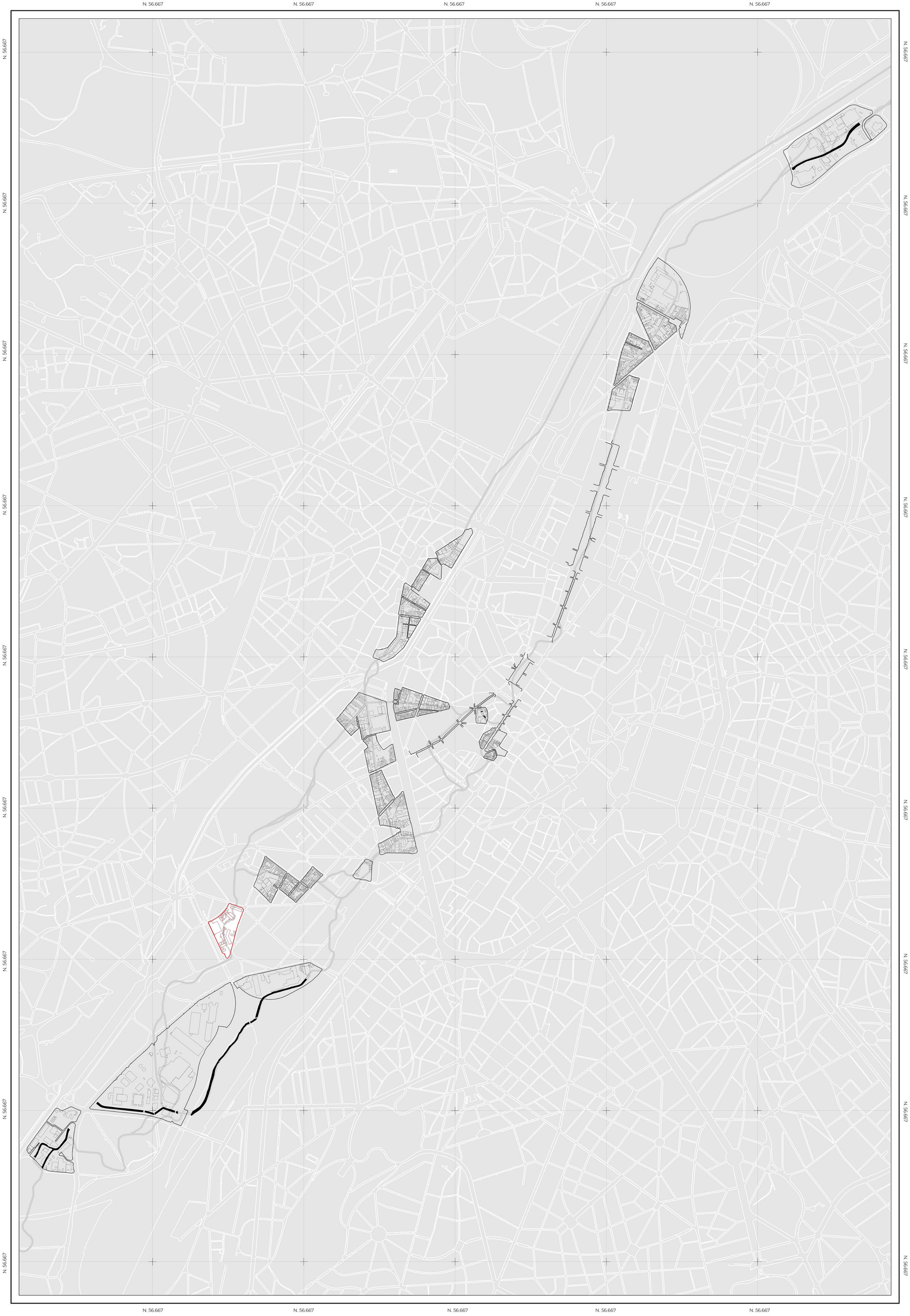
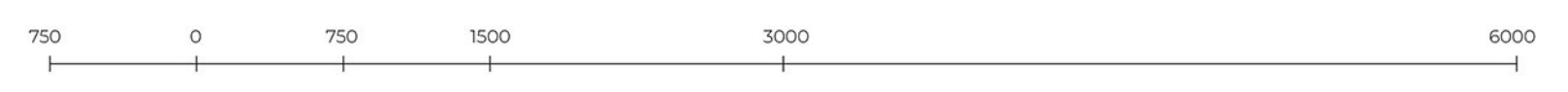


