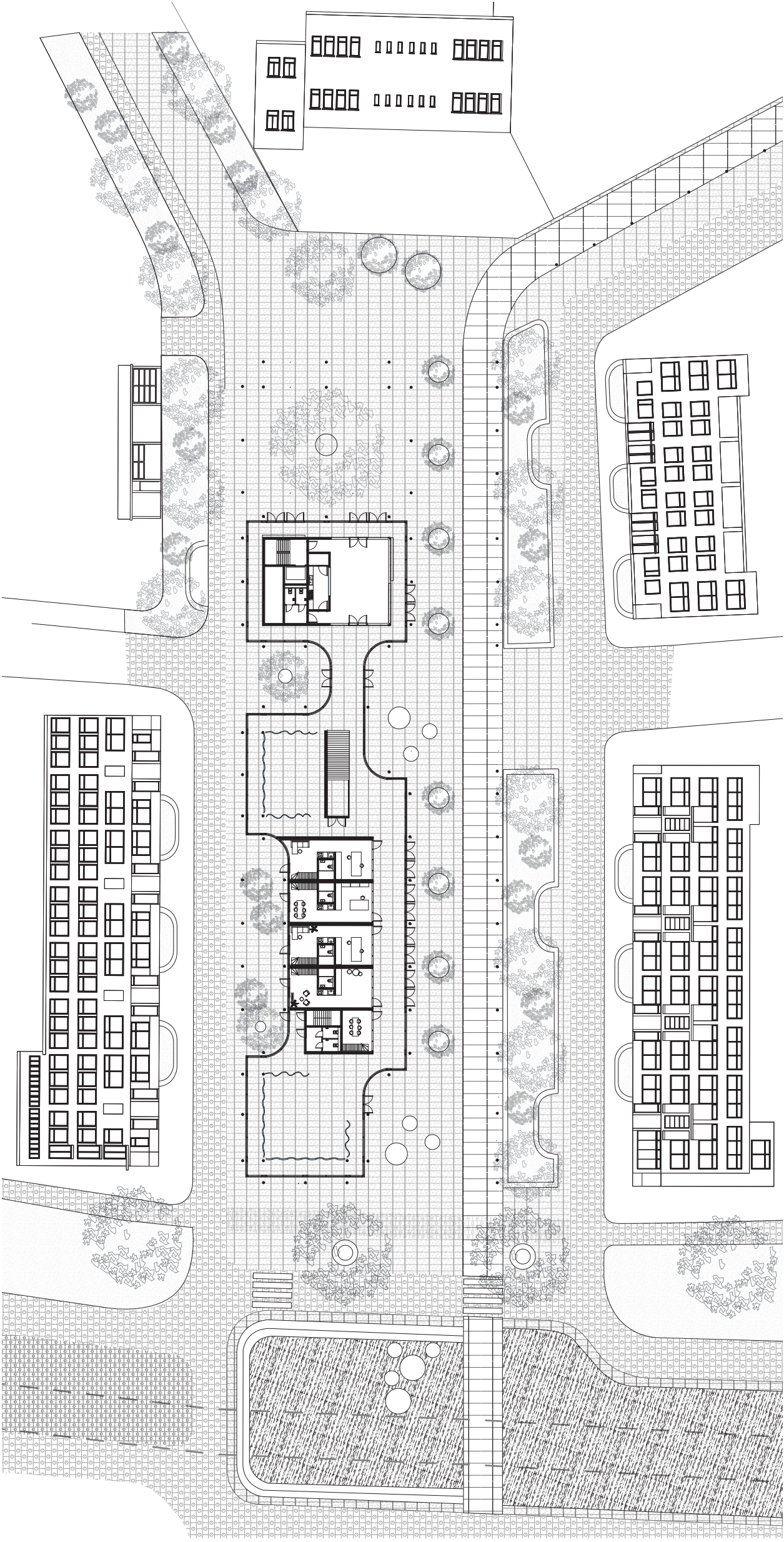




**the
design**

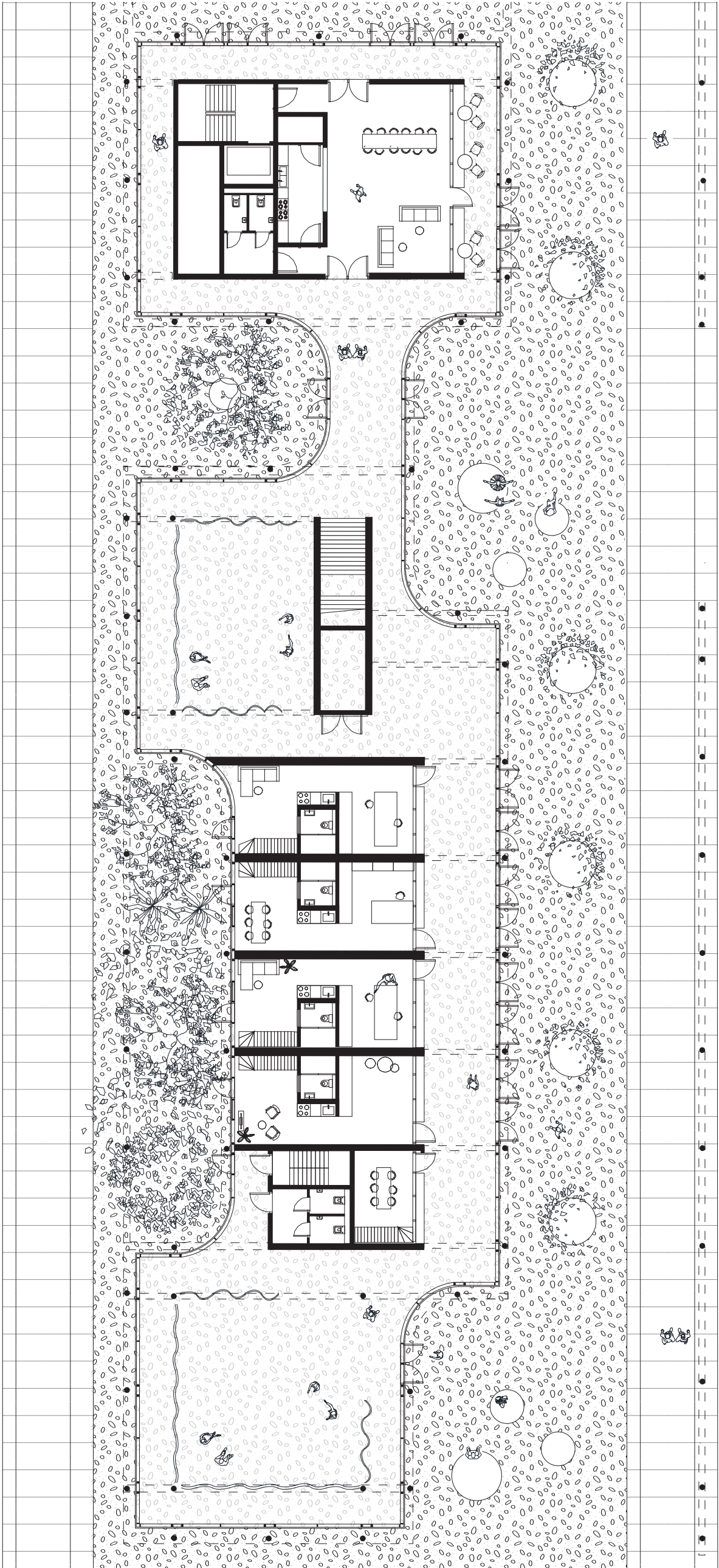
urban plan

1:500



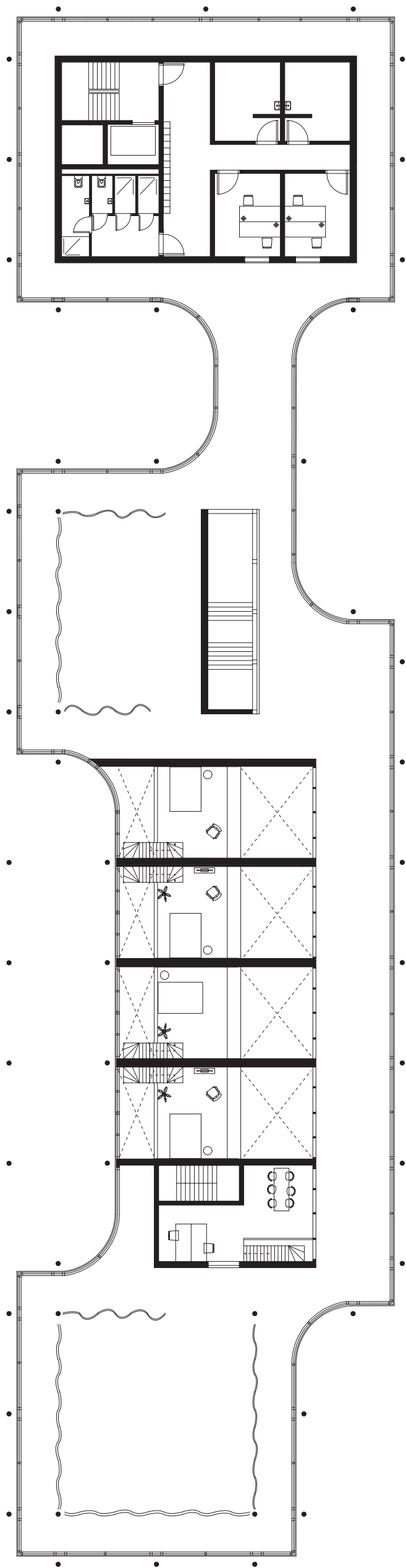
ground floor

1:200



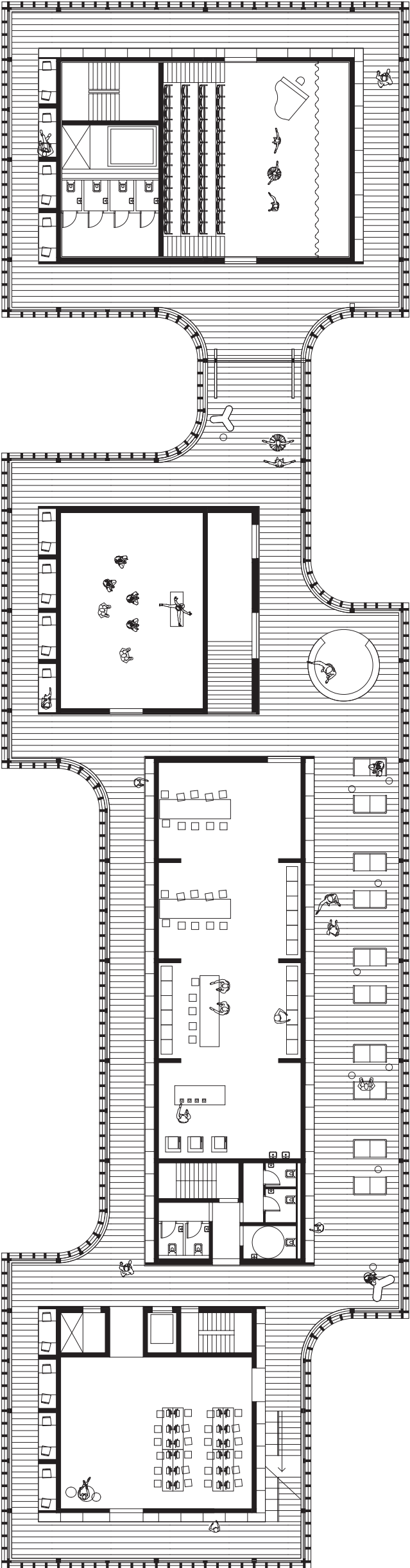
first floor

1:200



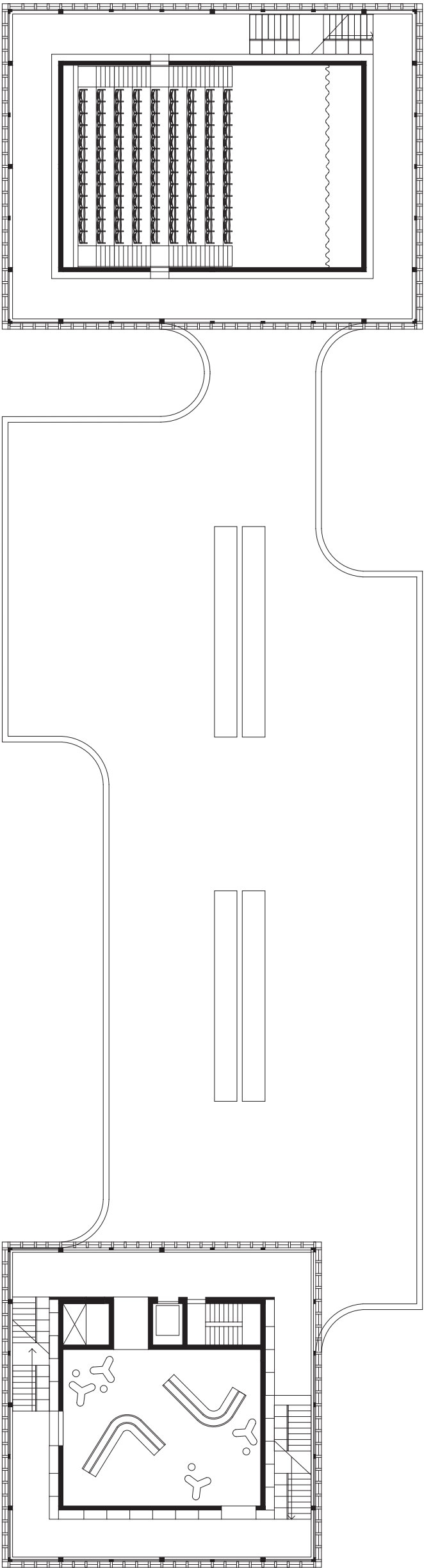
