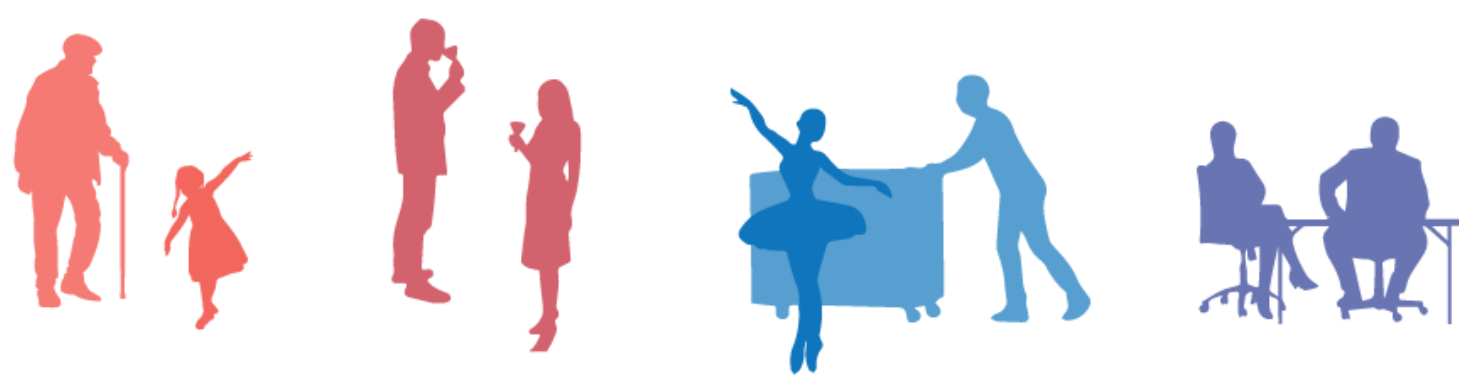
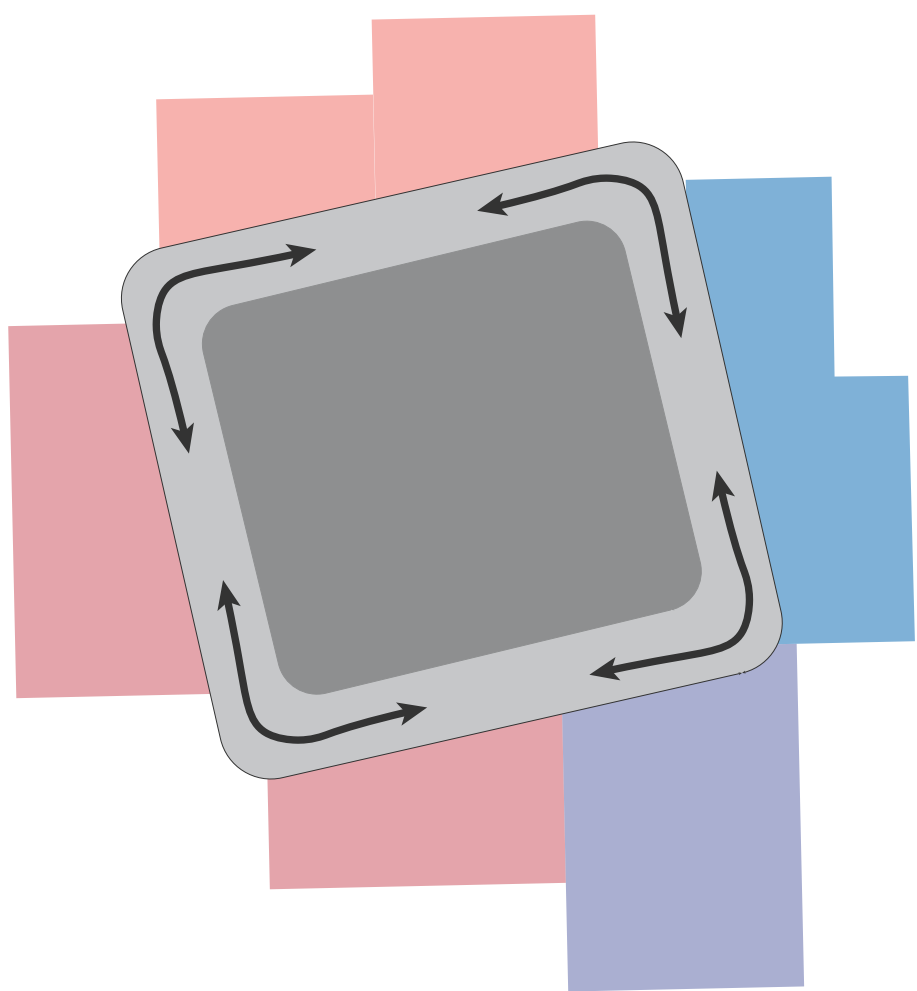


