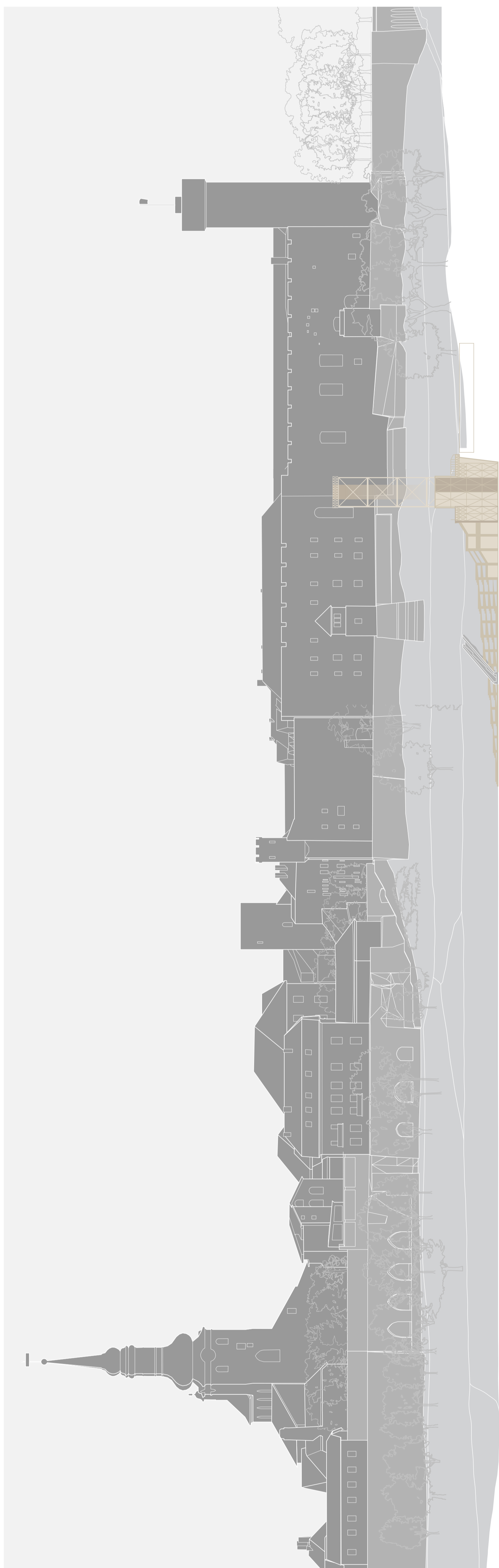


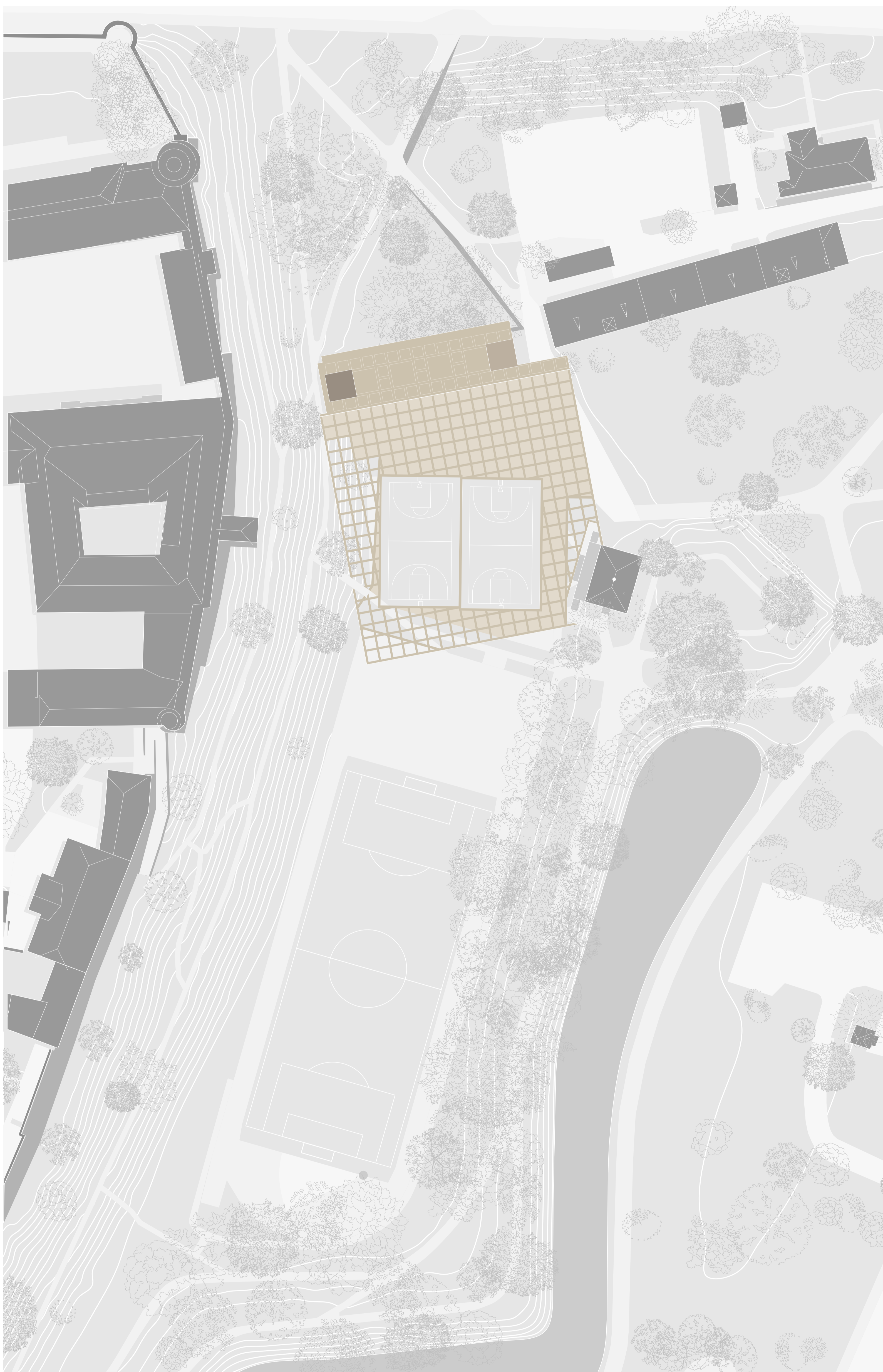


17m AOD South elevation

17m AOD



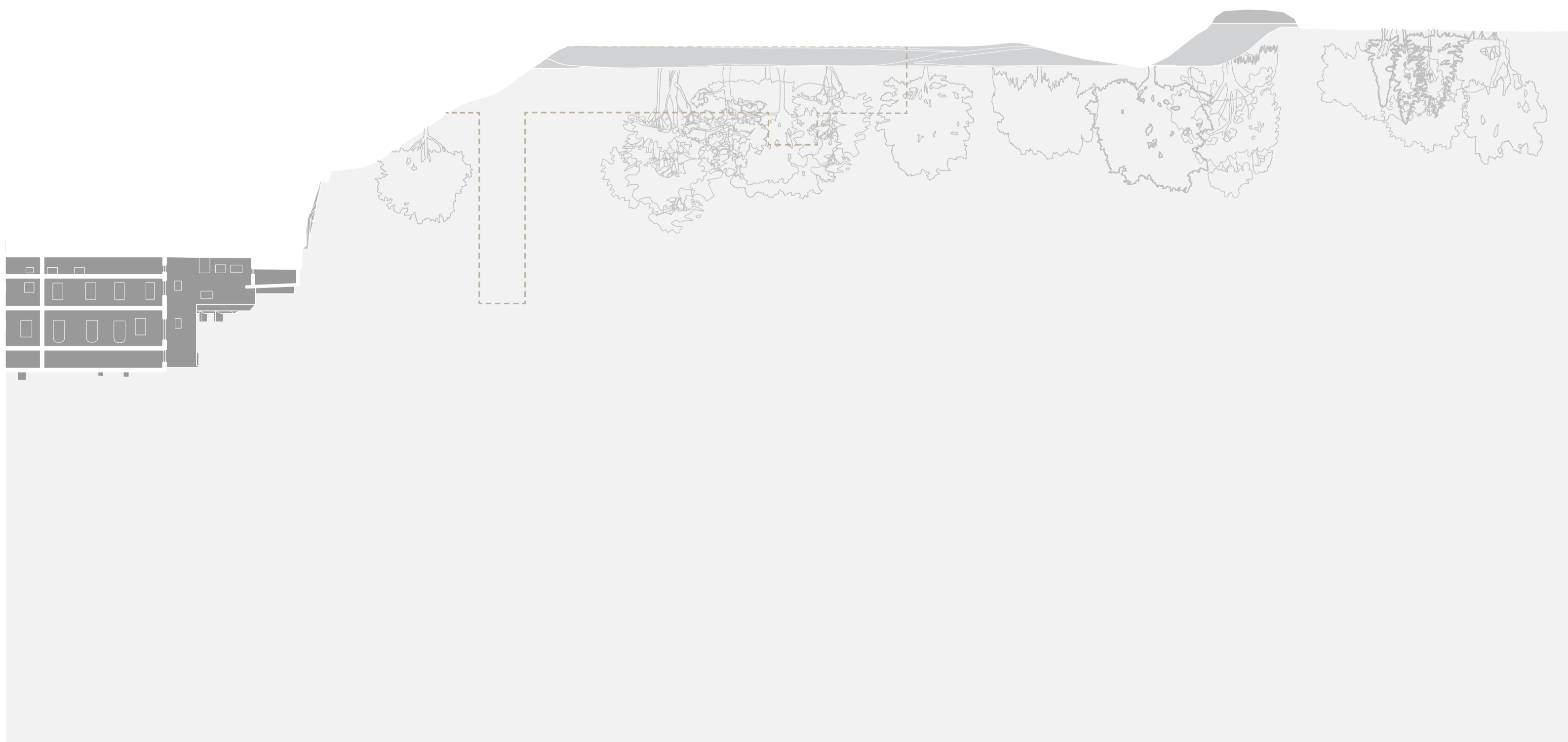
East elevation



Site plan



West elevation

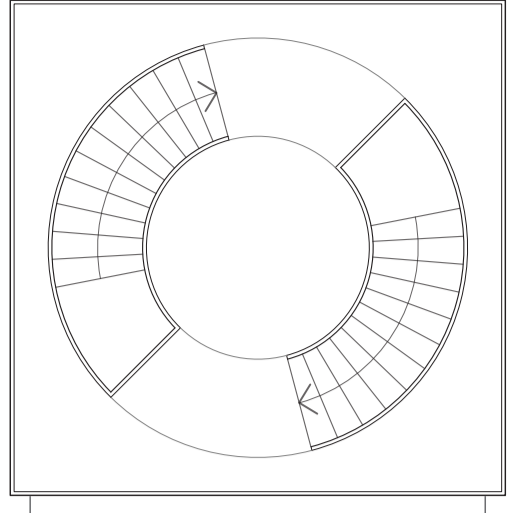


