



Healing Oncology

‘The impact of the physical medical environment on the wellbeing of cancer patients and their relatives.’

TU Delft Explorelab

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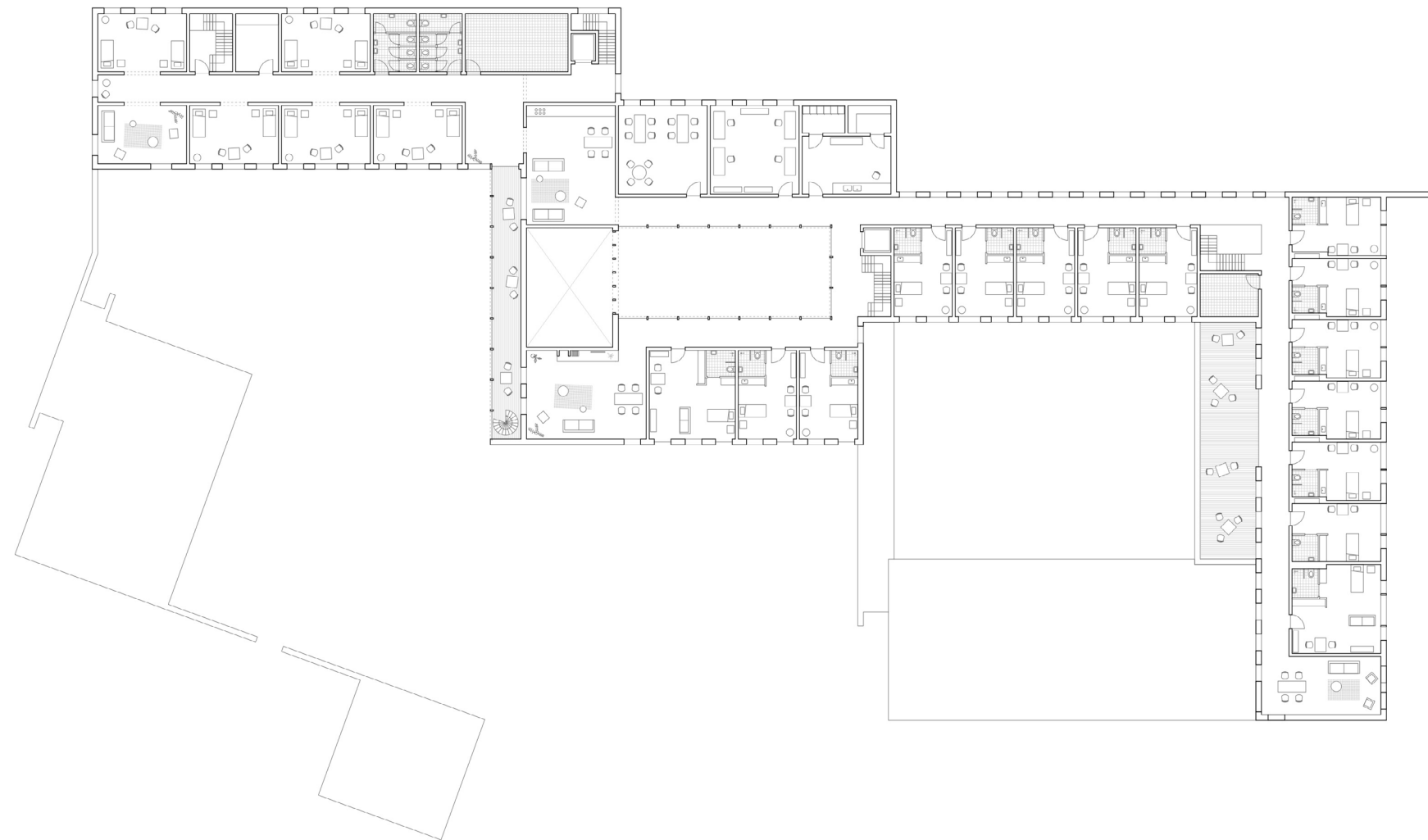


