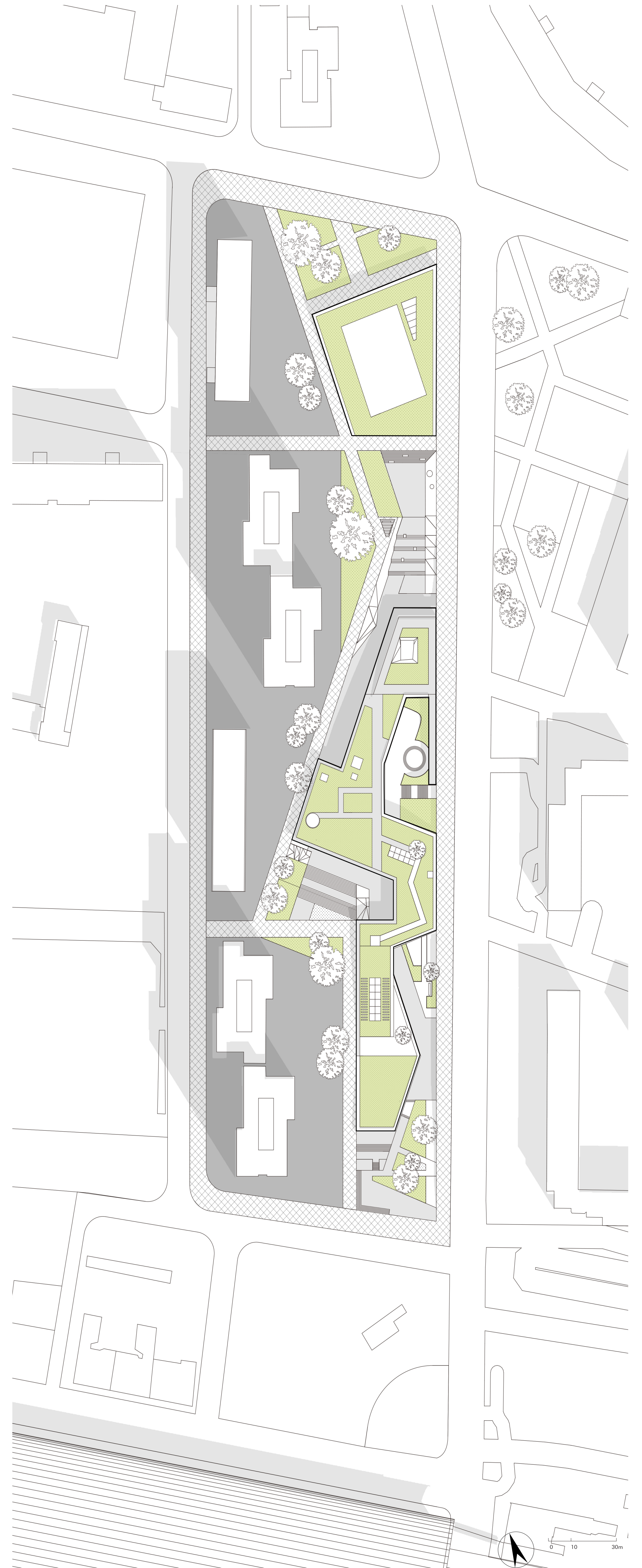


URBAN-PLAY-SCAPE

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Ye Ren 5495636 Tutors: Ir. Henk Bullstra Ir. Florian Eckardt Dr. Stefano Corbo