North elevation

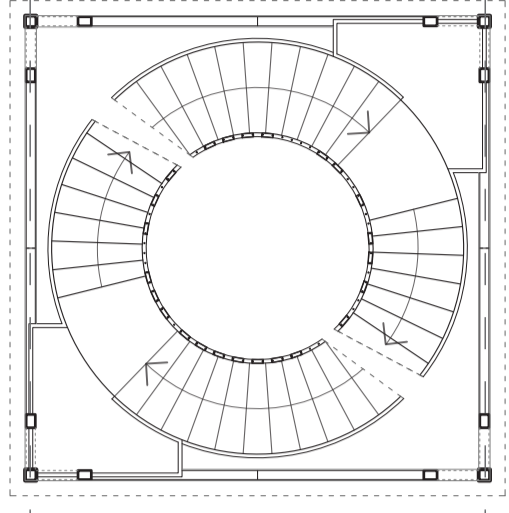
17m AOD

THE SITE // FOLD-OUT PLAN

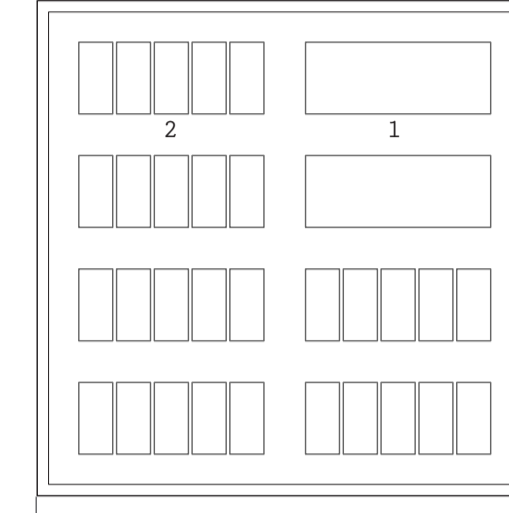




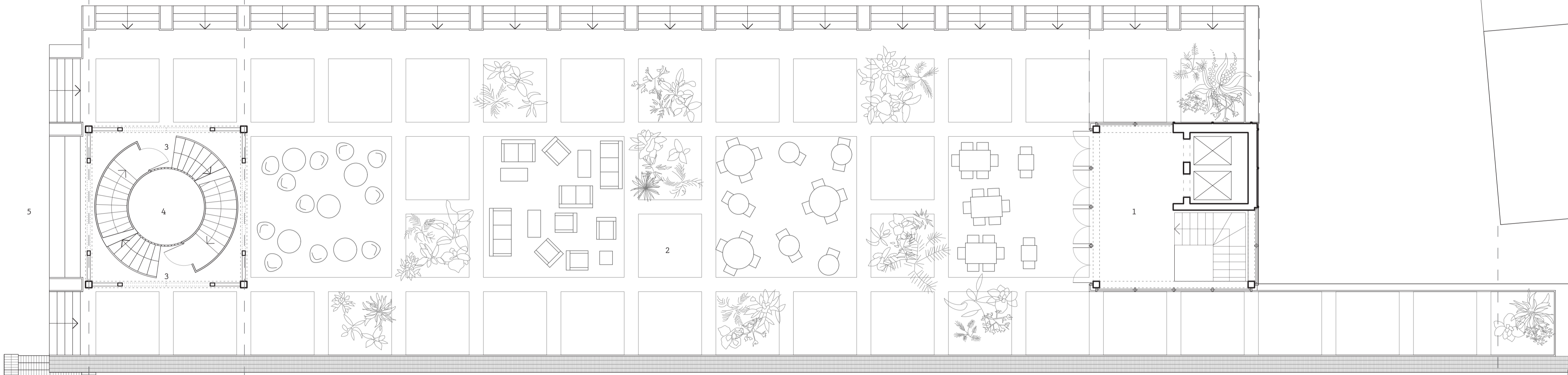
Viewing platform plan



Typical tower plan

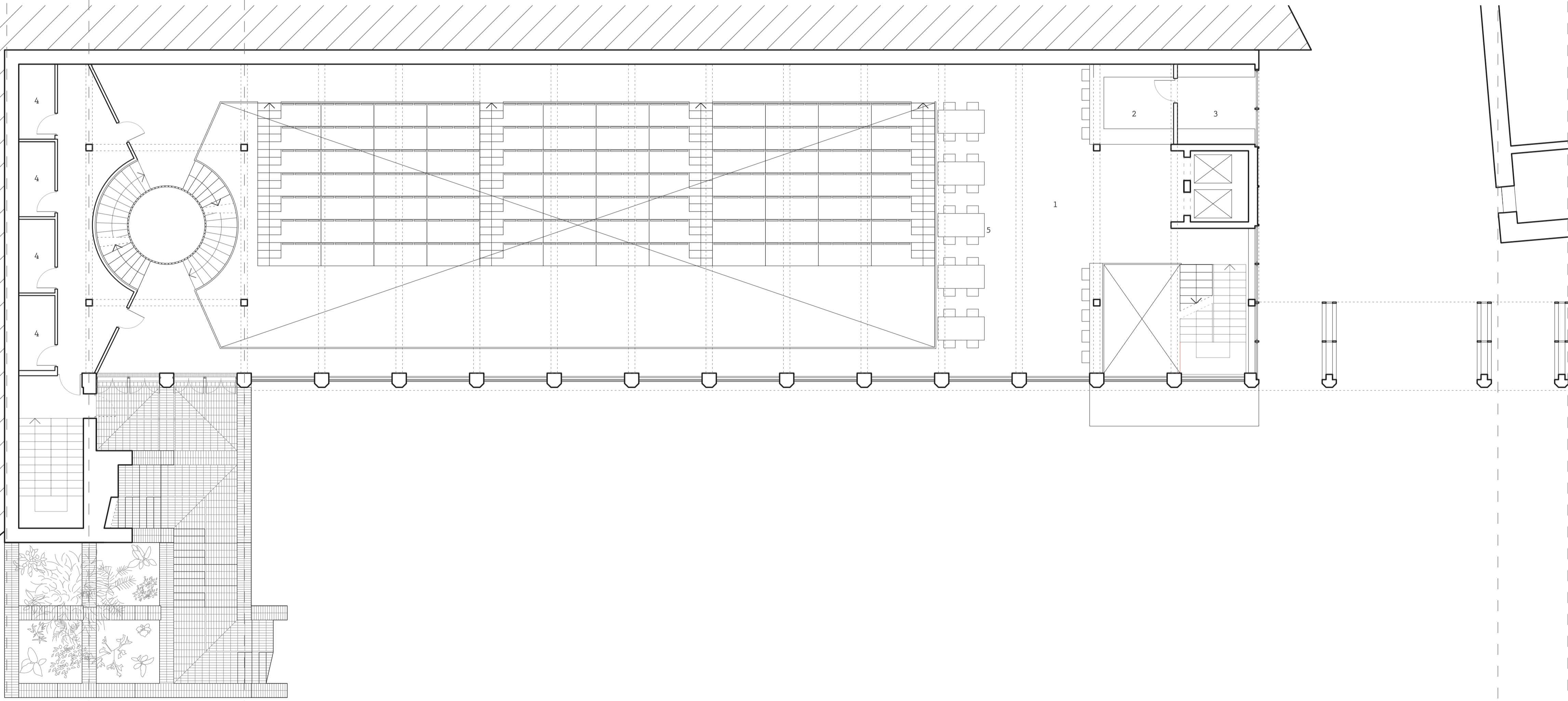


