

Modern Families in Minervahaven

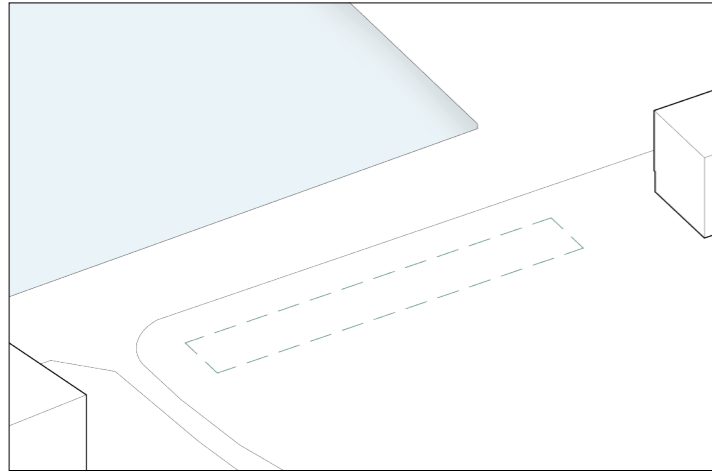
Frank van Vliet | 4276094 | 30.01.2020

T. Kupers, F. Adema, P.S. van der Putt

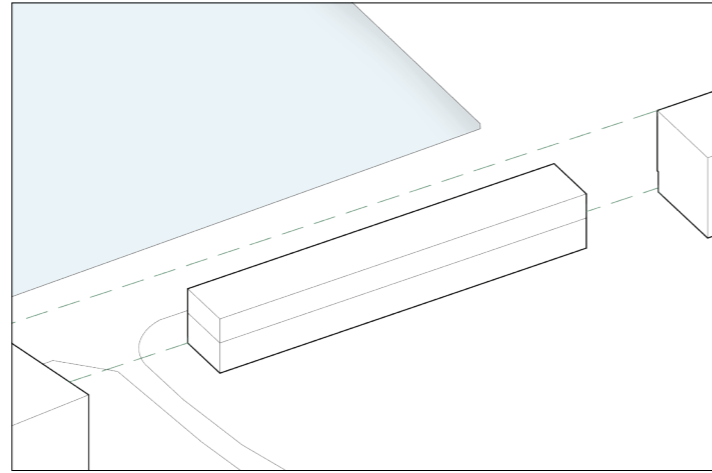




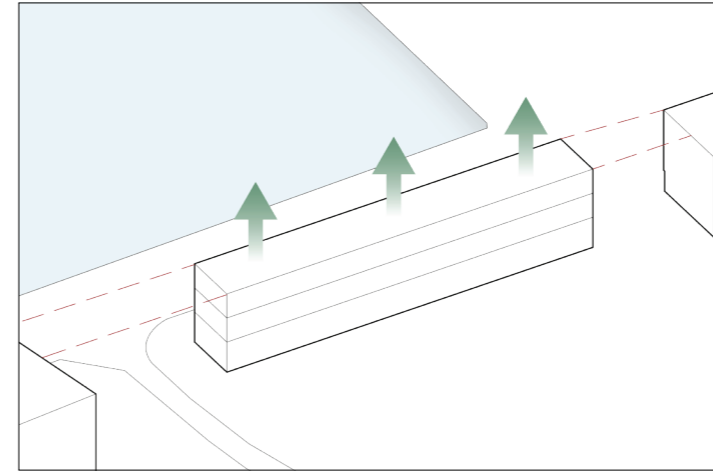
Concept
Building mass



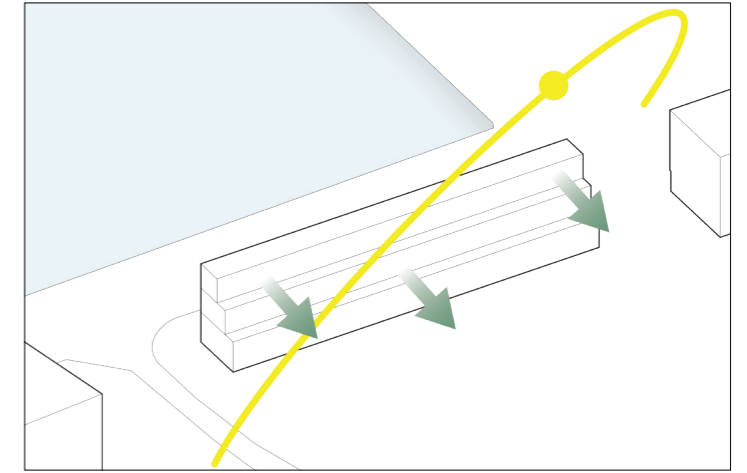
01. Site



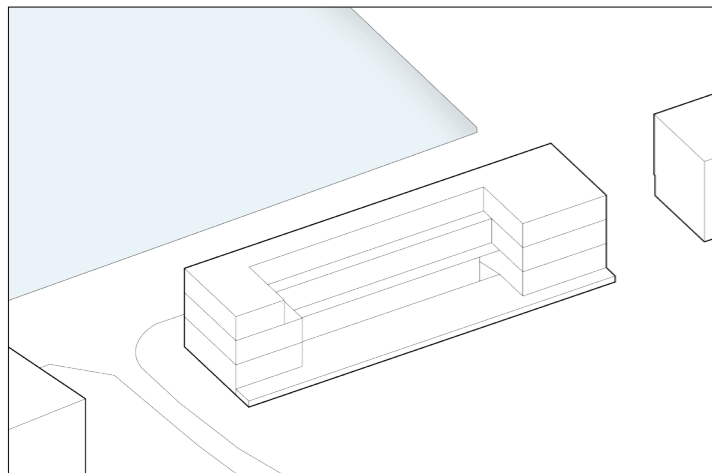
02. Basic massing



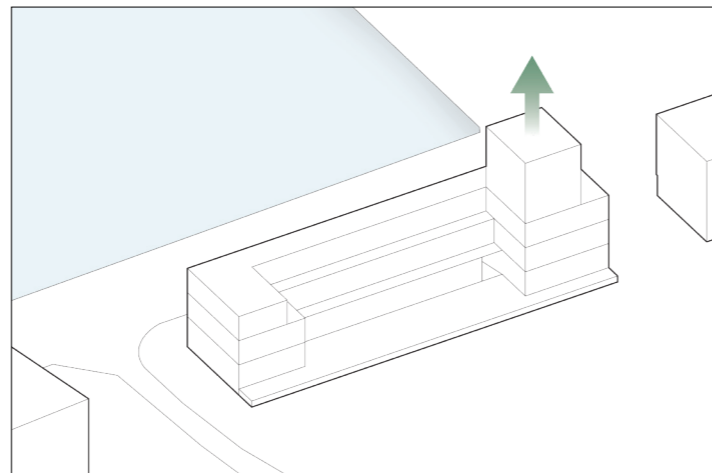
03. Height



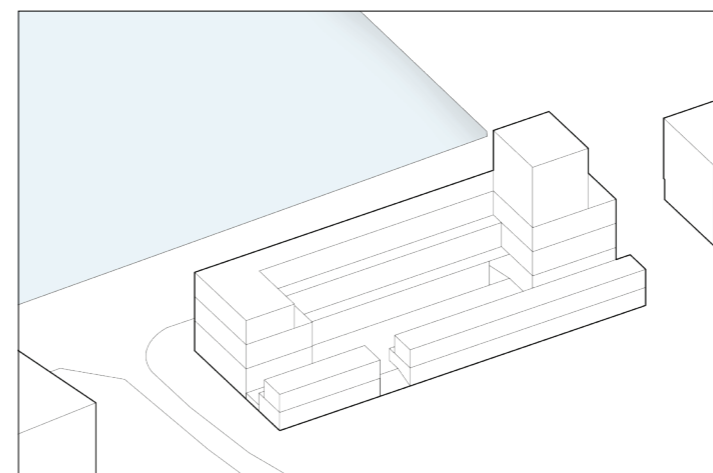
04. Opening up the volume



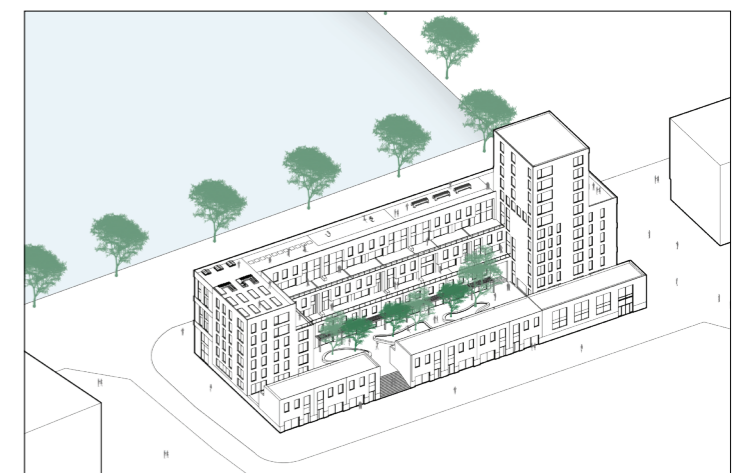
