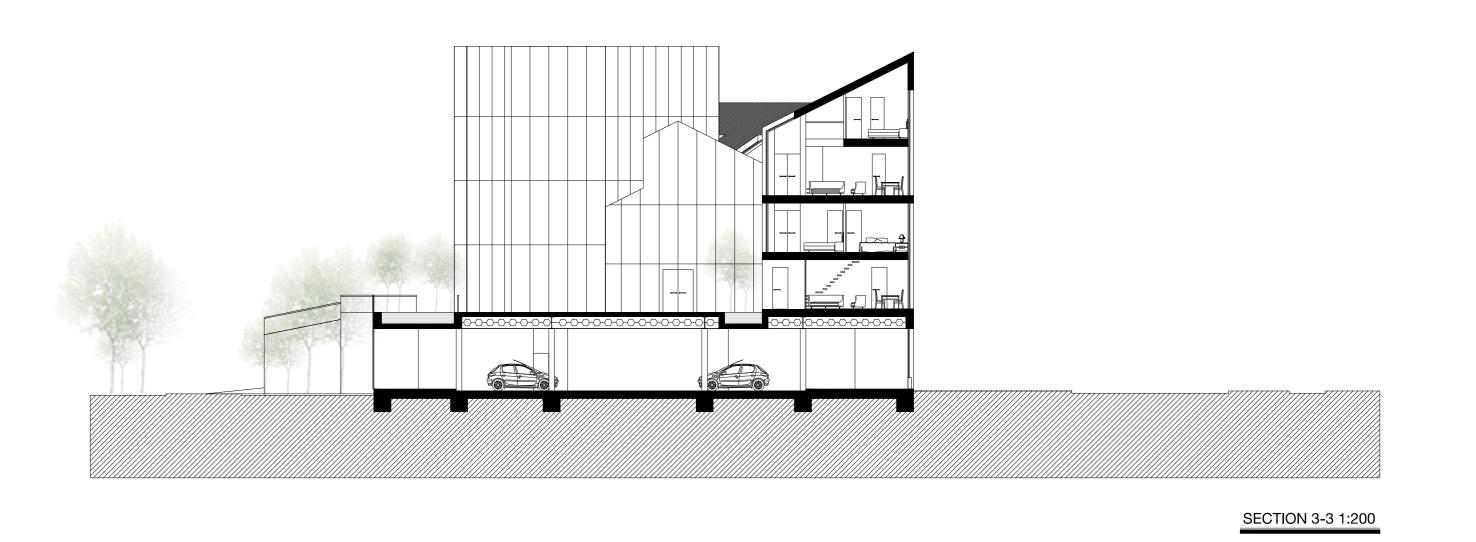
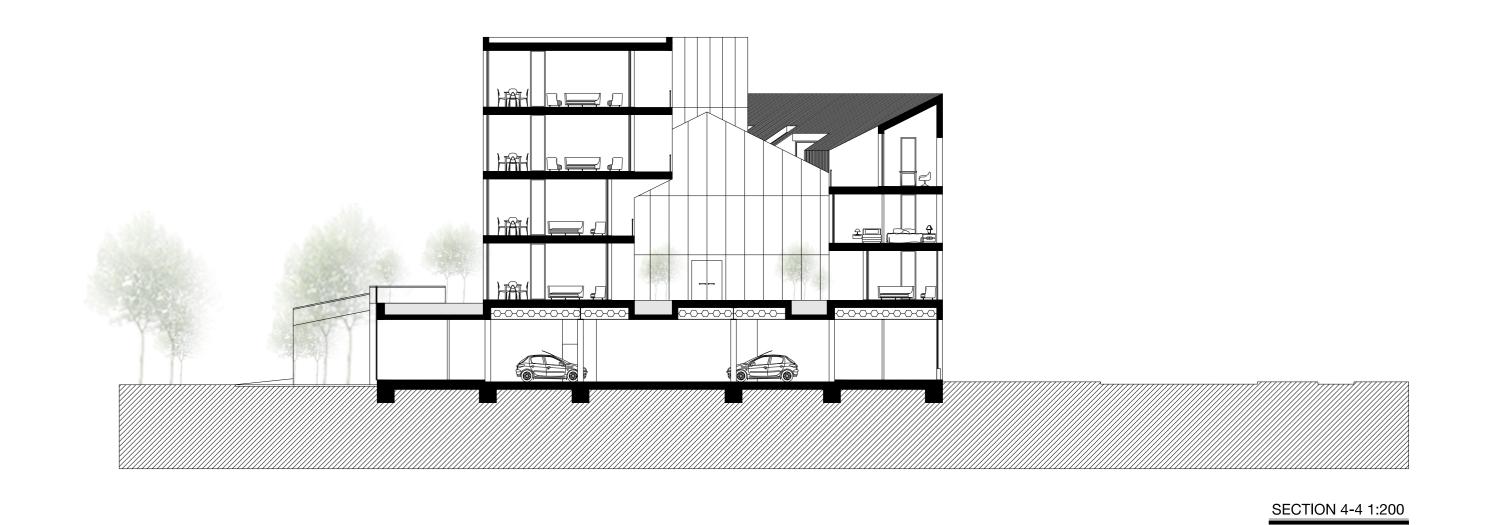
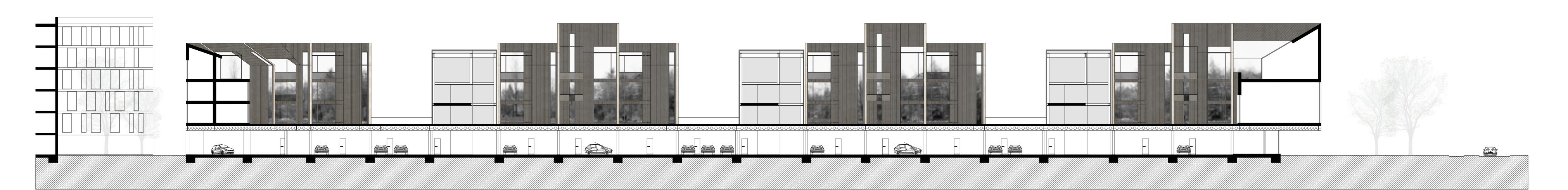