Shaft roof plan  
1 Air source heat pump  
2 Solar panels



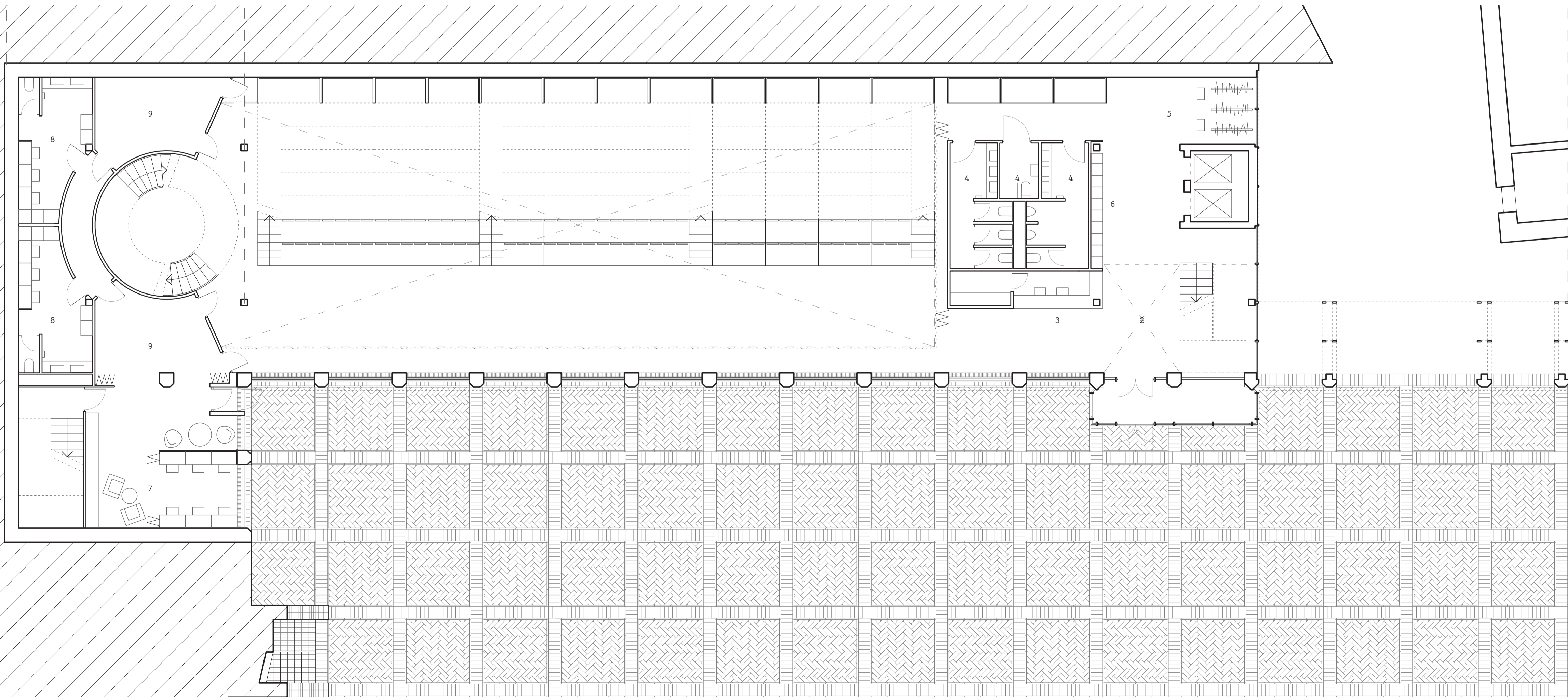
Roof plan

1 Lobby  
2 Roof terrace  
3 Tower entrances  
4 Operable rooflight  
5 Public footpath



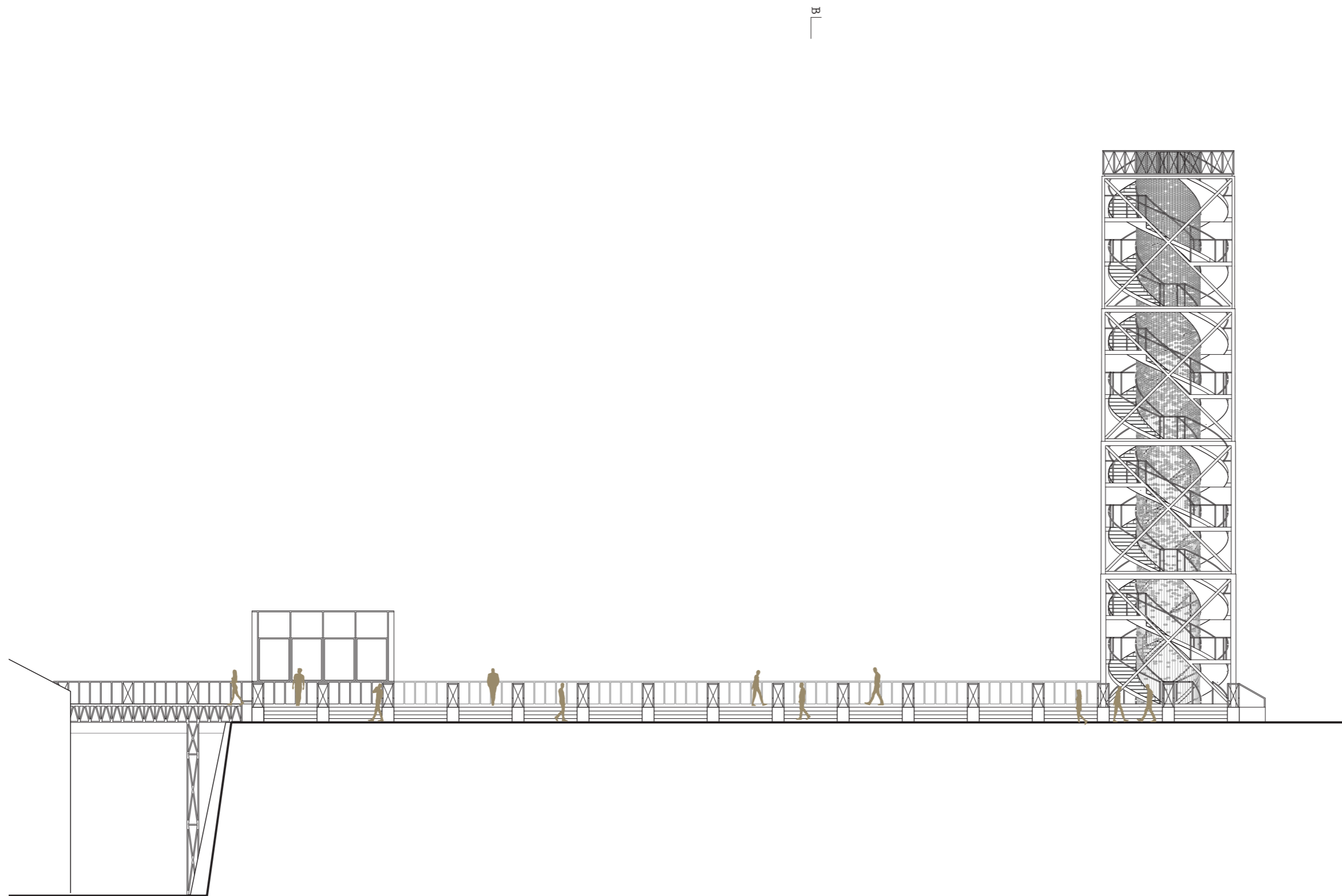
Mezzanine plan