05. Enclosing collective spaces



06. Finishing urban square

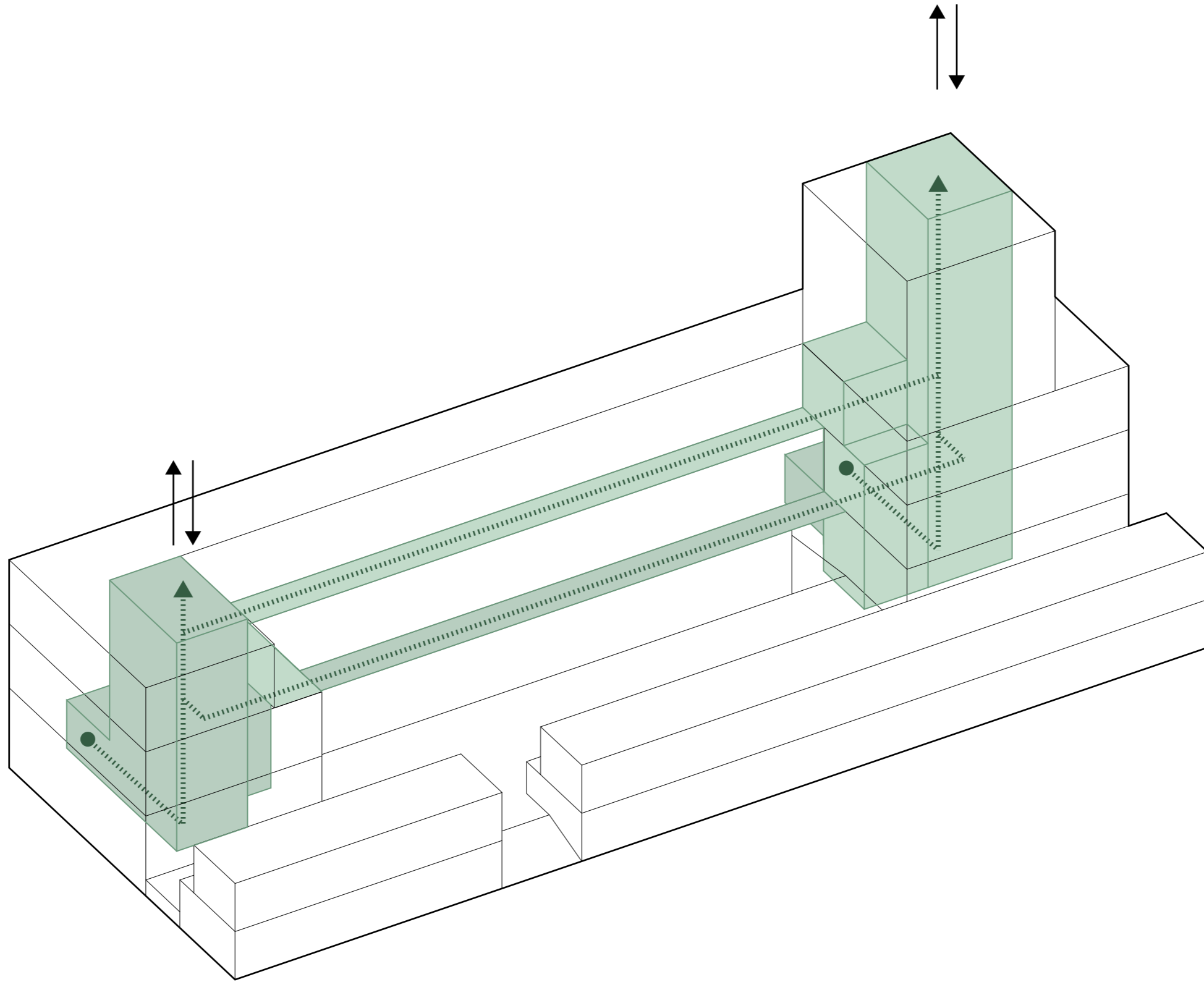


08. Framing collective garden

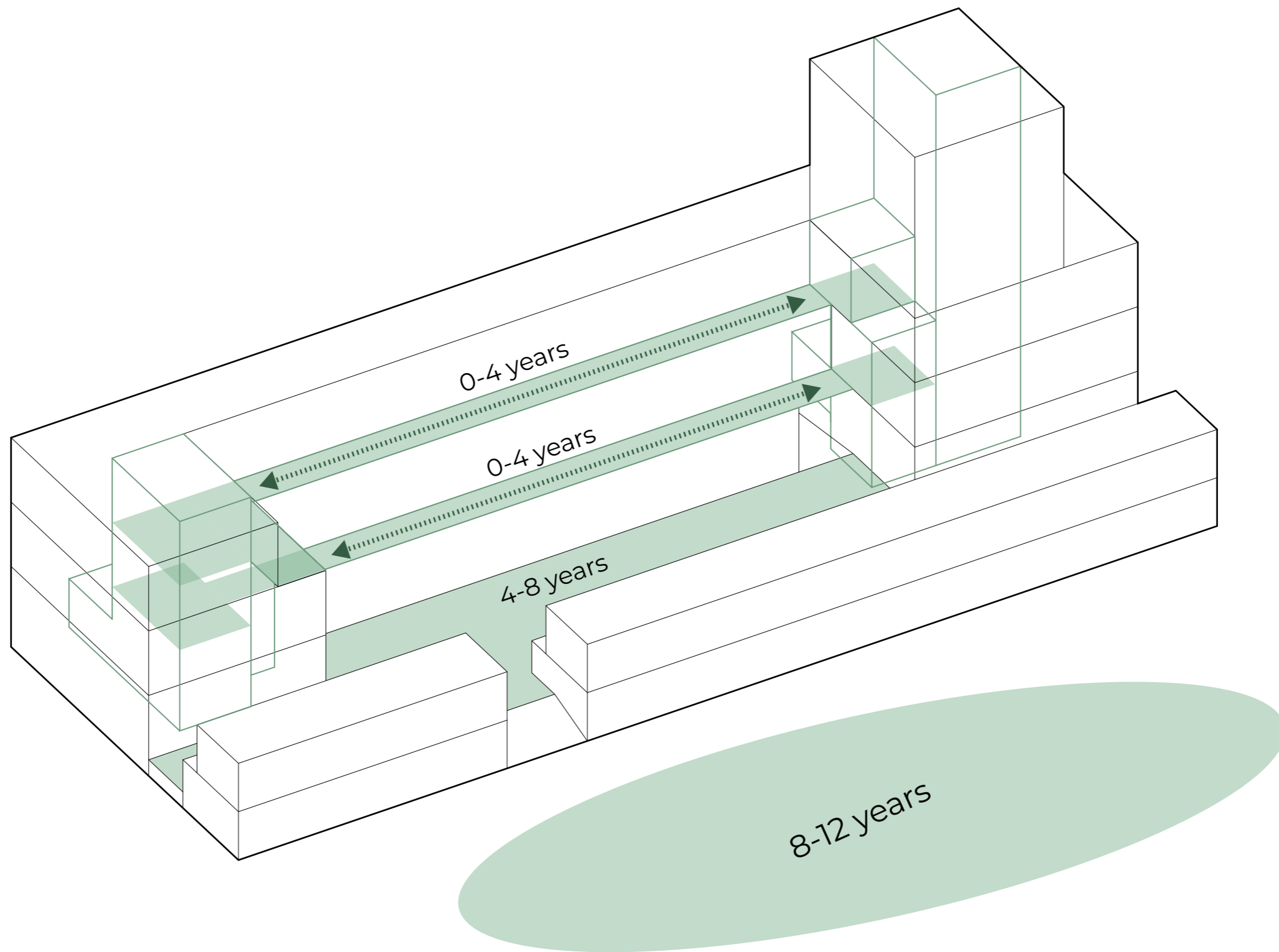


09. The building

Concept
Circulation

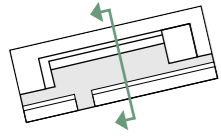


Concept
Places to play



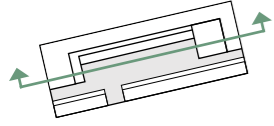
Sections

Section AA' 1:250



Sections

Section BB' 1:250



Situational drawing

Site 1:1000



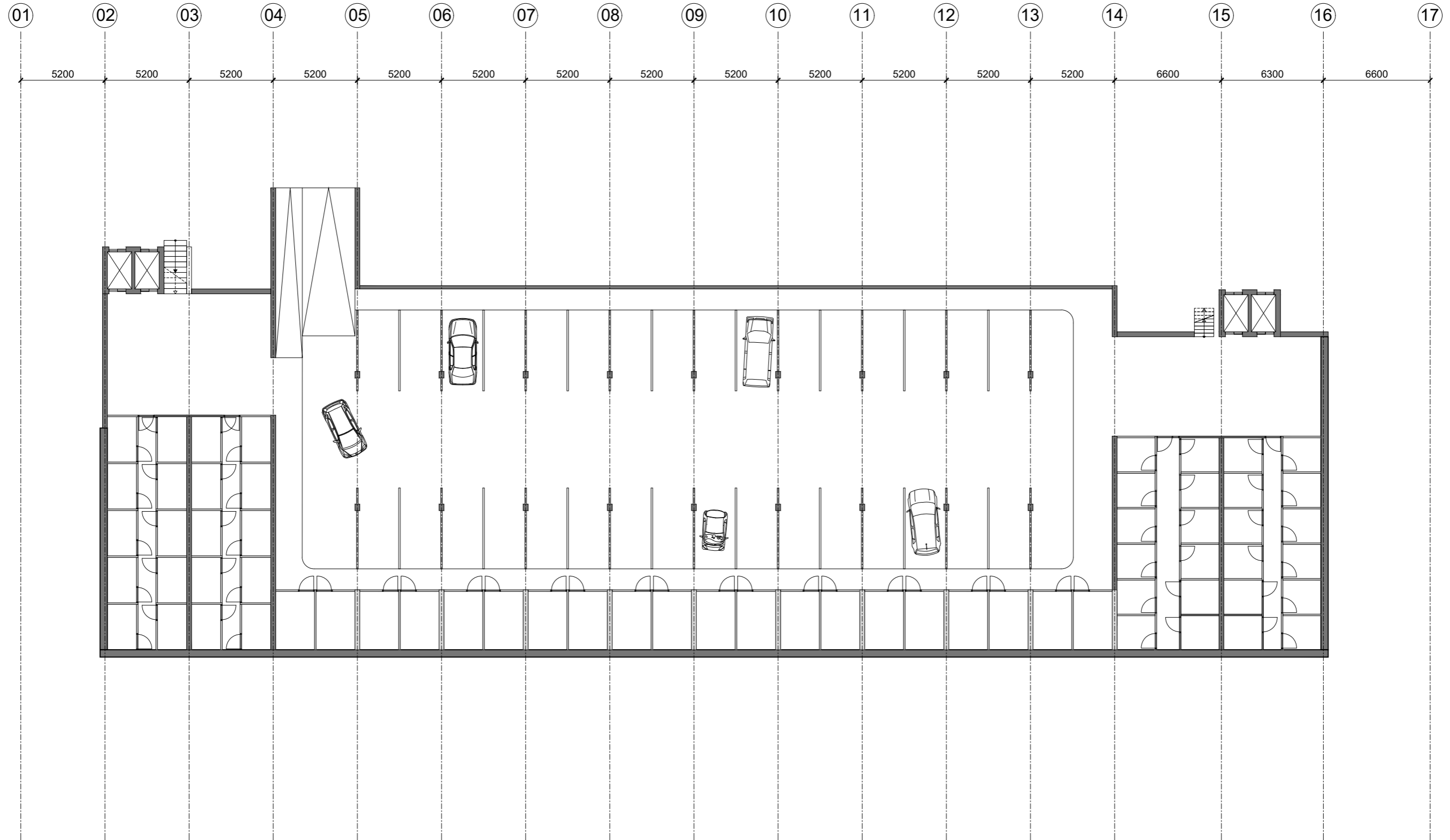
Situational drawing

Site 1:500



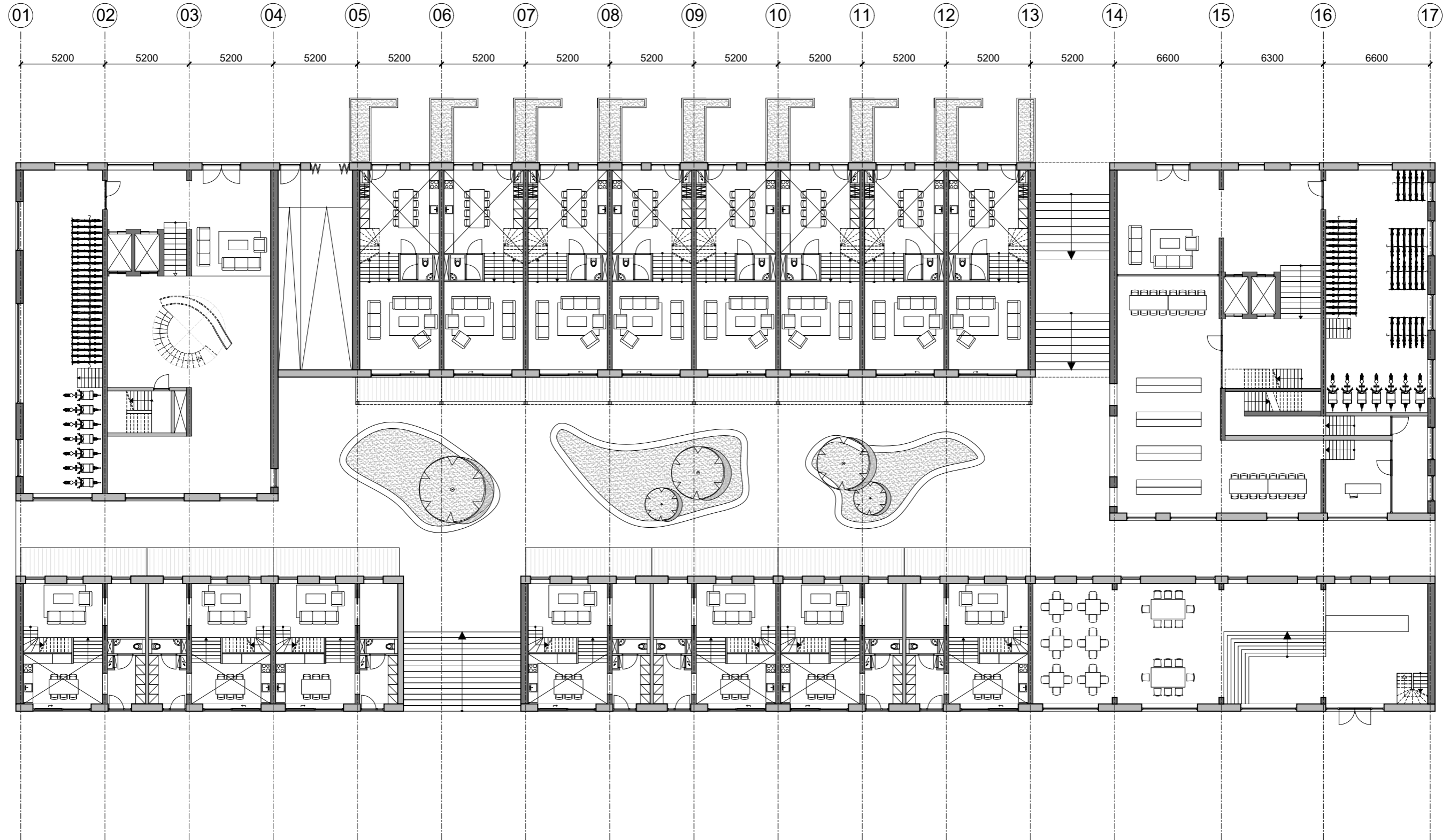
Floorplans

Semi-basement 1:250