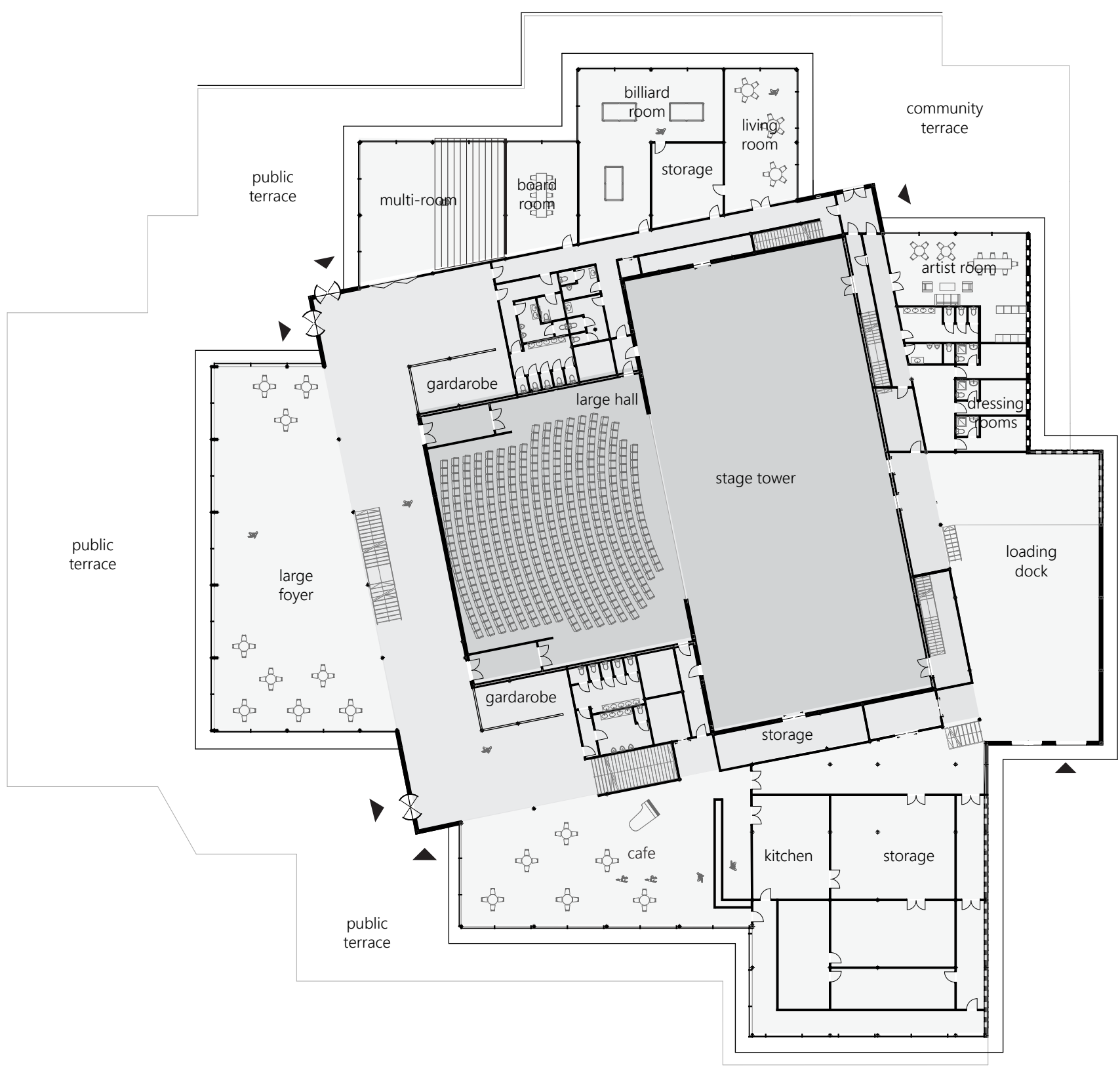
FLOORPLANS



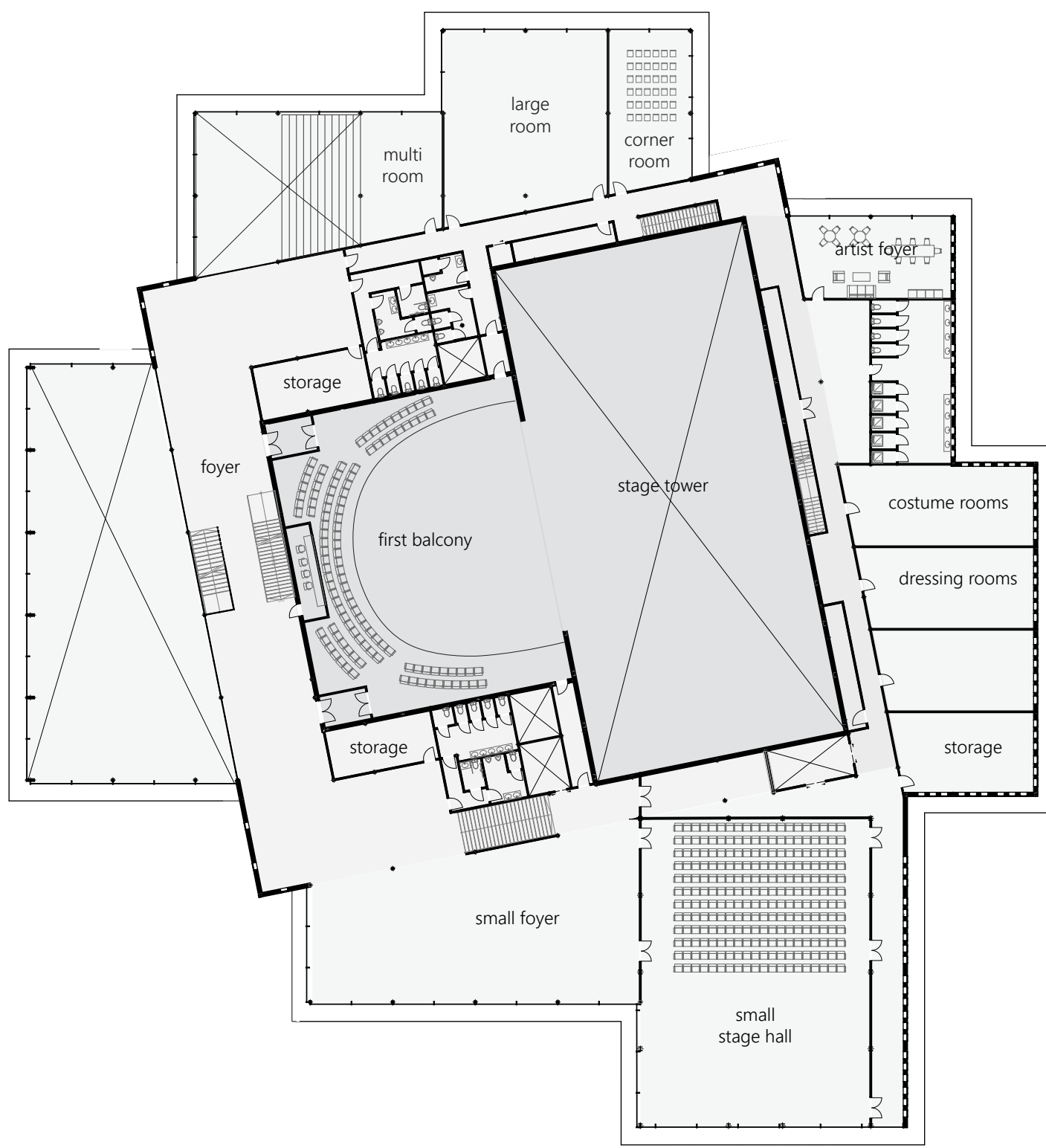
COMMUNITY	AUDIENCE	ARTISTS + PRODUCTION	THEATRE STAFF
living room dance / music room billiard room course room meeting room	foyers cafe gardarobe	dressing rooms rehearsal rooms artist foyer loading dock storage rooms tech. rooms	office rooms canteen storage rooms tech. rooms kitchen

