TU Delft Advanced Housing
Oskar Hermans

Transport
rental office
Meeting
space
Hall
Local store
Local store
Washing
Service
hall

Urban plan



Programming



Green



Mobility





Oskar Hermans

Advanced Housing

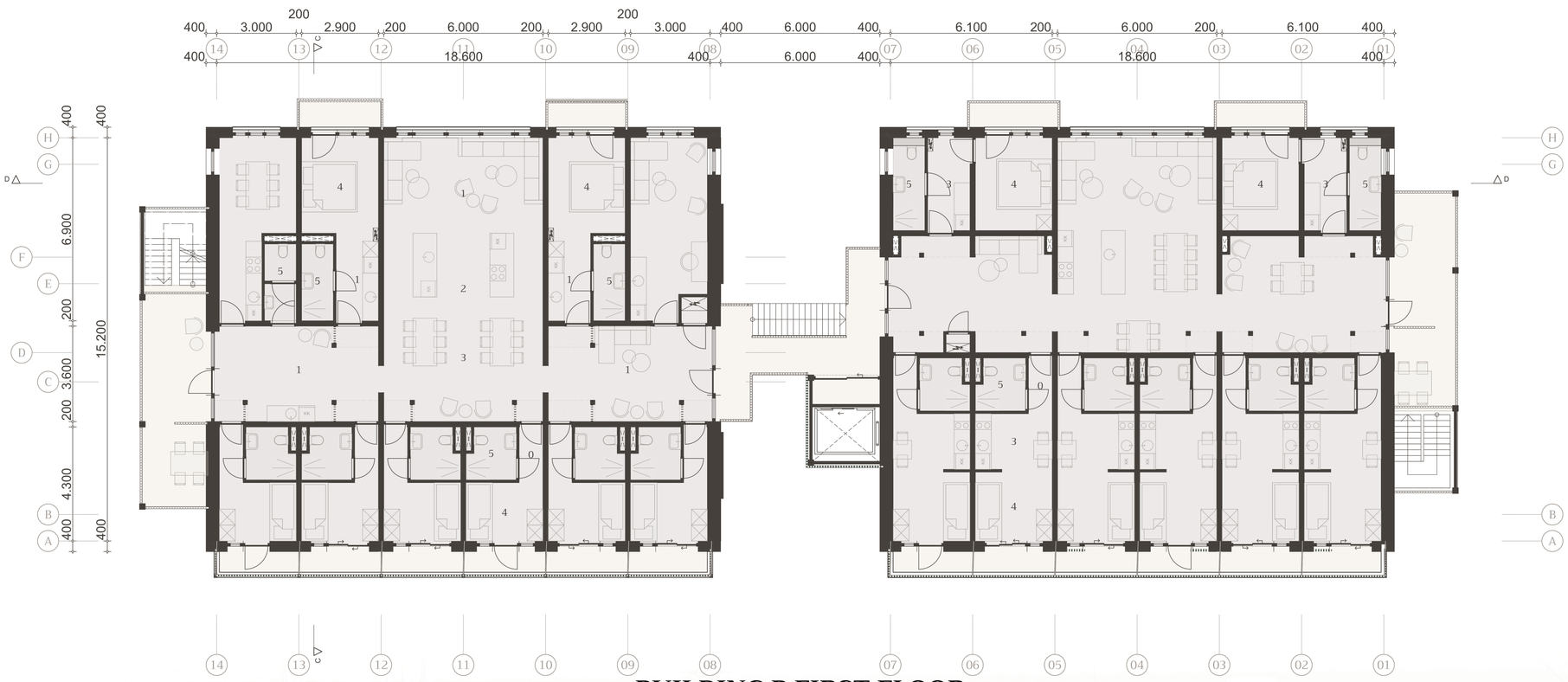
Urban diagram 500 P4 A1P



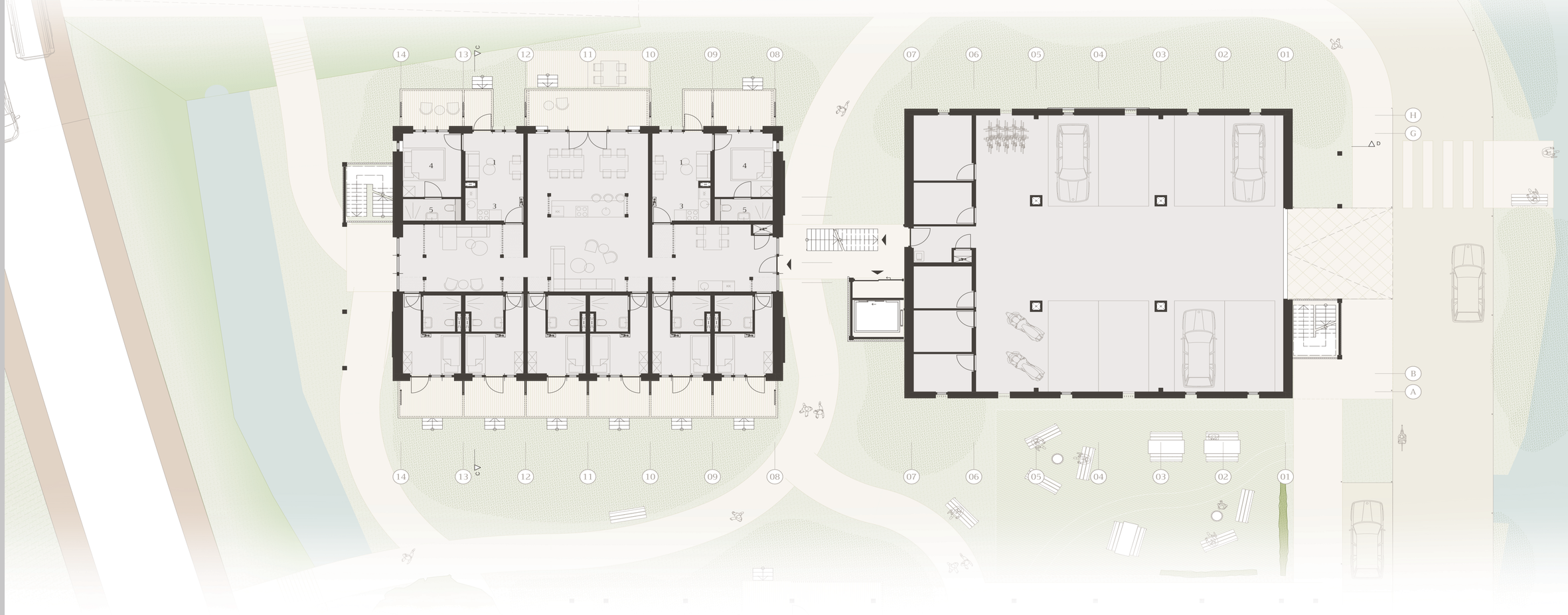
BUILDING B EAST FACADE



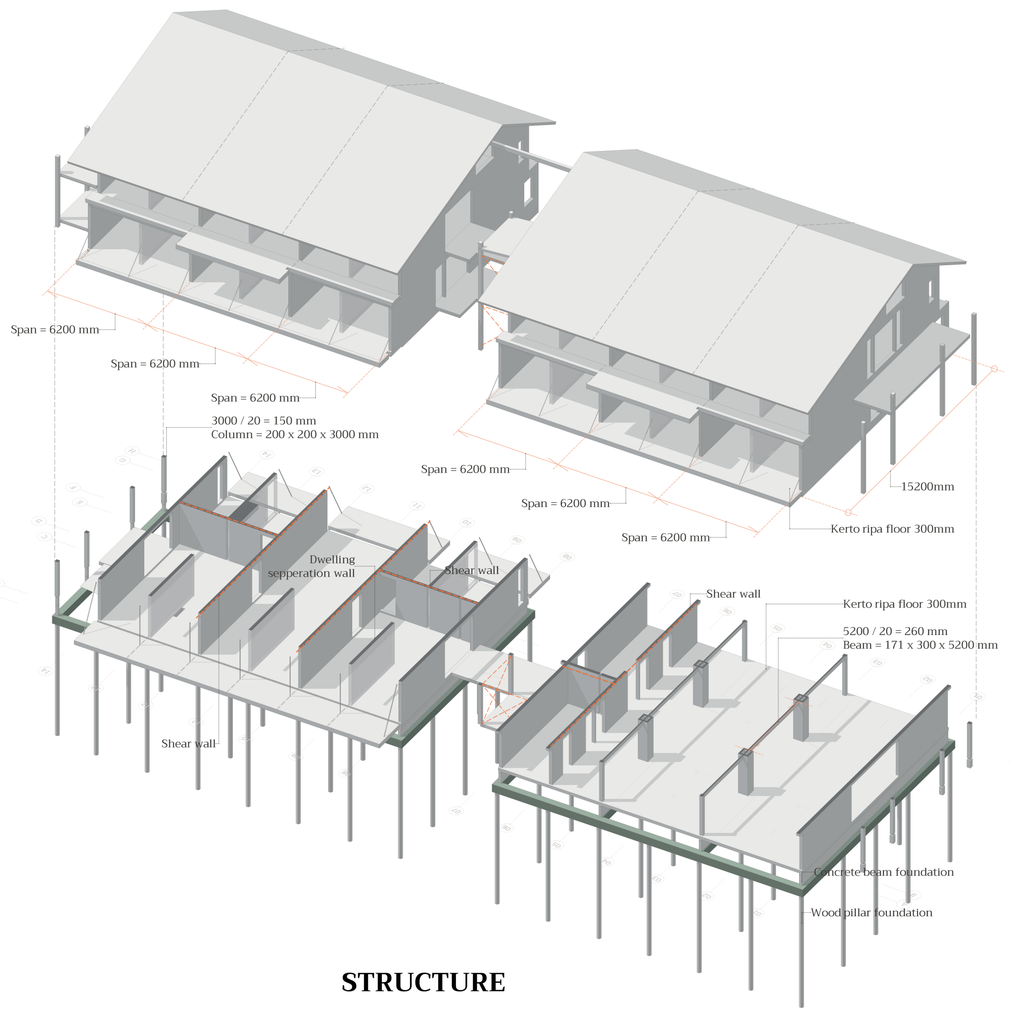
BUILDING B SOUTH FACADE