Floorplans

Ground floor 1:250



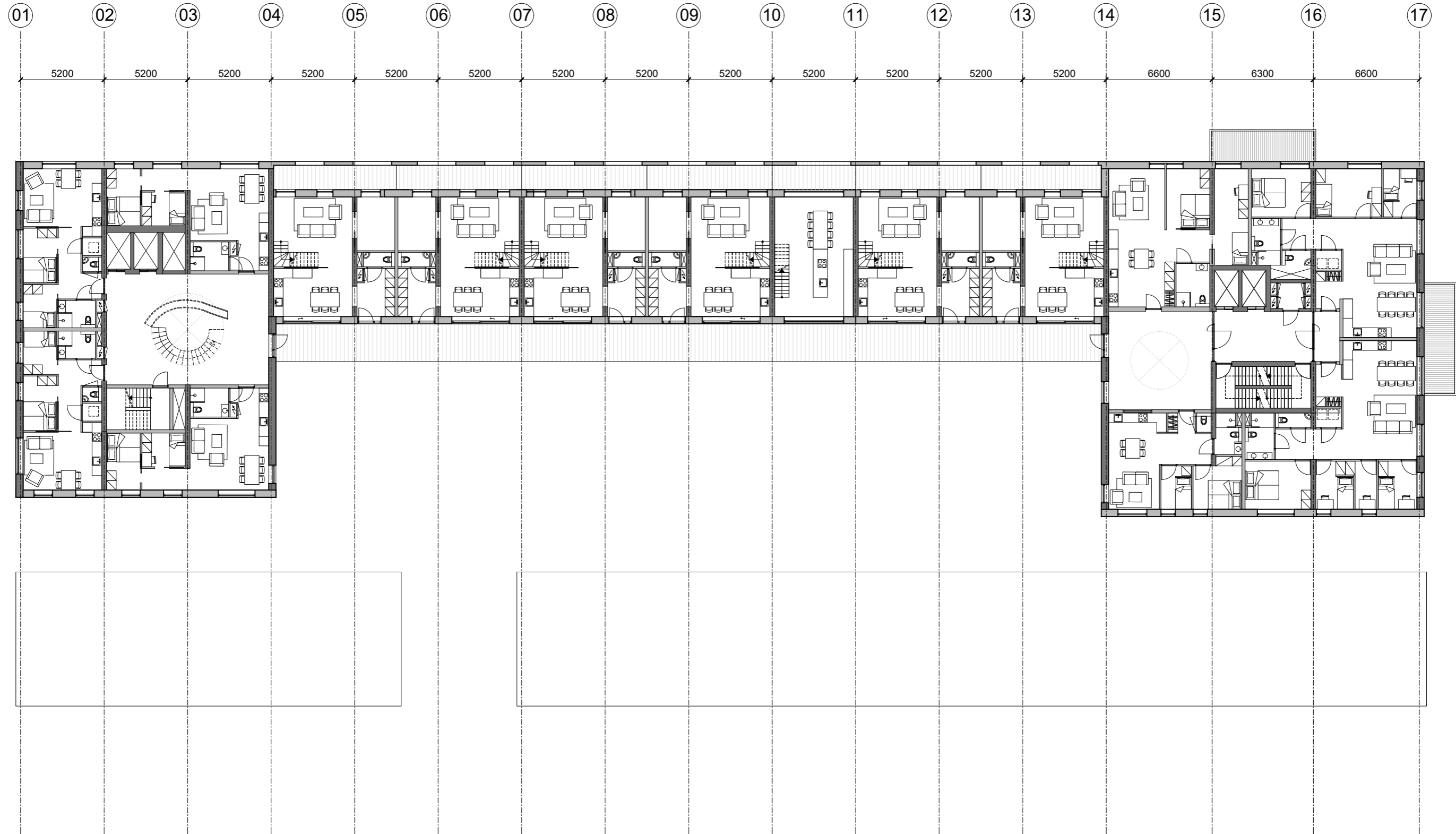
Floorplans

First floor 1:250



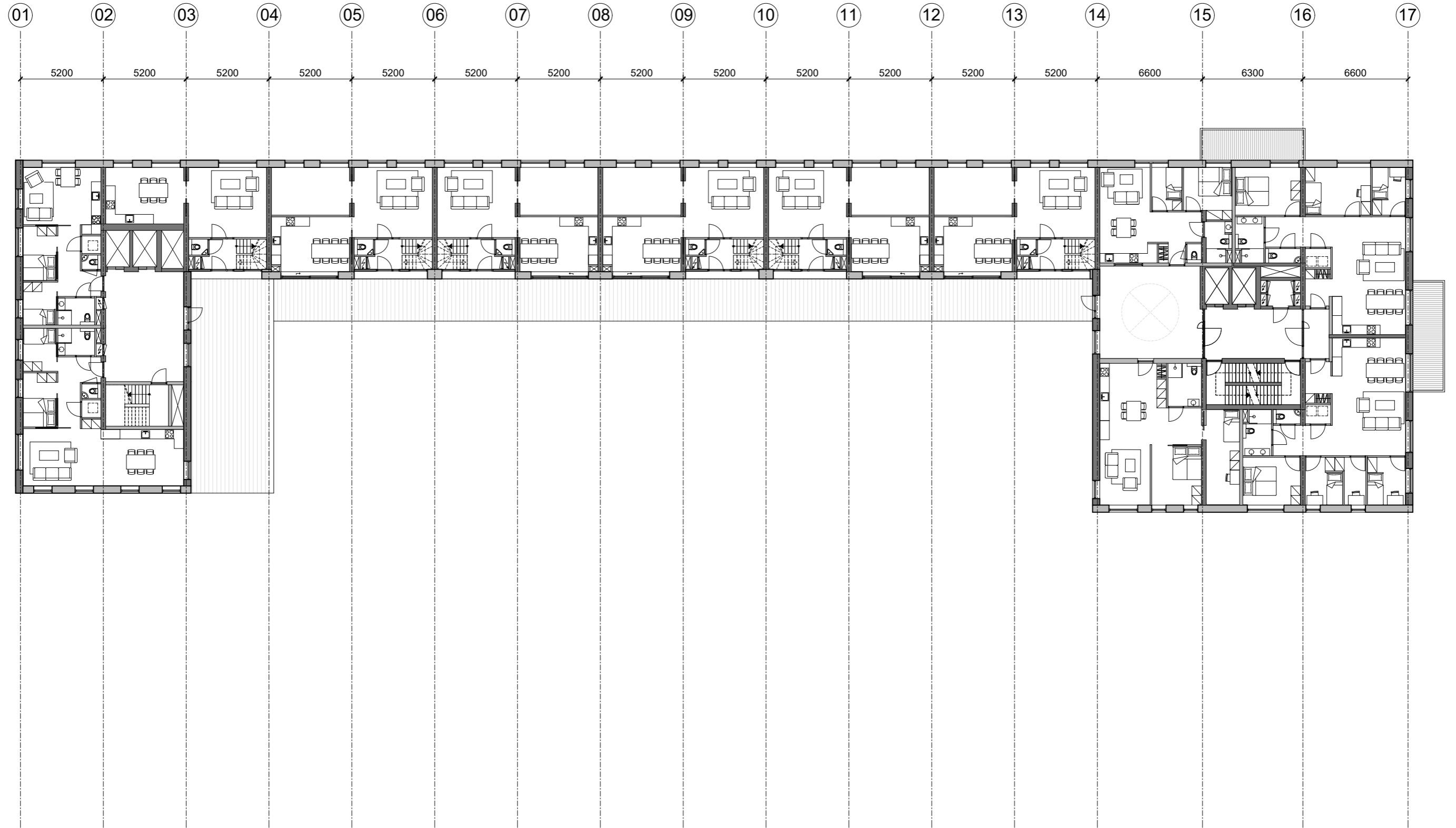
Floorplans

Second floor 1:250



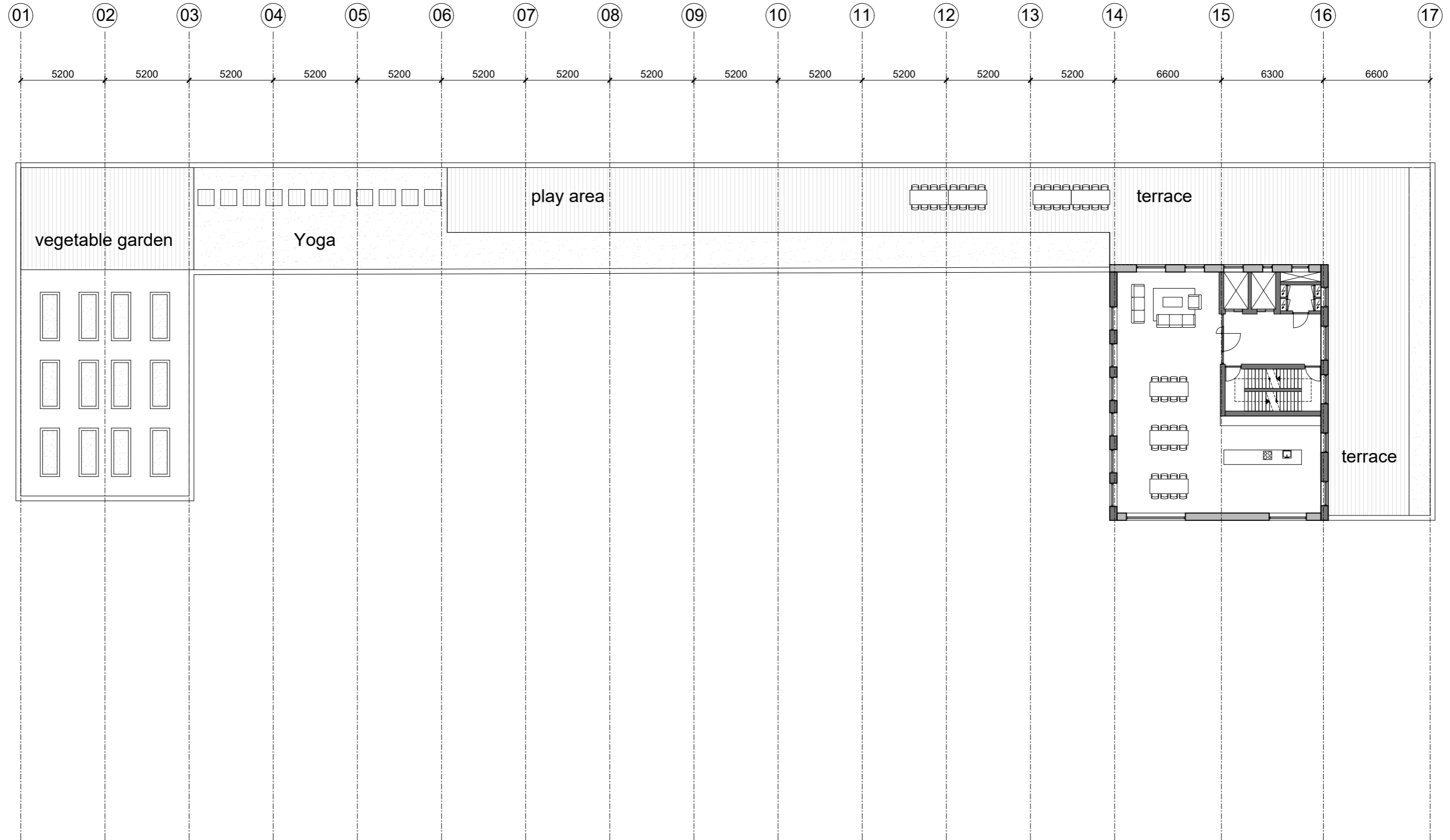
Floorplans

Fourth floor 1:250



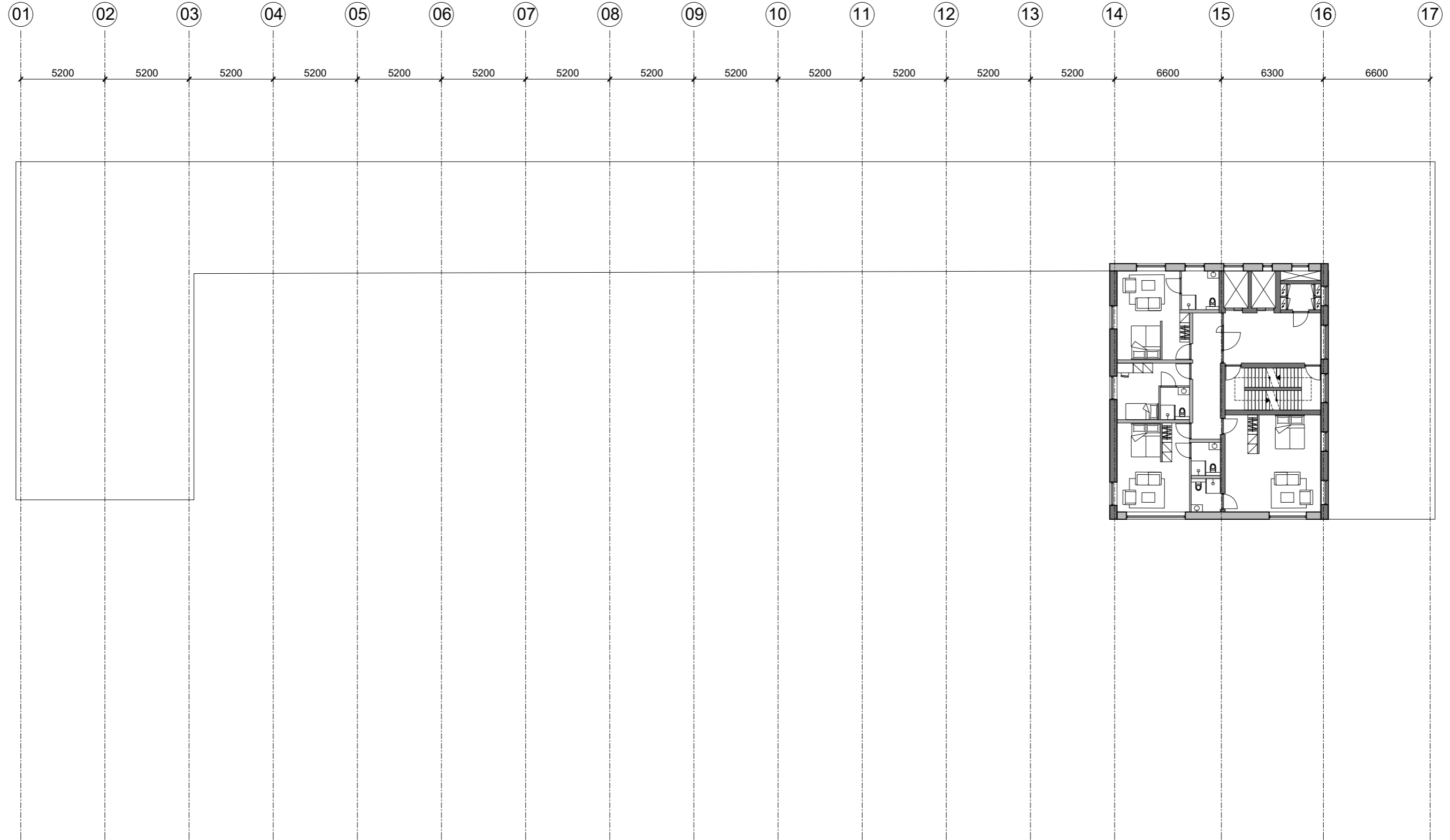
Floorplans

Sixth floor 1:250



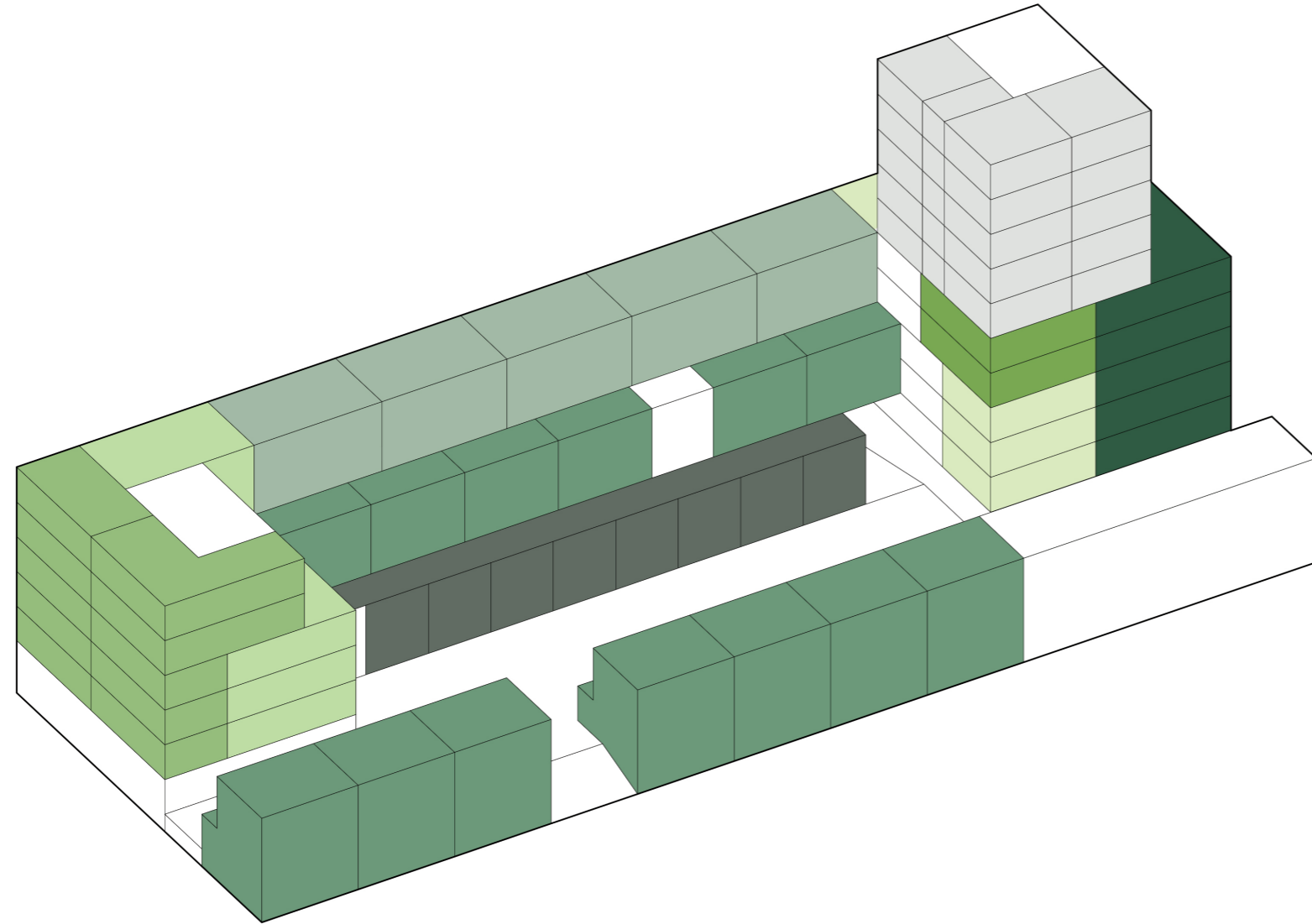
Floorplans

Seventh floor 1:250

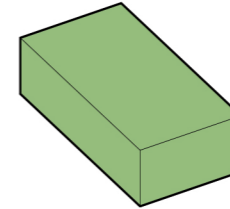


Typology

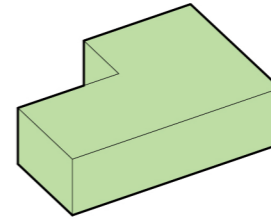
Dwelling



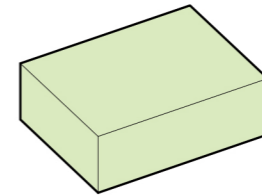
Apartment A