CONCEPT FLOORPLAN

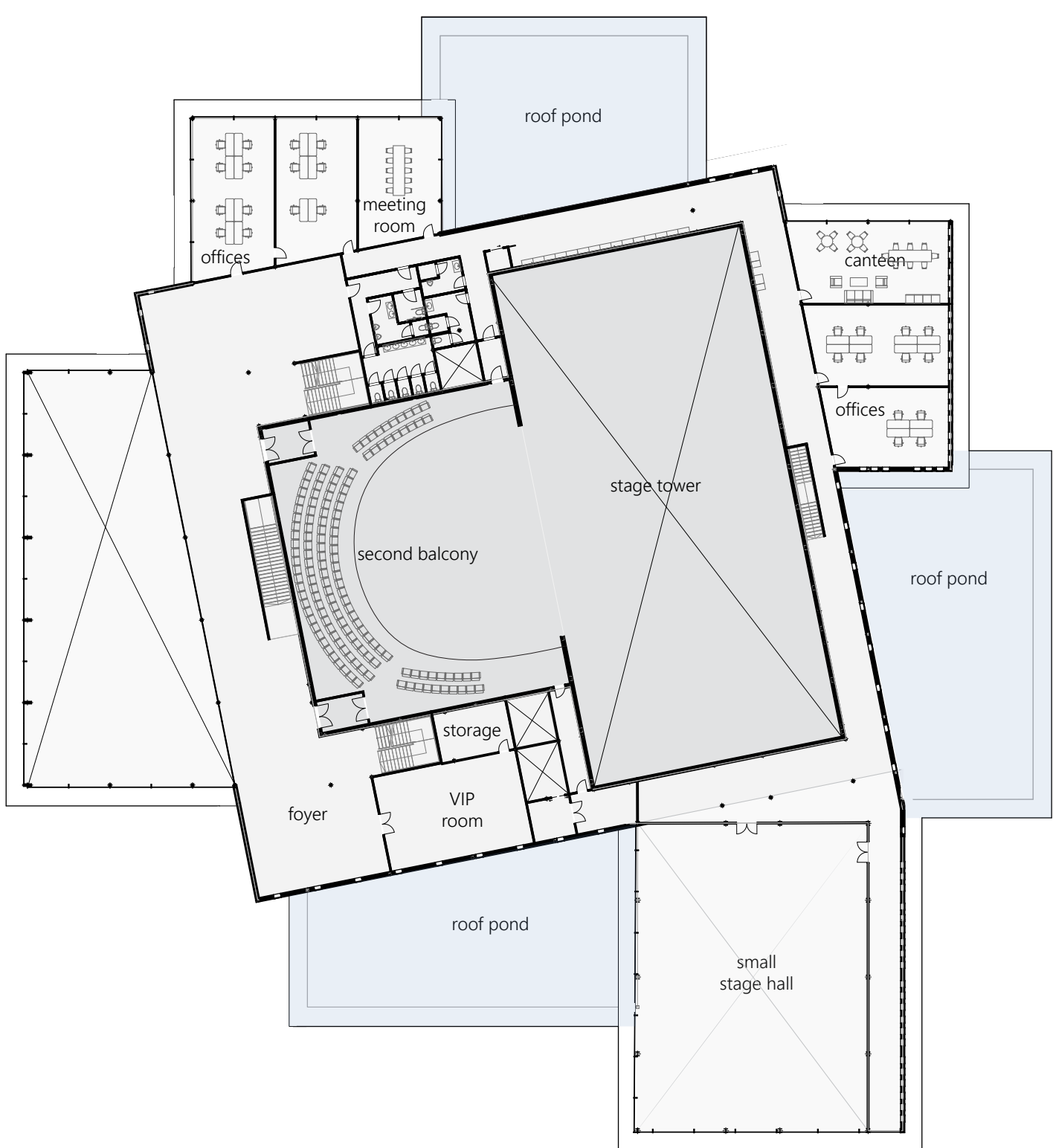
USERS & PROGRAMME



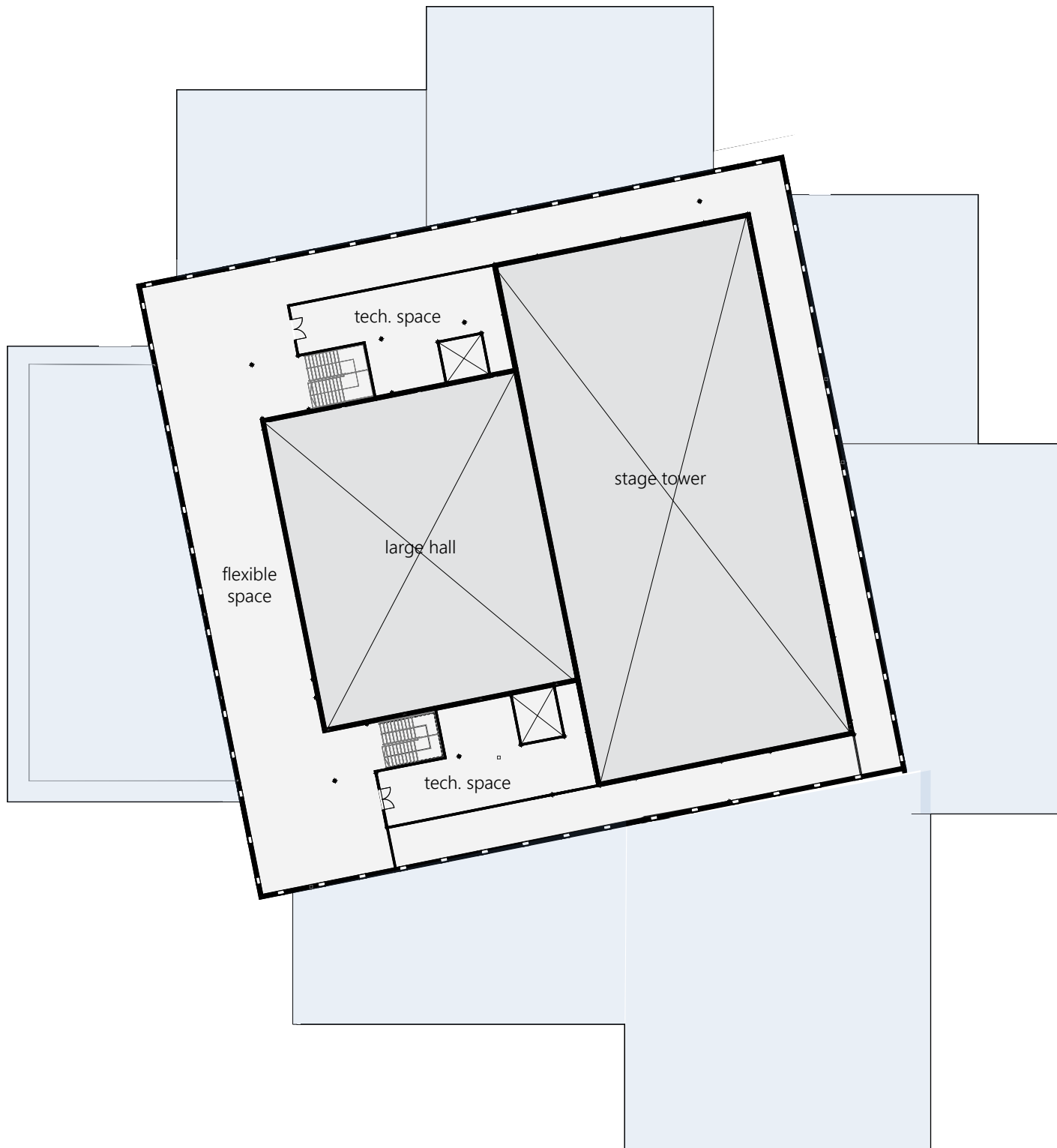
GROUND FLOOR



LEVEL 1

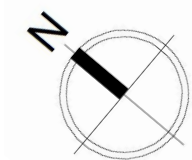


LEVEL 2