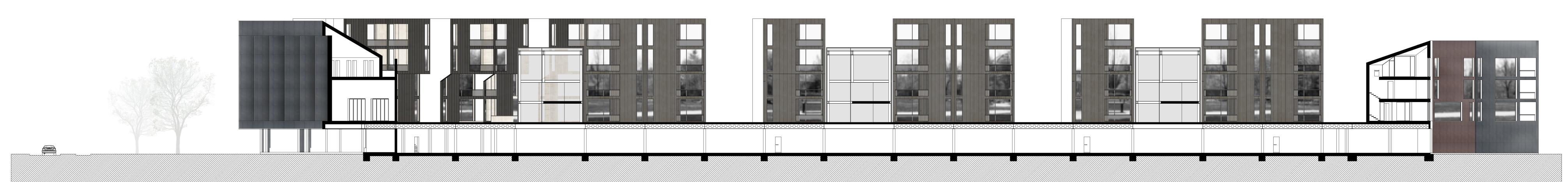
# Part 1: Plans/ Elevations/ Sections

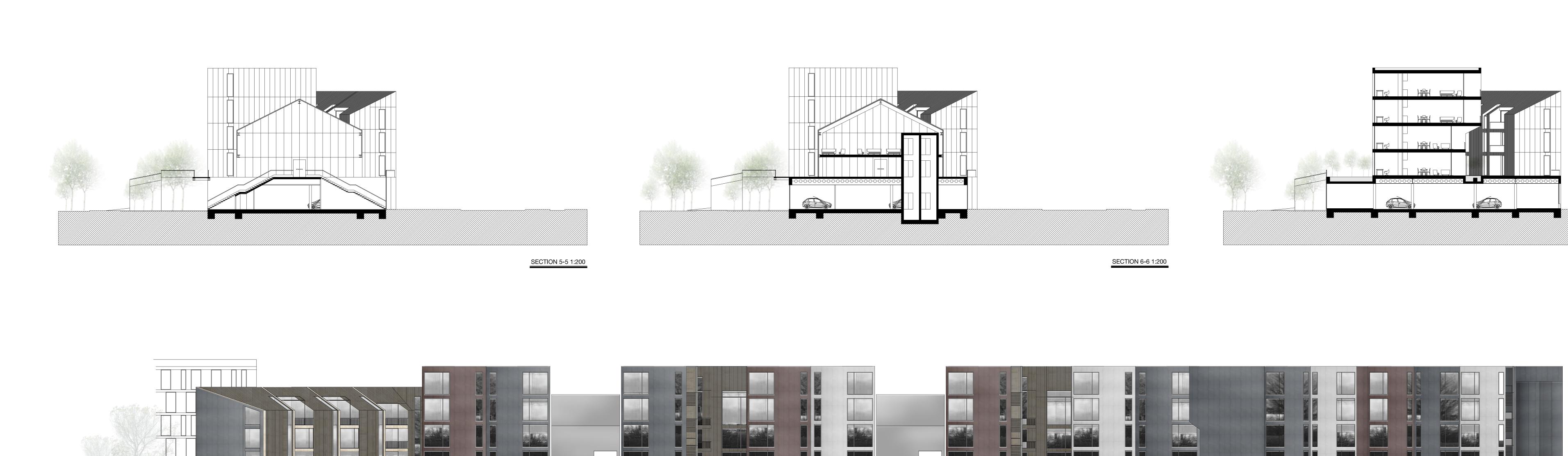
Dwelling with Interactive In-between Space
AR3AD131 Dwelling Graduation Studio: Dutch Housing (2014-2015)
Studio tutors: Birgit Jürgenhake; Paul Kuitenbrouwer; Pierre Jennen
Xiaoyu Yuan 4329074