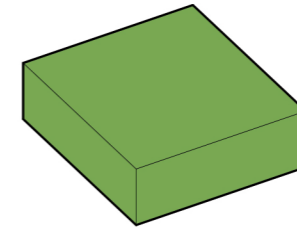
Apartment B



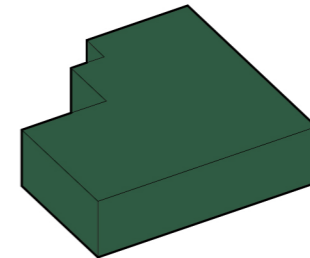
Apartment C



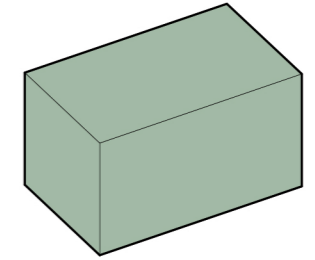
Apartment D



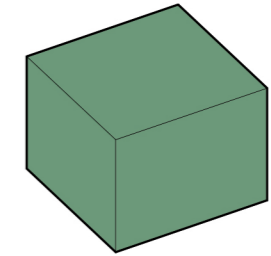
Apartment E



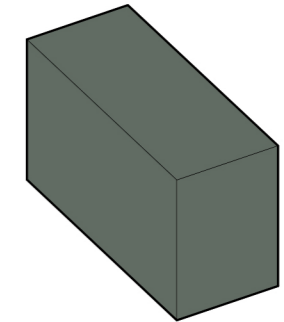
Duplex A



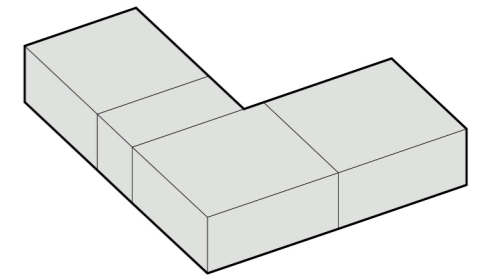
Duplex B



Duplex C



Parentshouse



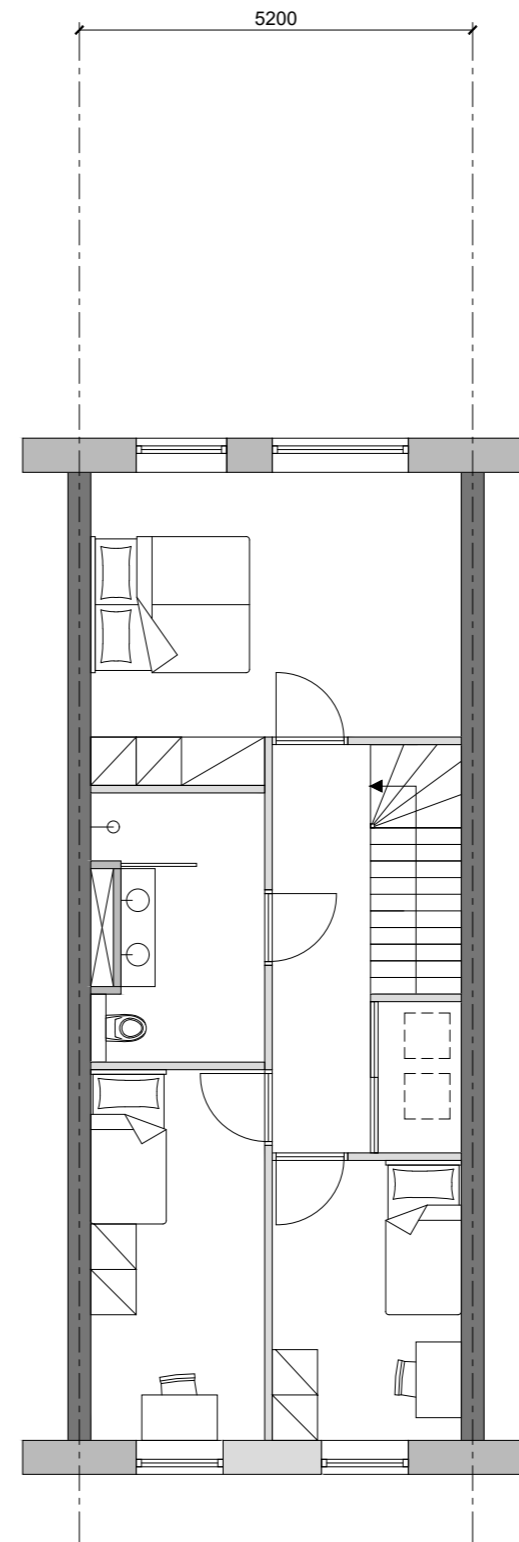
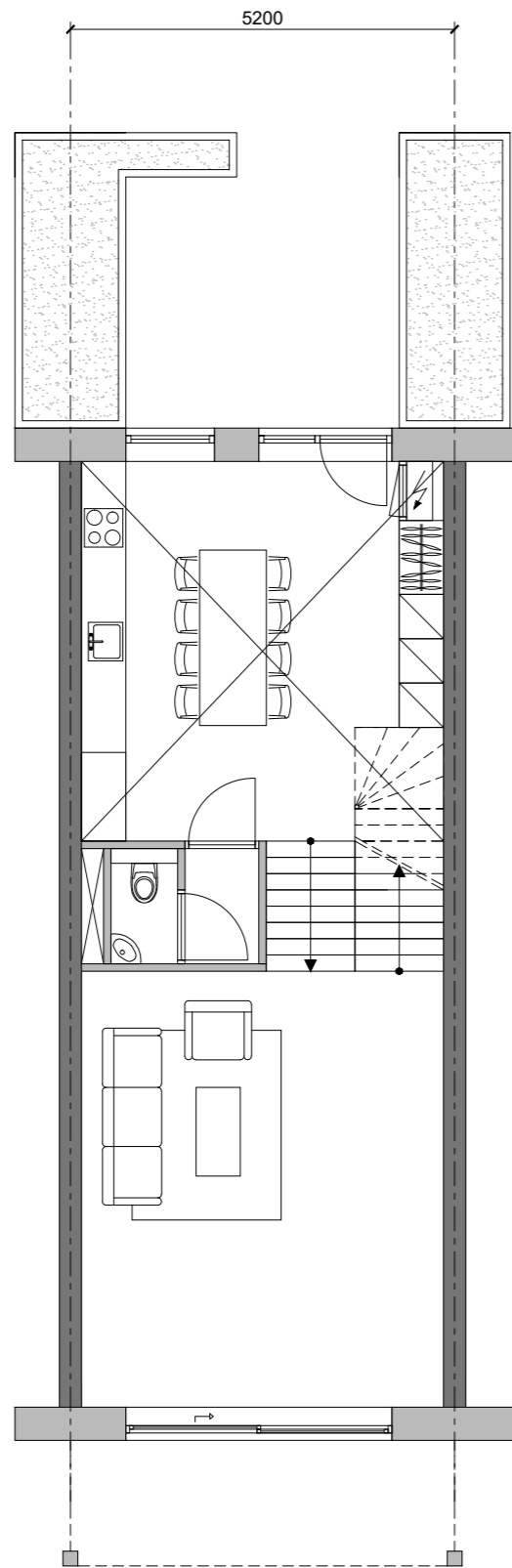
Typology

Duplexes



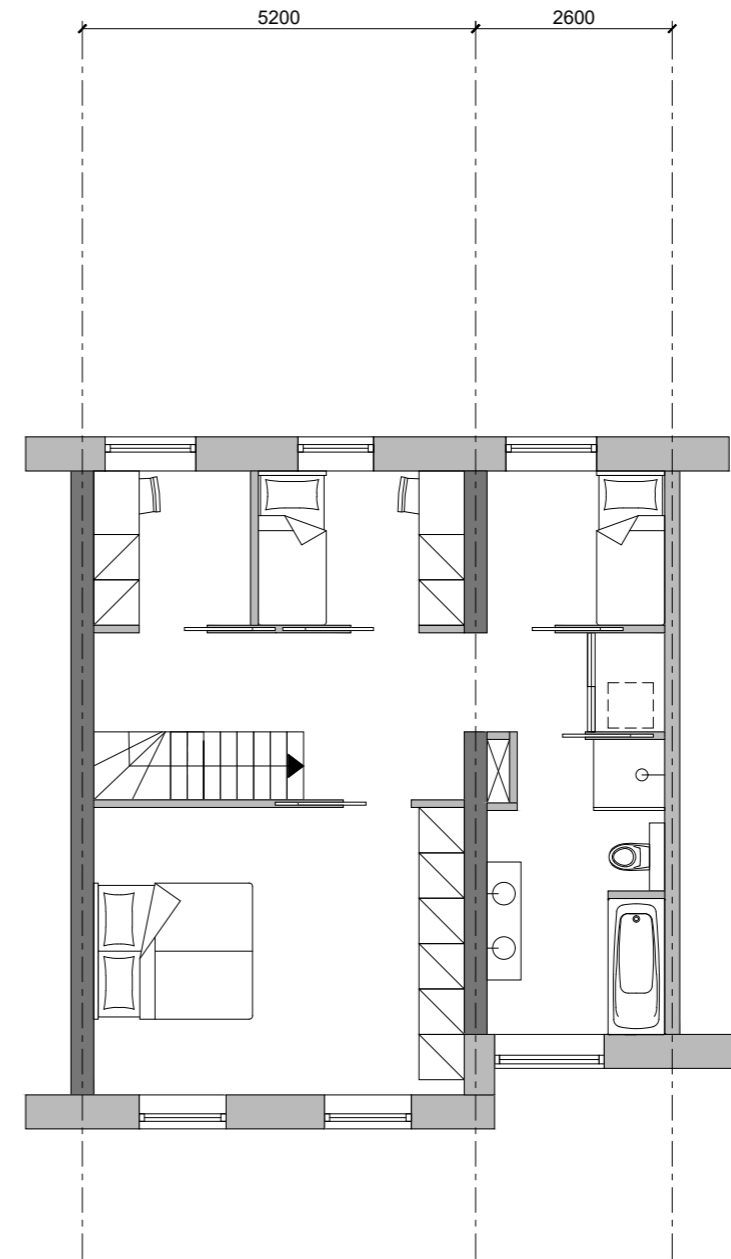
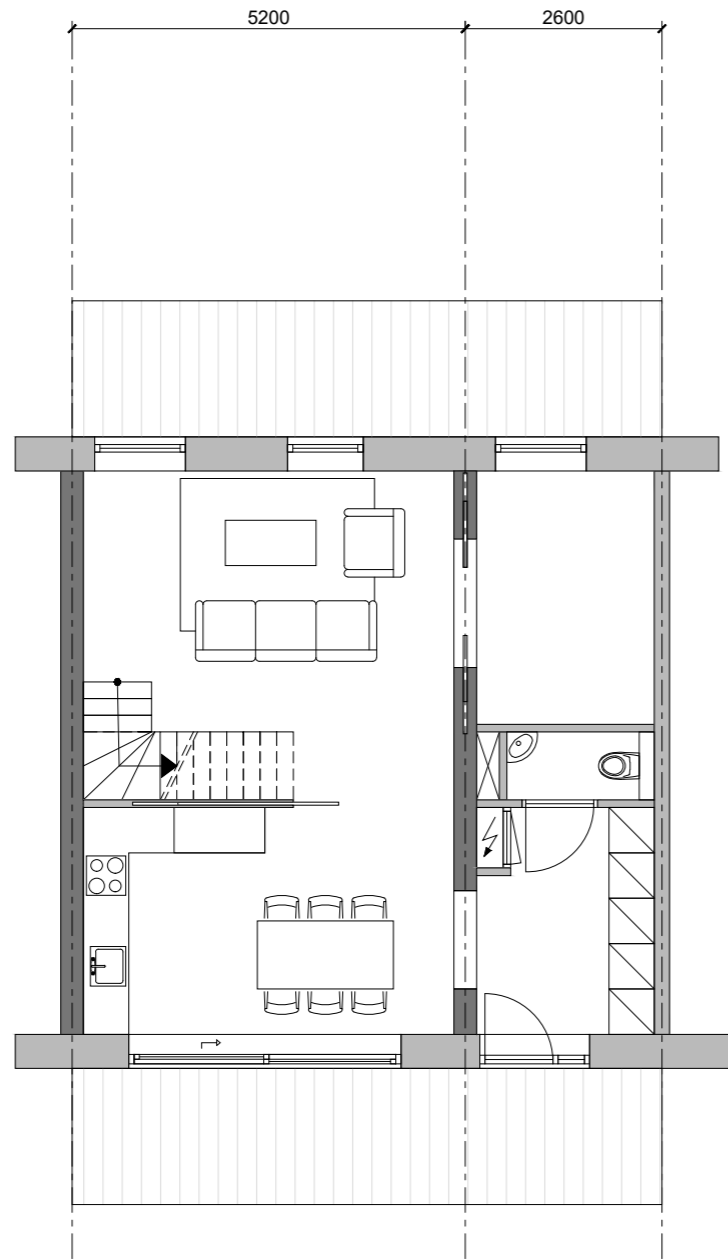
Dwelling types