1 Cafe  
2 Bar  
3 Kitchen  
4 Technical rooms  
5 Auditorium

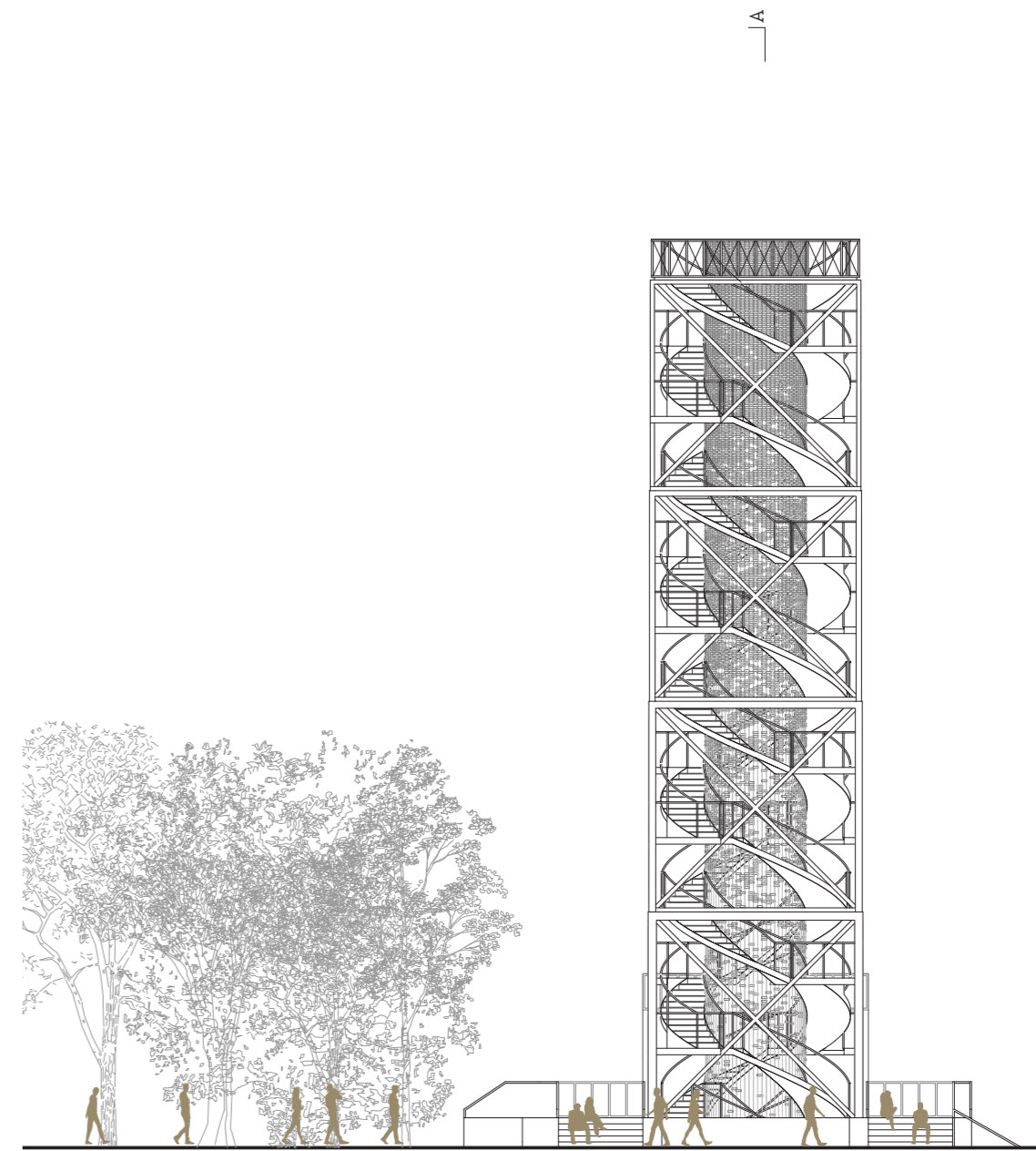


Ground floor plan

1 Entrance  
2 Lobby  
3 Reception  
4 Restrooms  
5 Cloakroom  
6 Lockers  
7 Offices  
8 Dressing room  
9 Workshop // Storage area