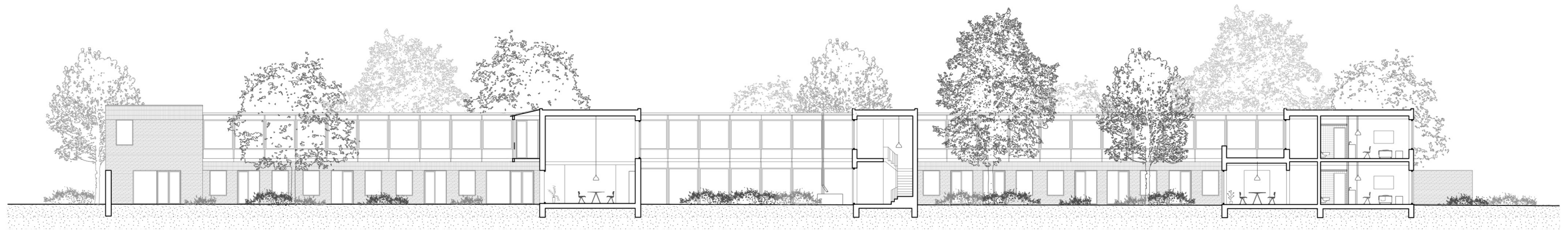
the UMC and the Oostbrook estate



context concept







longitudinal section throiugh enclosed gardens



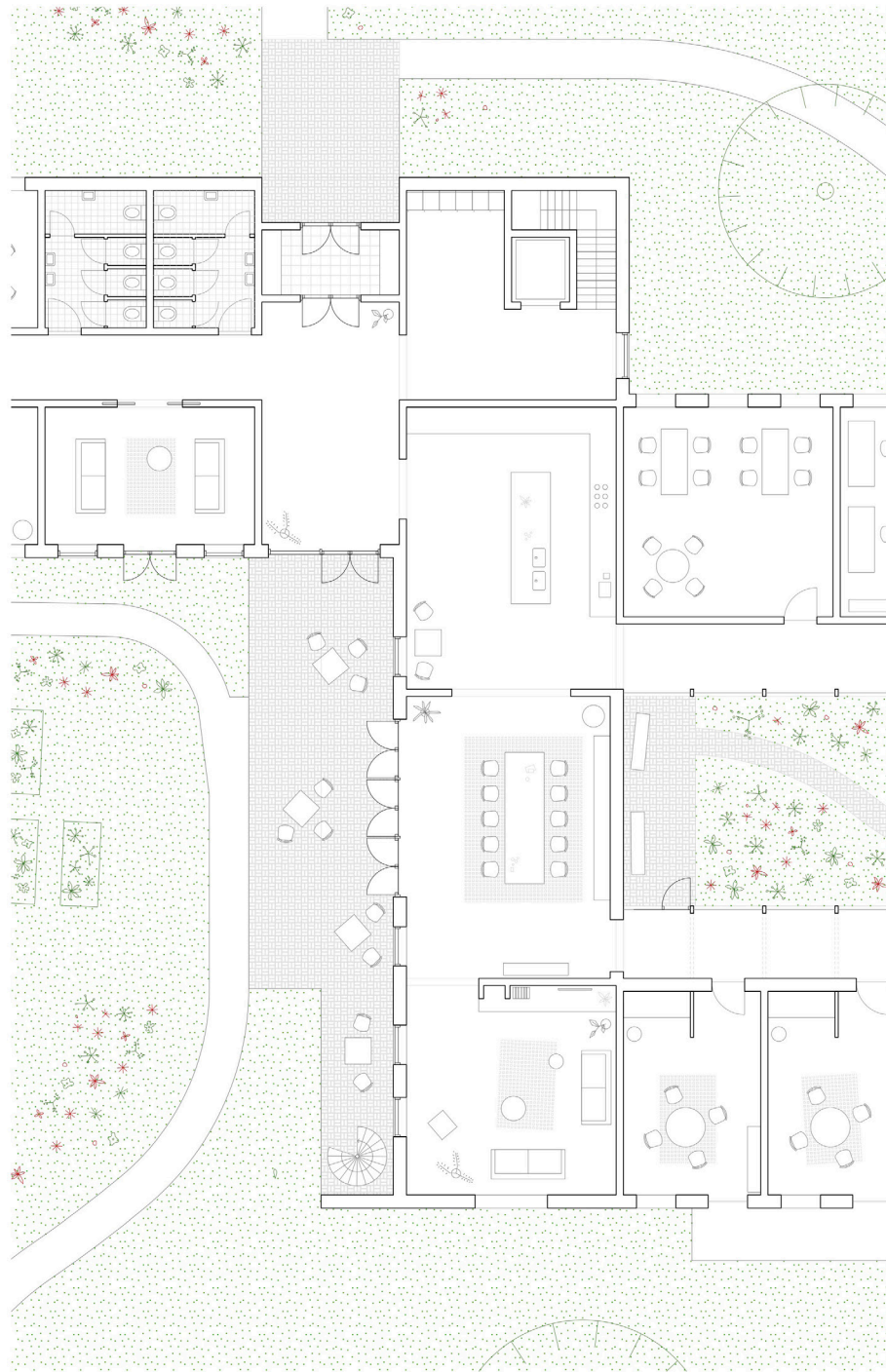
South facade, approach from the park



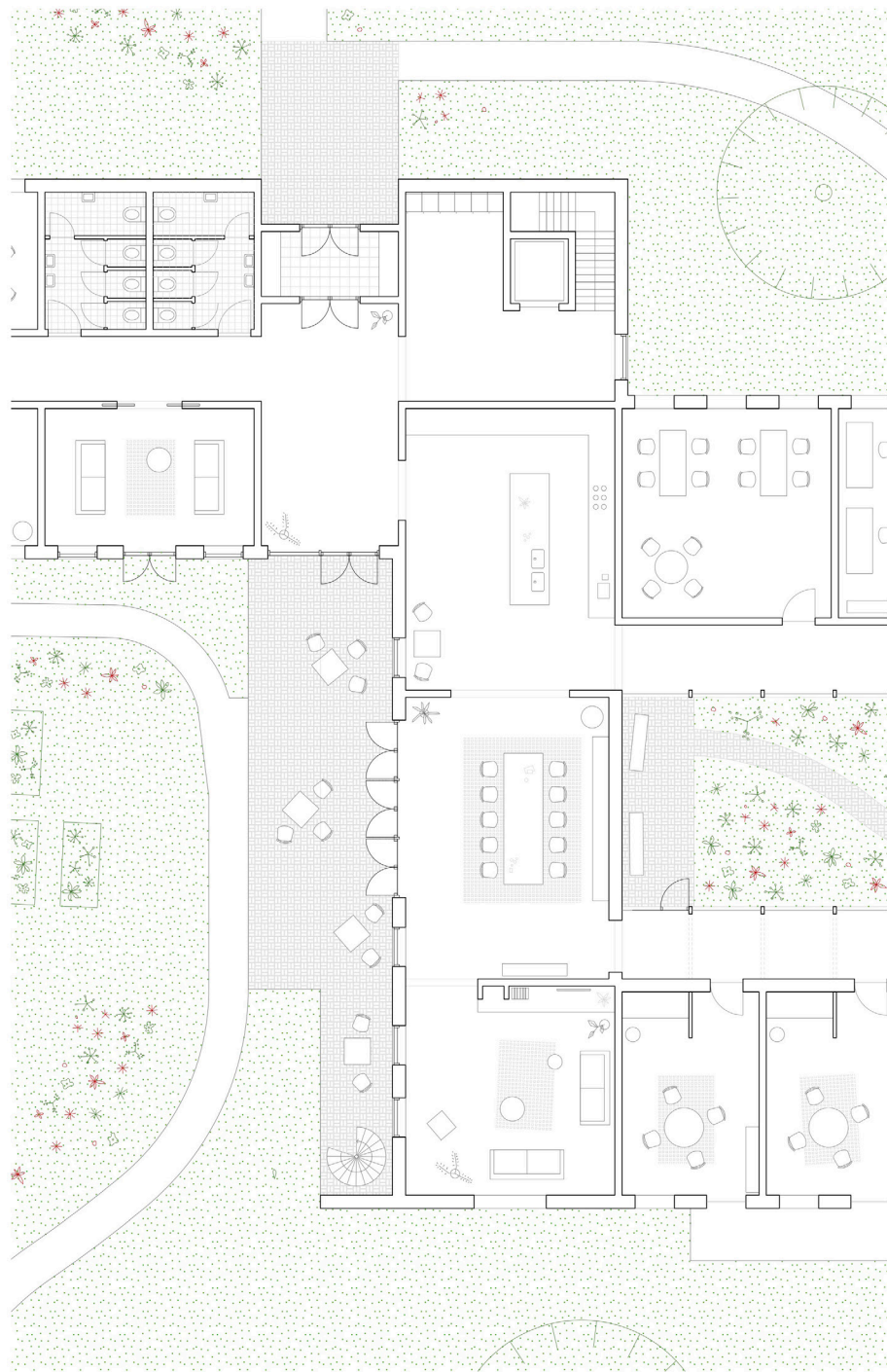
Facade facing courtyard 1, approach from the park