Duplex C 1:100



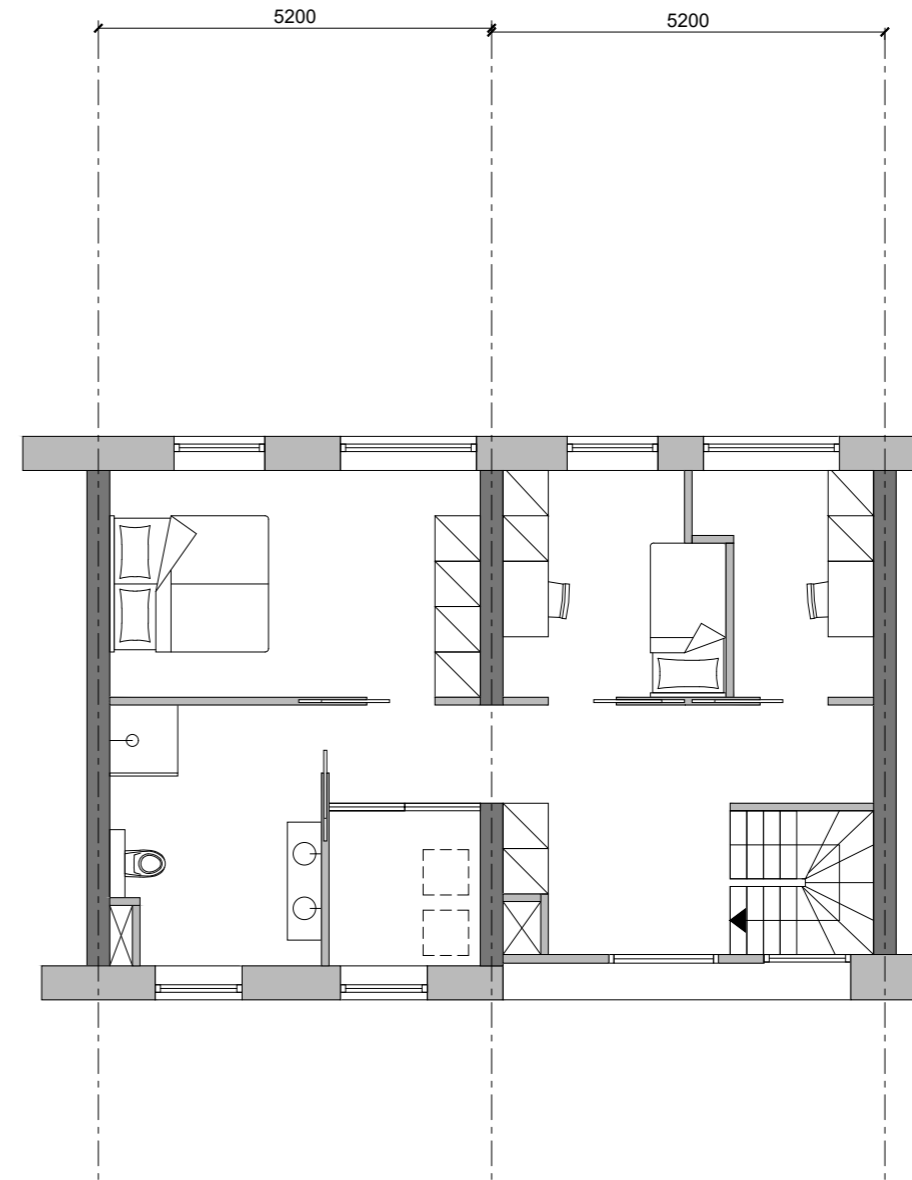
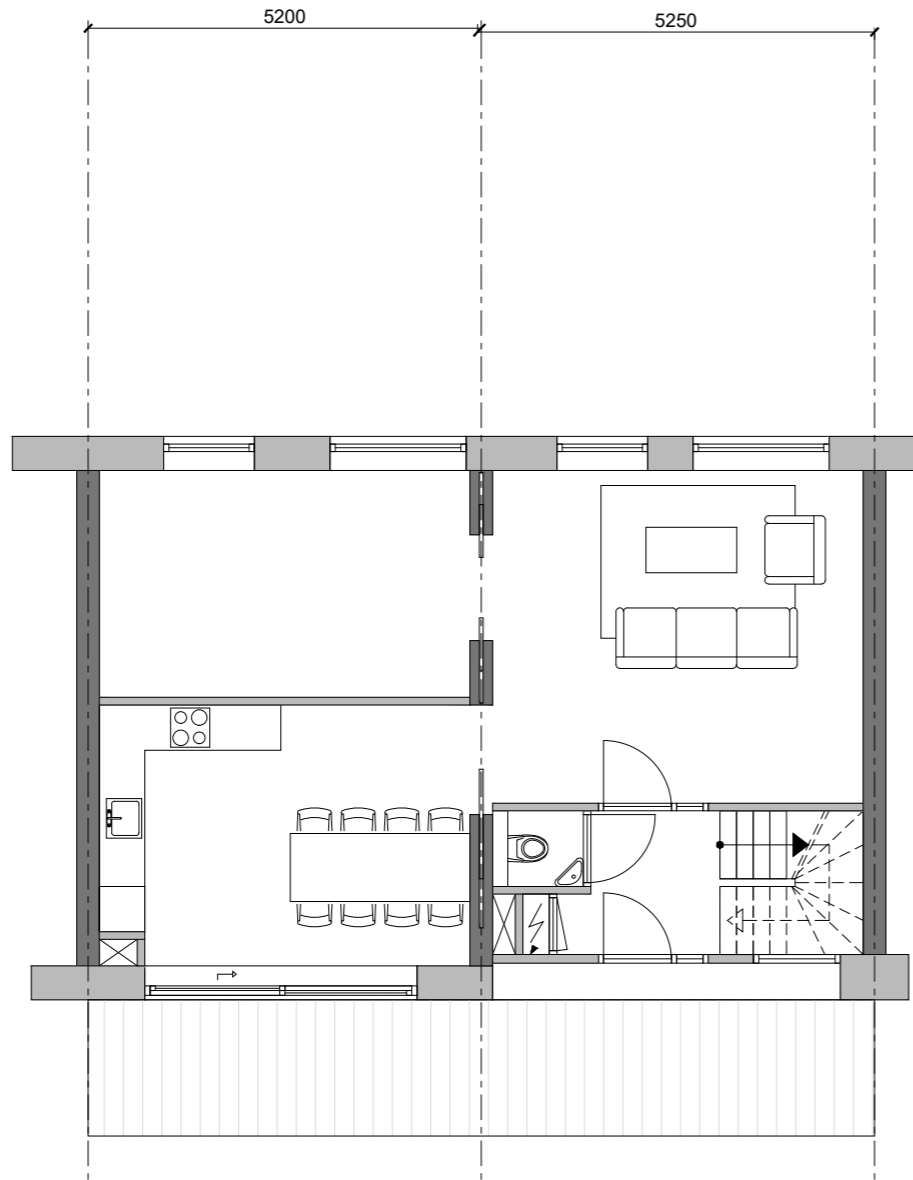
Dwelling types

Duplex B 1:100



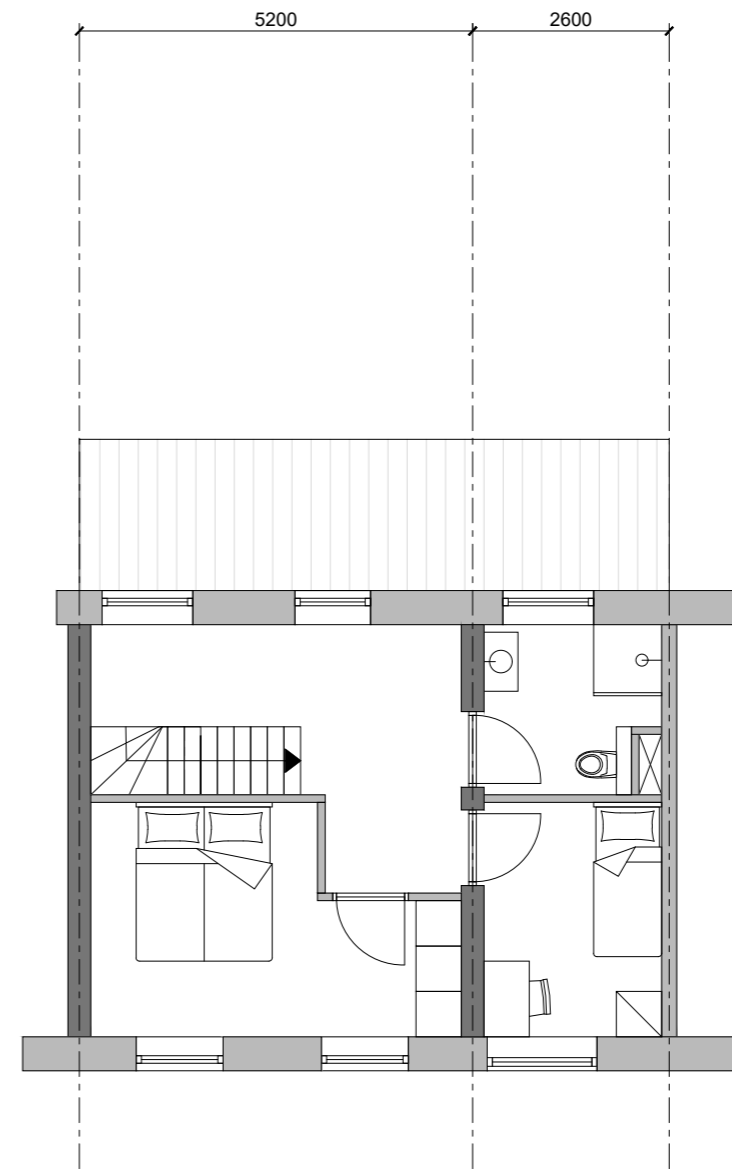
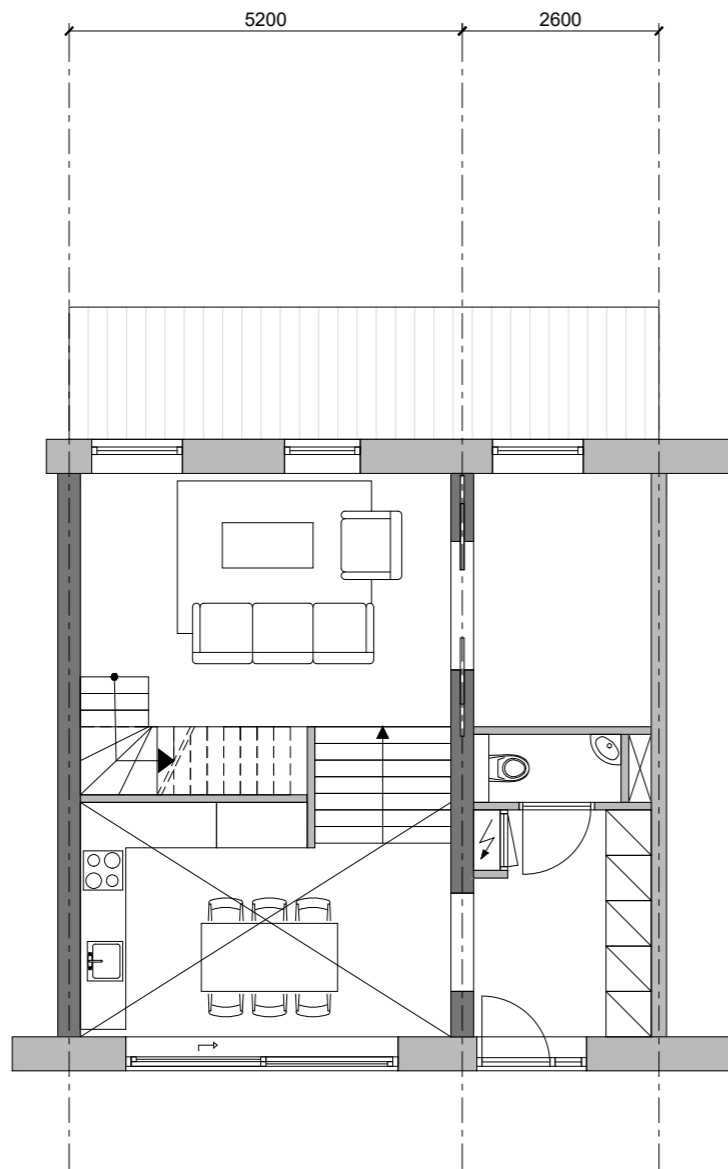
Dwelling types

