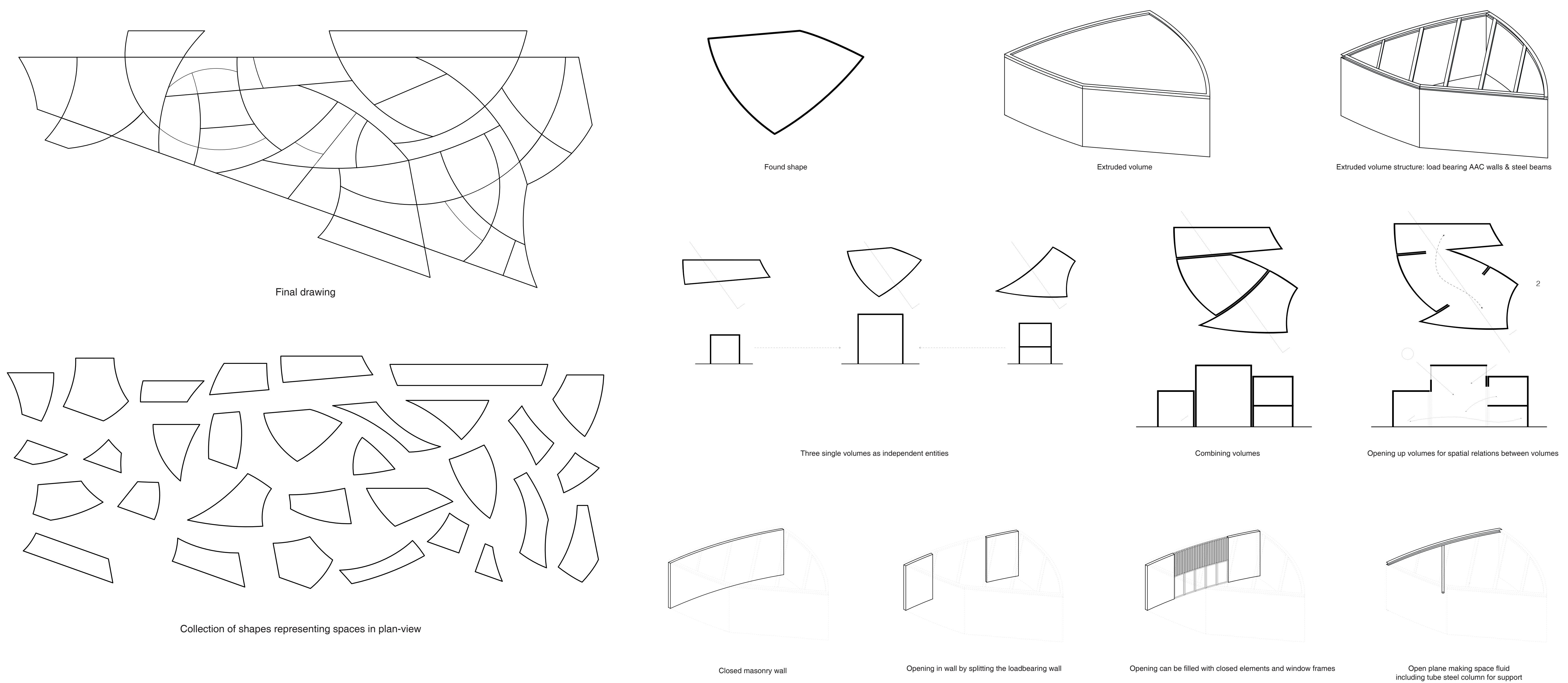


RAVE SPACES

TU Delft
Public Building - "Music Marvel"
Graduation studio 2021-2022
P5 poster presentation

Justin Errami
4591674



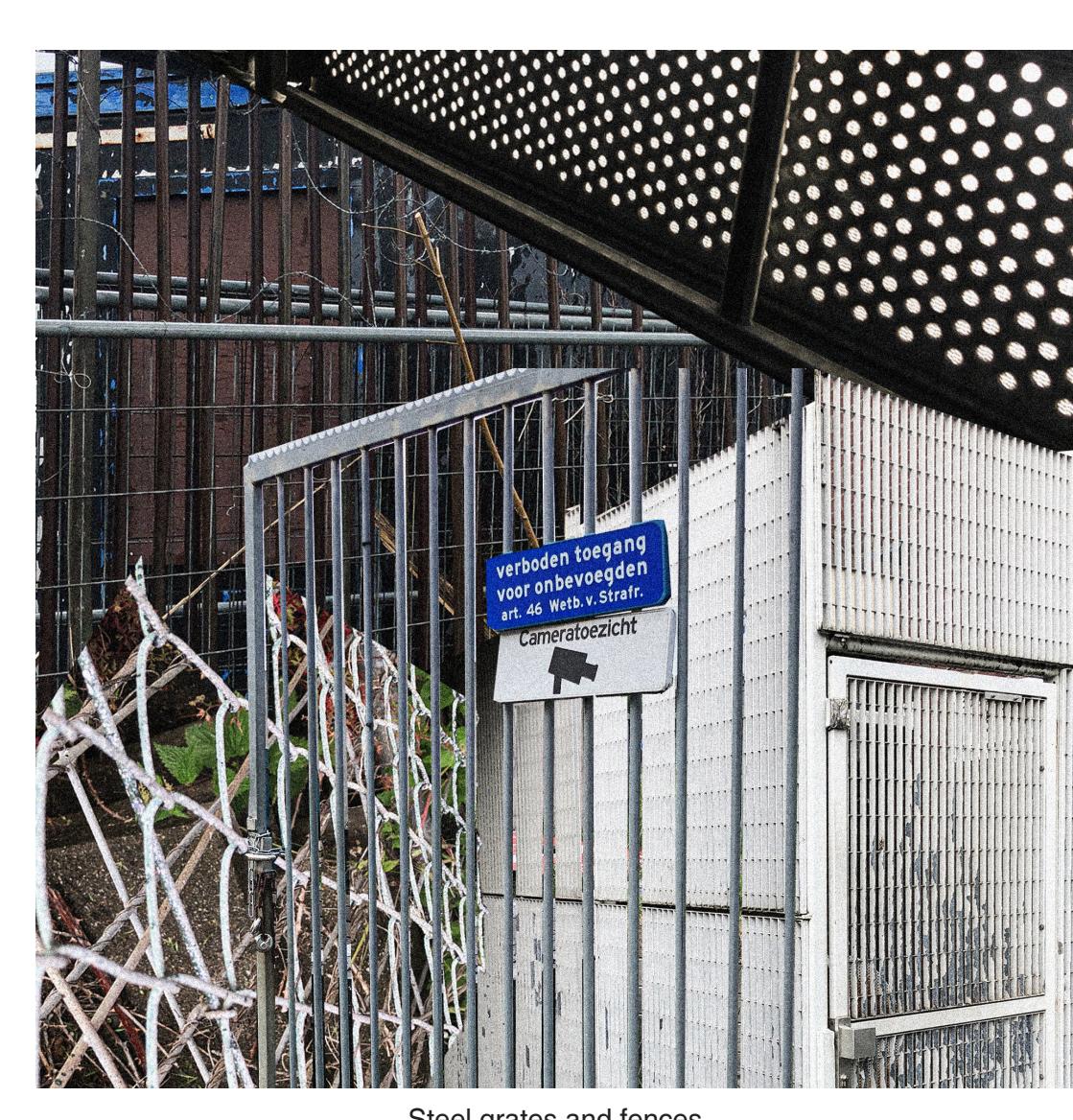
Finding space: drawing -> architecture -> interpreting space



