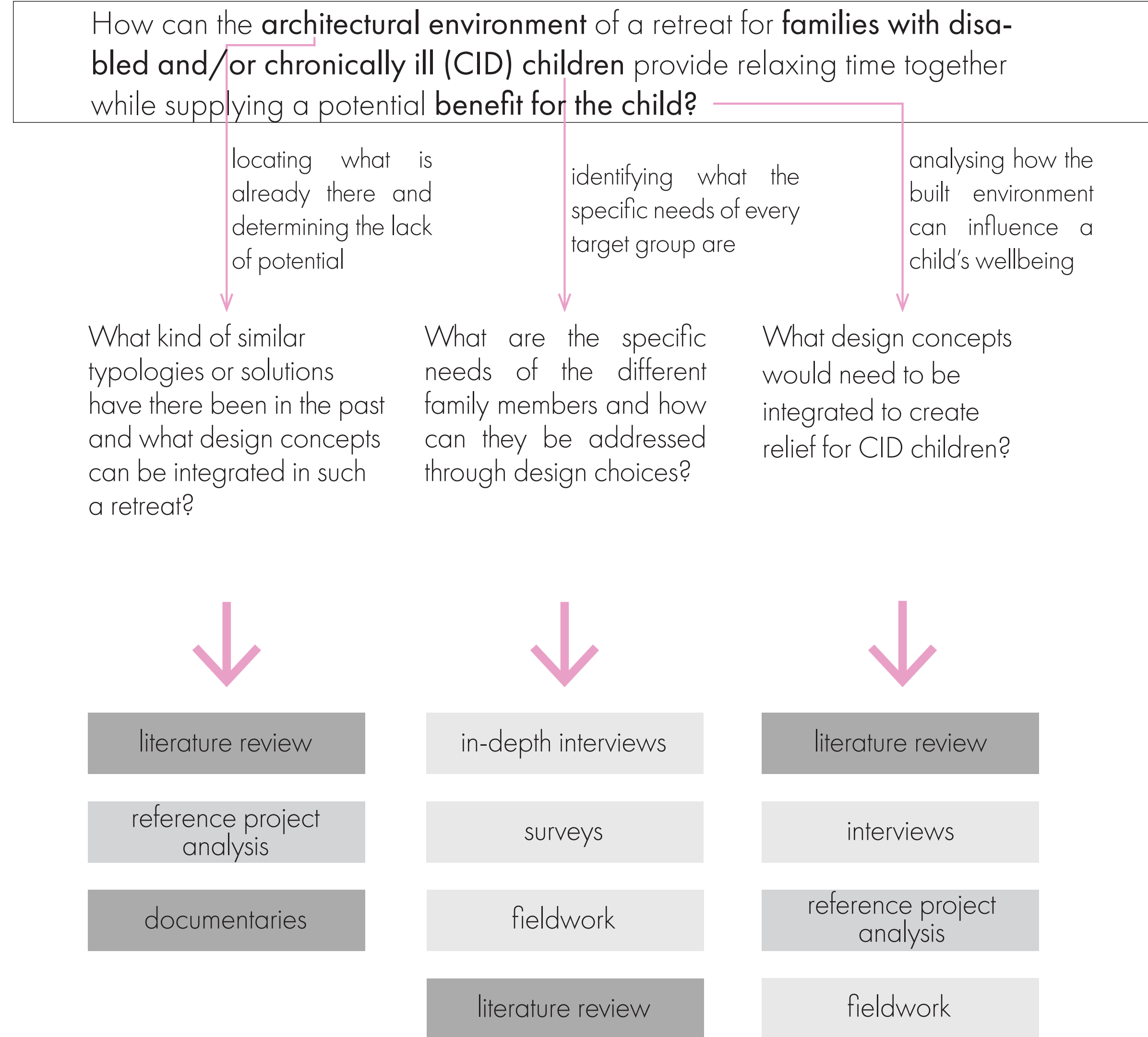
economic stress

“With the support of a student, my husband and I were able to enjoy our vacation for the first time in 5 years. However, being accompanied by a babysitter did cost us an **additional 4000 €.**”, Julie’s mother

what? how? where?



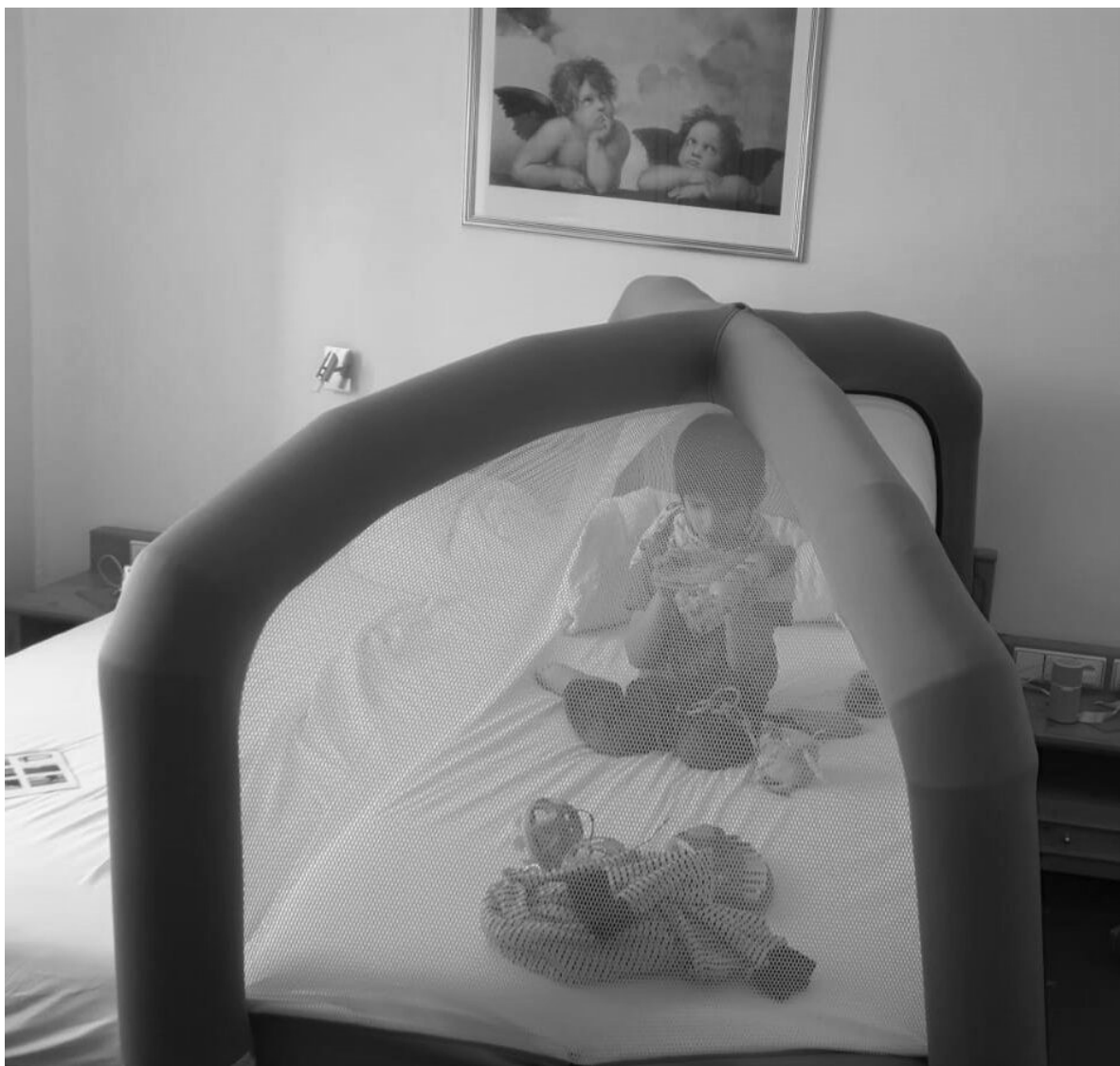
How can the **architectural environment** of a retreat for **families with disabled and/or chronically ill (CID) children** provide relaxing time together while supplying a potential **benefit for the child**?



research

9





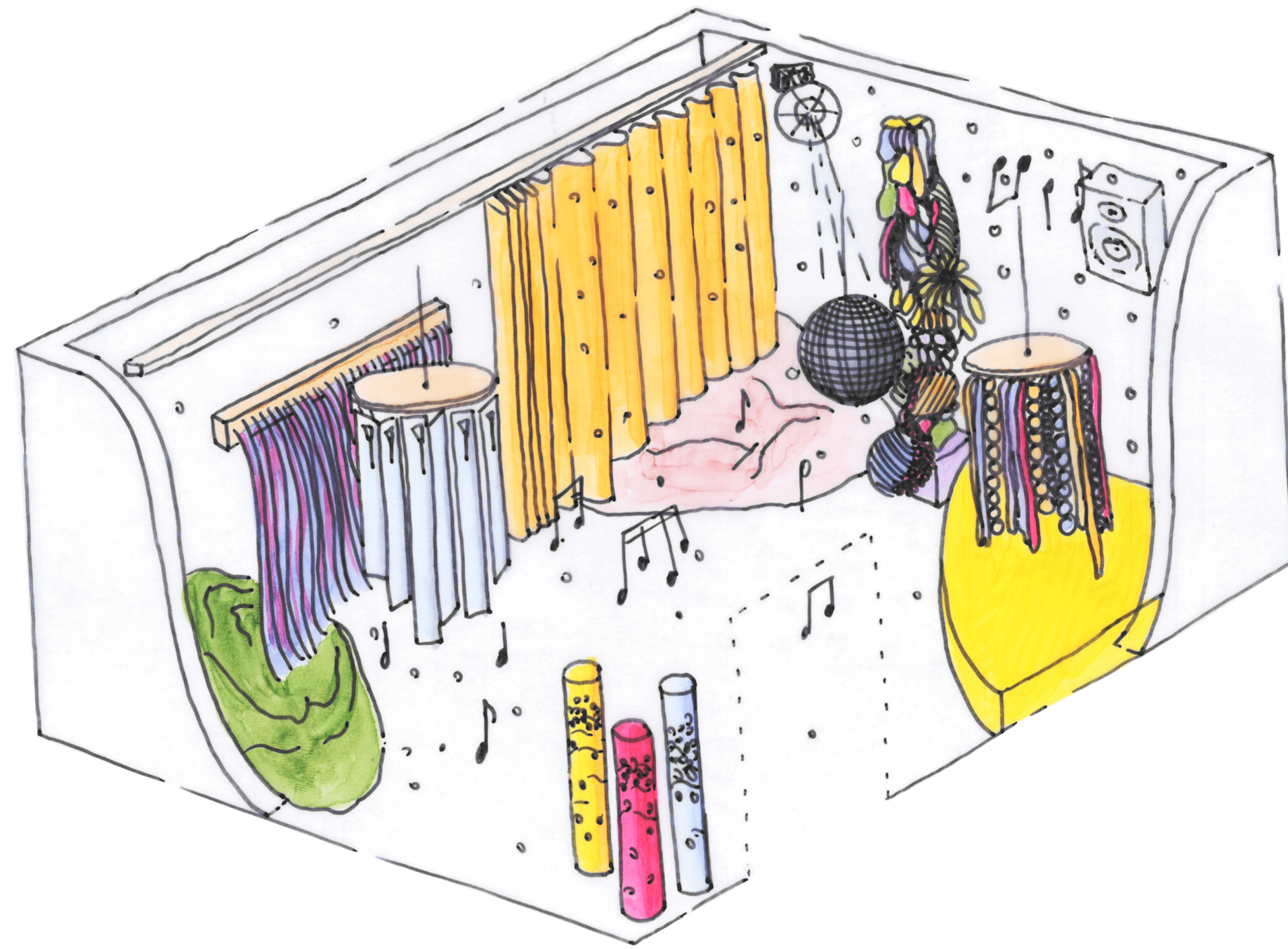
<https://aussergewoehnlich-gut-leben.de/das-cloud-cuddle/>



<https://shop.disabilityhorizons.com/products/junior-tabard-style-bibs/>



<https://wheeleez.com/product/sandpiper-beach-wheelchair/>



therapies and snoezeling



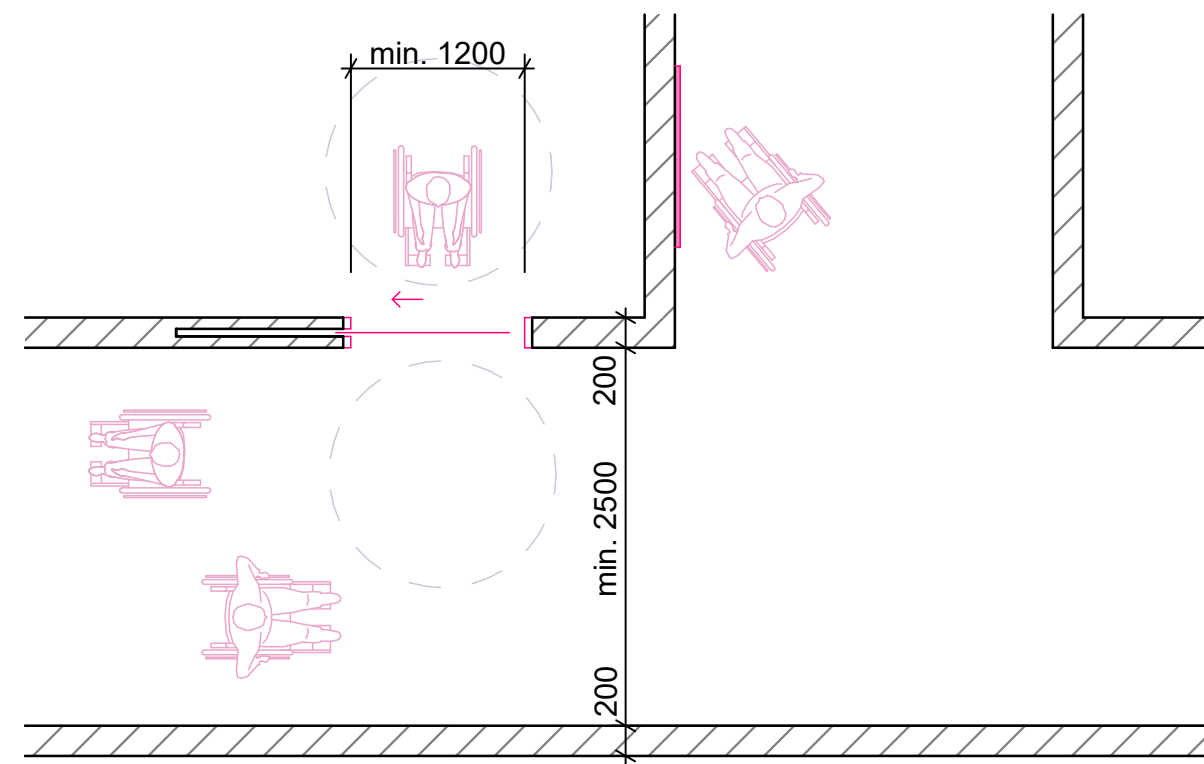
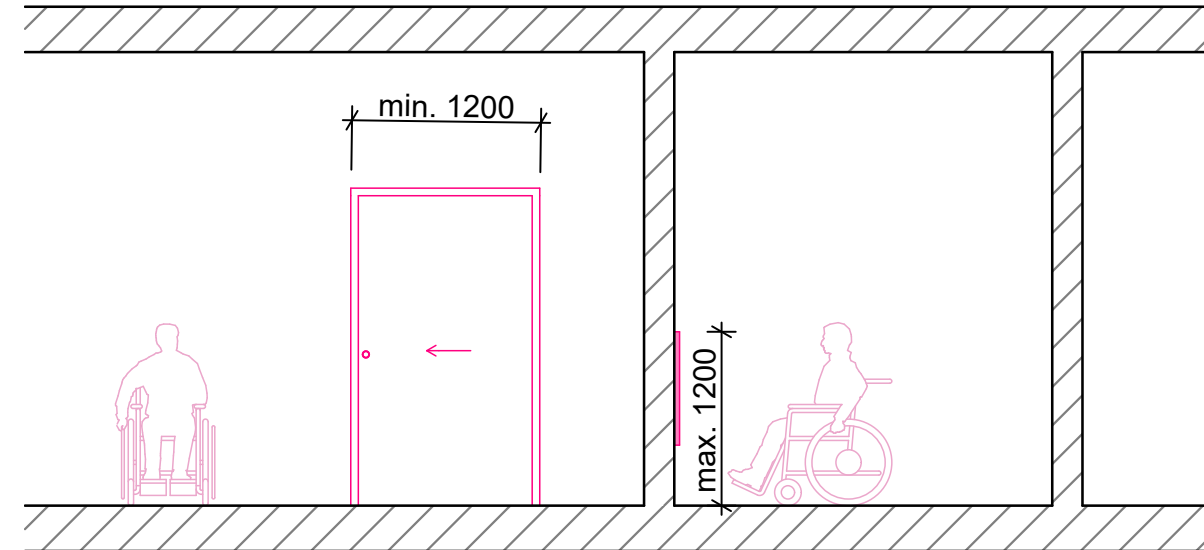
<https://www.verywellhealth.com/youth-nursing-homes-1094453>



<https://www.playlsi.com/en/playground-planning-tools/inclusive-play/>

fieldwork

12



reachability and corridor width

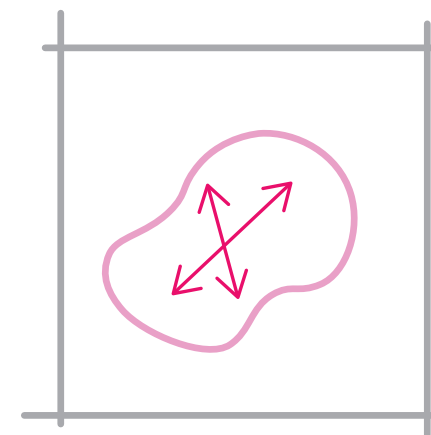


equipment

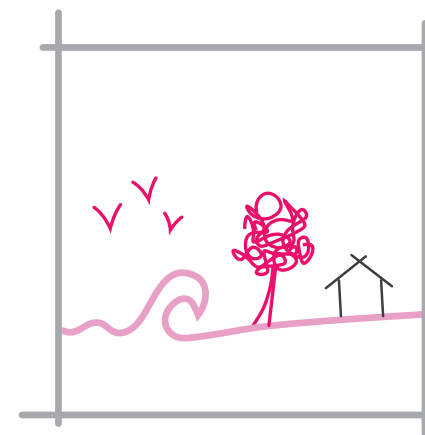
design guidelines

13

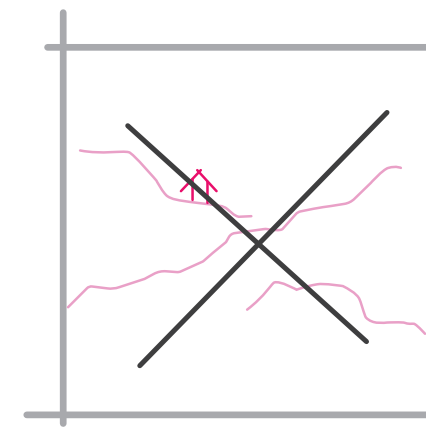
site criteria



of a decent size

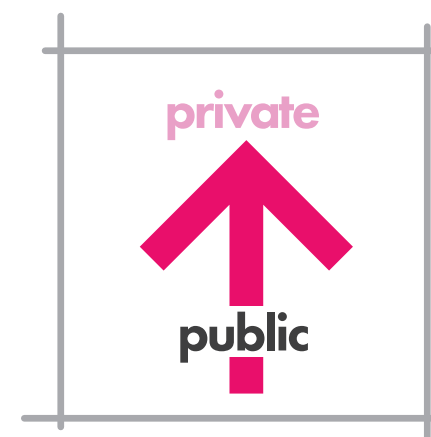


set in nature

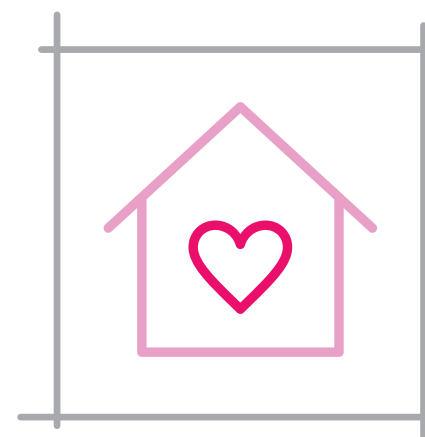


not too hilly

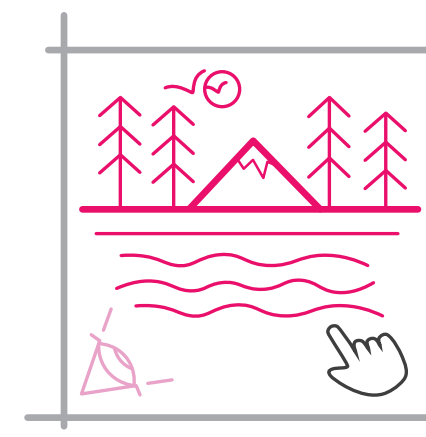
on environmental level



transition from
public to private

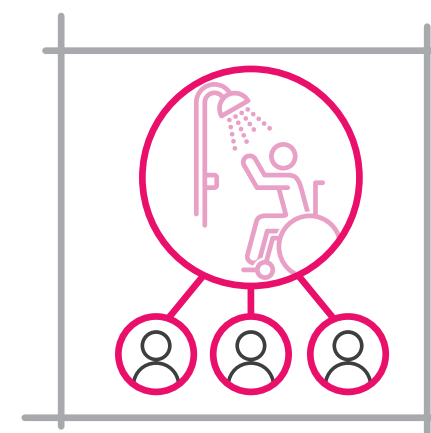


enhance the feeling
of integration

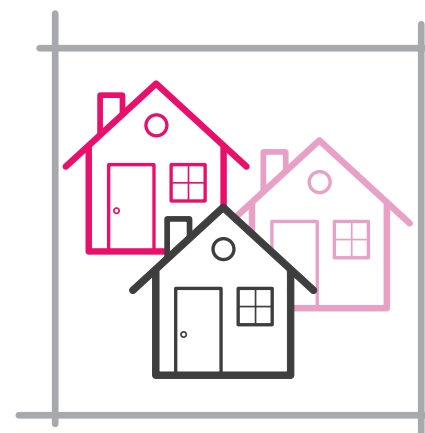


views and access to
nature

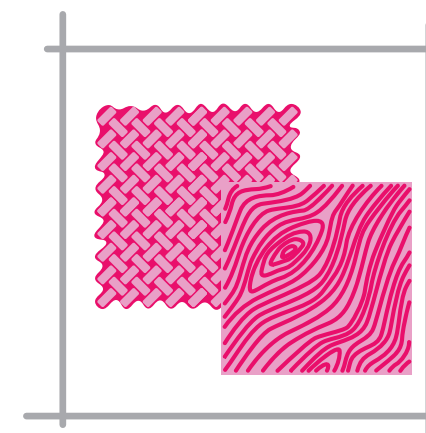
on neighbourhood level



shared adapted
bathrooms

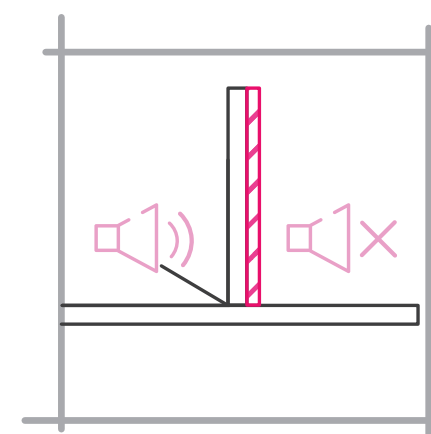


one story units in
clusters

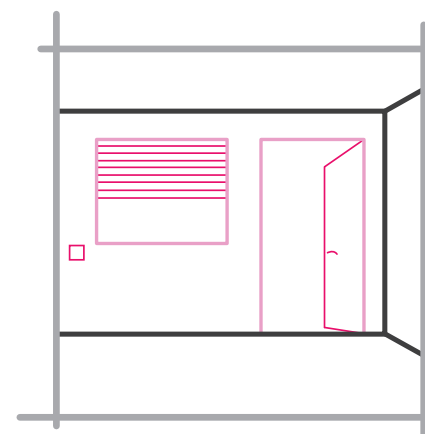


use of natural
material

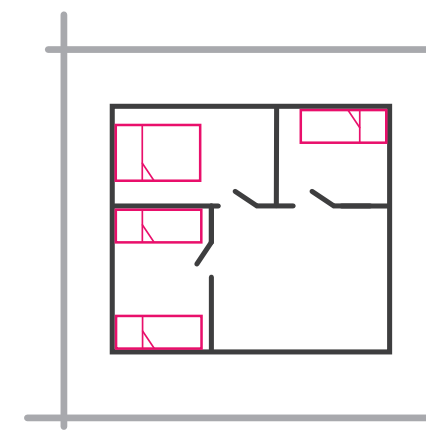
on detail level



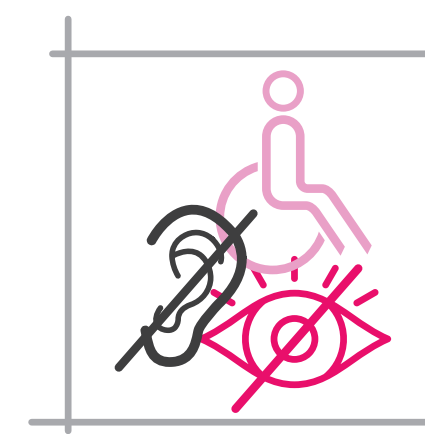
sound insulation for
units



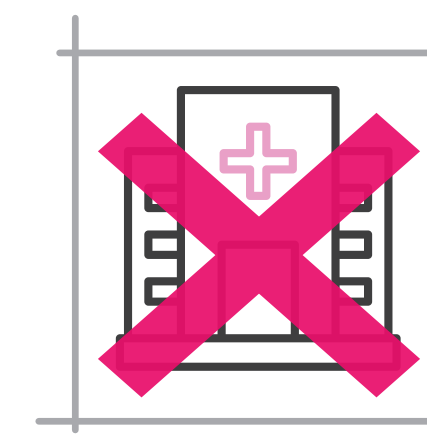
many windows
that can be "used"
independently