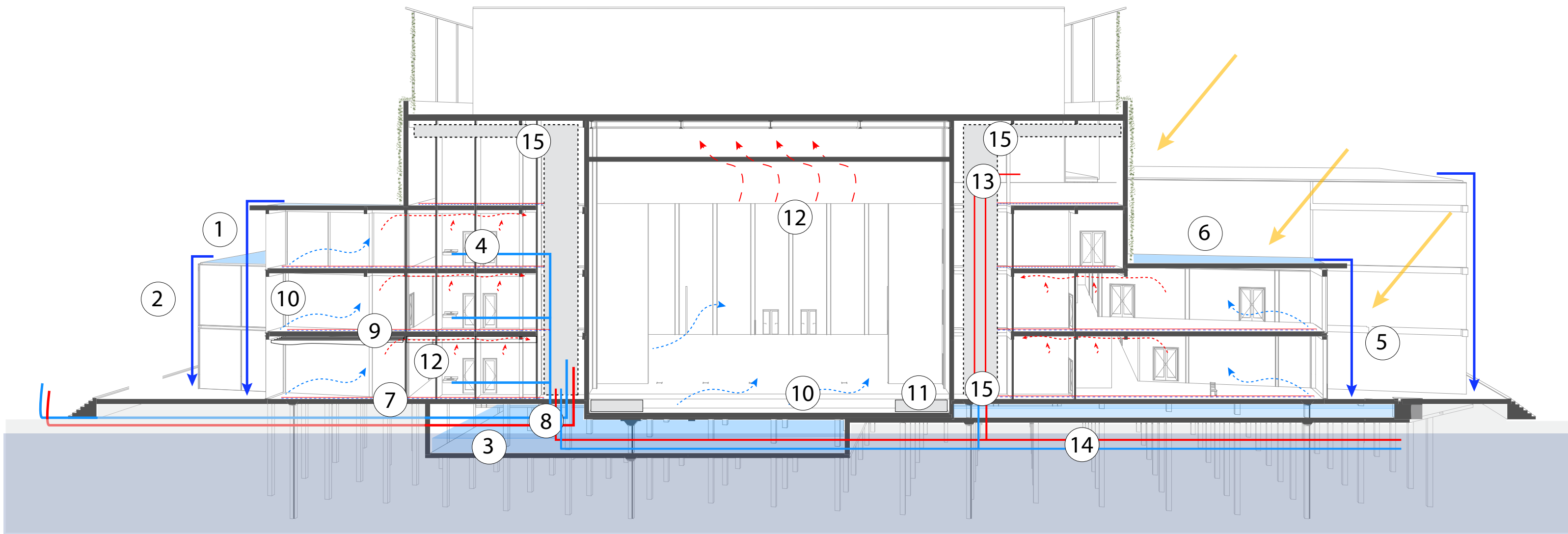


LEVEL 3

10m



CLIMATE



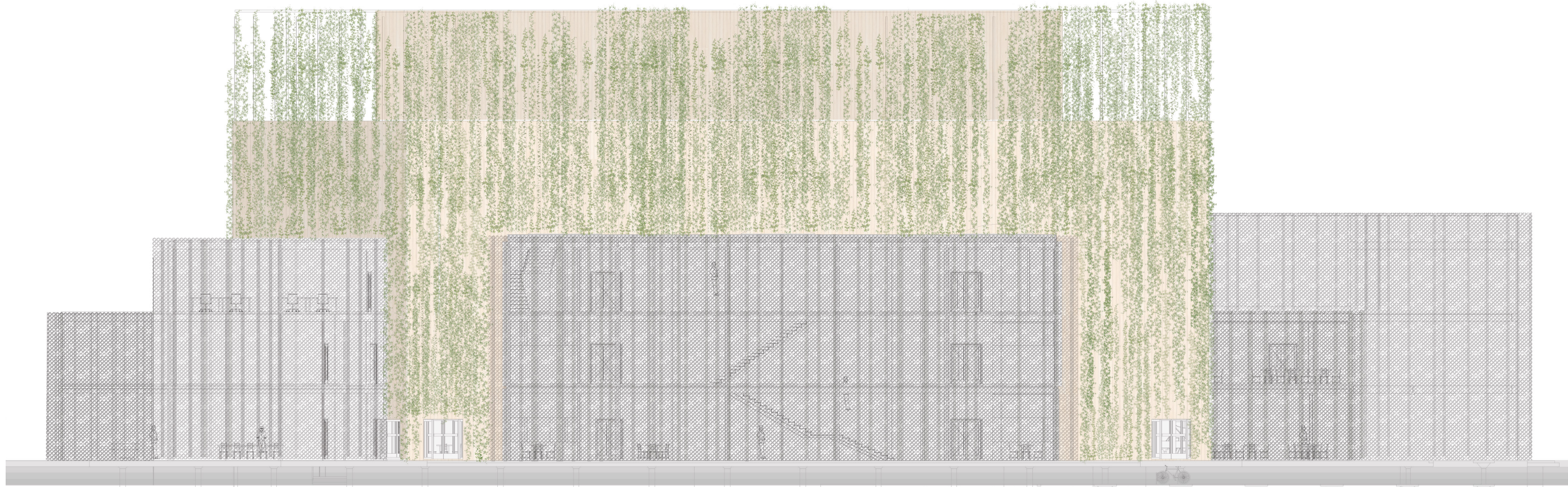
water + building envelope

- 1 rainwaterwater storage on roofs
- 2 rainwater discharge through rain curtains
- 3 rainwater storage below building
- 4 reuse stored rainwater for flushing toilets and irrigating plants
- 5 rain curtains and facade plants for shading and cooling the air through evaporation
- 6 roof ponds buffer solar heat