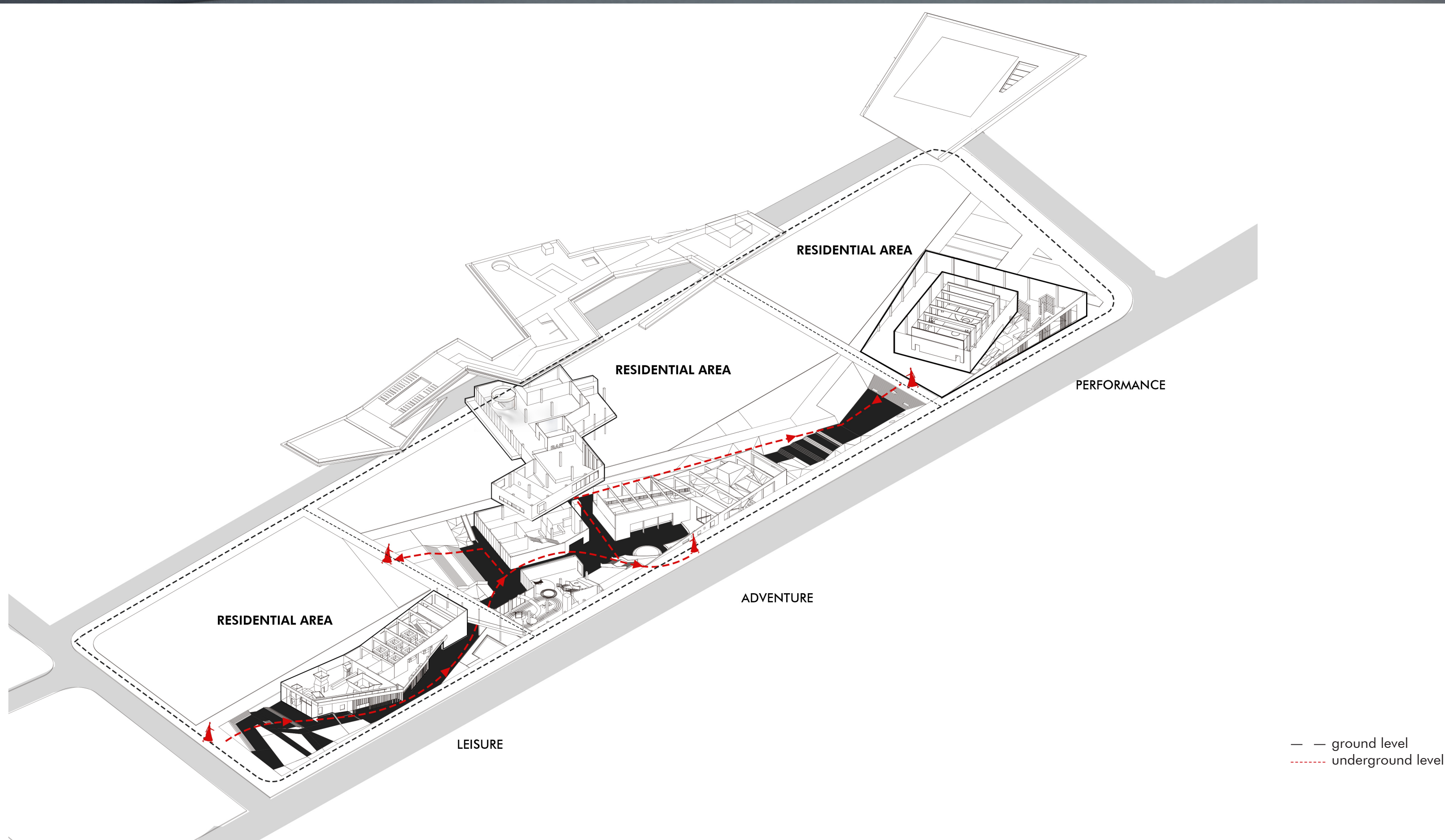


SITE PLAN



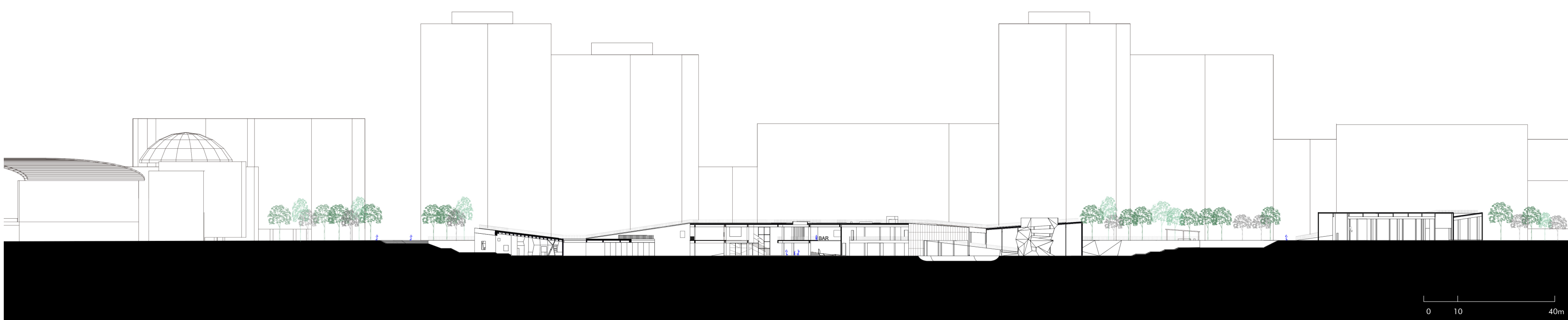
CIRCULATION

EXTERIOR



URBAN SECTION

ROOFTOP

