

Masterplan - 1:1000
't Zaagje



Masterplan - 1:500
Delta Shipyard

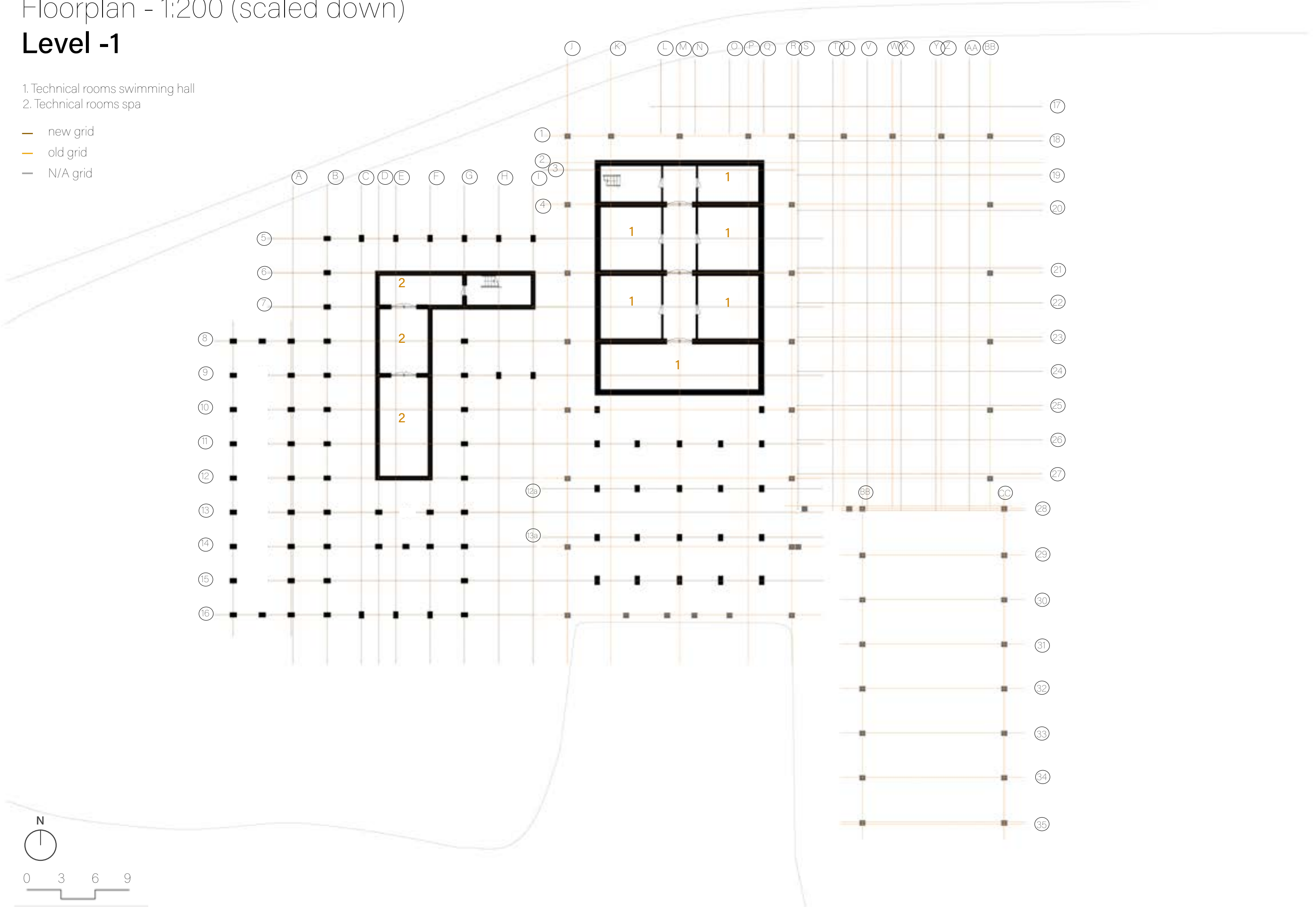


Floorplan - 1:200 (scaled down)

Level -1

- 1. Technical rooms swimming hall
- 2. Technical rooms spa

- new grid
- old grid
- N/A grid

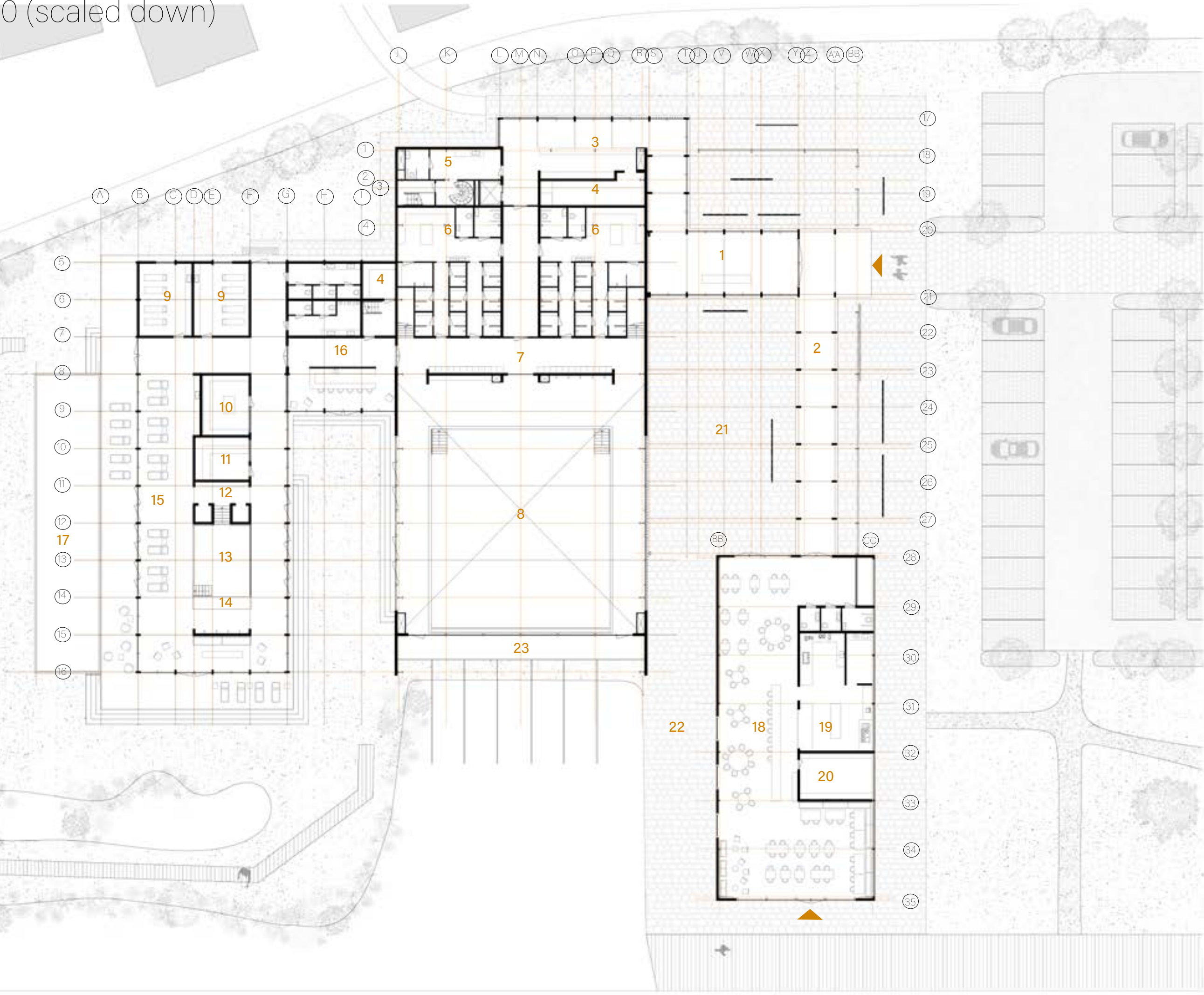
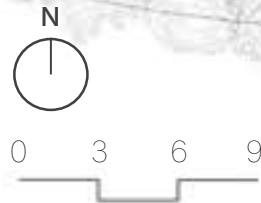