North facade, approach from the parking



Main entrance outside



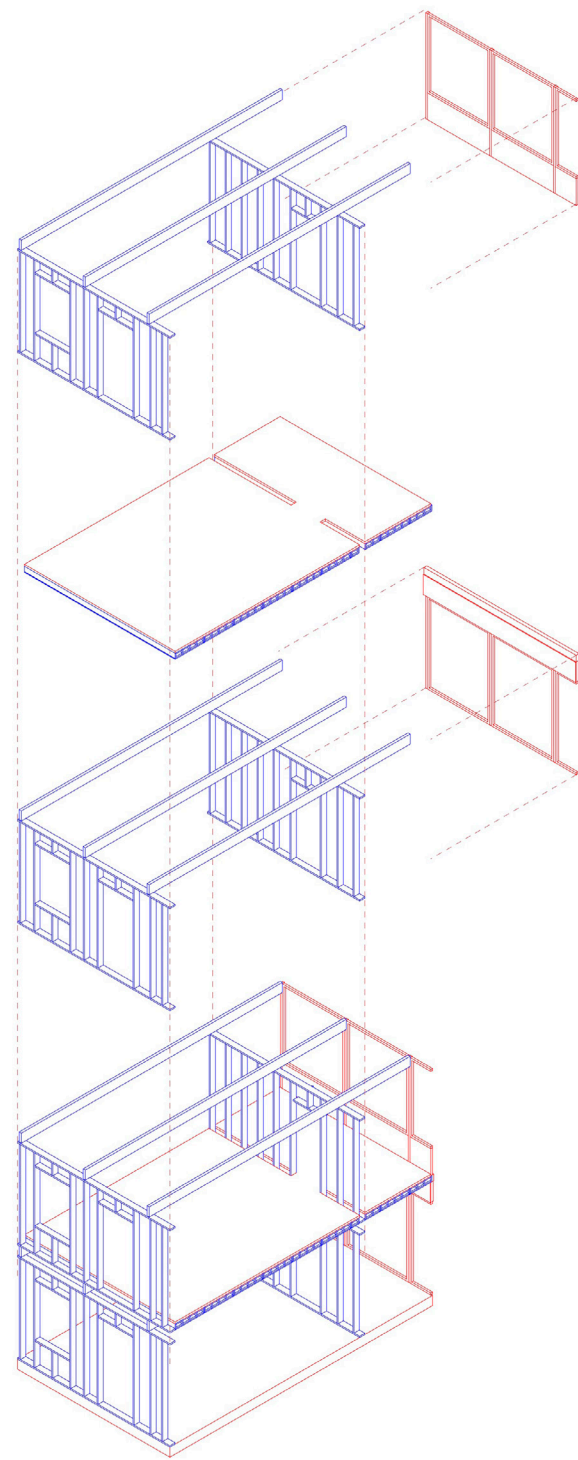
Main entrance inside

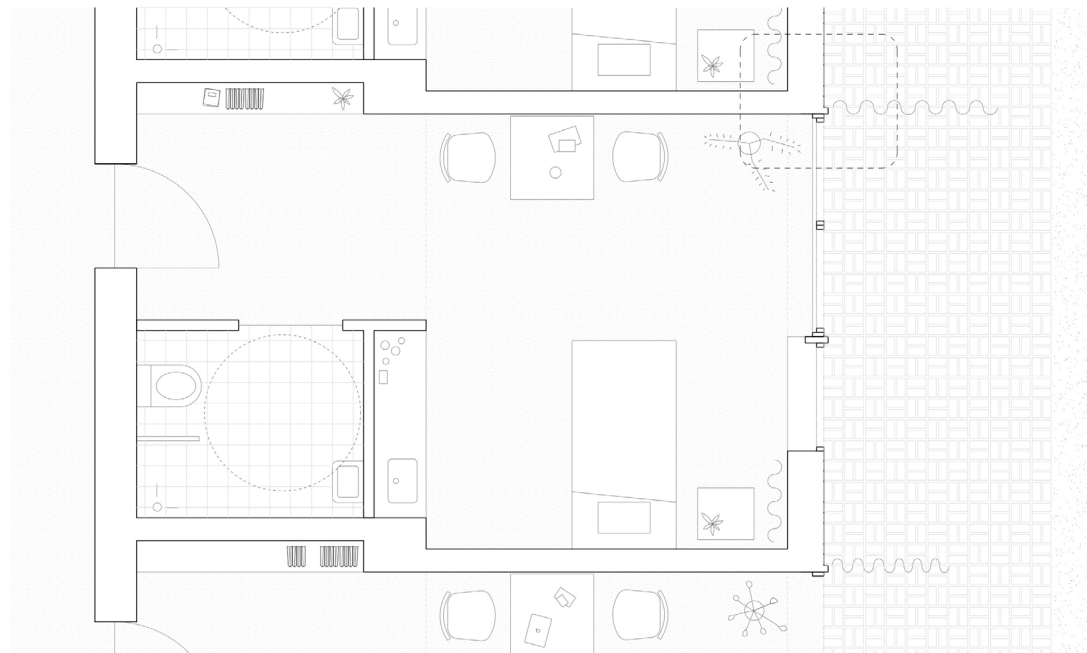
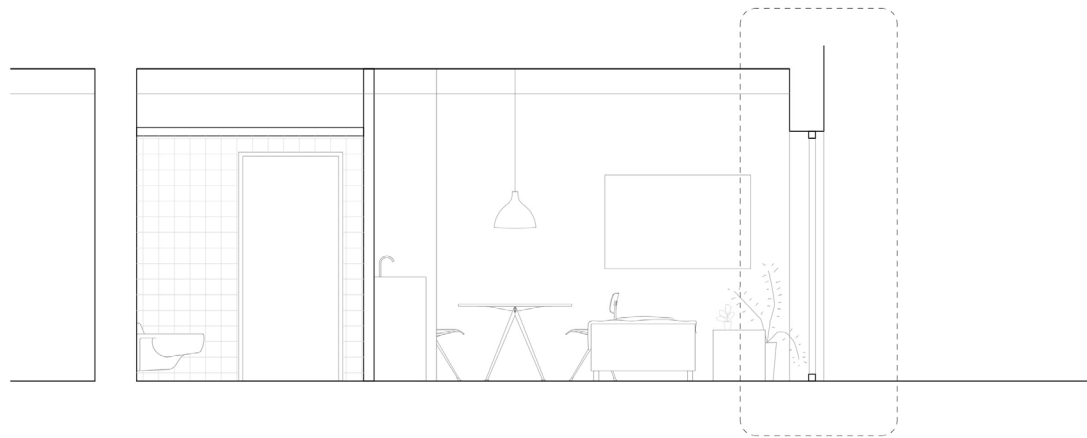