WEST ELEVATION 1:200

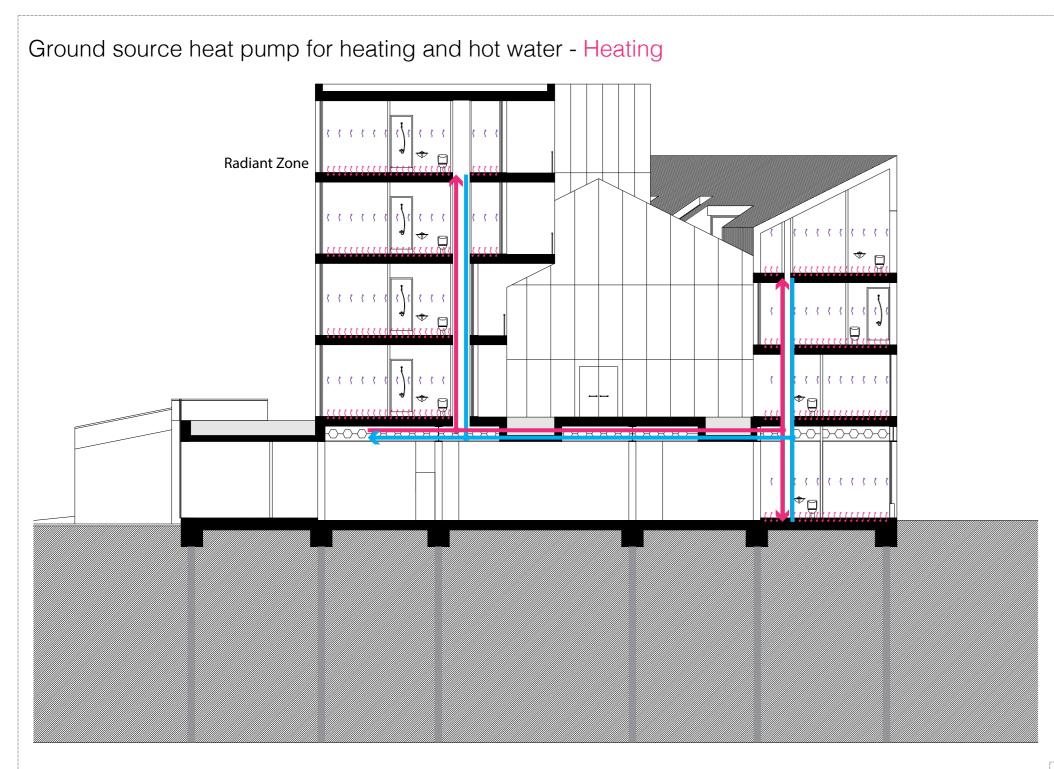
NORTH ELEVATION 1:200

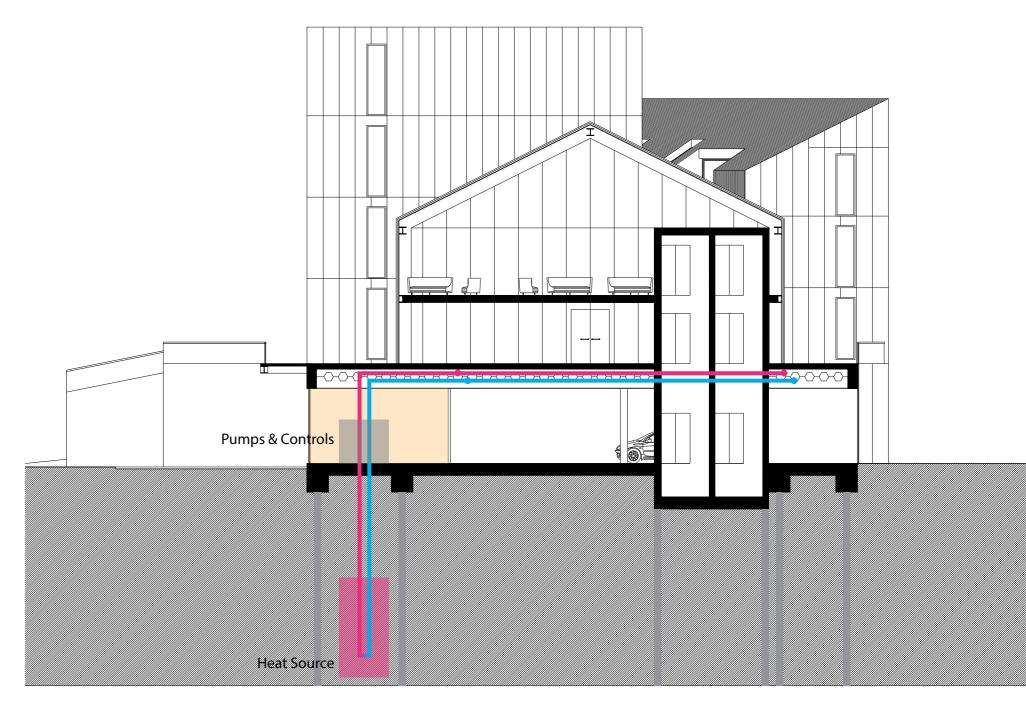
SECTION 7-7 1:200

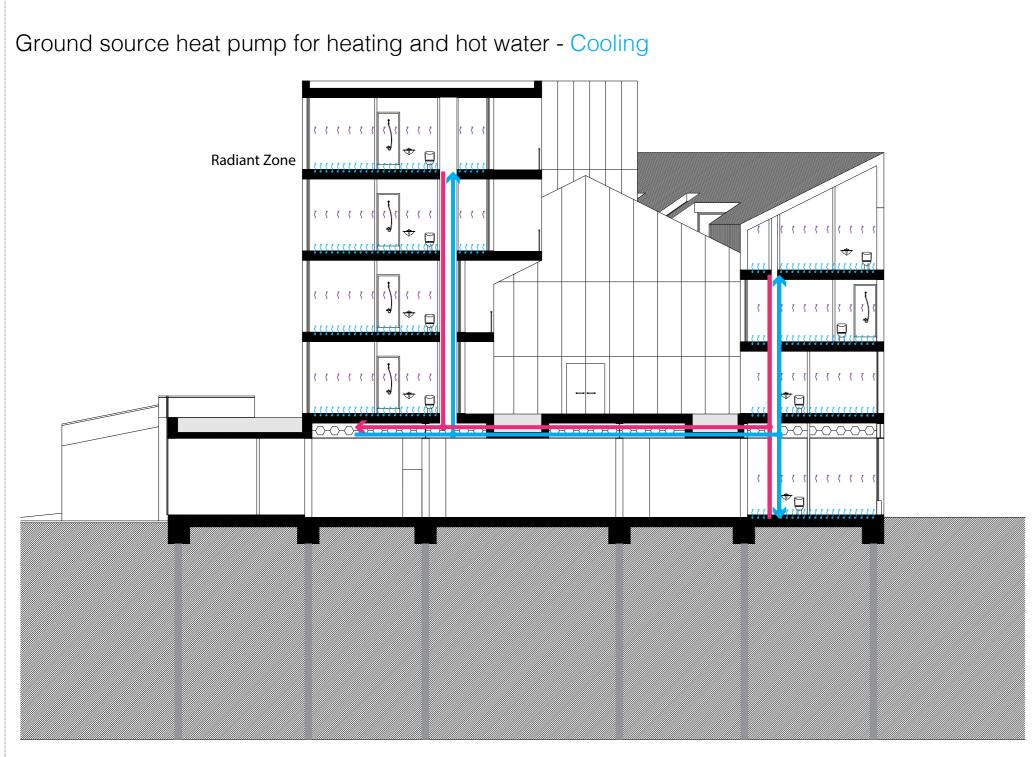


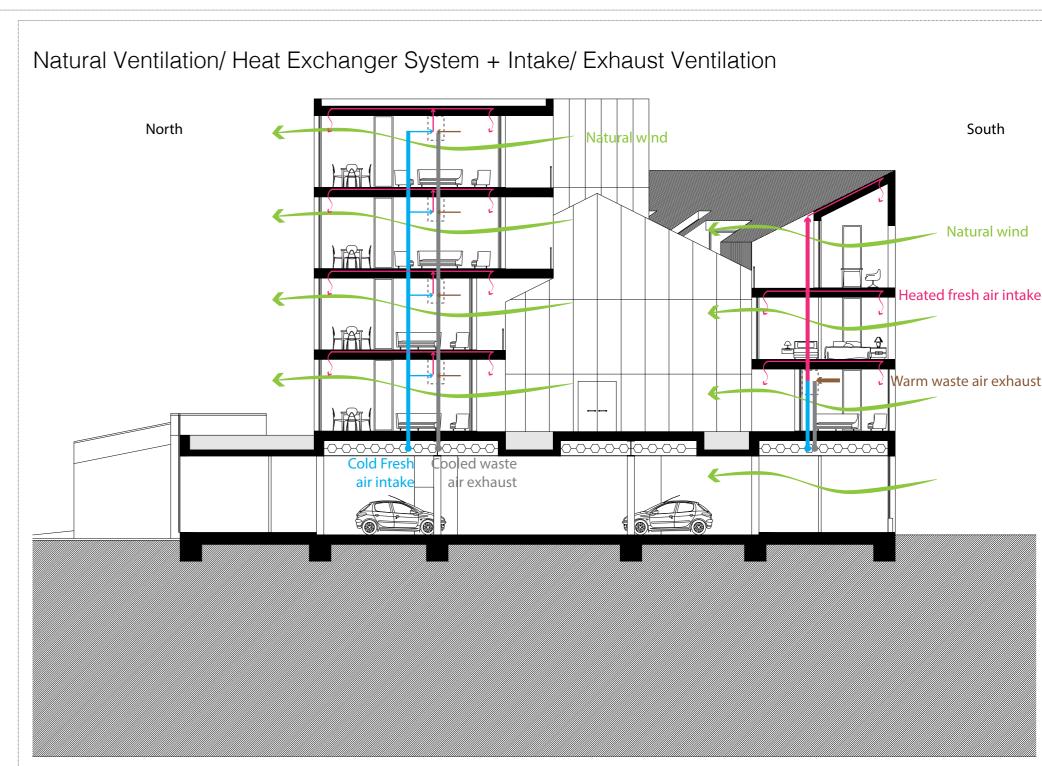