Floorplan - 1:200 (scaled down)

Level 0

- 1. Entrance and reception spa
- 2. Gallery
- 3. Towel point
- 4. Laundry room / storage
- 5. Staff
- 6. Changing rooms and showers
- 7. Lockers
- 8. Big swimming pool
- 9. Massage / therapy rooms
- 10. Steam cabin
- 11. Sauna
- 12. Hot and cold showers
- 13. Small swimming pool
- 14. Hot stone
- 15. Relax area
- 16. Bar
- 17. Outdoor swimming pool
- 18. Restaurant and bar
- 19. Restaurant kitchen
- 20. Restaurant storage
- 21. Courtyard
- 22. Terrace
- 23. Swimming pool balcony

- new grid
- old grid
- N/A grid

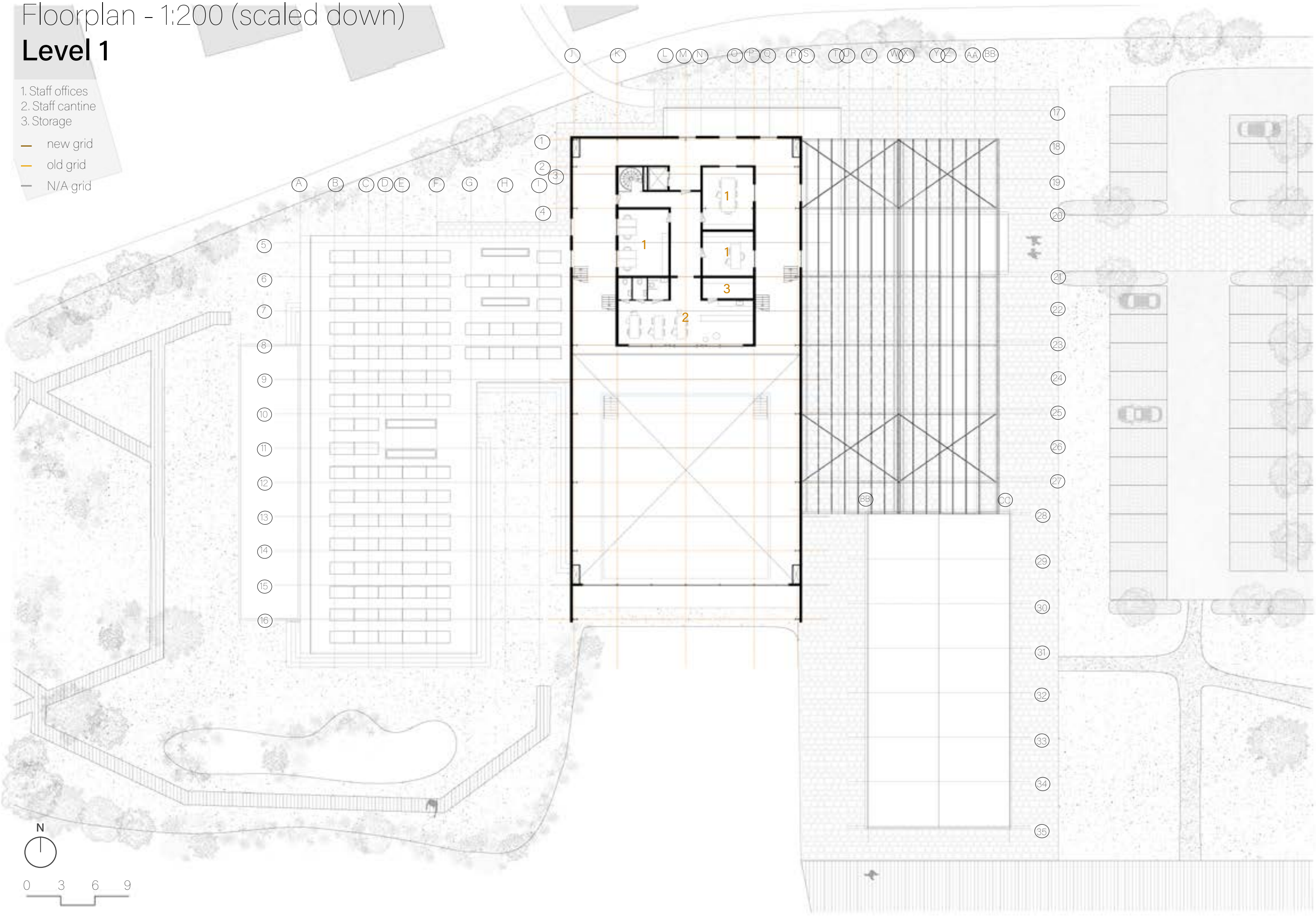


Floorplan - 1:200 (scaled down)