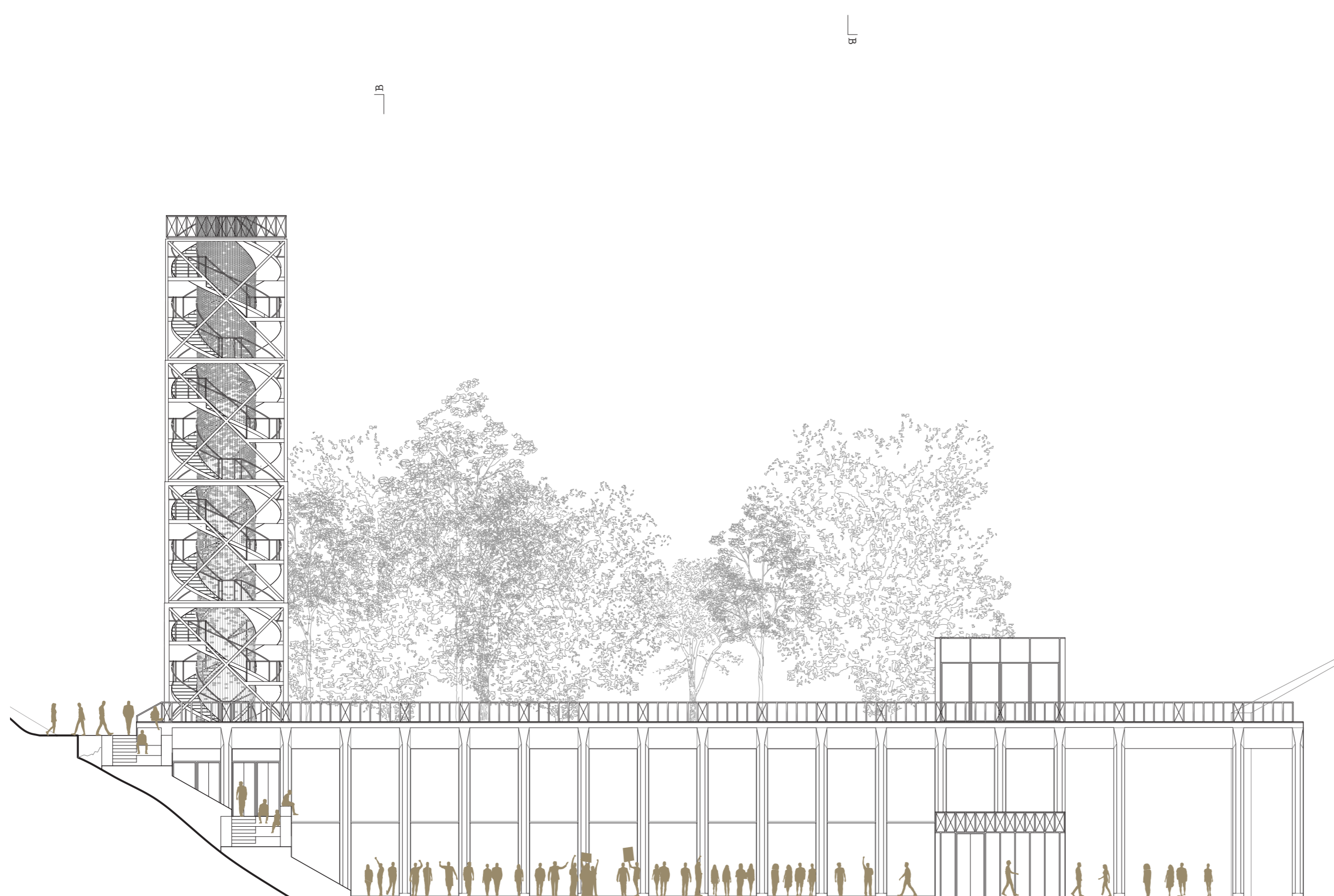
South elevation



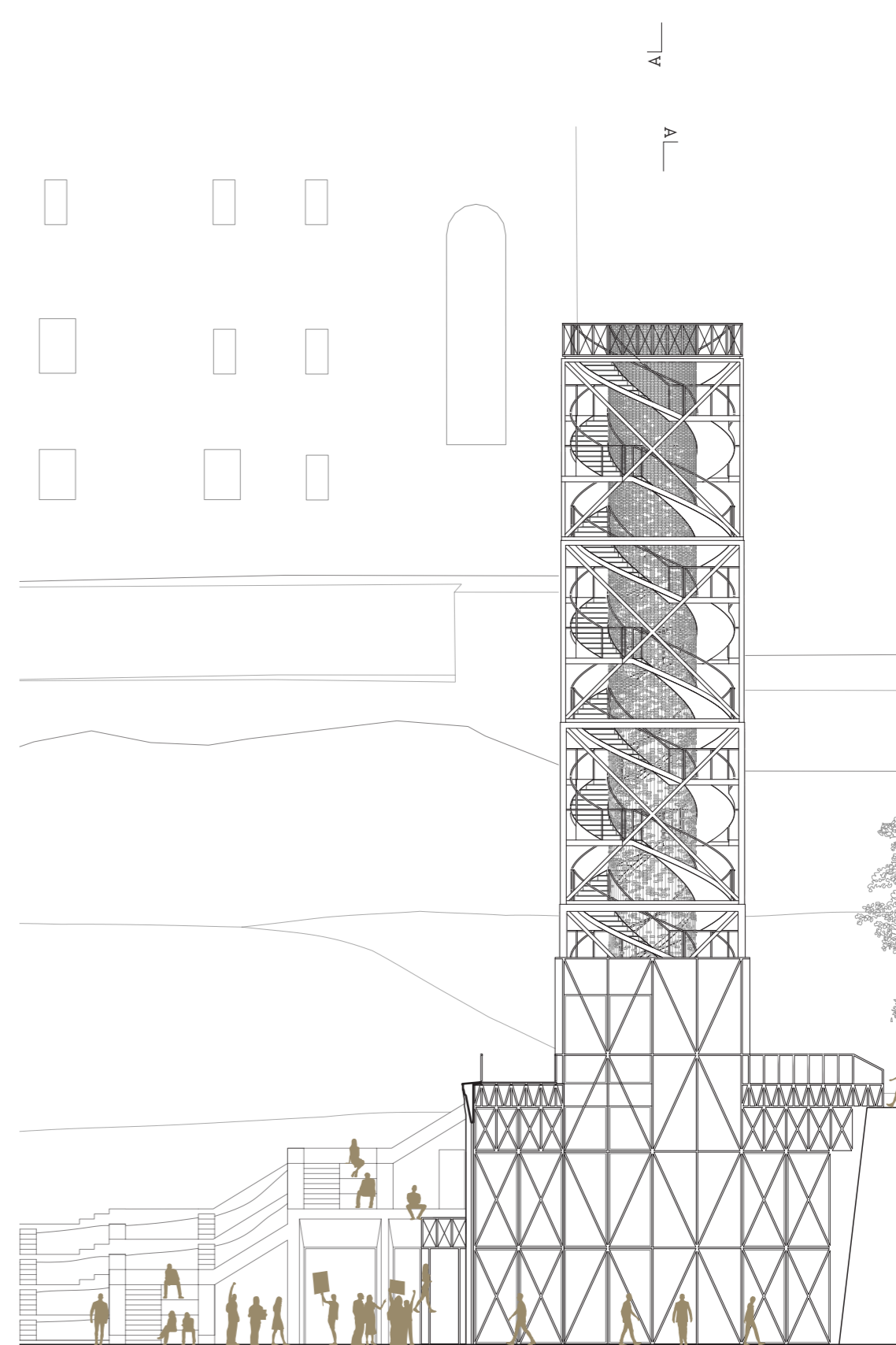
1:200

East elevation

1:200



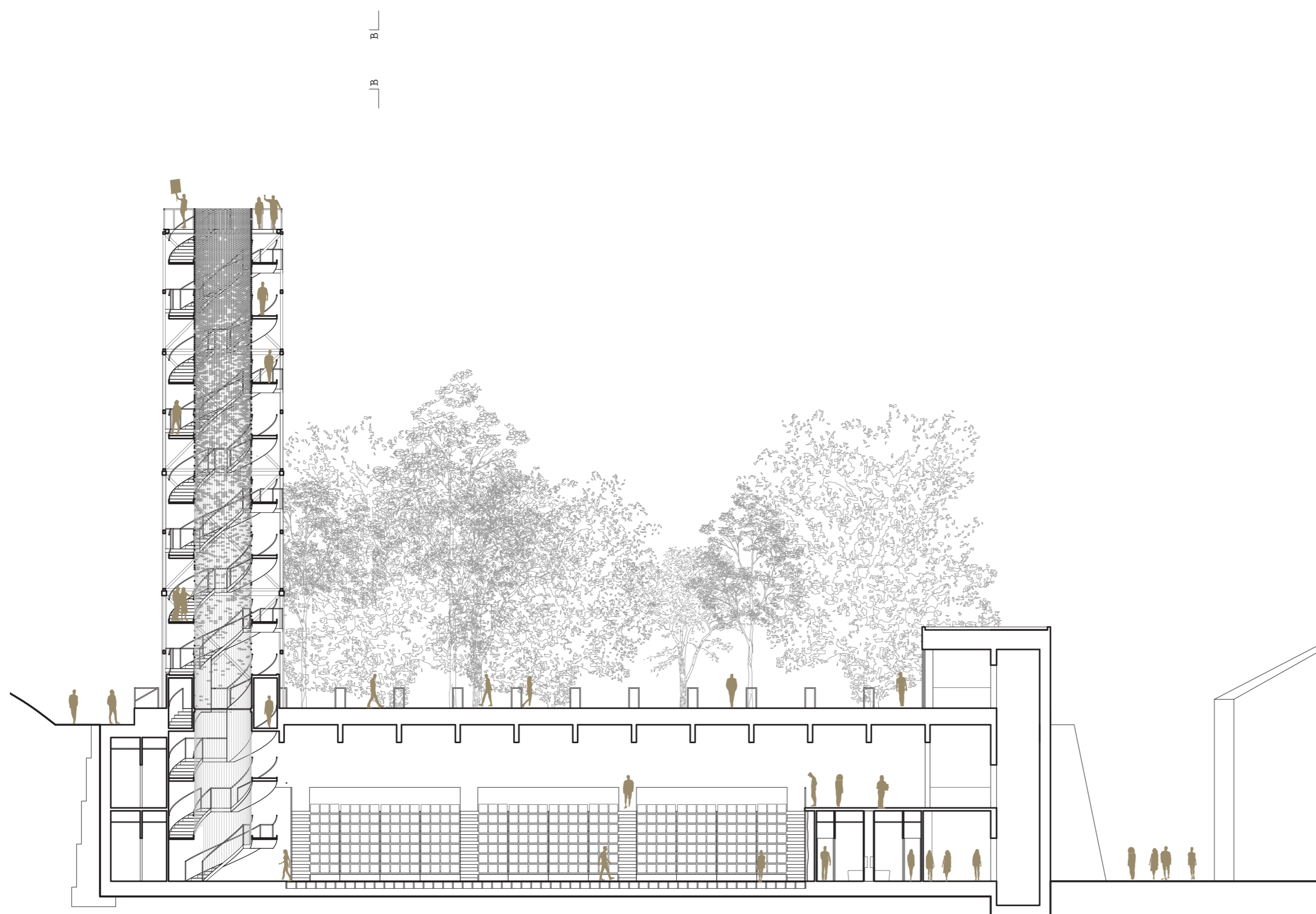
North elevation



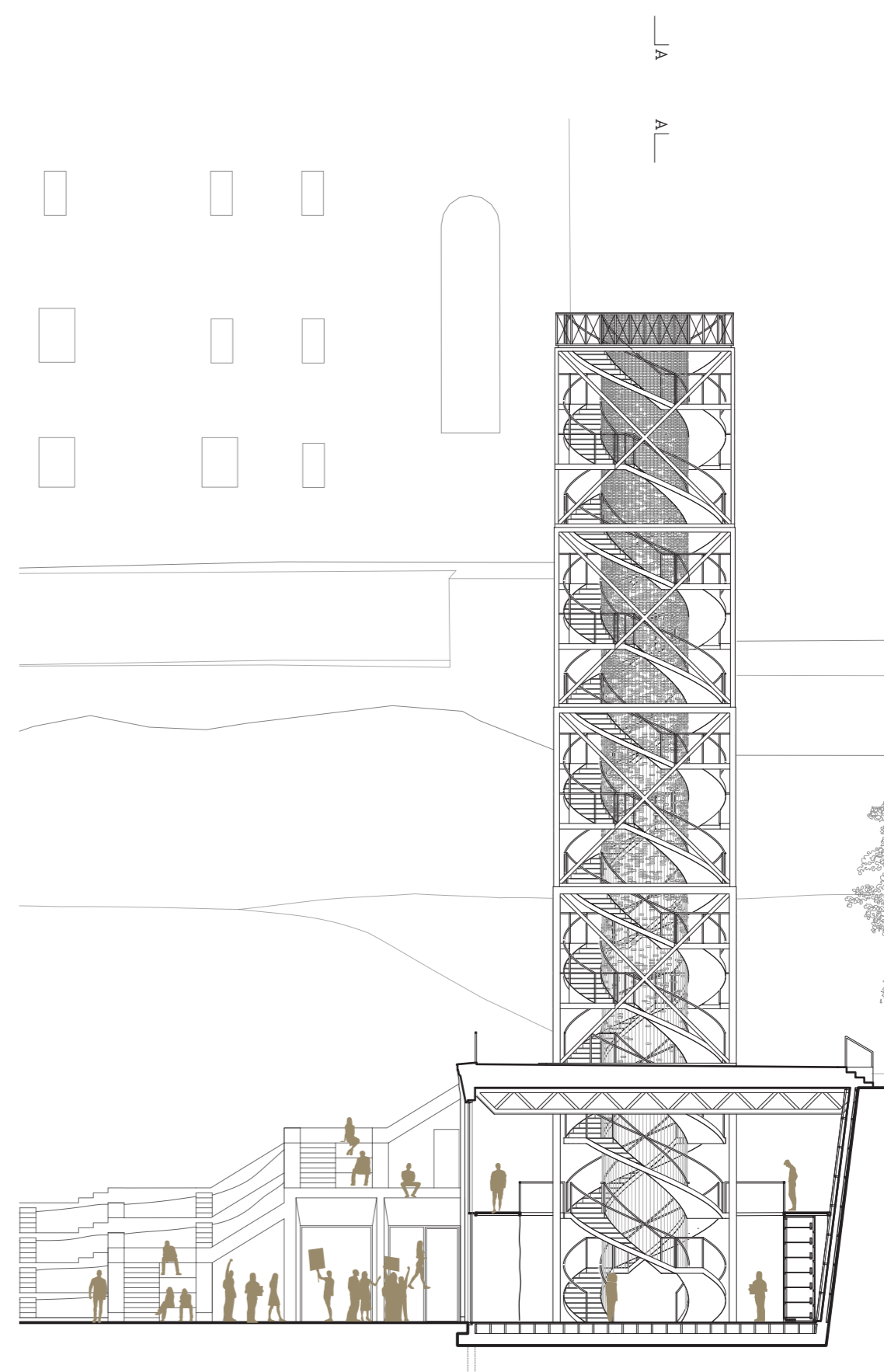
1:200

West elevation

1:200



Longitudinal section A-A



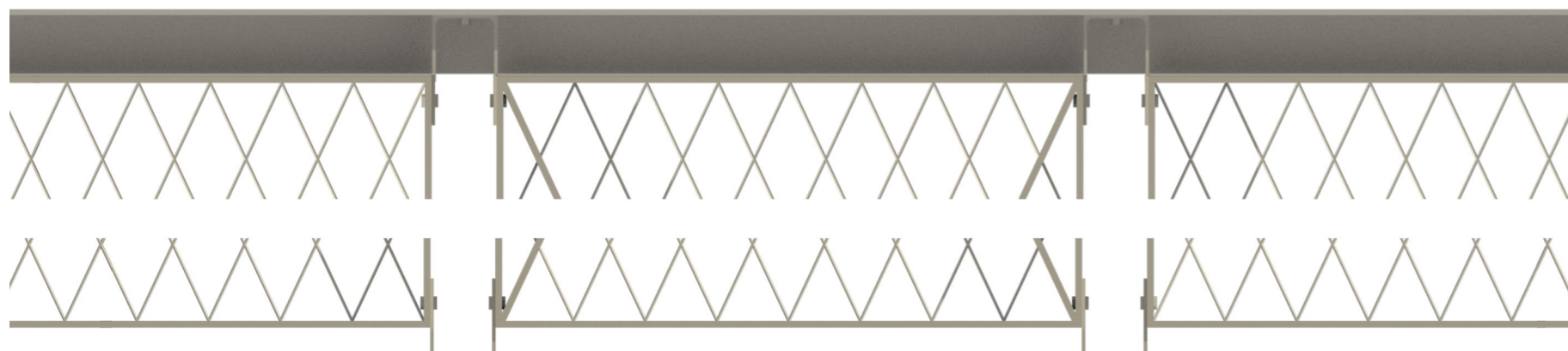
1:200

Transversal section B-B

1:200

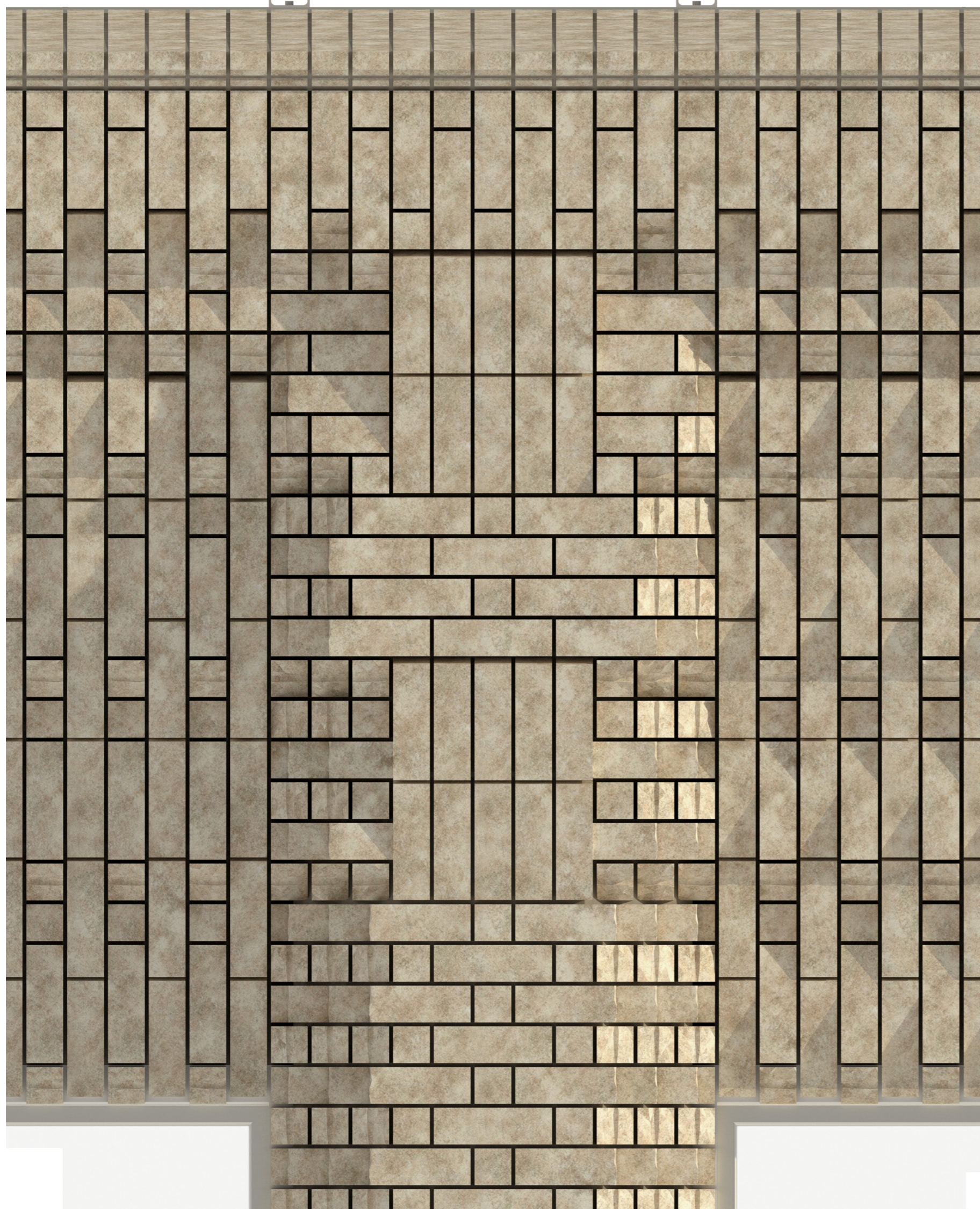
THE BUILDING // ELEVATIONS & SECTIONS