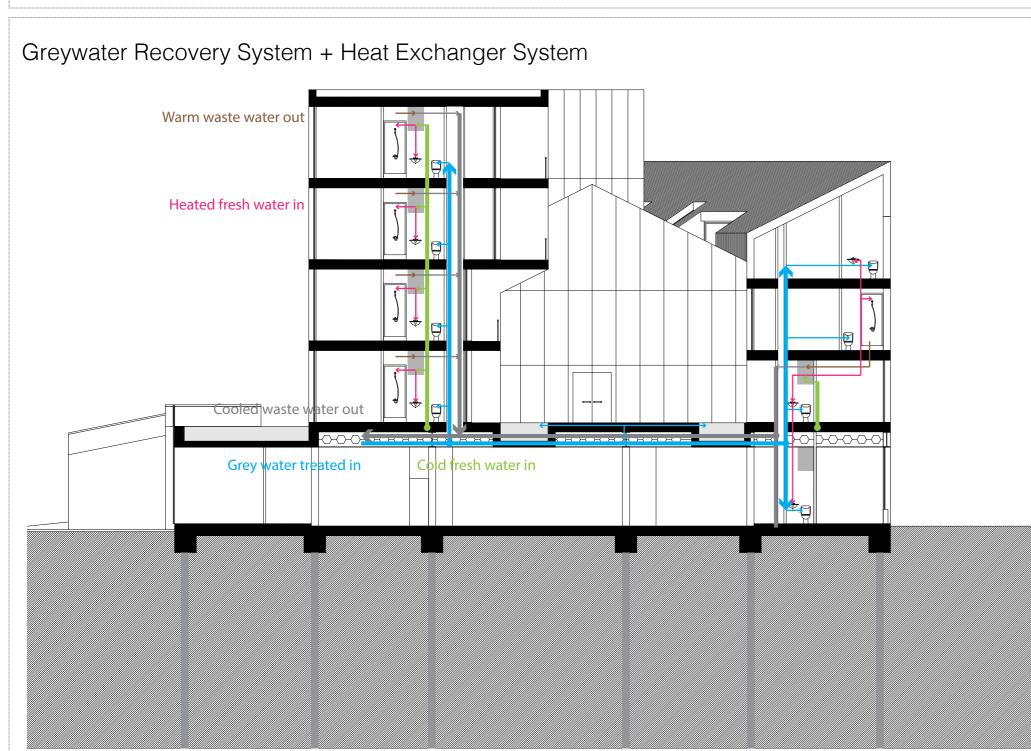


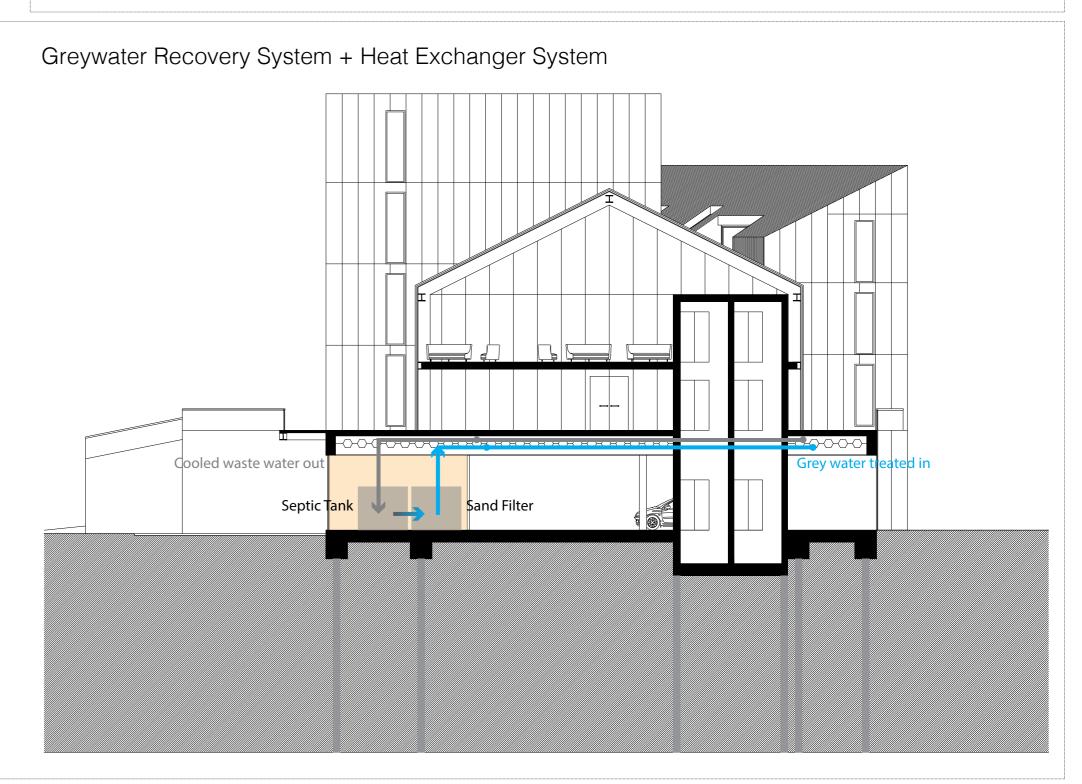






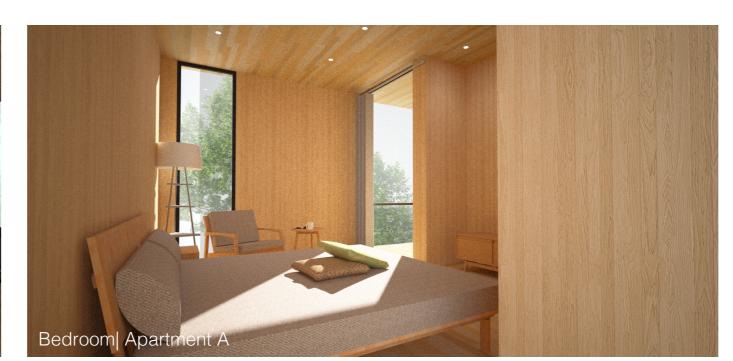










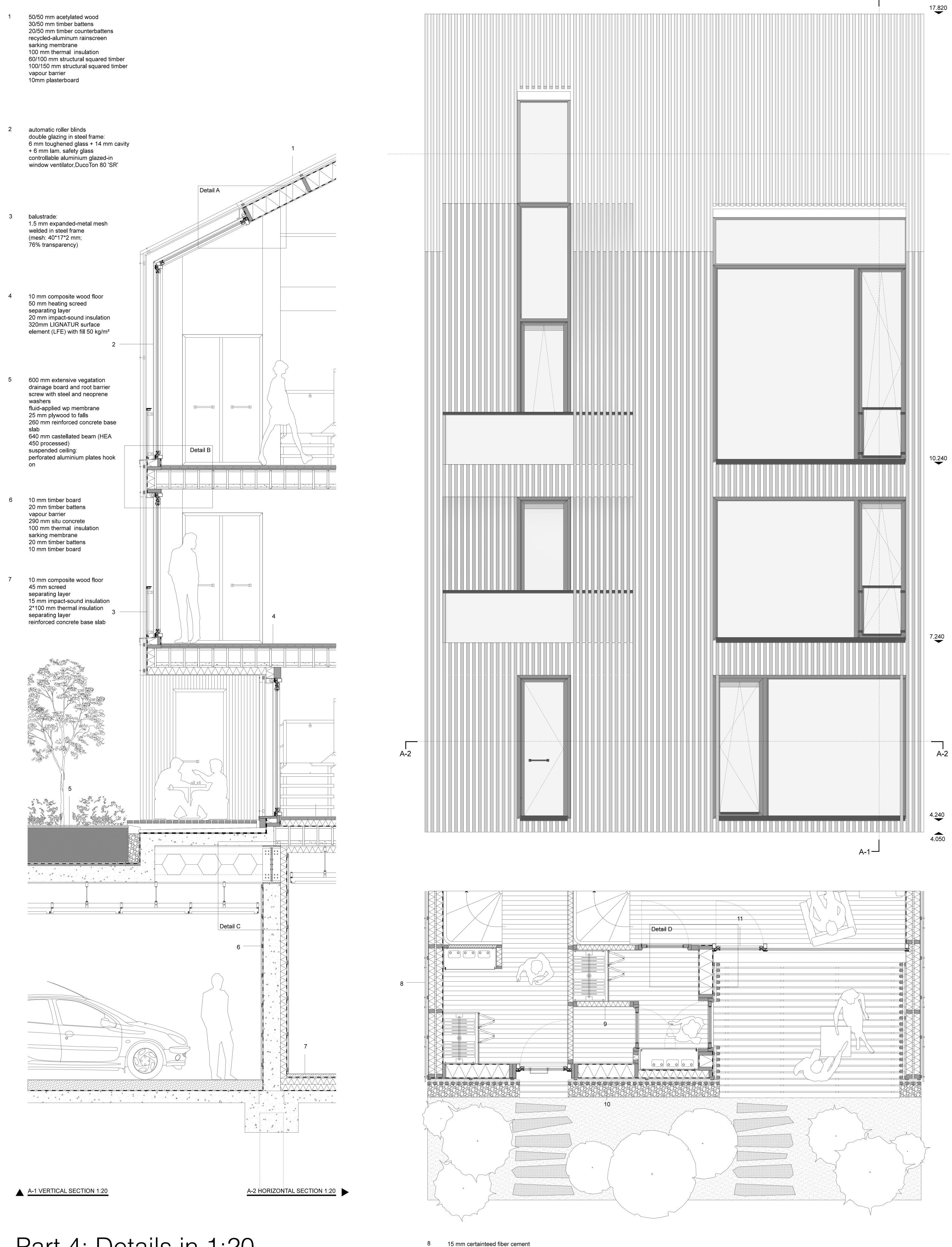






Part 3: Climate & Interior

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# Part 4: Details in 1:20

Dwelling with Interactive In-between Space AR3AD131 Dwelling Graduation Studio: Dutch Housing (2014-2015) Studio tutors: Birgit Jürgenhake; Paul Kuitenbrouwer; Pierre Jennen