Level 1

- 1. Staff offices
- 2. Staff cantine
- 3. Storage

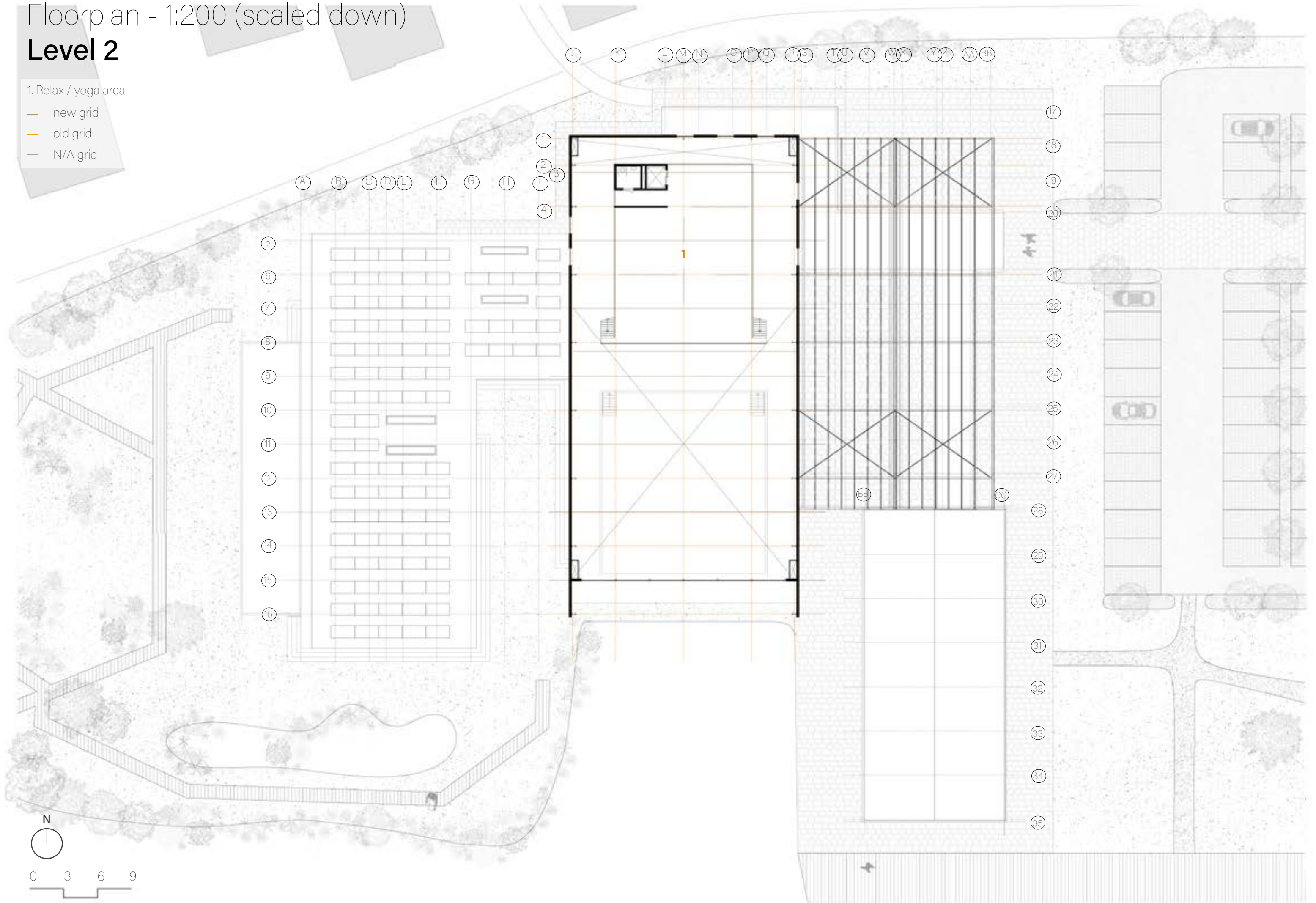
- new grid
- old grid
- N/A grid



Floorplan - 1:200 (scaled down)

Level 2

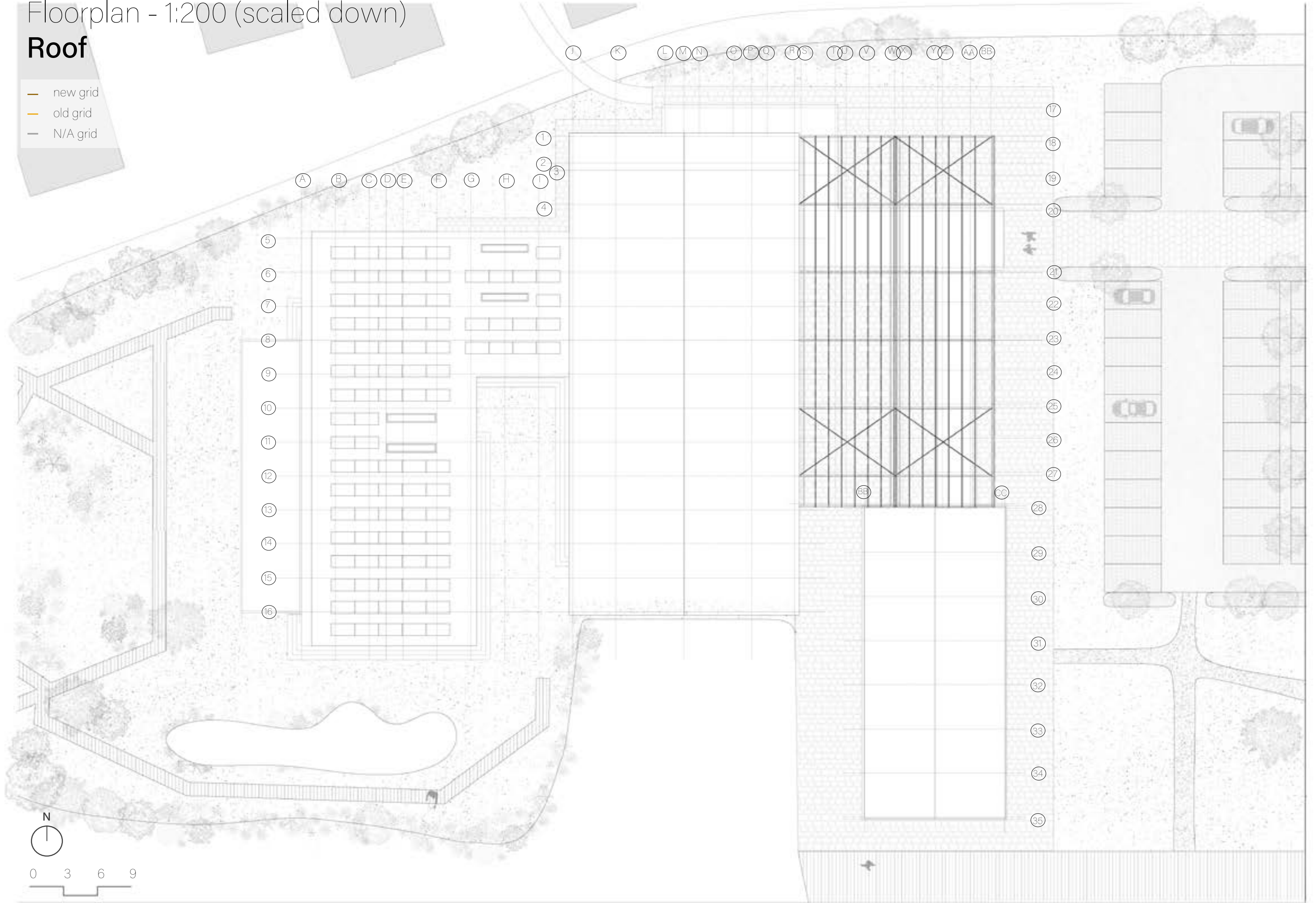
1. Relax / yoga area
- new grid
 - old grid
 - N/A grid



Floorplan - 1:200 (scaled down)