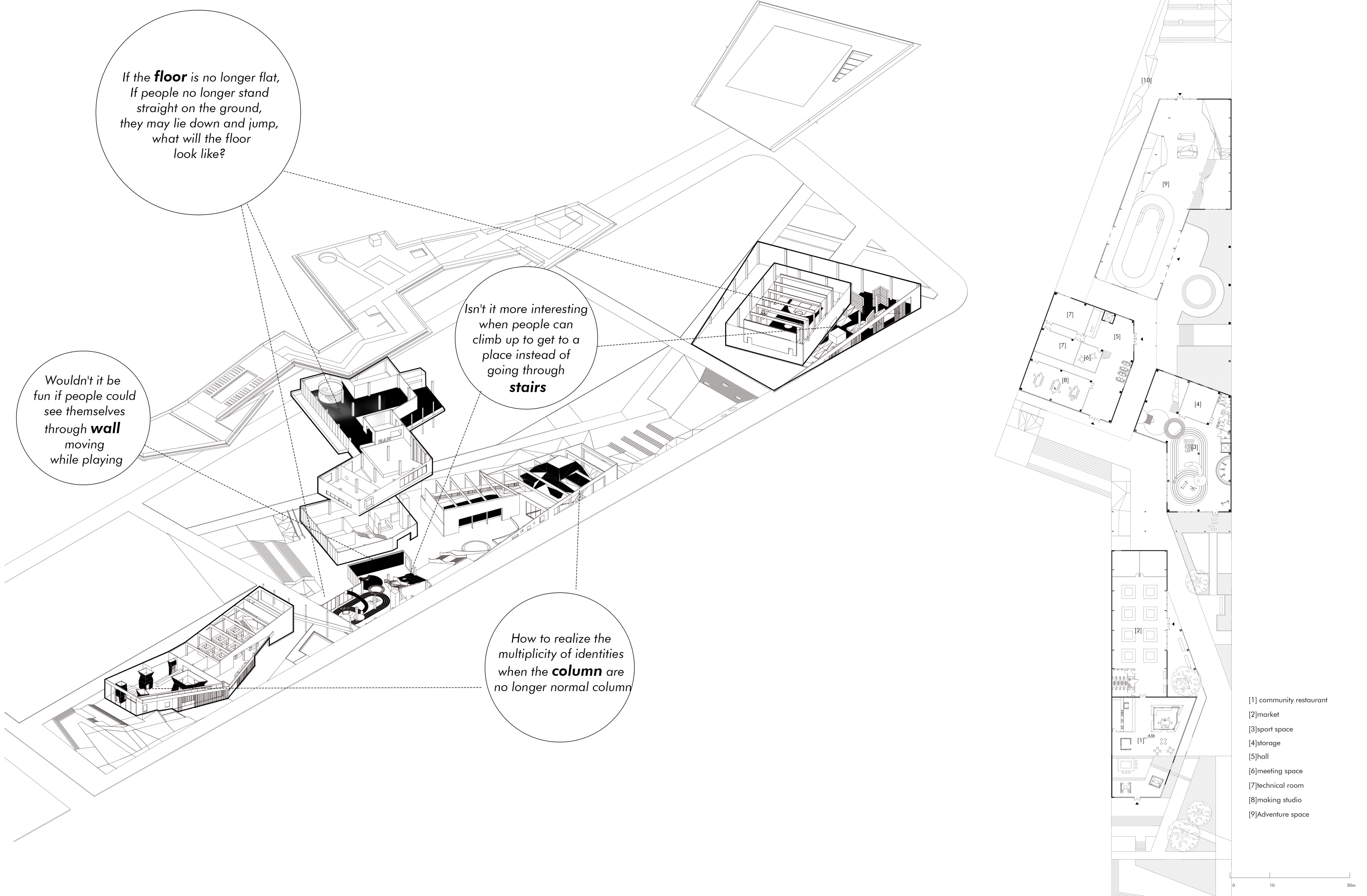


URBAN-PLAY-SCAPE

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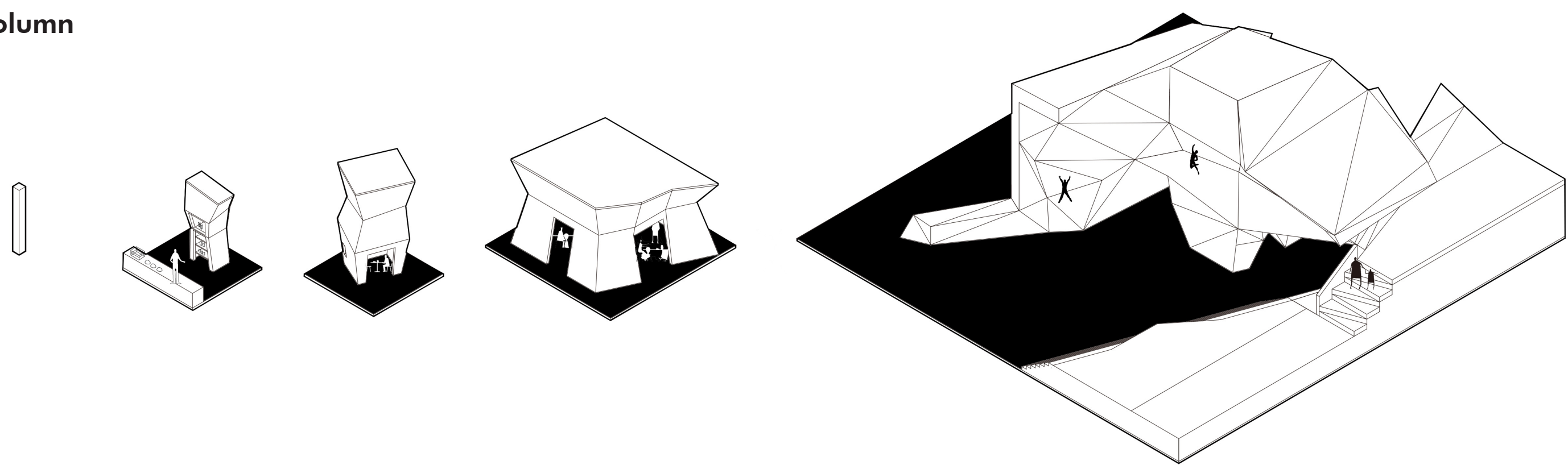
CIRCULATION