separated bed-
rooms



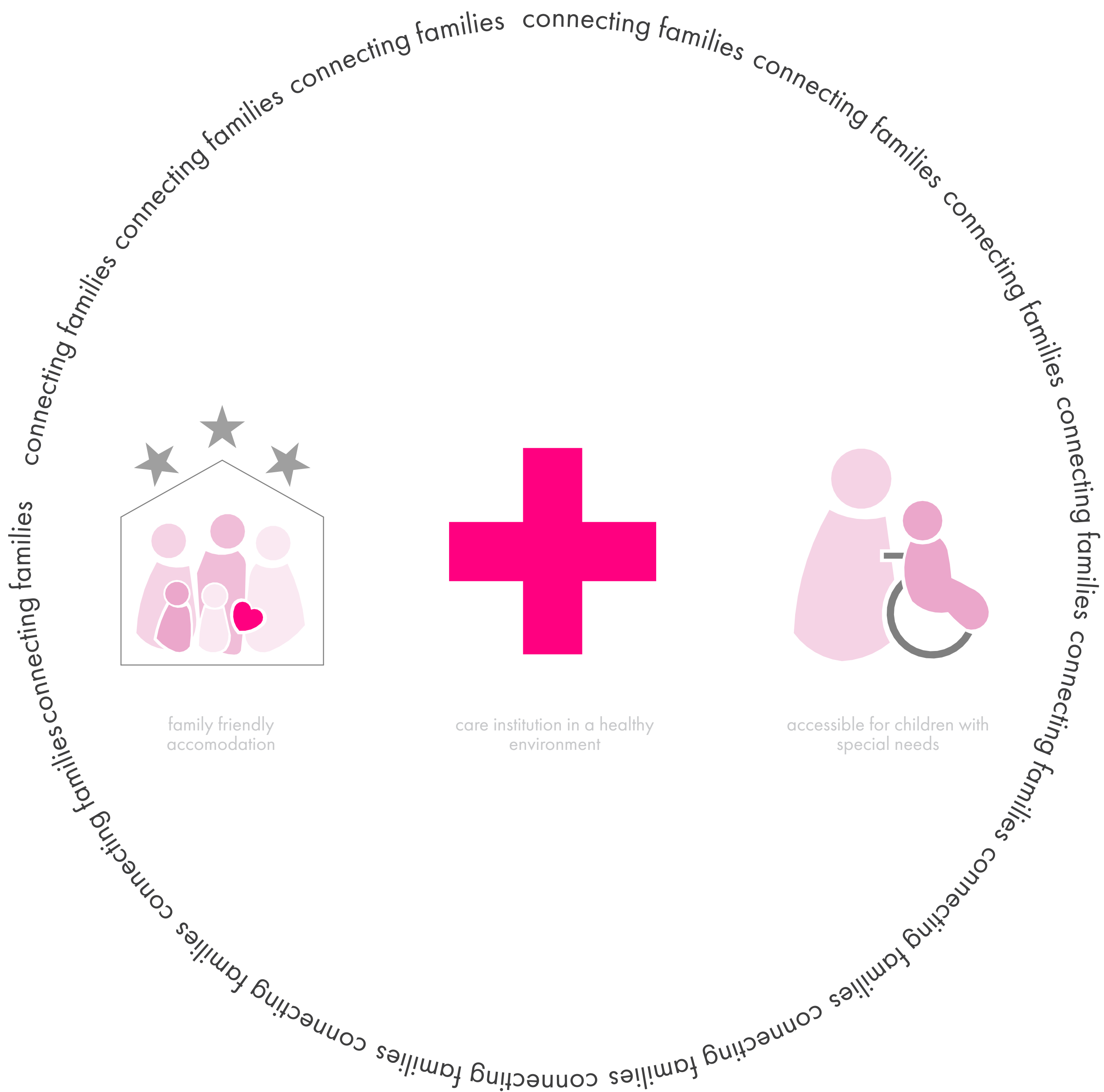
adaptable to different
needs



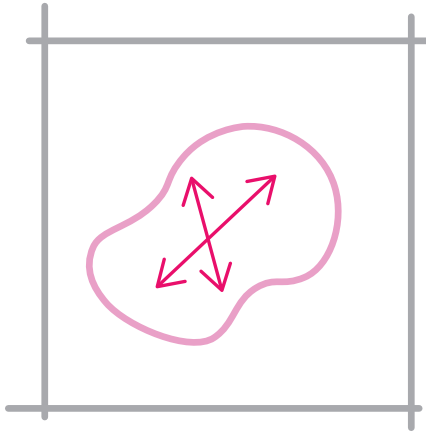
eliminate the hospital
look

the aim

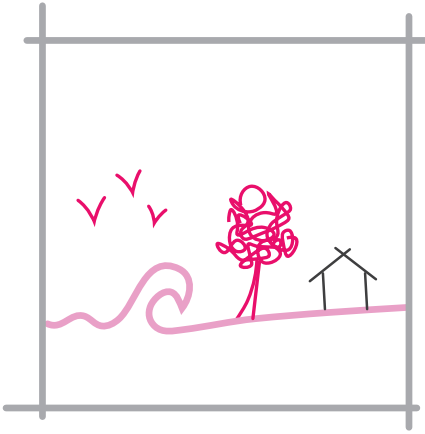
14



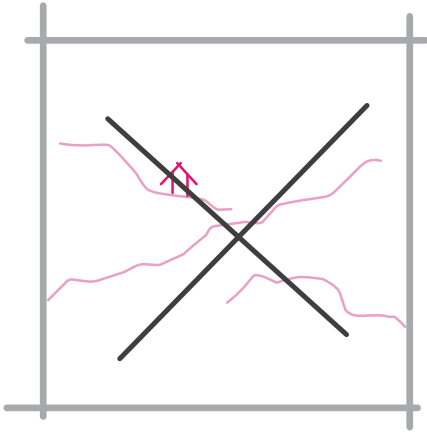
site criteria



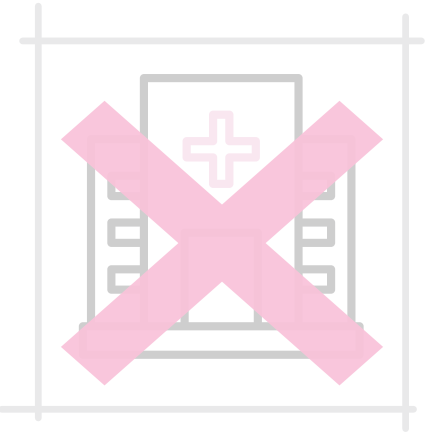
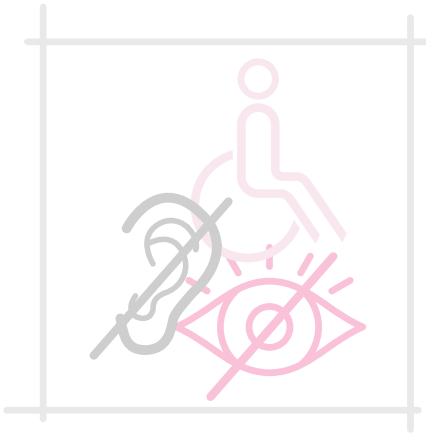
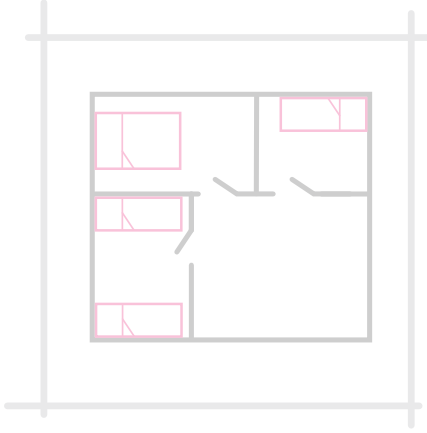
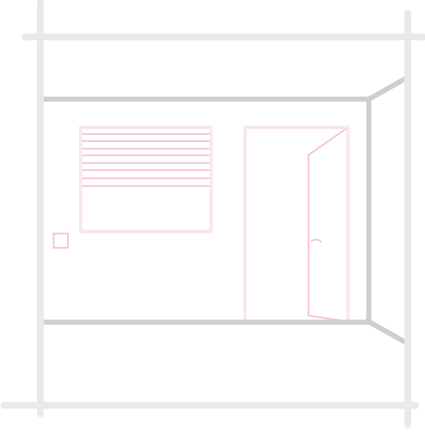
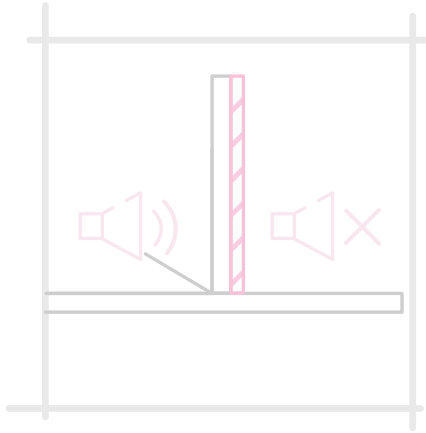
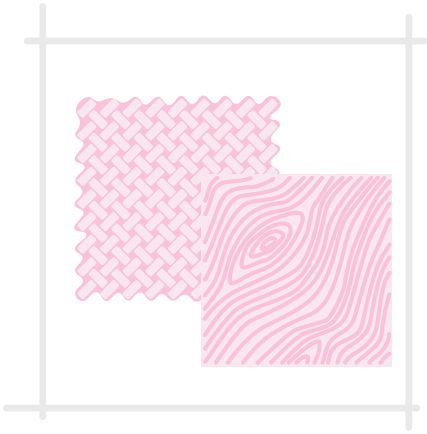
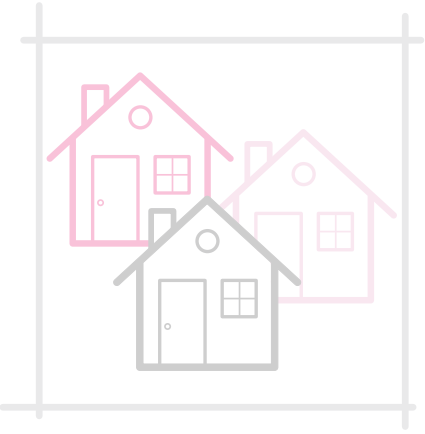
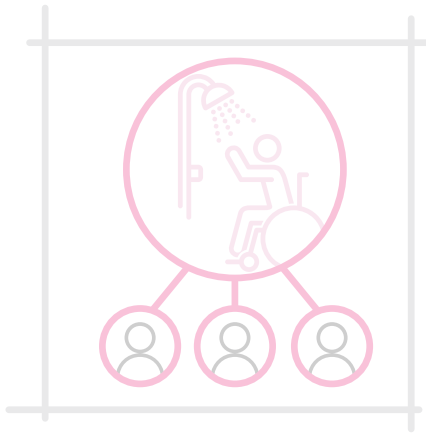
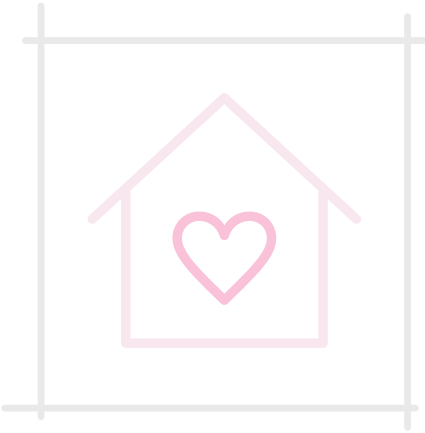
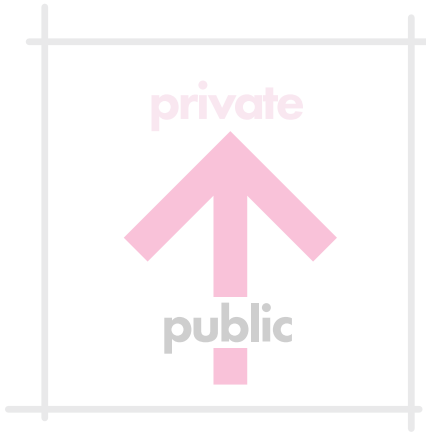
of a decent size

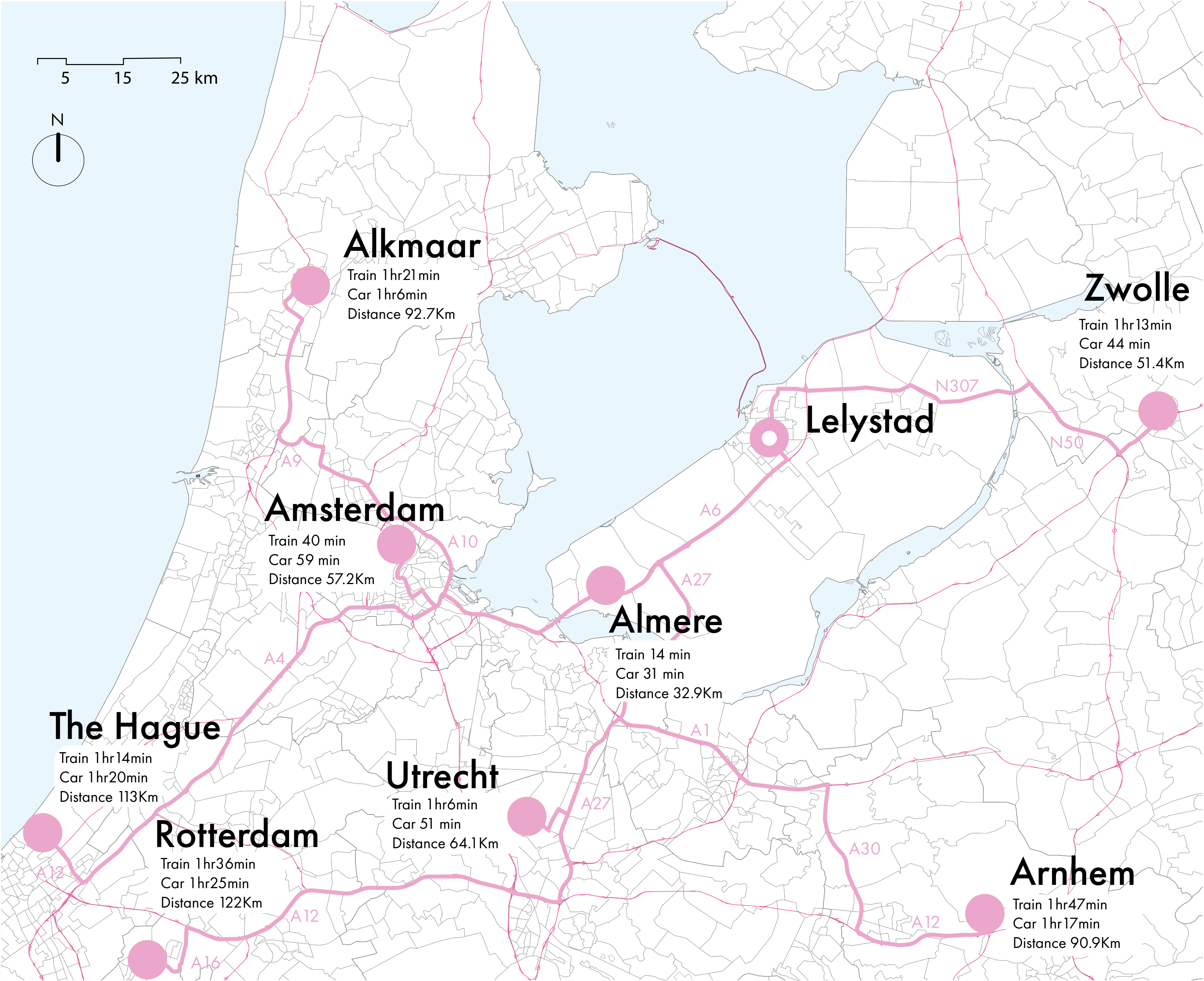


set in nature



not too hilly



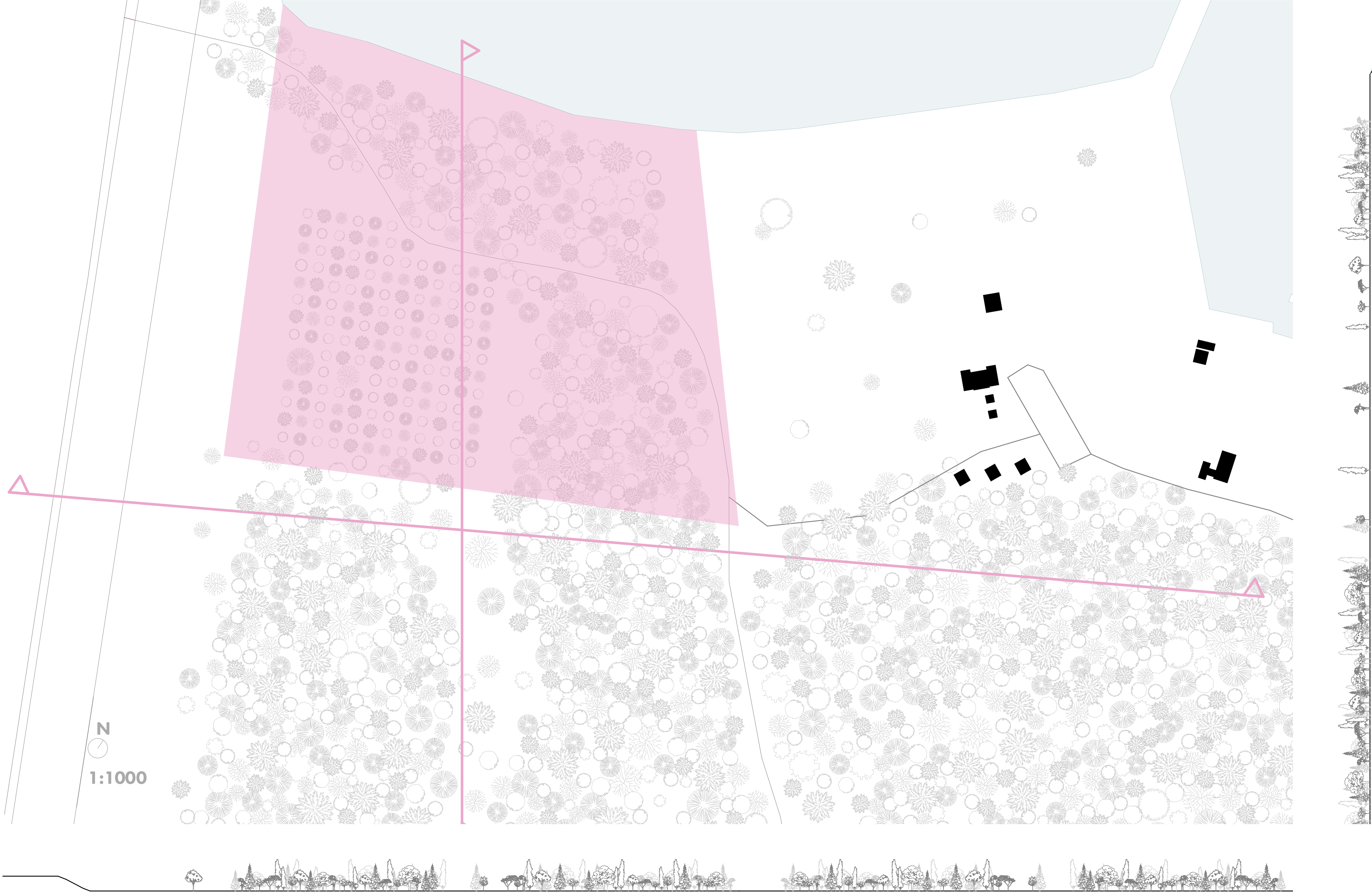


the site

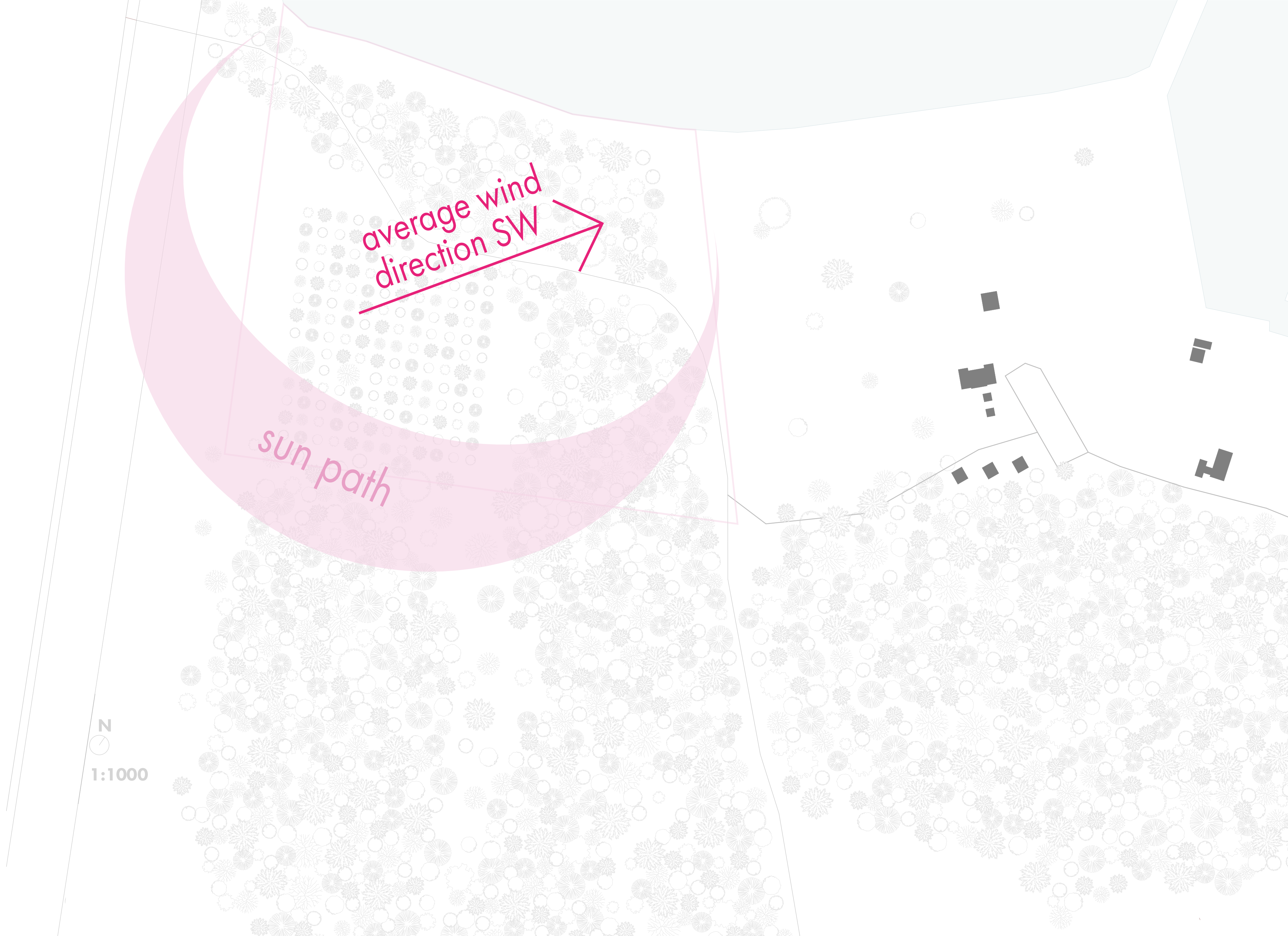


<https://www.google.com/maps/@52.487575,5.4140317,3a,75y,270.01h,65.22t/data=!3m8!1e1!3m6!1sAF1Qip-MycUkh4FNcrF3M7qA6s7NG3sBDlc4BdXaeT6Fk!2e10!3e11!6shhttps:%2F%2Fh5.googleusercontent.com%2Fp%2FAF1QipMycUkh-4FNcrF3M7qA6s7NG3sBDlc4BdXaeT6Fk%3Dw203-h100-k-no-pi0-ya89.93355-ro0-fo100!7i8192!8i4096>

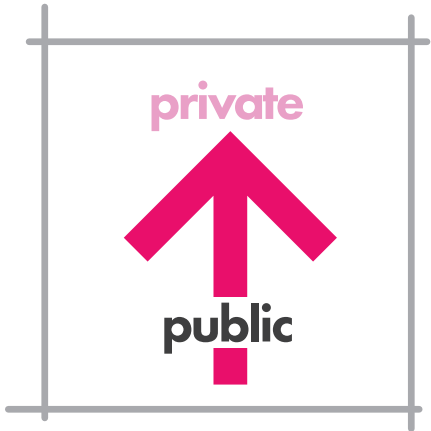
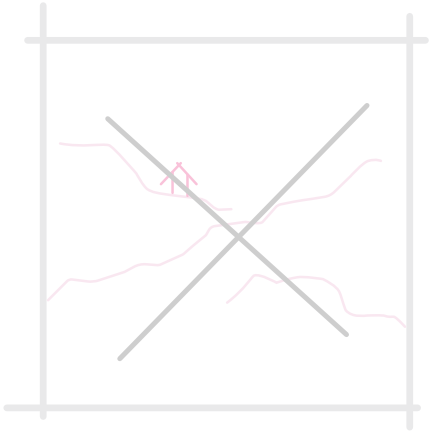
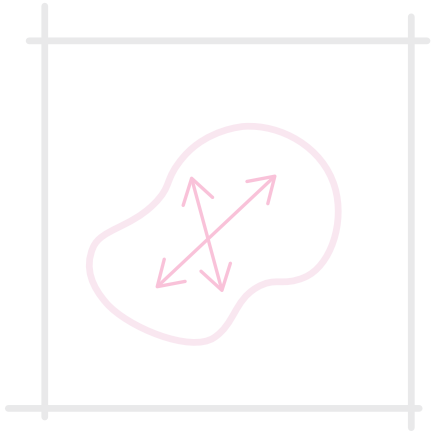
the site