Roof

- new grid
- old grid
- N/A grid



Elevations - 1:200

East and south side

East elevation



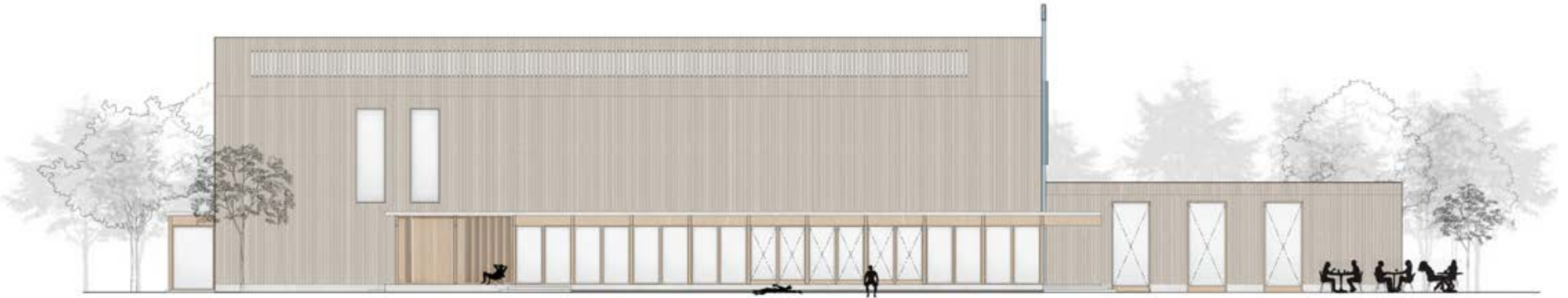
South elevation



Elevations - 1:200

West and north side

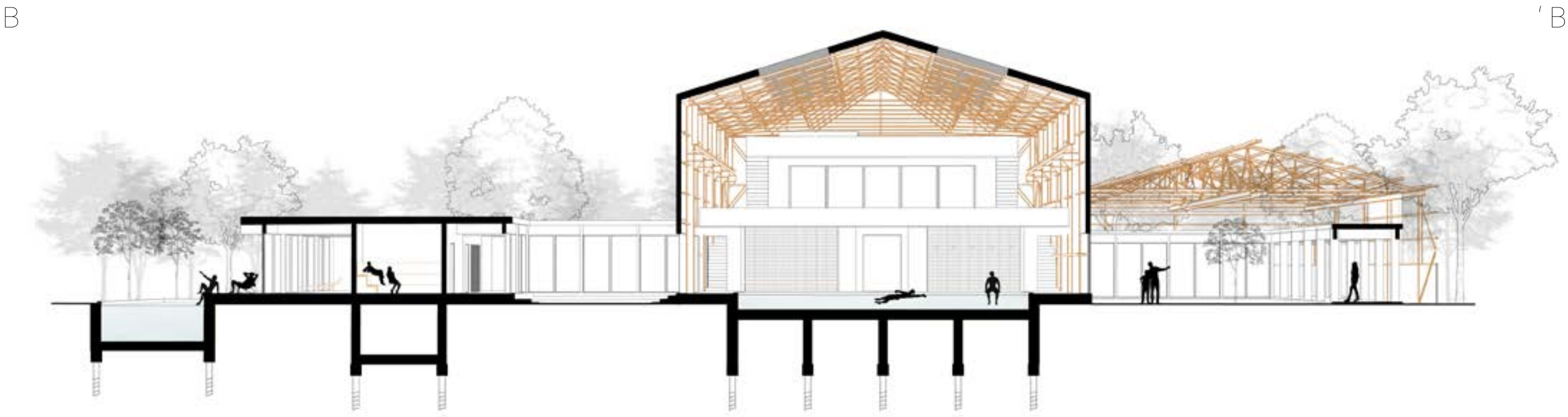
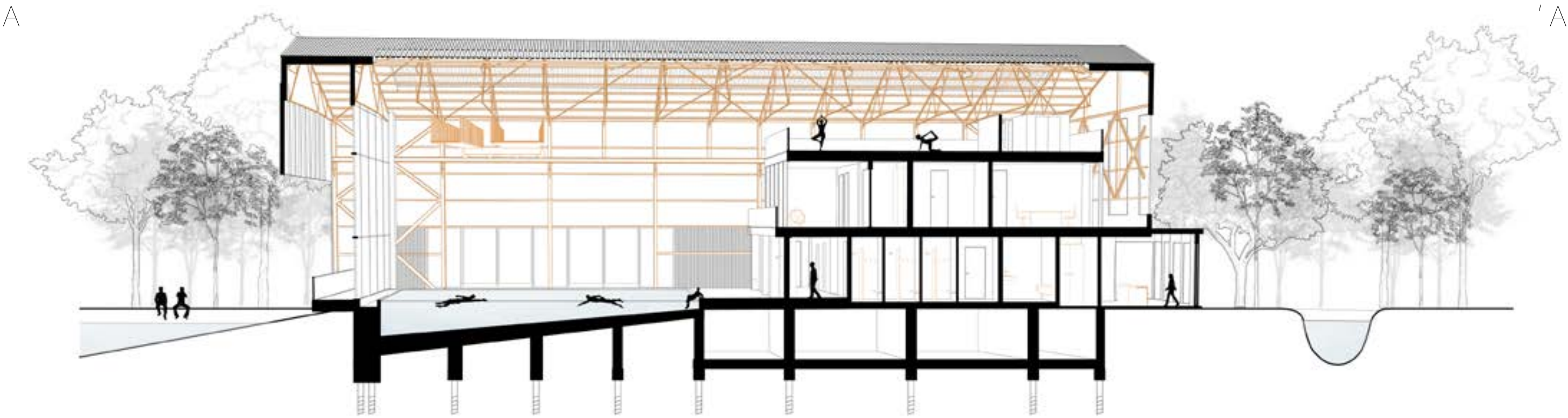
West elevation