Concrete pavement tiles



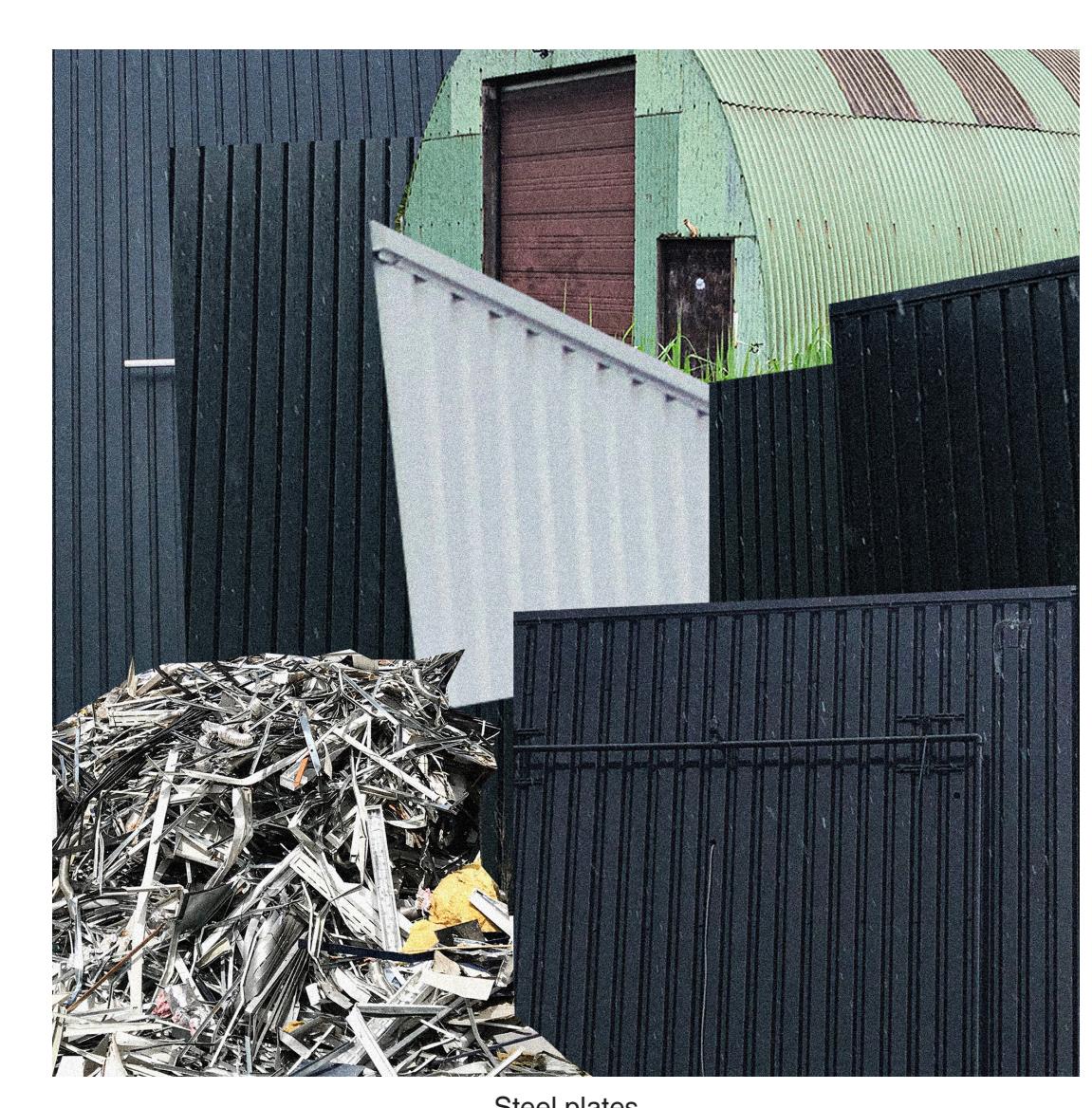
Rubble



Steel grates and fences



Wooden frameworks and panels

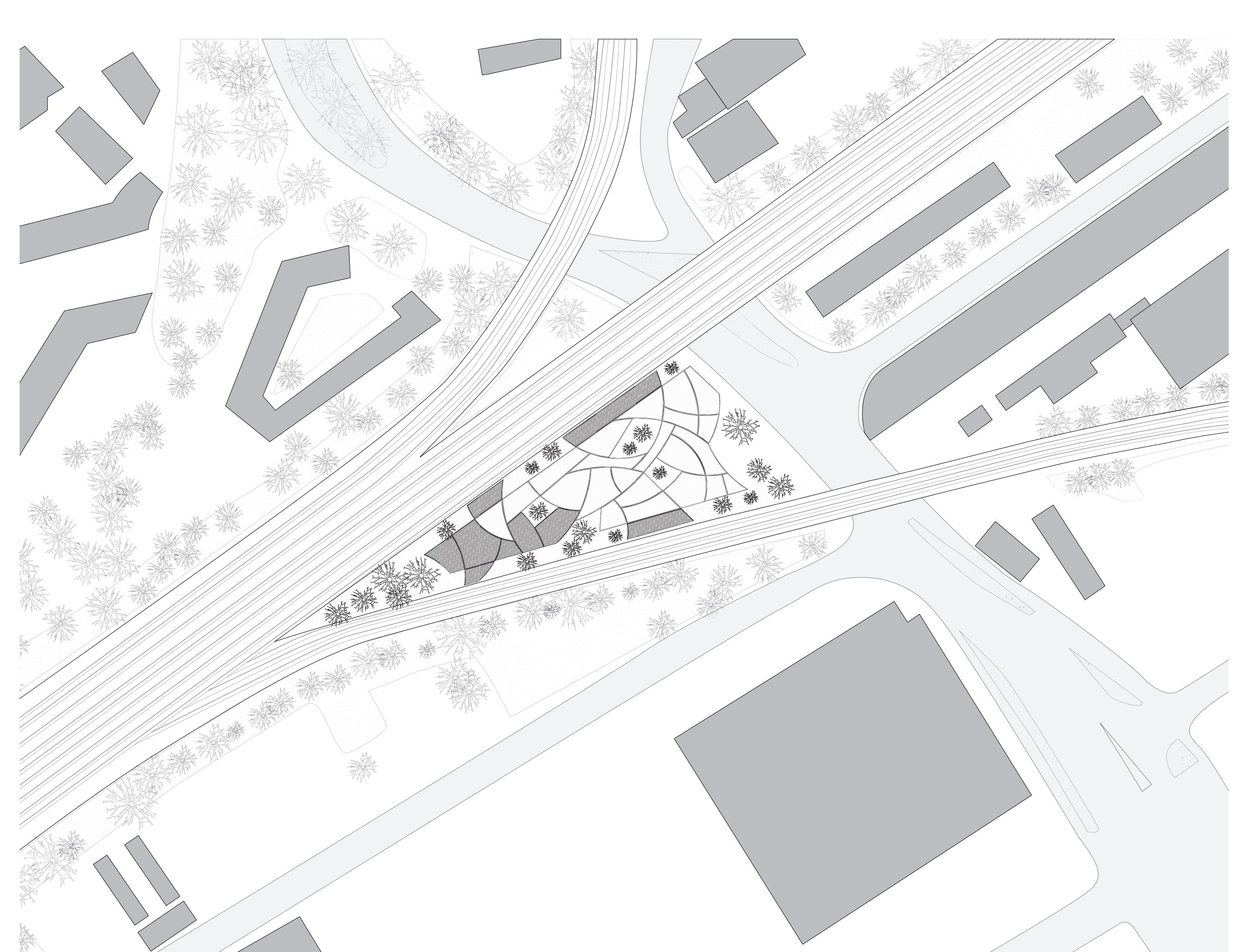


Steel plates

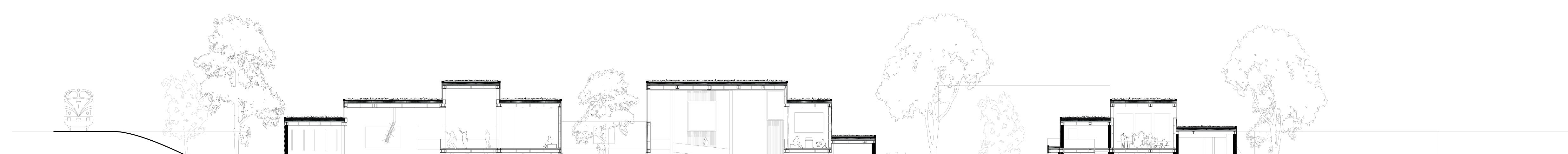
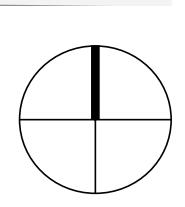
Materiality: structure cladded with scrap materials on site