Xiaoyu Yuan 4329074

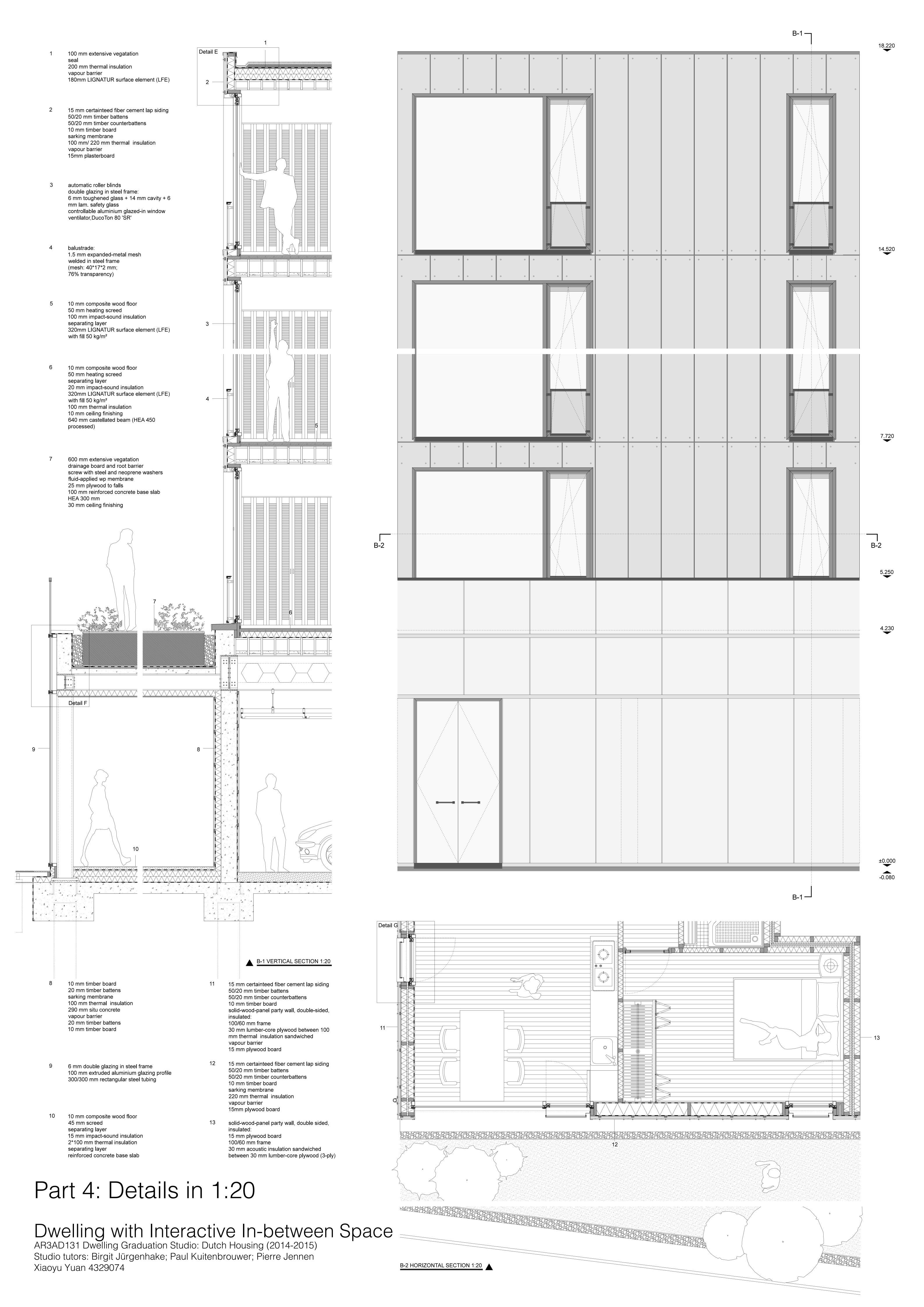
lap siding 50/20 mm timber battens 50/20 mm timber counterbattens 10 mm timber board solid-wood-panel party wall, double-sided, insulated: 100/60 mm frame 30 mm lumber-core plywood between 100 mm thermal insulation sandwiched vapour barrier 15 mm plywood board