North elevation



Cross sections - 1:200
A - 'A and B - 'B



Horizontal detail - 1:5 - old situation

Steel construction with cross bracing

J

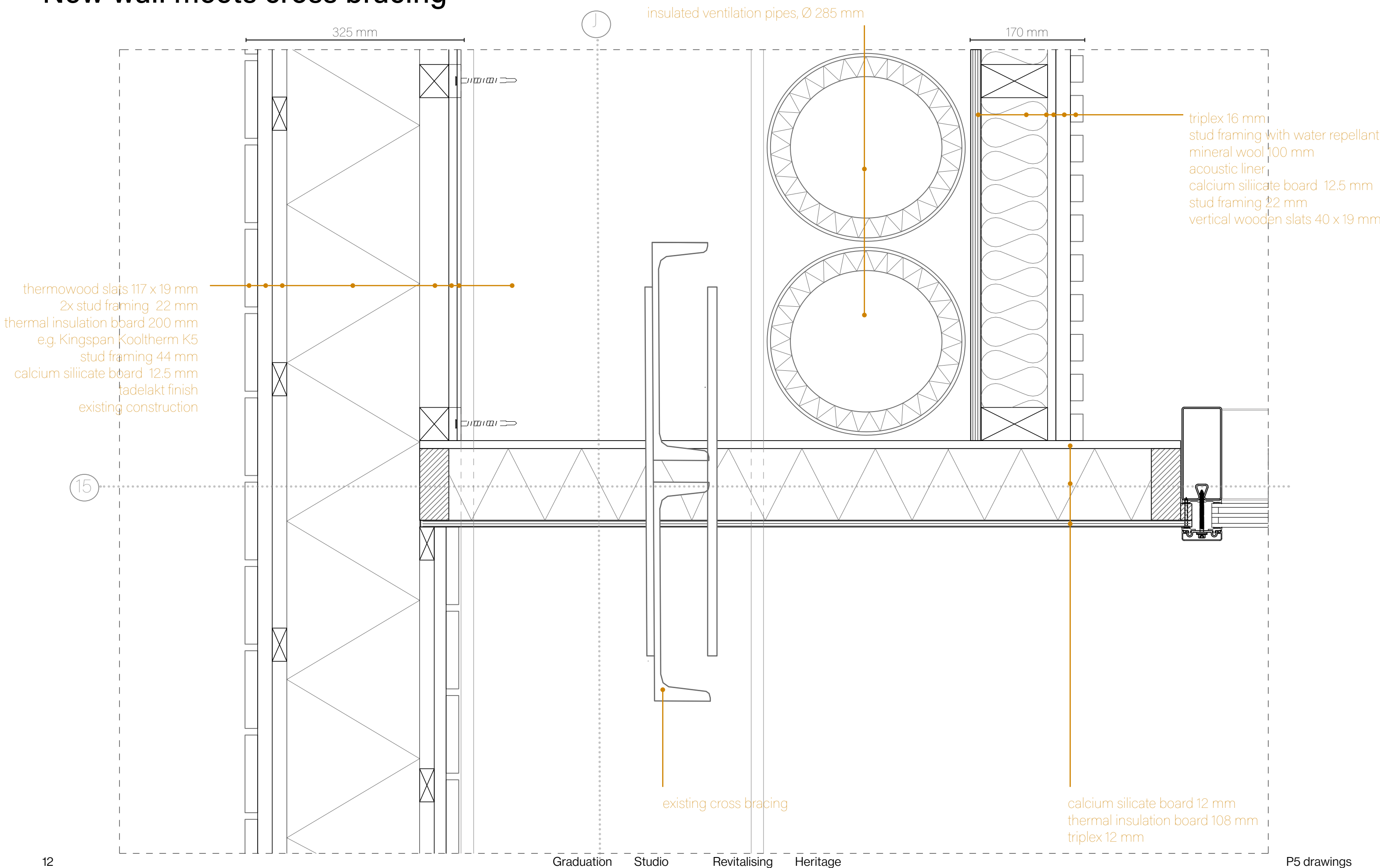
existing horizontal beam

existing cross bracing

15

Horizontal detail - 1:5 - new situation