Duplex A 1:100



Dwelling types

Duplex B' 1:100



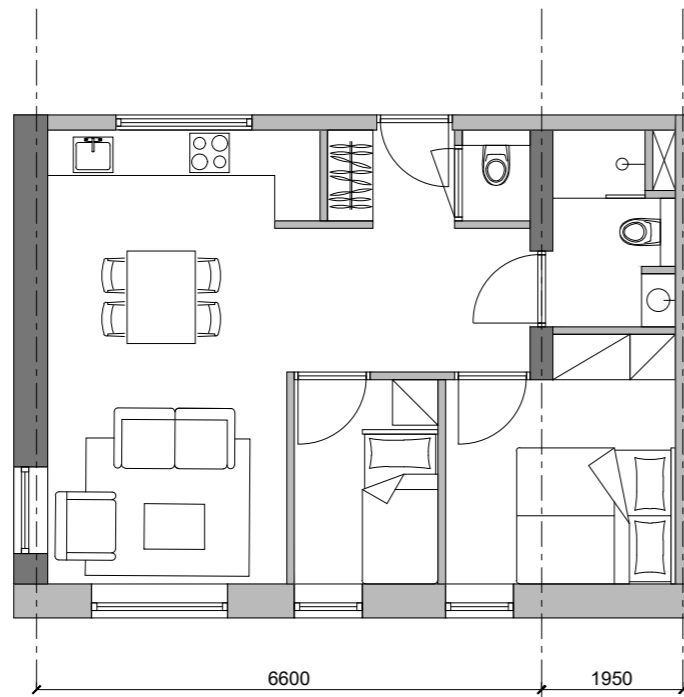
Typology

Apartments

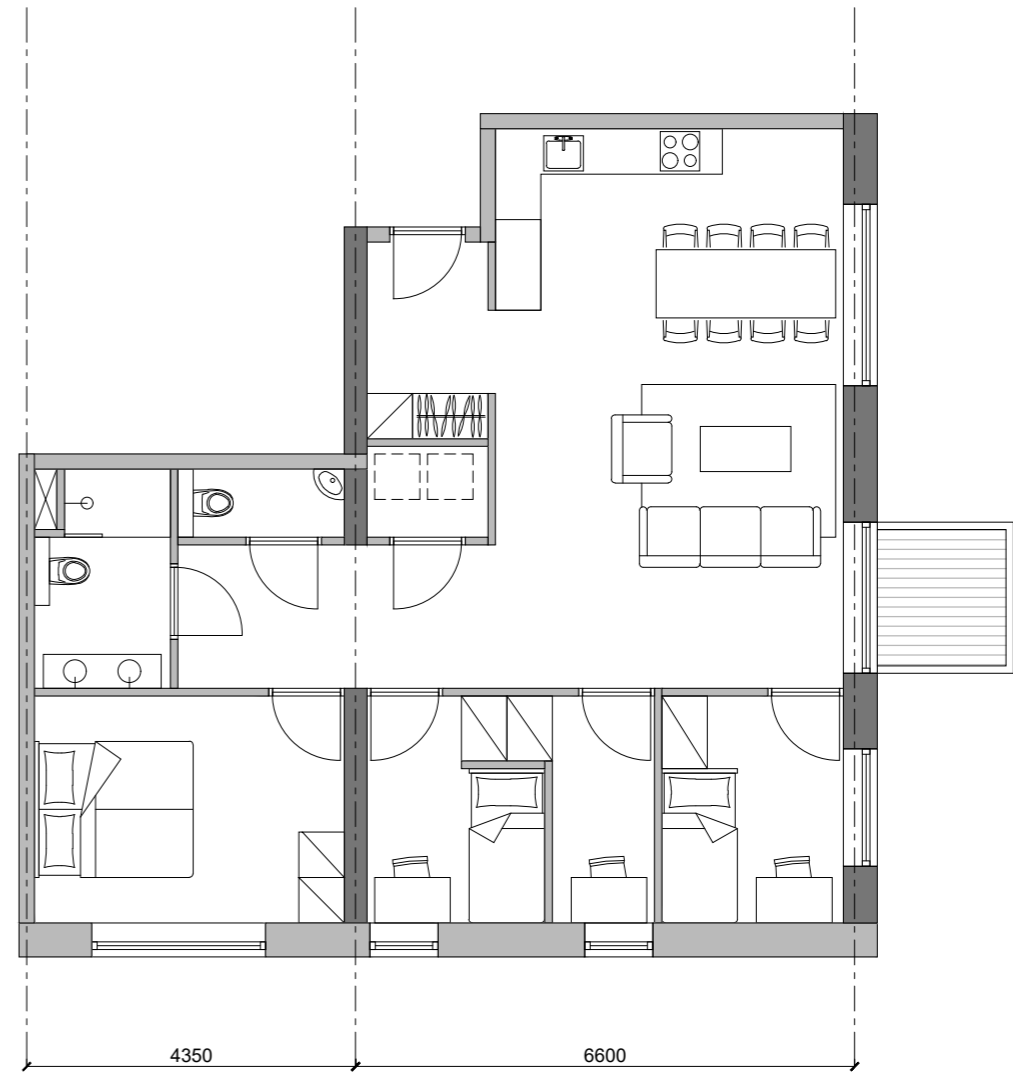


Dwelling types

Apartments 1:100



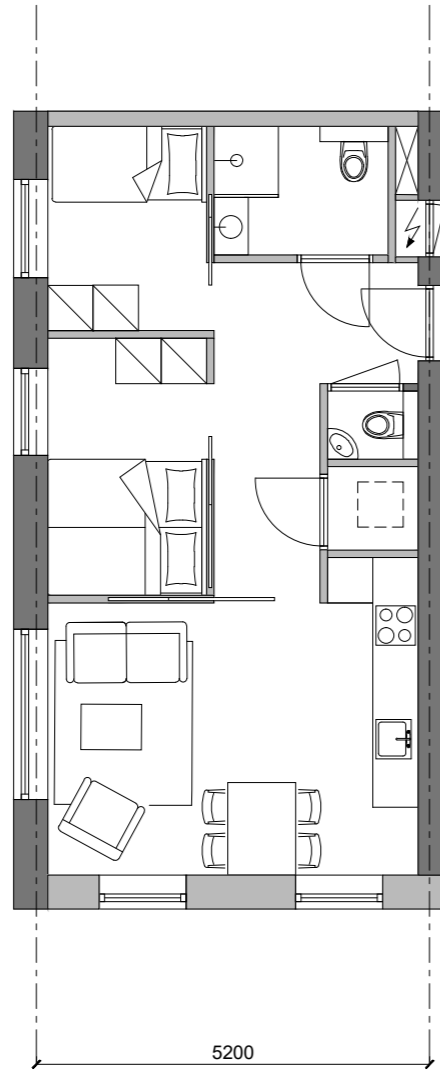
apartment C



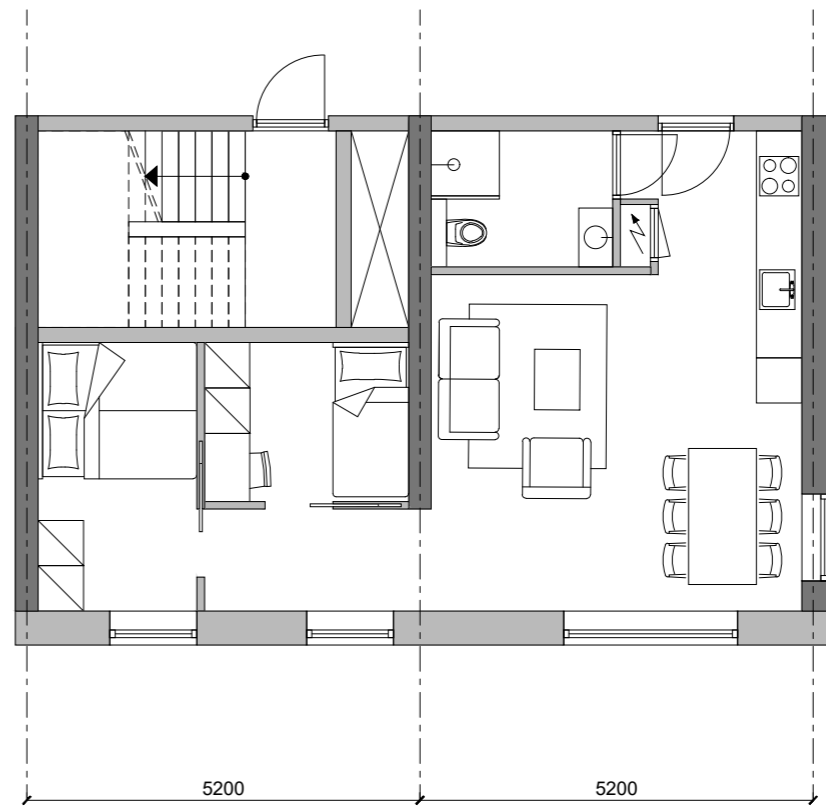
apartment E

Dwelling types

Apartments 1:100



apartment A



apartment B

Facade

North west facade 1:250



Facade

North east facade 1:250



Facade

South west facade 1:250



Facade

South east facade 1:250



Facade

Internal facade 1:250