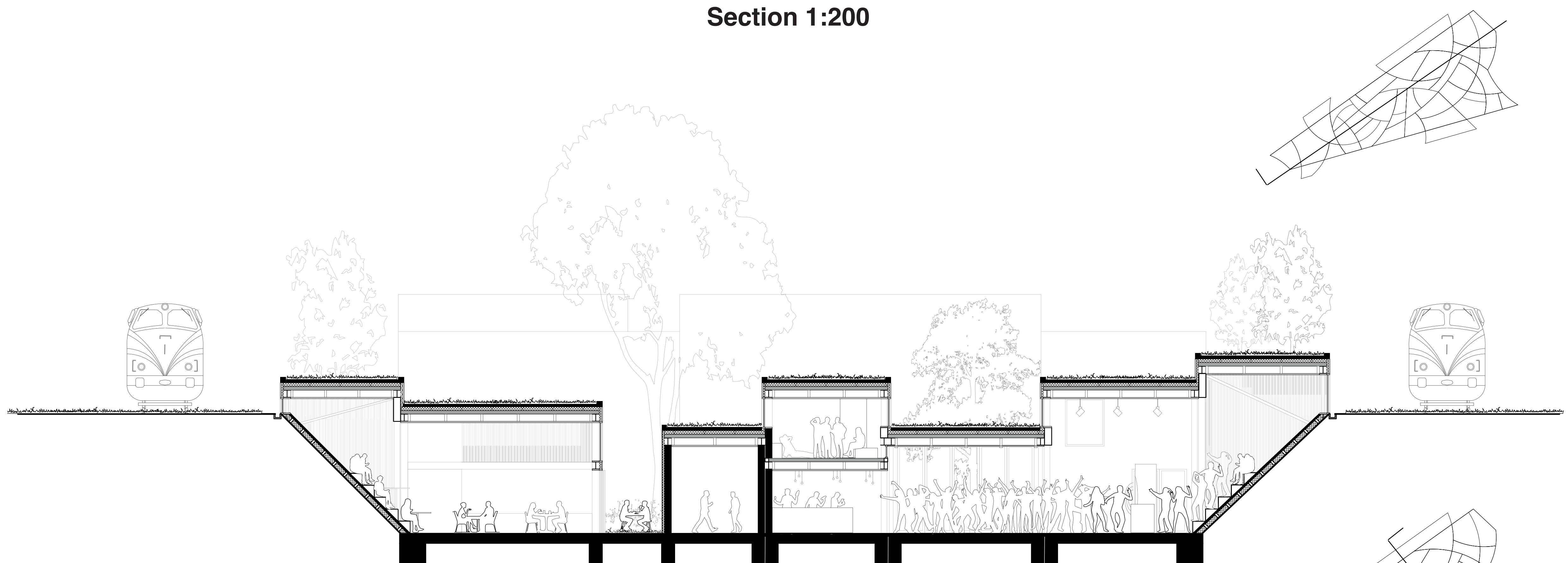
Site plan: Binckhorst, The Hague



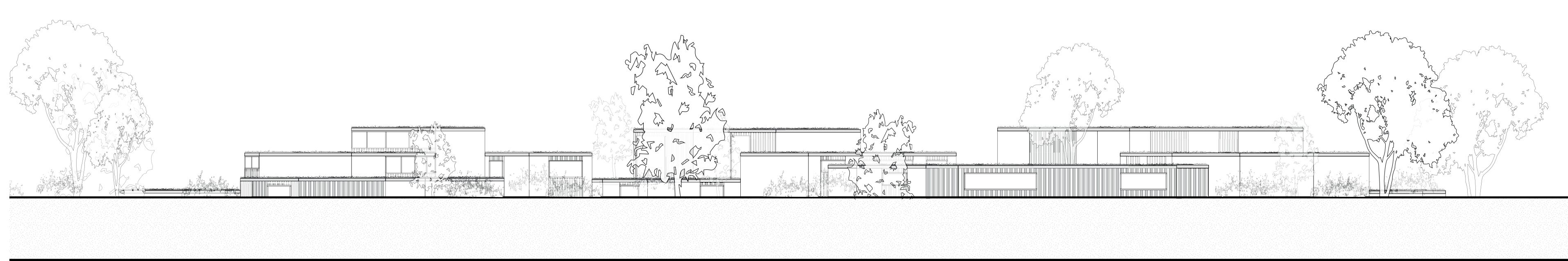
Roof plan 1:1000



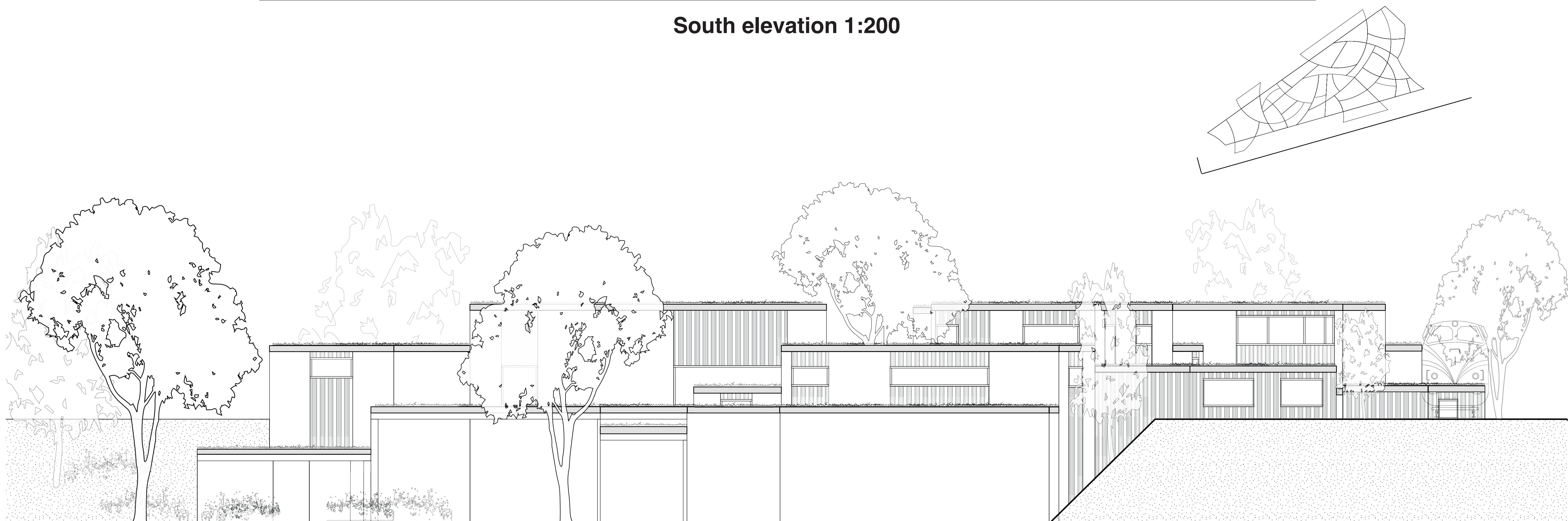
Section 1:200



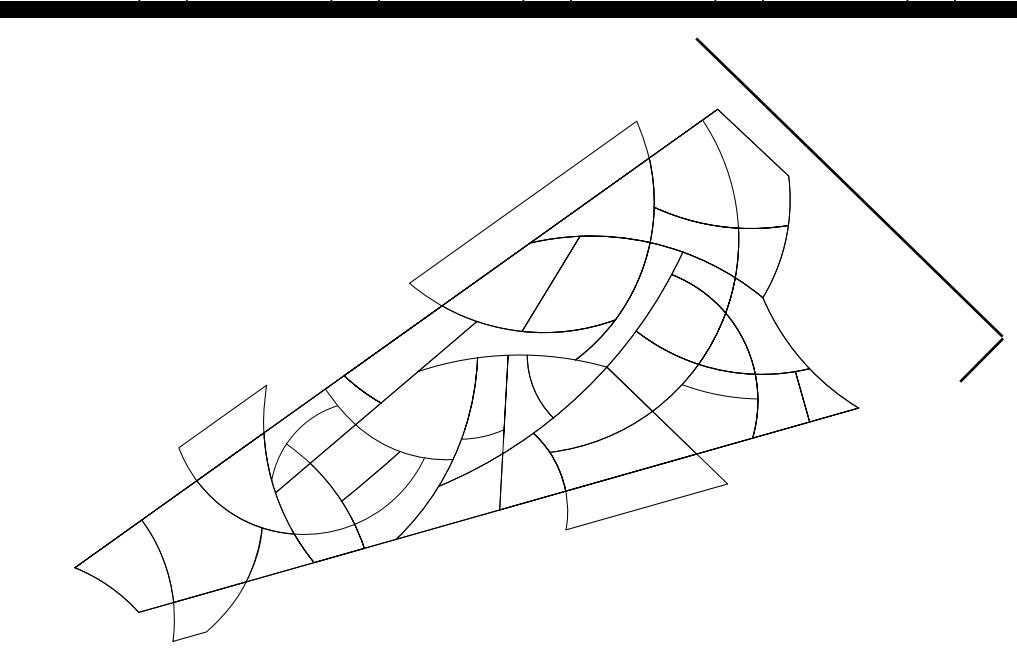
Section 1:100



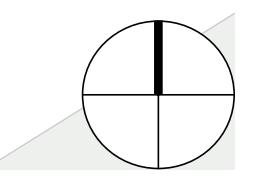
South elevation 1:200



North-east elevation 1:100



1st floor plan 1:200

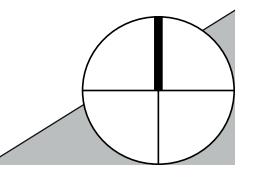



1: Entrance hall
2: Restaurant
3: Lounge
4: Courtyard garden
5: Kitchen
6: Technical space
7: Cloakroom
8: Social hall

9: Bar
10: Toilets
11: Club / Atelier
12: Storage
13: 1st Lecture Hall
14: Tribune
15: Staff lounge
16: Staff entrance hall

17: Club / Lecture hall balcony
18: 1st floor circulation / social space
19: Offices
20: Artist lounge
21: Music recording space