New wall meets cross bracing



Vertical detail - 1:5 - old situation

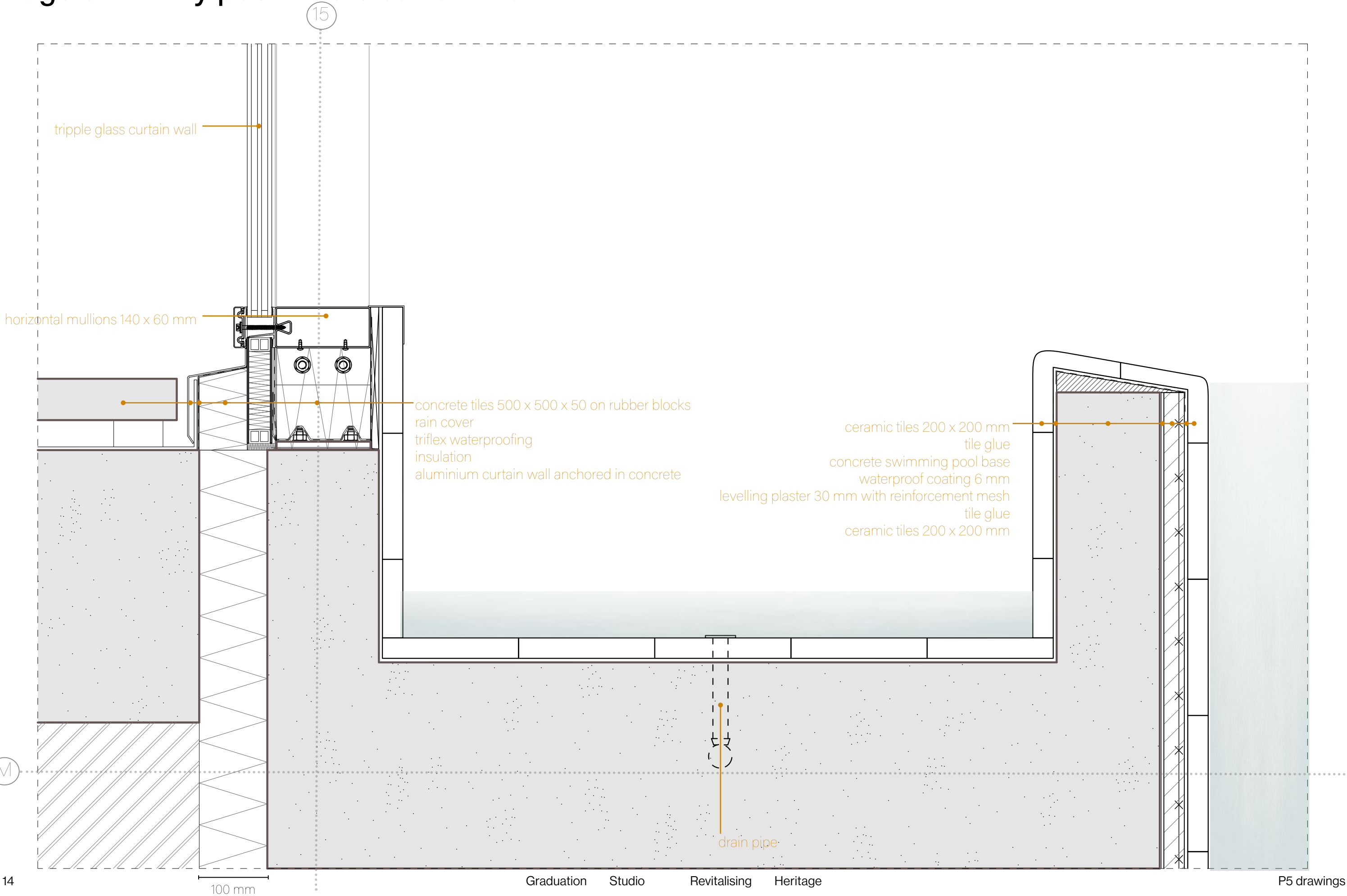
Open space / no construction

15

M

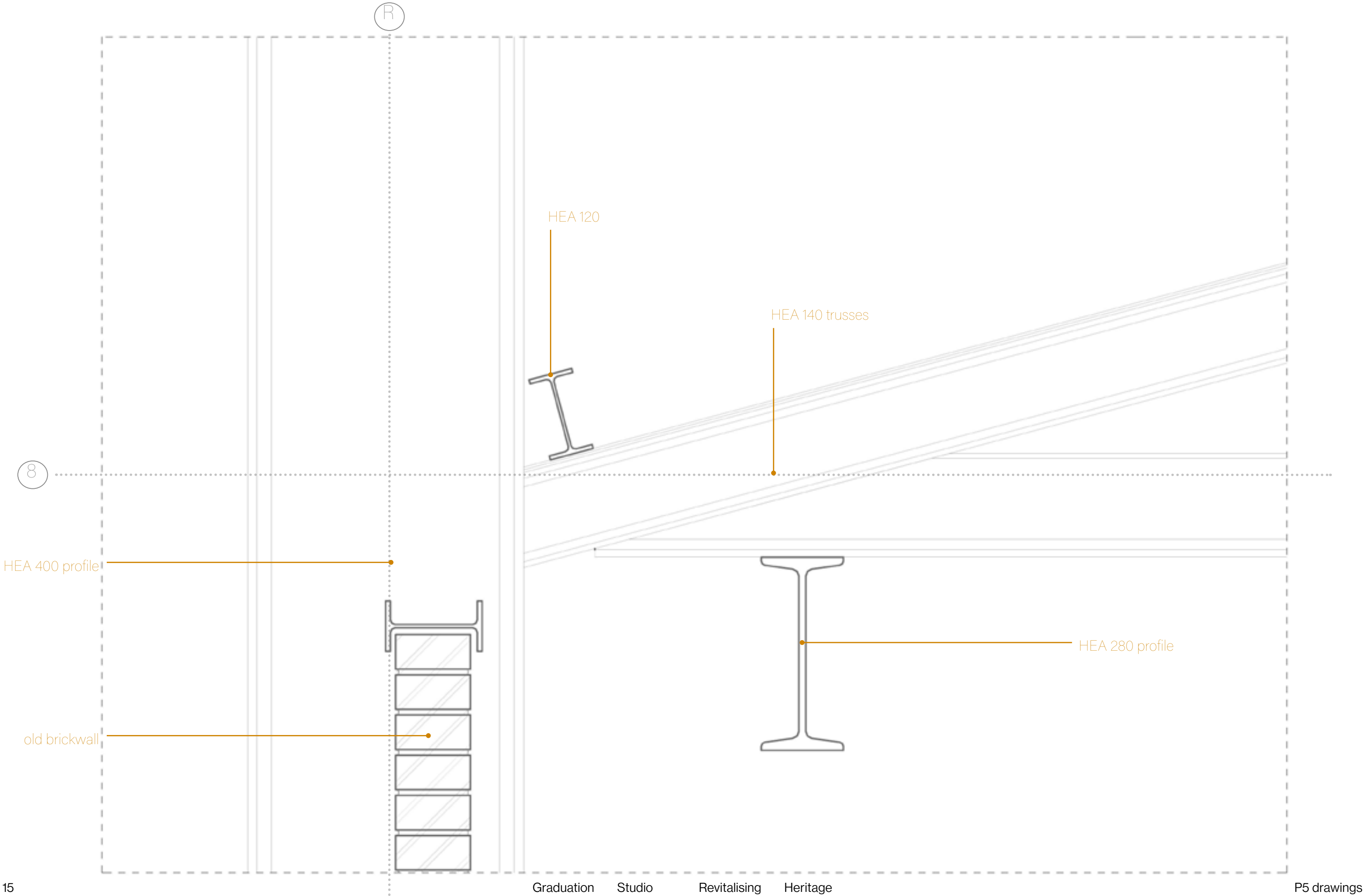
Vertical detail - 1:5 - new situation

Edge of infinity pool meets curtain wall



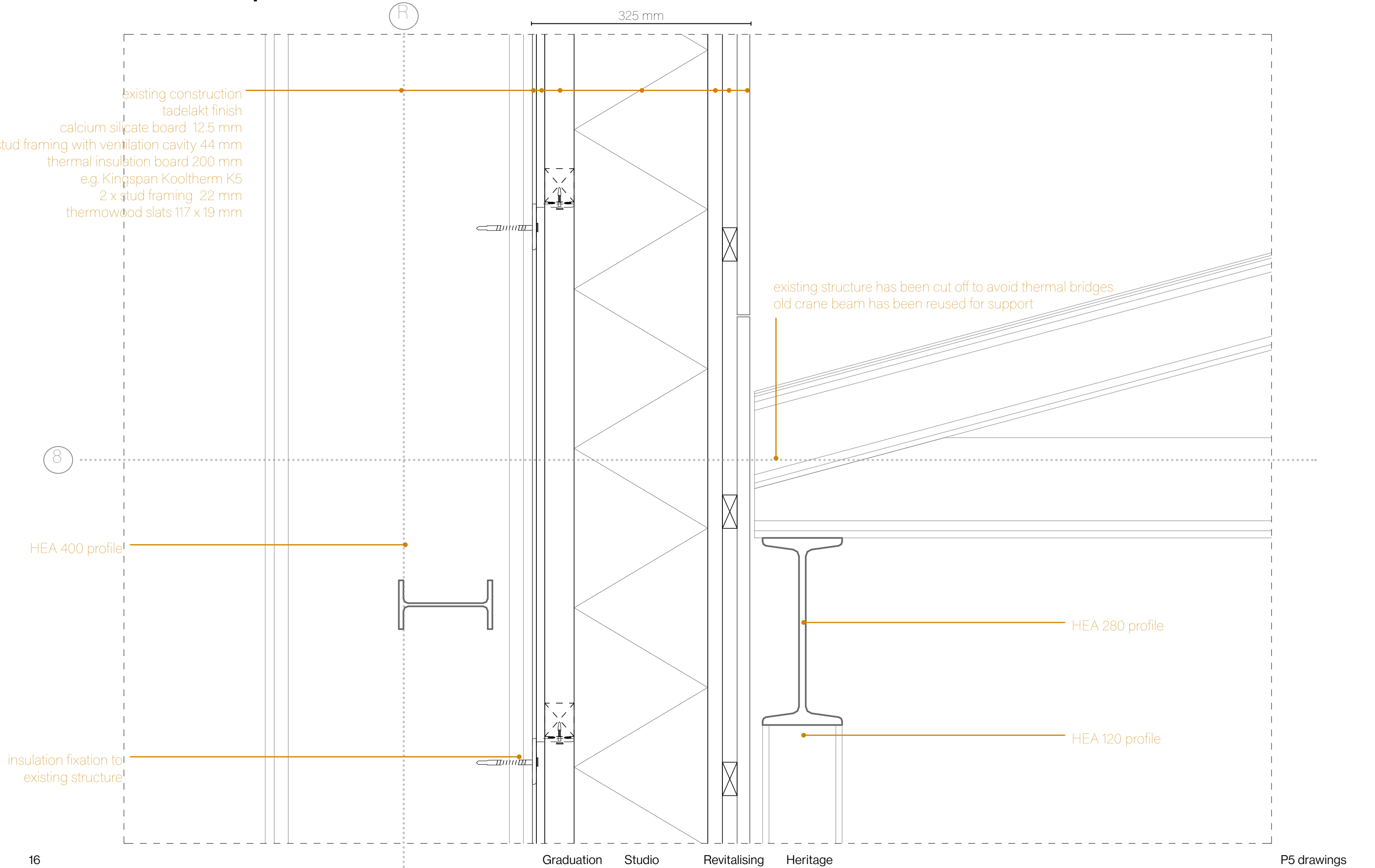