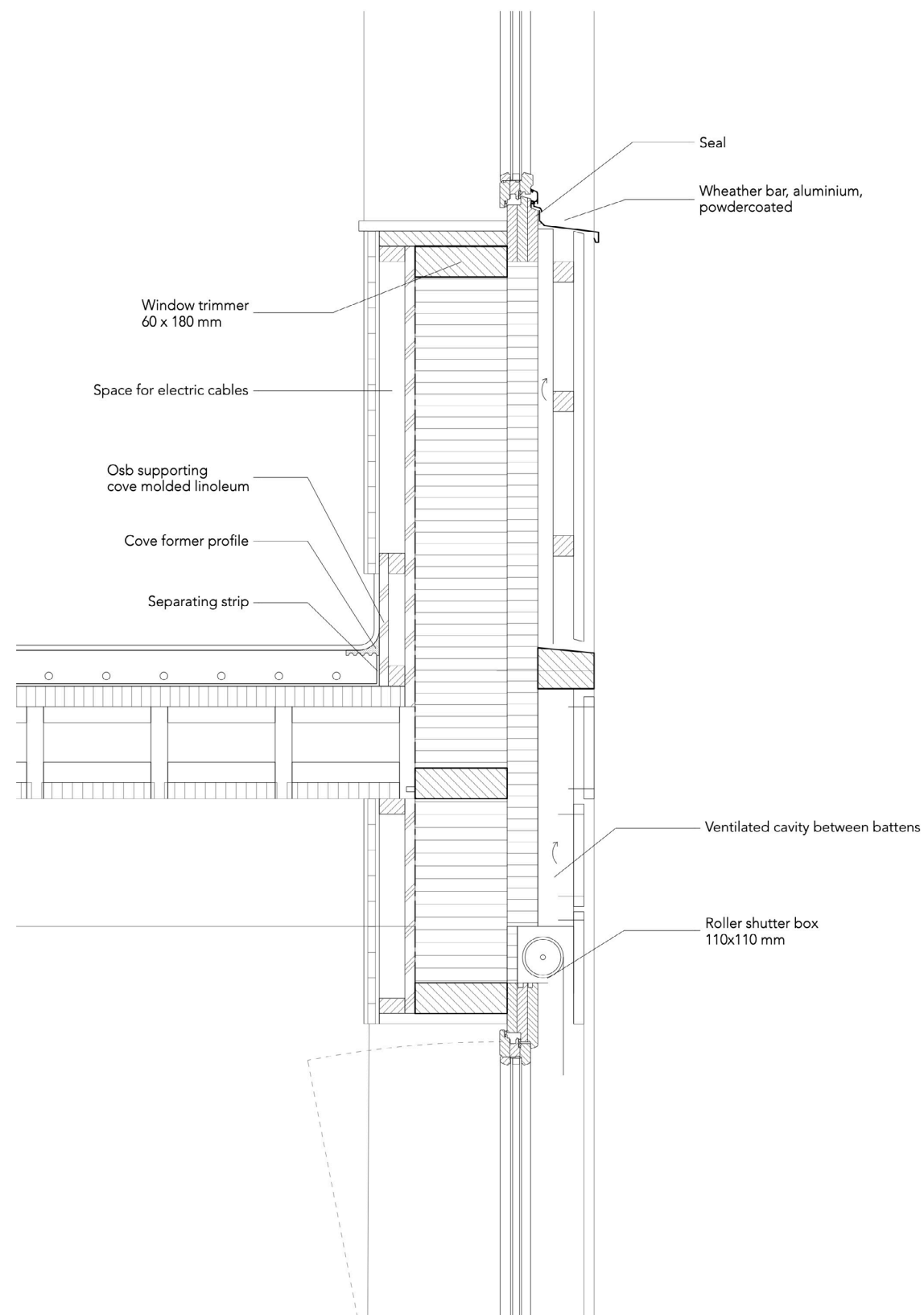
23 June 09:00



23 June 18:00







WALL CONSTRUCTION:

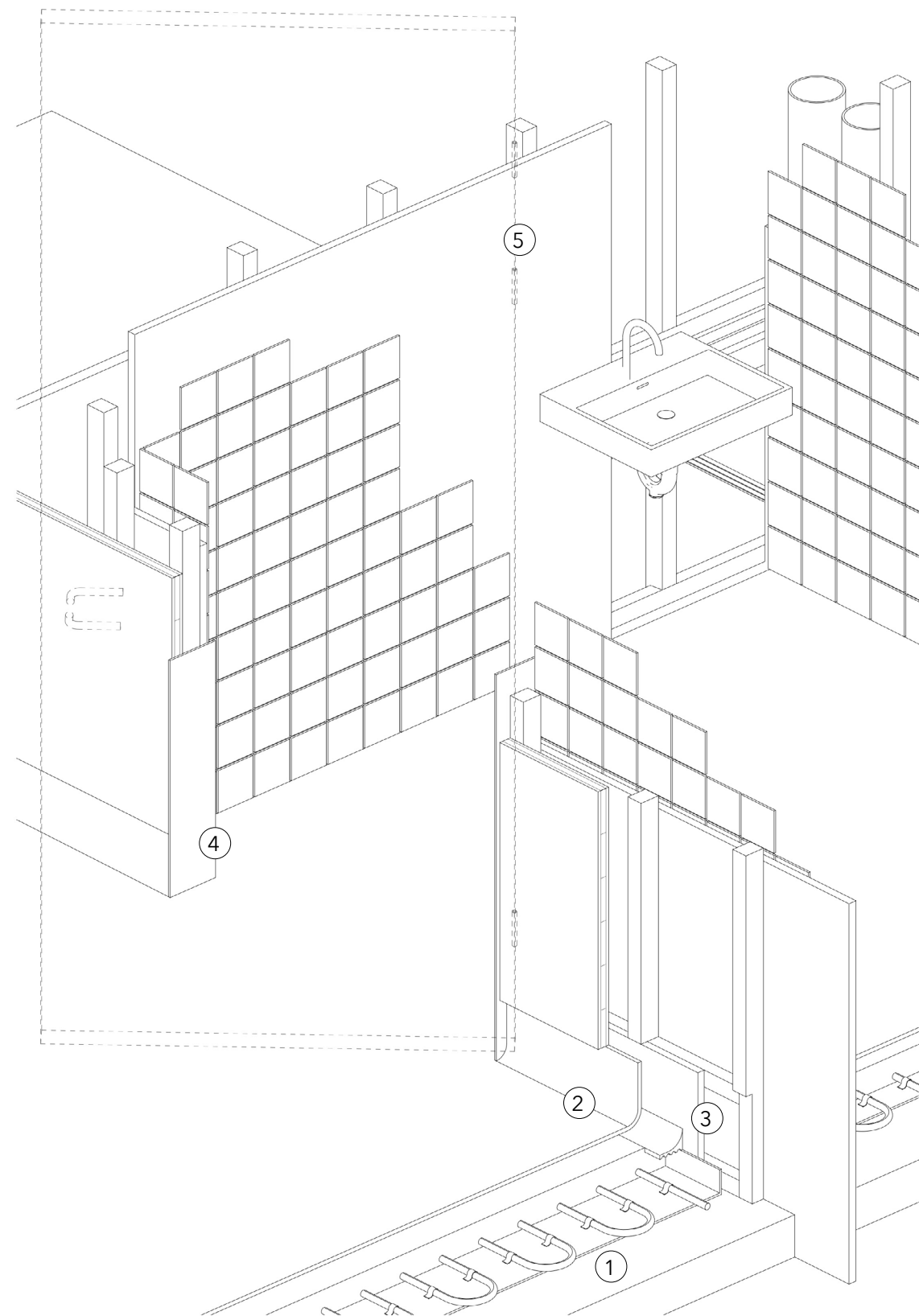
- black stained douglas wood (vertical)	20 mm
- battens, ventilated cavity	60 mm
- airtight membrane	10 mm
- wood fibre thermal insulation	60 mm
- timber structure with wood fibre thermal insulation	180 mm
- OSB board	20 mm
- Proclima intelo (vapour barrier)	
- vertical battens	50 mm
- 3 crosslayered Fir wood board	30 mm
- matte waterproof lacquer finish	