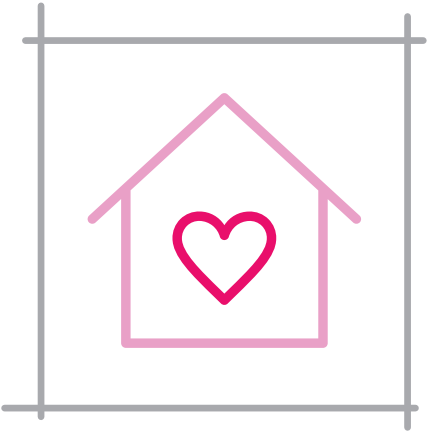
sun & wind study



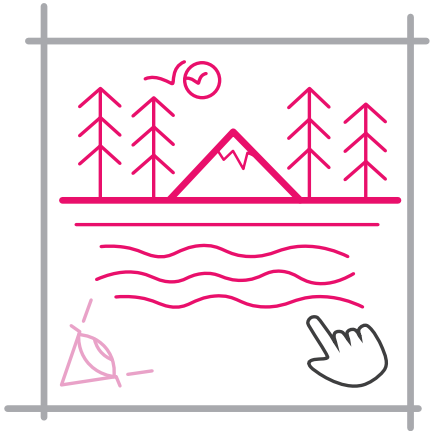
on environmental level



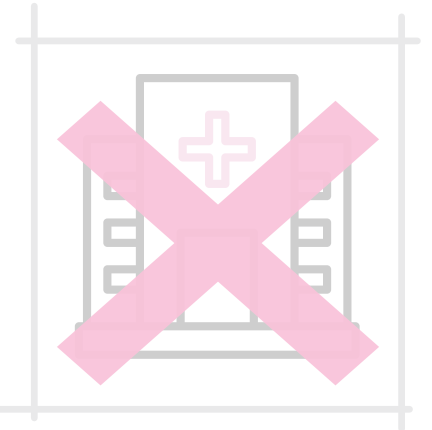
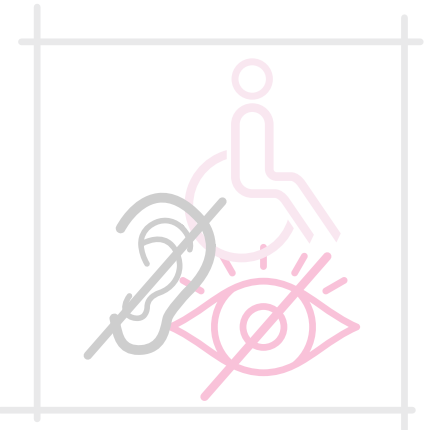
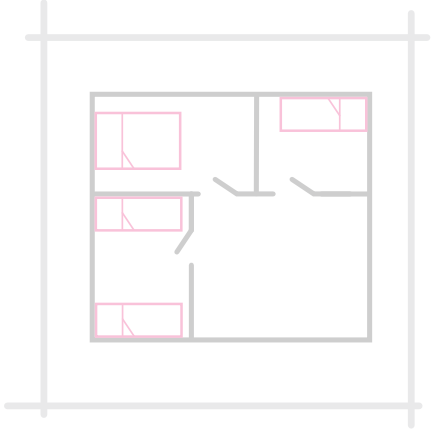
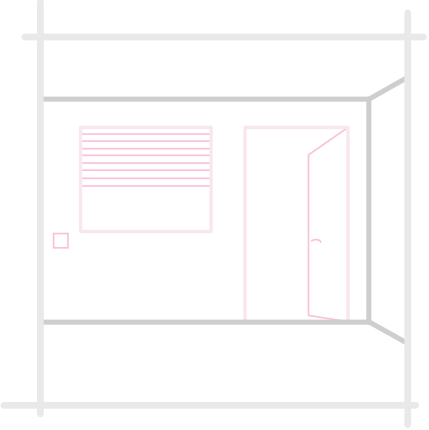
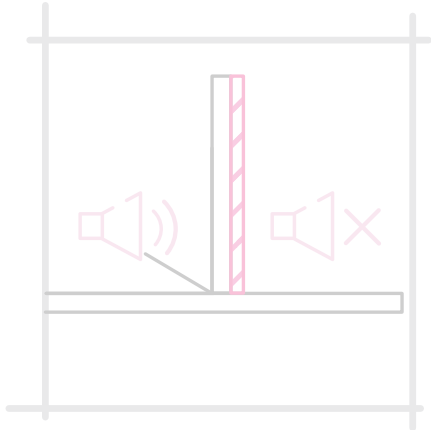
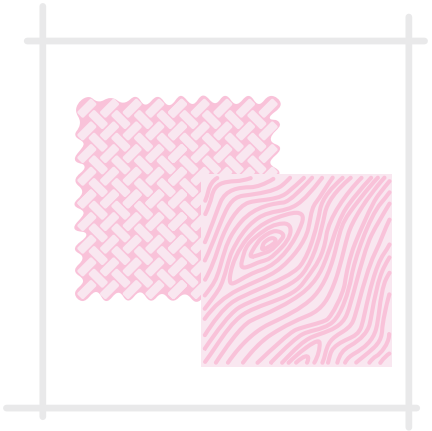
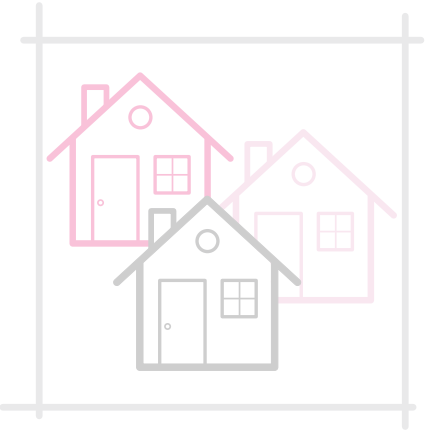
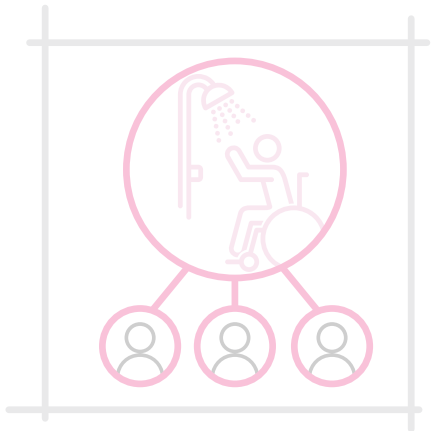
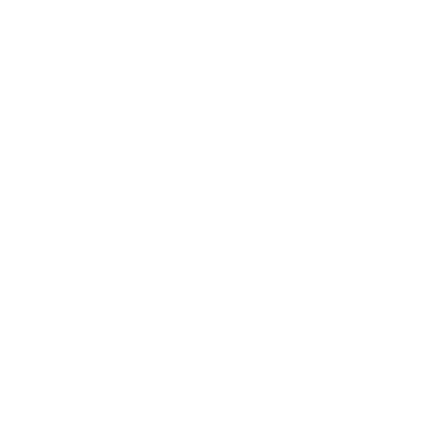
transition from
public to private



enhance the feeling
of intergration



views and access to
nature

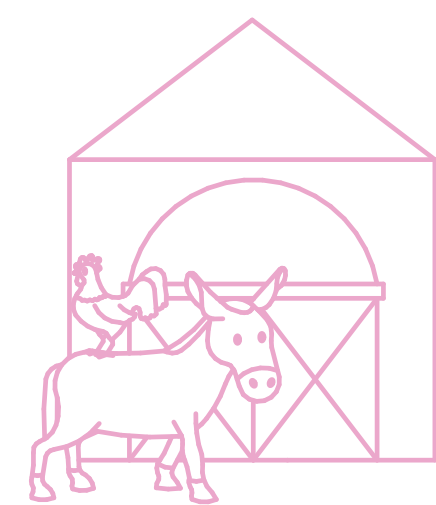


programme

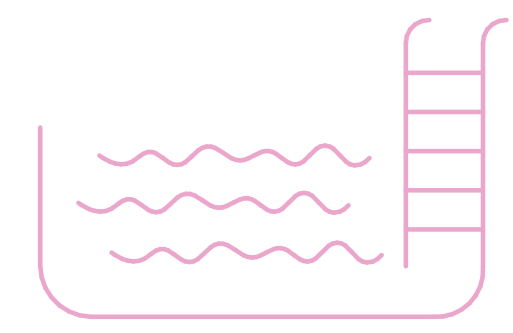
accessible playground



shed with animals



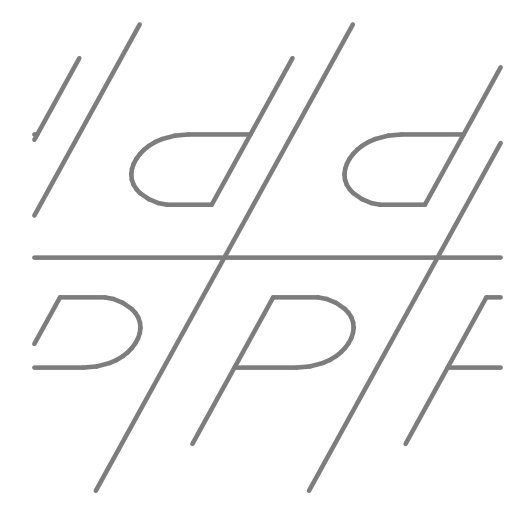
(therapy) pool



sheltered terrace



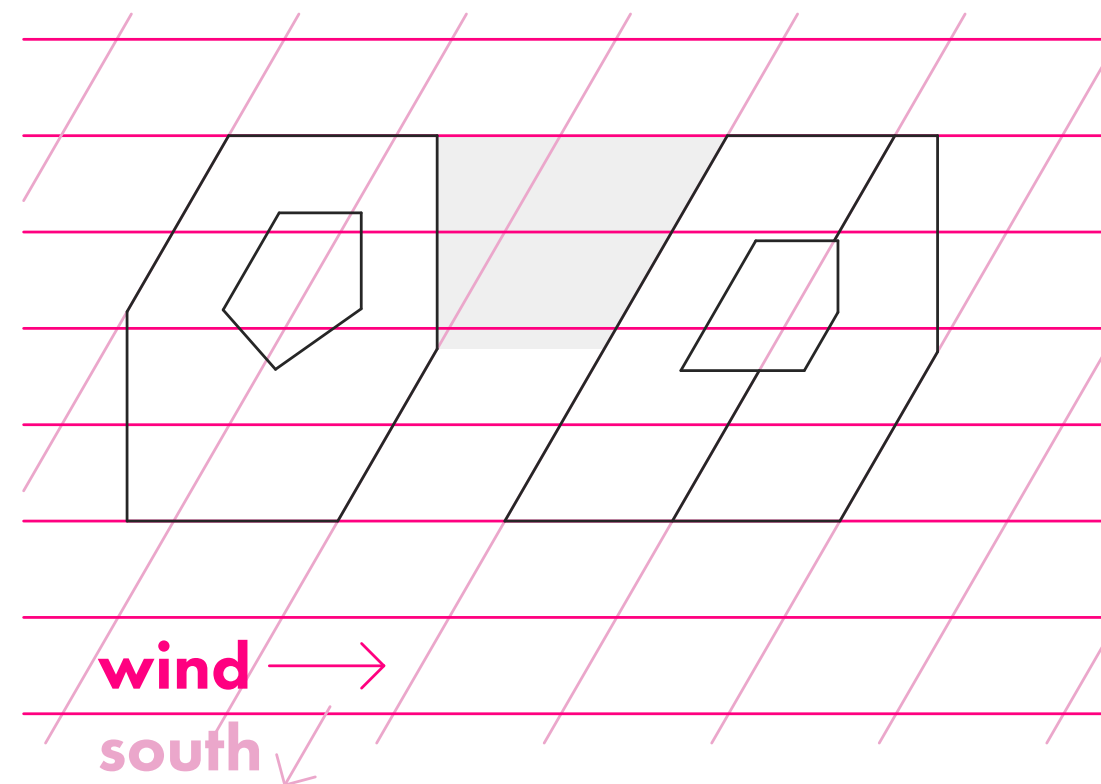
parking



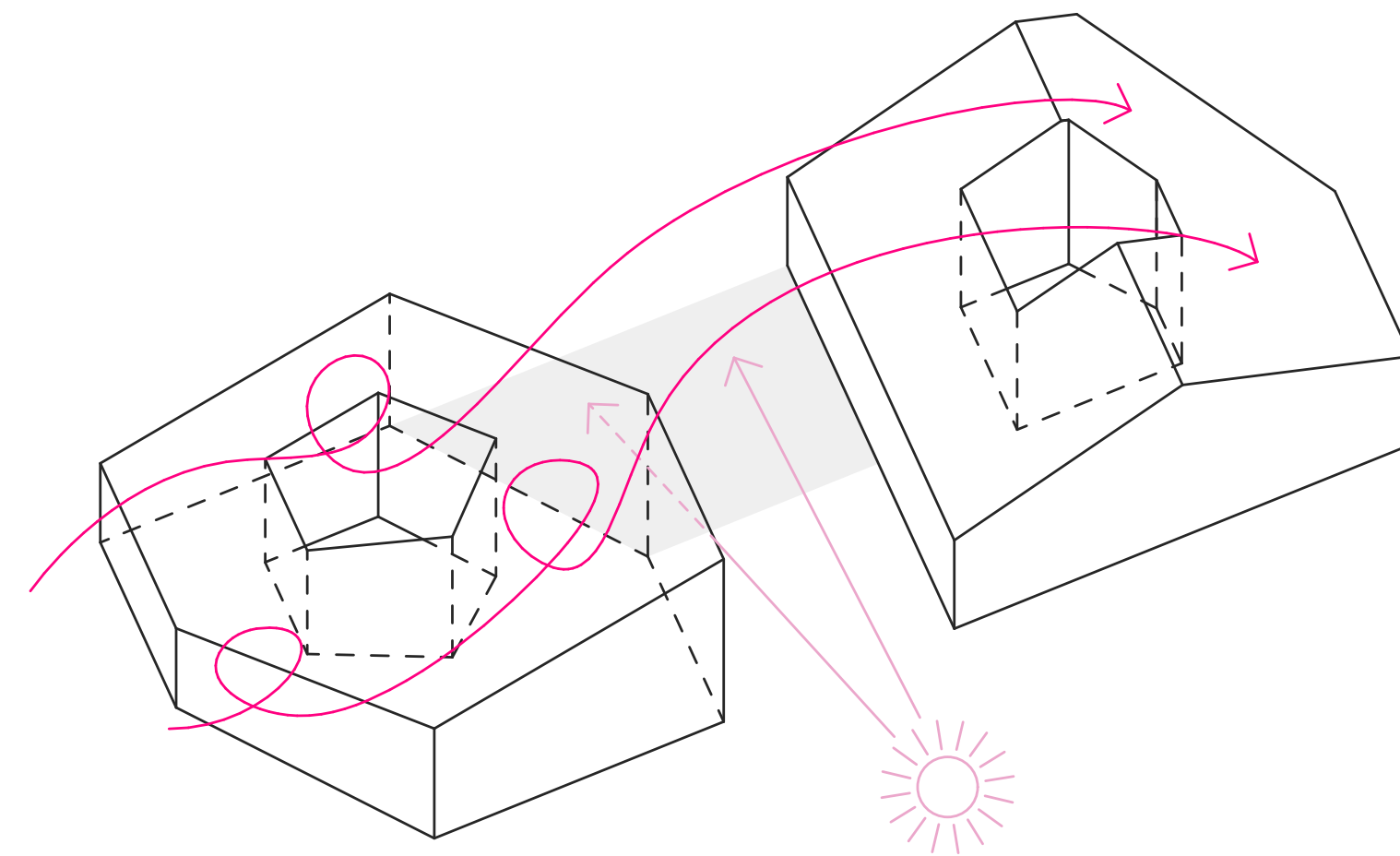
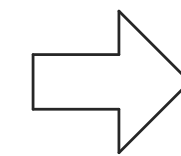
masterplan



form finding



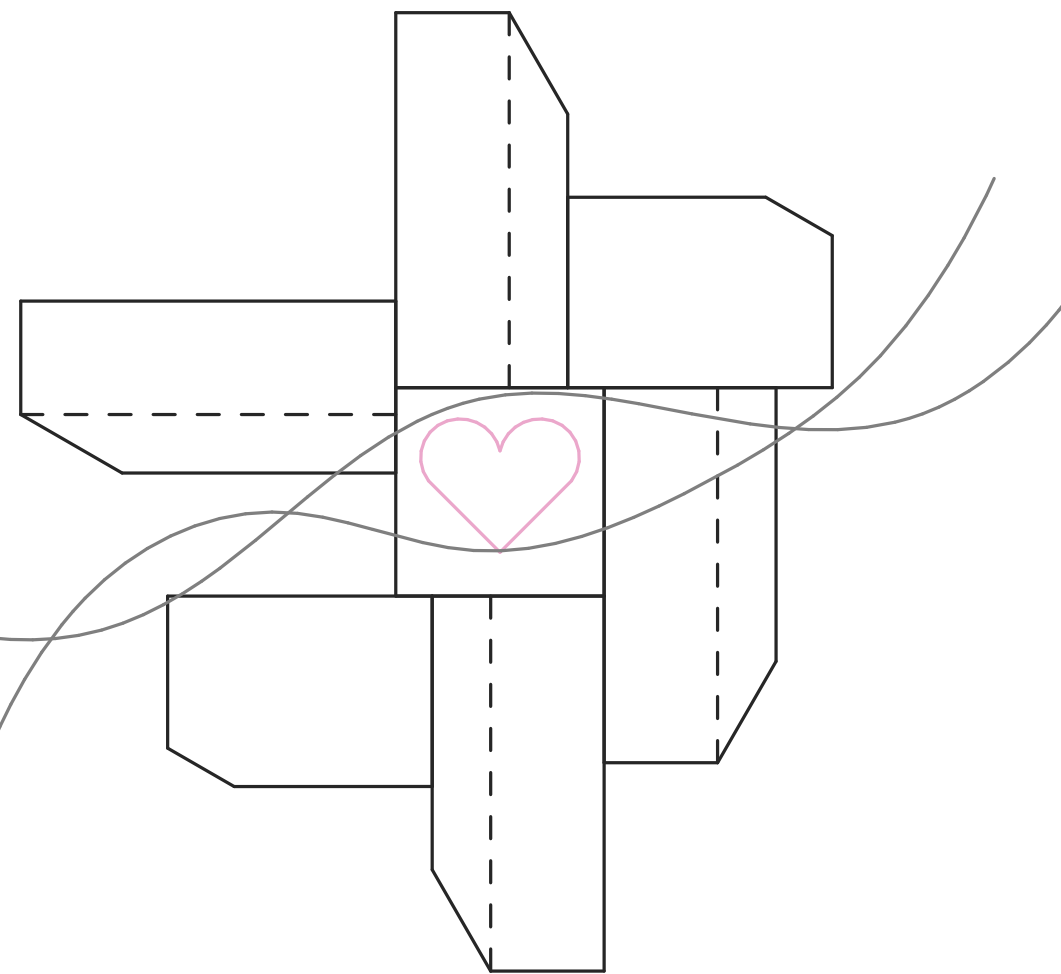
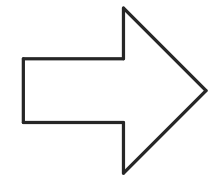
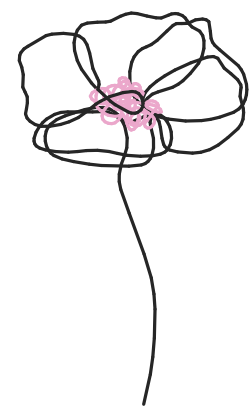
raster based on climat conditions



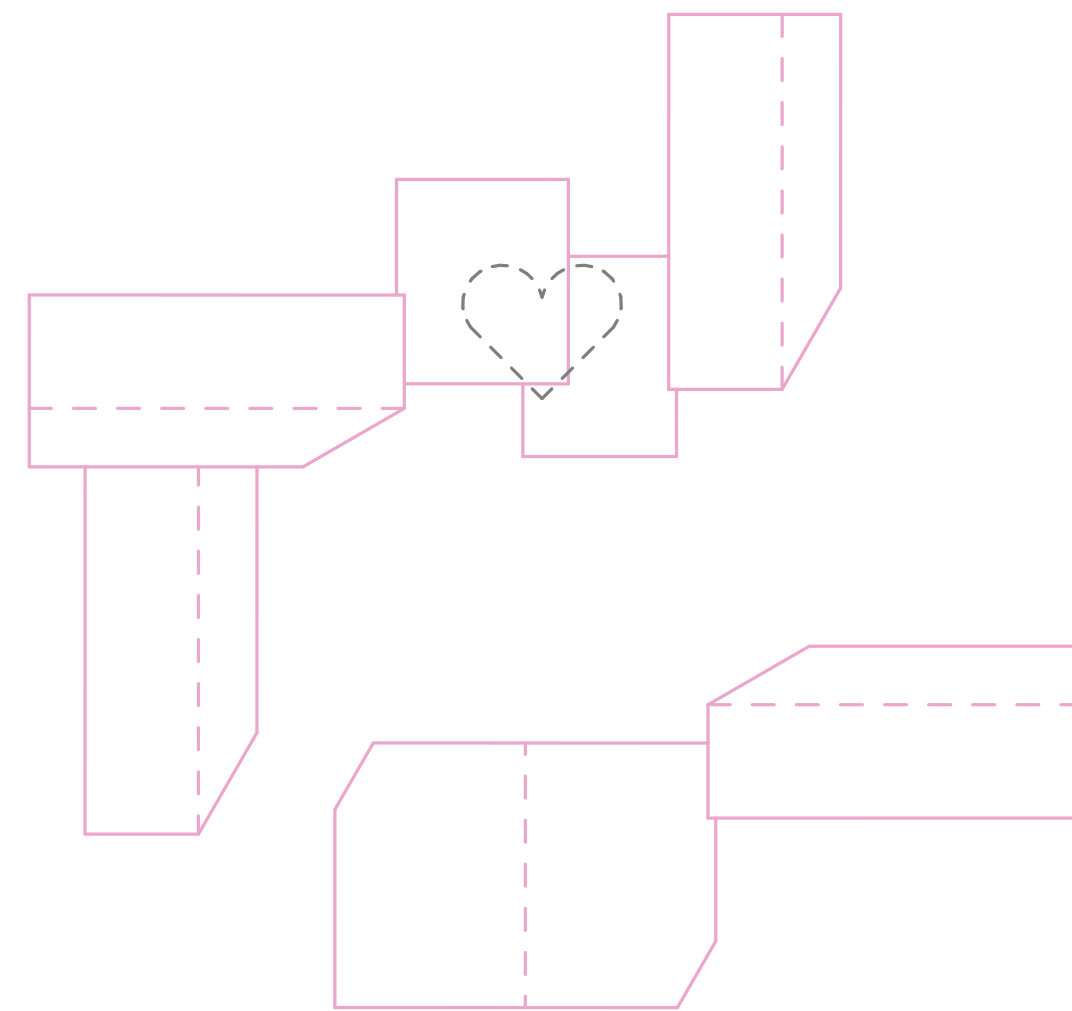
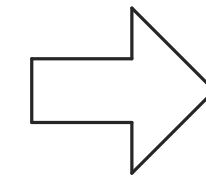
creating shelterd outdoor space

form finding

flower as a symbol of
flourishing

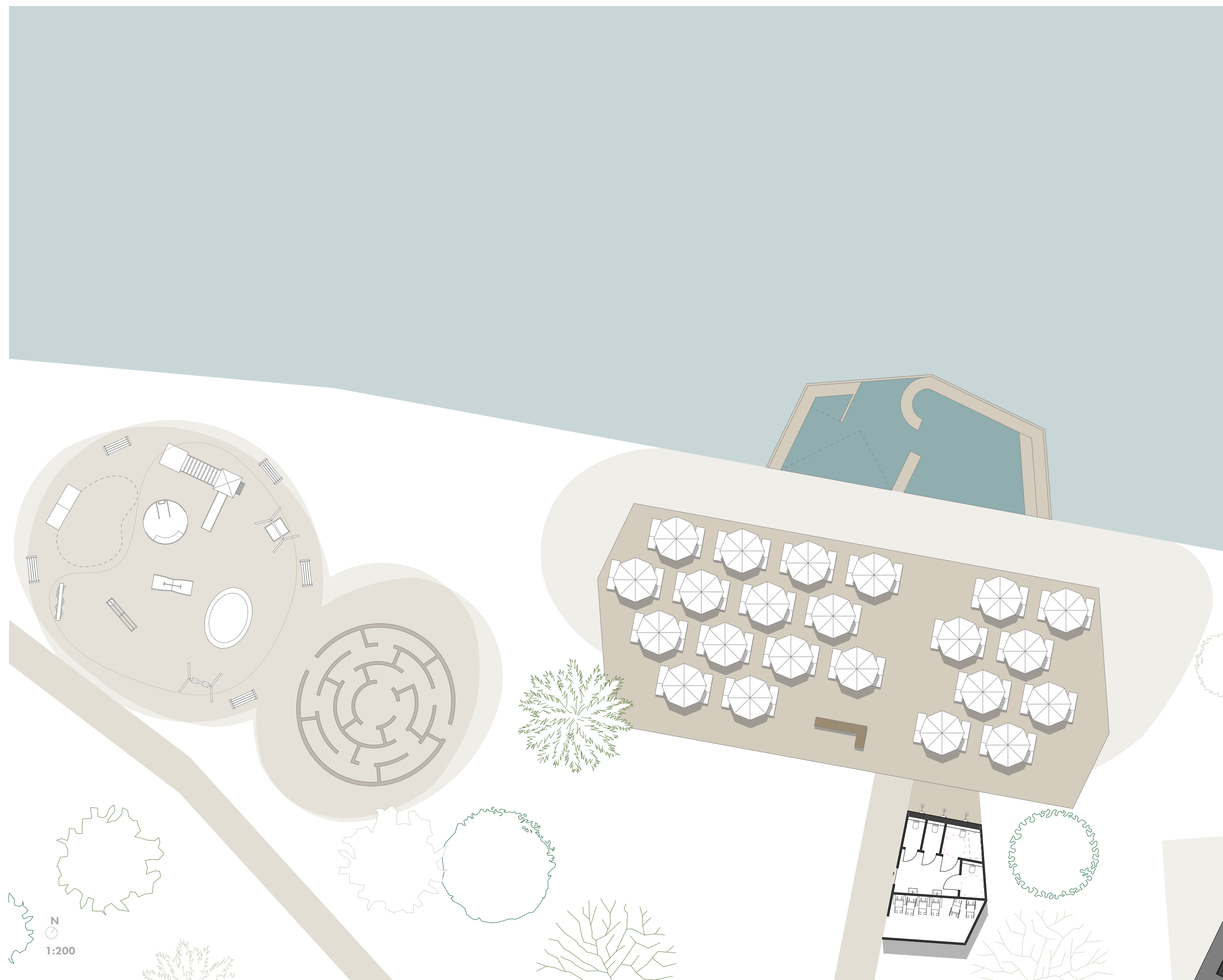


petals (apartments) are kept together by core
(bathroom & kitchen)



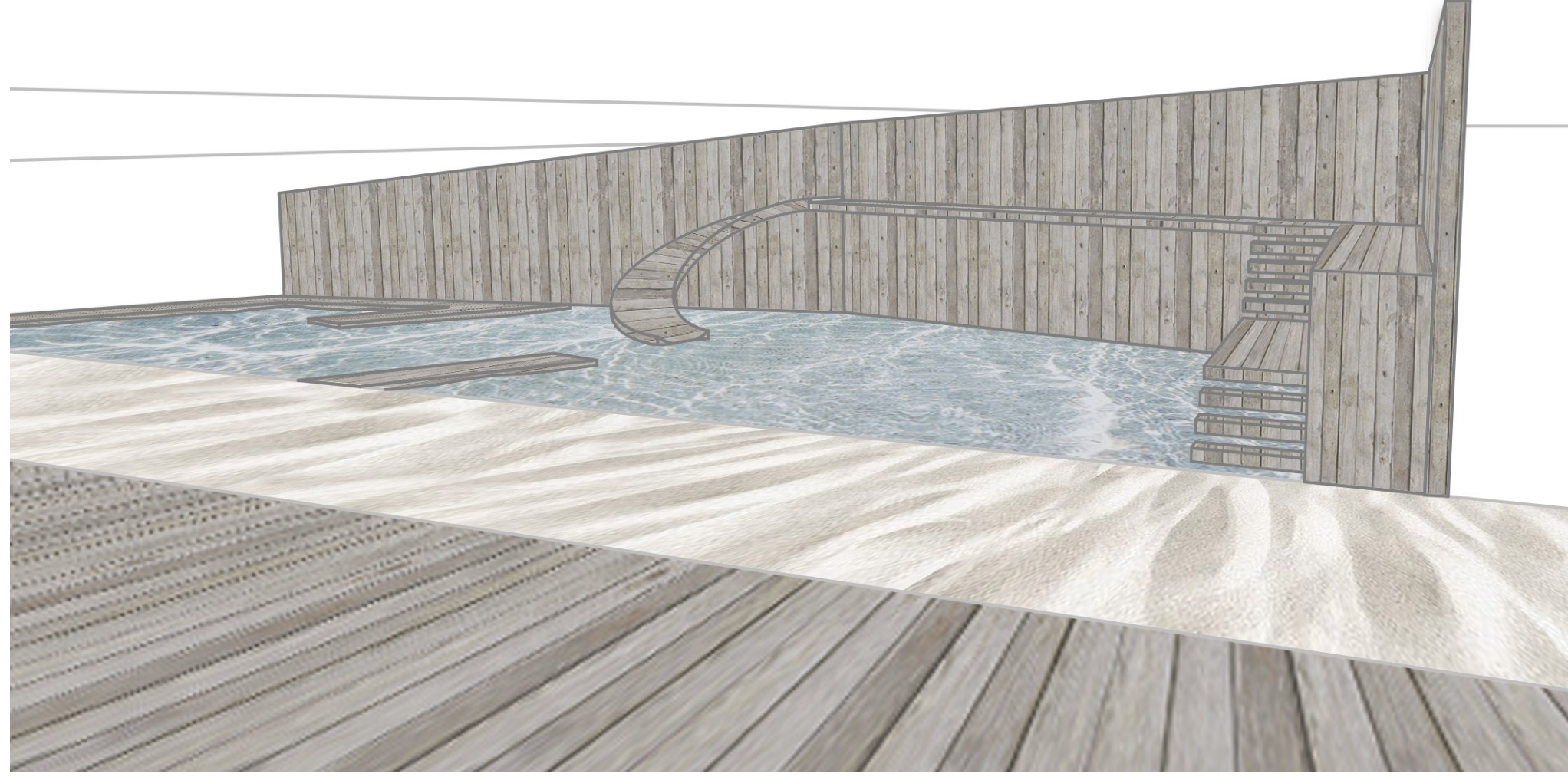
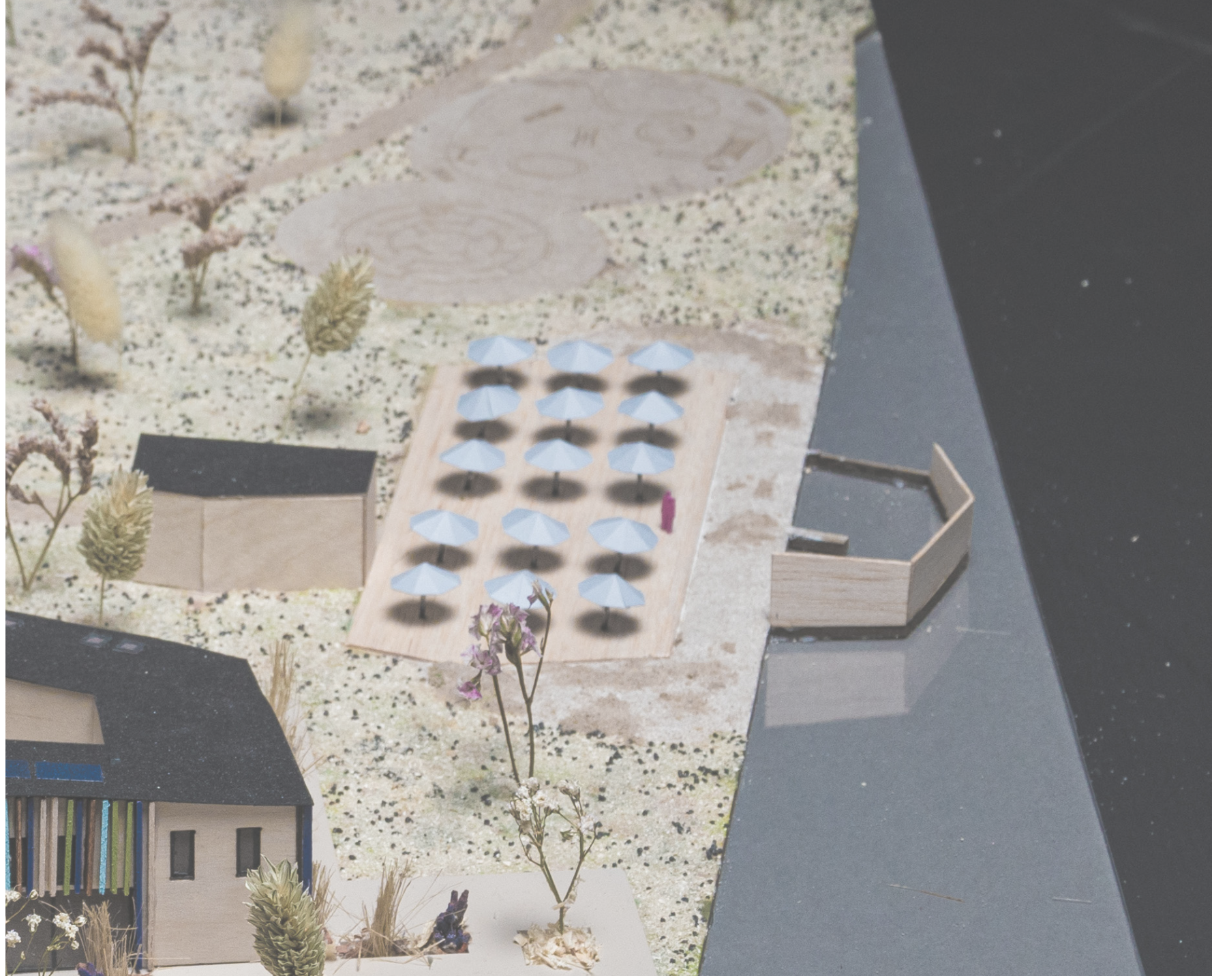
breaking it up to create communal patio