Vertical detail - 1:5 - old situation

Steel construction with brick wall

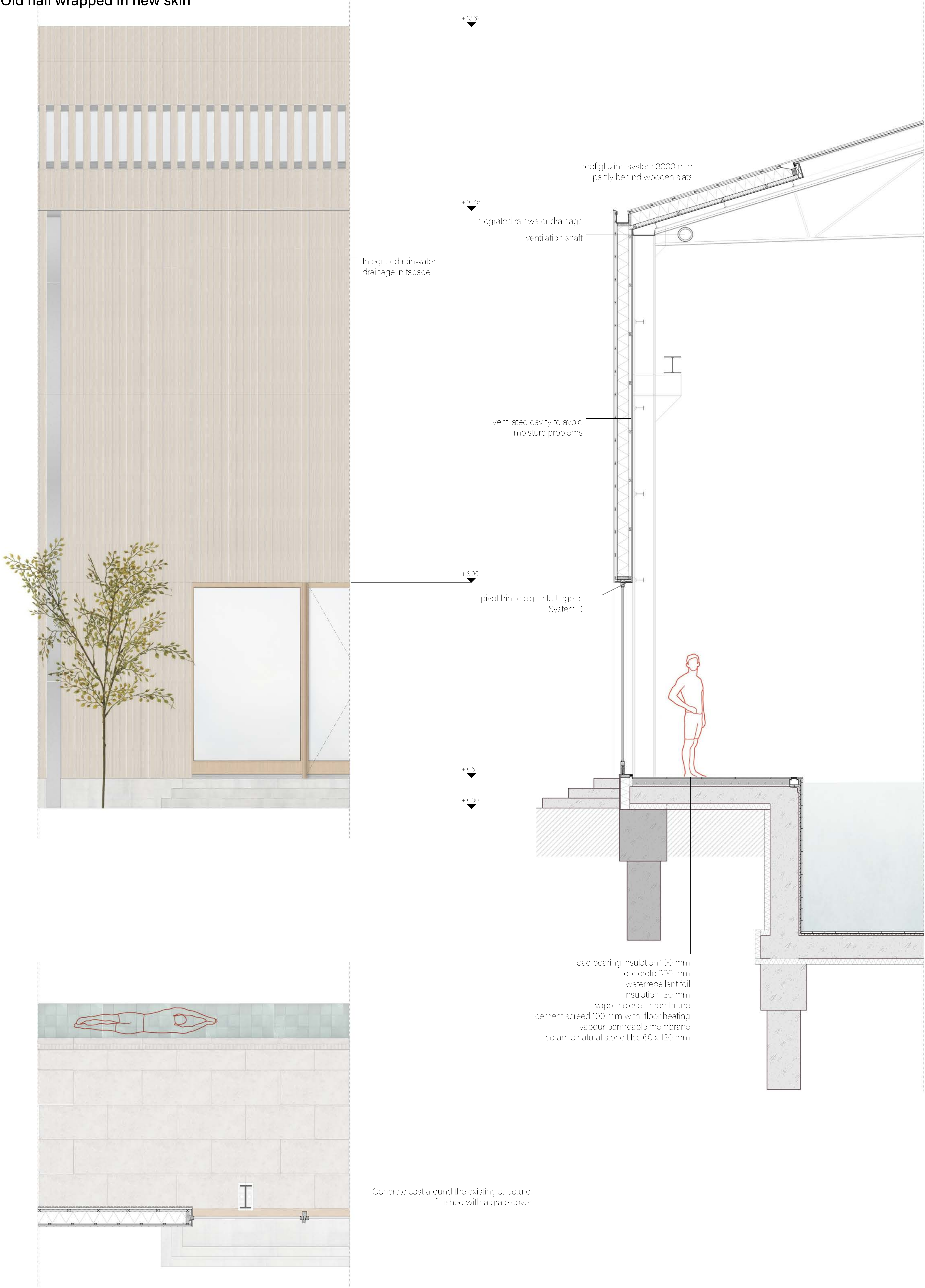


Vertical detail - 1:5 - new situation

New skin interrupts old construction



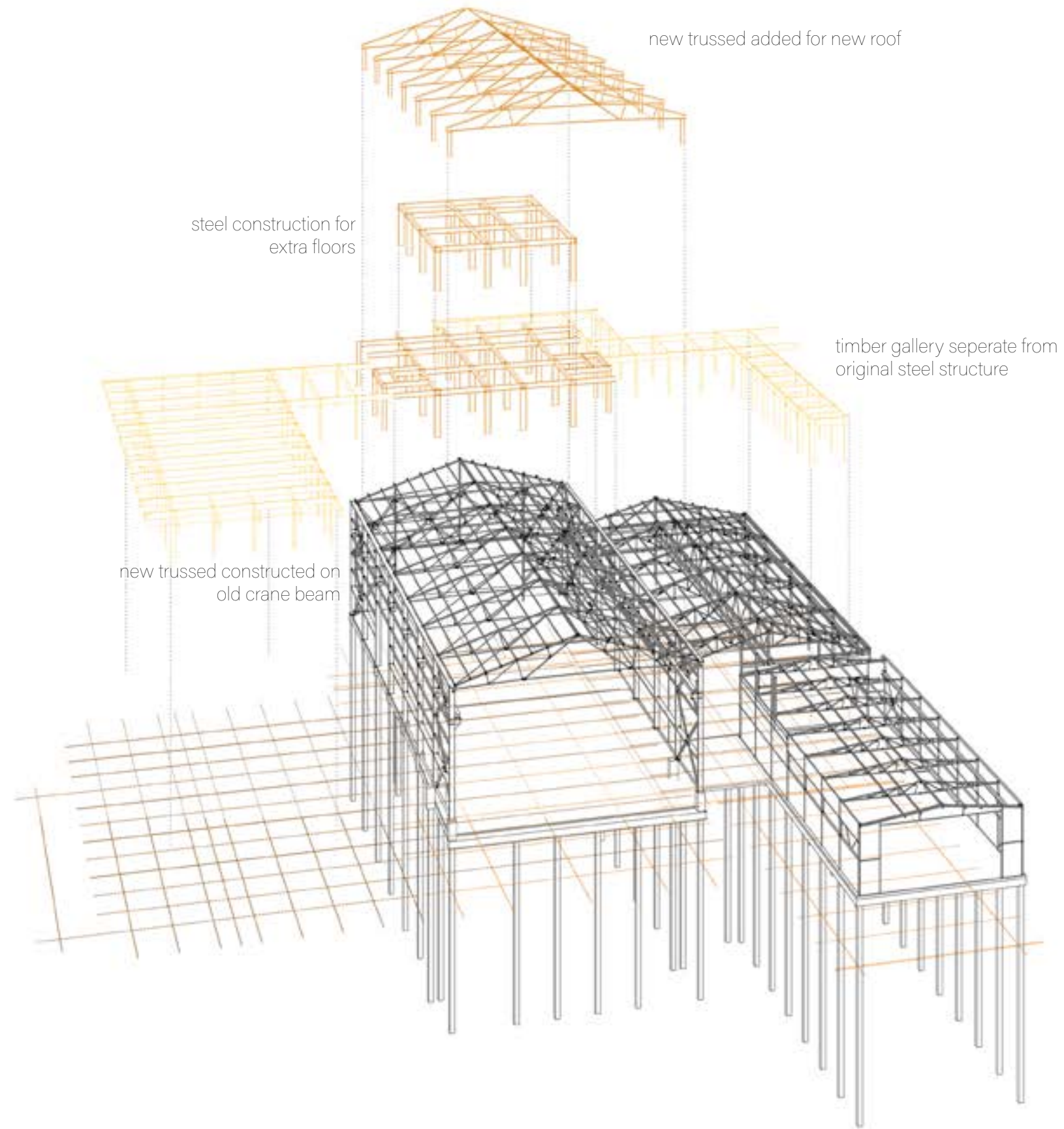
Facade fragment - 1:20
Old hall wrapped in new skin