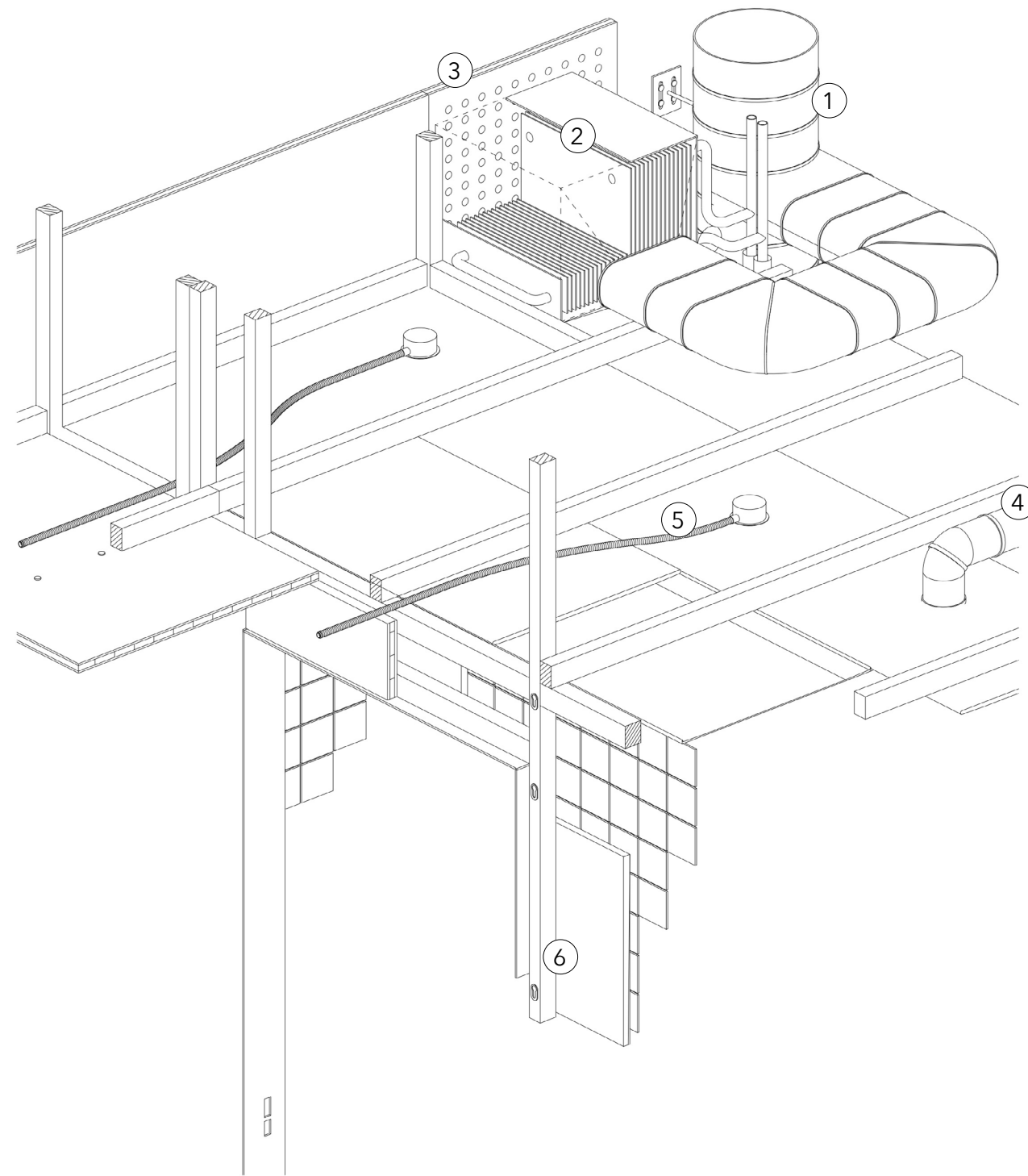
TOTAL 430mm

FLOOR CONSTRUCTION::