second floor

1:200



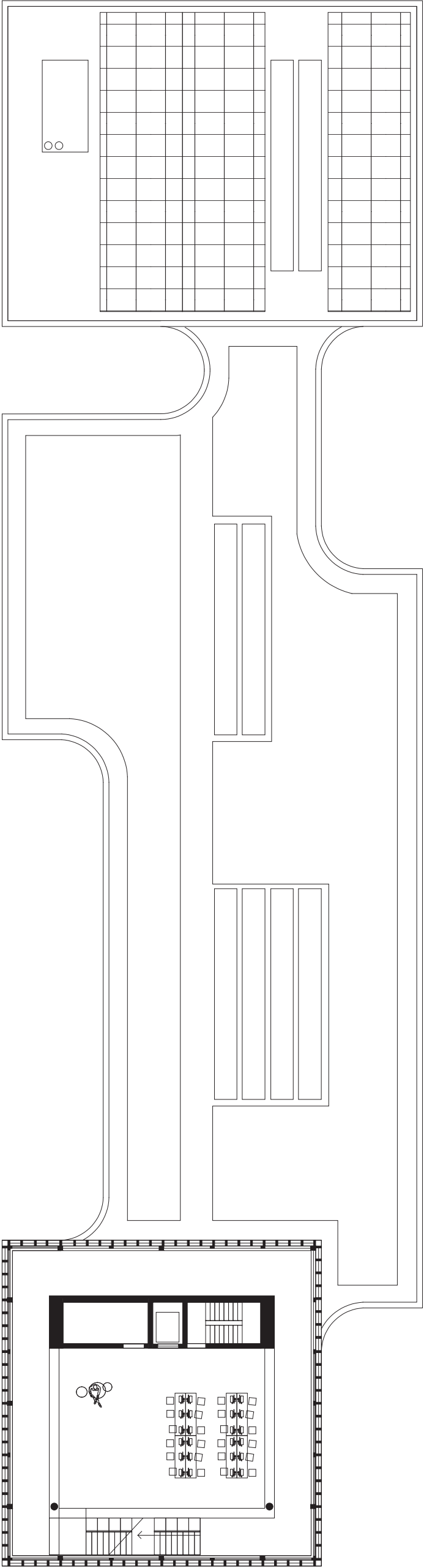
third floor

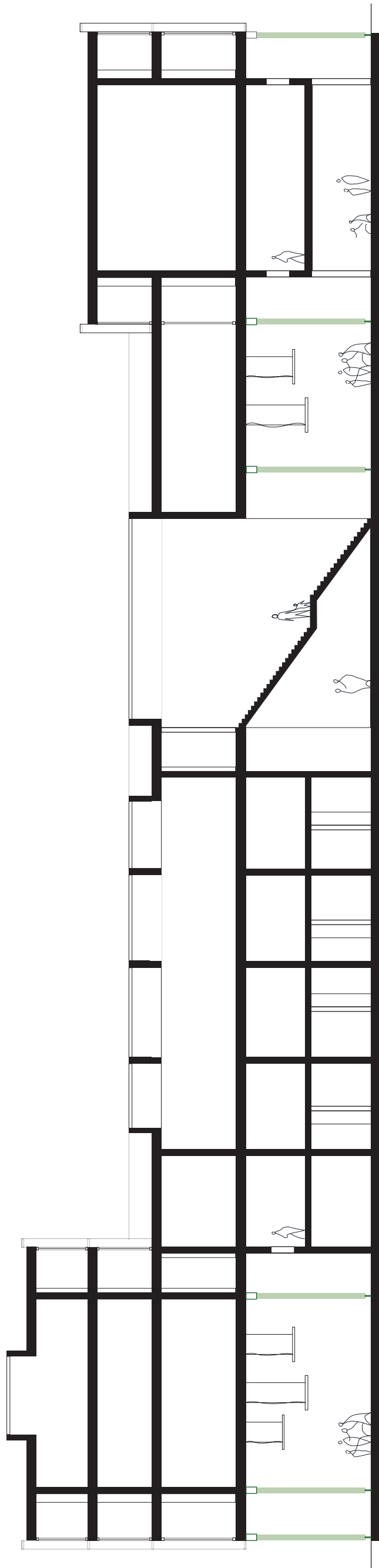
1:200



fifth floor

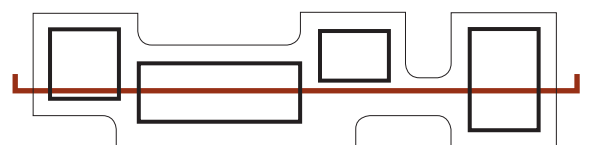
1:200





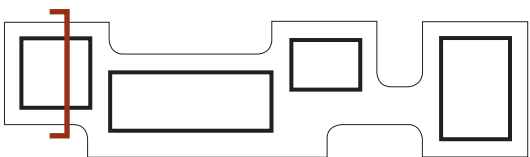
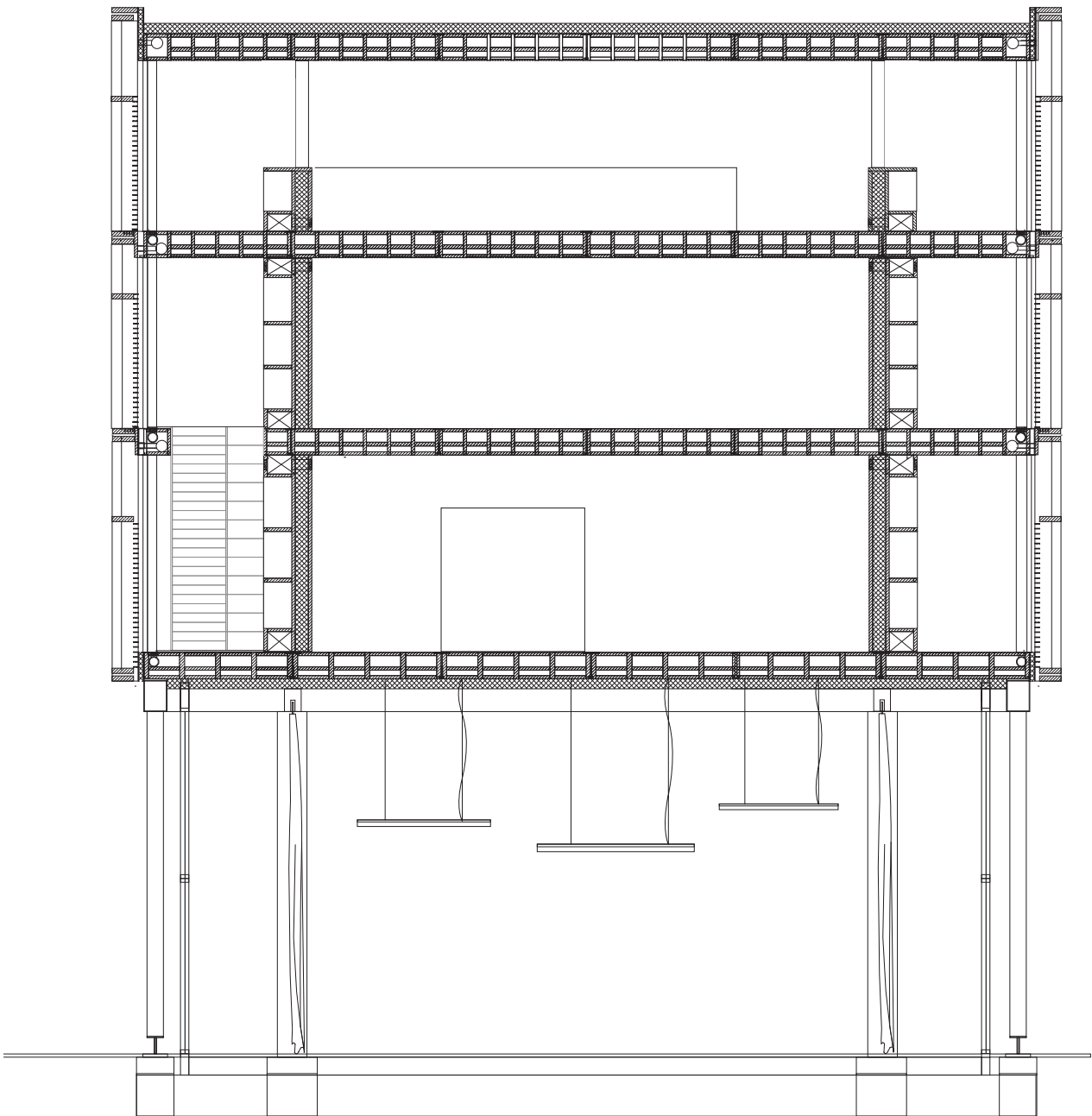
section