Groundfloor plan 1:200

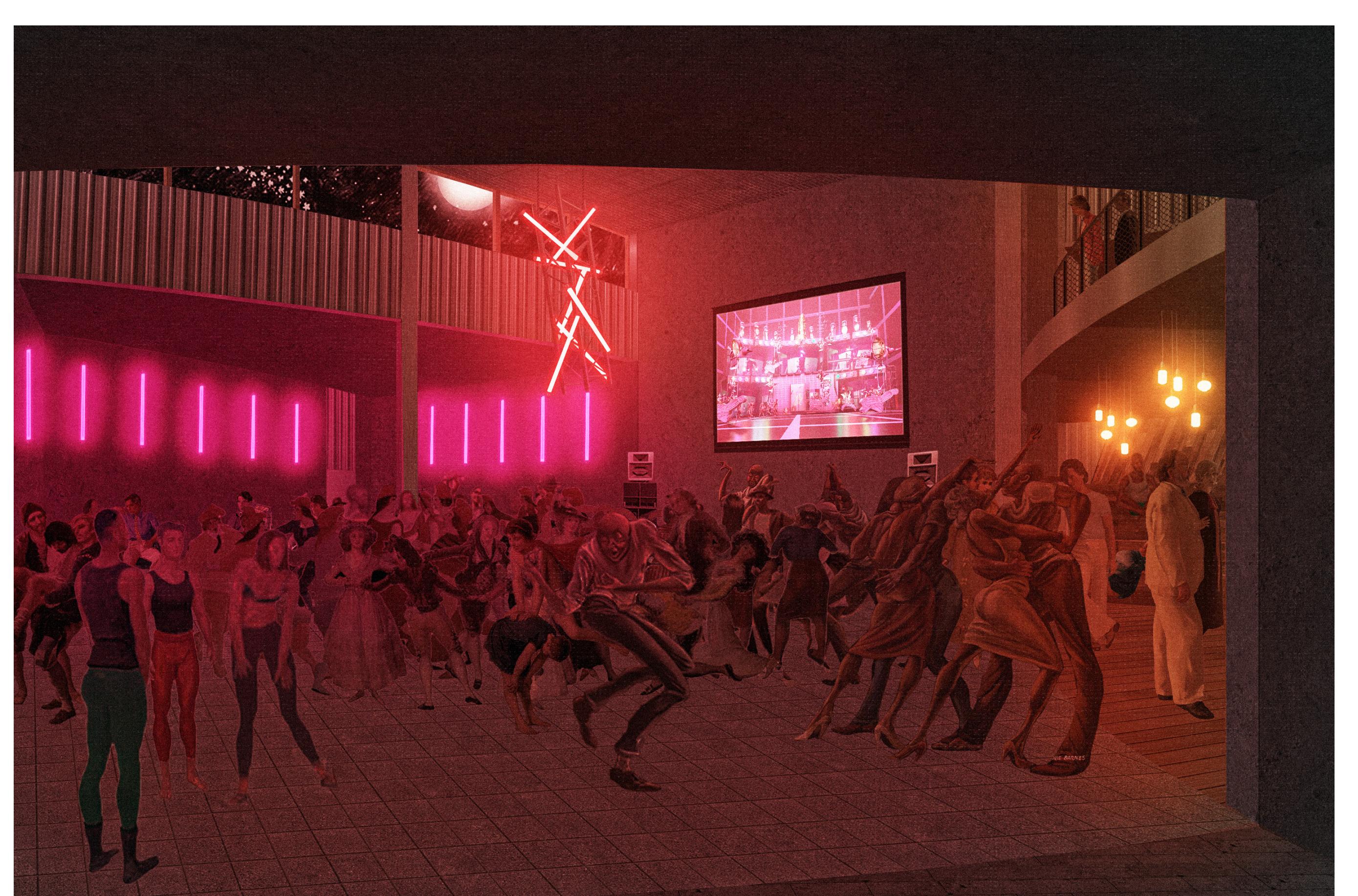