pool & playground

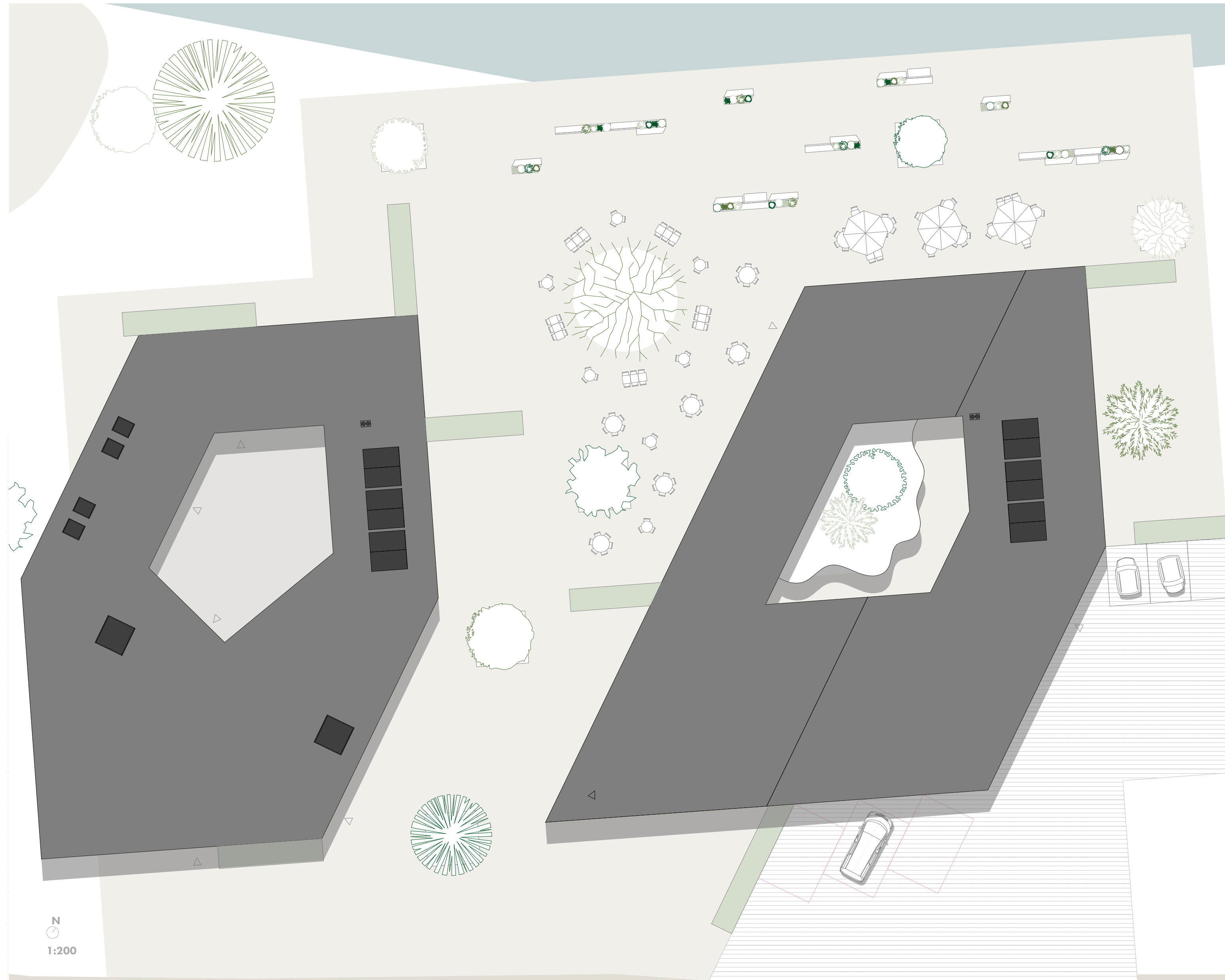


pool & playground

26

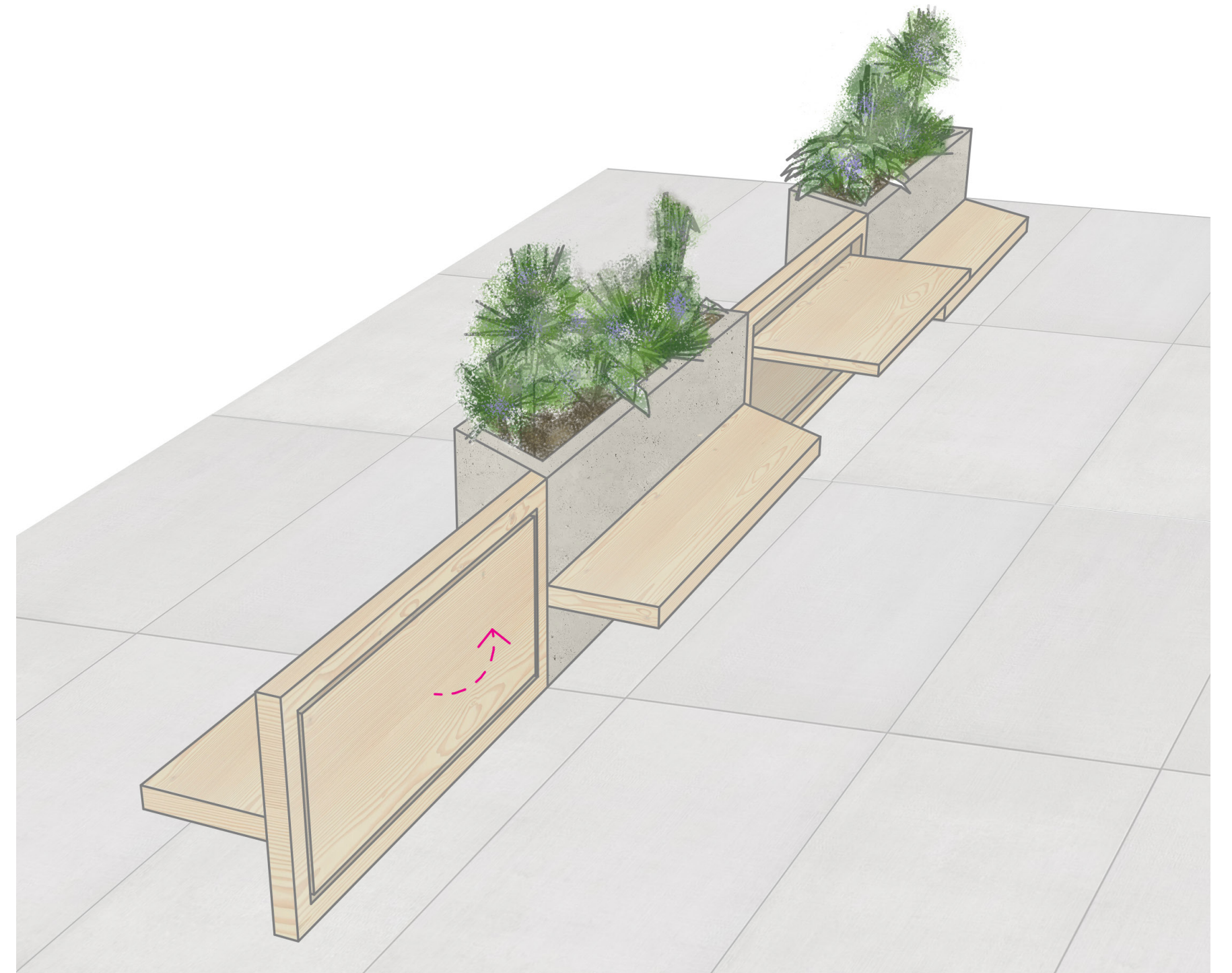
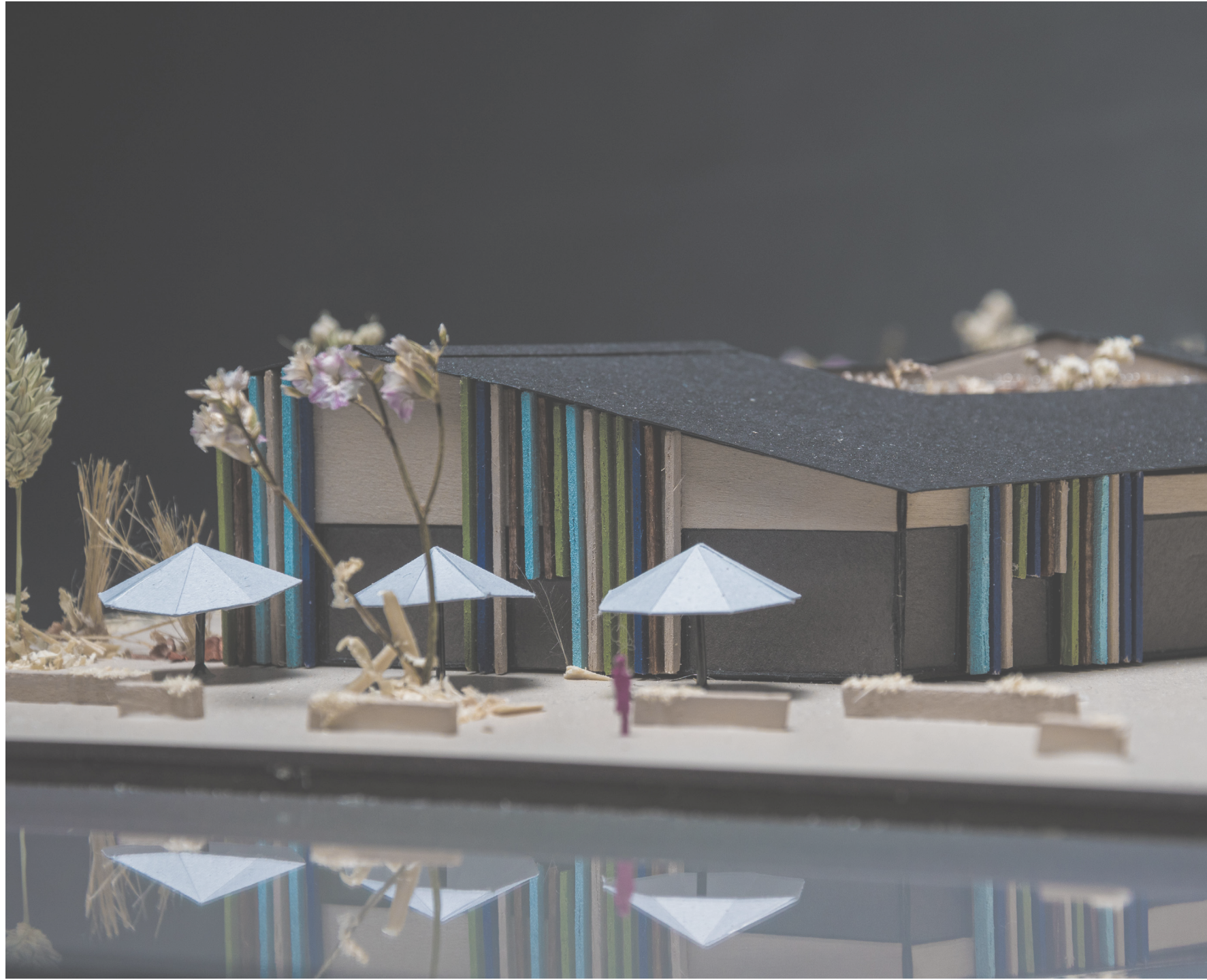


terrace



terrace

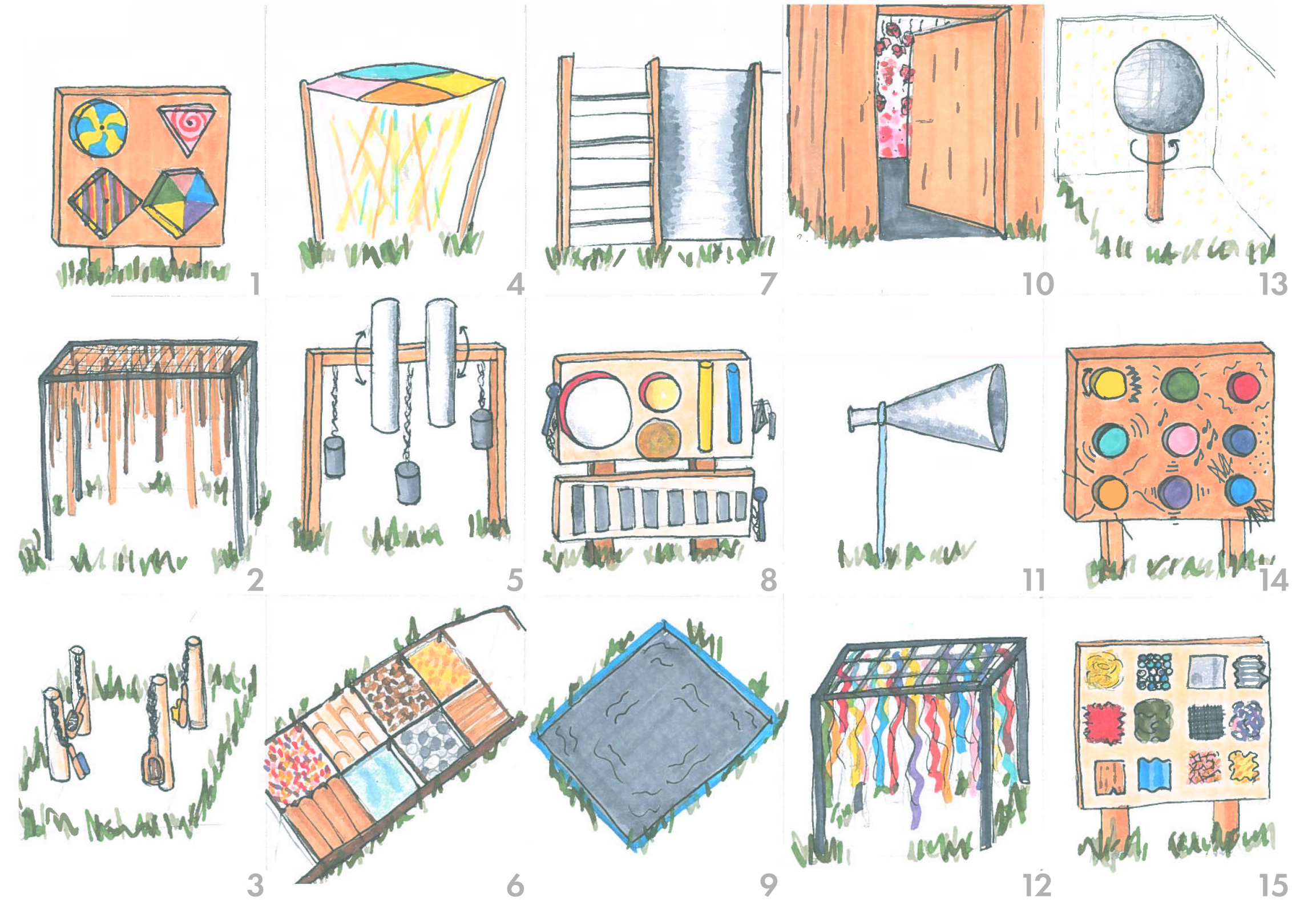
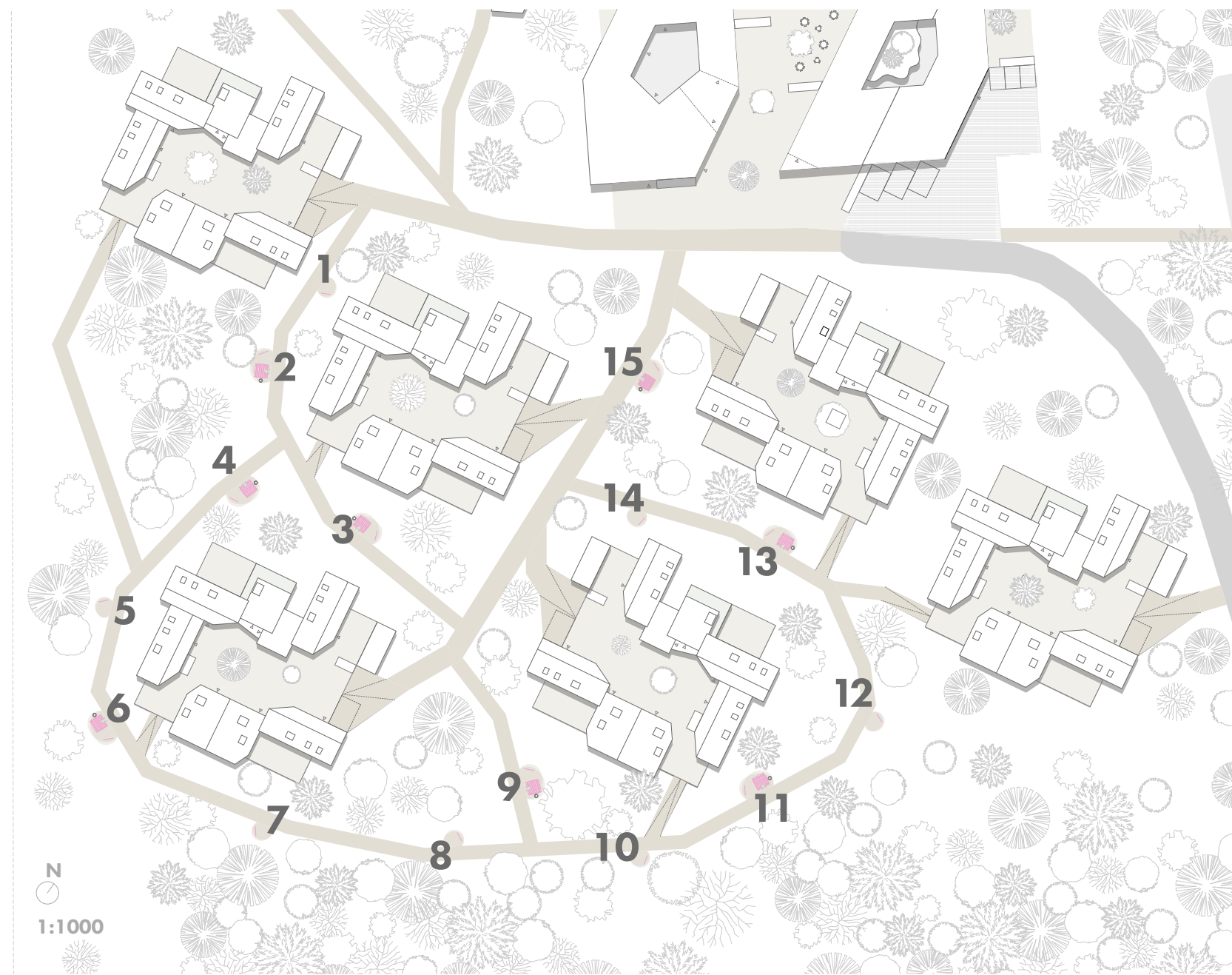
28



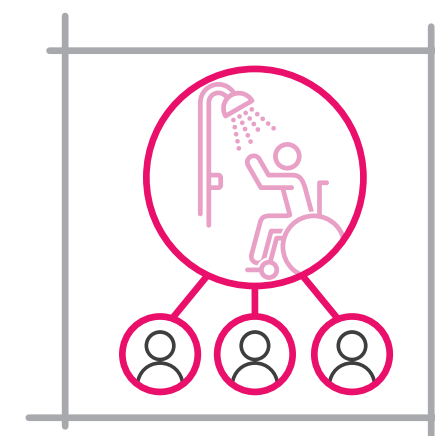
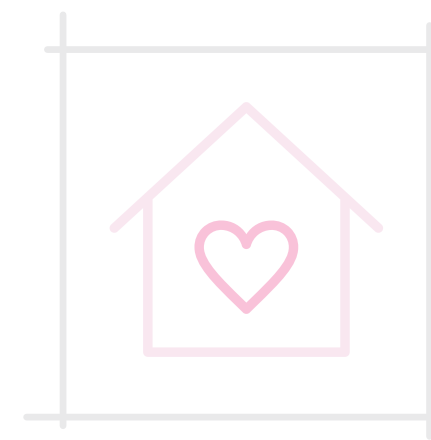
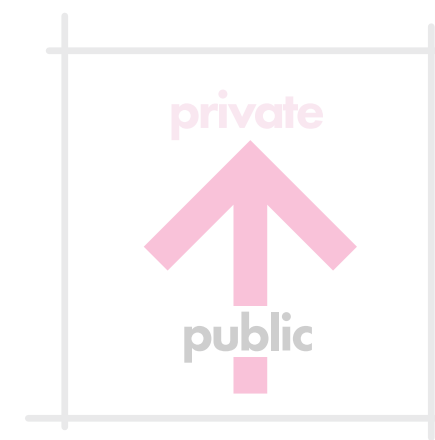
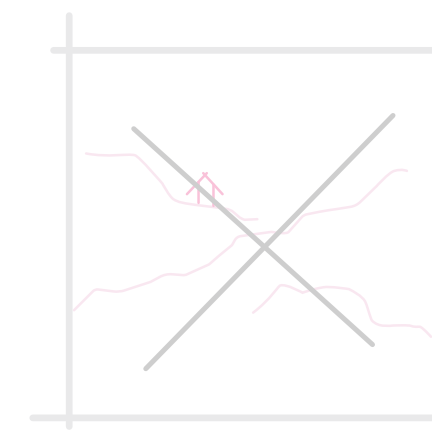
sensory trail



sensory trail



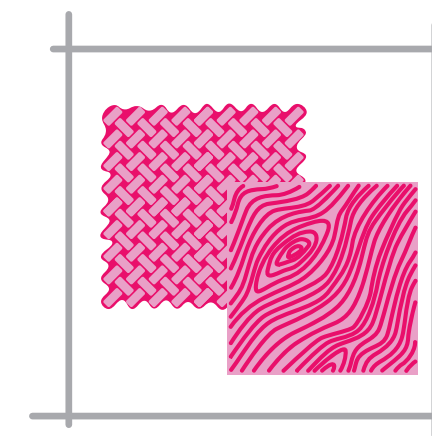
on neighbourhood level



shared adapted
bathrooms

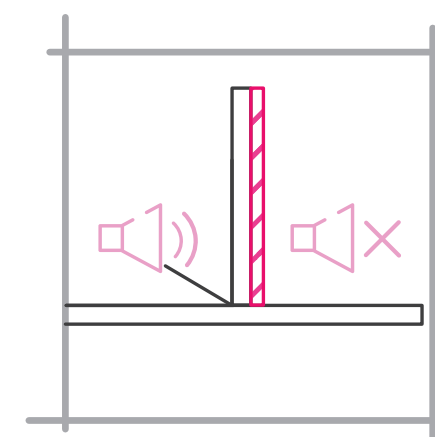


one story units in
clusters

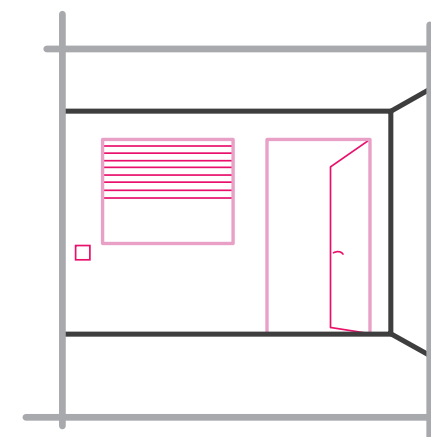


use of natural
material

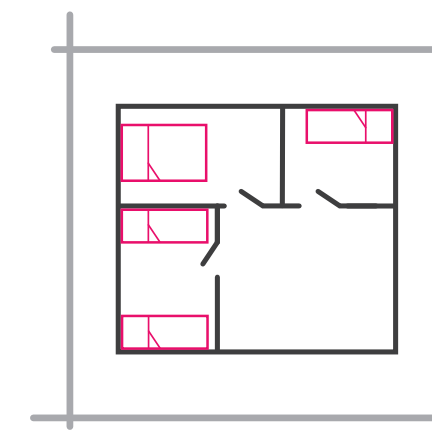
on detail level



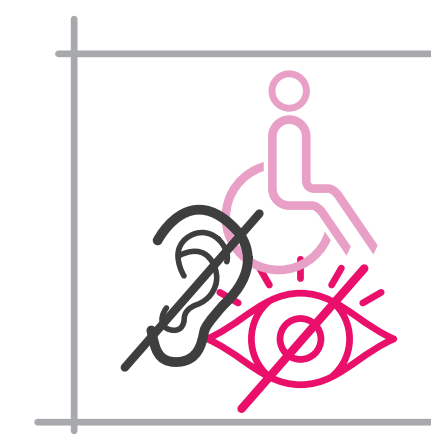
sound insulation for
units



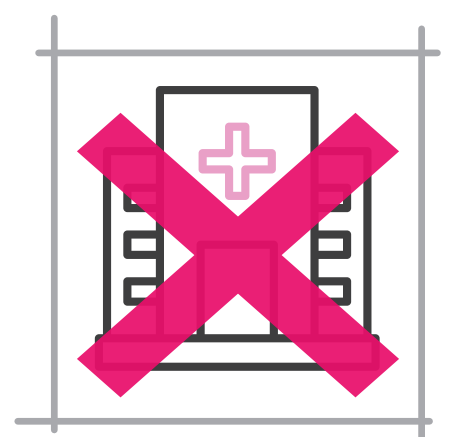
many windows
that can be "used"
independently