1:200



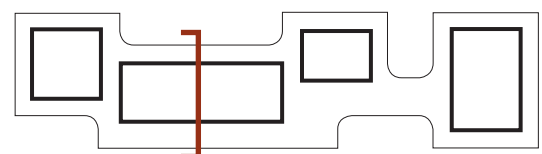
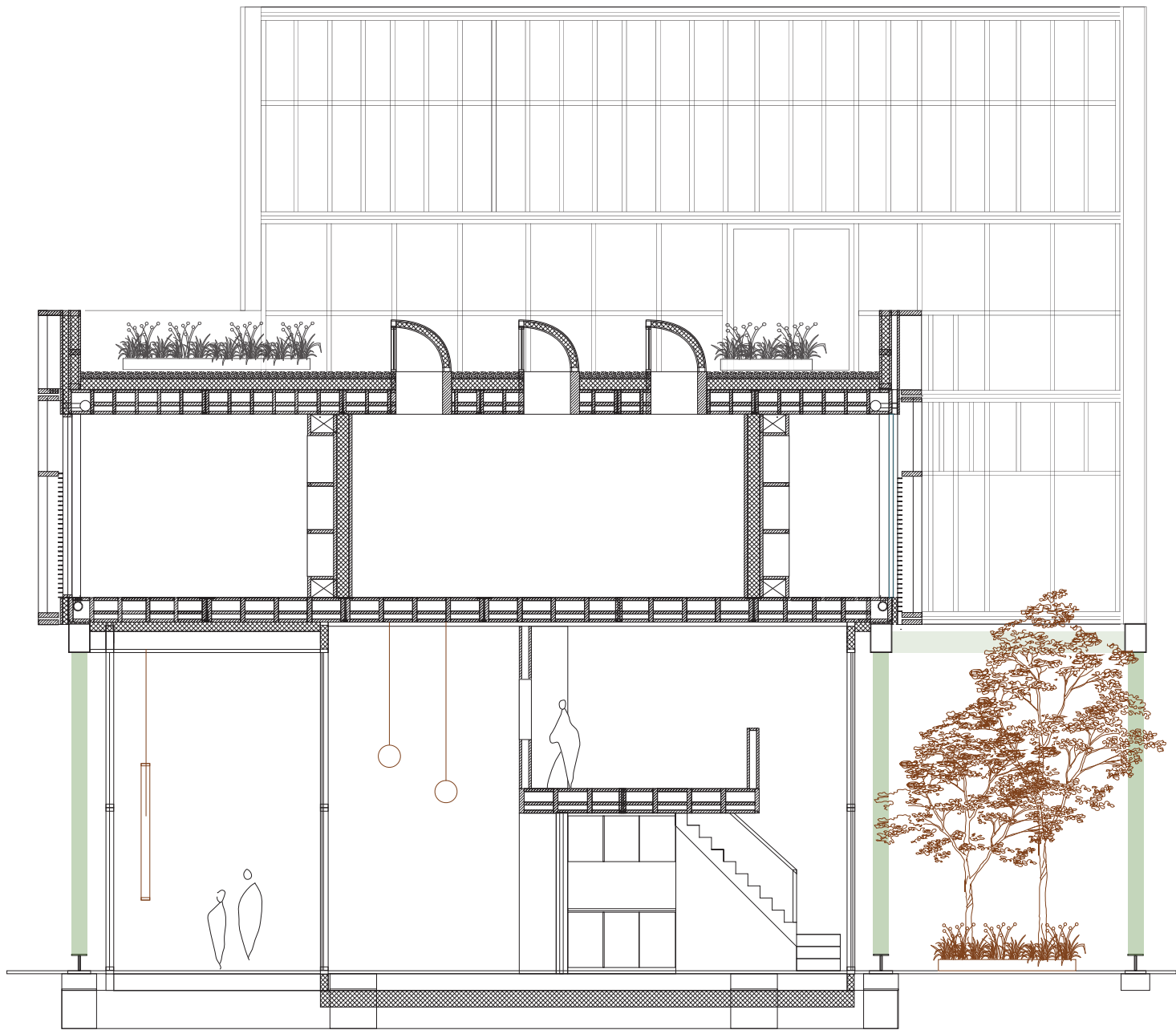
section
exhibition/library

1:100

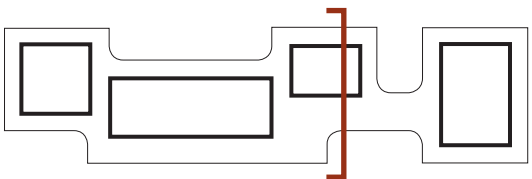
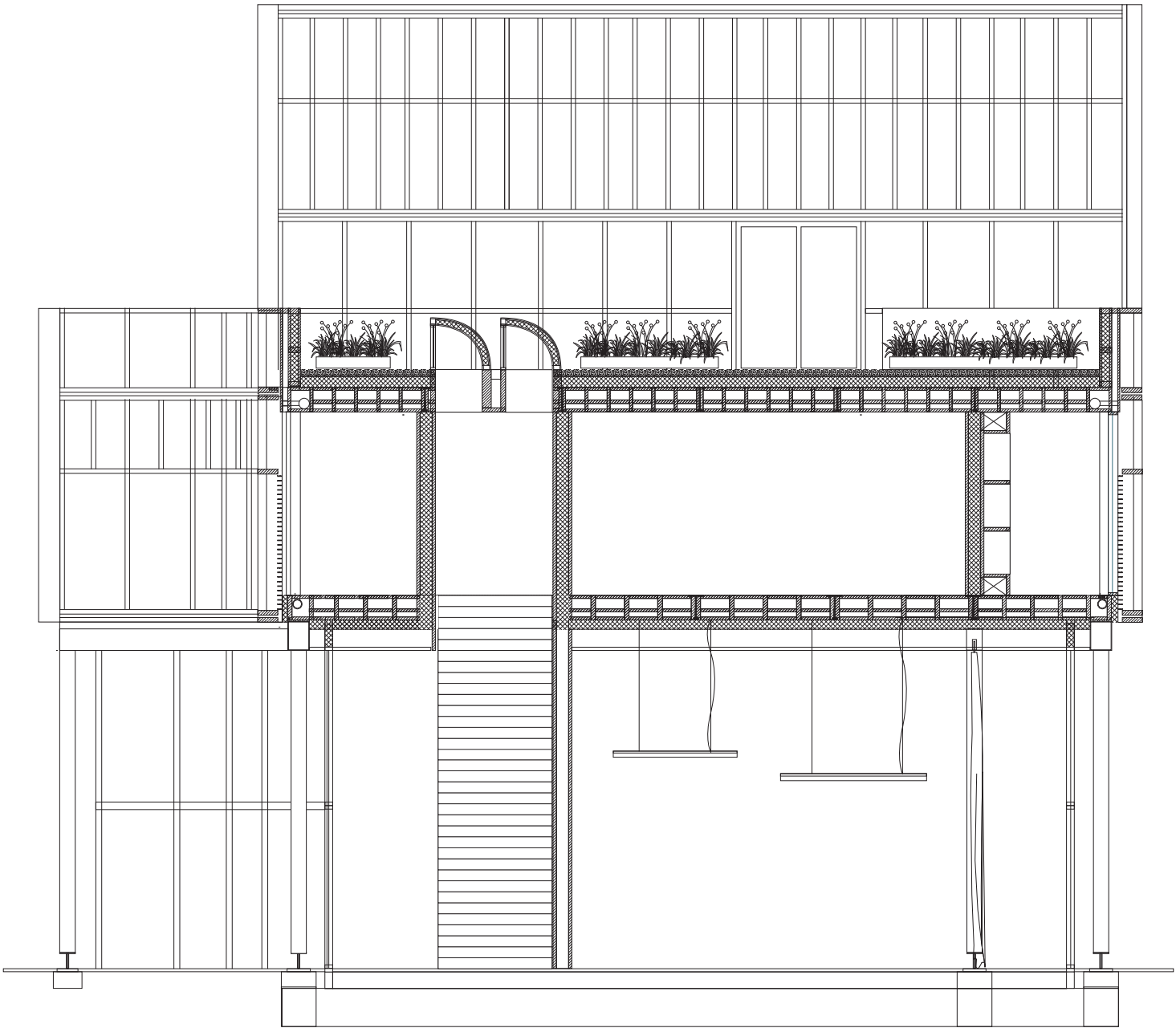


section
workshop/atelier

1:100

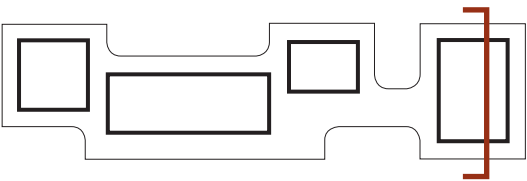
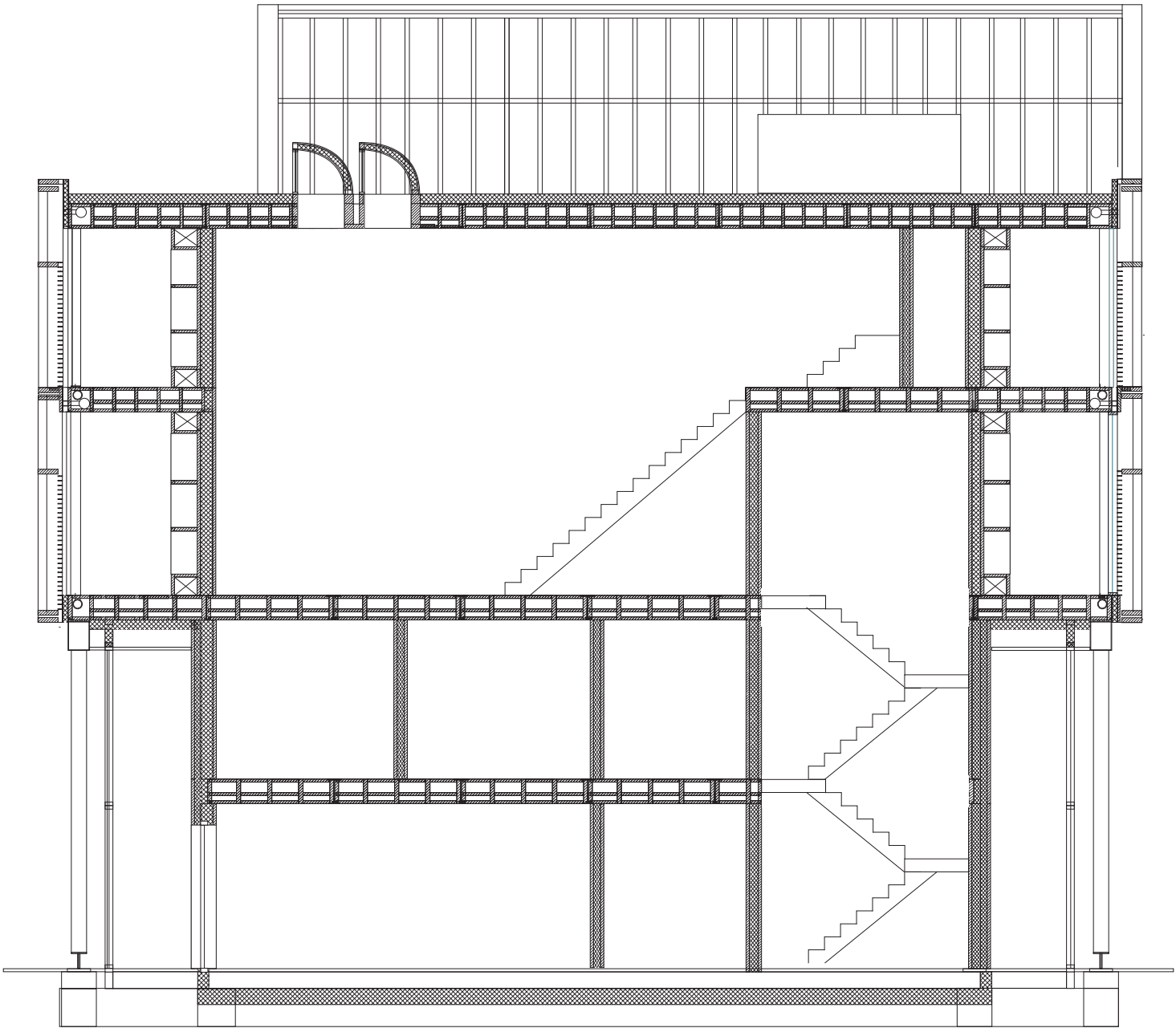