UNDERGROUND FLOORPLAN -4.50

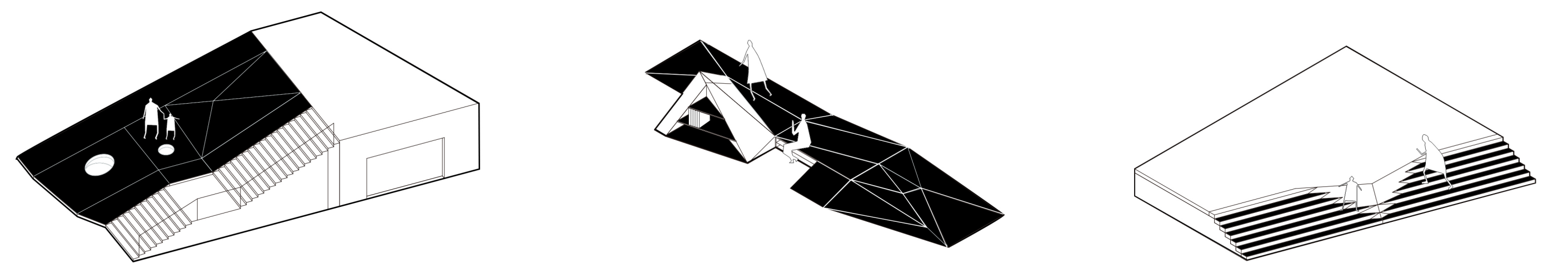


TYPE OF RULES

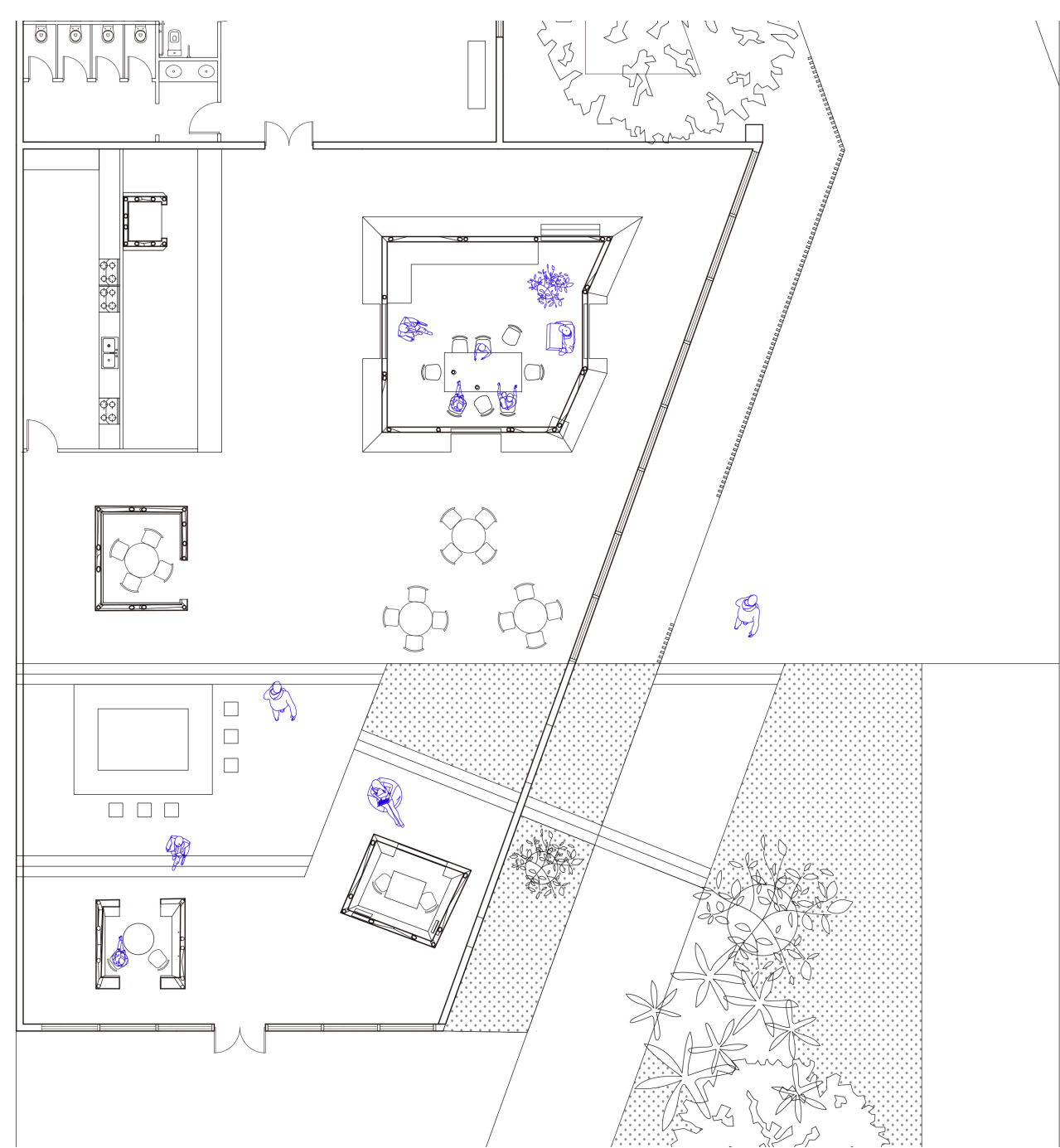
Column



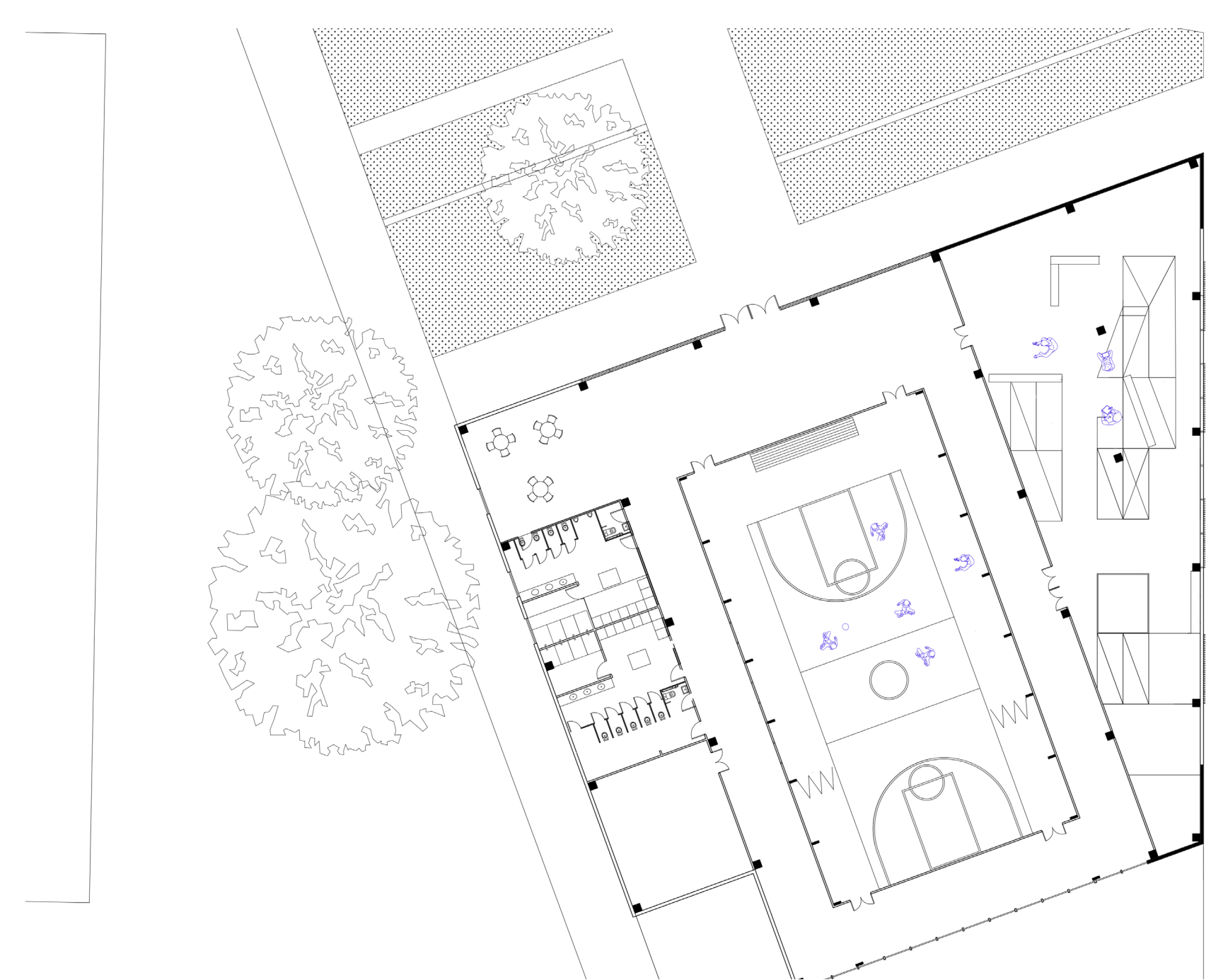
Staircase



Restaurant

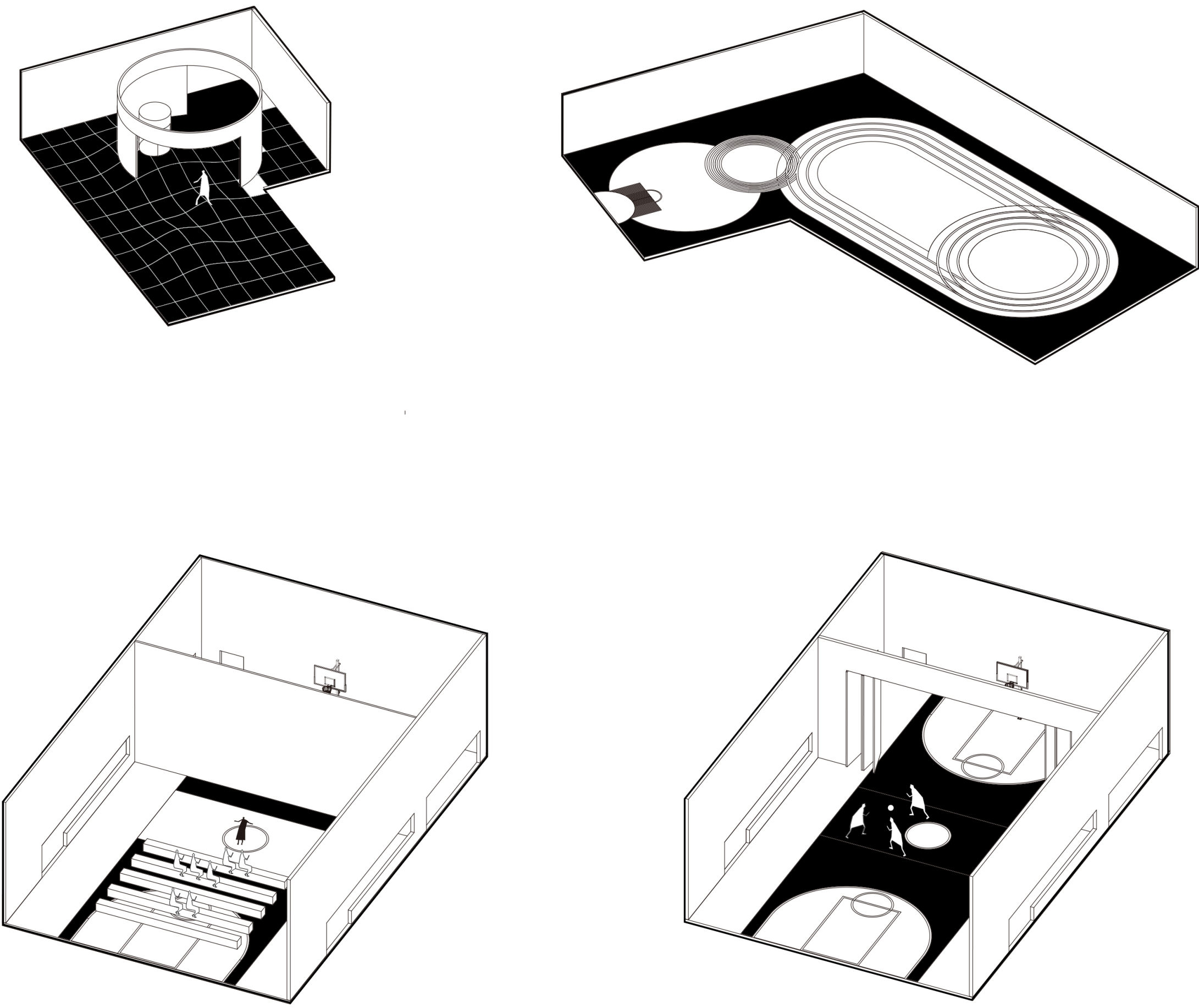


Library



TYPE OF RULES

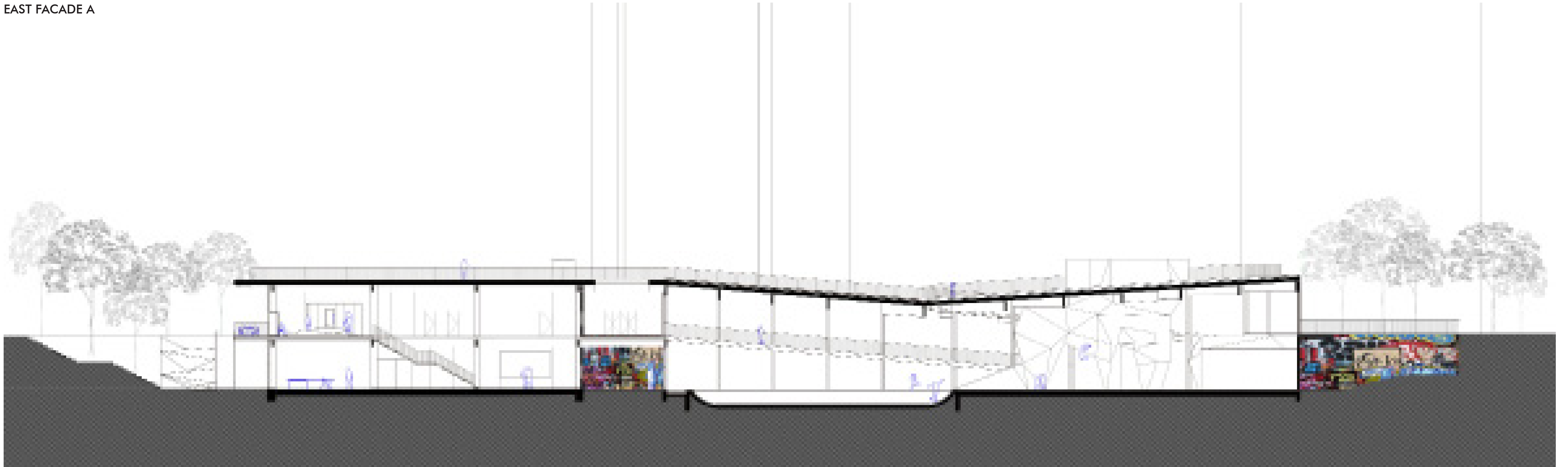