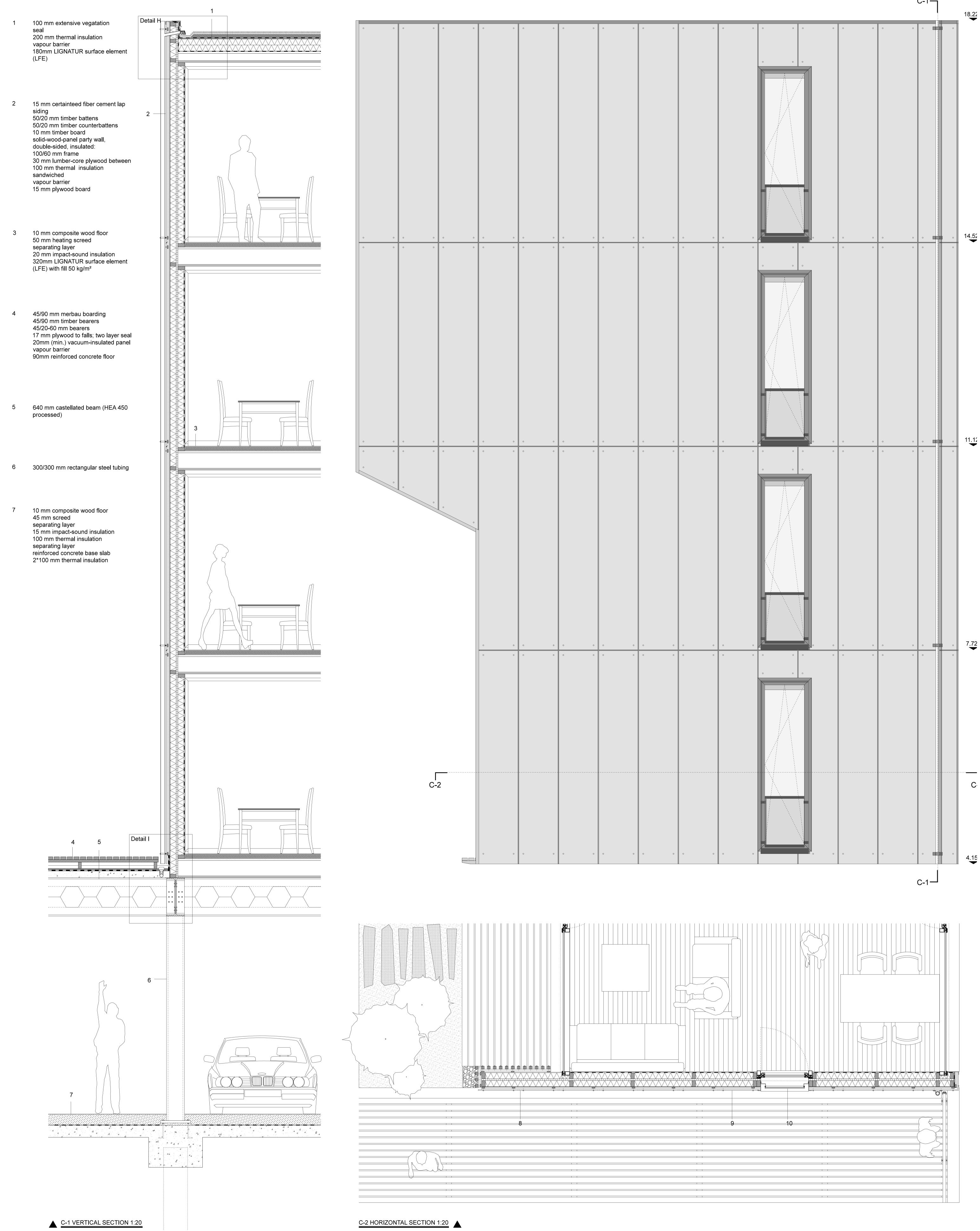
partition wall: 2\*10 mm plywood boards on 60/80 mm timber supporting 80 mm rock wool, 23 kg/m³

50/50 mm acetylated wood 30/50 mm timber battens 20/50 mm timber counterbattens recycled-aluminum rainscreen sarking membrane 220 mm thermal insulation vapour barrier 15 mm plywood board

double glazing in steel frame: 6 mm toughened glass + 14 mm cavity + 6 mm lam. safety glass controllable aluminium glazed-in window ventilator, DucoTon 80 'SR'

A-1 —





Part 4: Details in 1:20

Dwelling with Interactive In-between Space
AR3AD131 Dwelling Graduation Studio: Dutch Housing (2014-2015)
Studio tutoro: Direct Virgon bake: Paul Kuitan breuwer: Dierre Japane

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## 8 15 mm certainteed fiber cement lap

siding
50/20 mm timber battens
50/20 mm timber counterbattens
10 mm timber board
solid-wood-panel party wall,
double-sided, insulated:
100/60 mm frame
30 mm lumber-core plywood between
100 mm thermal insulation
sandwiched
recycled-aluminum rainscreen
20/50 mm timber counterbattens
30/50 mm timber battens