seperated bed-
rooms



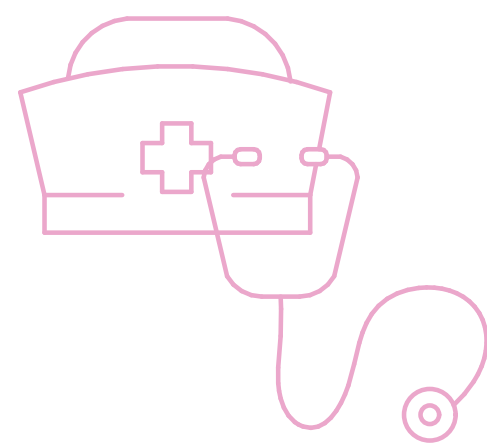
adaptable to different
needs



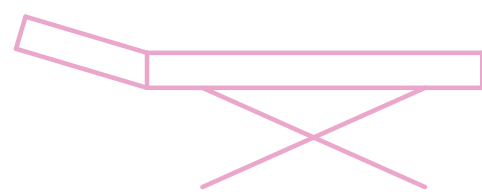
eliminate the hospital
look

programme

nurses office & bedrooms



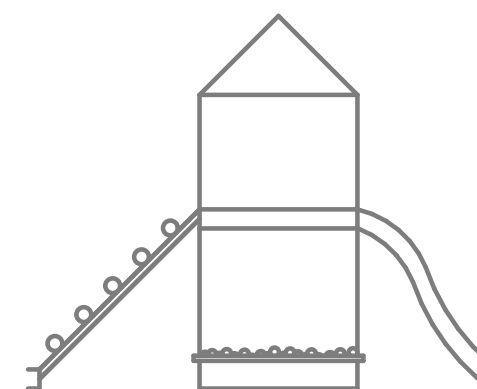
treatment rooms



snoezel room



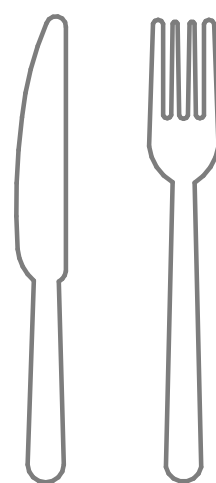
kids club



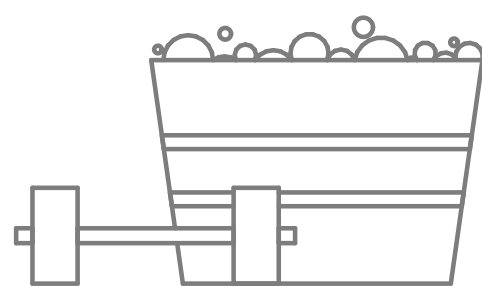
collective kitchen & laundry rooms



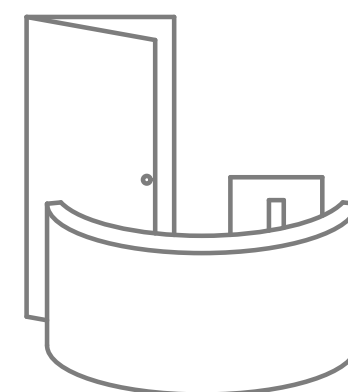
restaurant



well-being & fitness area
in adults-only zone



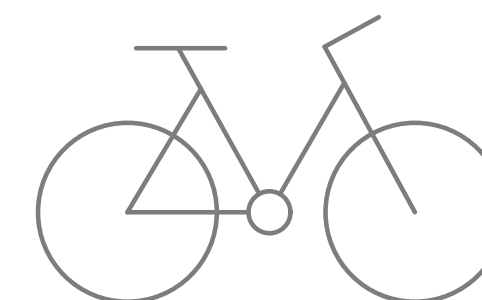
reception & administration



storage & housekeeping



bicycle renting
& storage

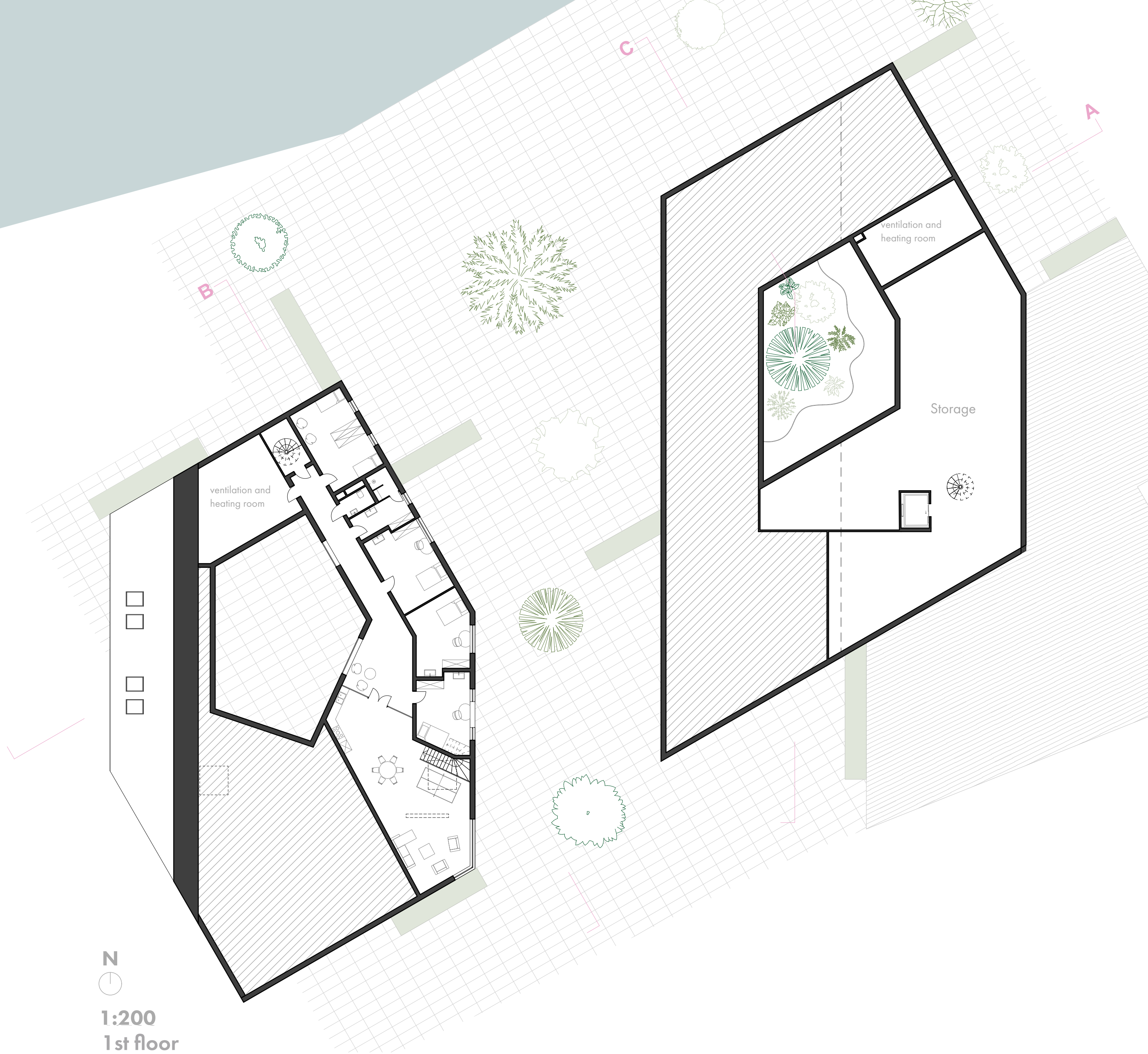


the hub

33



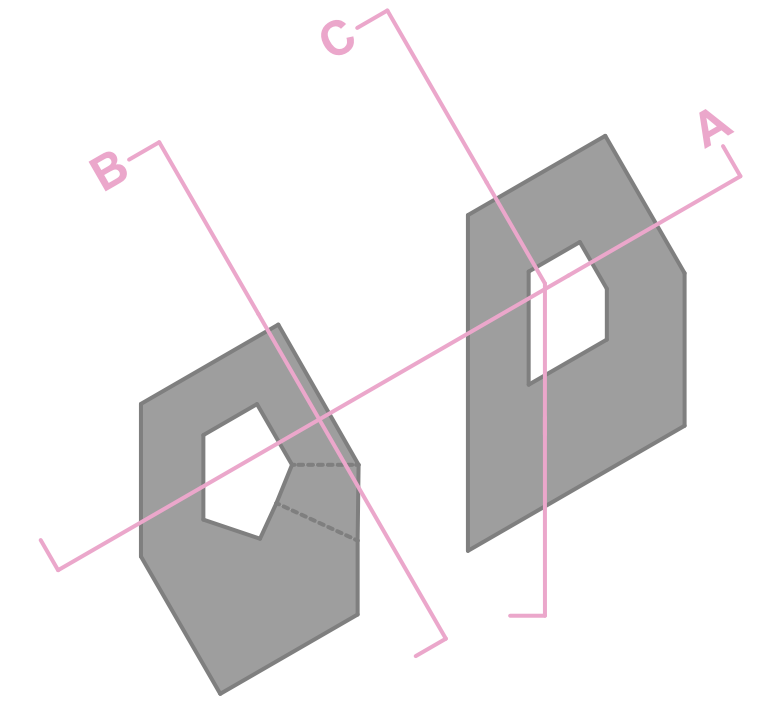




N
1:200
1st floor



1:200