section
movement/stage
1:100

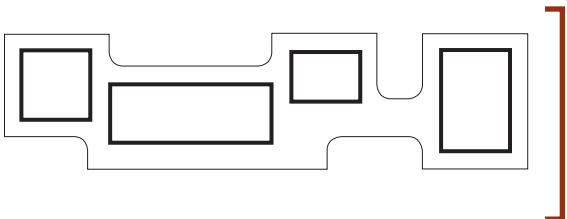


section
theater/café

1:100

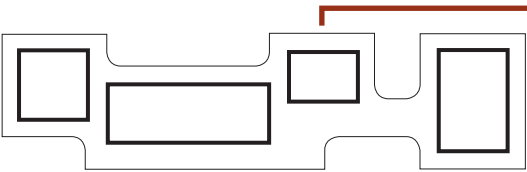
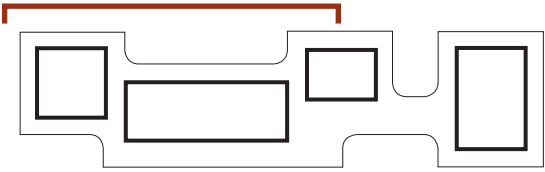
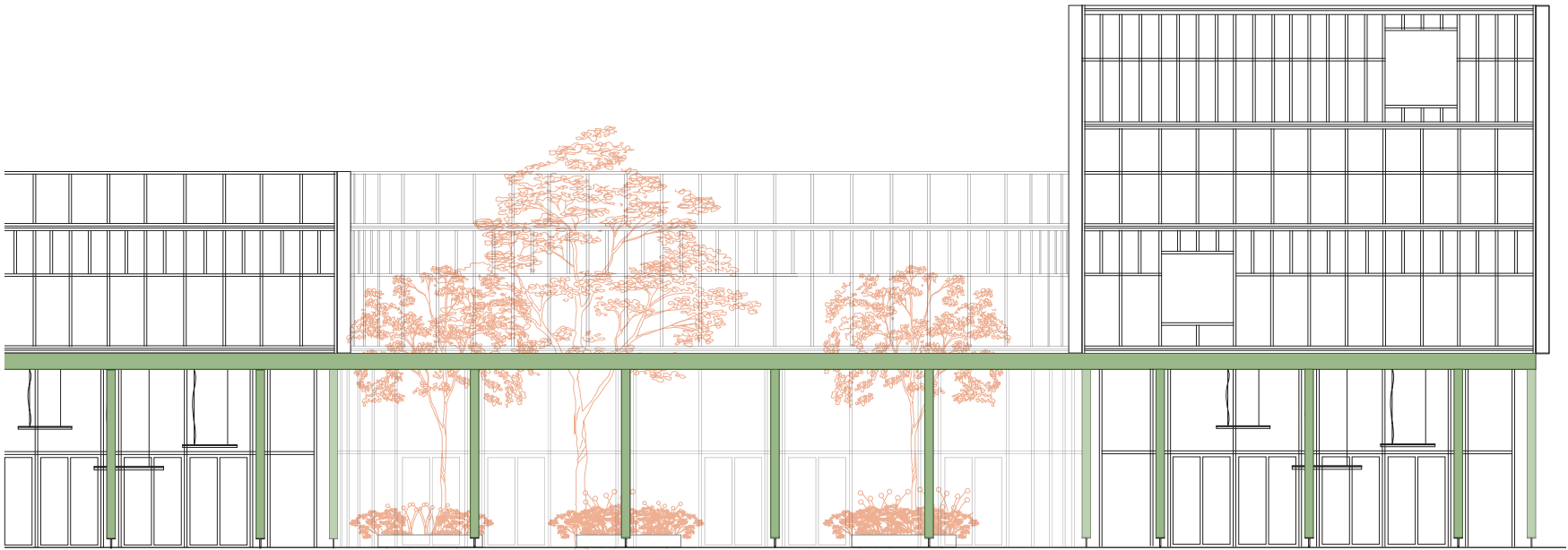


facade
east
1:200



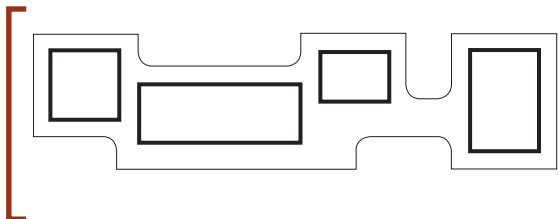
facade
north

1:200



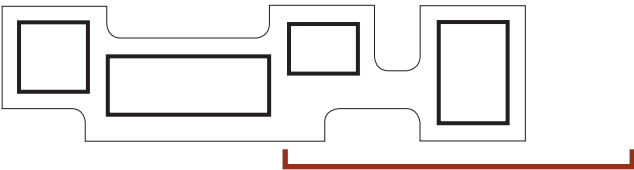
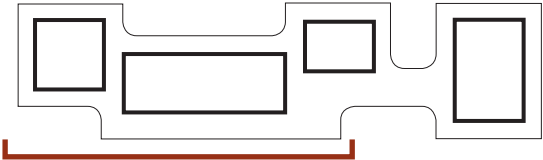
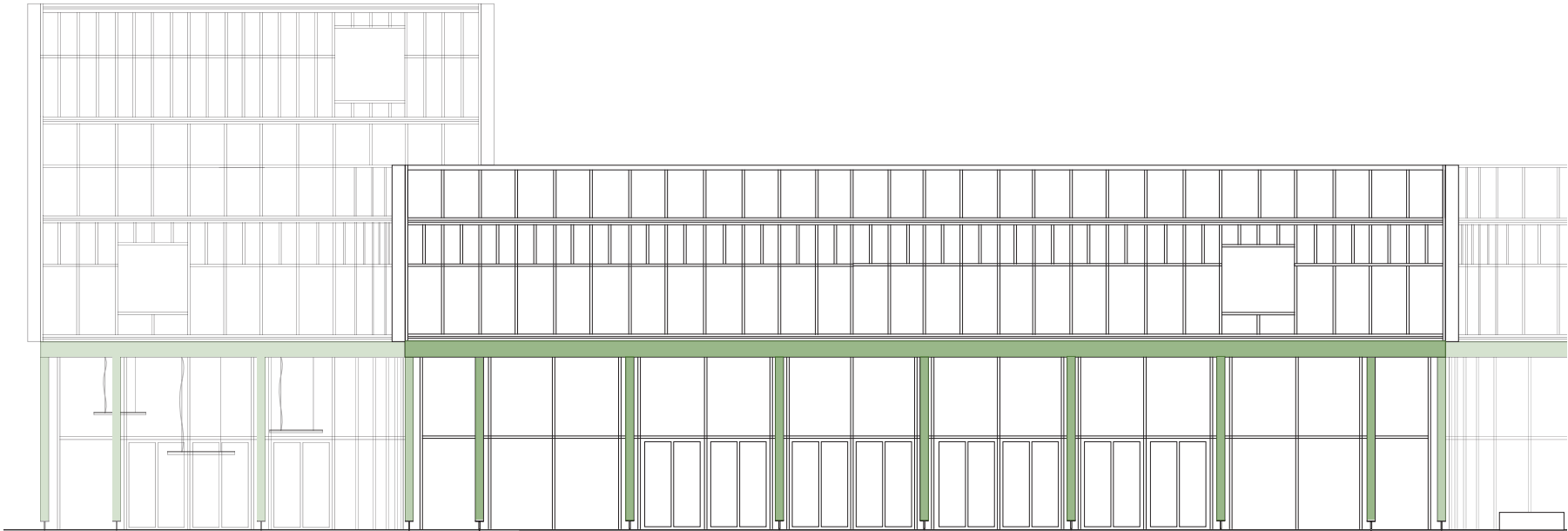
facade
west

1:200



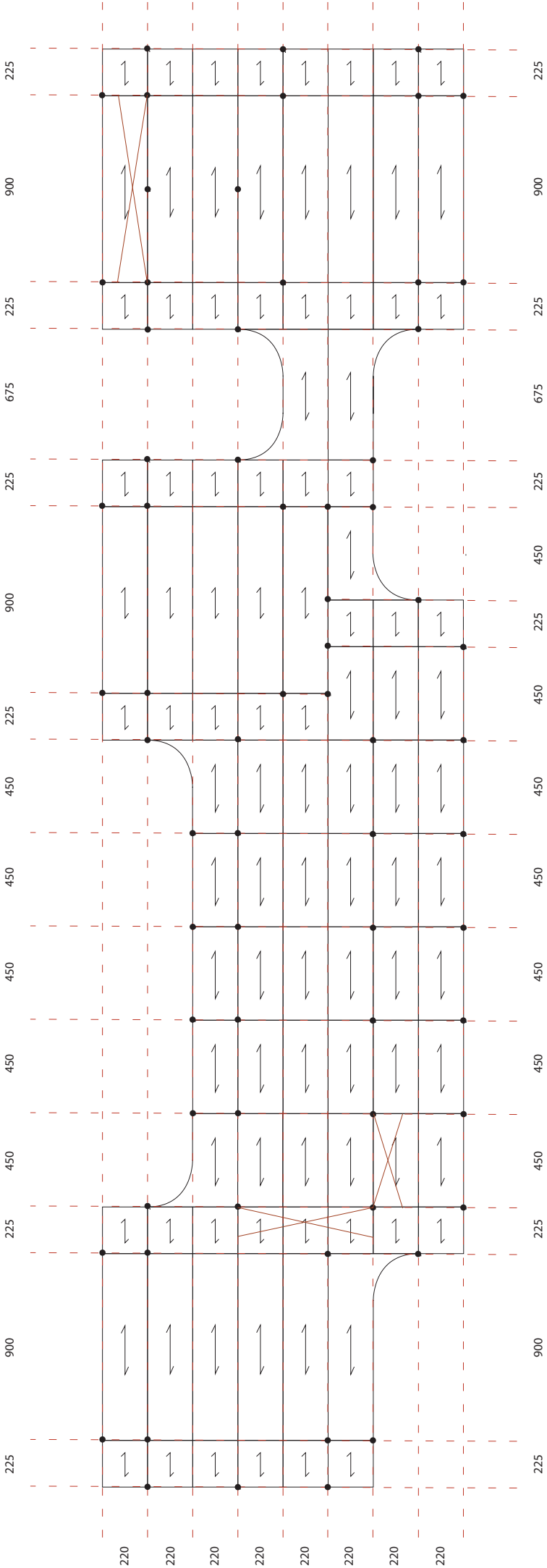
facade
south

1:200



structure

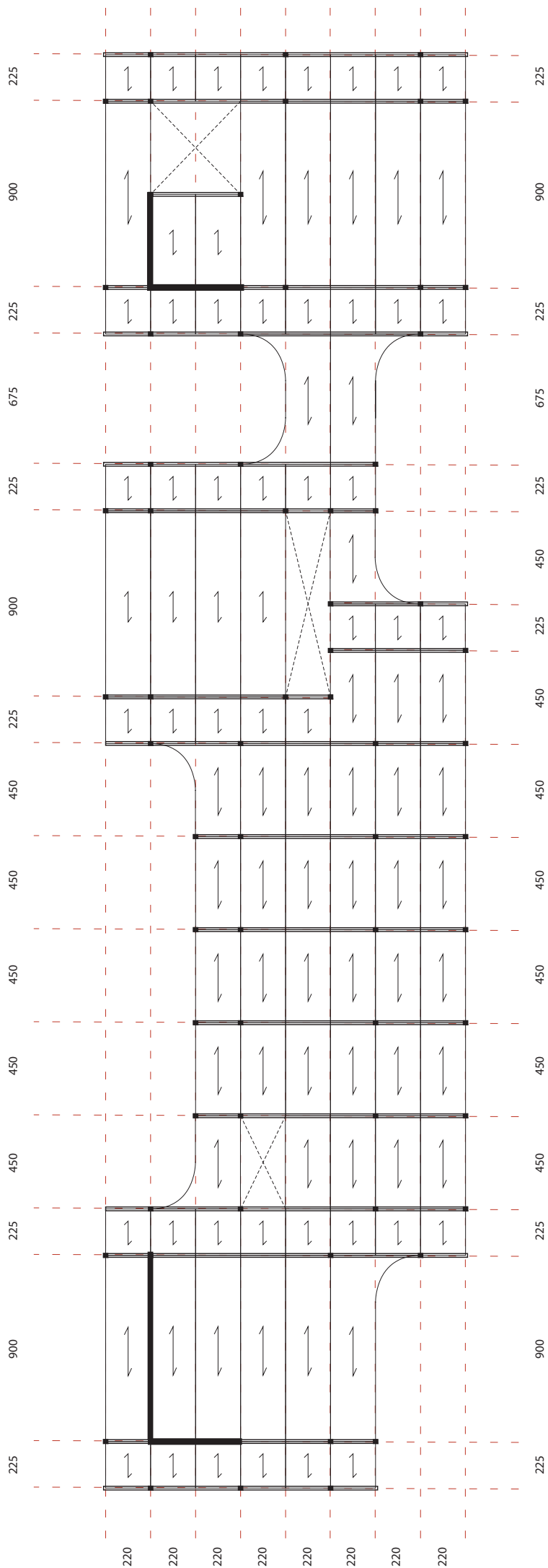
steel



(ground floor, +1)

structure

timber

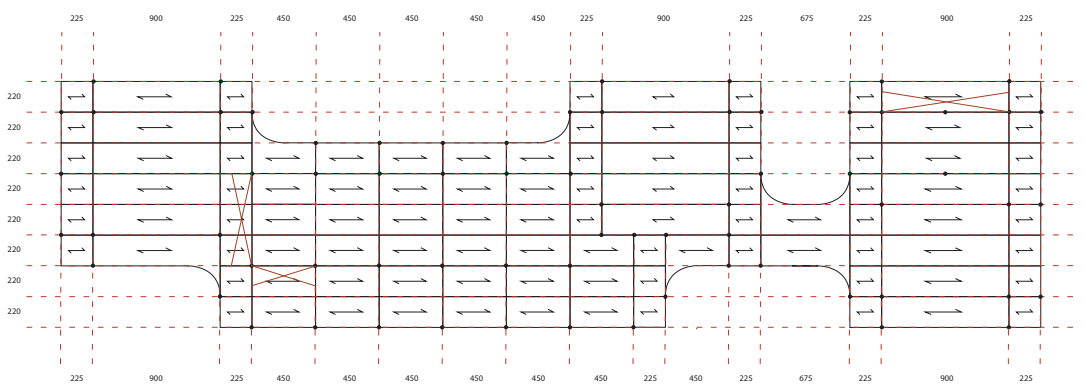


(+2, +3, +4, roof)