# BRUSSELS

The Senne

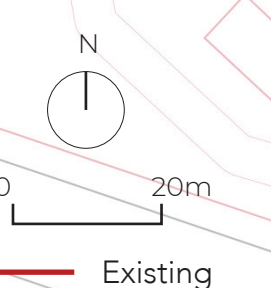
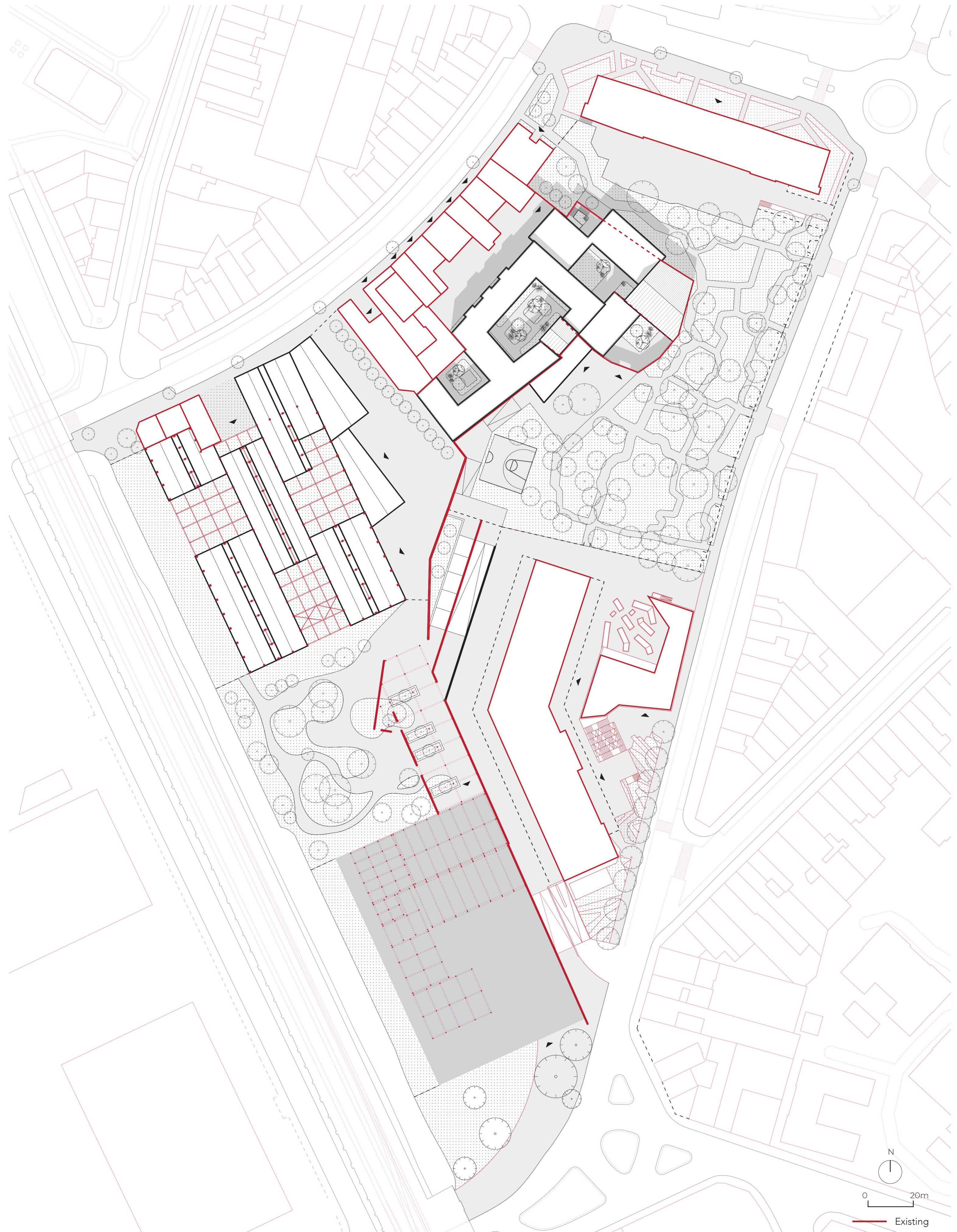
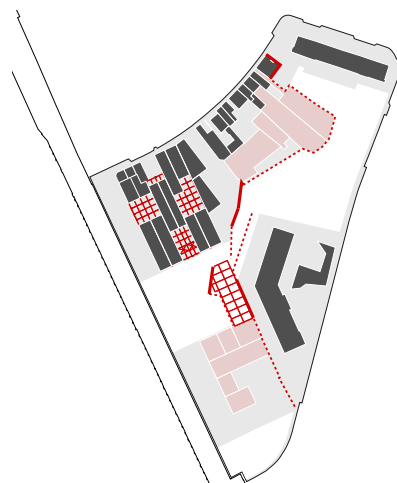
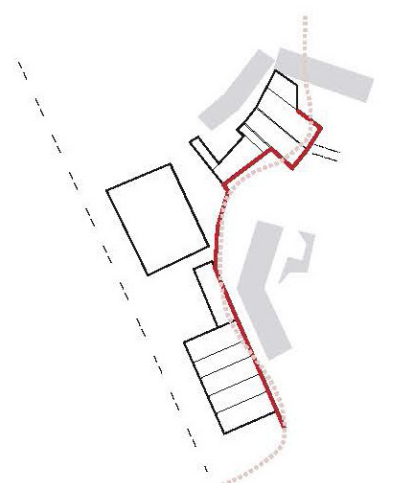
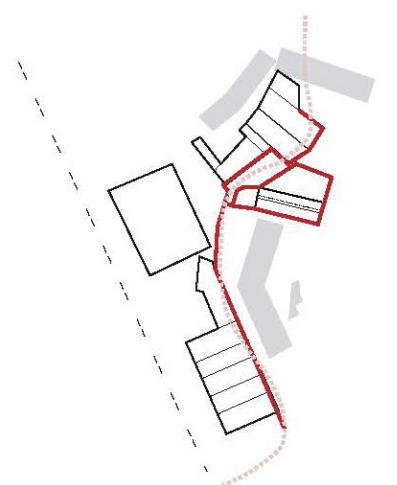