Floor



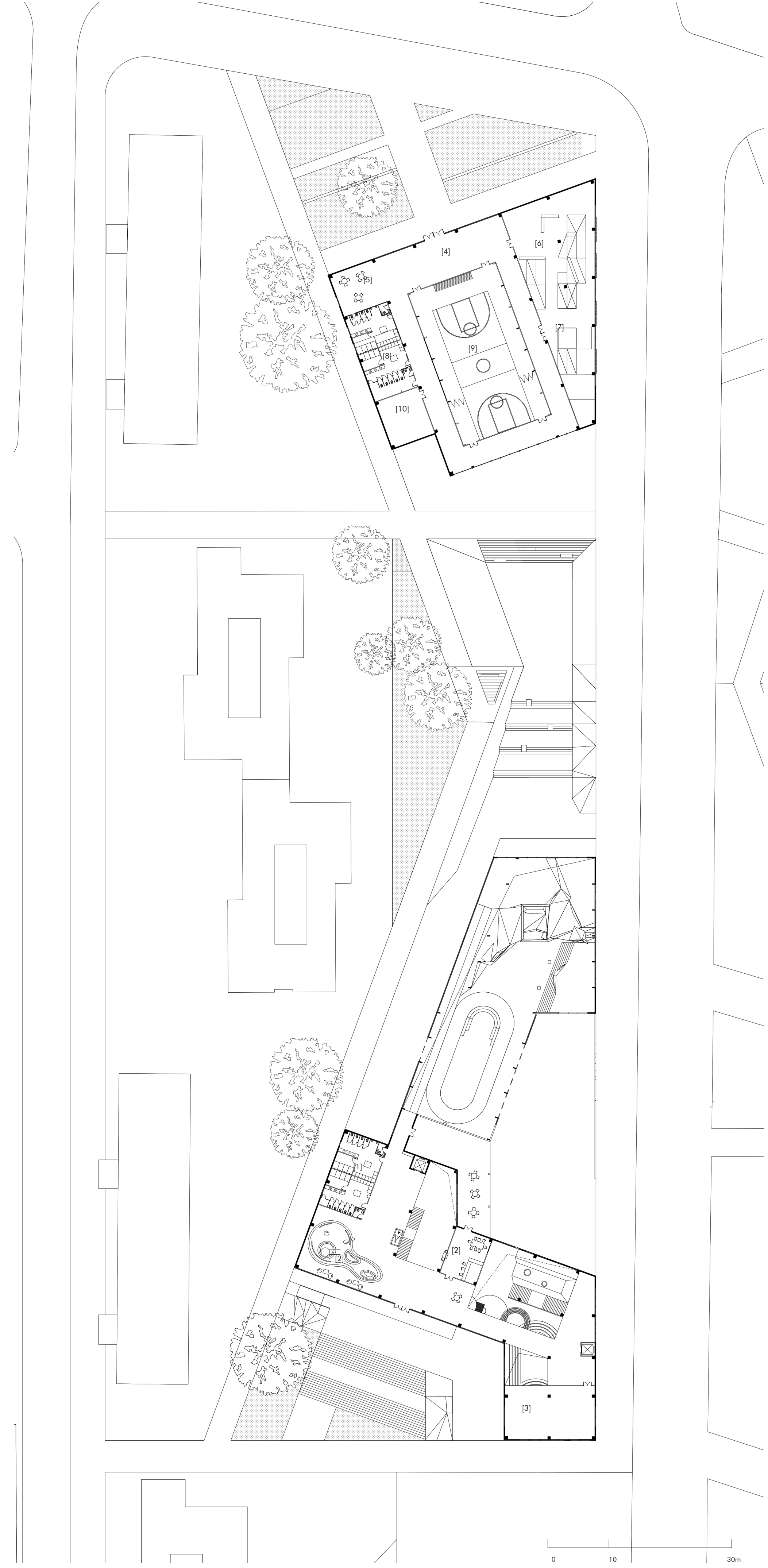
Auditorium&Basketball court



EAST FACADE A



GROUND FLOORPLAN



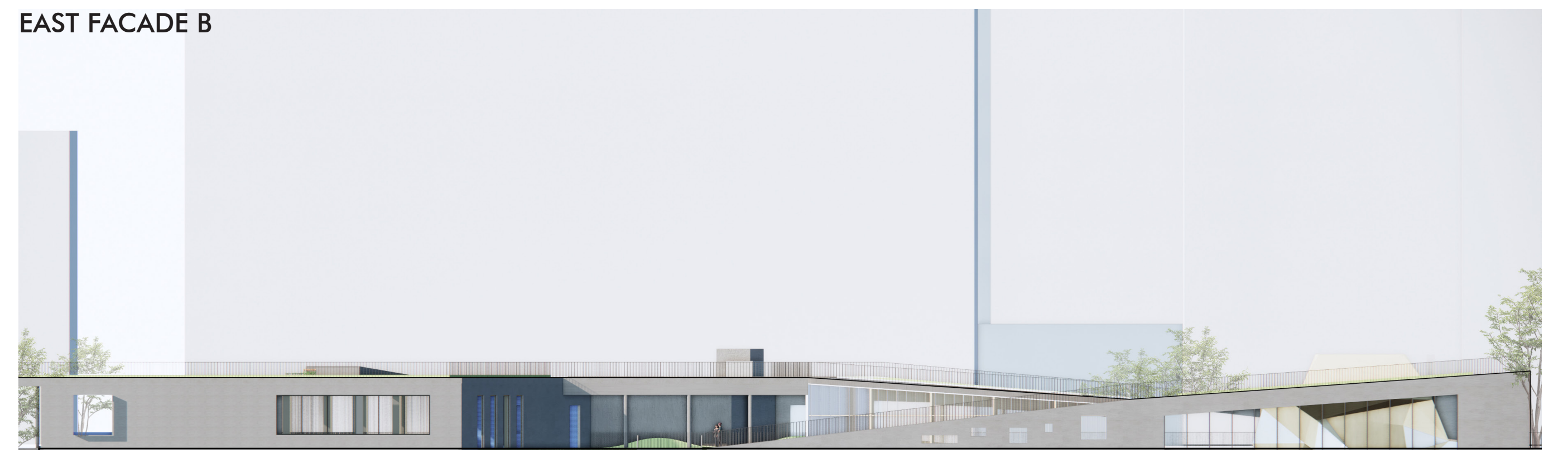
- [4] hall
- [5] exhibition
- [6] library
- [7] cafe
- [8] toilet & change room
- [9] auditorium & sport field
- [10] technical room

- [1] change room
- [2] bar
- [3] dance room

EAST FACADE A



EAST FACADE B

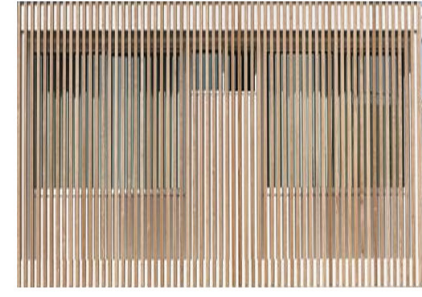


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WALL-Materialisation

Hollow



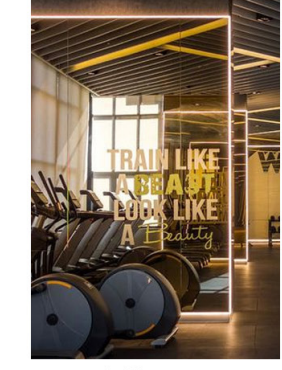
Timber grill
The definition of indoor and outdoor