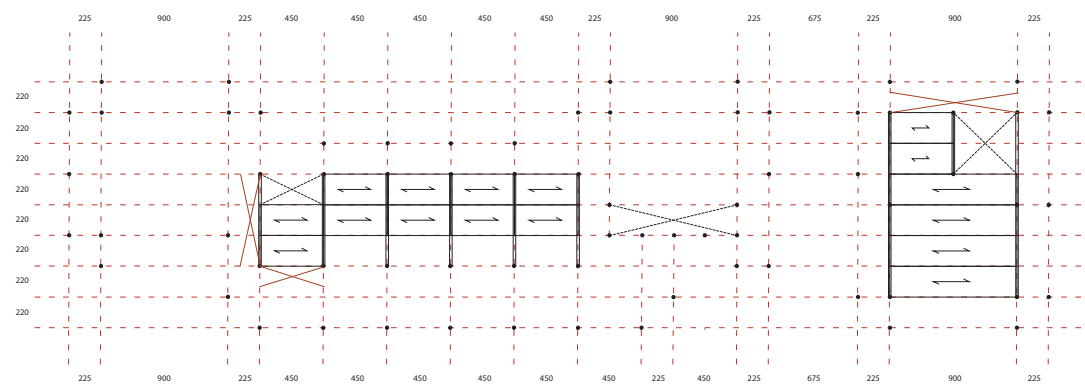


structure

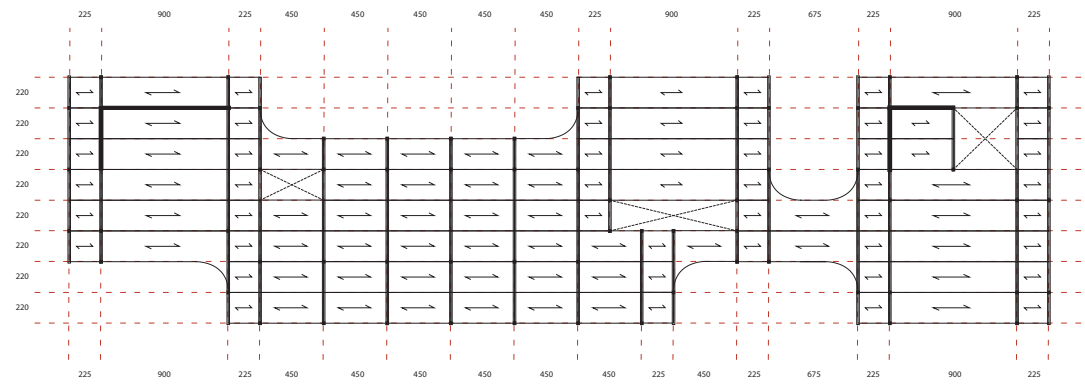
floor plans



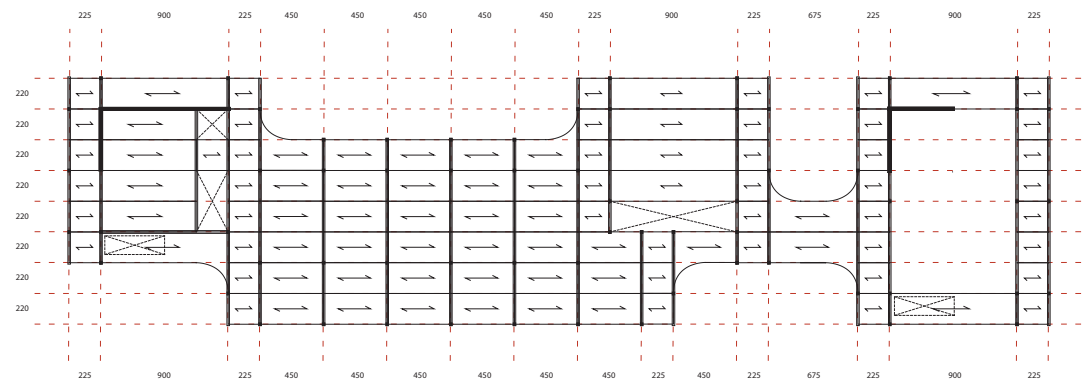
0



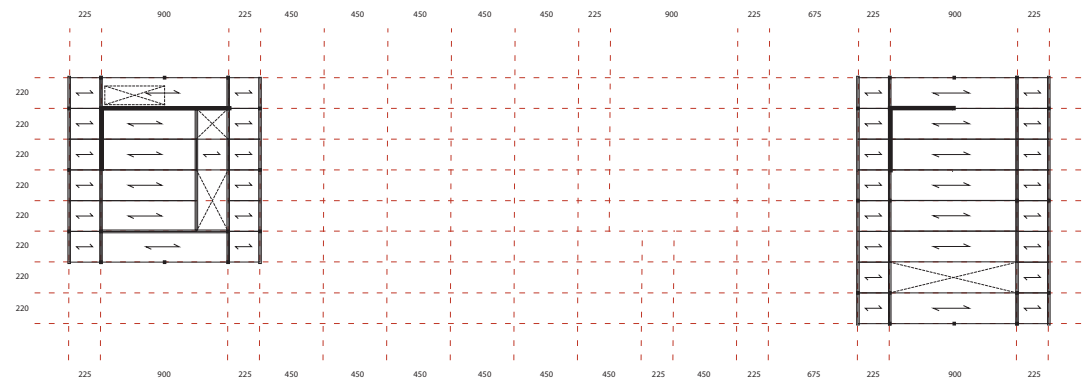
+1



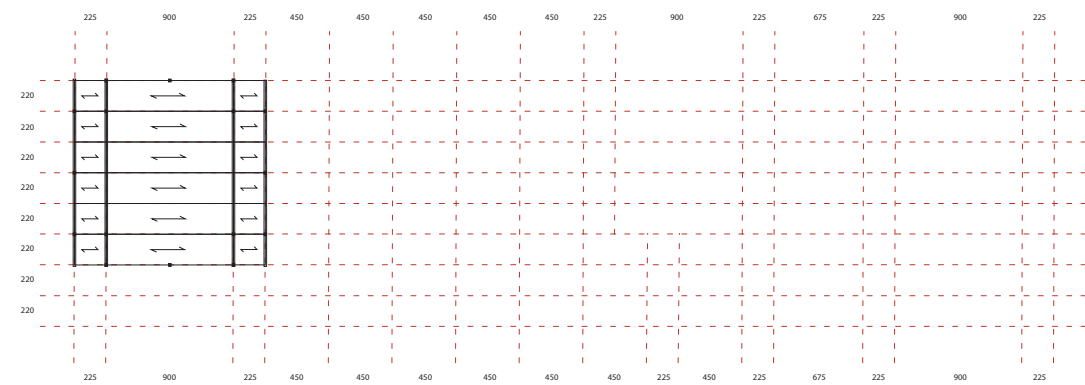
+2



+3



+4/roof

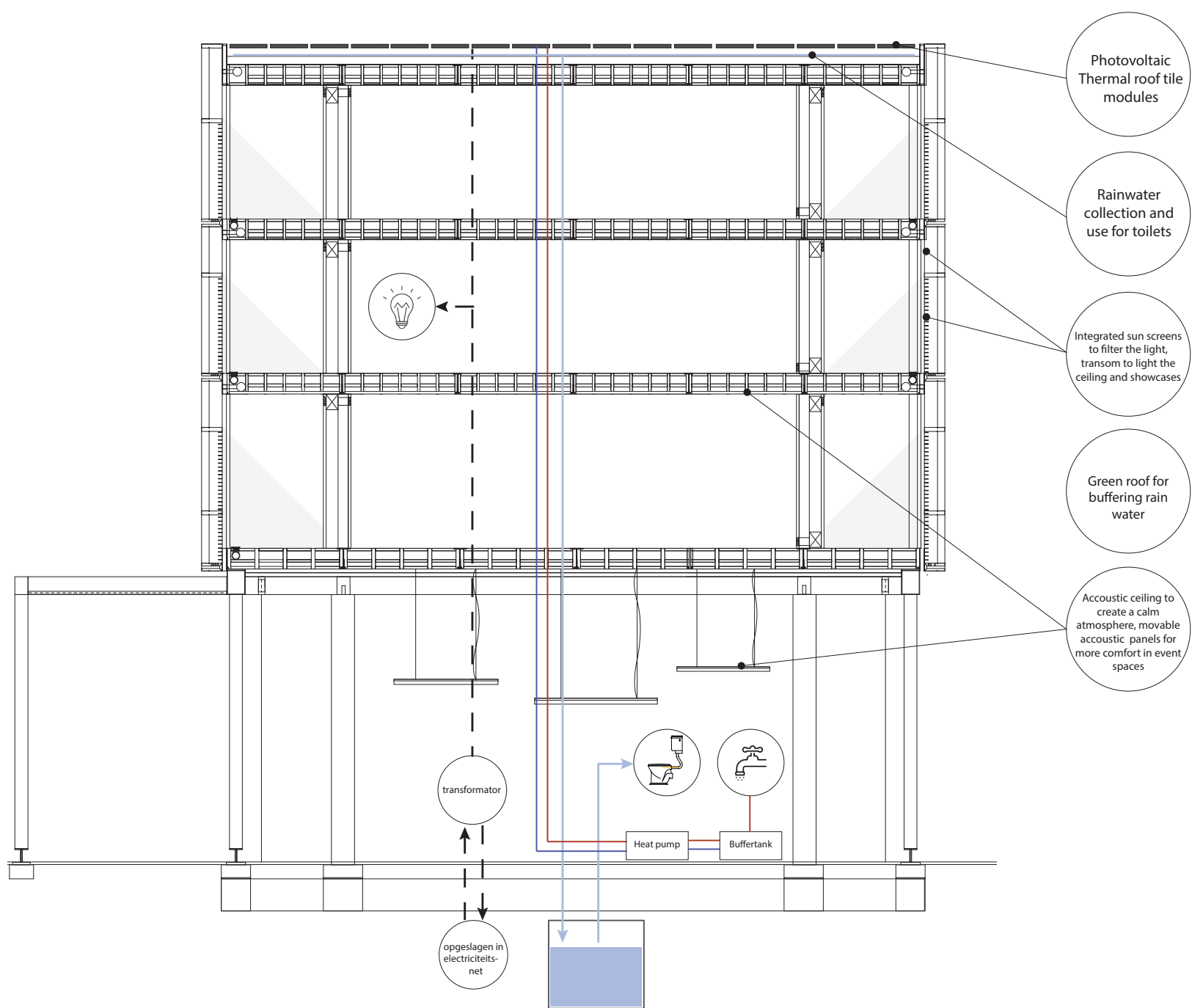


roof



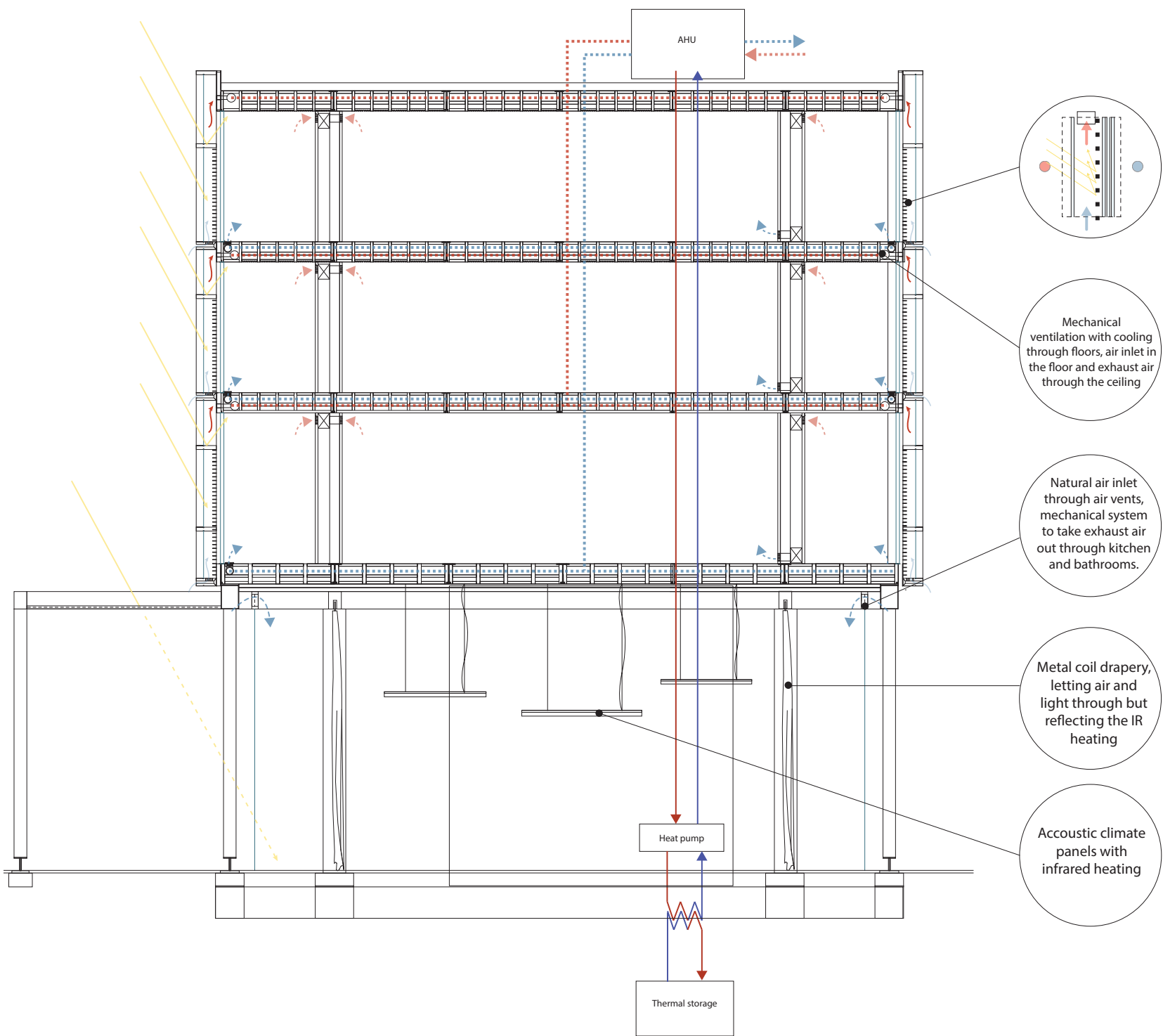
climate design

general systems



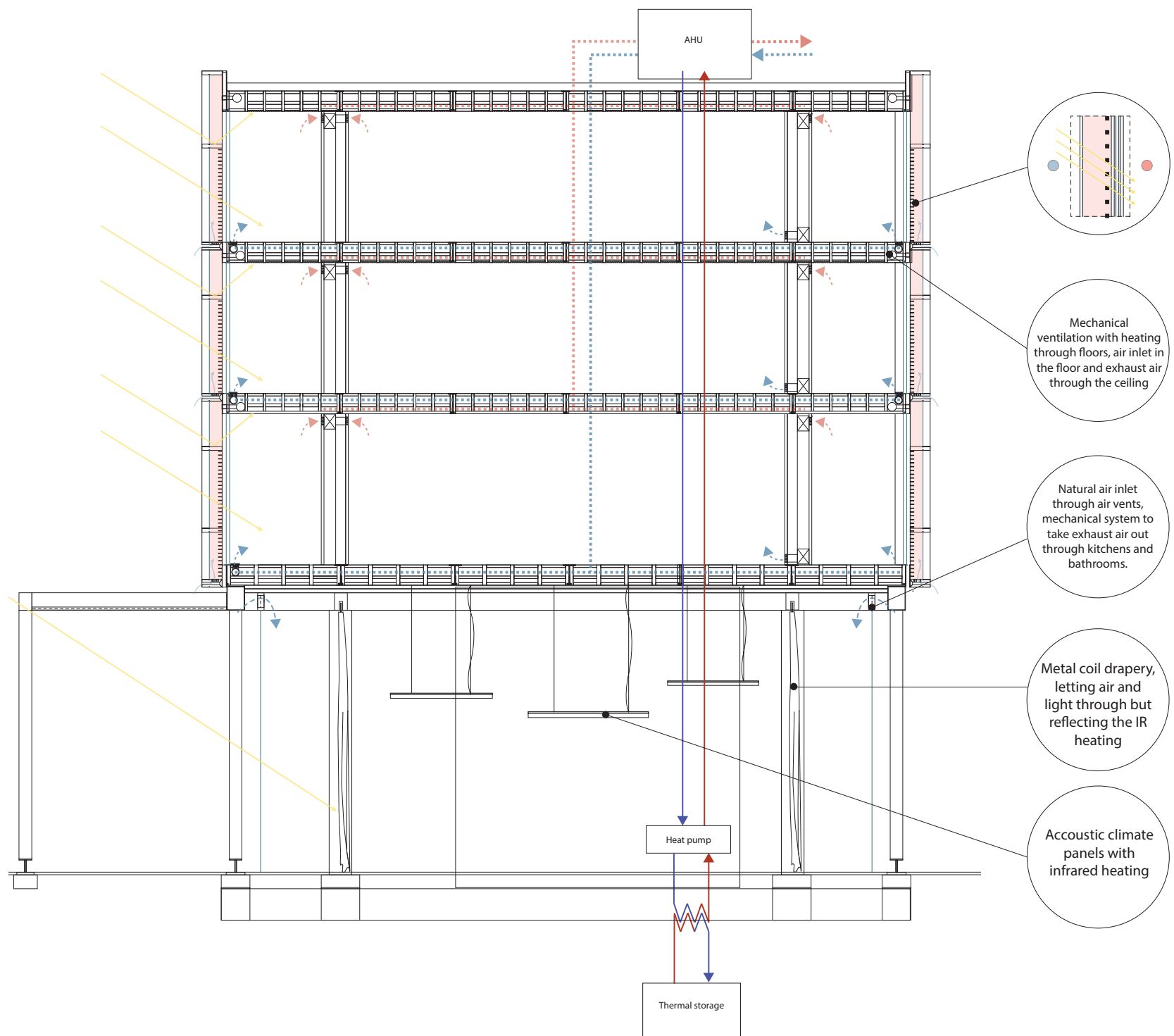
climate design

summer