section A

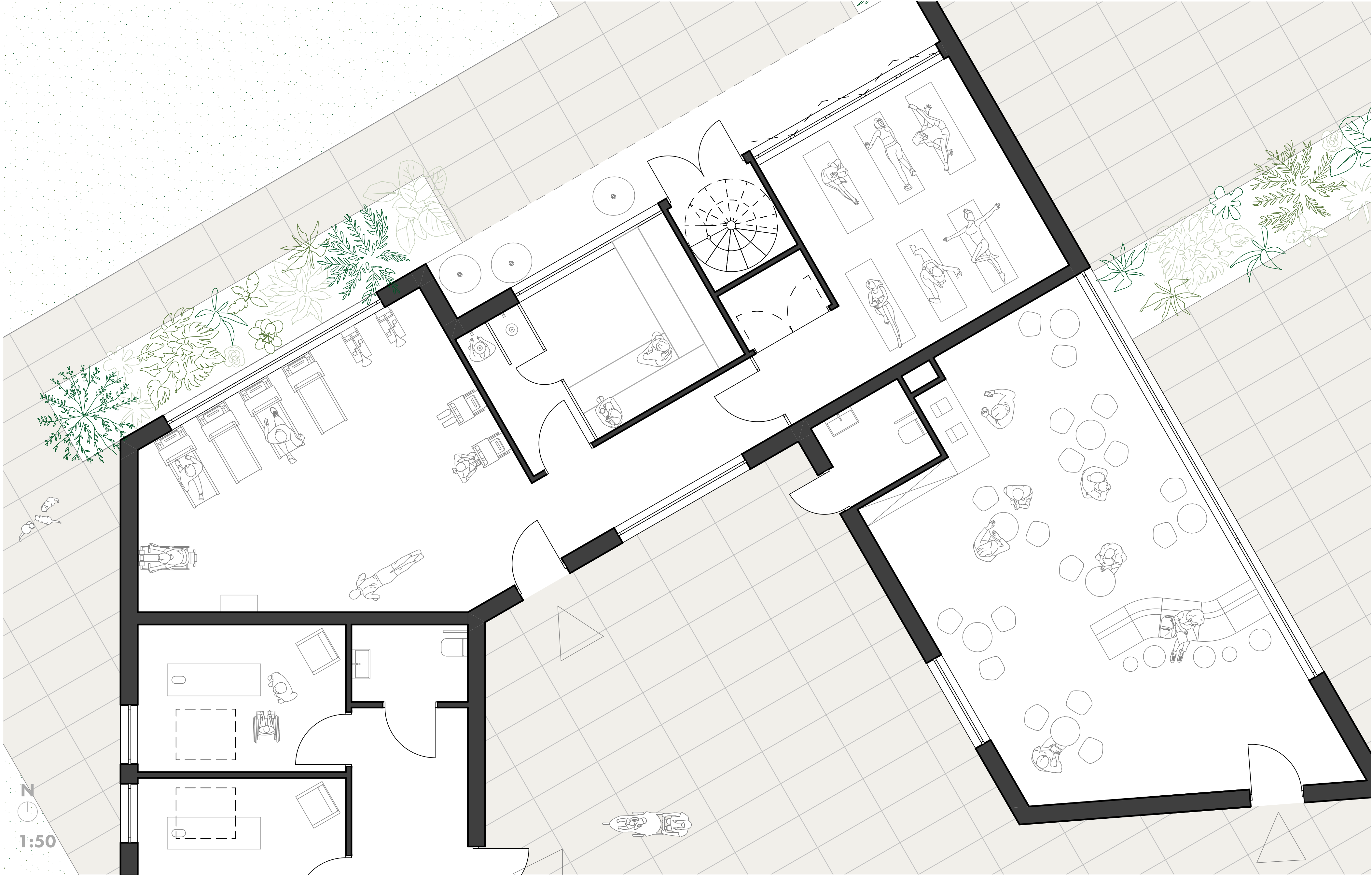


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section B

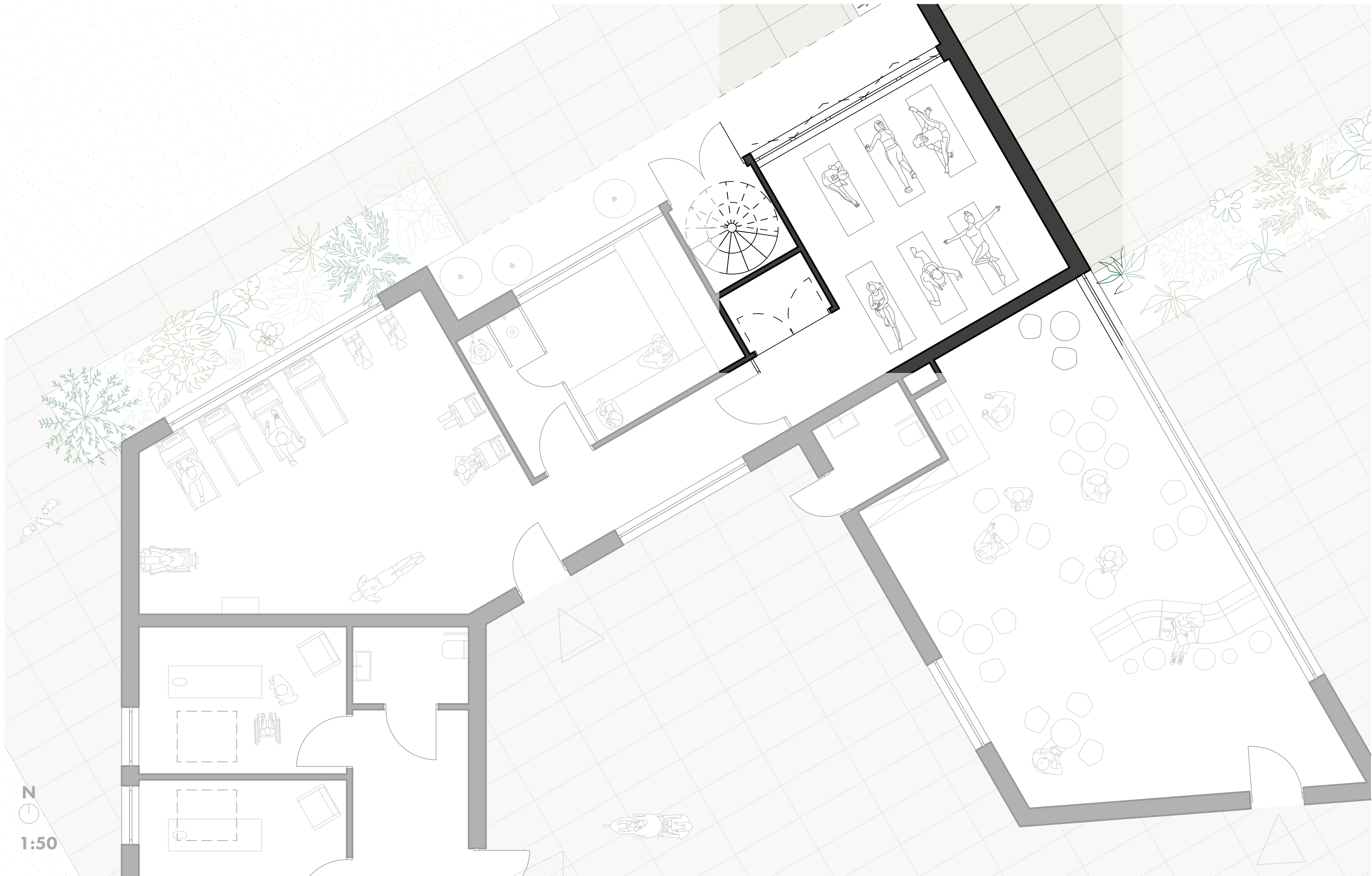


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section C

“parents-only” zone

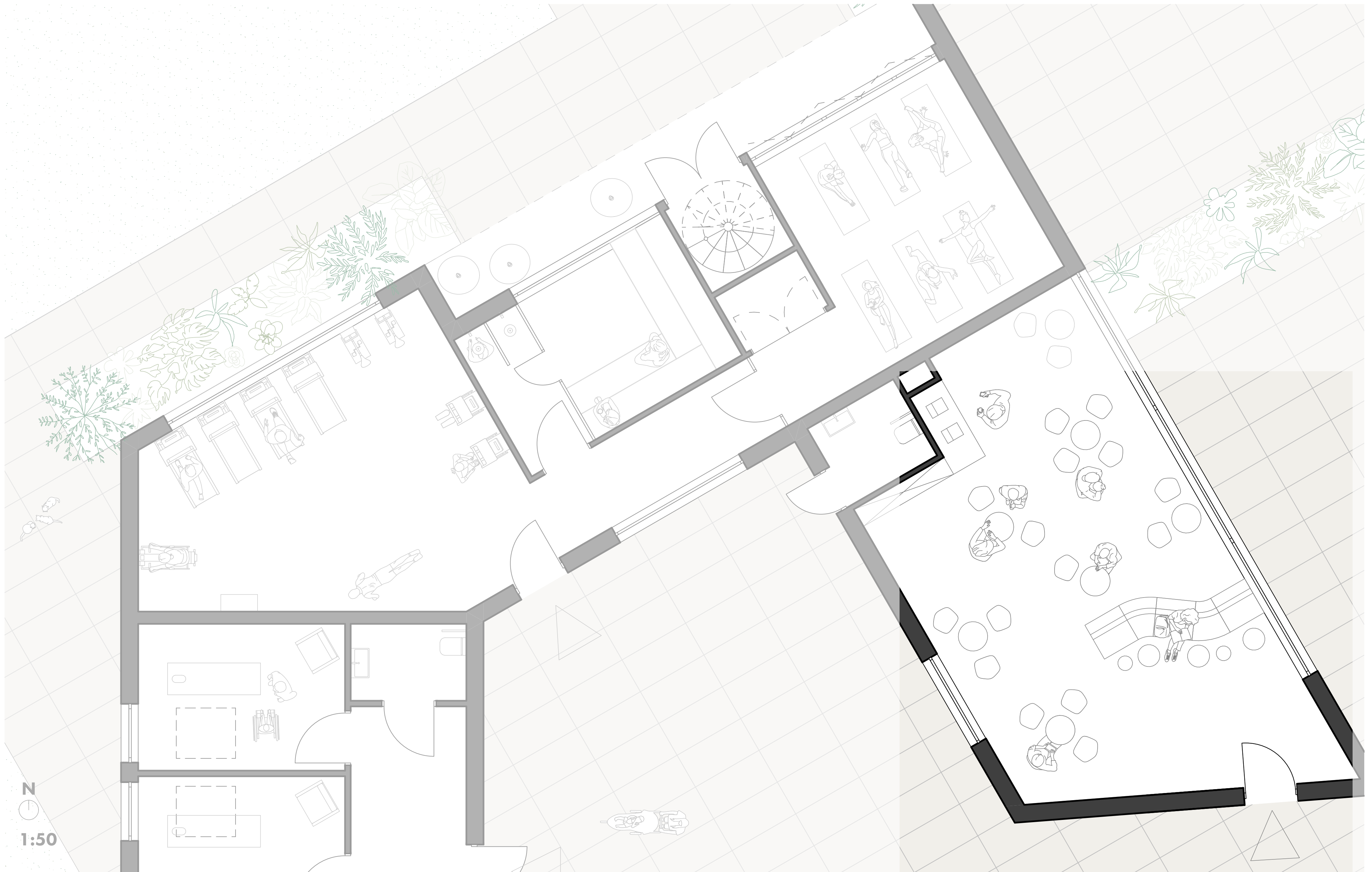


well-being



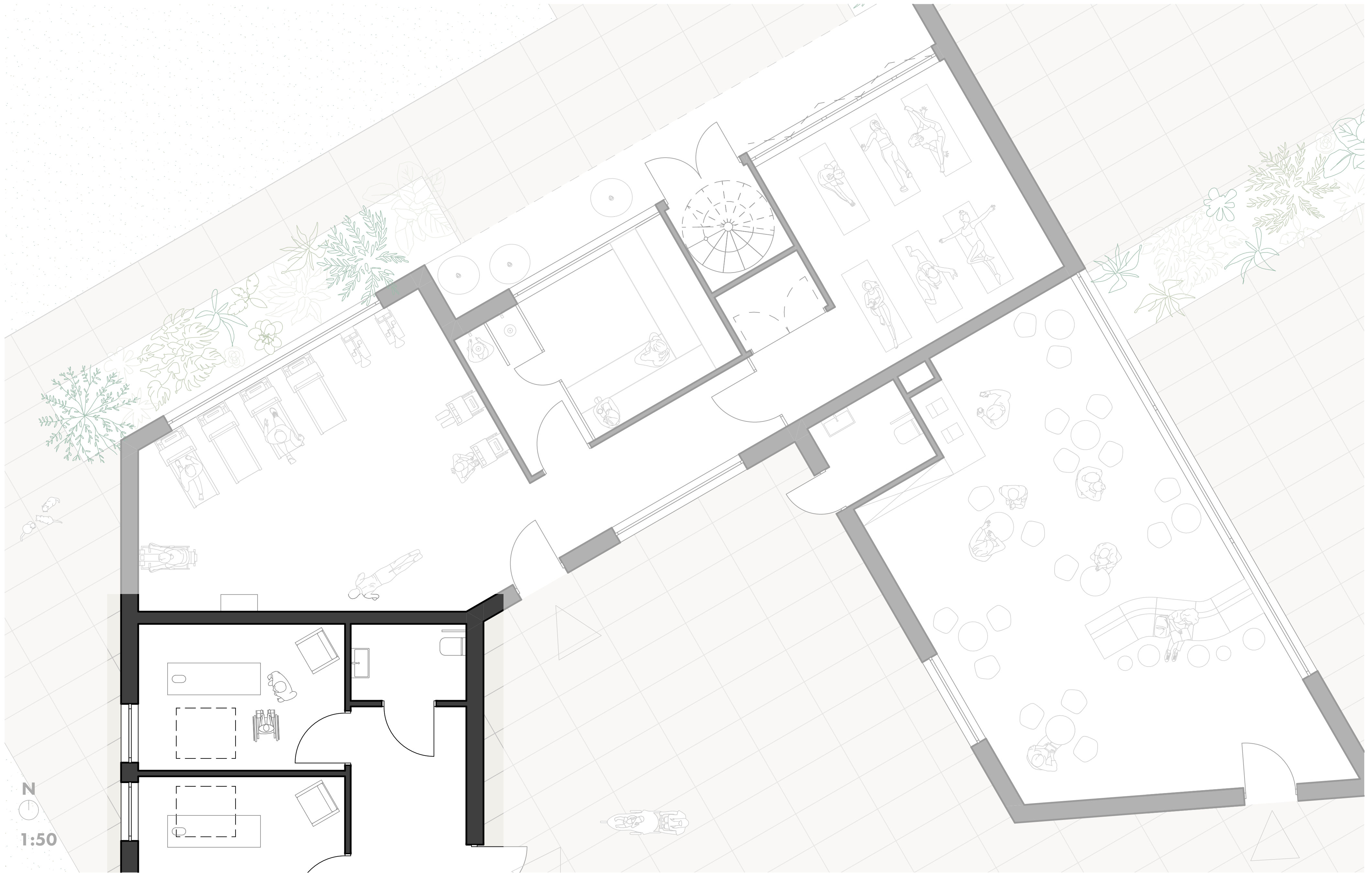


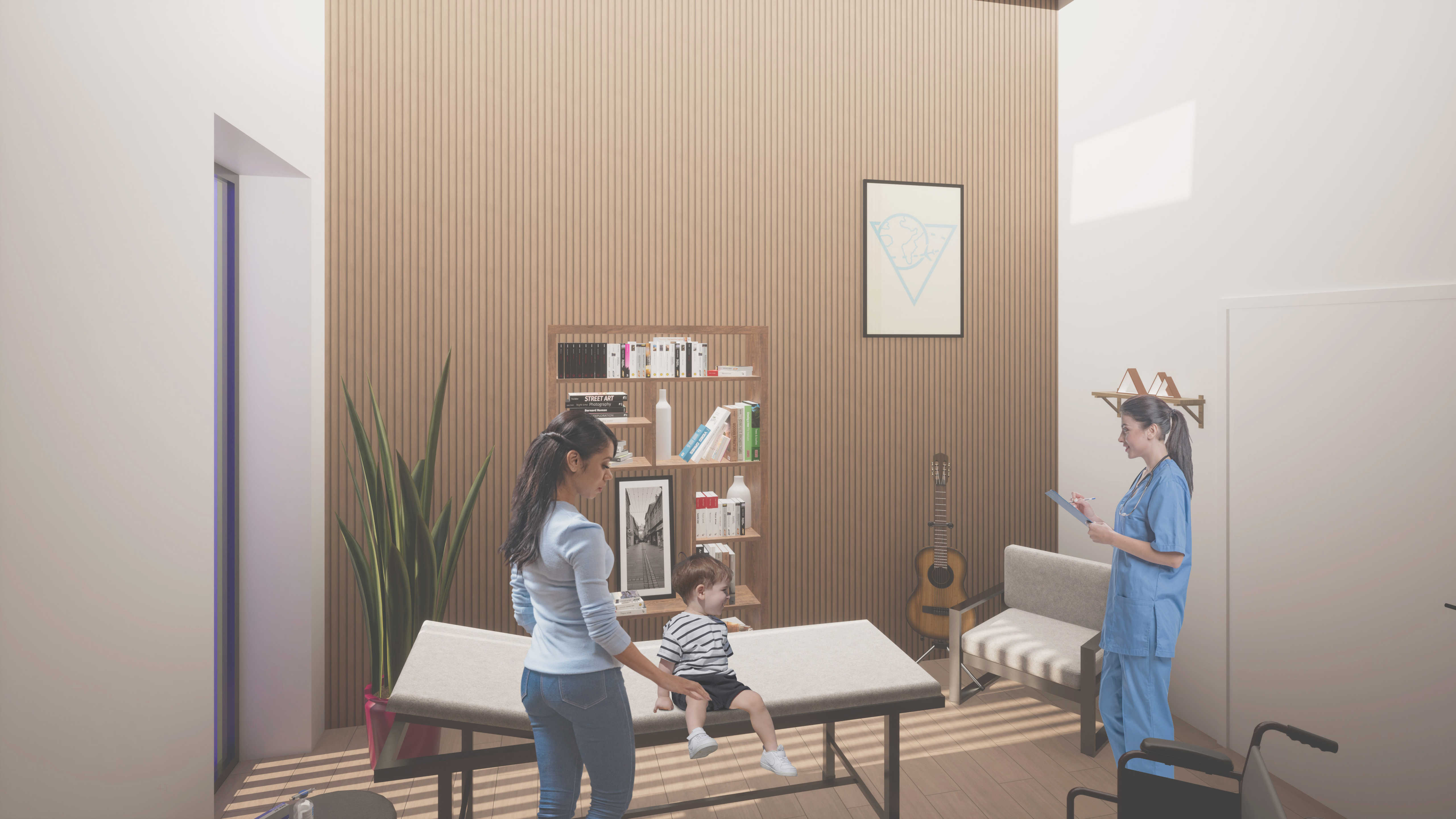
café





treatment





group therapy

N
1:50

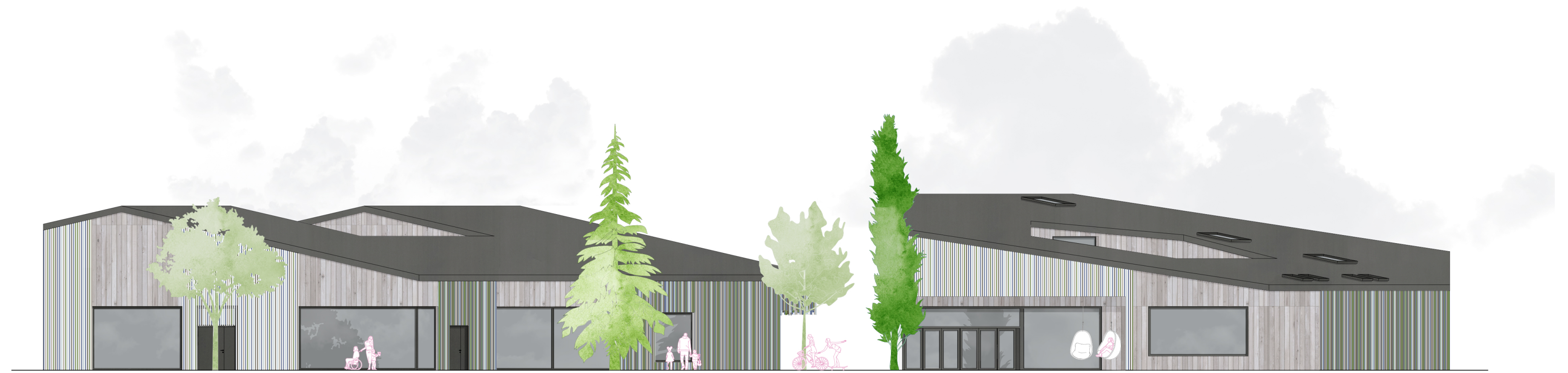




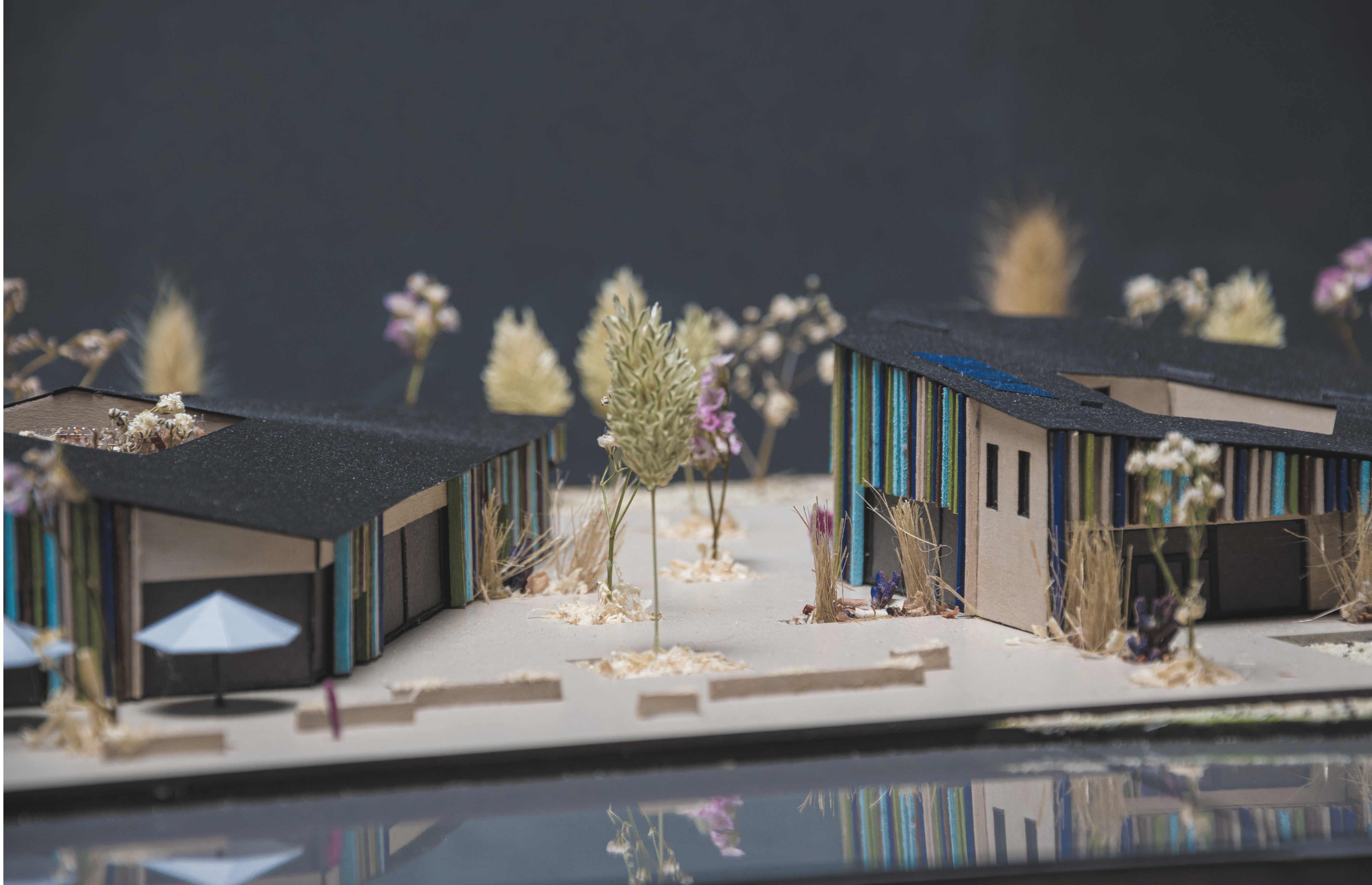
kids club





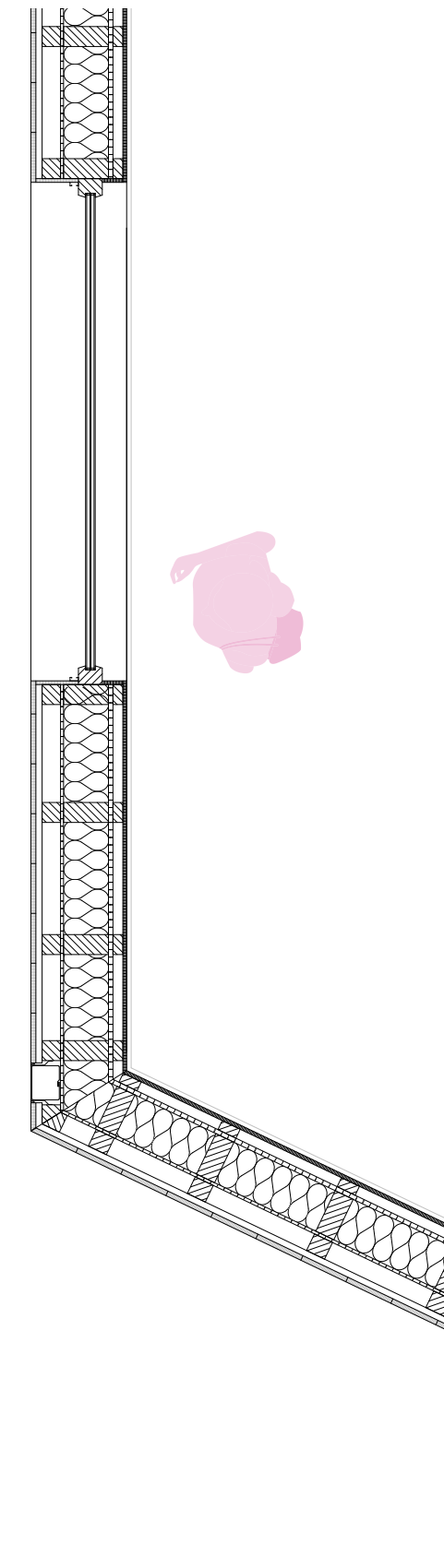
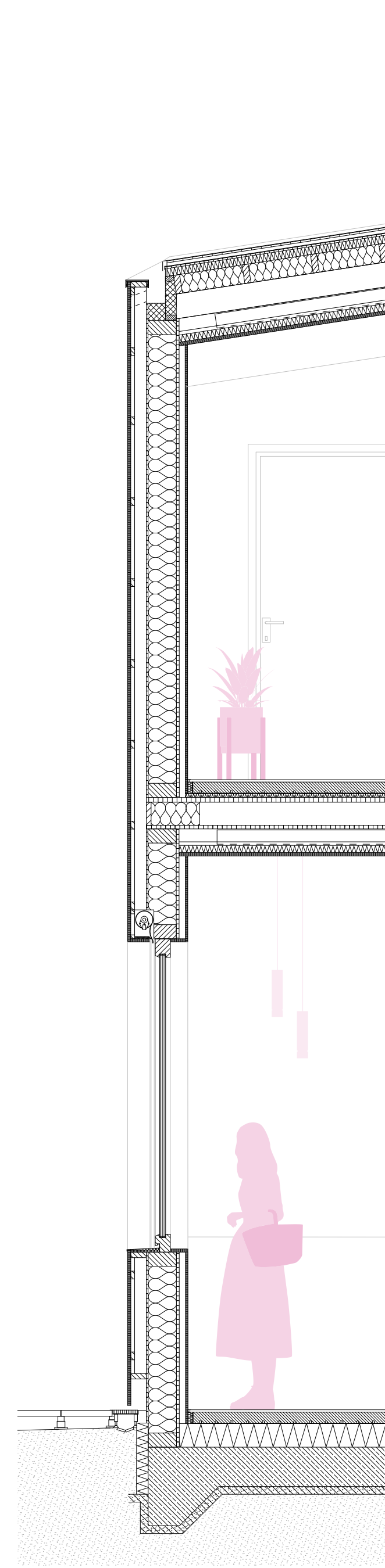
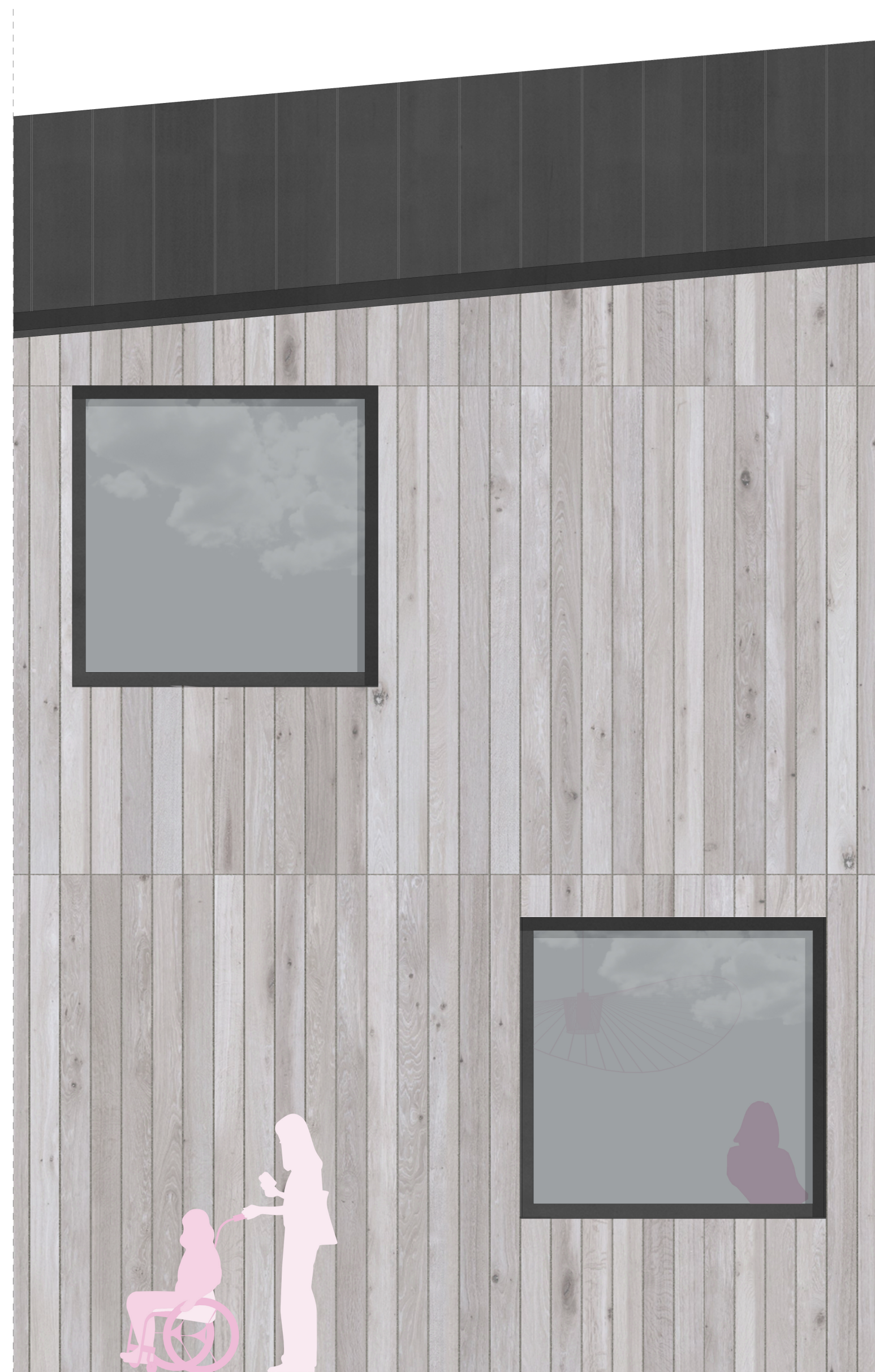


north elevation



facade

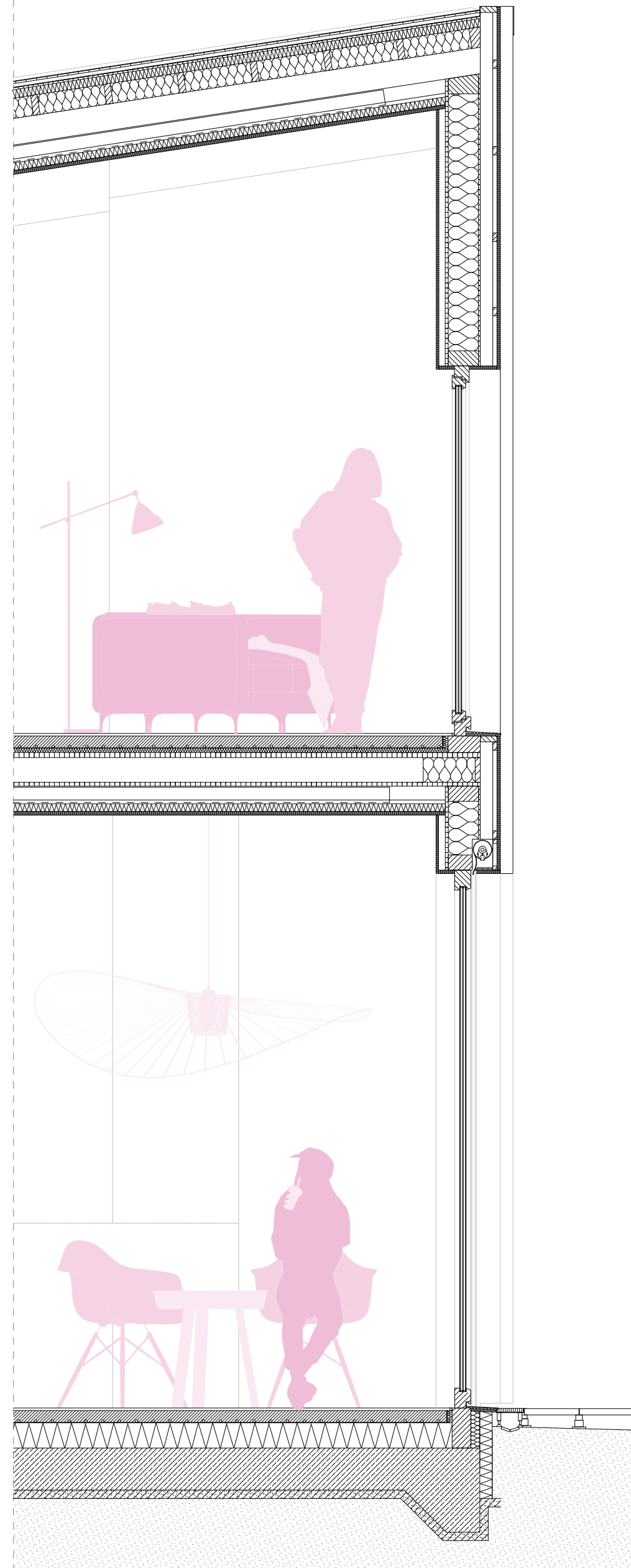
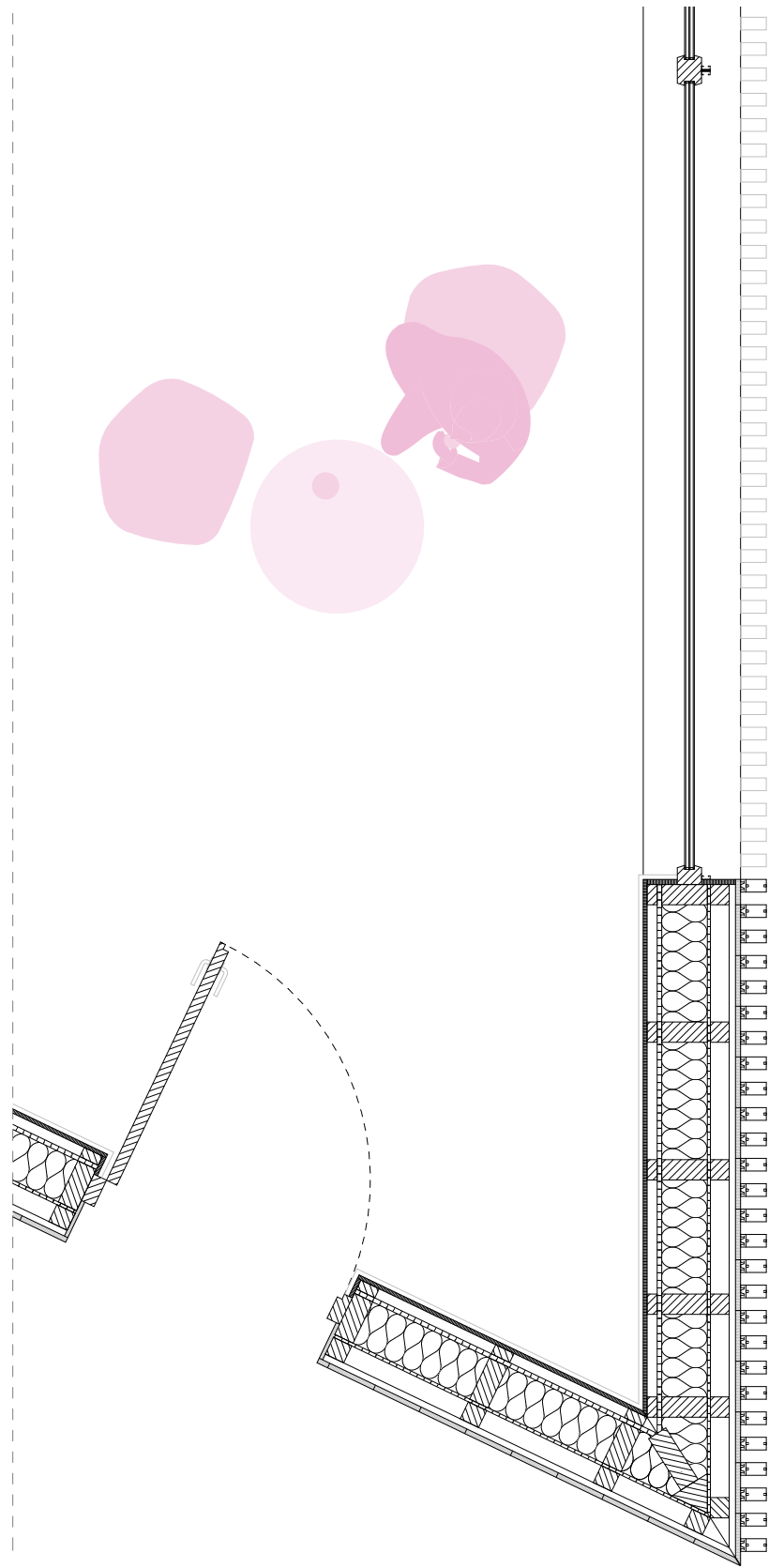
50