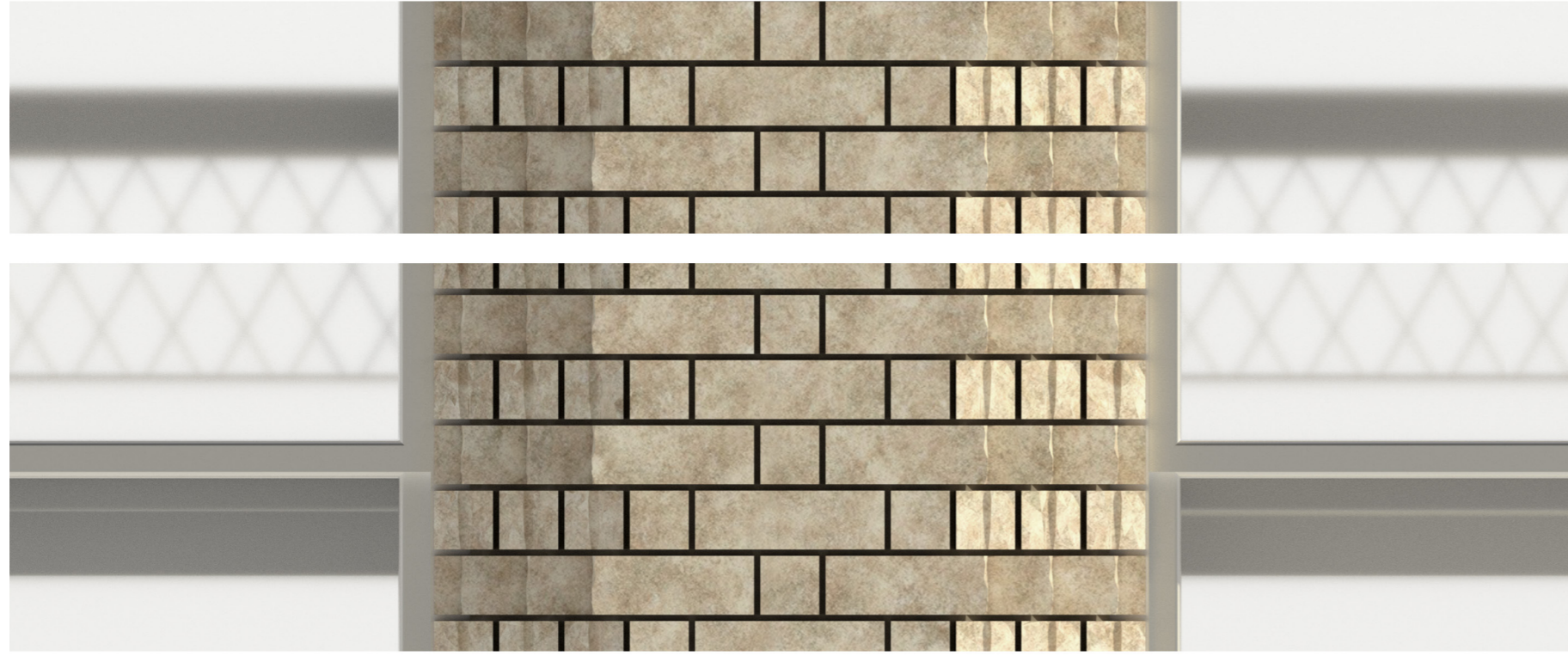
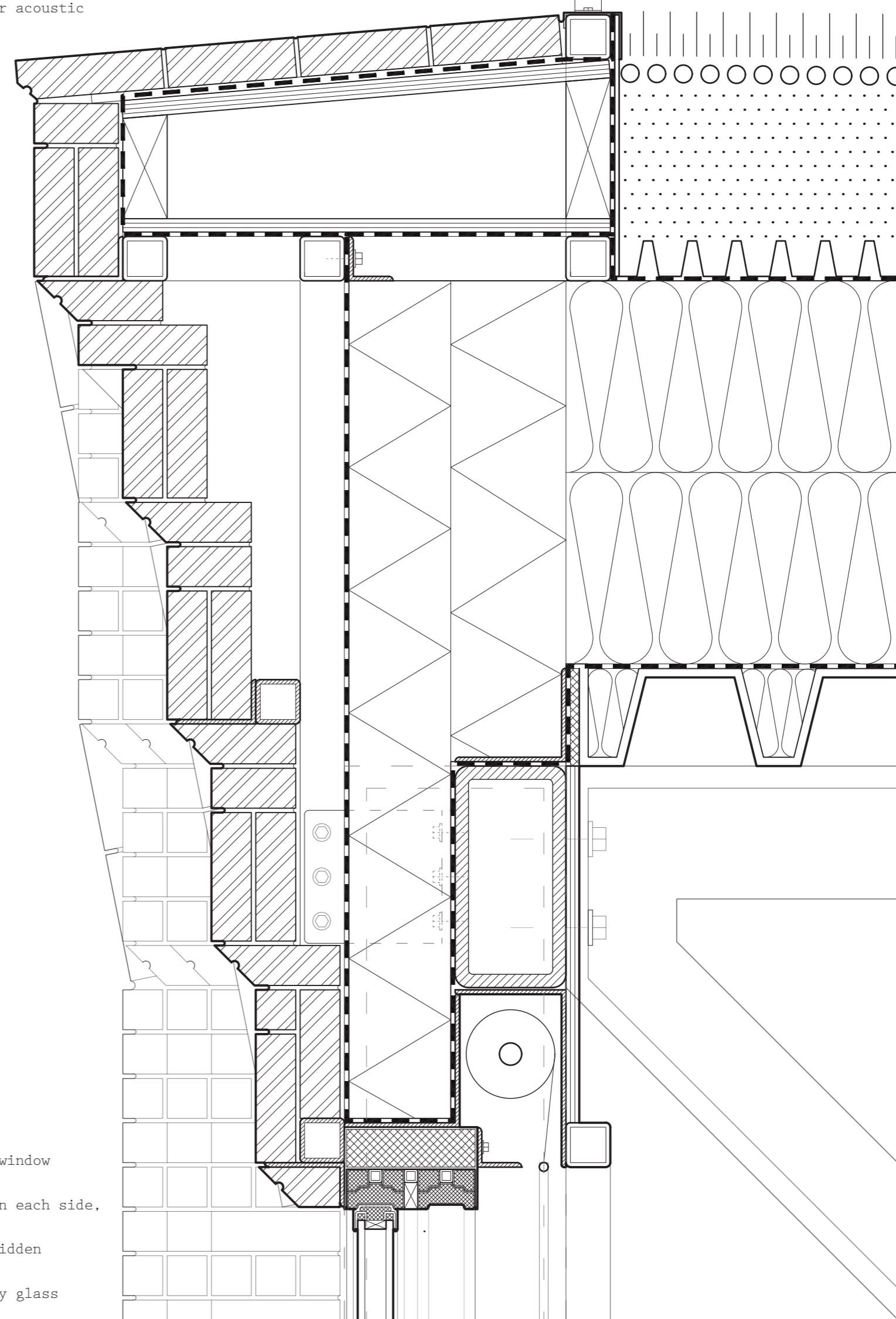


**Cornice detail**  
 150x50x50 Limestone bricks cut from mining waste, crushed at 45° angle where needed  
 50x50mm SHS subframe (welded) bolted to primary structure  
 Waterproof membrane  
 120mm XPS insulation  
 Vapour barrier  
 125x250mm Hollow steel beam  
 25 mm Baltic birch plywood panel, perforated for acoustic

**Roof detail**  
 200mm Intensive roof build-up  
 50 mm Drainage filter layer  
 Waterproof membrane  
 200mm (minimum) mineral wool insulation laid to falls  
 vapour barrier  
 100mm Acoustical metal decking with acoustic insulation



**Window detail**  
 Vitrosa guillotine window (or equivalent)  
 One counterweight on each side, motorised  
 Double glazing in hidden aluminium frame  
 8mm laminated safety glass  
 16mm argon gap  
 8mm inner pane  
 Motorised blinds in aluminium channel