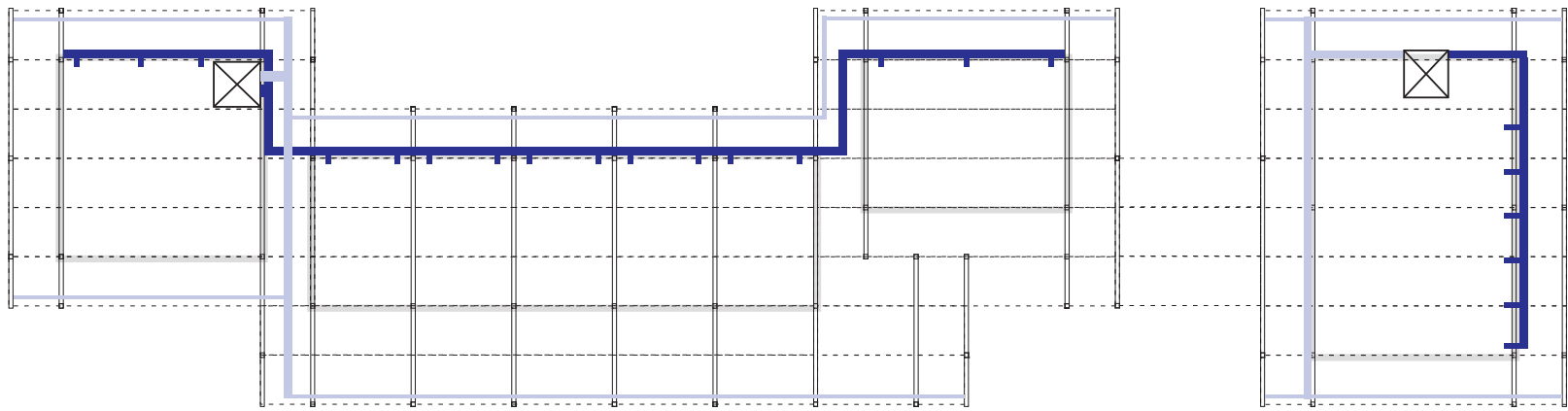


climate design

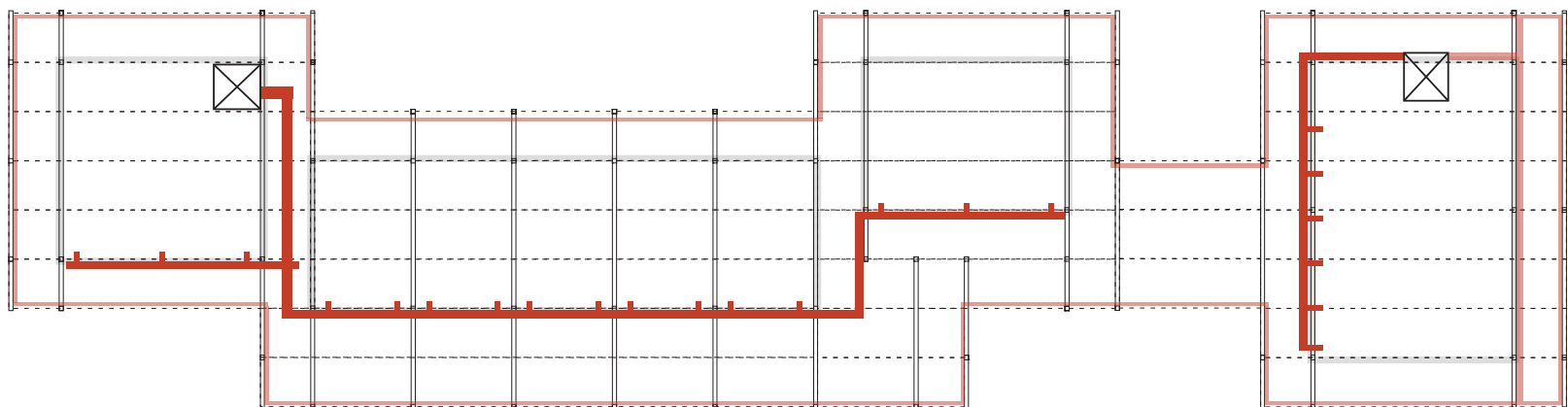
winter



ventilation



fresh air
through floor

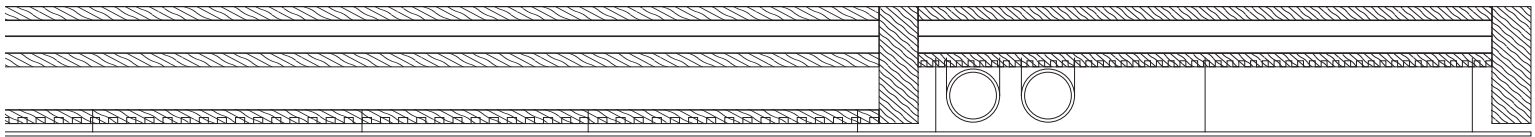
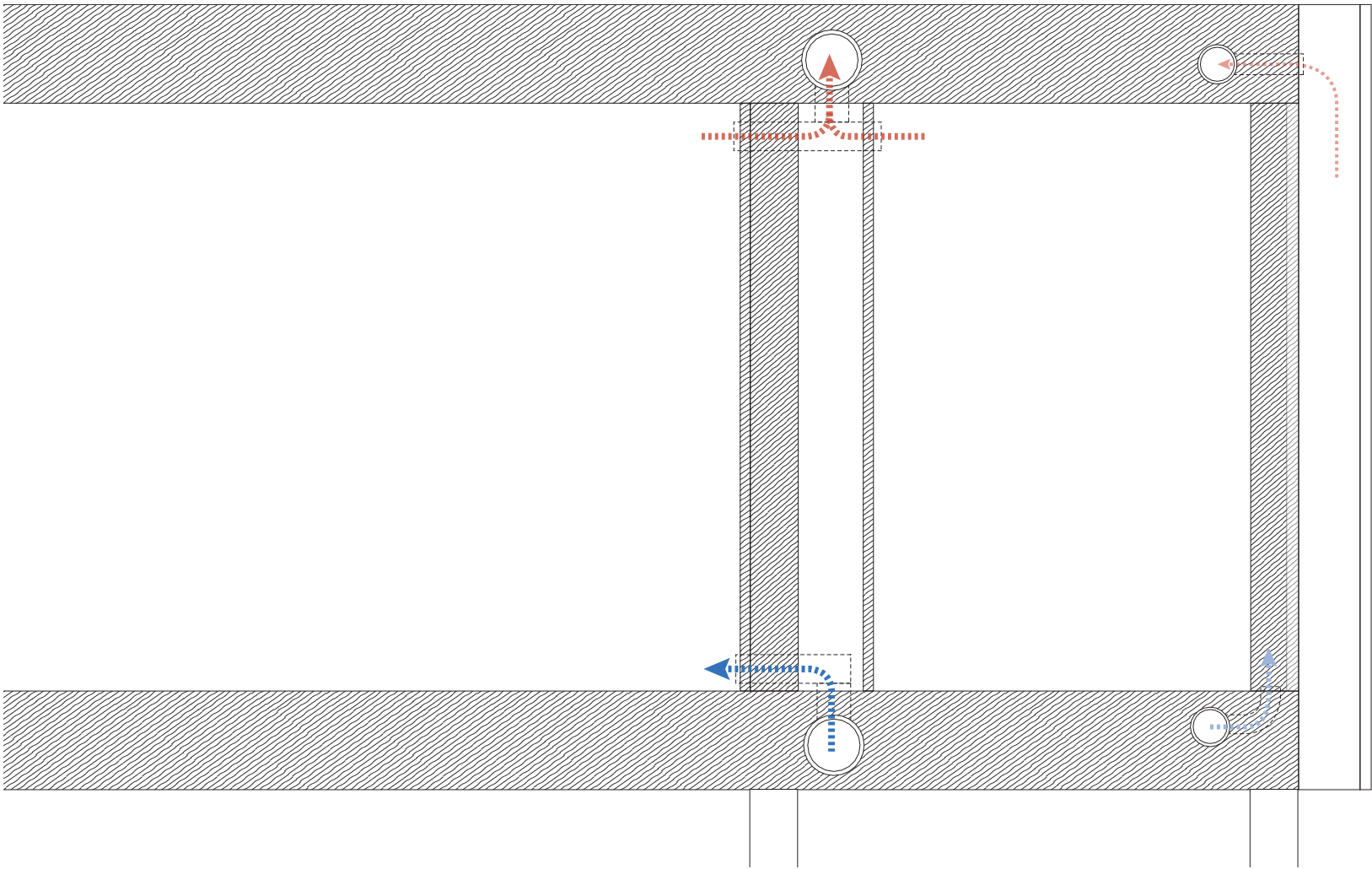


exhaust air through
ceiling

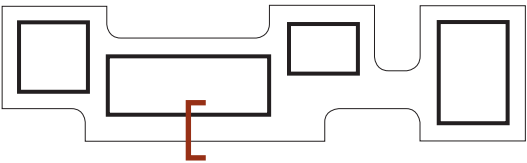


ventilation

air ducts / timber structure

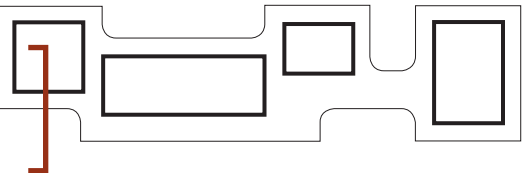
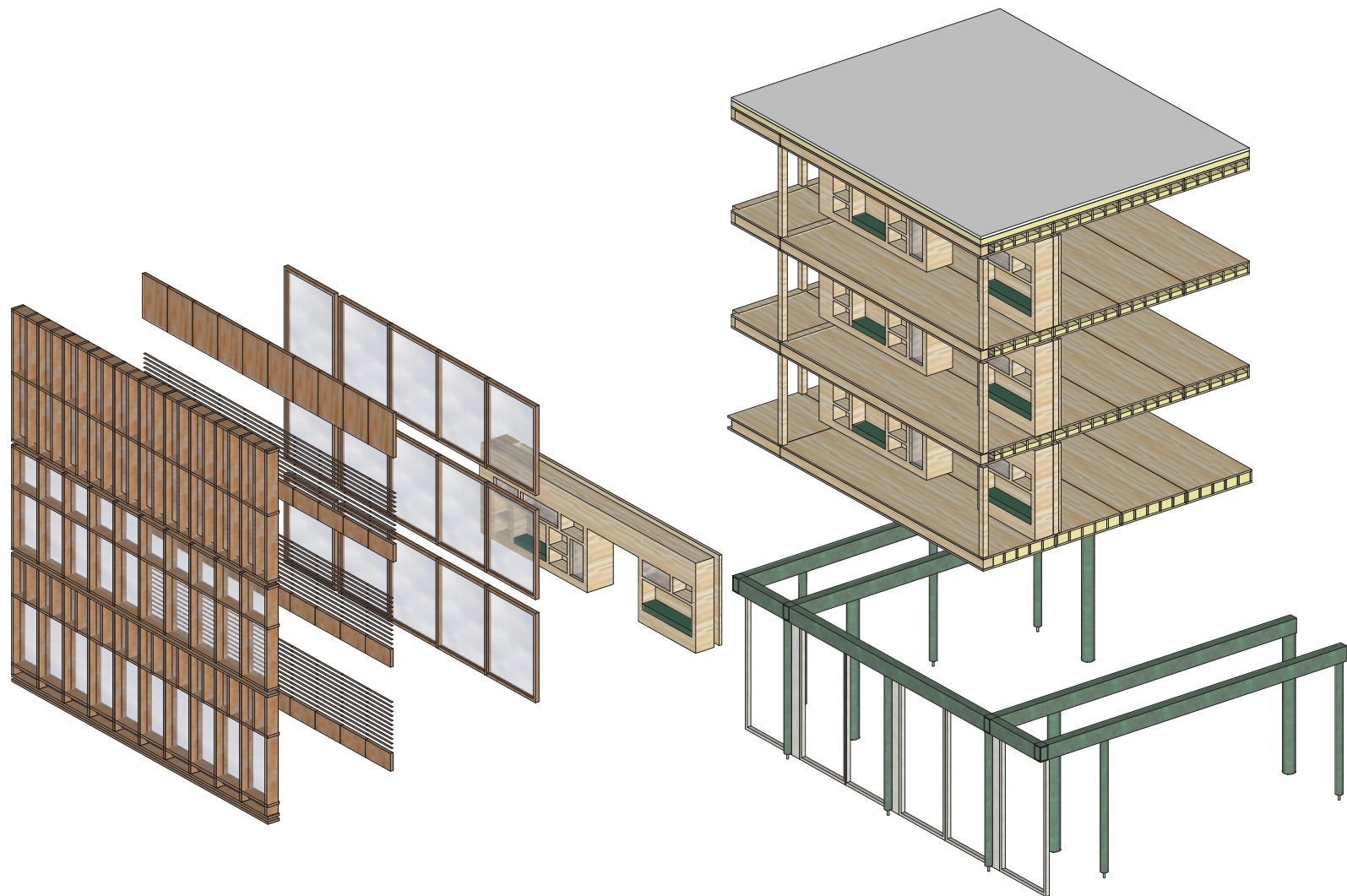


← 8 m 2 m →



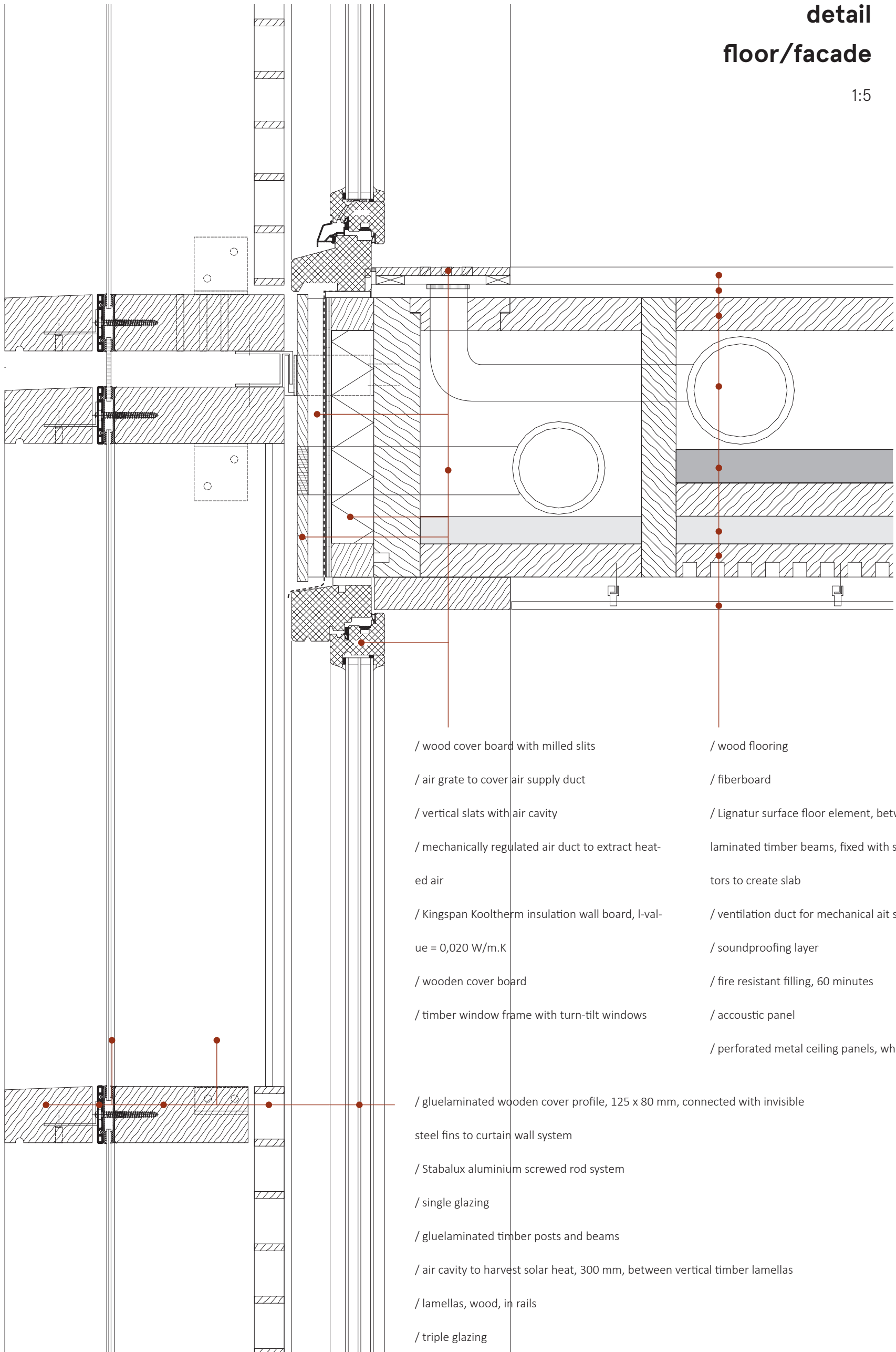
materialisation

facade



detail floor/facade

1:5



/ wood cover board with milled slits

/ air grate to cover air supply duct

/ vertical slats with air cavity

/ mechanically regulated air duct to extract heat-
ed air

/ Kingspan Kooltherm insulation wall board, I-val-
ue = 0,020 W/m.K

/ wooden cover board

/ timber window frame with turn-tilt windows

/ gluelaminated wooden cover profile, 125 x 80 mm, connected with invisible
steel fins to curtain wall system