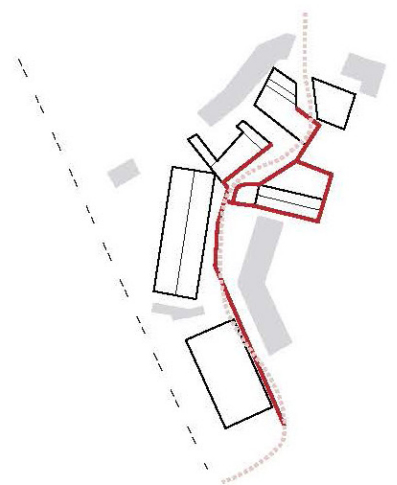
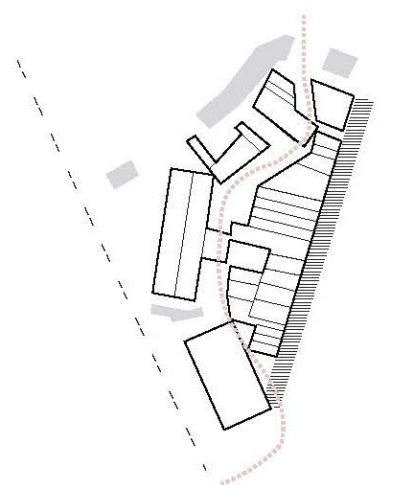
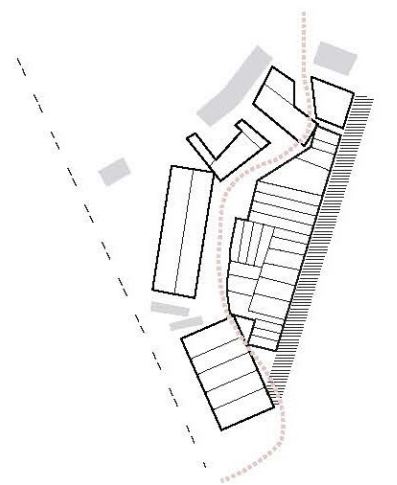
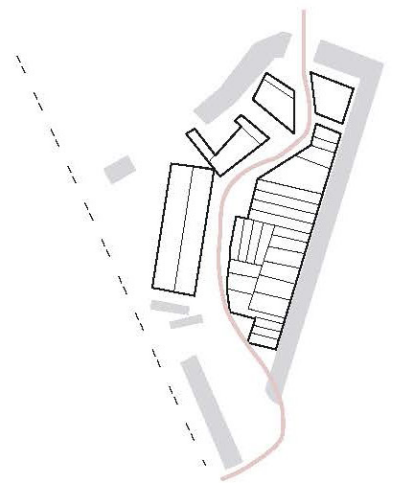
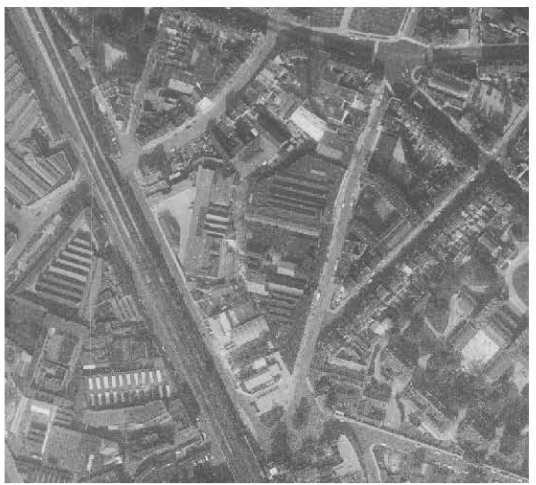
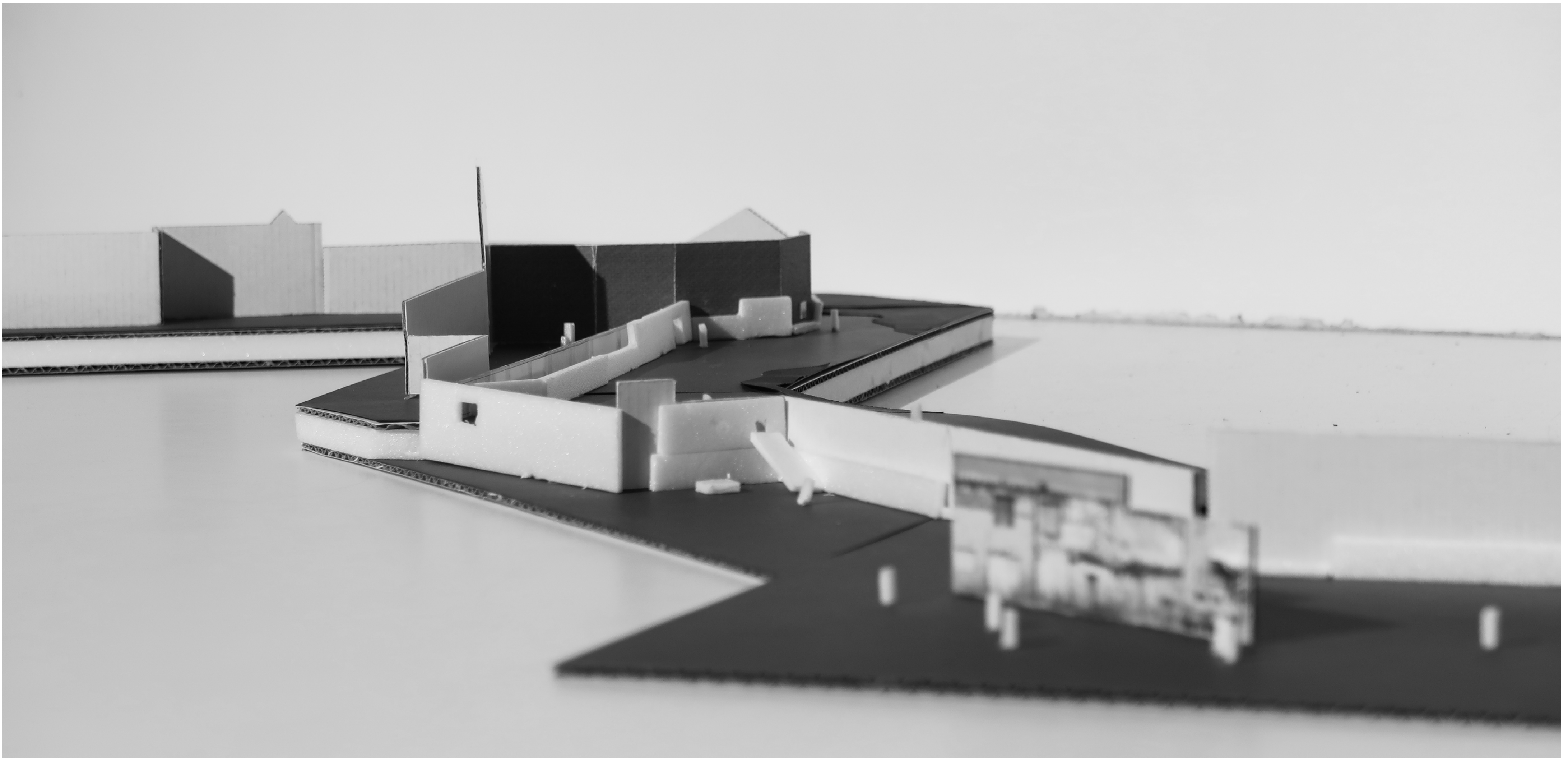