Semi transparent



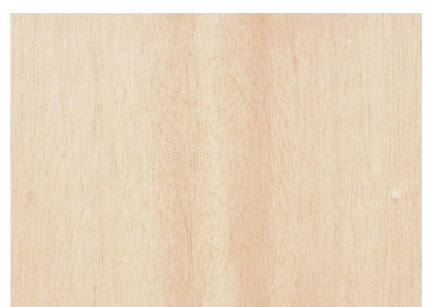
Polycarbonate
vague reflection

Reflection

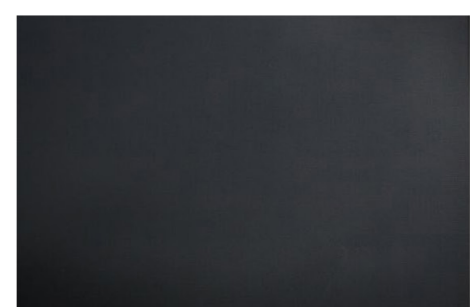


Mirror

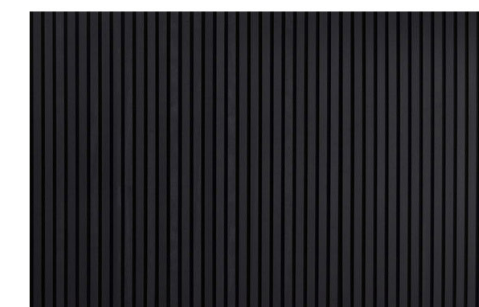
Solid wall



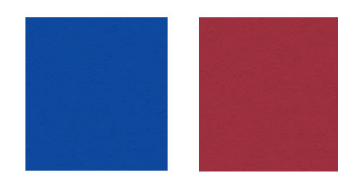
multiplex board