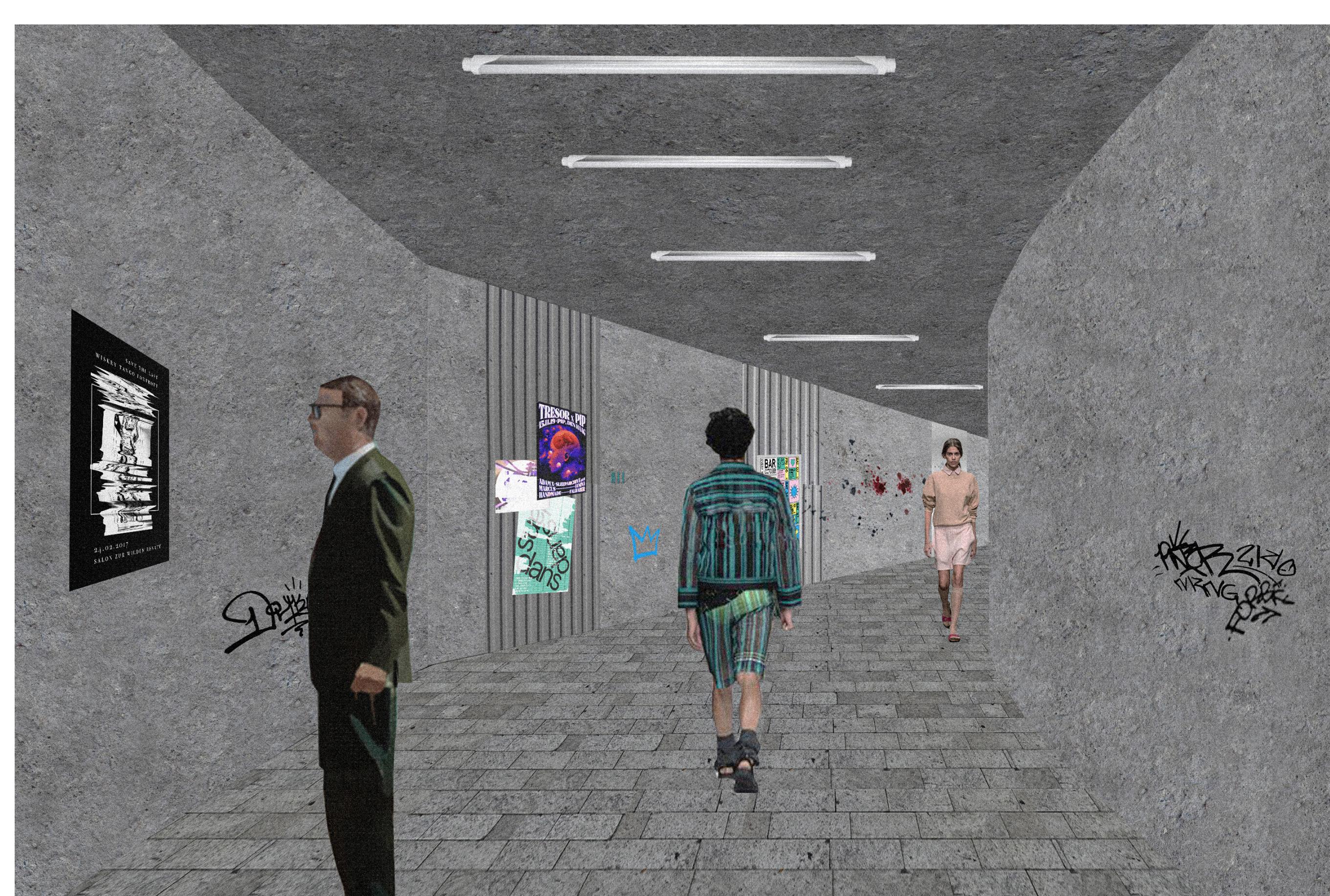
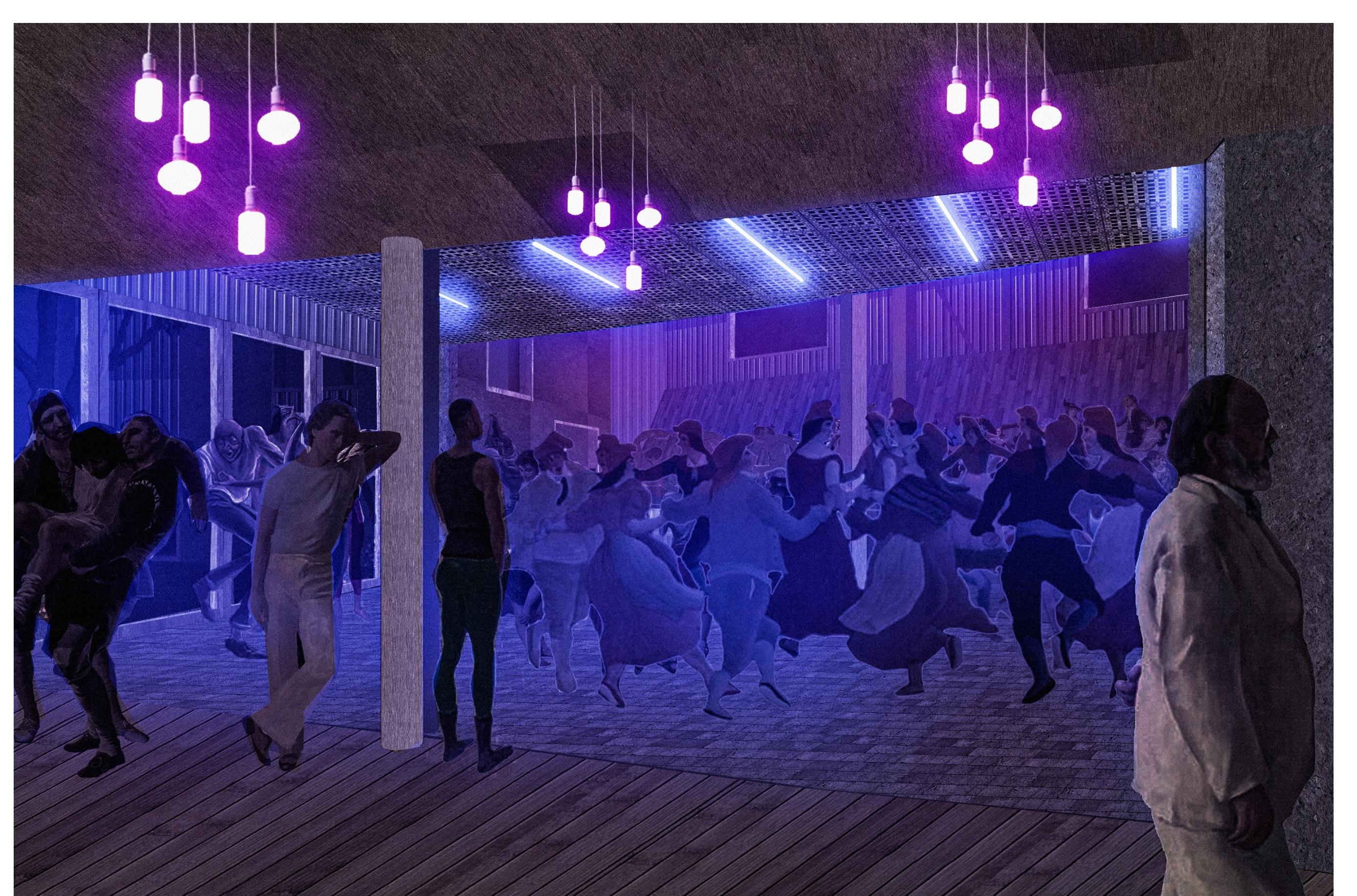