Construction axo

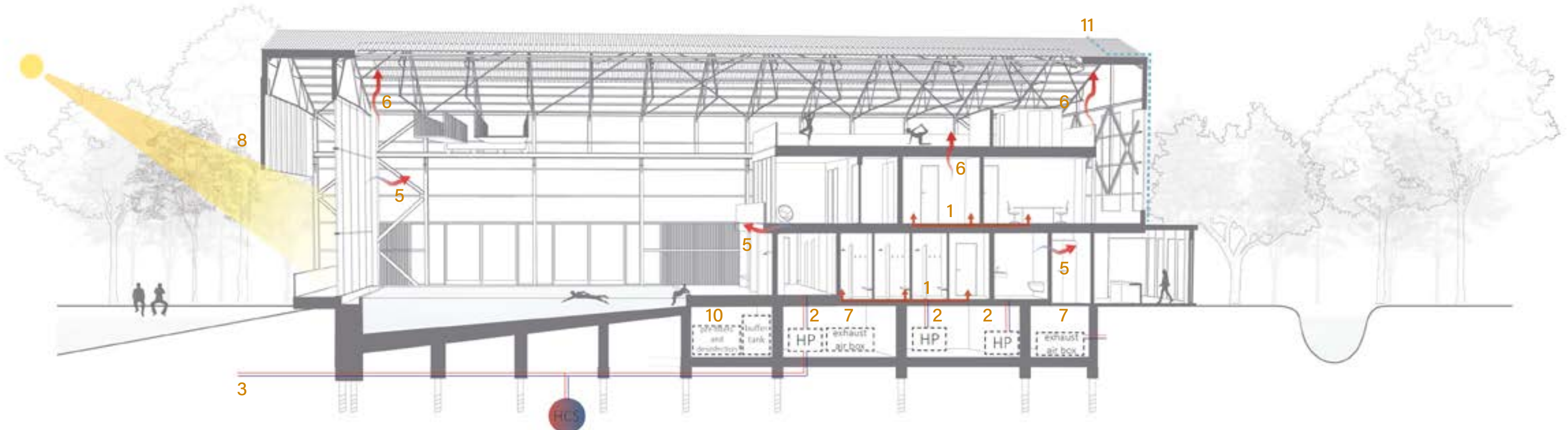
New and old structures

- new grid
- old grid
- original steel structure
- new steel structure
- new timber structure



Climate scheme

Winter situation



1 low temperature floor heating

4 pv(t) panels for electricity and warm water

7 air handling unit with heat recovery

10 pool water filtering systems

2 water - water heatpump for swimming pool water, shower water, cooling the buildings

5 inlet fresh and warm air through walls

8 low winter suns warms the building

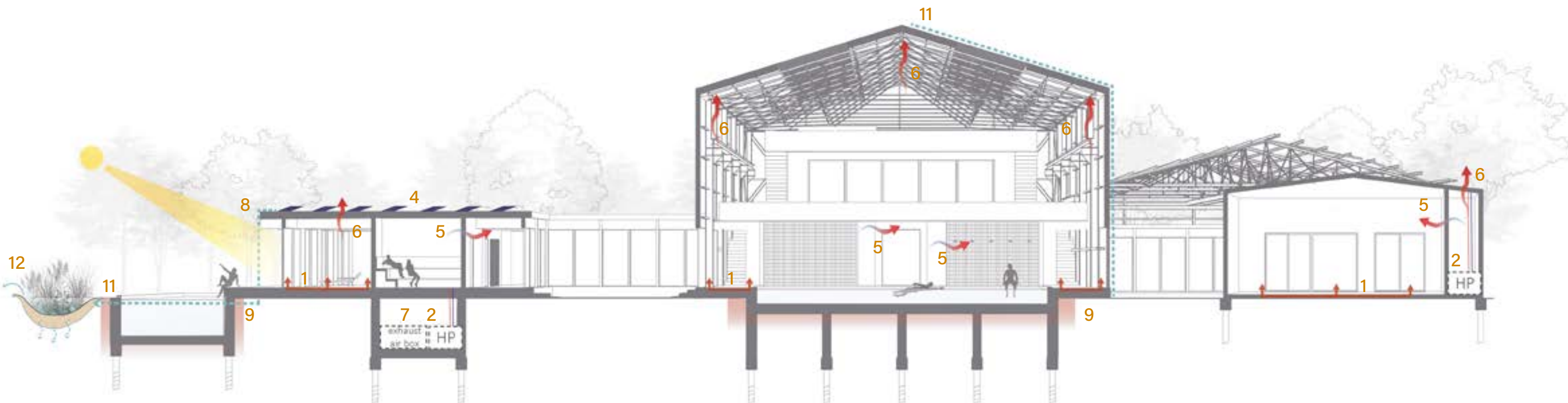
11 rain water collection for toilet use

3 aquathermal energy system, heat-cold storage is connected to the river

6 outlet saturated air through roof

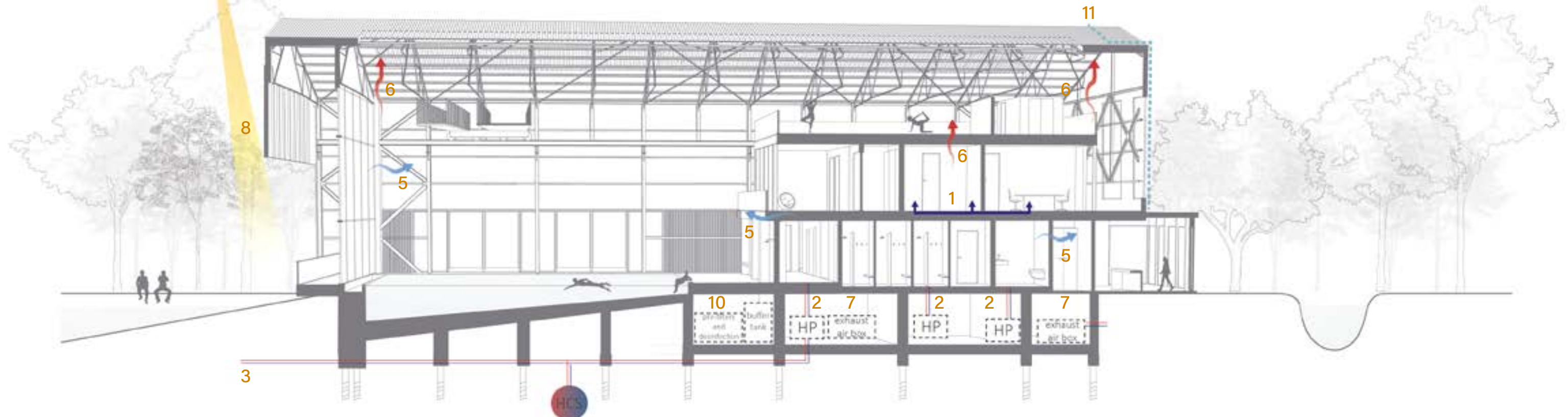
9 swimming pool buried in the ground limits heat loss

12 constructed wetlands for natural water filtering and delayed water infiltration



Climate scheme

Summer situation



1 floor cooling

4 pv(t) panels for electricity and warm water

7 air handling unit with heat recovery

10 pool water filtering systems

2 water - water heatpump for swimming pool water, shower water, cooling the buildings

5 inlet fresh and cool air through walls

8 overhang protects against sunheat

11 rain water collection for toilet use

3 aquathermal energy system, heat-cold storage is connected to the river

6 outlet saturated air through roof

9 opening doors and windows for natural ventilation

12 constructed wetlands for natural water filtering and delayed water infiltration