heating + ventilation

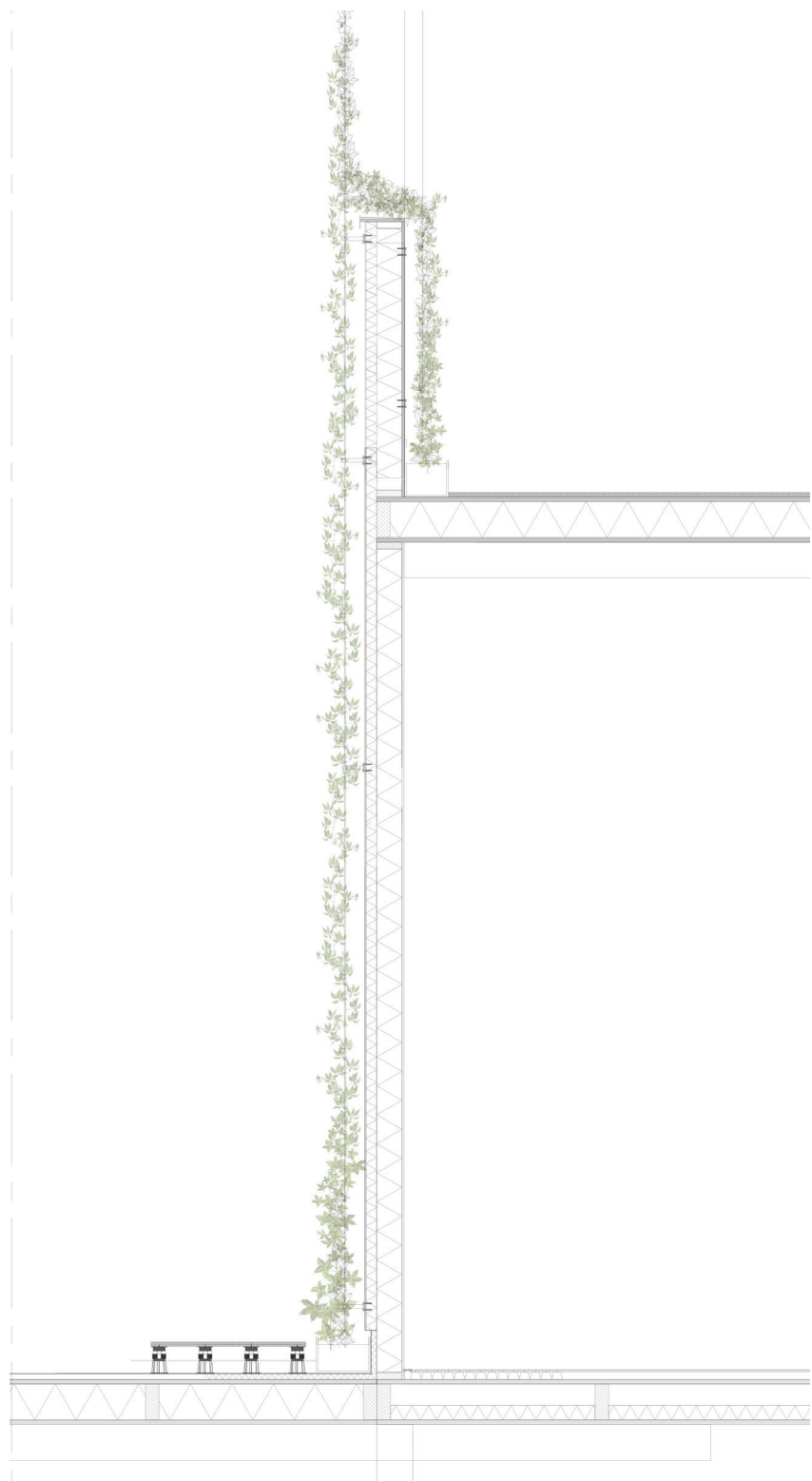
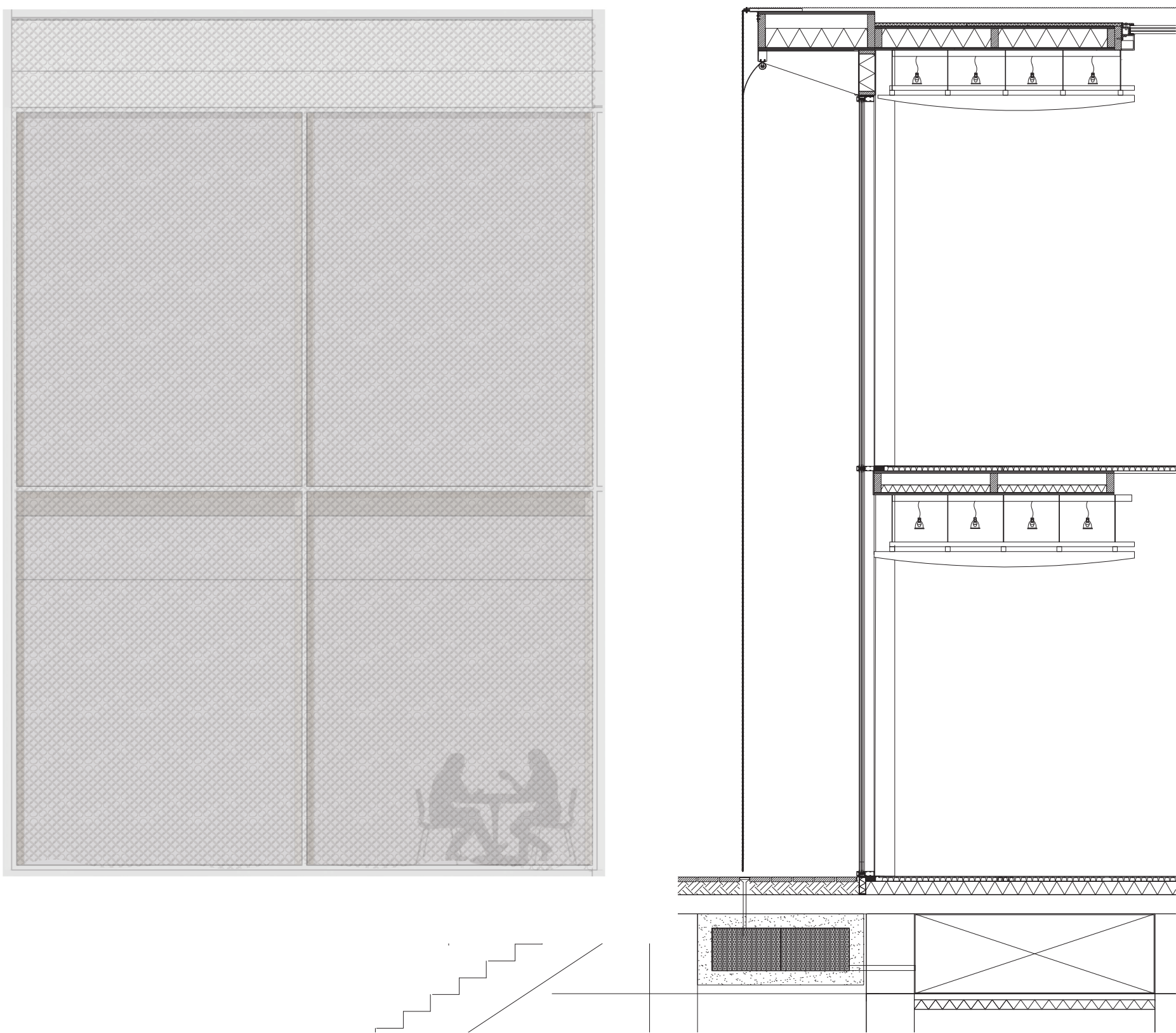
- 7 low temperature water floor heating or cooling
- 8 ventilation air pre-cooled or heated by stored water
- 9 ventilation air further pre-cooled or heated via ventilation floor
- 10 ventilation air inlets below theatre chairs and via ventilation floor
- 11 air handling units below tribune
- 12 air outlet via lowered ceilings and above tech. bridge (behind baffles)
- 13 heat recovery from ventilation air and shower/kitchen water
- 14 horizontal ground heat exchanger
- 15 shafts for heat pump, air handling units, heat recovery units, water pipes

