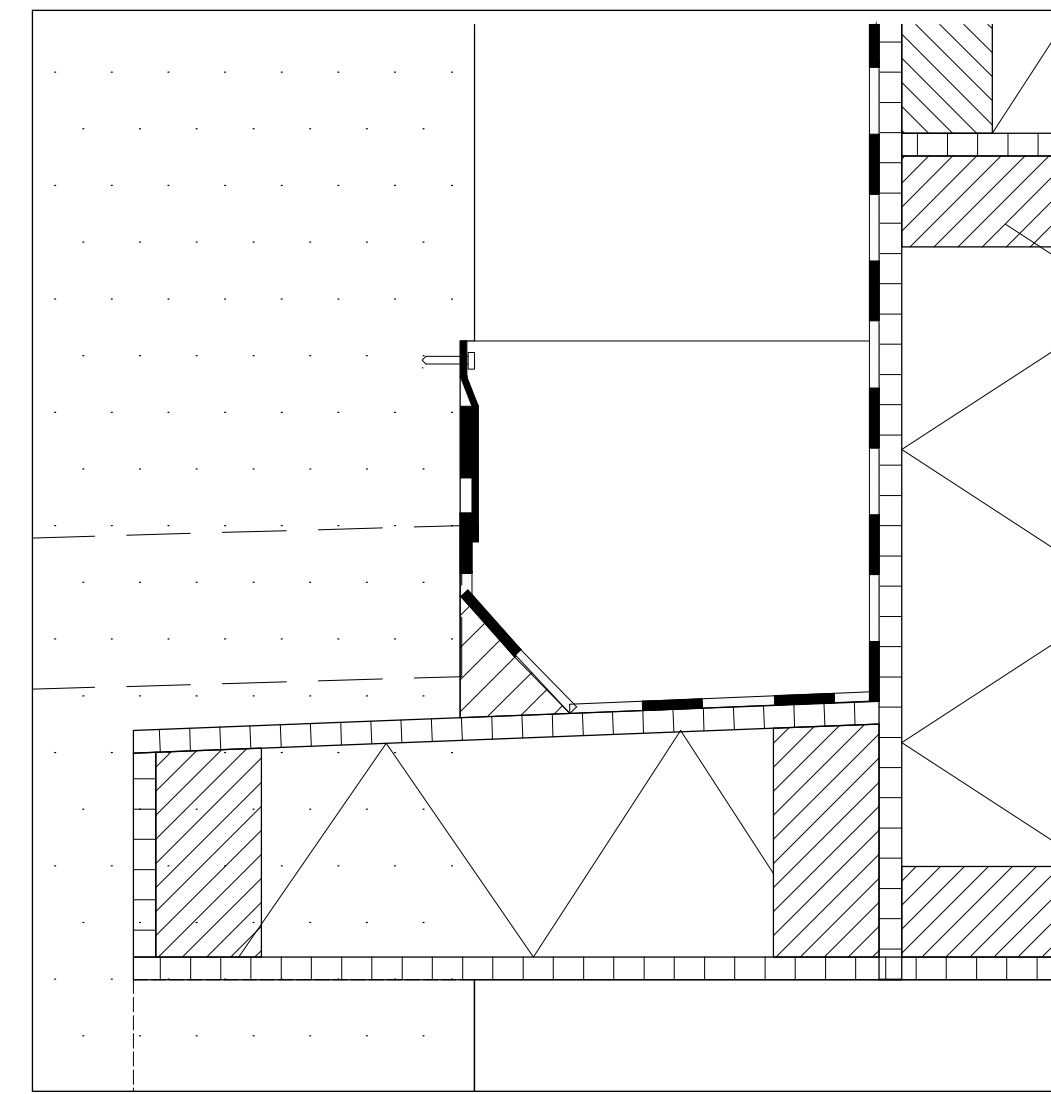
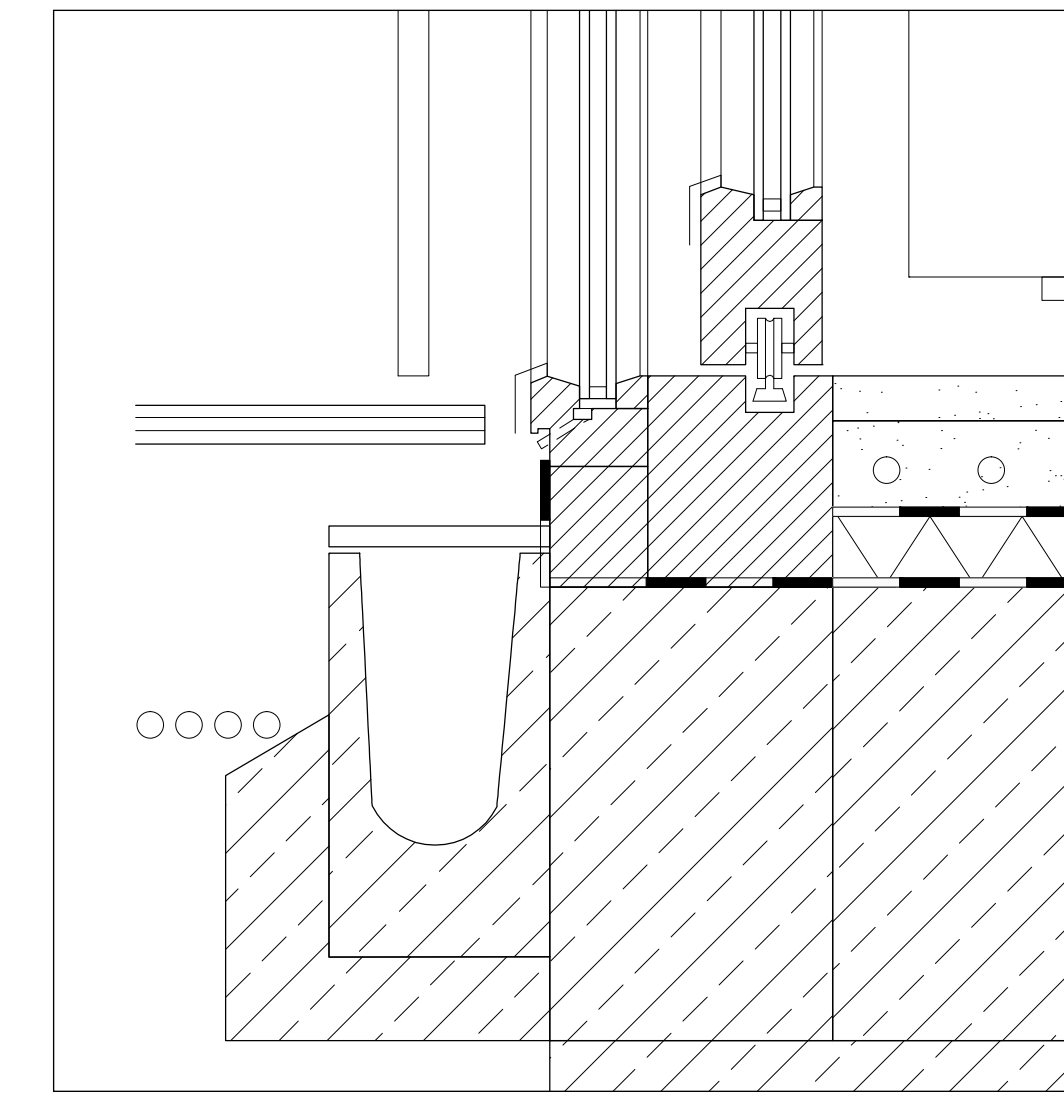


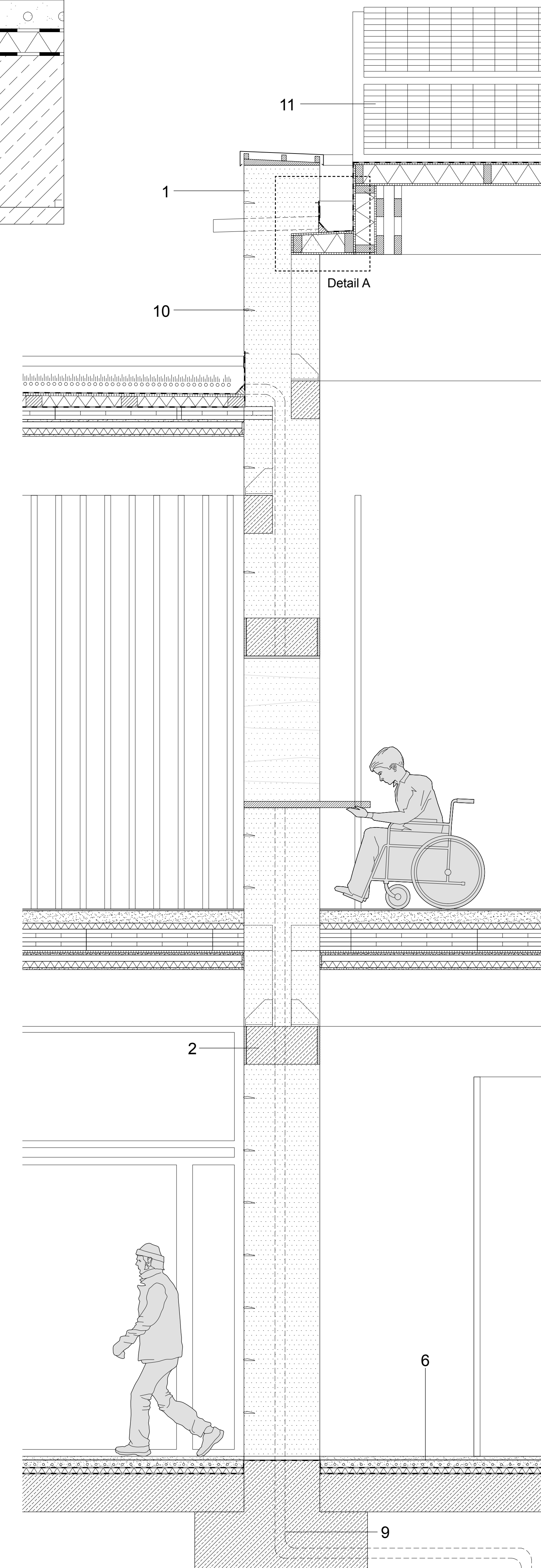
Horizontal Section 1:20



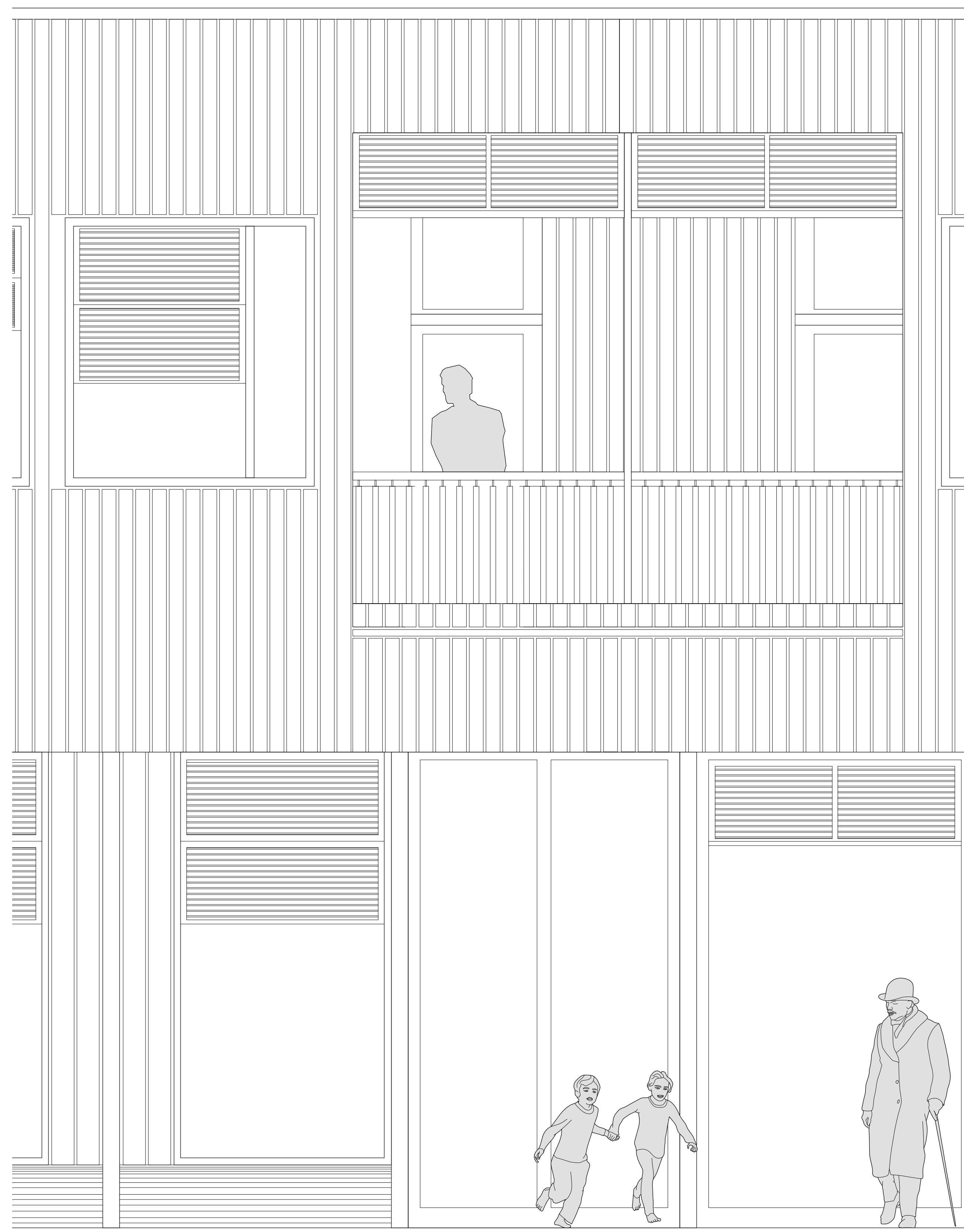
Detail A 1:5



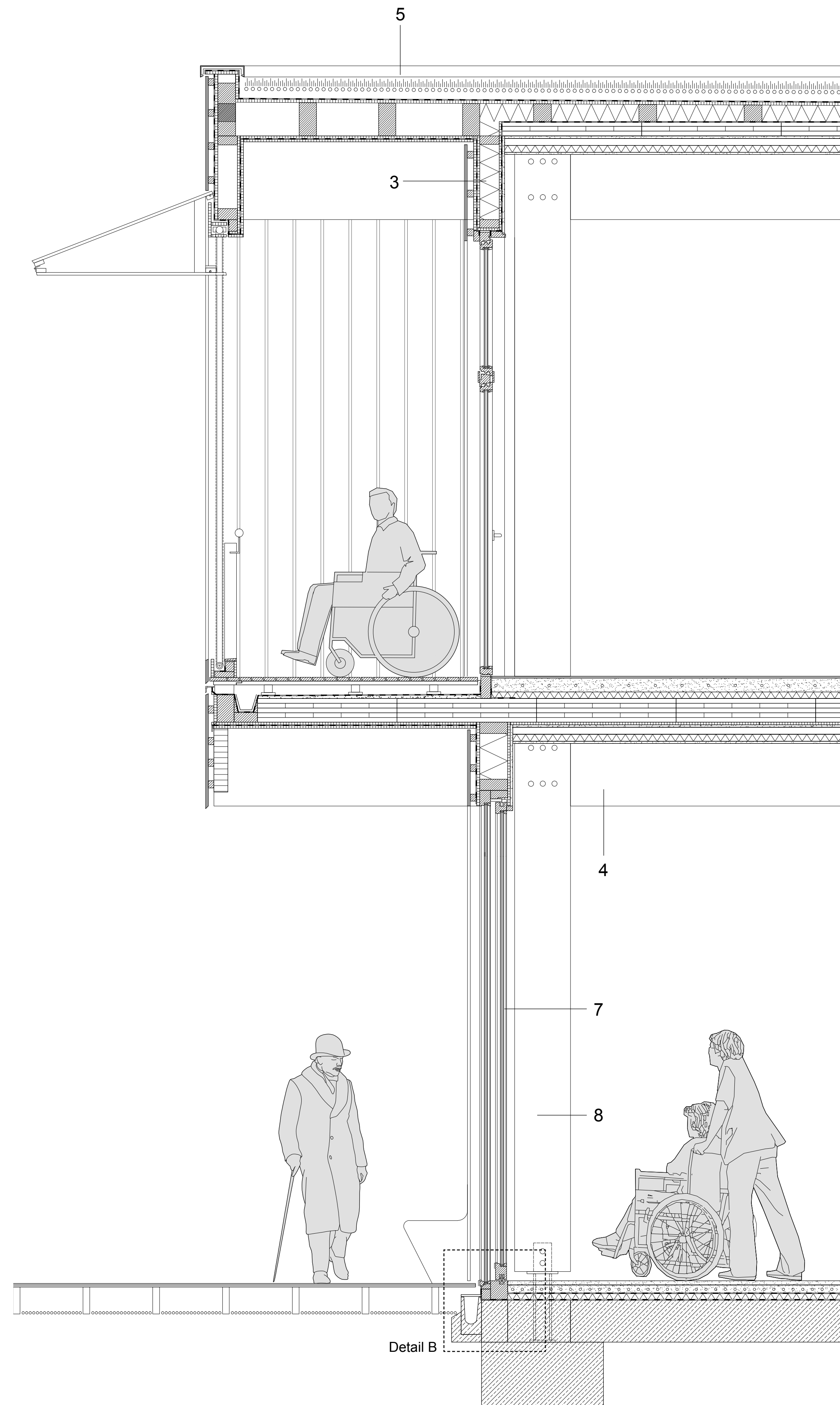
Detail B 1:5