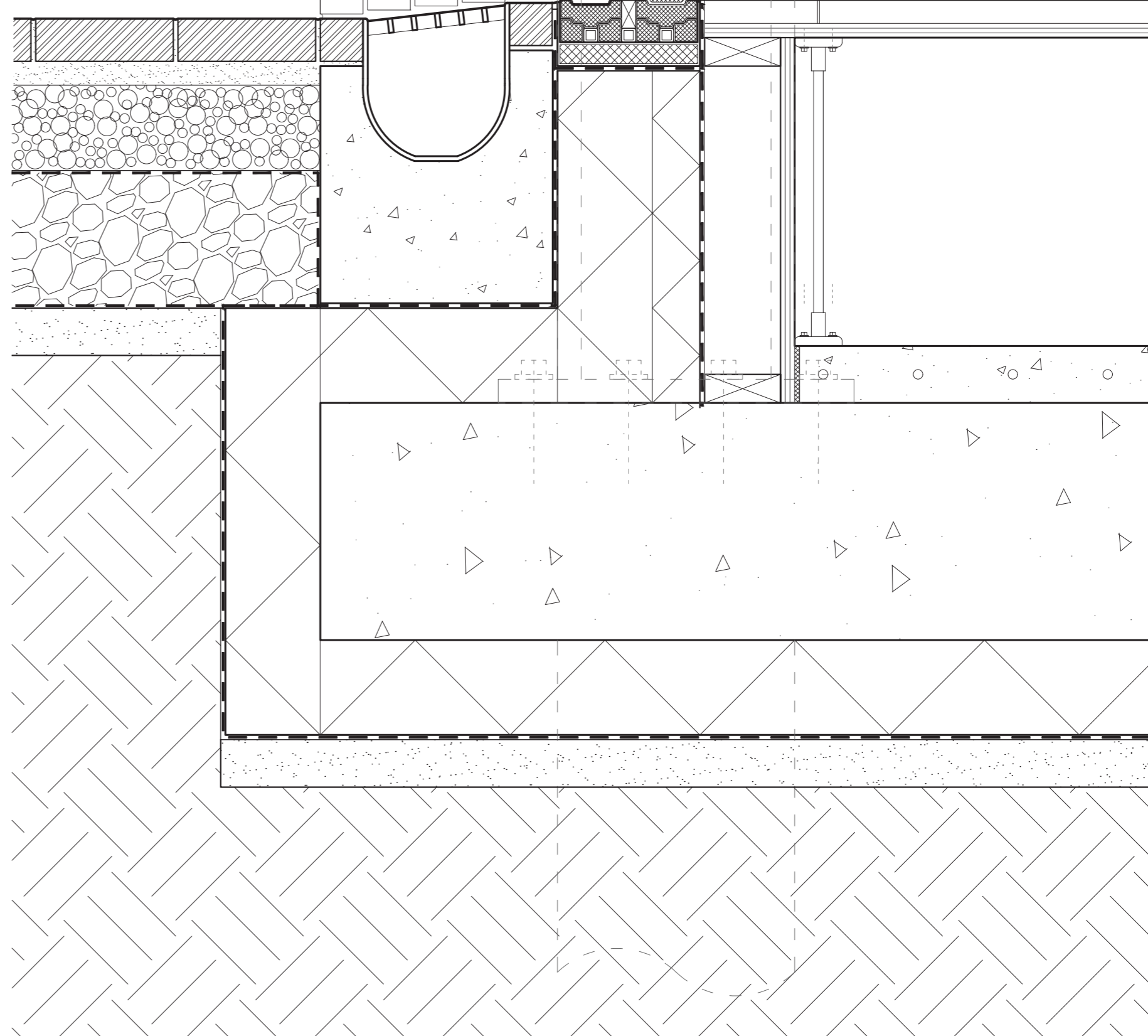
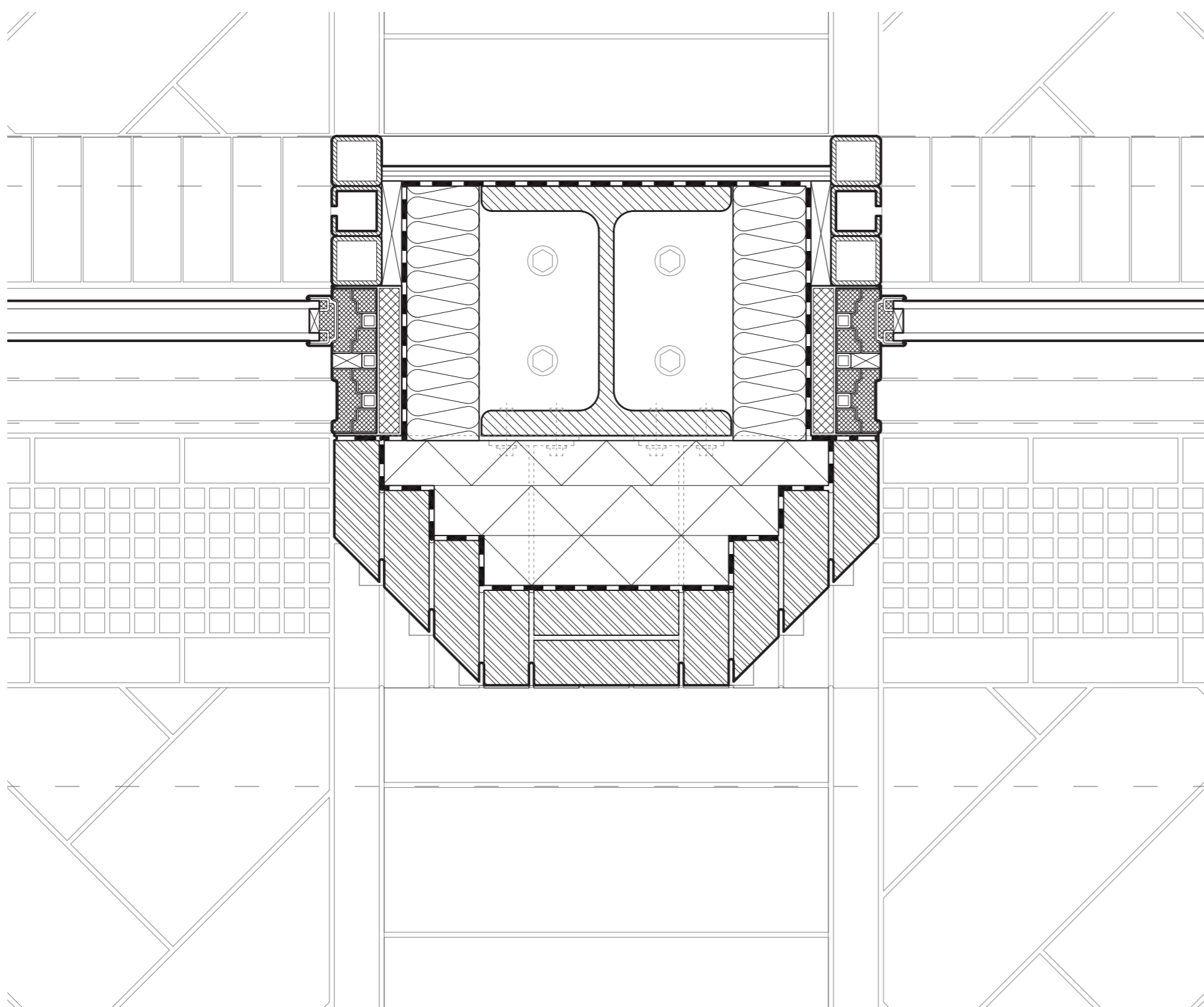


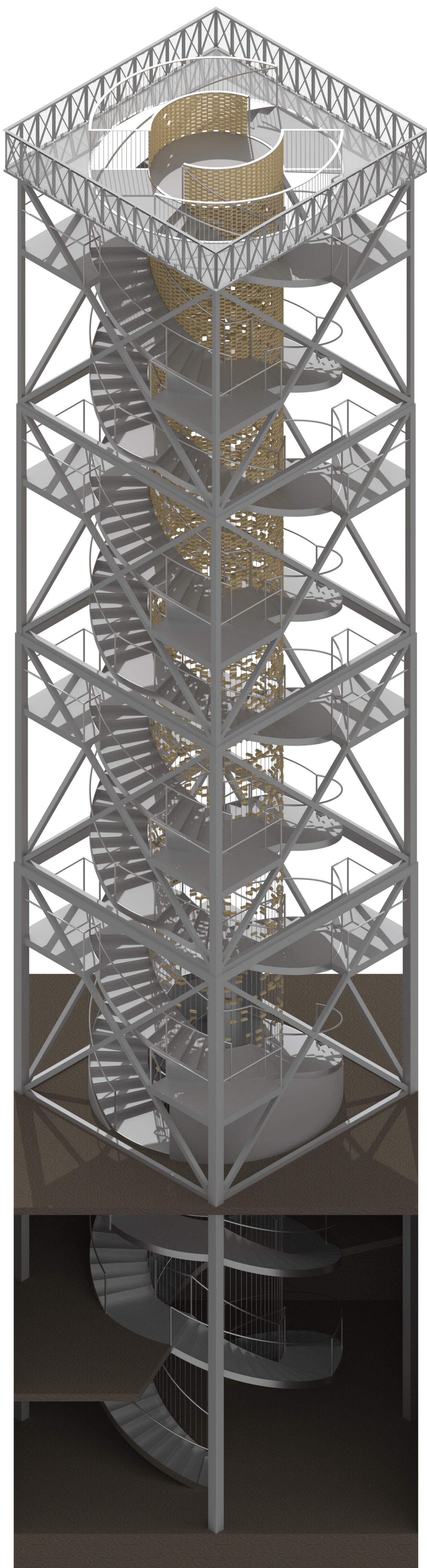
**Mezzanine detail**  
 100x50mm SHS beam spanning between columns  
 50x50mm SHS balcony frame  
 25mm Baltic birch plywood with acoustic perforations  
 Balustrade: 1000x500mm frame made out of 50x5mm galvanised steel flats with net of stainless steel cables  
 Handrail: 75x50 mm Galvanised steel angle, rounded



**Square detail**  
 450x150x50mm frost-resistant dense limestone pavers  
 25mm 0/5 crushed sand  
 90mm 0/32 mineral mixture  
 Geogrid with geotextile  
 140mm 0/32 reinforced ballast base course  
 Geogrid with geotextile  
 50mm Levelling course

**Foundation detail**  
 450x150x25mm Baltic birch plywood herringbone pattern  
 325mm Steel legs with shock-absorbing pads on top  
 60 mm Screed  
 250mm Reinforced concrete slab  
 100mm XPS insulation  
 Waterproof membrane  
 Levelling course





THE TOWER // ISOMETRY