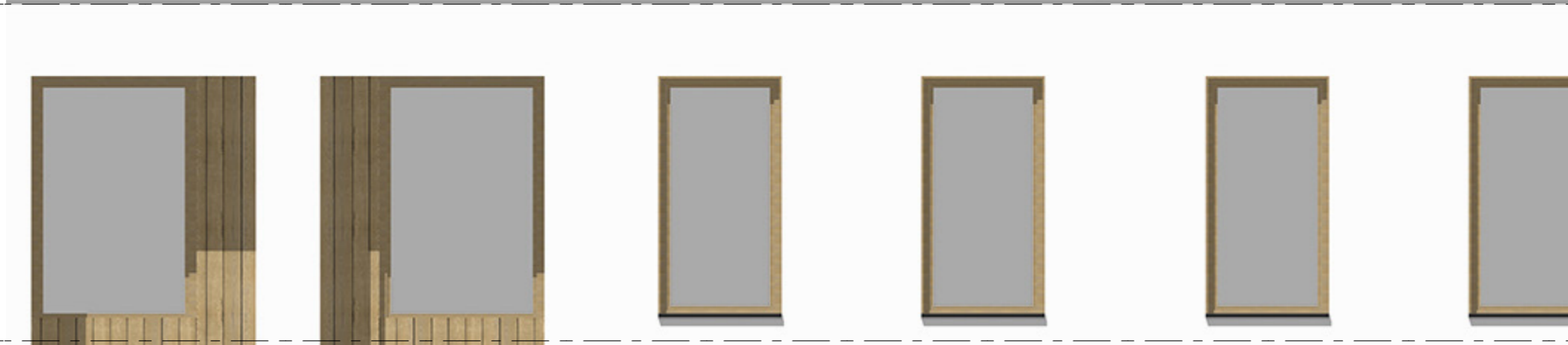
Building technology

Facade fragment 1:50

13500 + P



10500 + P

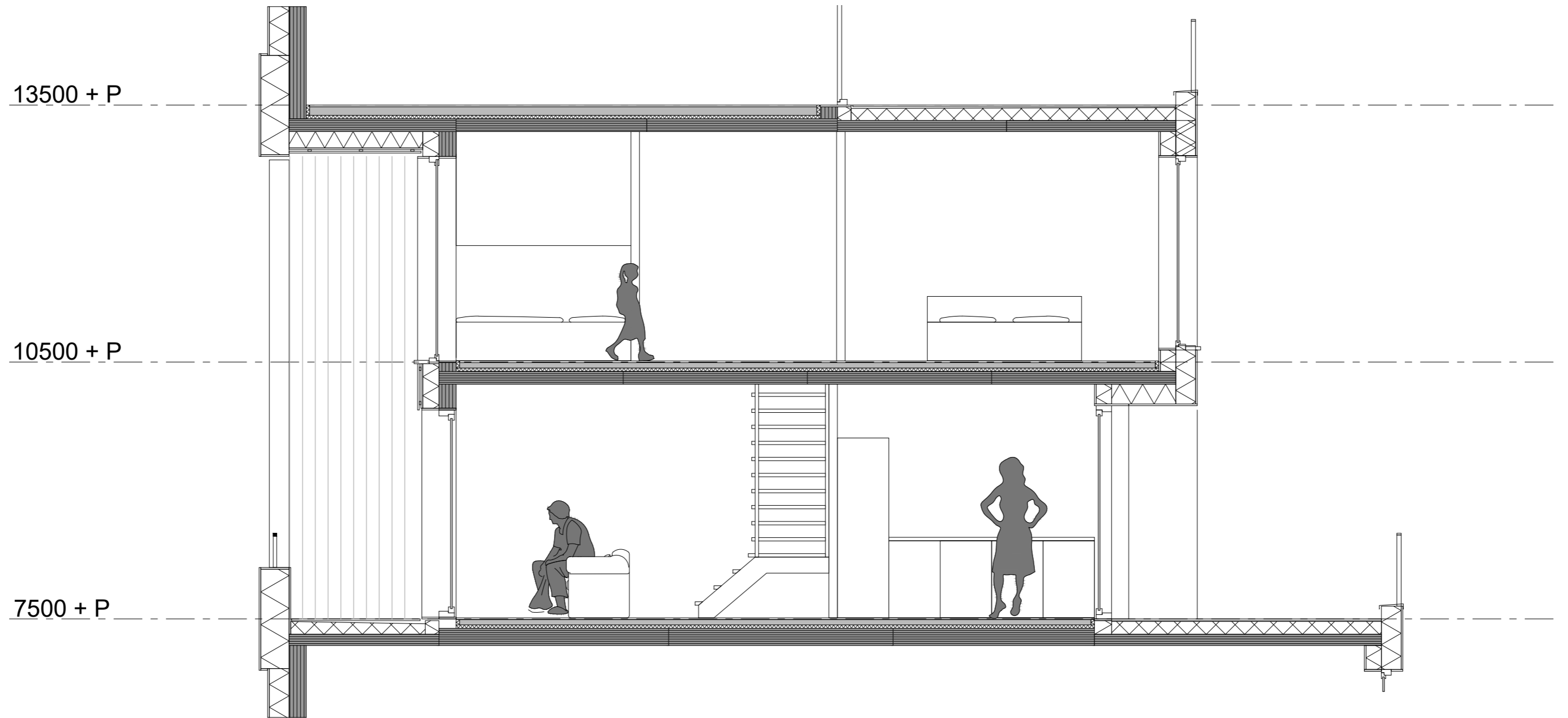


7500 + P



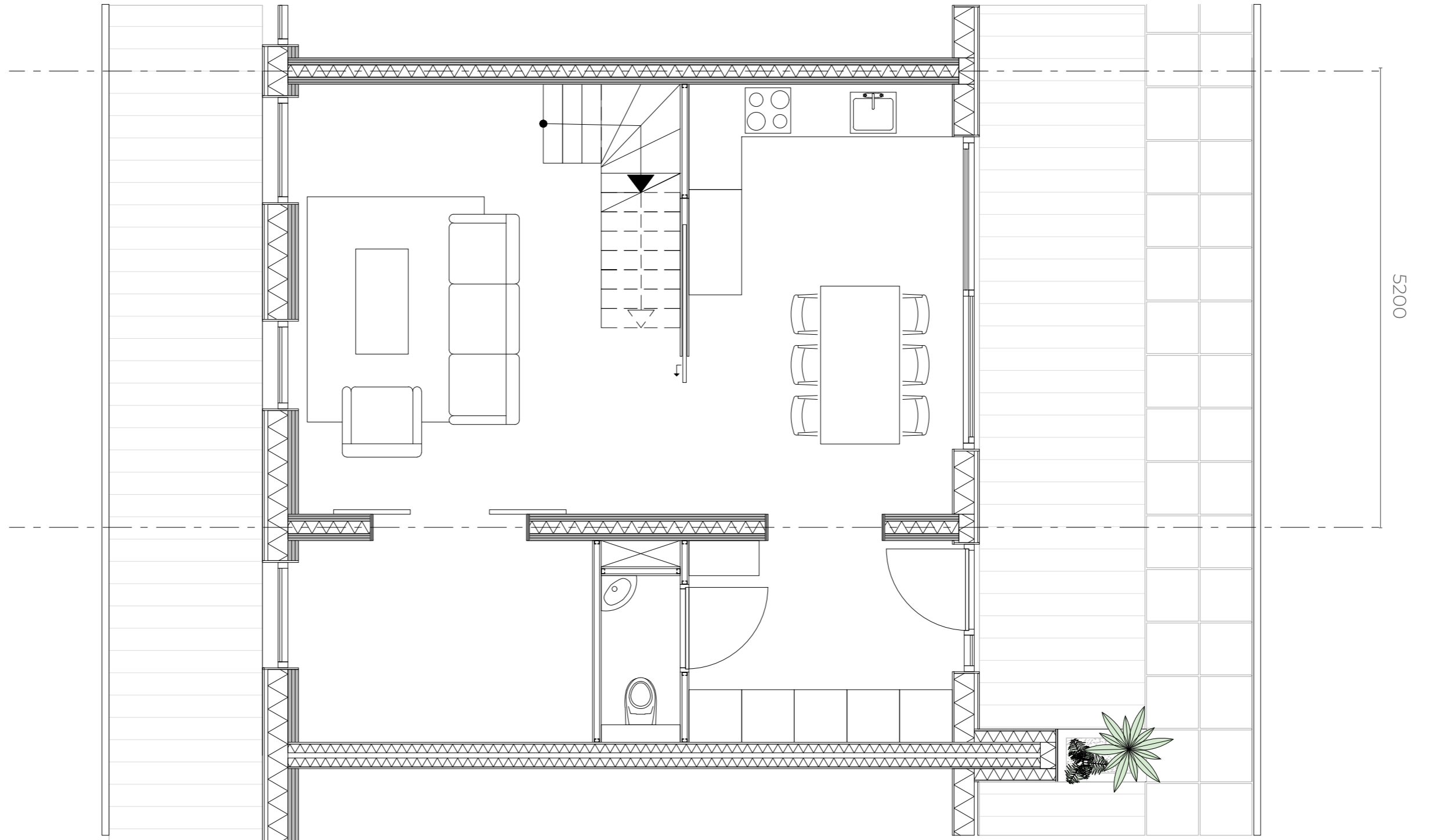
Building technology

Facade fragment 1:50



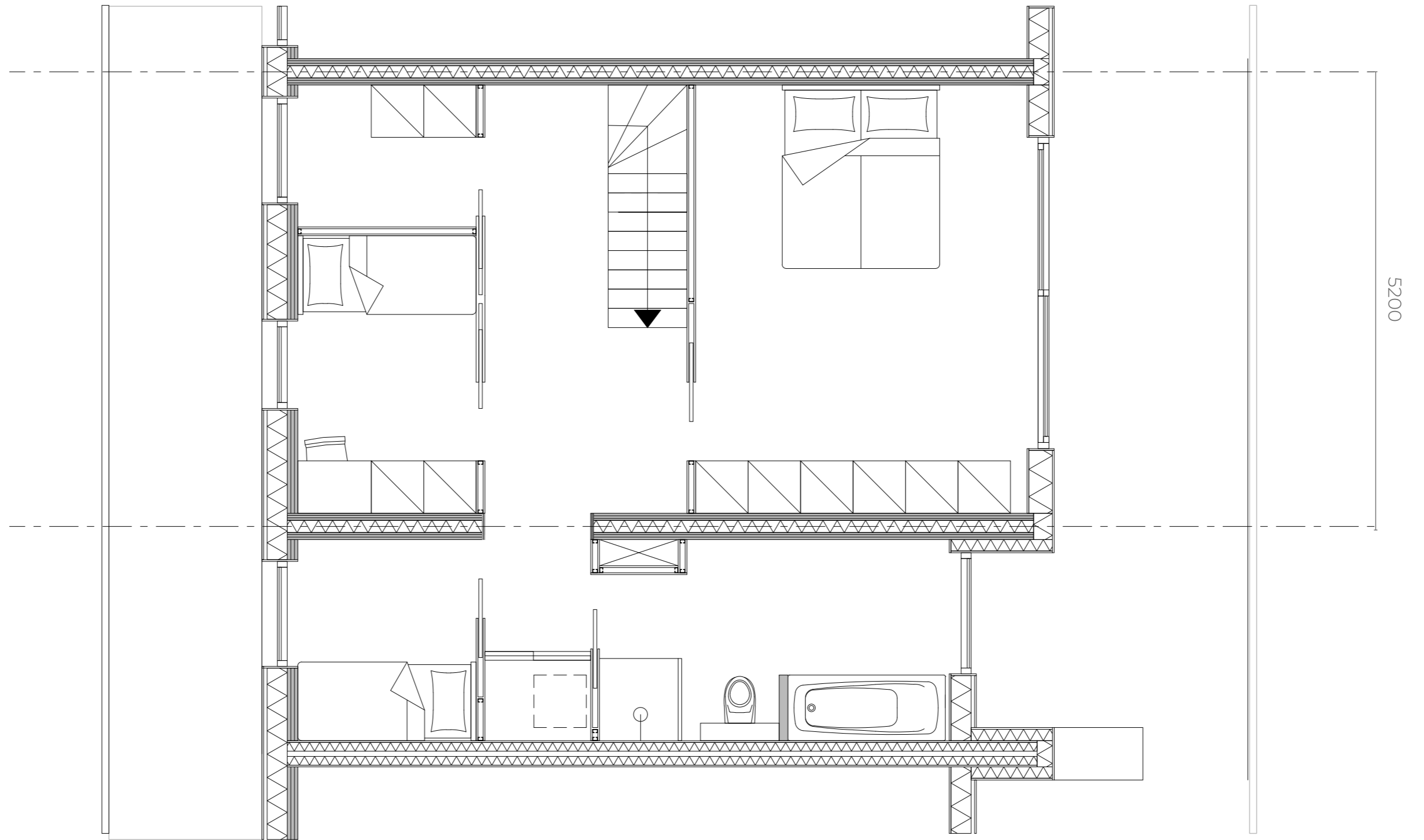
Building technology

Floorplan 1:50



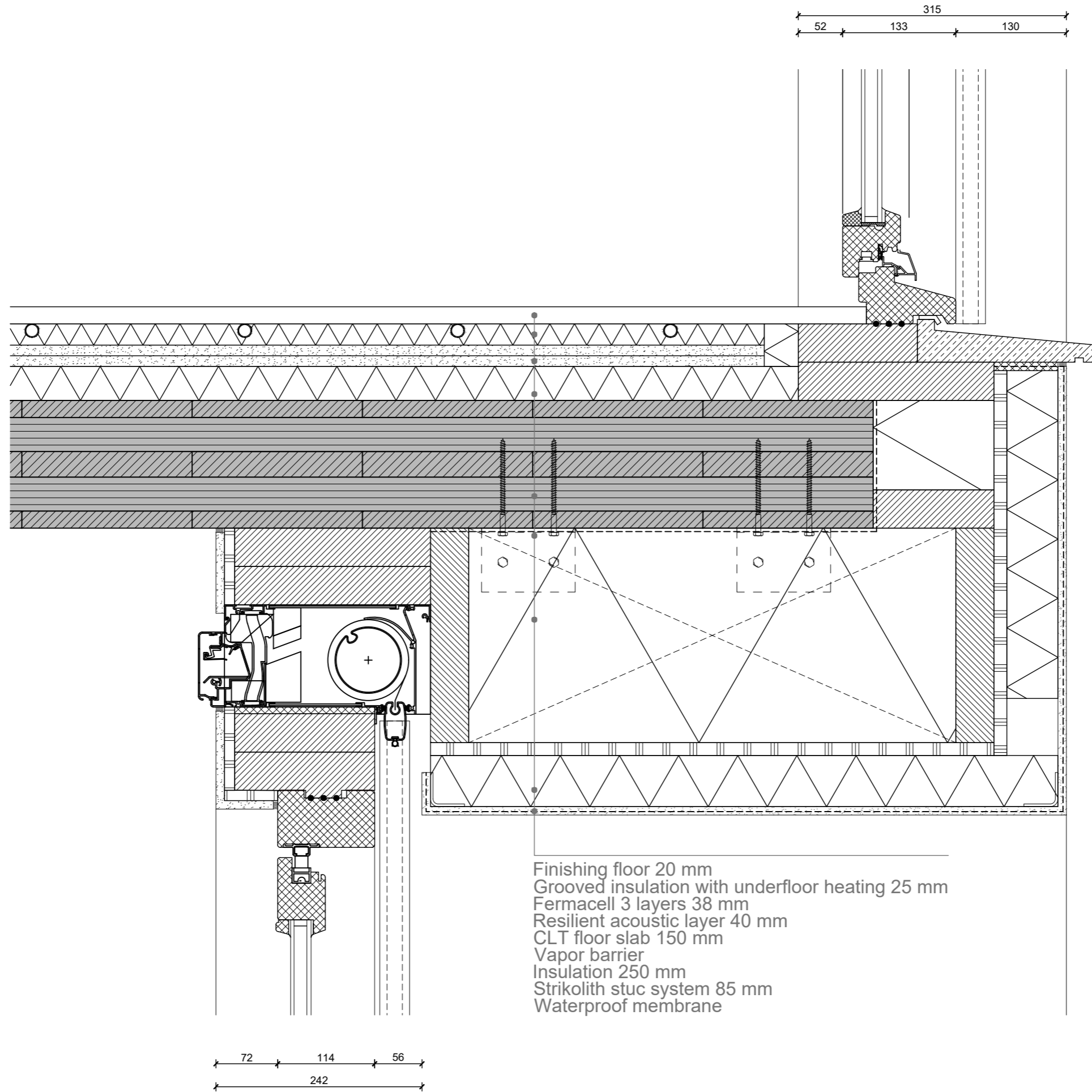
Building technology

Floorplan 1:50



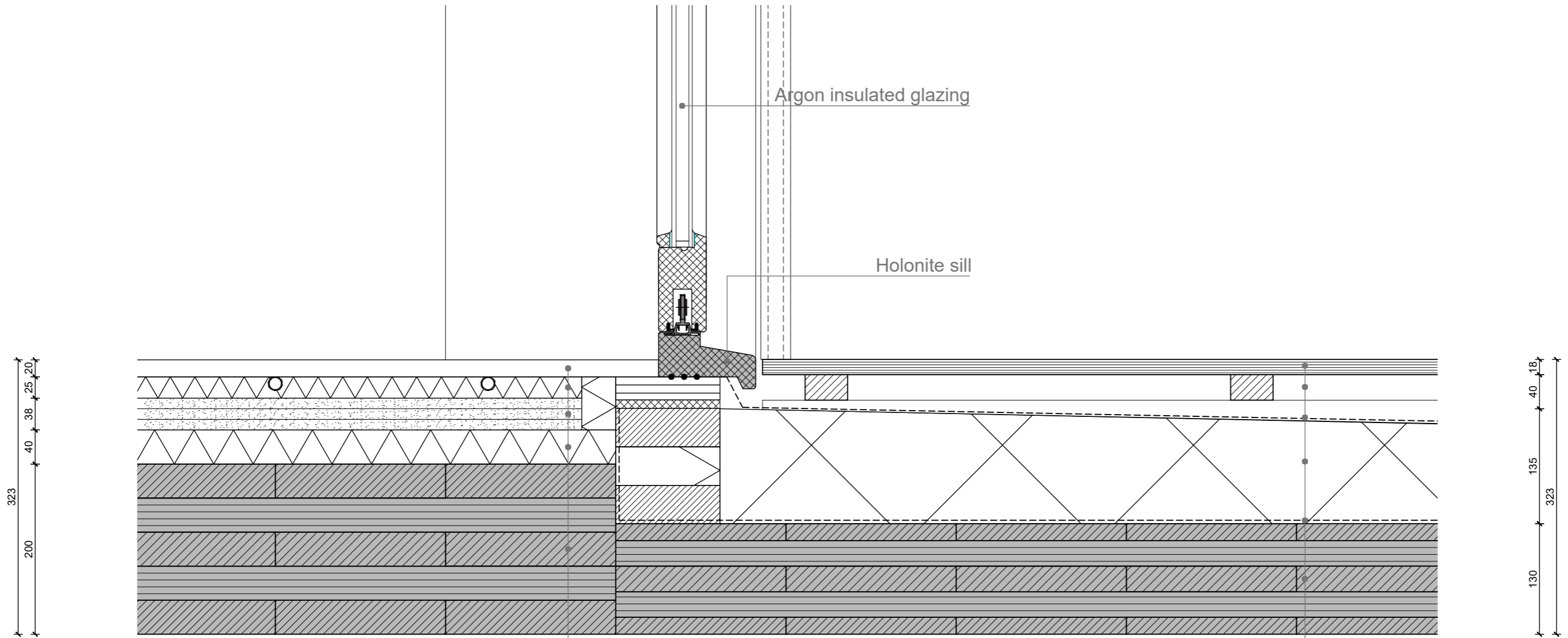
Building technology

Detail A 1:5



Building technology

Detail B 1:5