BUILDING B FIRST FLOOR



BUILDING B GROUNDFLOOR



STRUCTURE

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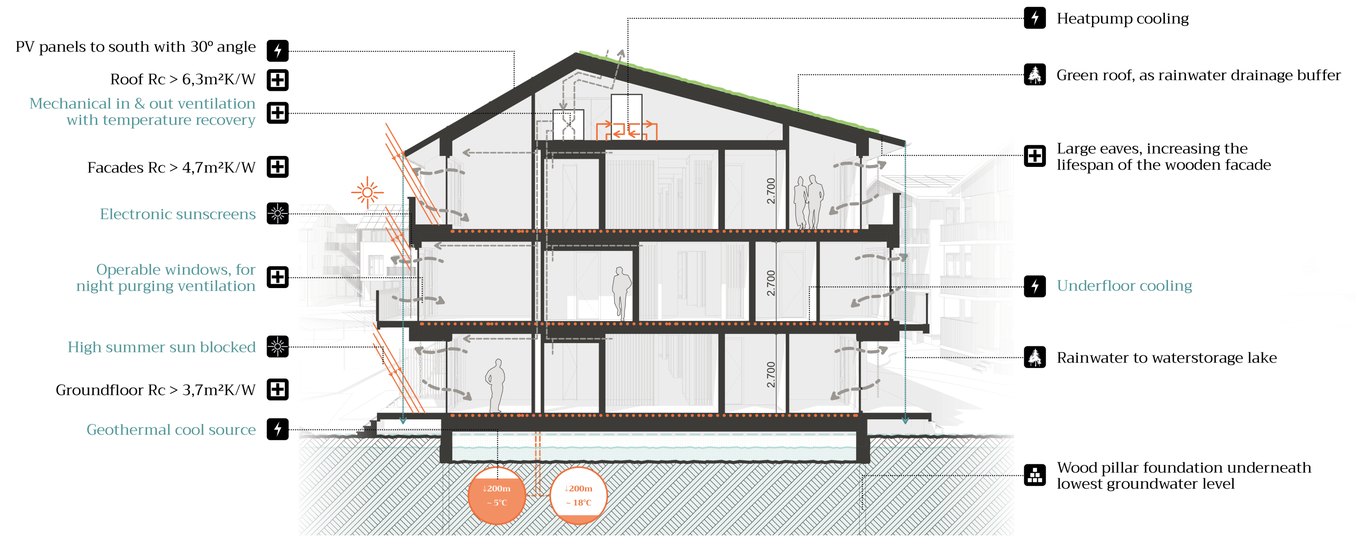
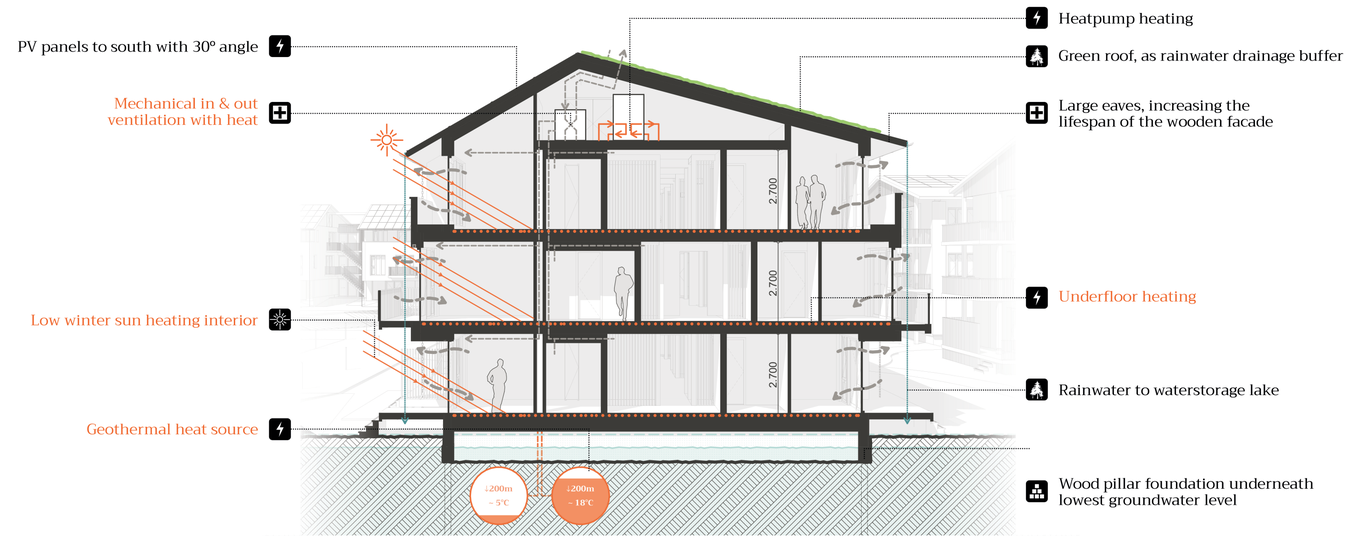
CLIMATE GOALS