inner courtyard facade

facade

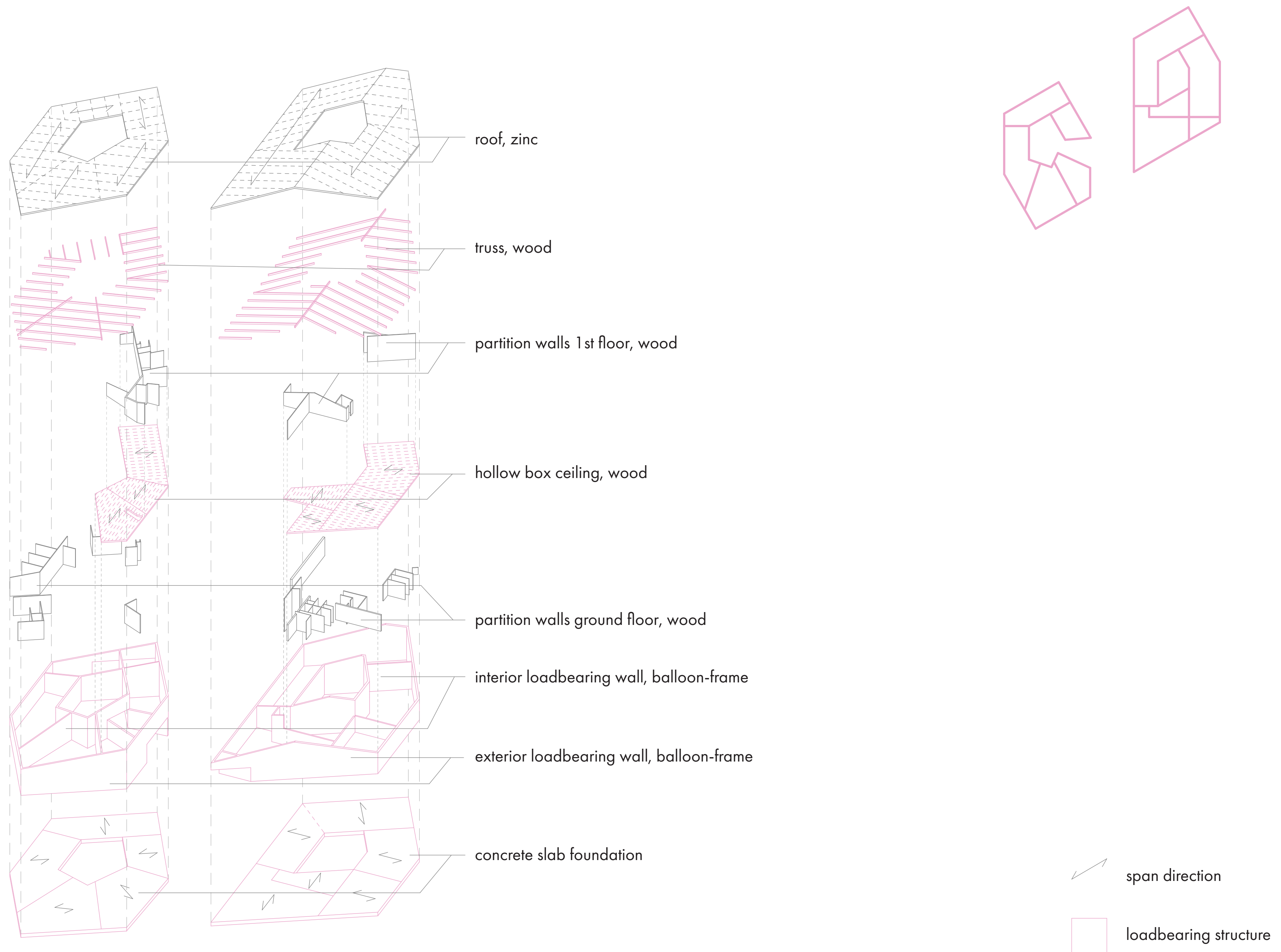
51



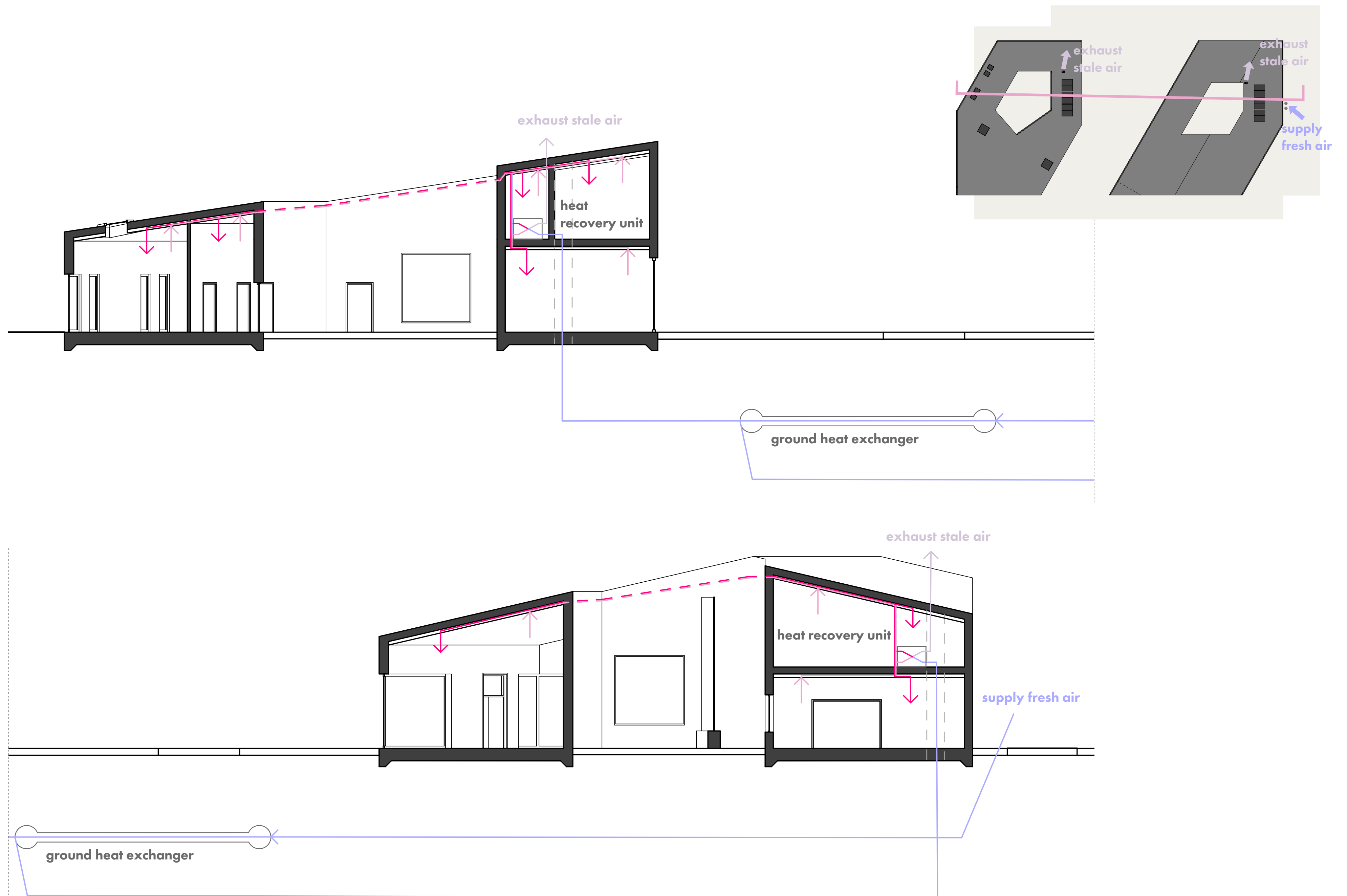
main facade

construction

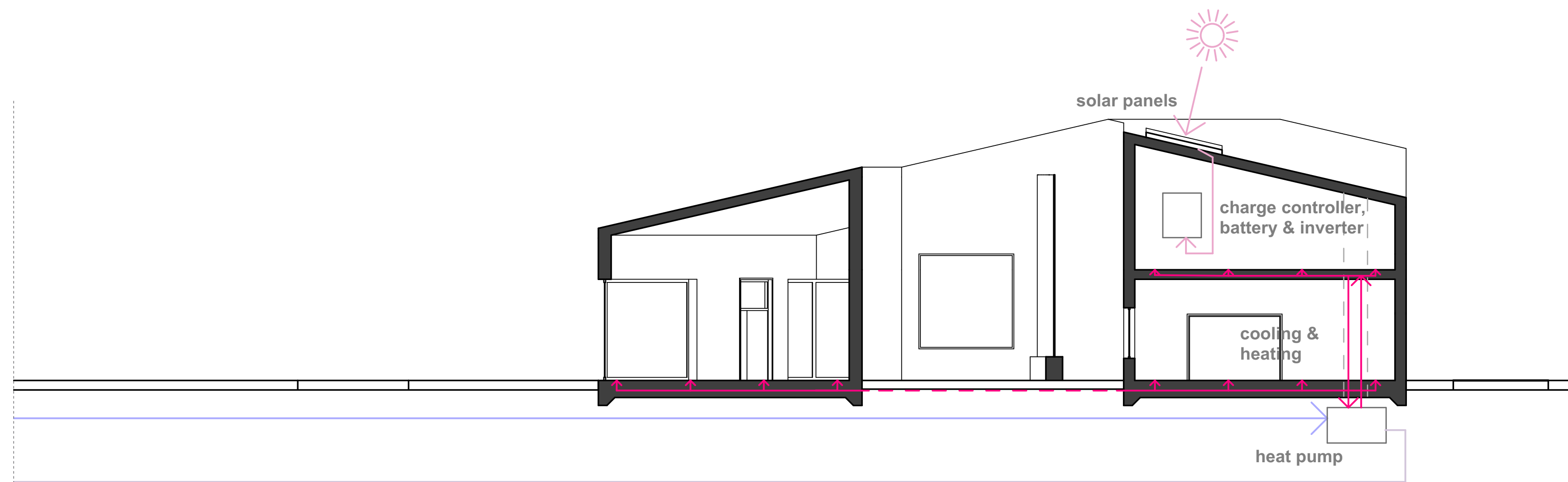
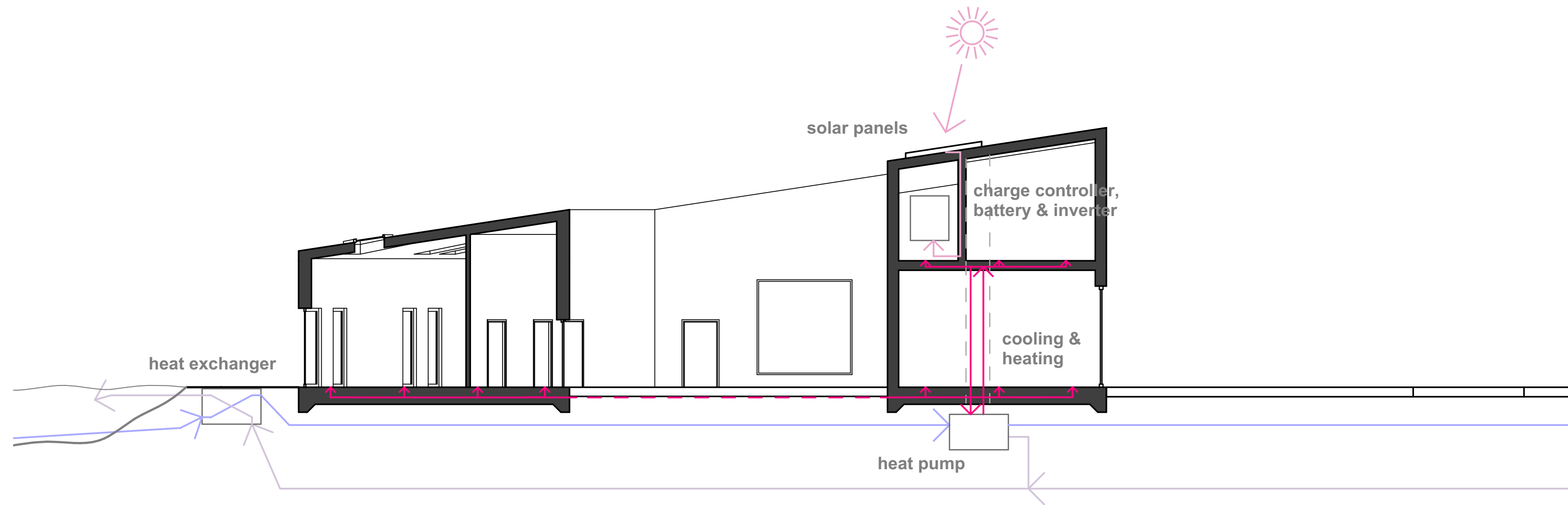
52



ventilation



energy



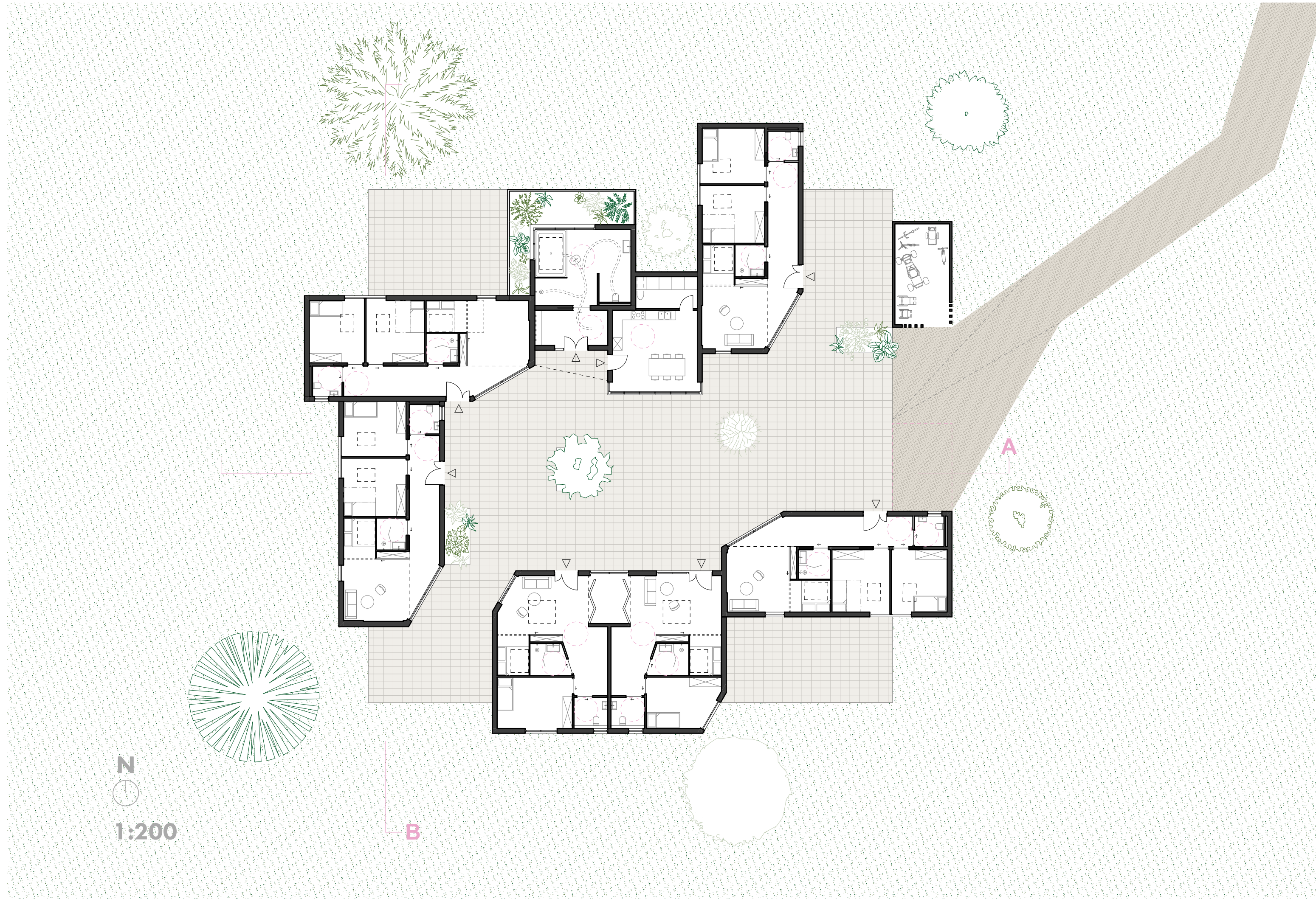
the cluster

55



the cluster

56

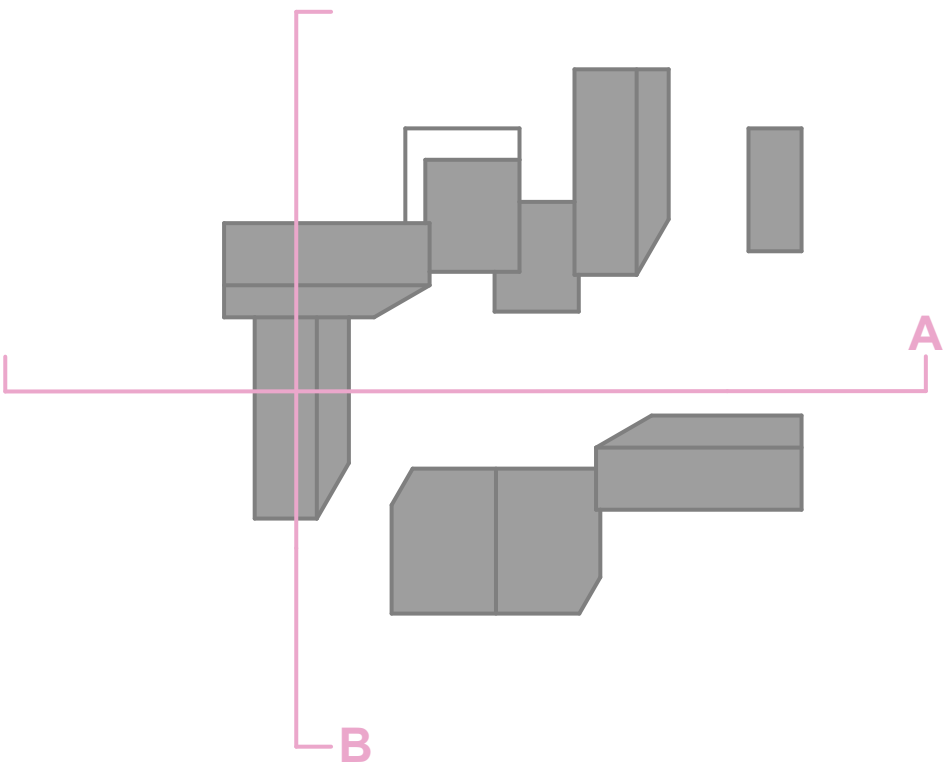




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section A



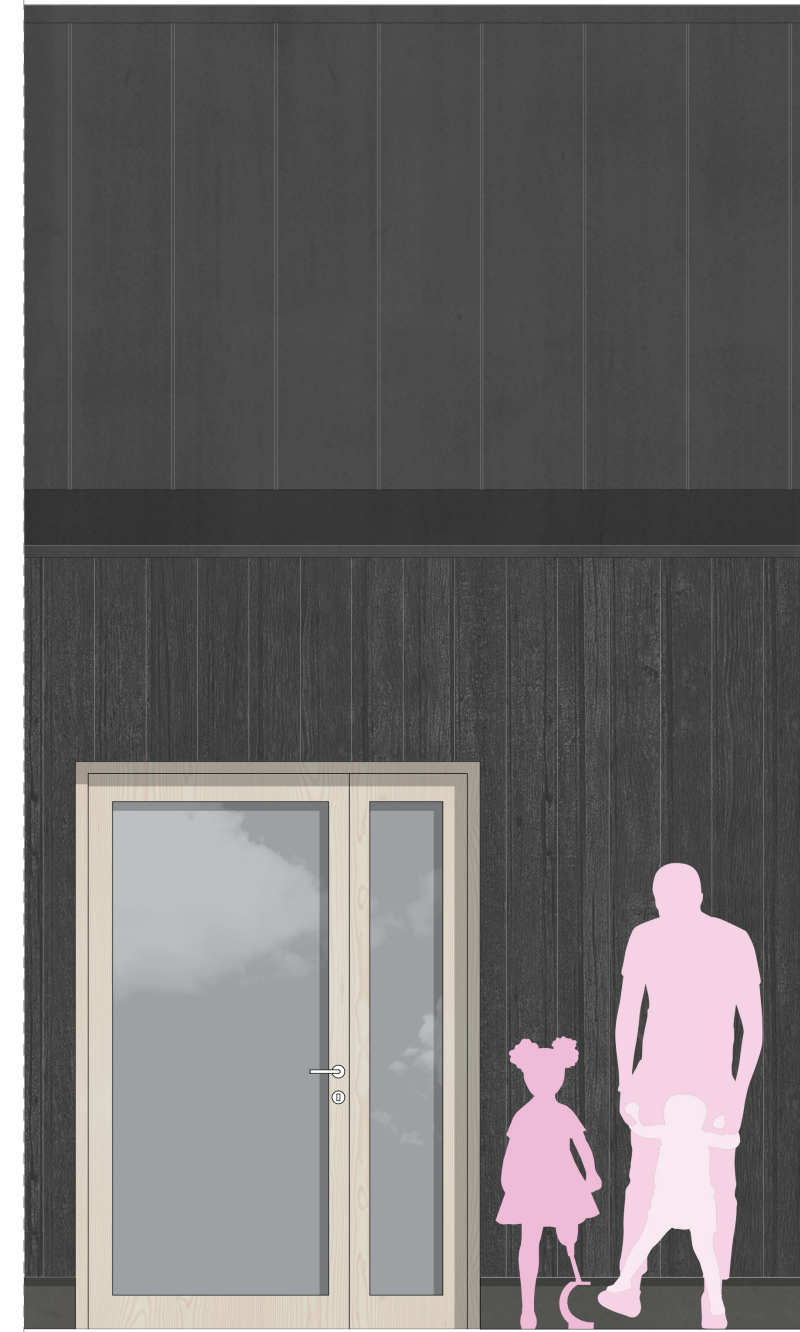
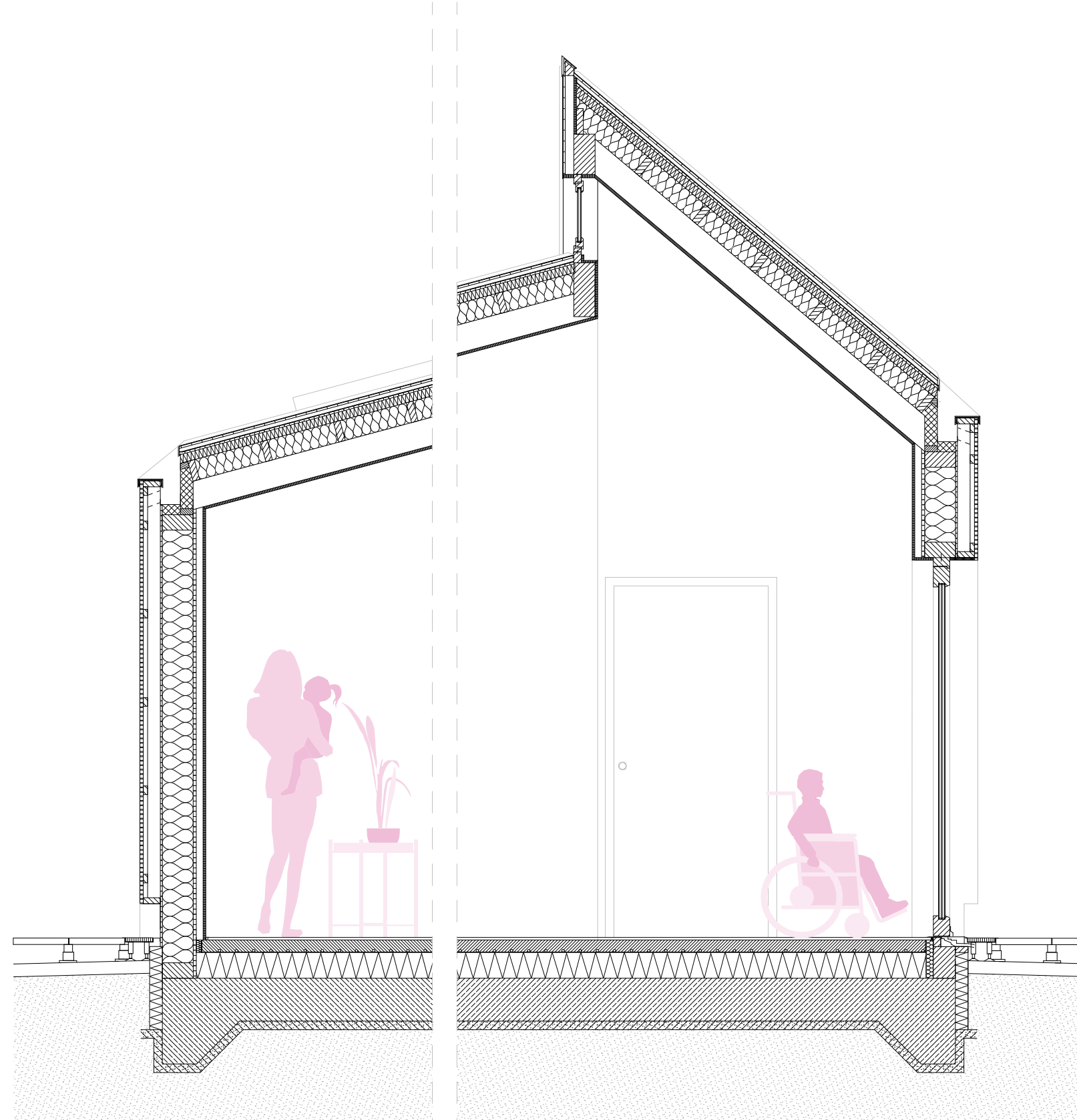
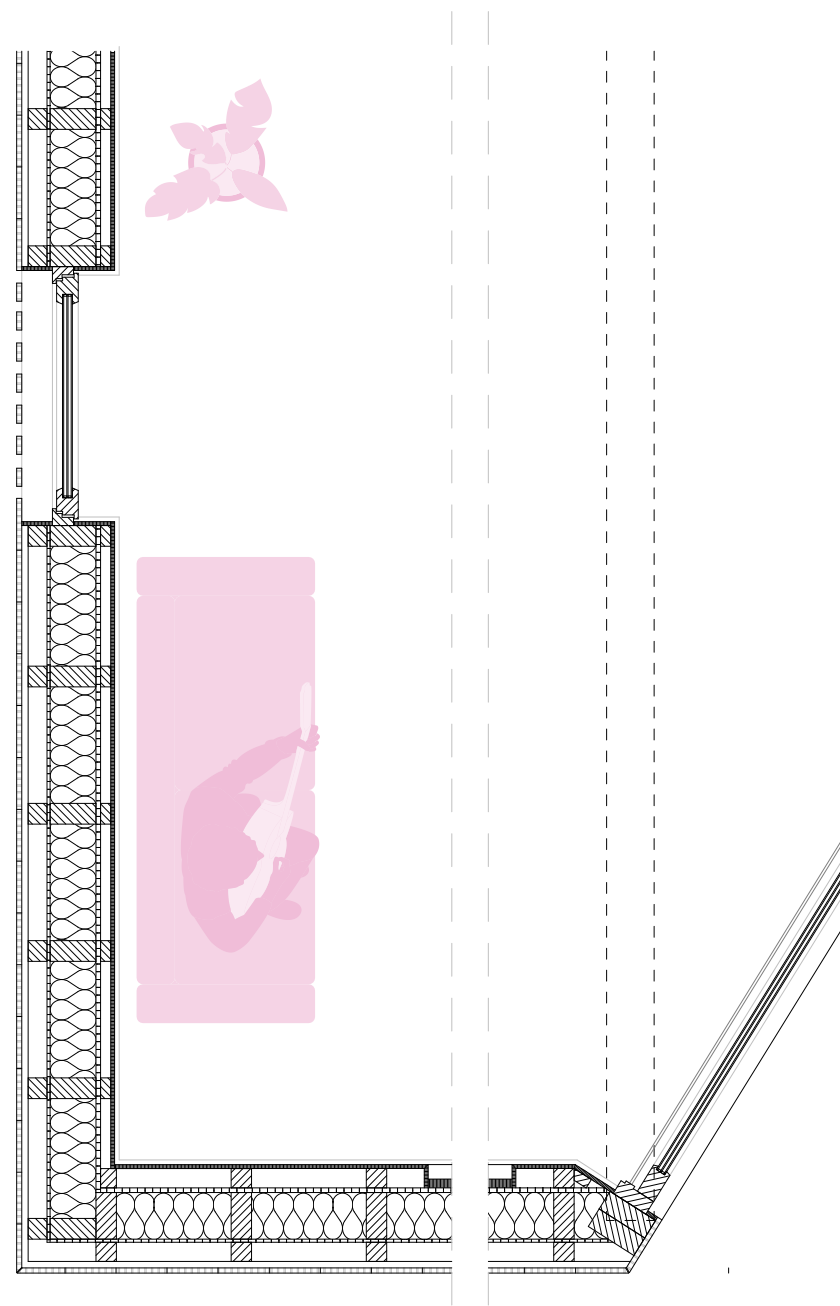
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section B