50/50 mm acetylated wood

# 15 mm certainteed fiber cement lap siding 50/20 mm timber battens 50/20 mm timber counterbattens

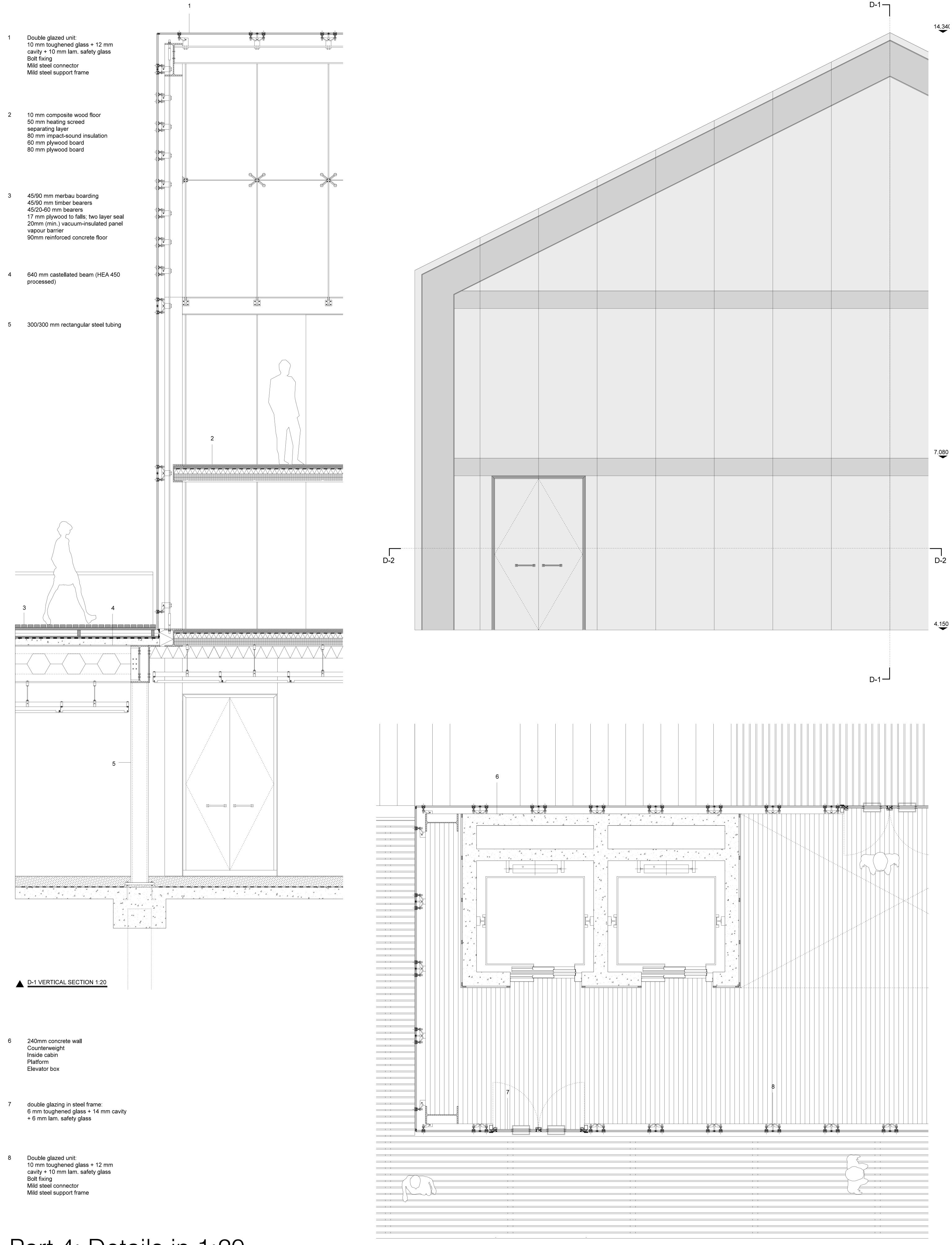
15 mm plywood board

50/20 mm timber battens
50/20 mm timber counterbattens
10 mm timber board
solid-wood-panel party wall,
double-sided, insulated:
100/60 mm frame
30 mm lumber-core plywood between
100 mm thermal insulation
sandwiched
vapour barrier

# 10 balustrade: 1.5 mm expanded-metal mesh welded in steel frame (mesh: 40\*17\*2 mm;

76% transparency)

double glazing in steel frame:
6 mm toughened glass + 14 mm cavity
+ 6 mm lam. safety glass
controllable aluminium glazed-in
window ventilator, DucoTon 80 'SR'

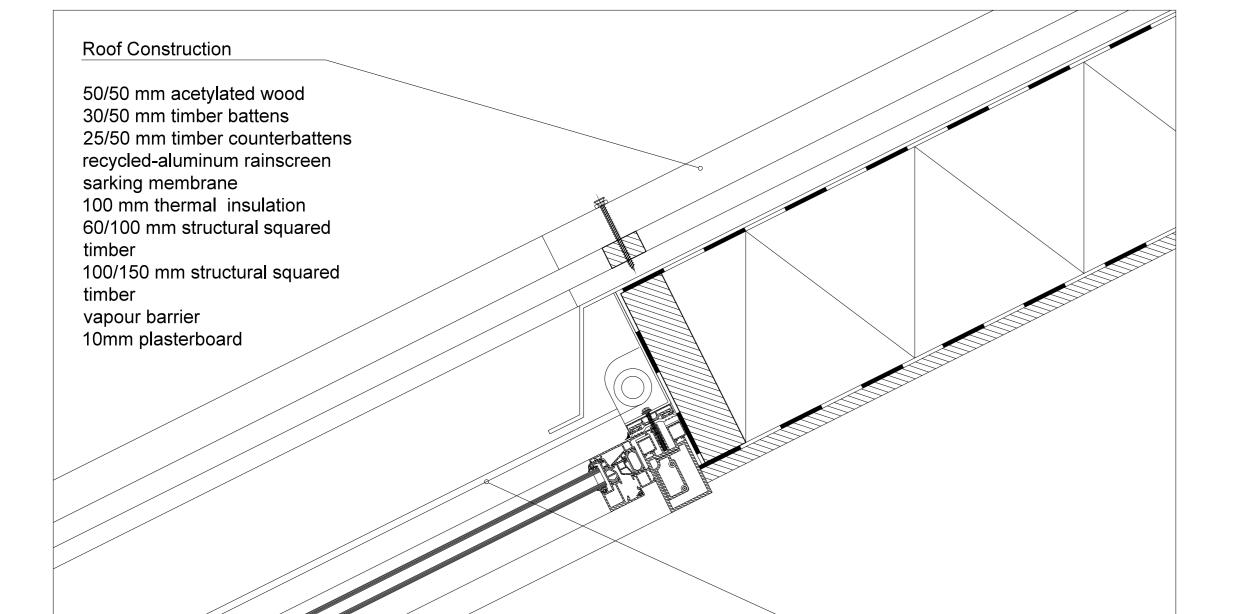


D-2 HORIZONTAL SECTION 1:20

Part 4: Details in 1:20

Dwelling with Interactive In-between Space AR3AD131 Dwelling Graduation Studio: Dutch Housing (2014-2015)

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Roof Window

automatic roller blinds

double glazing in steel frame:

6 mm toughened glass + 14 mm

cavity + 6 mm lam. safety glass

# Wooden external wall 50/50 mm acetylated wood 30/50 mm timber battens 25/50 mm timber counterbattens recycled-aluminum rainscreen sarking membrane 220 mm thermal insulation vapour barrier 15mm plywood board

# Part 5: Details in 1:5

# Dwelling with Interactive In-between Space

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