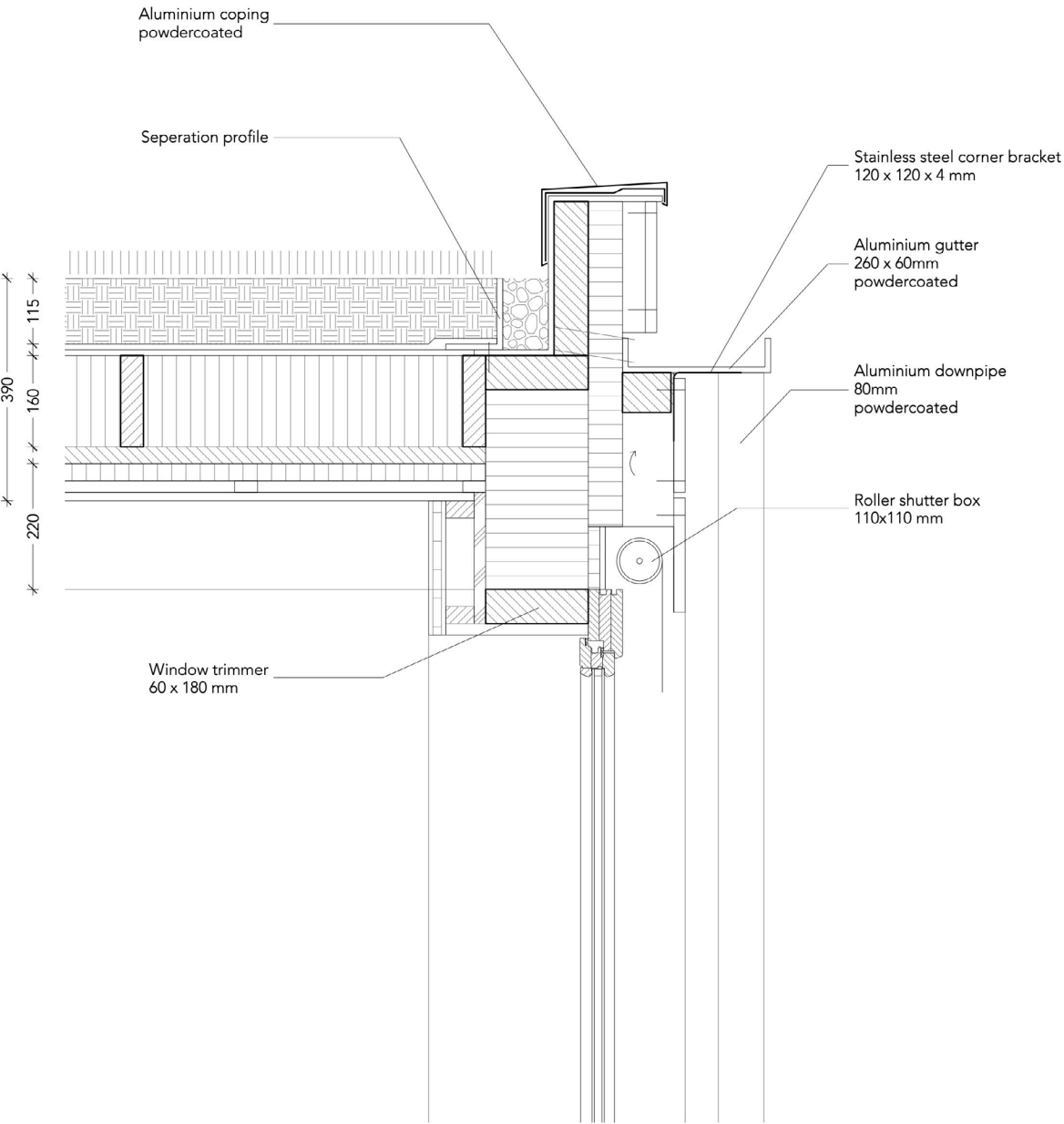
-Linoleum (novilan viva 5666)	5 mm
-screed with underfloor heating/cooling (floating)	60 mm
-PAVATEX RSP moisture barrier	5 mm
-PAVAPOR impact sound insulation boards	30 mm
-Lignatur LFE180 + acoustic type 3 (spruce)	180 mm
-primary timber structure beam	(300) mm