SCALE 1:12'500



30 case studies as an expedition through the city  
Traces of the original course of the Senne before  
its covering in 1871.

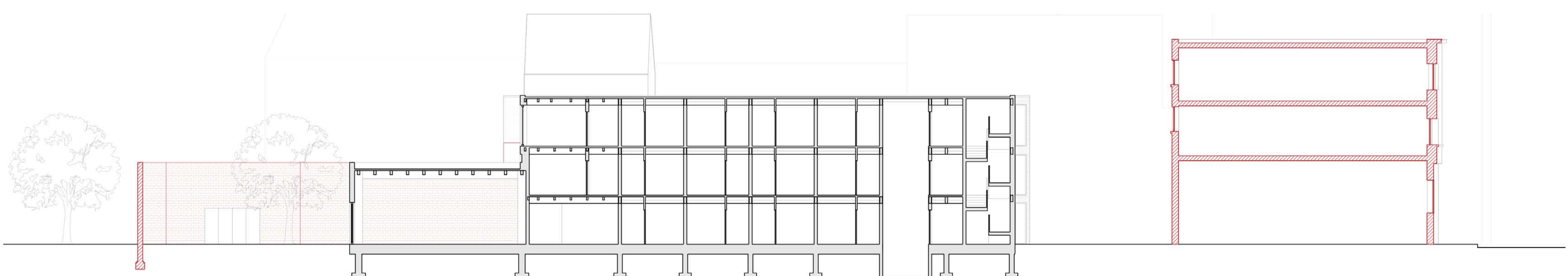
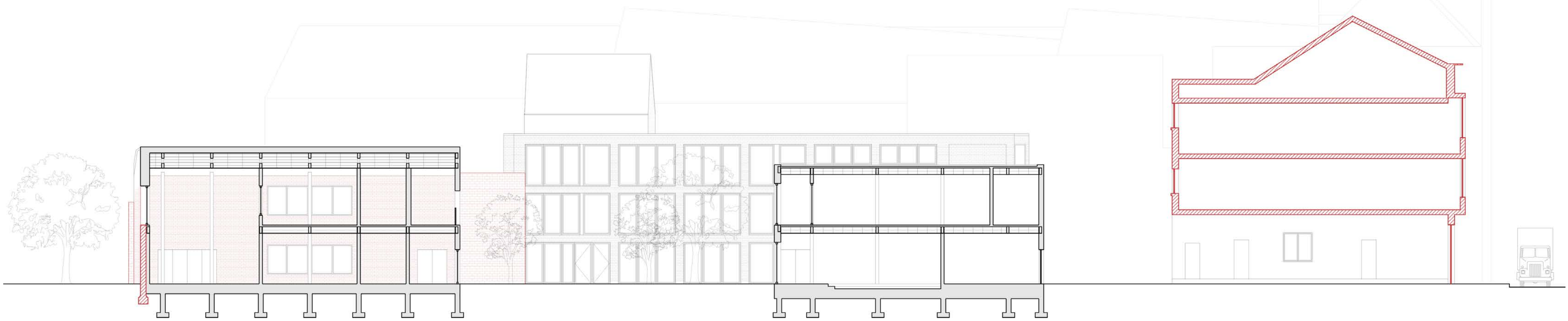
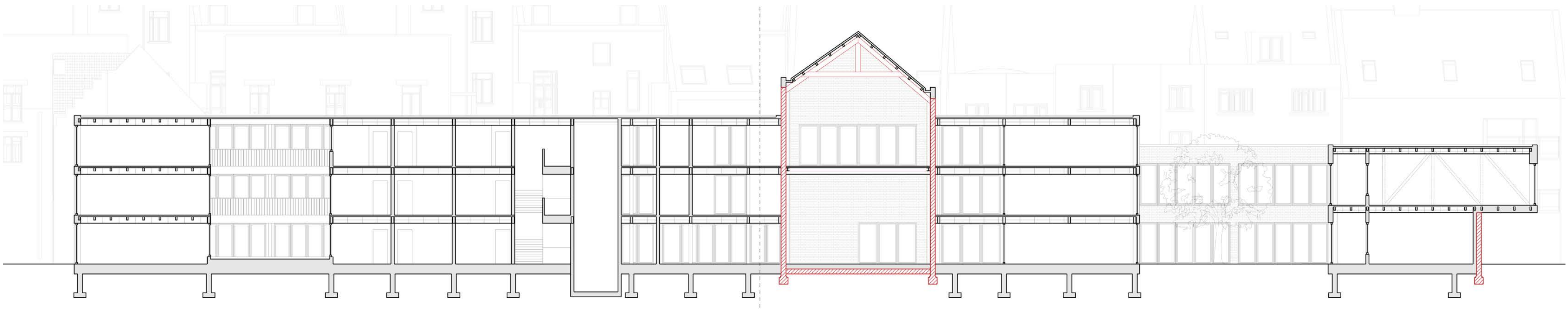