FACADES

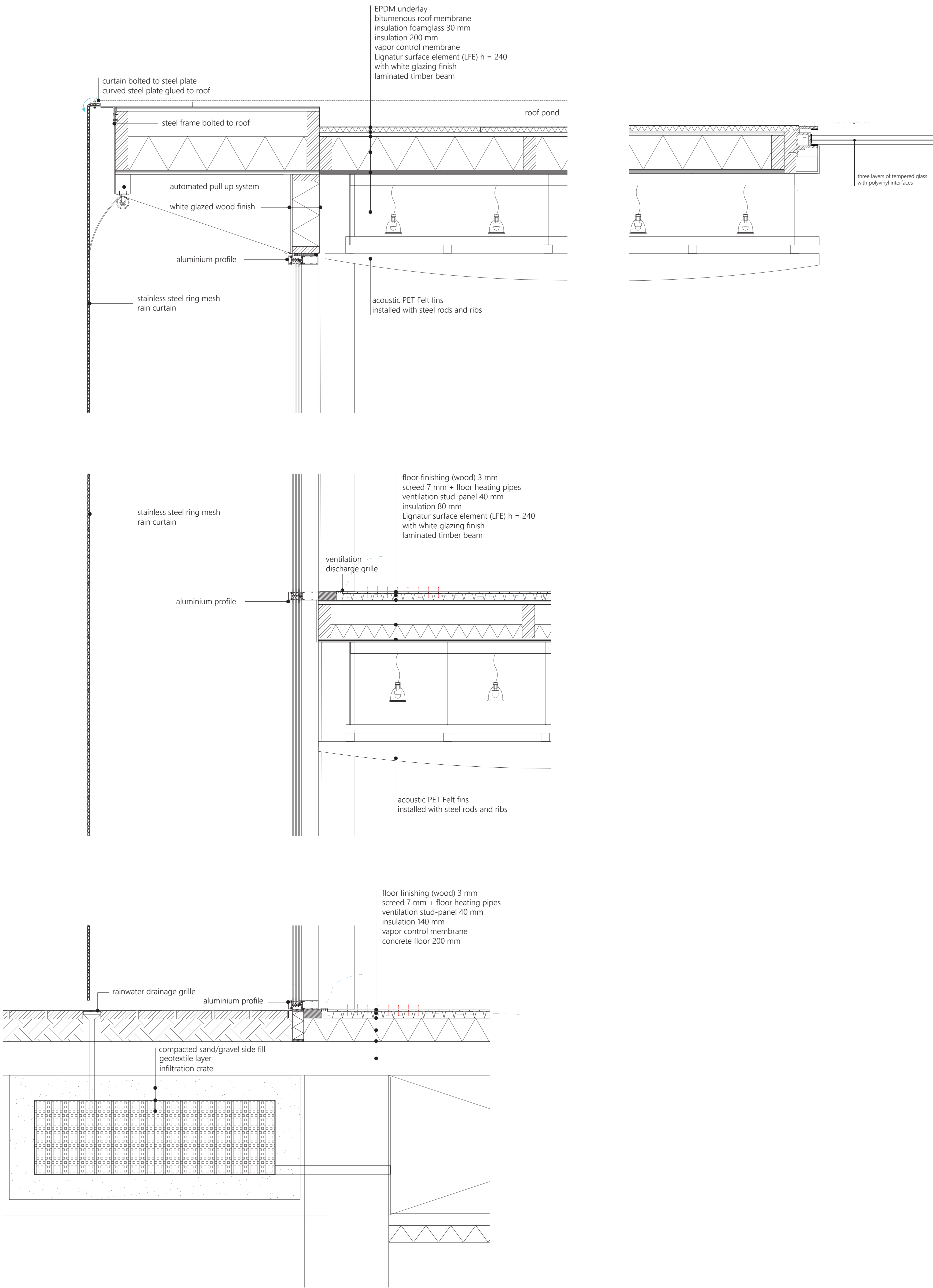


FACADE FRAGMENT
curtain facade

FACADE FRAGMENT
indirect green facade



DETAILS 1:10



URBAN PLAN



- | | |
|--|--|
| 1 open air theatre turns into water square | 4 pervious (open joint) pavement |
| 2 wadi's | 5 parking spots community centre + artists |
| 3 pond + water playground | 6 water from elevated terraces drained towards underground storage |

URBAN WATER SYSTEM