CO_2 neutral

SUMMER SECTION C-C



WINTER SECTION C-C





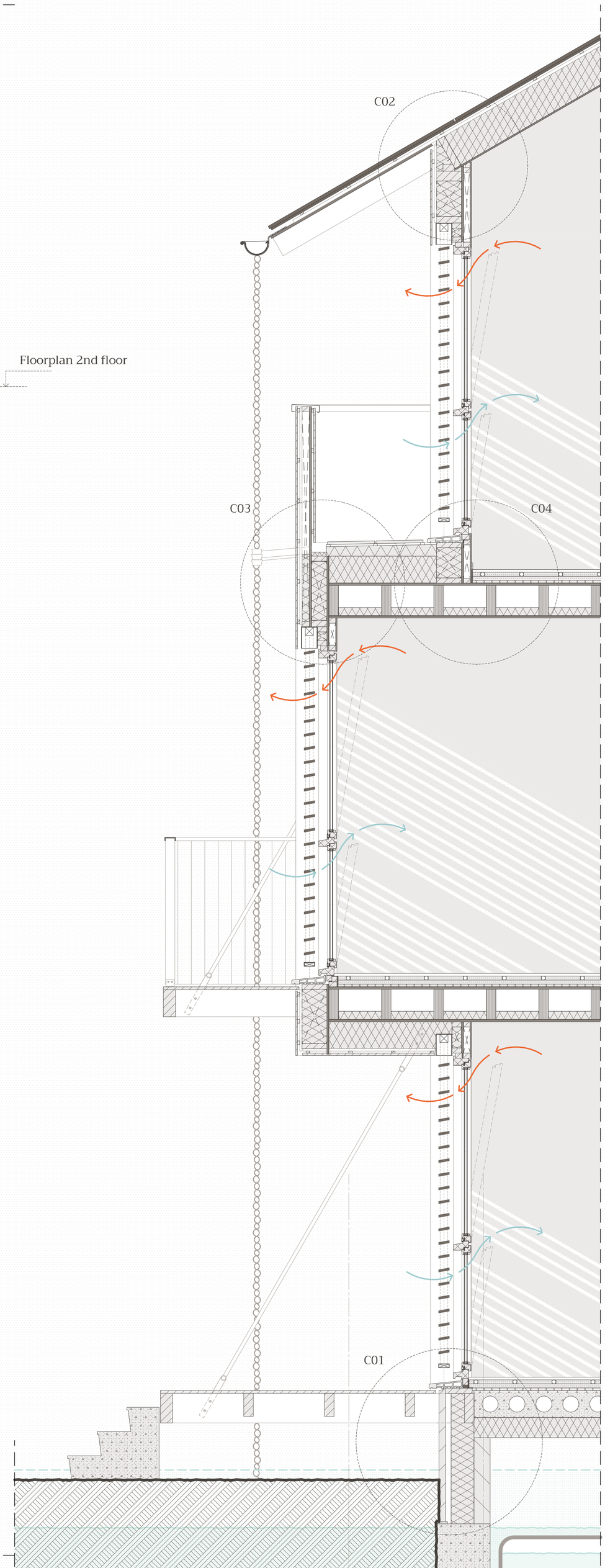
Floorplan 2nd floor

Fragment façade

1:20

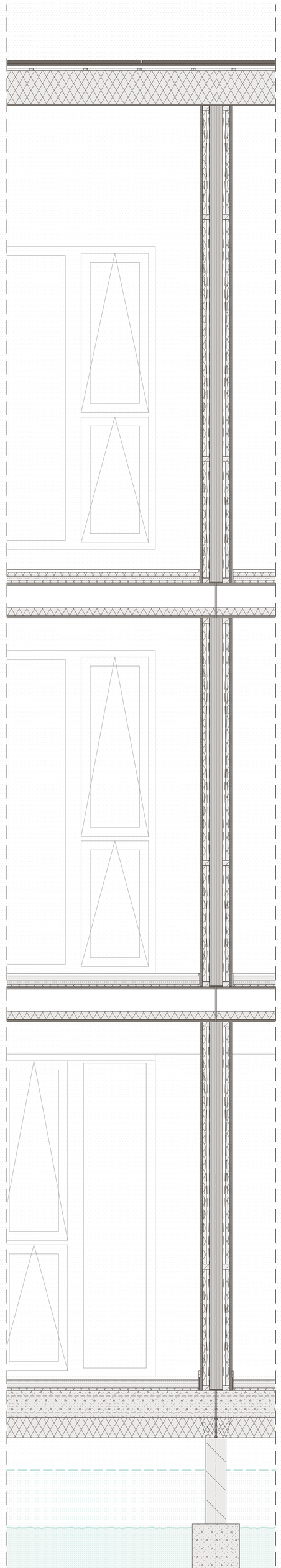
Fragment floorplan 2nd floor

1:20



Fragment section C-C

1:20



Fragment section D-D

1:20



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Building B Fragment 20 A0P