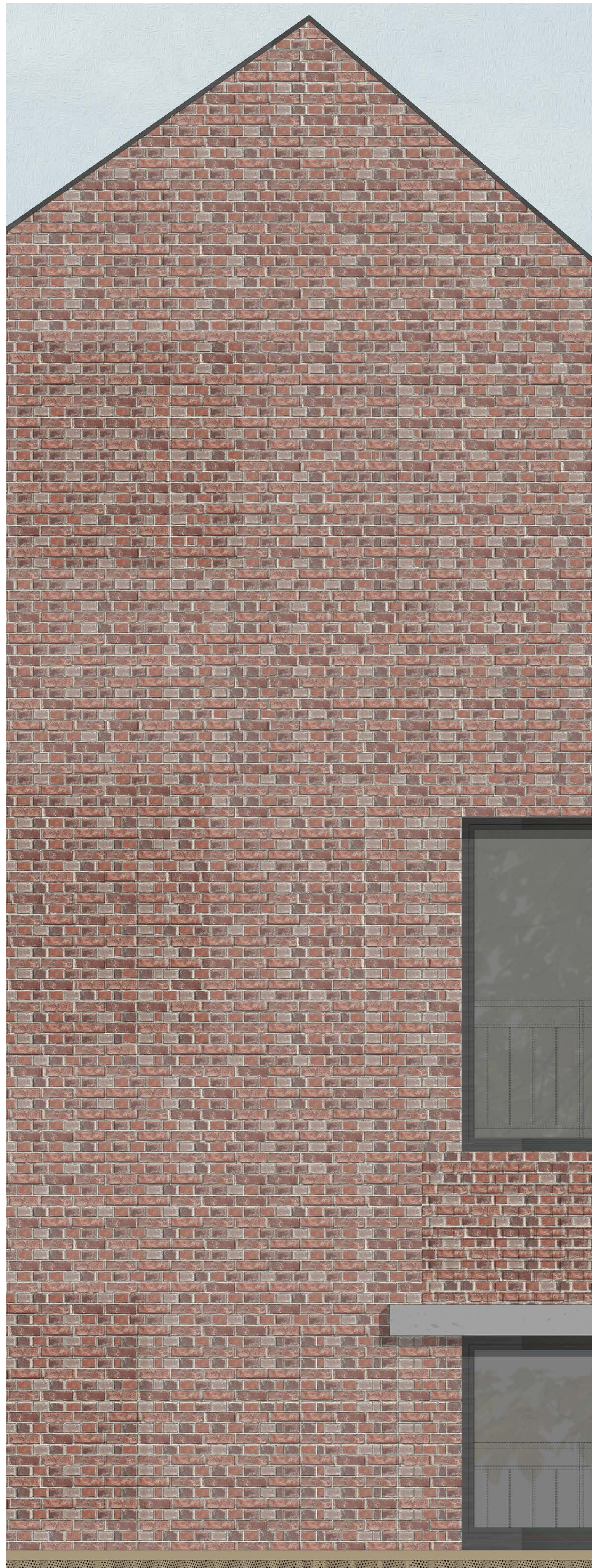












1 New wall construction:  
 Reclaimed bricks  
 15mm brick ties  
 100\*75\*6mm angle  
 200\*70\*7 profile

2 New roof construction:  
 Sedum planting in 80mm substrate layer  
 10mm fibre mat  
 Two-layer bituminous seal  
 150mm insulation layer  
 100mm laminated timber sheathing  
 Vapour barrier  
 200mm laminated timber beams with insulation  
 350mm services cavity  
 12.5 suspended plaster board

3 New floor construction:  
 22mm oak parquet  
 25mm screed with underfloor heating  
 Vapour barrier  
 25mm impact sound insulation  
 100mm laminated timber sheathing  
 200mm timber beams with insulation  
 200mm reinforced concrete slab  
 60mm binding layer