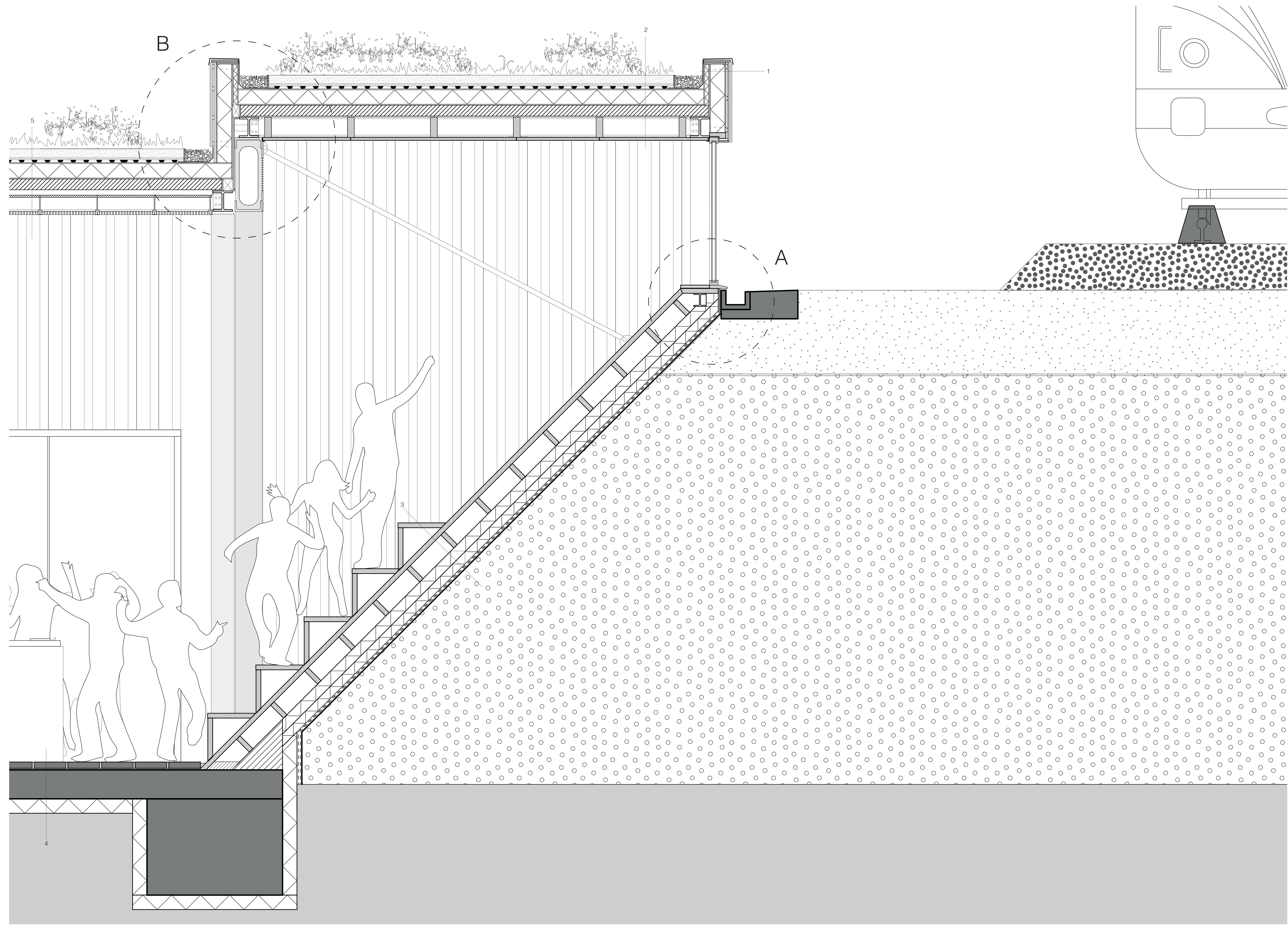
Design manifesto - Imagine by night, realise by day