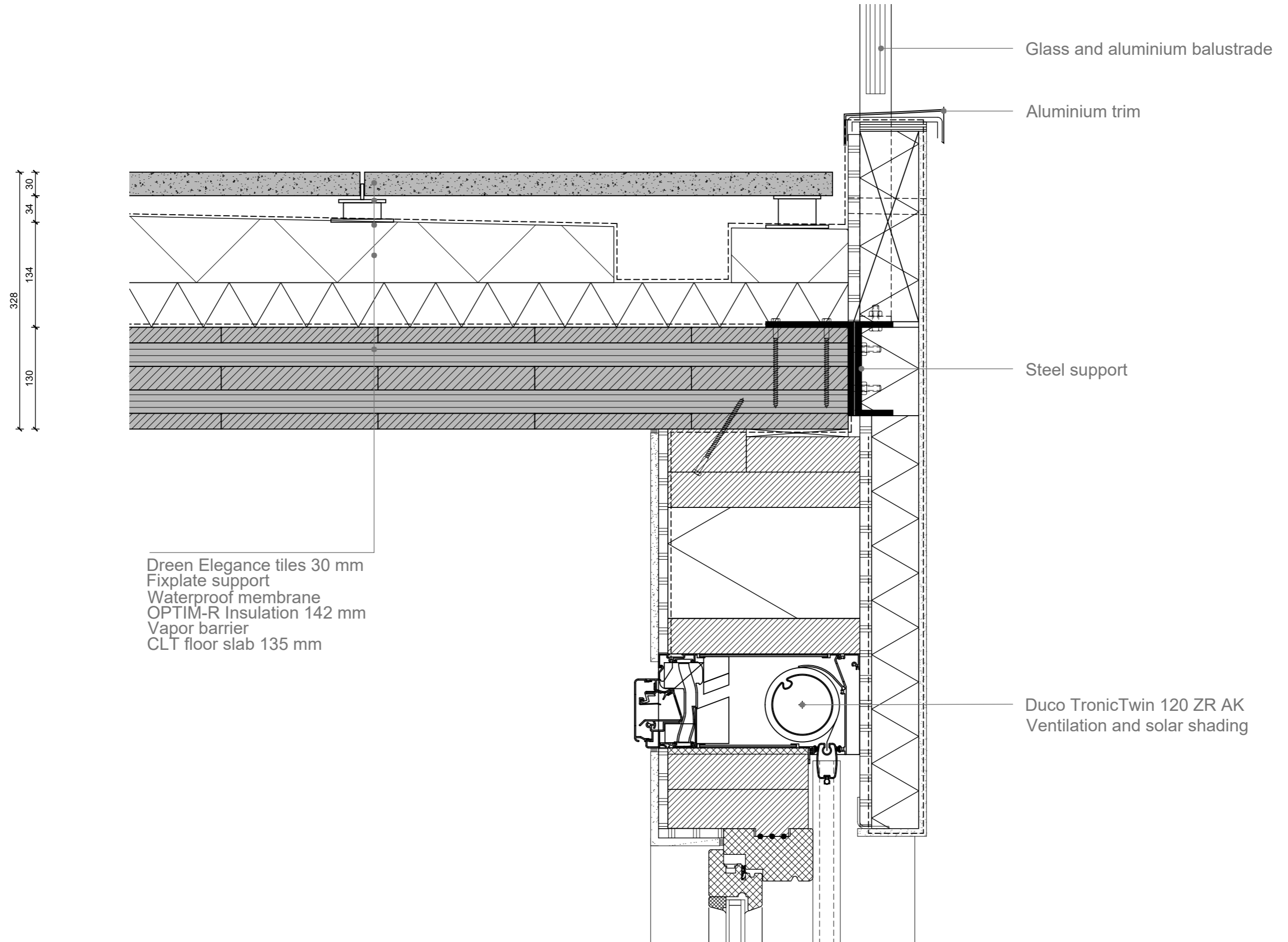


Finishing floor 20 mm
Grooved insulation with underfloor heating 25 mm
Fermacell 3 layers 38 mm
Resilient acoustic layer 40 mm
CLT floor slab 200 mm

Timber deck 18 mm
Timber structure 30 mm
Waterproof membrane
OPTIM-R Insulation 142 mm
Vapor barrier
CLT floor slab 135 mm

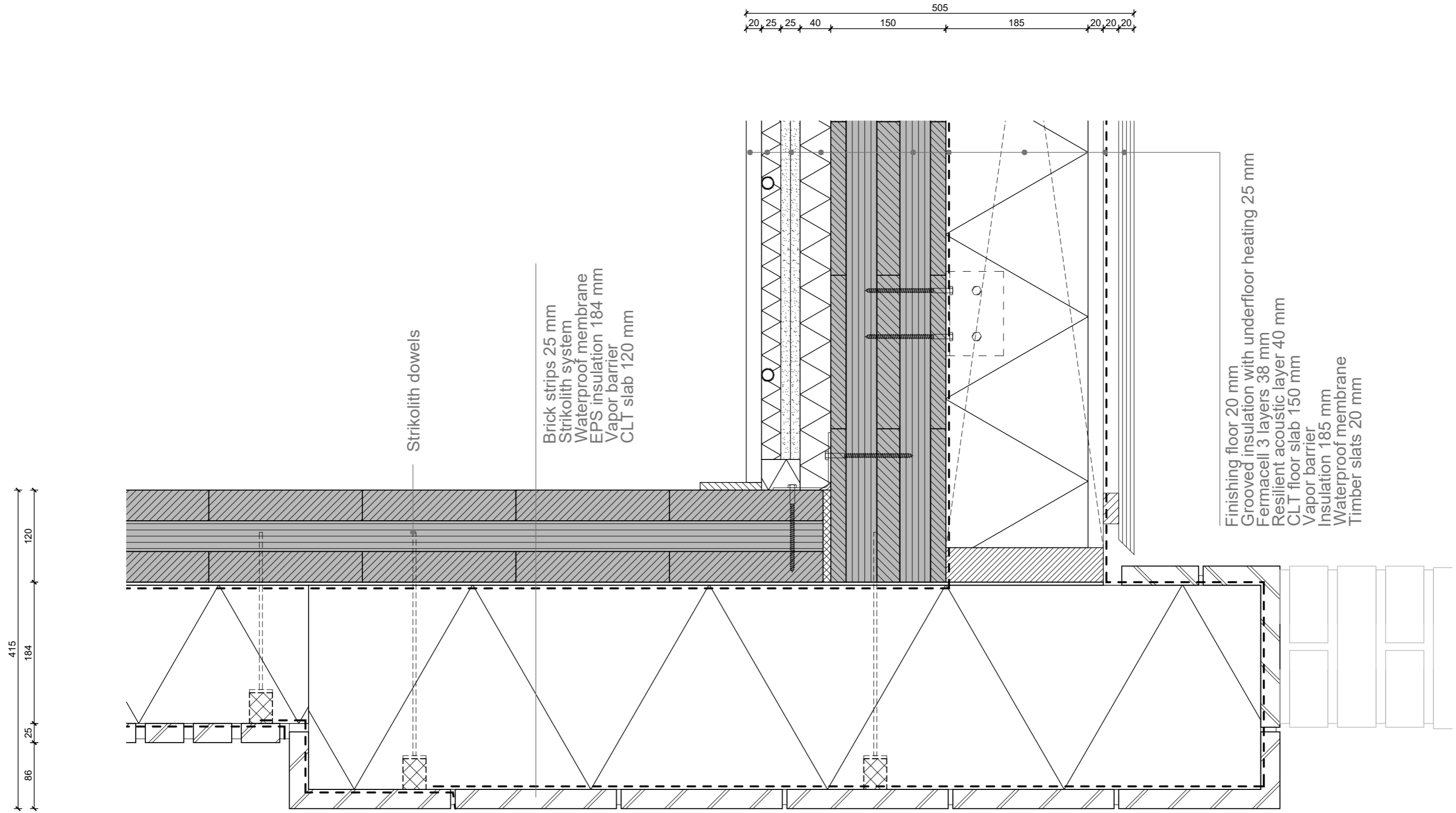
Building technology

Detail C 1:5



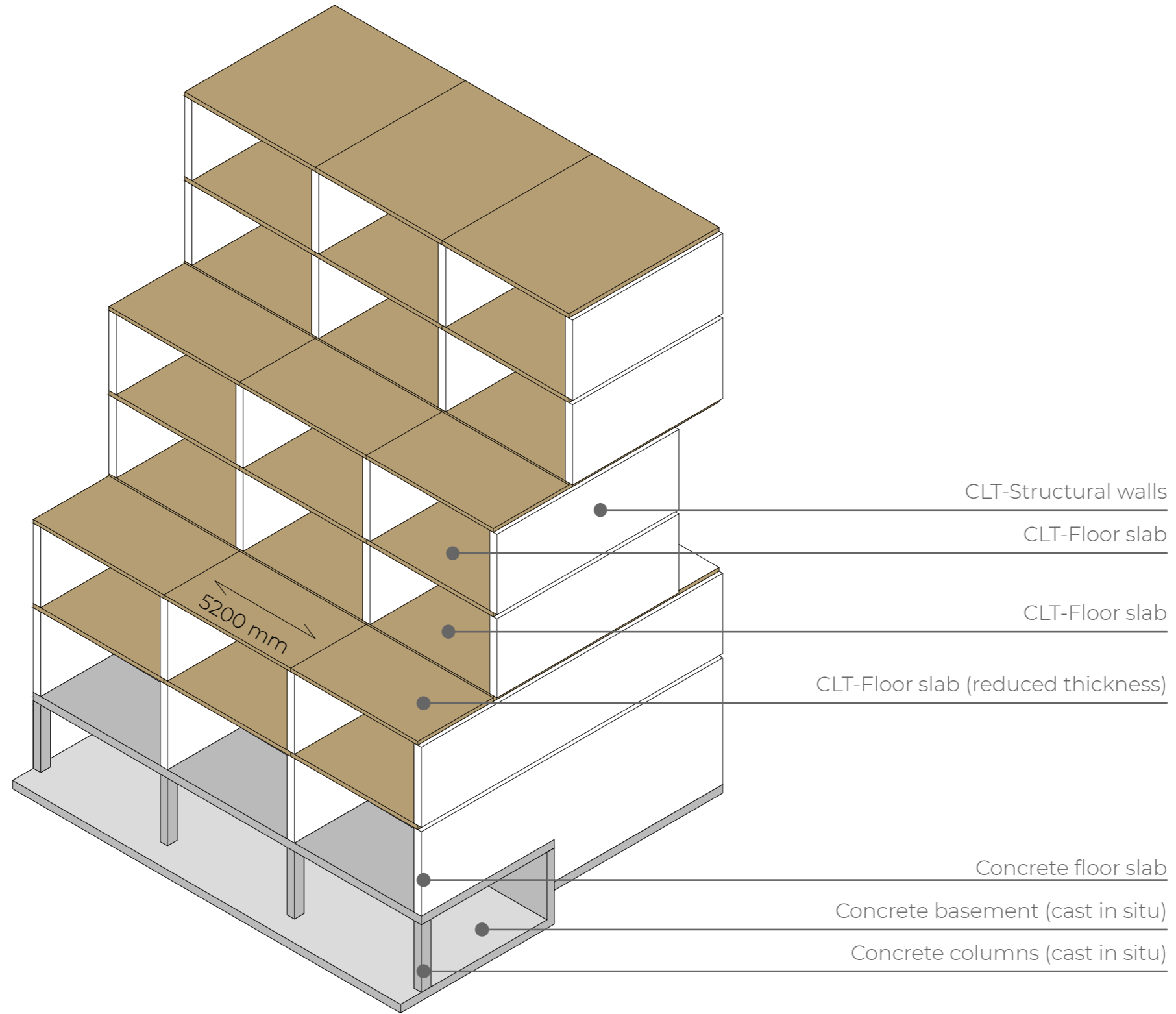
Building technology

Detail D 1:5



Structure

Construction diagram



Climate

Climate principles