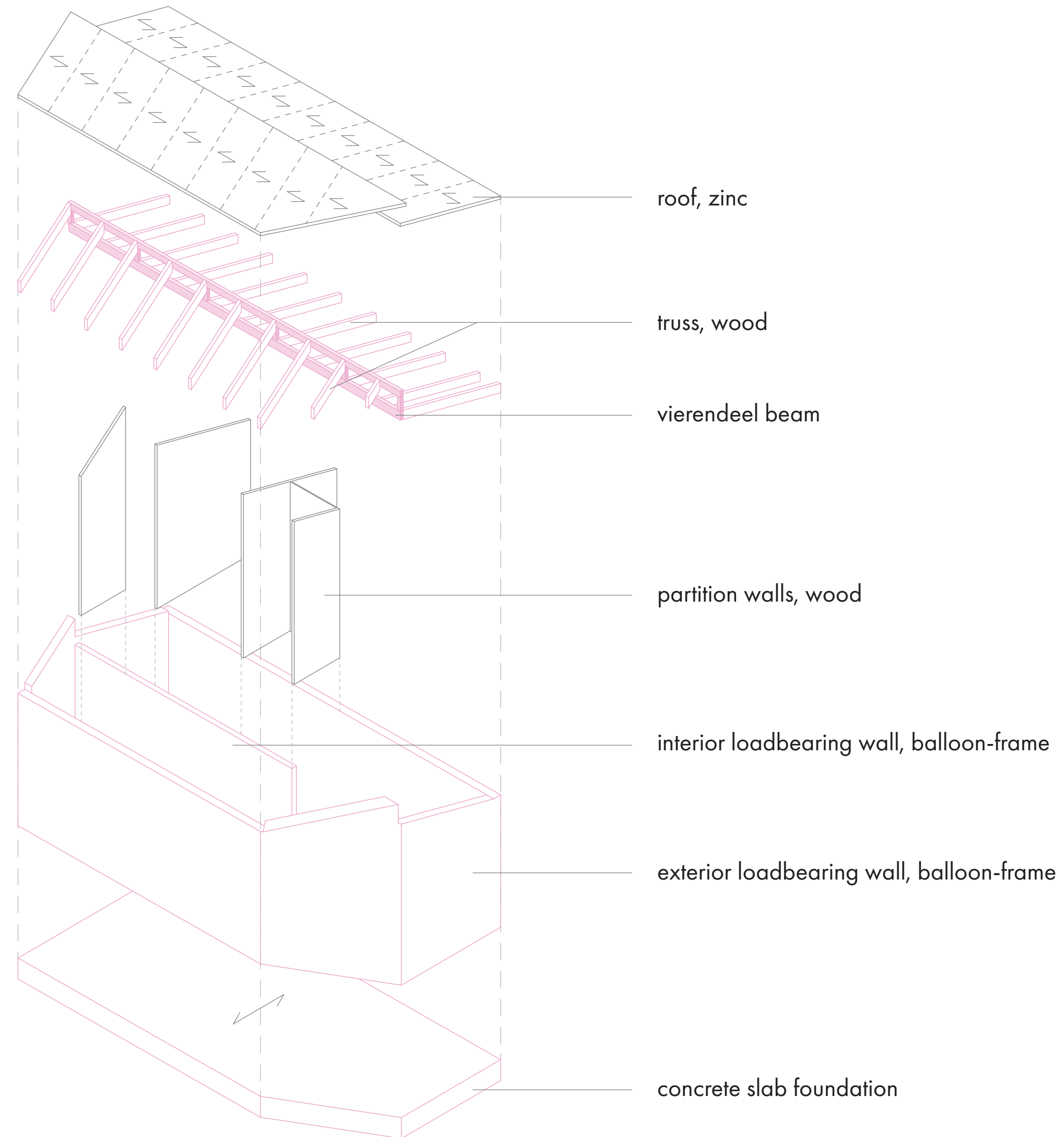
facade

59



construction

60

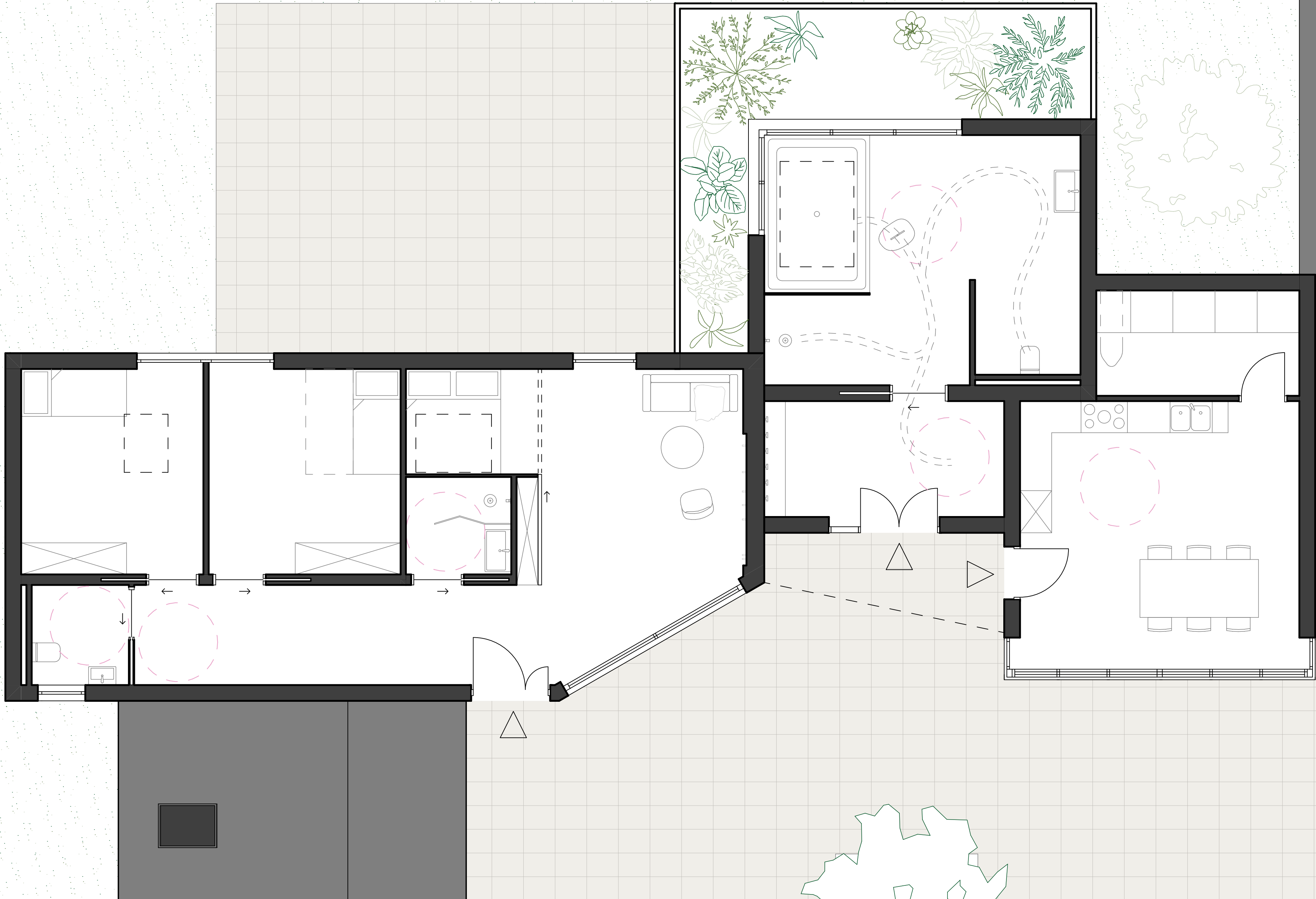


span direction

loadbearing structure

basic apartment

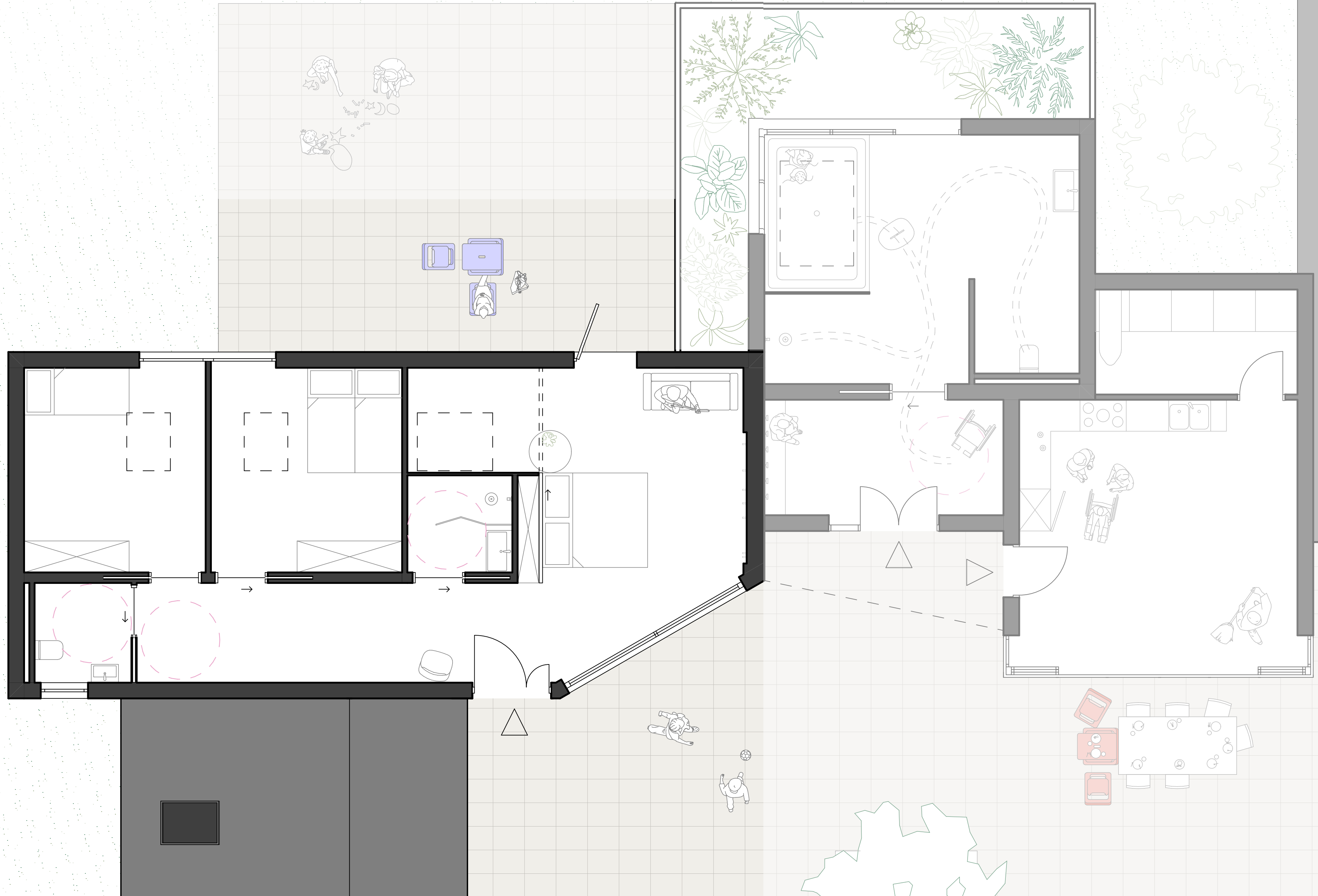
N
1:50



basic apartment

62

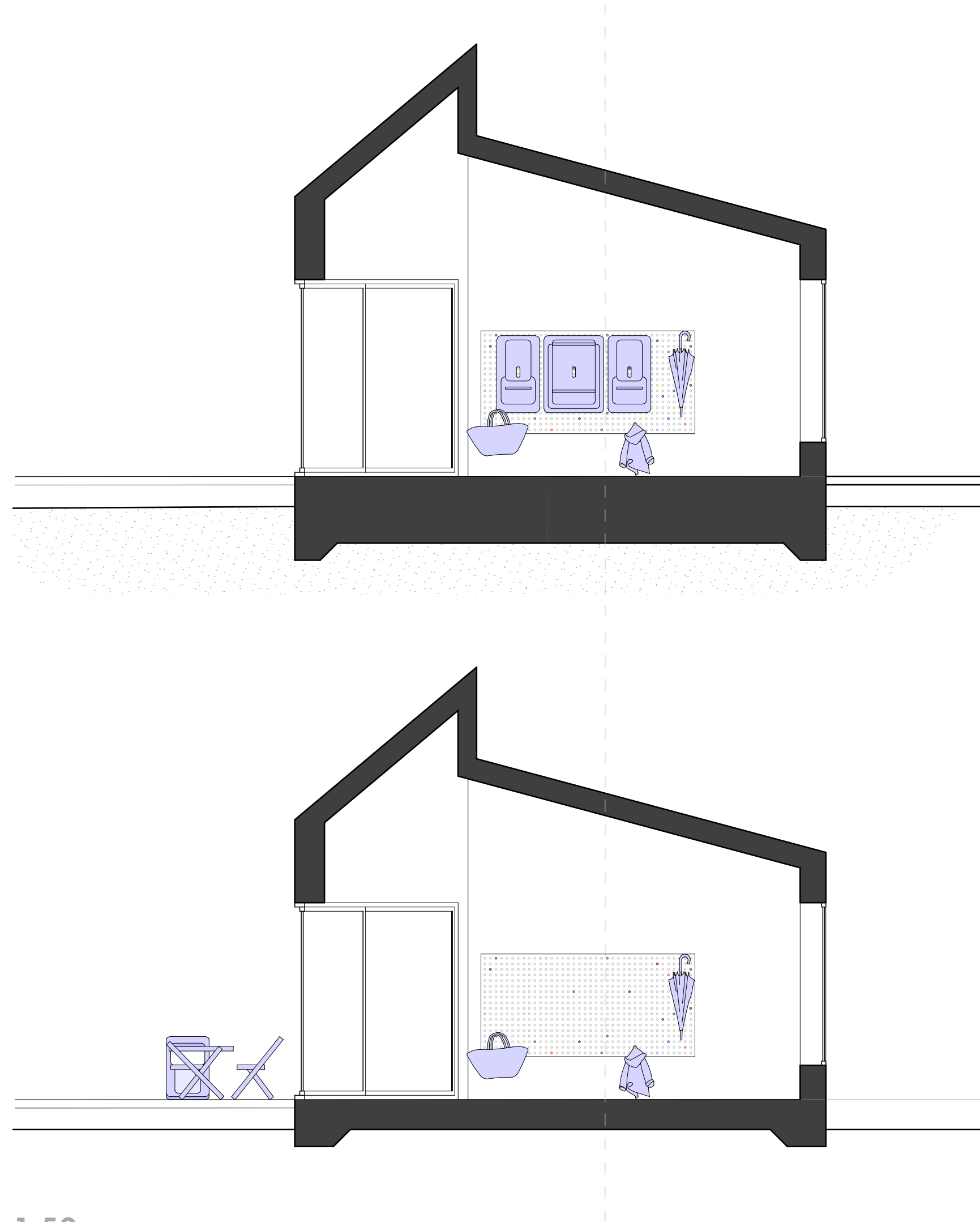
N
1:50



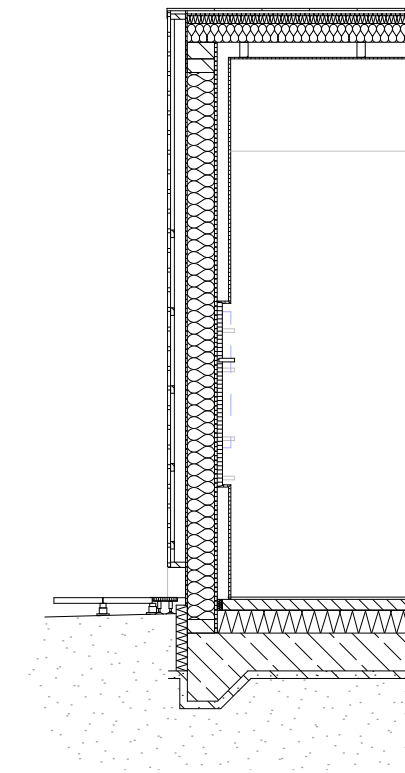


basic apartment

64



1:50
sections



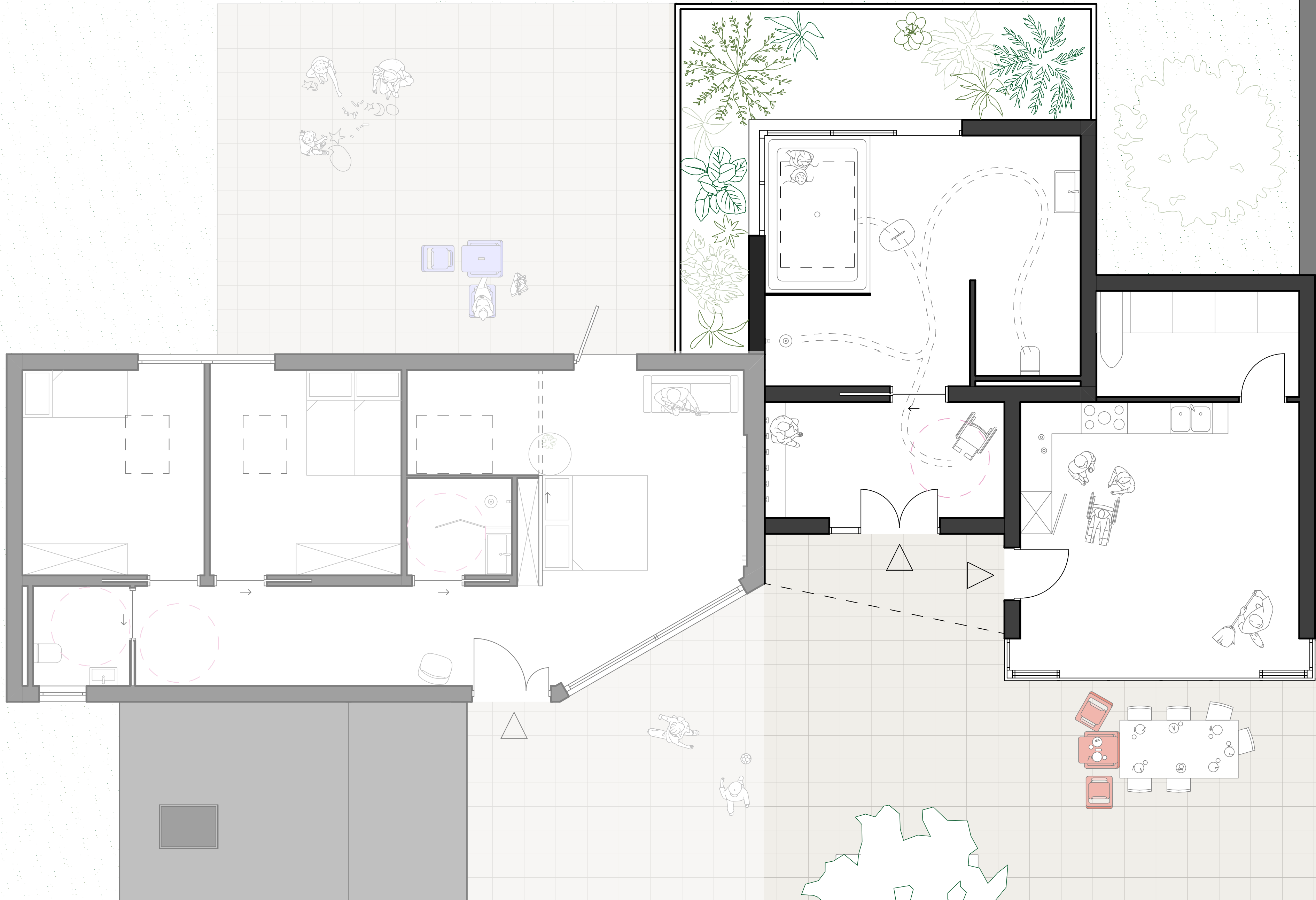
1:50
section in detail



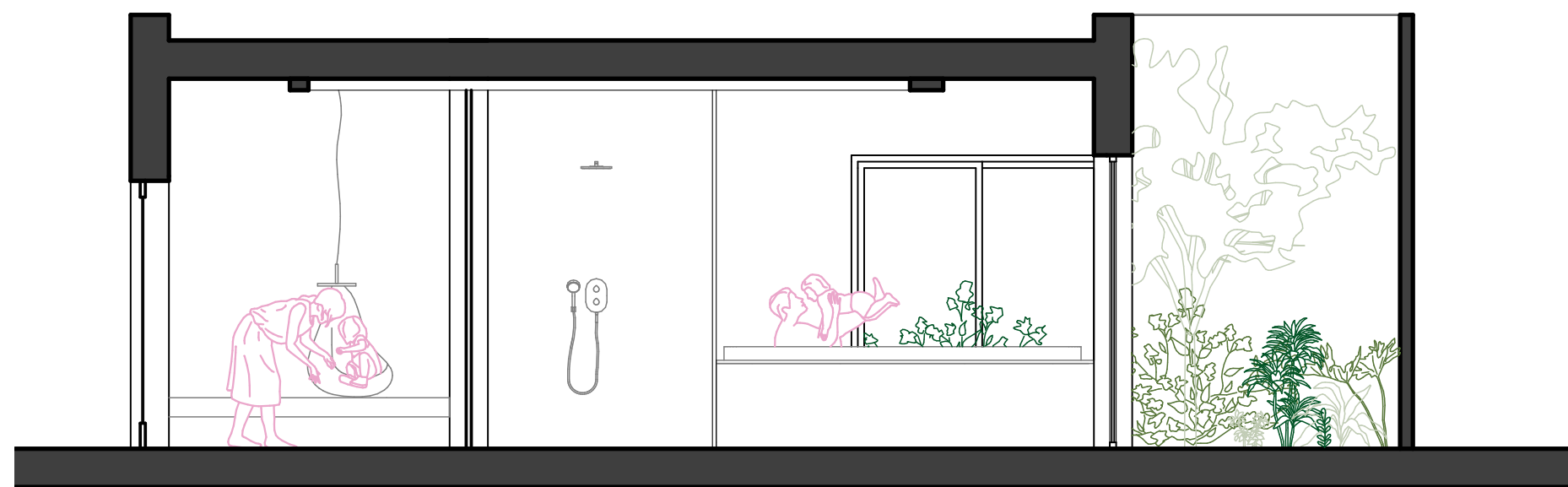
bathroom & kitchen



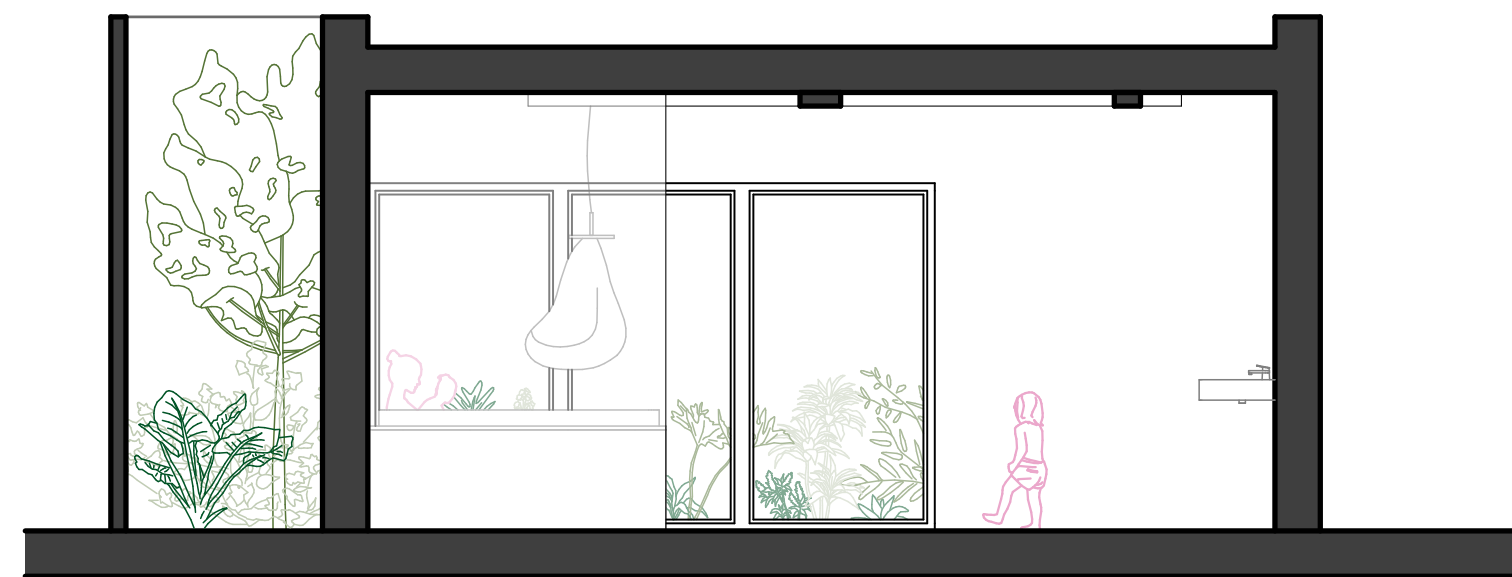
1:50



bathroom



1:50
sections

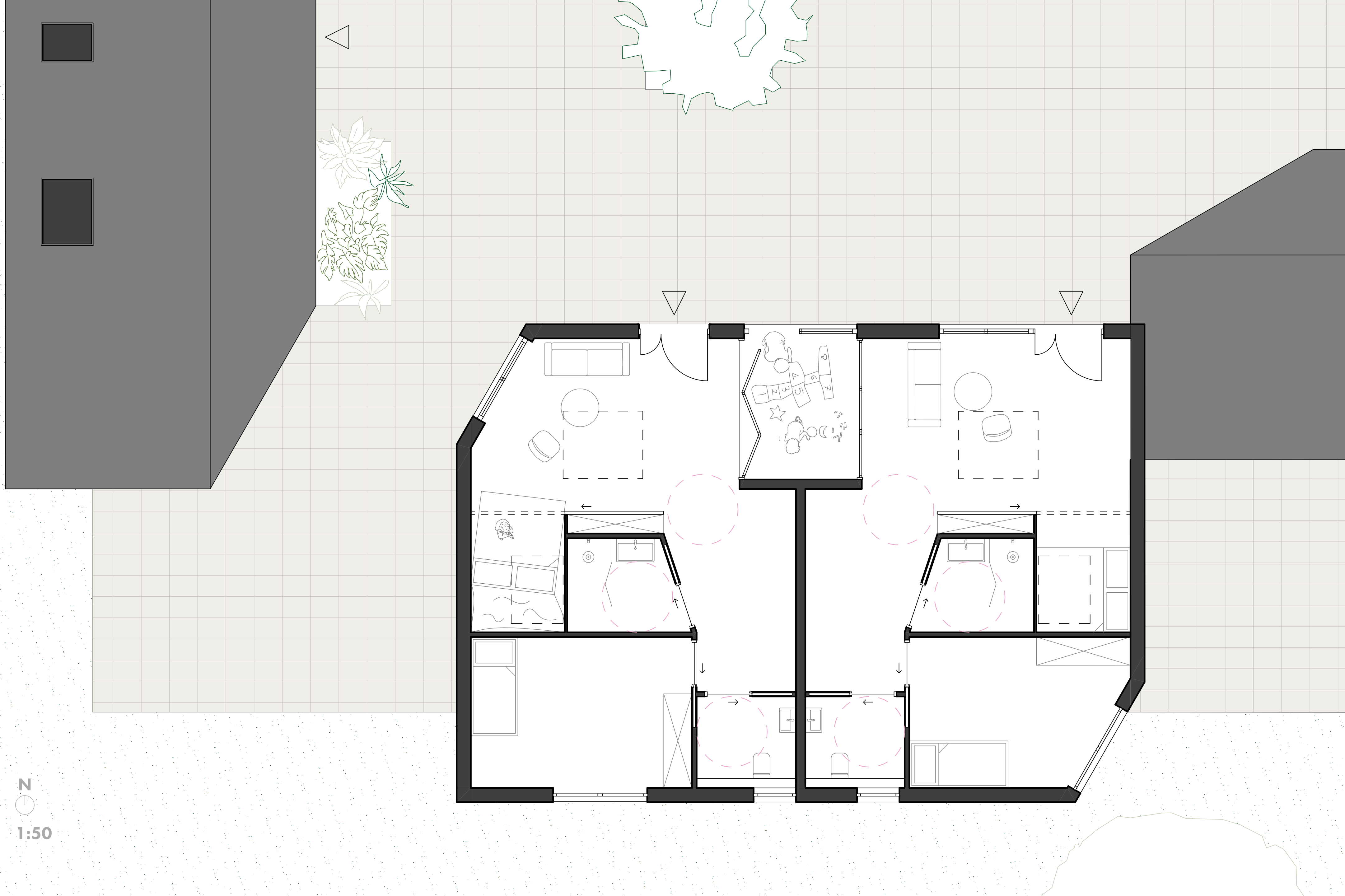




combi apartment

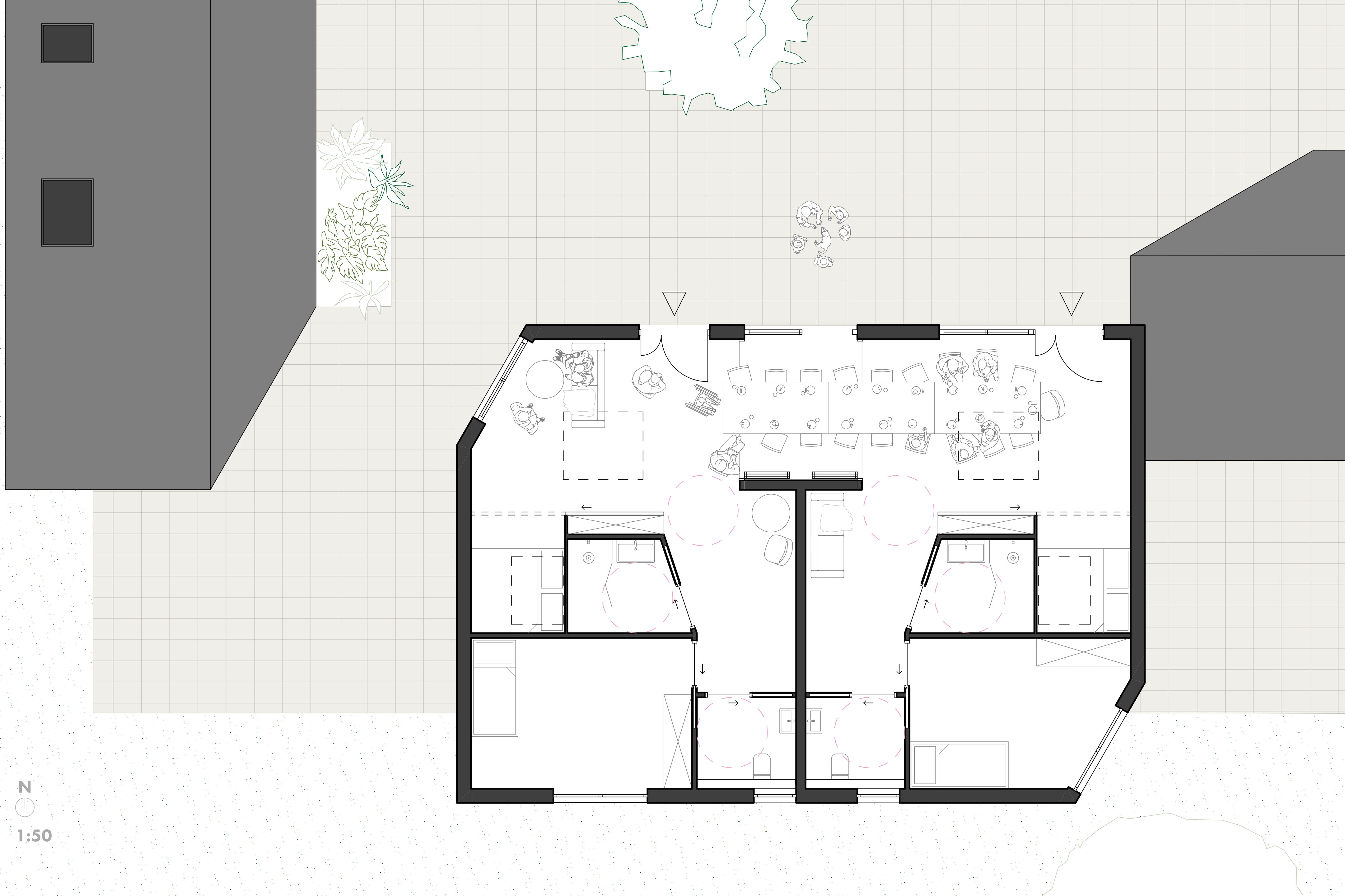
69

N
1:50



combi apartment

N
1:50





EVENING

WEATHER IN LELYSTAD

morning

morning

afternoon

evening

night

thursday

thursday

friday

saturday

sunday

monday

tuesday

wednesday

LUNCH

*

*

JULIE

10:00 - 10:30

11:15 - 11:30

14:30 - 15:30

17:00 - 18:00

around 02:00



For questions or requests please contact the health and care department: *13*

9:45h

72



9:45h

73



10:00h



12:45h

75



12:45h



14:30h



16:00h





HANAMI
the healing escape