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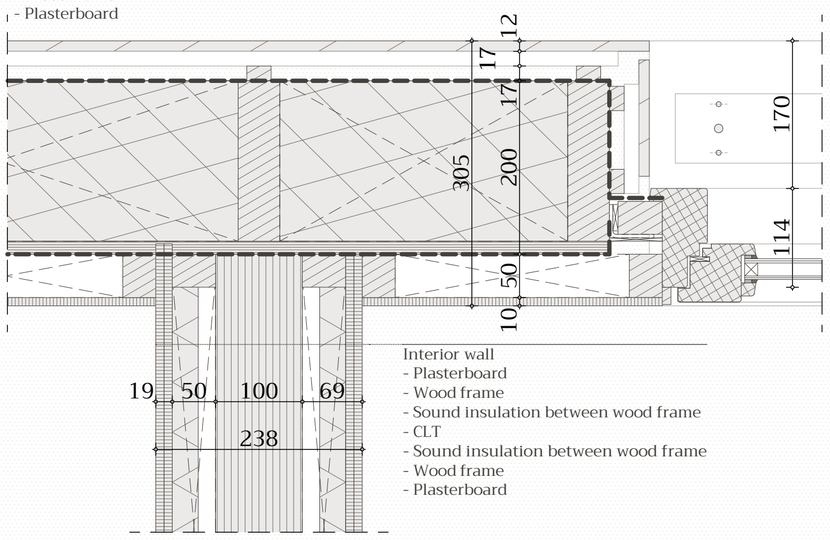
Façade
- Vertical untreated cedar wood cladding
- Horizontal fitting
- Vertical fitting
- Membrane layer
- Insulated between wood frame
  RC ≥4,7 m²K/W
- Plywood
- Wood frame
- Plasterboard