/ Stabalux aluminium screwed rod system

/ single glazing

/ gluelaminated timber posts and beams

/ air cavity to harvest solar heat, 300 mm, between vertical timber lamellas

/ lamellas, wood, in rails

/ triple glazing

/ wood flooring

/ fiberboard

/ Lignatur surface floor element, between glue

laminated timber beams, fixed with steel connec-
tors to create slab

/ ventilation duct for mechanical ait supply

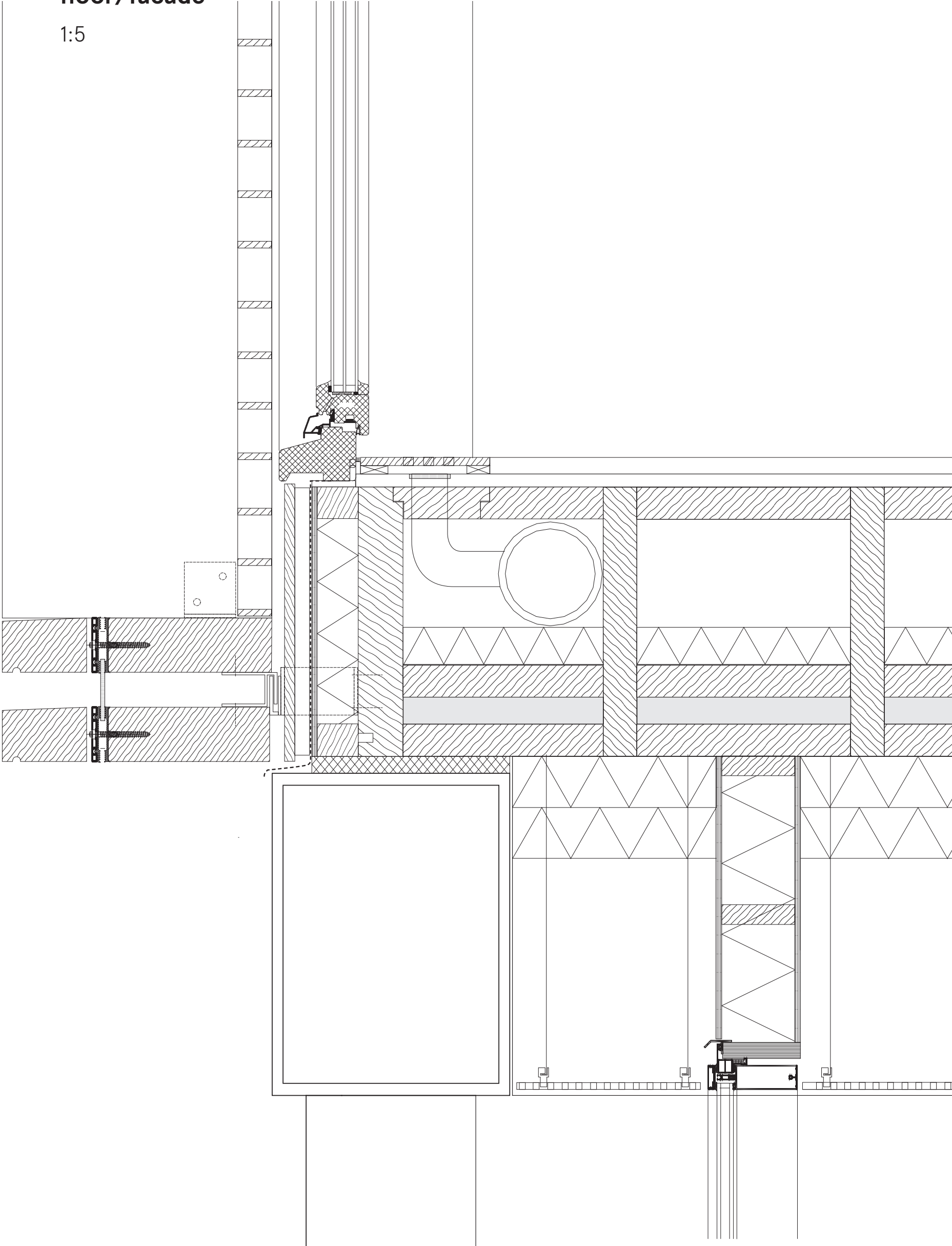
/ soundproofing layer

/ fire resistant filling, 60 minutes

/ accoustic panel

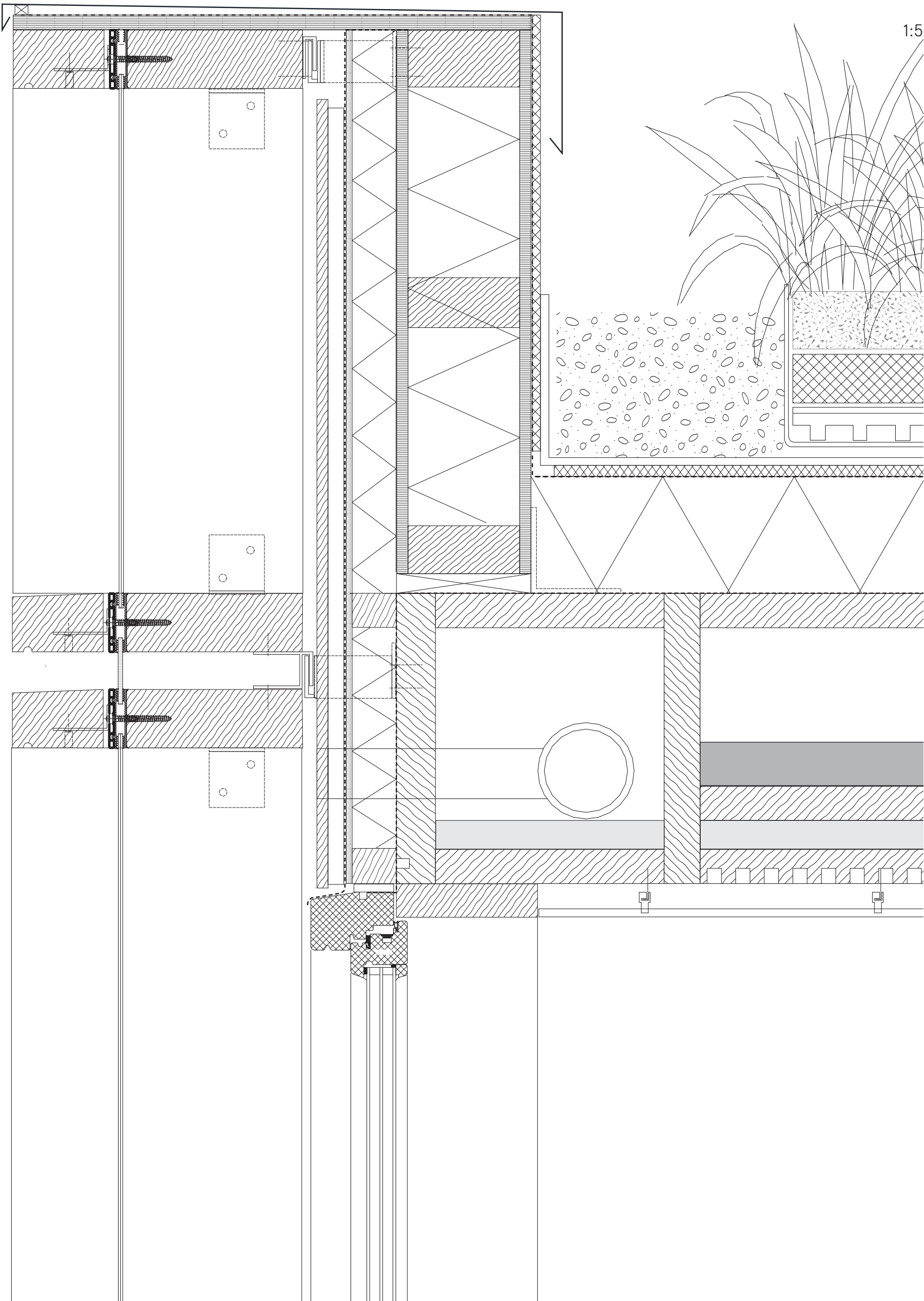
/ perforated metal ceiling panels, white coated

detail
floor/facade
1:5



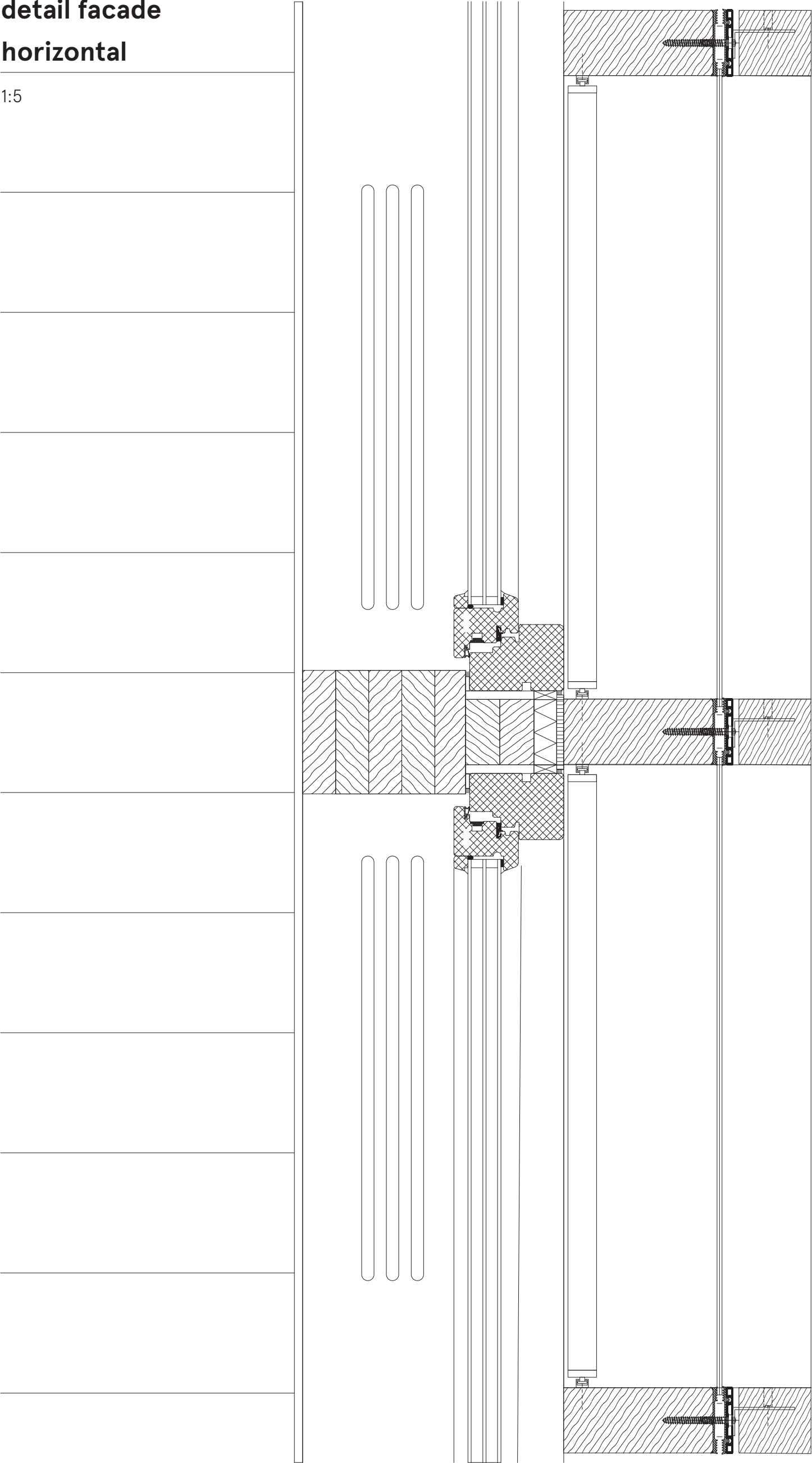
detail
roof/facade

1:5



detail facade
horizontal

1:5



detail
roof/facade

1:5