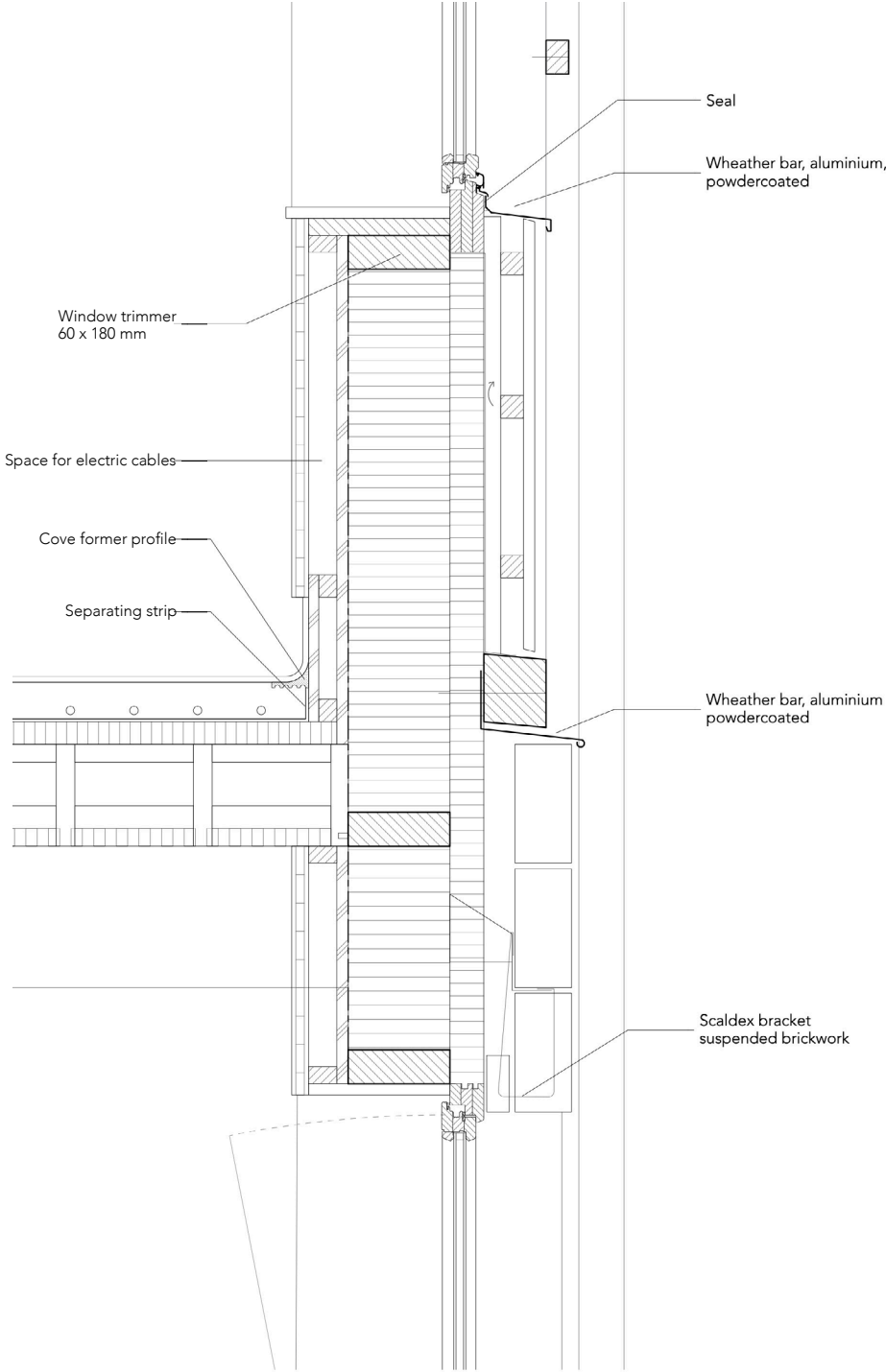
TOTAL 280 mm

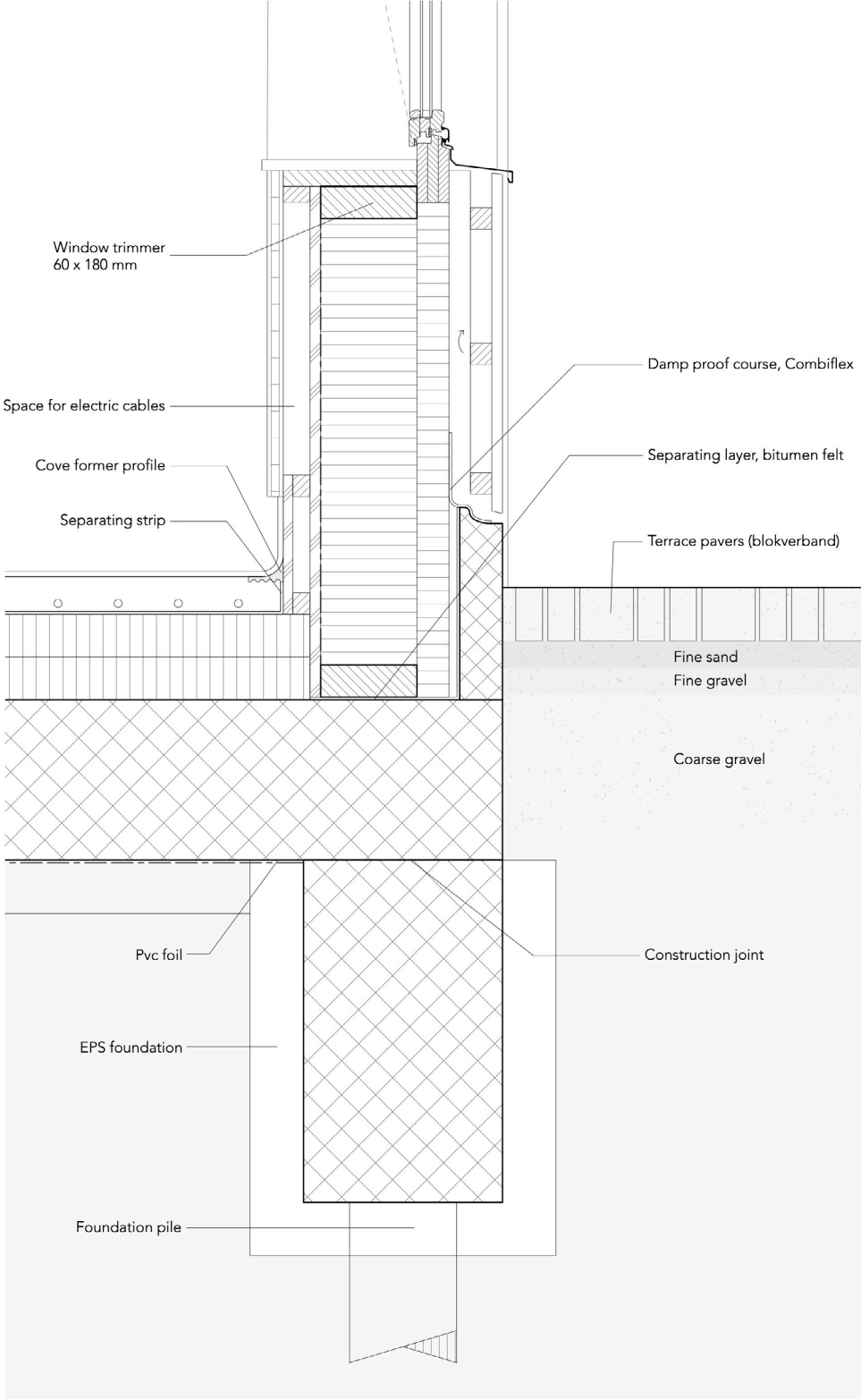


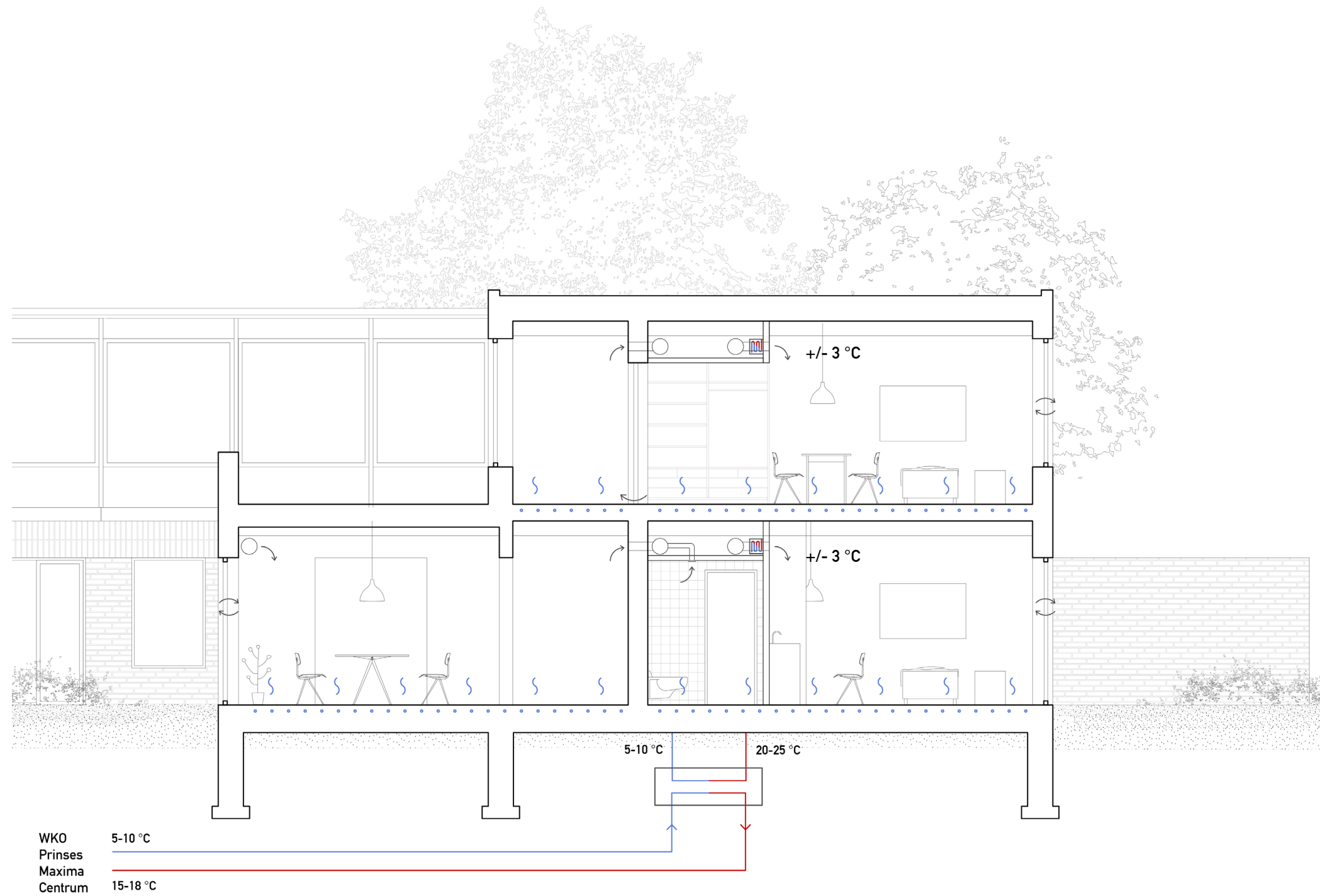


- 1. ventilation duct (supply)
- 2. heatcoil (± 3 °C)