Spatial sequence - day & night



Spatial sequence - day & night



Embankment structure / Tribune section 1:20

Detail notations

1: Embankment space facade

- (From left to right)
- Steel plate
- Weather resistant membrane
- Mineral wool insulation
- Metal stud frame
- Corrugated steel plate facade cladding

2: Embankment space roof

- (From interior to exterior)
- MDF wood panel ceiling
- Wooden suspended ceiling structure
- Space for technical systems (e.g. electricity cables, heating/cooling etc.)
- Steel plate ceiling
- Green roof:
 - Vapour control layer
 - Mineral wool insulation
 - Aeration layer
 - Moisture retention layer
 - Reservoir layer
 - Filter fabric
 - Engineered soil with planting

3: Slanted facade

- (From interior to exterior)
- Wooden stair structure
- Wooden floor joists
- Wooden balustrade structure
- Mineral wool insulation
- Water resistant membrane
- Embankment soil

4: Atelier/club floor

- (From interior to exterior)
- Concrete pavement tiles
- Mortar
- Concrete foundation
- Mineral wool insulation

5: Atelier/club roof

- (From interior to exterior)
- Steel grating
- Hanger wires
- Space for technical systems (e.g. electricity cables, heating/cooling etc.)
- Wooden framework
- Steel plate ceiling
- Green roof:
 - Vapour control layer
 - Mineral wool insulation
 - Aeration layer
 - Moisture retention layer
 - Reservoir layer
 - Filter fabric
 - Engineered soil with planting

6: Social hall roof

- (From interior to exterior)
- Steel grating panel
- Hanger wires
- Space for technical systems (e.g. electricity cables, heating/cooling etc.)
- Wooden framework
- Steel plate ceiling
- Green roof:
 - Vapour control layer
 - Mineral wool insulation
 - Aeration layer
 - Moisture retention layer
 - Reservoir layer
 - Filter fabric
 - Engineered soil with planting

7: Social hall facade 1

- (From interior to exterior)
- HE300A steel beam
- Mineral wool insulation
- Weather resistant membrane
- Metal stud framework
- Corrugated steel plate facade cladding

8: Circulation space roof

- (From interior to exterior)
- Acoustic spray (sound absorbing)
- Wooden drywall panel
- Space for technical systems (e.g. electricity cables, heating/cooling etc.)
- Wooden framework
- Steel plate ceiling
- Green roof:
 - Vapour control layer
 - Mineral wool insulation
 - Aeration layer
 - Moisture retention layer
 - Reservoir layer
 - Filter fabric
 - Engineered soil with planting

9: Social hall facade 2

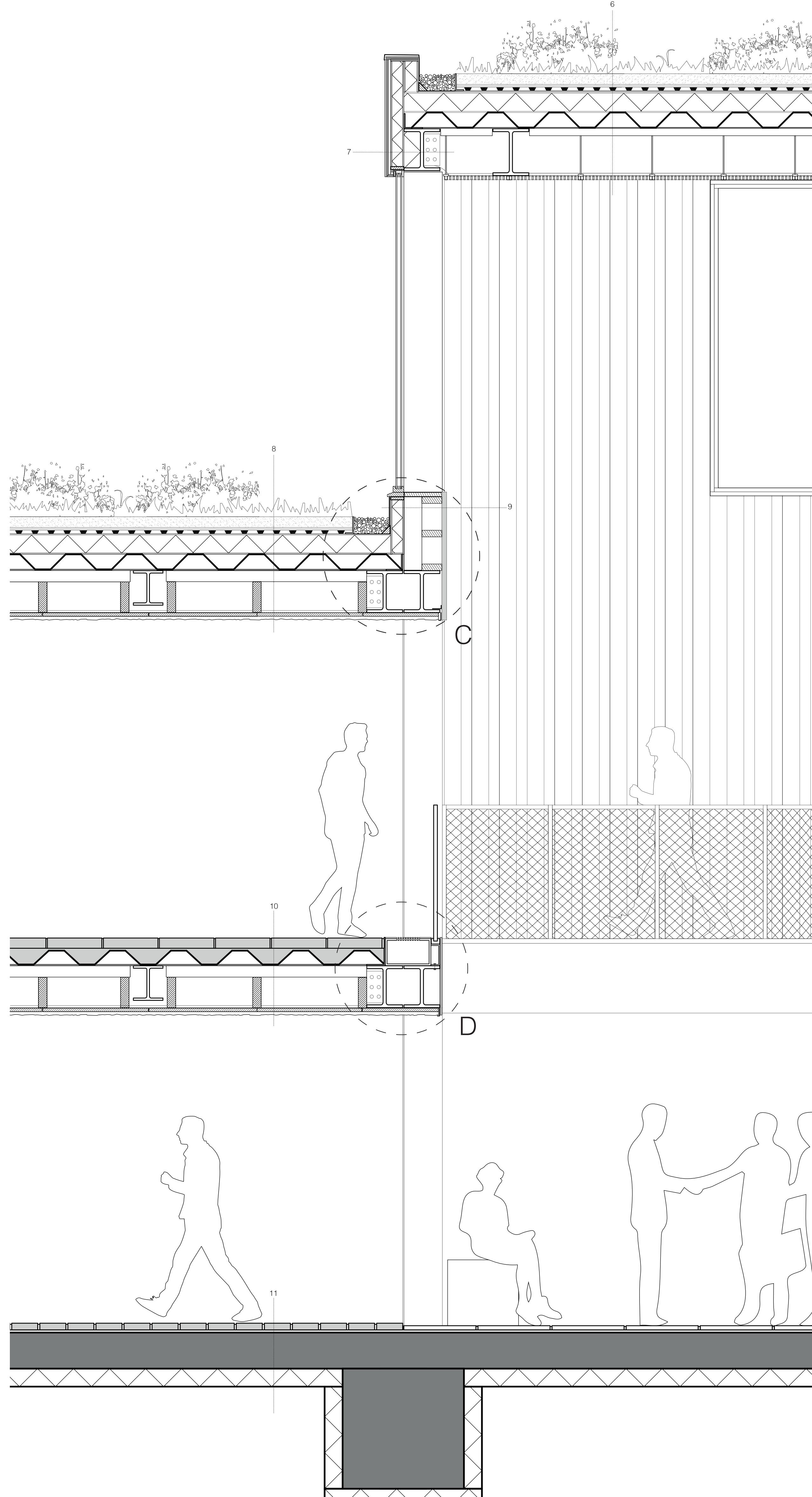
- (From interior to exterior)
- Steel plate
- Weather resistant membrane
- Mineral wool insulation
- Wooden frame
- Corrugated steel plate interior cladding