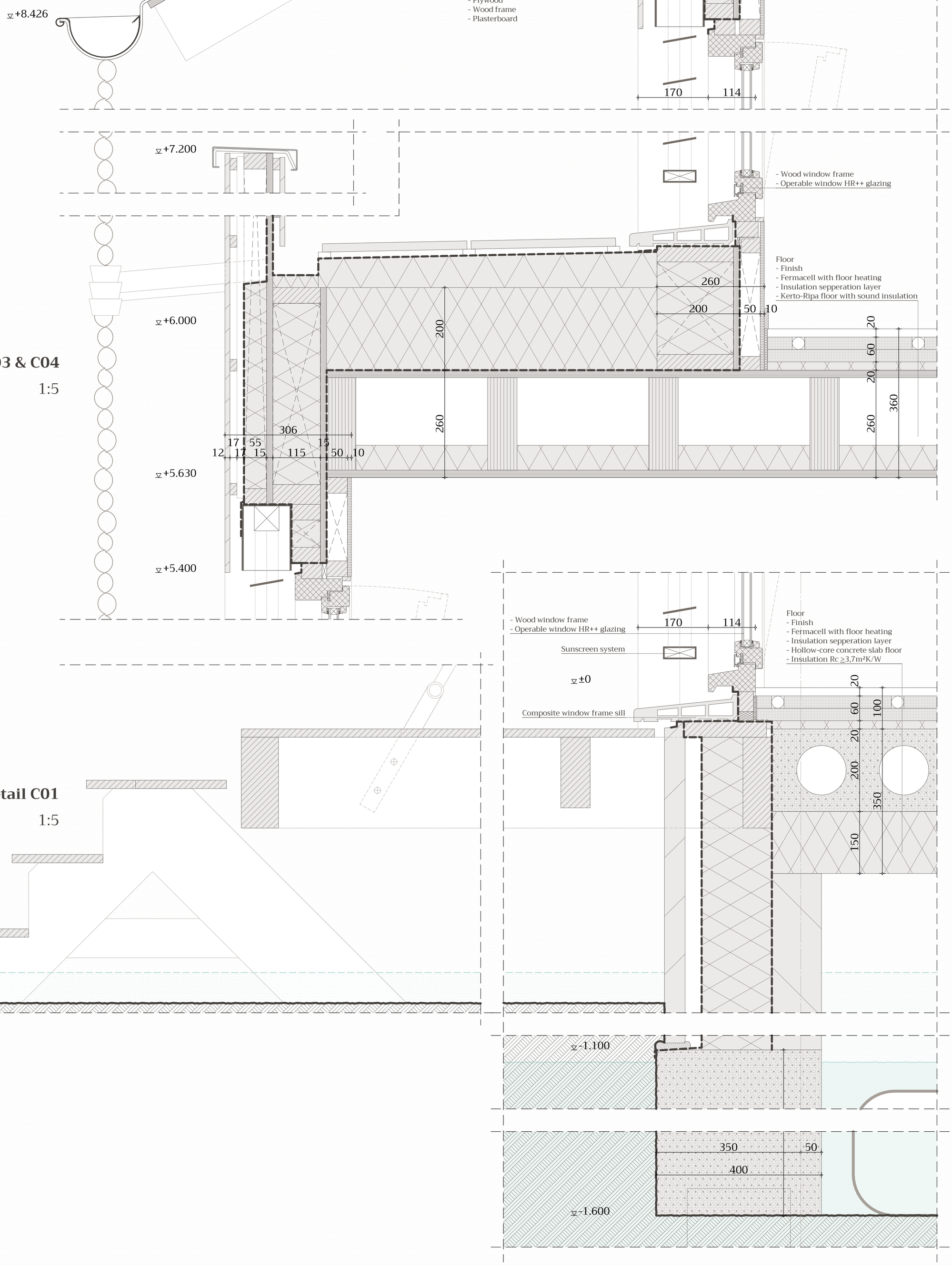
Detail 2.1

1:5

Interior wall
- Plasterboard
- Wood frame
- Sound insulation between wood frame
- CLT
- Sound insulation between wood frame
- Wood frame
- Plasterboard

Detail C02

1:5



Detail C03 & C04

1:5

Detail C01

1:5

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Details A1

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