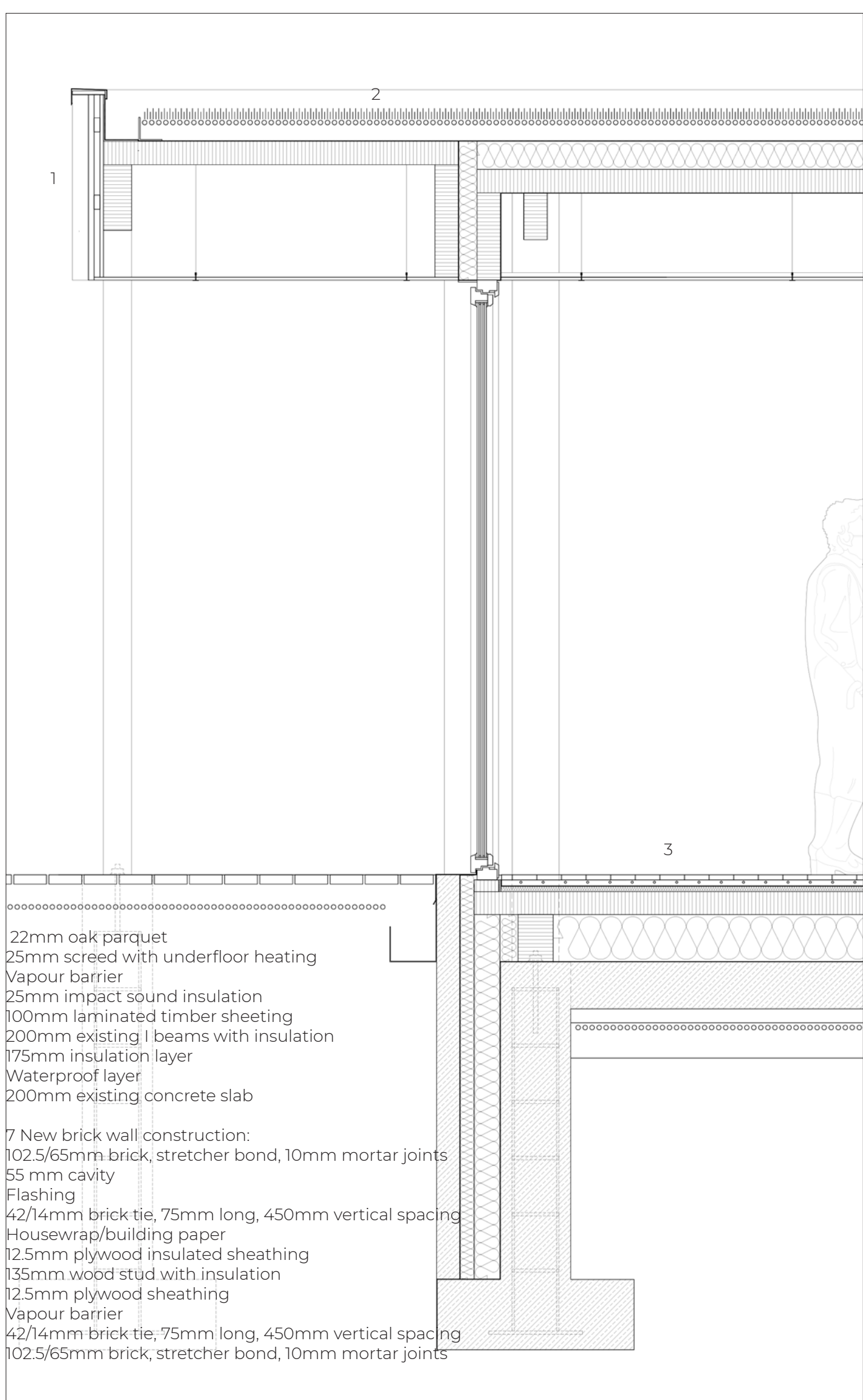
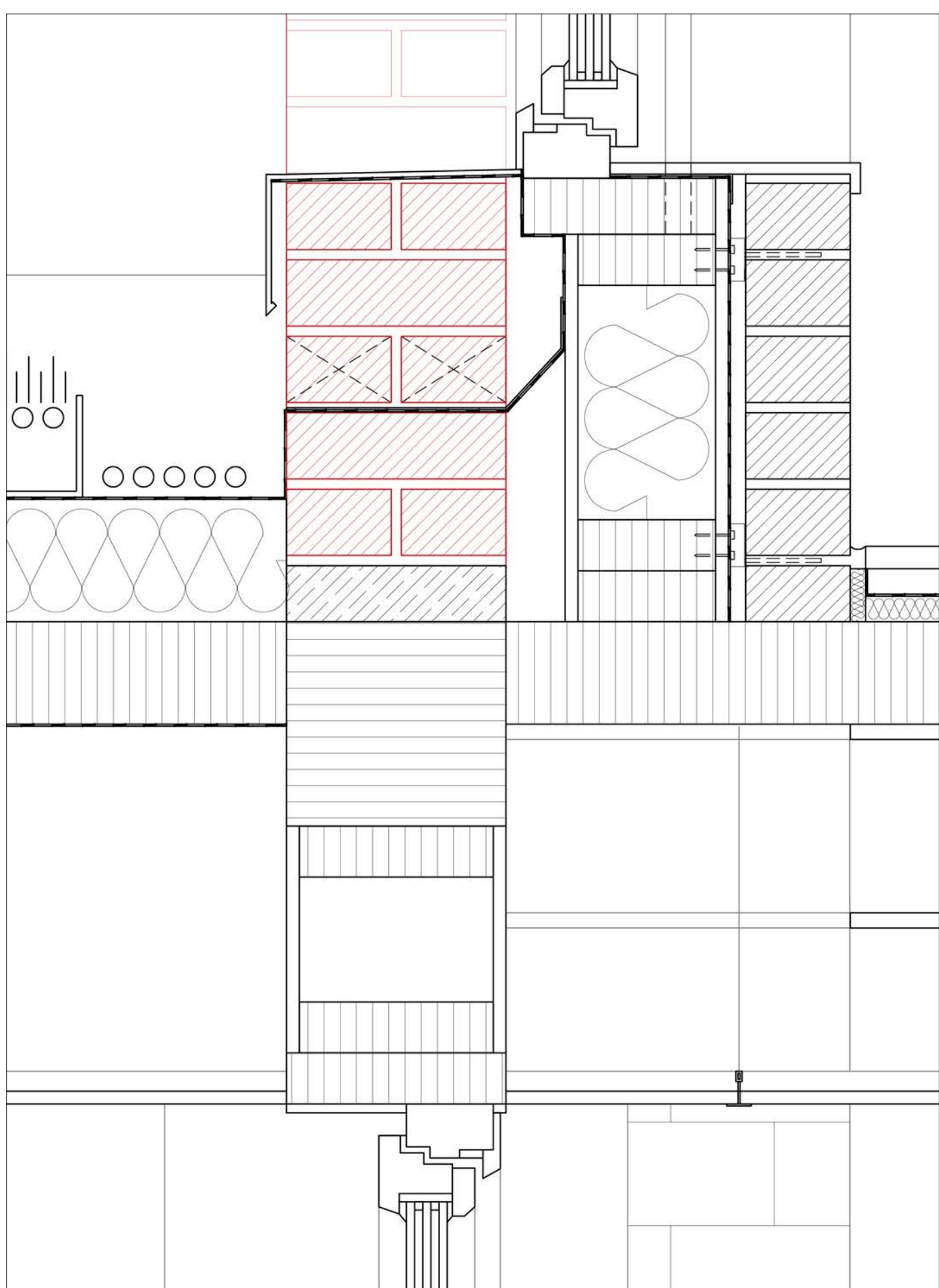
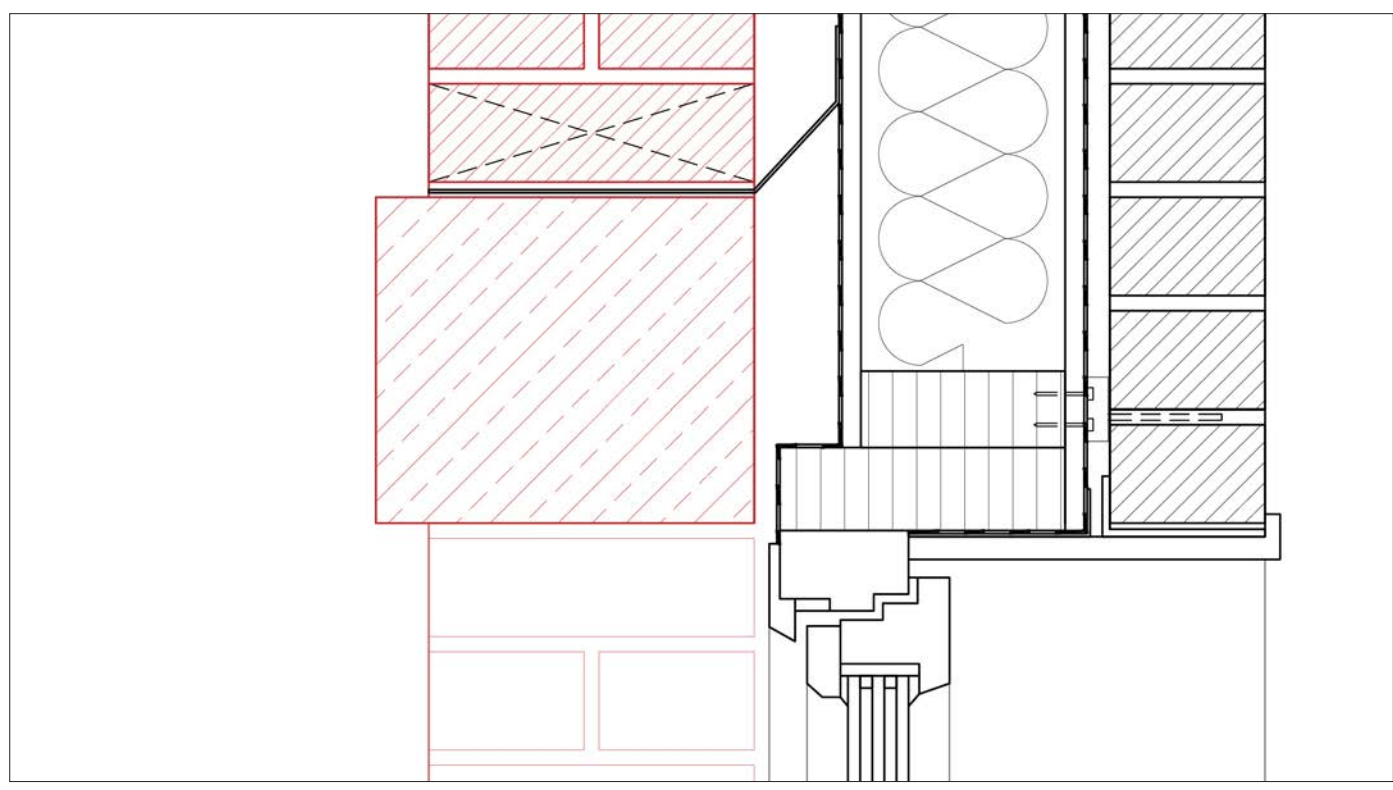
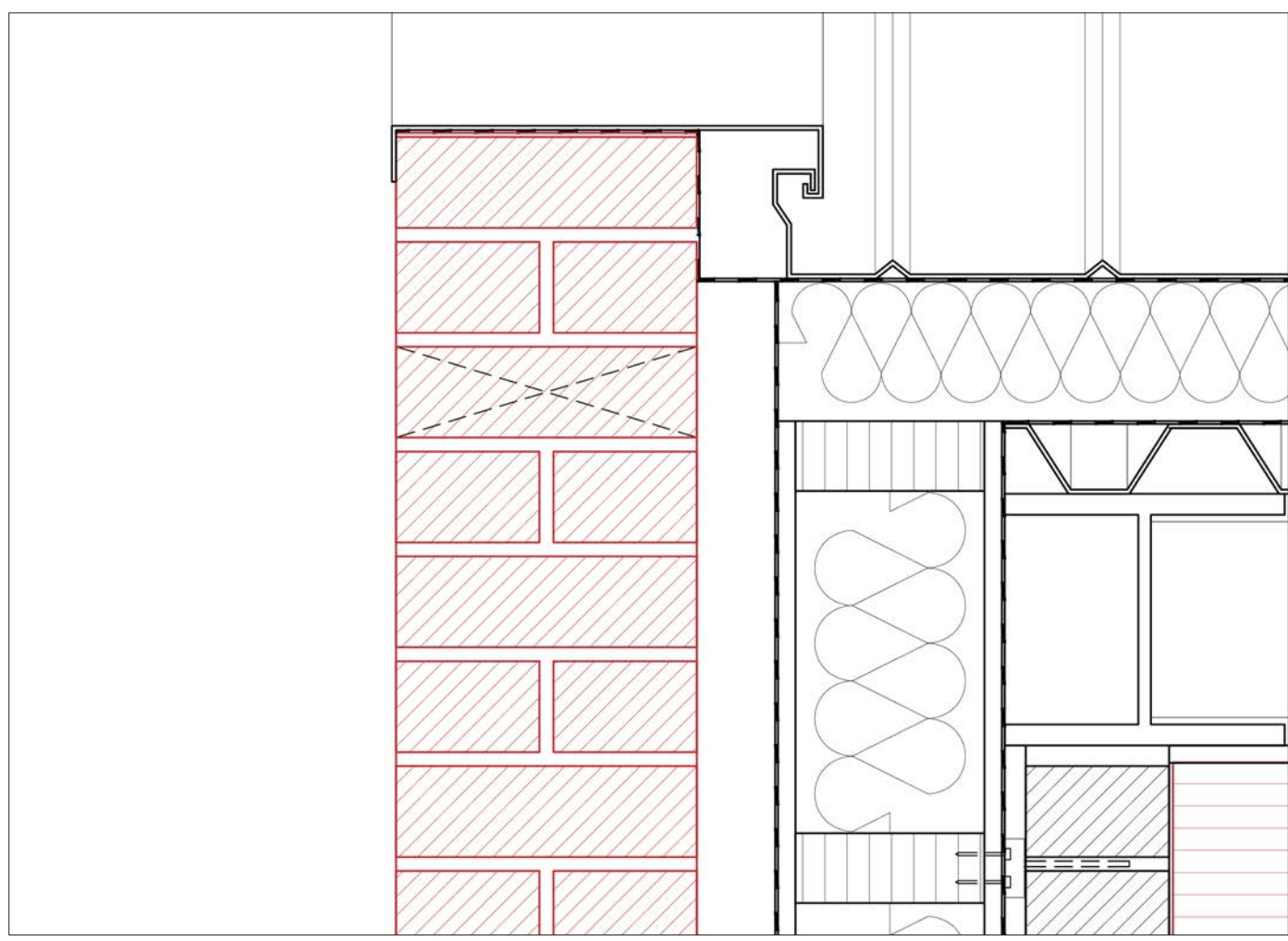
4 Old wall construction:  
 Existing brick wall, English bond  
 55 mm cavity  
 Flashing  
 Housewrap/building paper  
 12.5mm plywood insulated(?) sheathing  
 135mm wood stud with insulation  
 12.5mm plywood sheathing  
 Vapour barrier  
 42/14mm brick tie, 75mm long, 450mm vertical spacing  
 102.5/65mm brick, stretcher bond, 10mm mortar joints

5 Old roof construction:  
 Corrugated aluminium sheet, standing seam roof system, black paint finish  
 Waterproof layer  
 100mm insulation layer with aluminium roof clips  
 Vapour barrier  
 50mm corrugated aluminium sheet  
 C purlins  
 12.5mm plaster board  
 Existing timber truss

6 Old floor construction:

150mm bed of gravel





22mm oak parquet  
 25mm screed with underfloor heating  
 Vapour barrier  
 25mm impact sound insulation  
 100mm laminated timber sheathing  
 200mm existing I beams with insulation  
 175mm insulation layer  
 Waterproof layer  
 200mm existing concrete slab  
  
 7 New brick wall construction:  
 102.5/65mm brick, stretcher bond, 10mm mortar joints  
 55 mm cavity  
 Flashing  
 42/14mm brick tie, 75mm long, 450mm vertical spacing  
 Housewrap/building paper  
 12.5mm plywood insulated sheathing  
 135mm wood stud with insulation  
 12.5mm plywood sheathing  
 Vapour barrier  
 42/14mm brick tie, 75mm long, 450mm vertical spacing  
 102.5/65mm brick, stretcher bond, 10mm mortar joints