10: Circulation space 1st floor

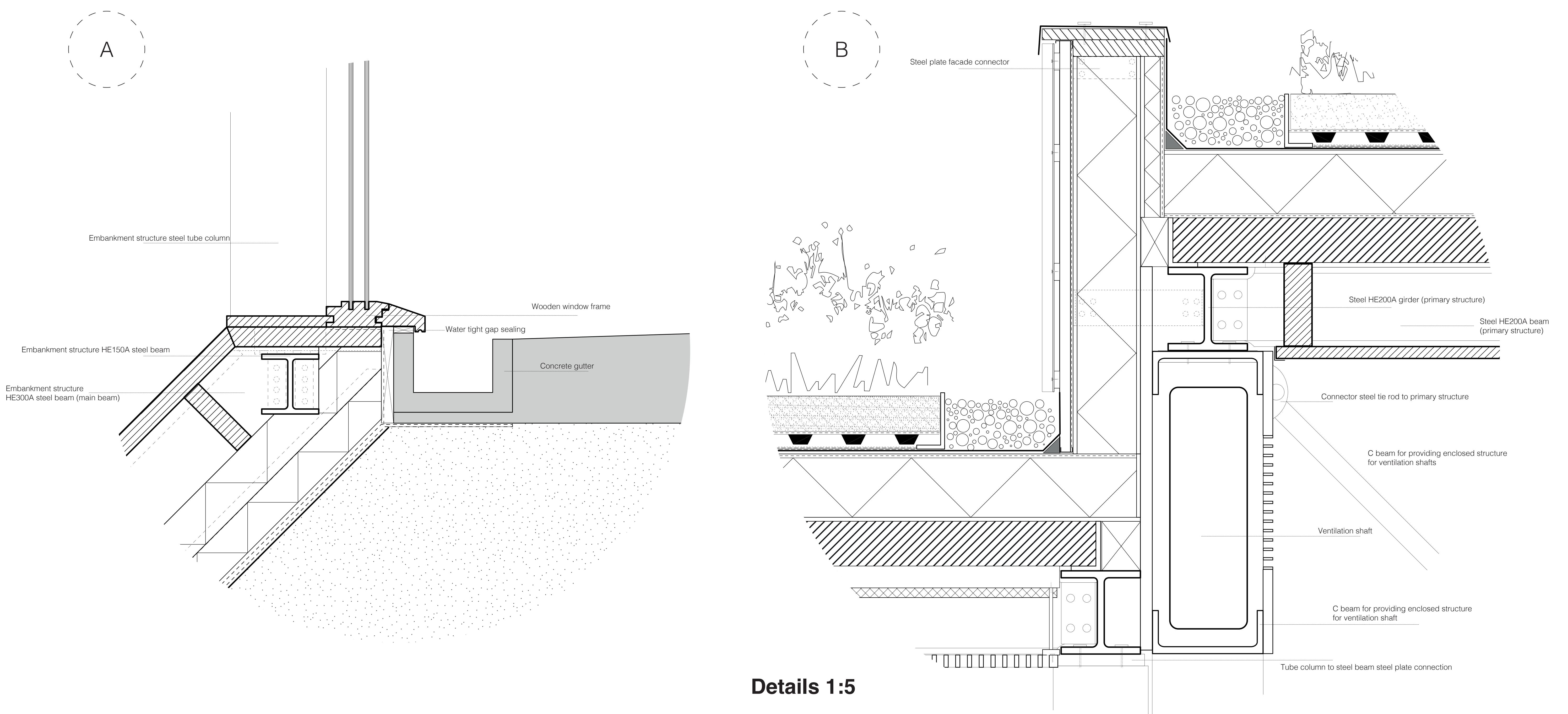
- (From interior to bottom)
- Concrete pavement tiles
- Mortar
- Composite floor (concrete-steel plate floor)
- Wooden framework
- Space for technical systems (e.g. electricity cables, heating/cooling etc.)
- Wooden drywall panel
- Acoustic spray ceiling (sound absorbing)

11: Circulation space ground floor

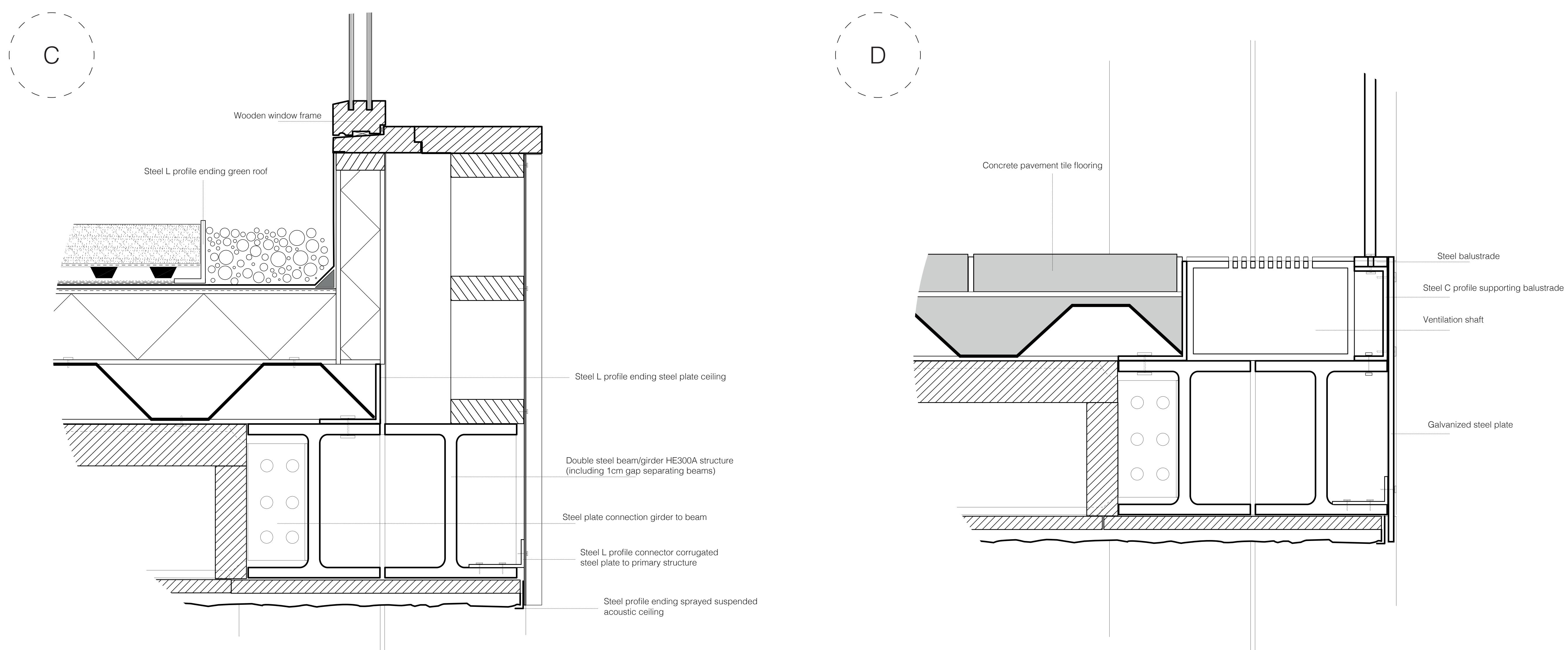
- (From interior to exterior)
- Concrete pavement tiles
- Mortar
- Concrete foundation
- Mineral wool insulation



Social hall section 1:20



Details 1:5



Structural plan 1:200