Vertical Section B-B 1:20



Elevation 1:20



Vertical Section A-A 1:20

1. 600 mm rammed earth wall
2. 300 mm/560 mm reinforced concrete beam
3. 100-160/20 mm softwood boarding
40/50 mm battens / ventilated cavity
18 mm soft wood
facade membrane, moisture-diffusing
22 mm wood-fibre sheathing
140 mm insulation
18 mm softwood
10 mm vapour barrier
18 mm gypsum fibre-board
1 mm white painted plaster finish
4. 200 mm/600 mm laminated timber beams
5. 80 mm extensive green roof
10 mm drainage layer, protective mat
30 mm timber roof decking
120 mm insulation
10 mm vapour barrier
102 mm three-layer CLT board
18 mm gypsum fibre-board
50 mm service void
50 mm cavity insulation/suspended ceiling spring clips
15 mm plasterboard
6. 100 mm rammed-earth floor, with vegetable-based hot wax, cork-trass-loam mixture as levelling underfloor cooling pipes in 70mm screed
10 mm vapour barrier
50 mm insulation
10 mm vapour barrier
7. sliding glass door, double glazing
8. 400 mm/ 400 mm timber column
9. drainage pipe in rammed earth wall
10. trass-cement erosion-resistant layer
11. solar panel