- 3. perforated wall panel
- 4. ventilation duct (exhaust)
- 5. electric cable conduits + ceiling outlet
- 6. concealed wall panel brackets

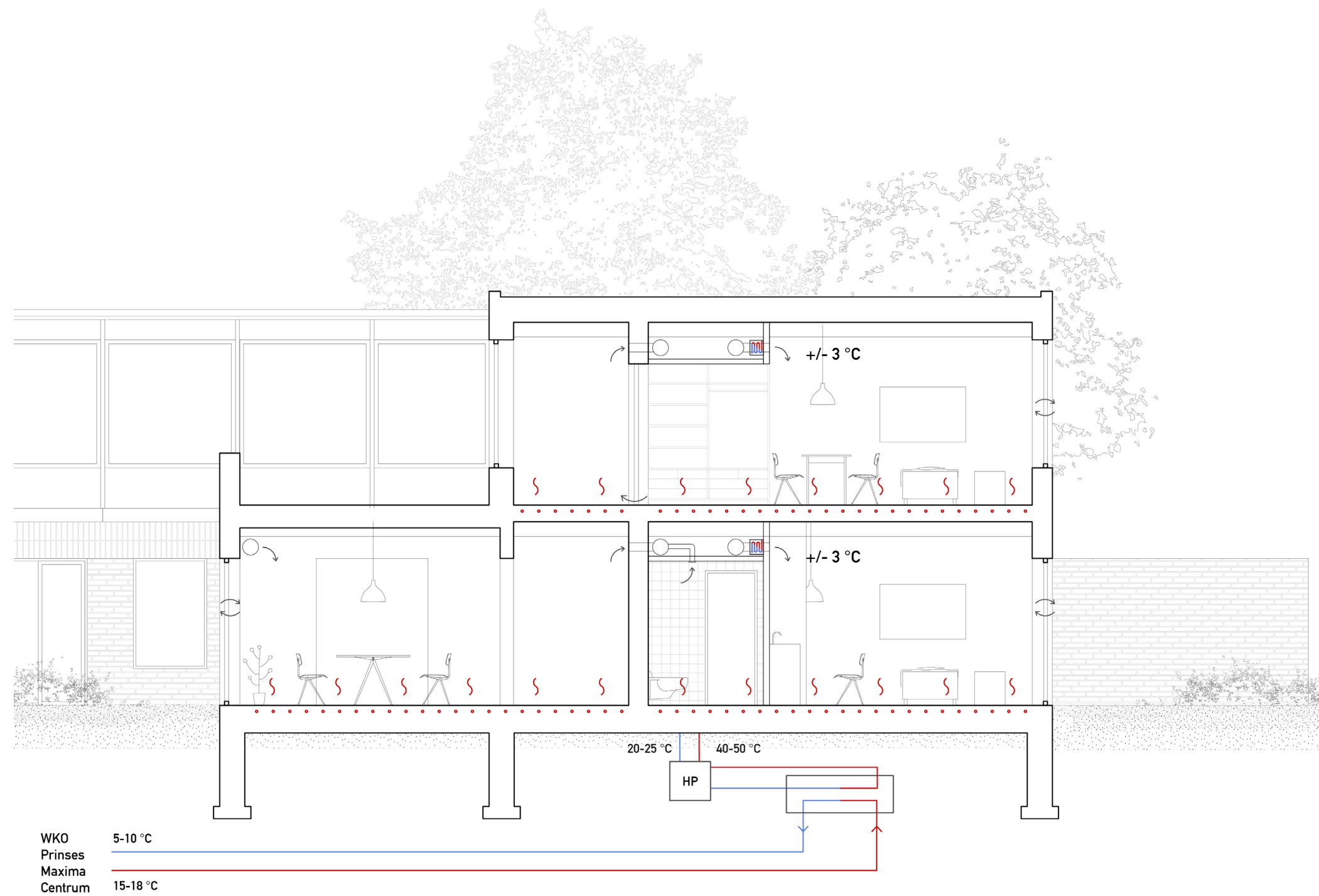








Summer



Winter