Black matt lacquered walls

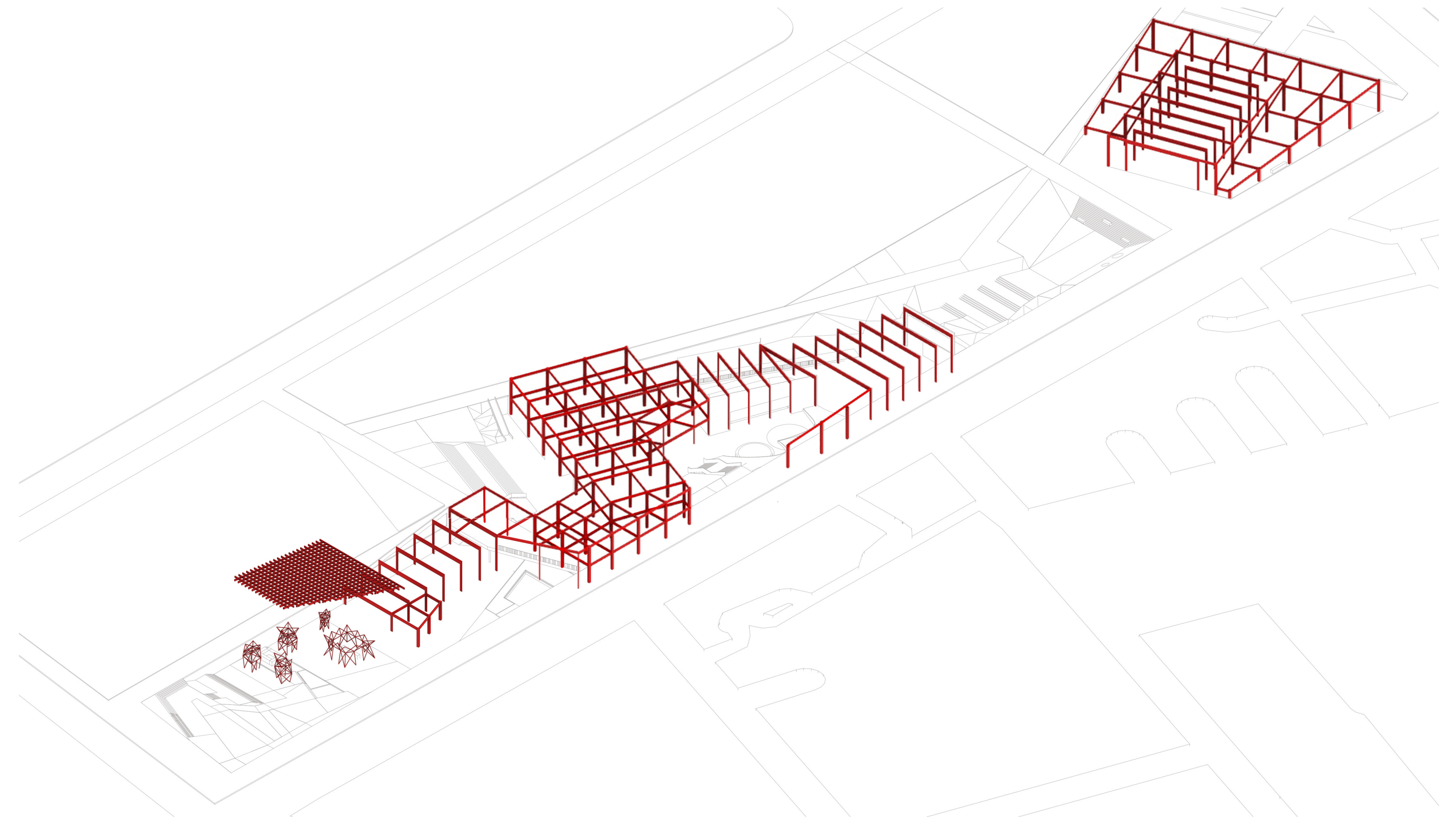


Black matt acoustic slit wall panel

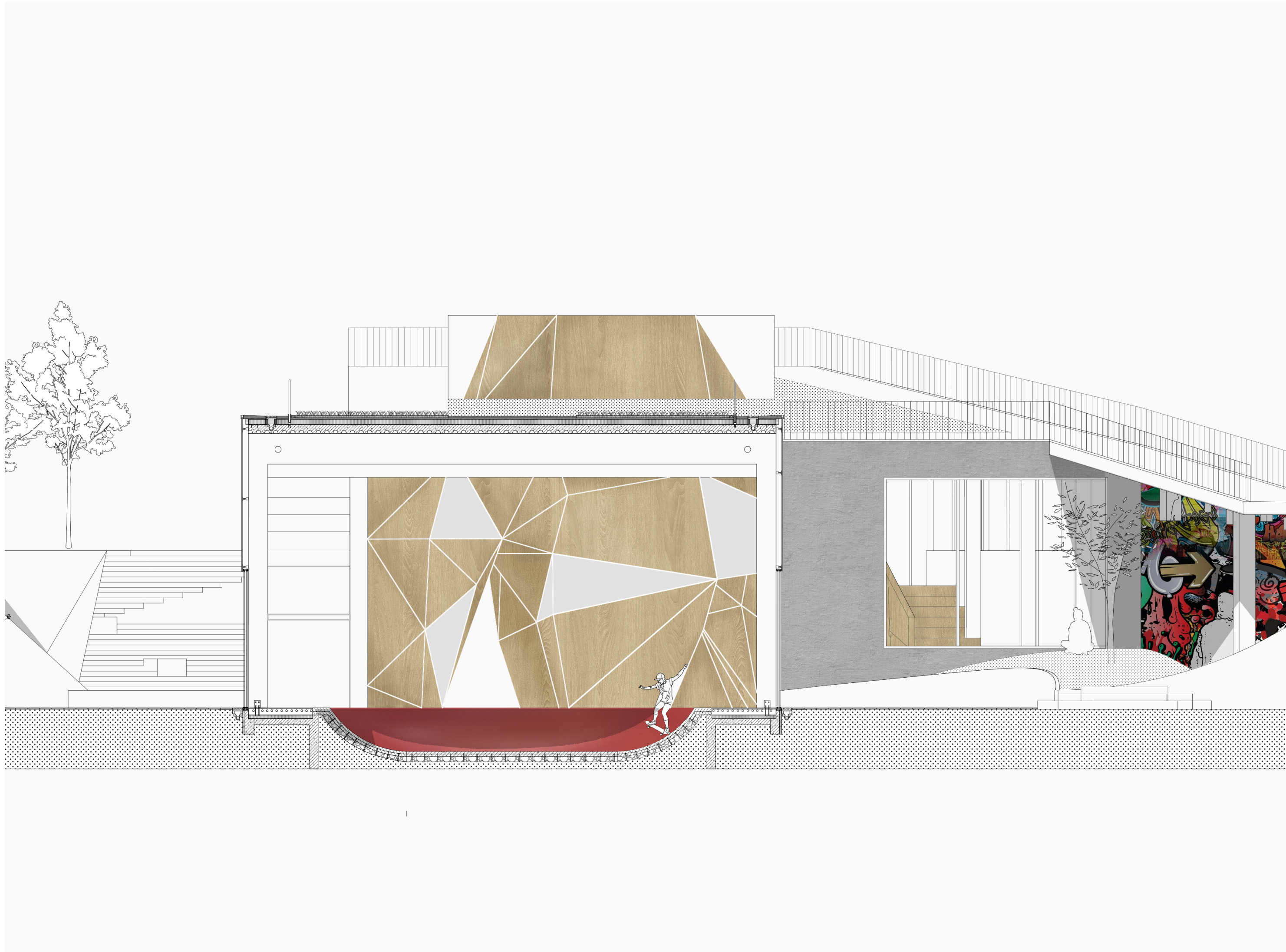


blue&red painter plaster wall

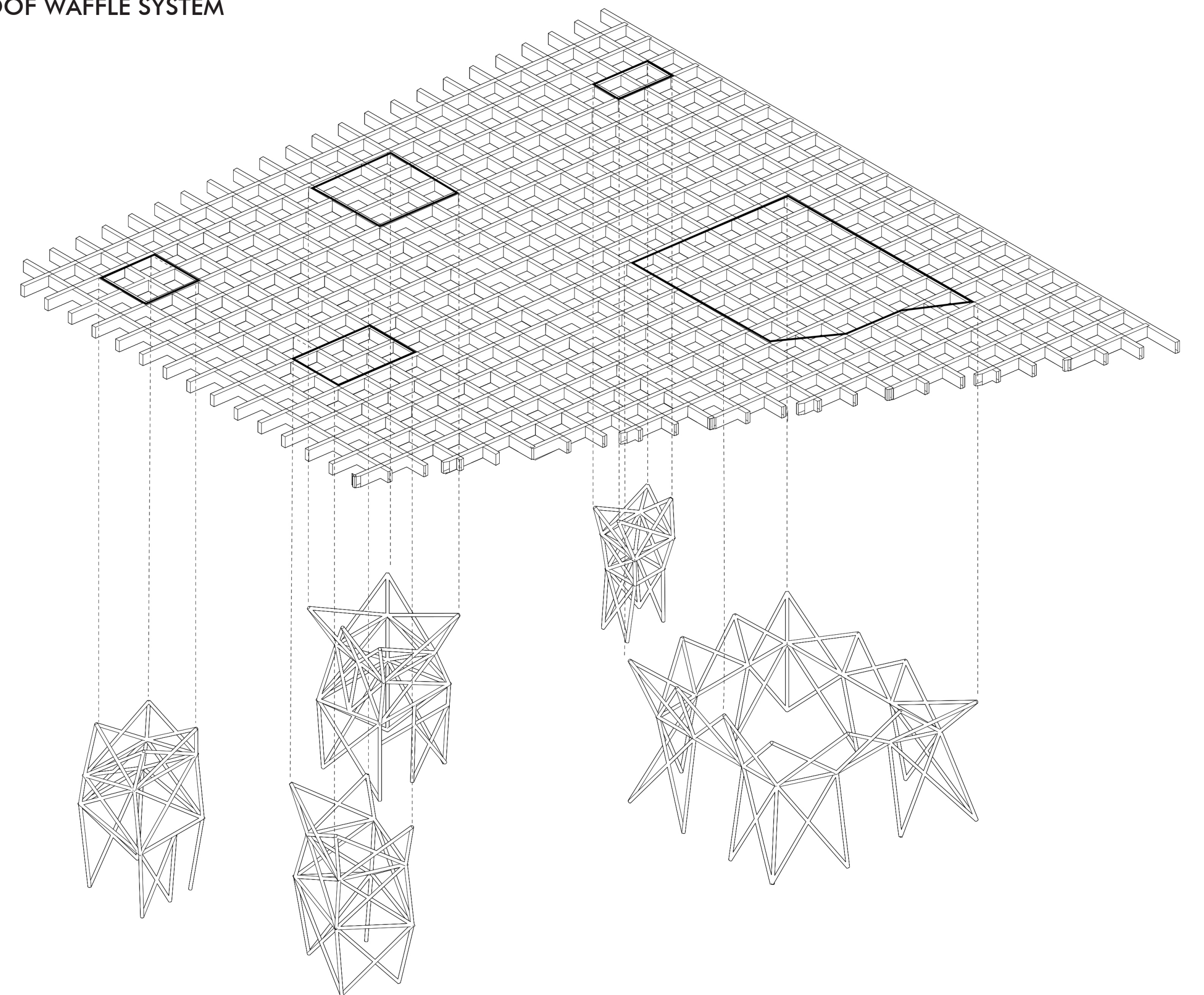
STRUCTURE SYSTEM



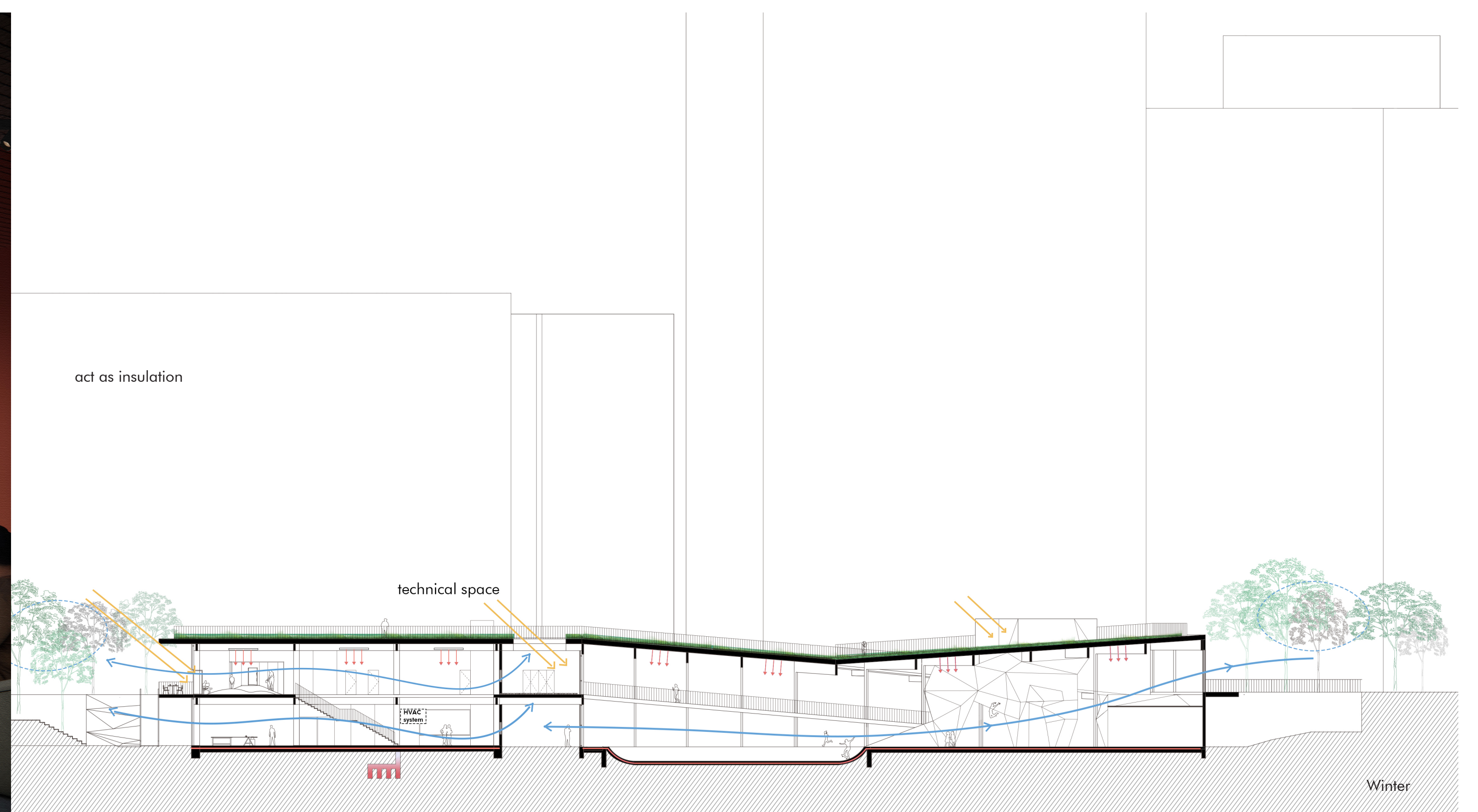
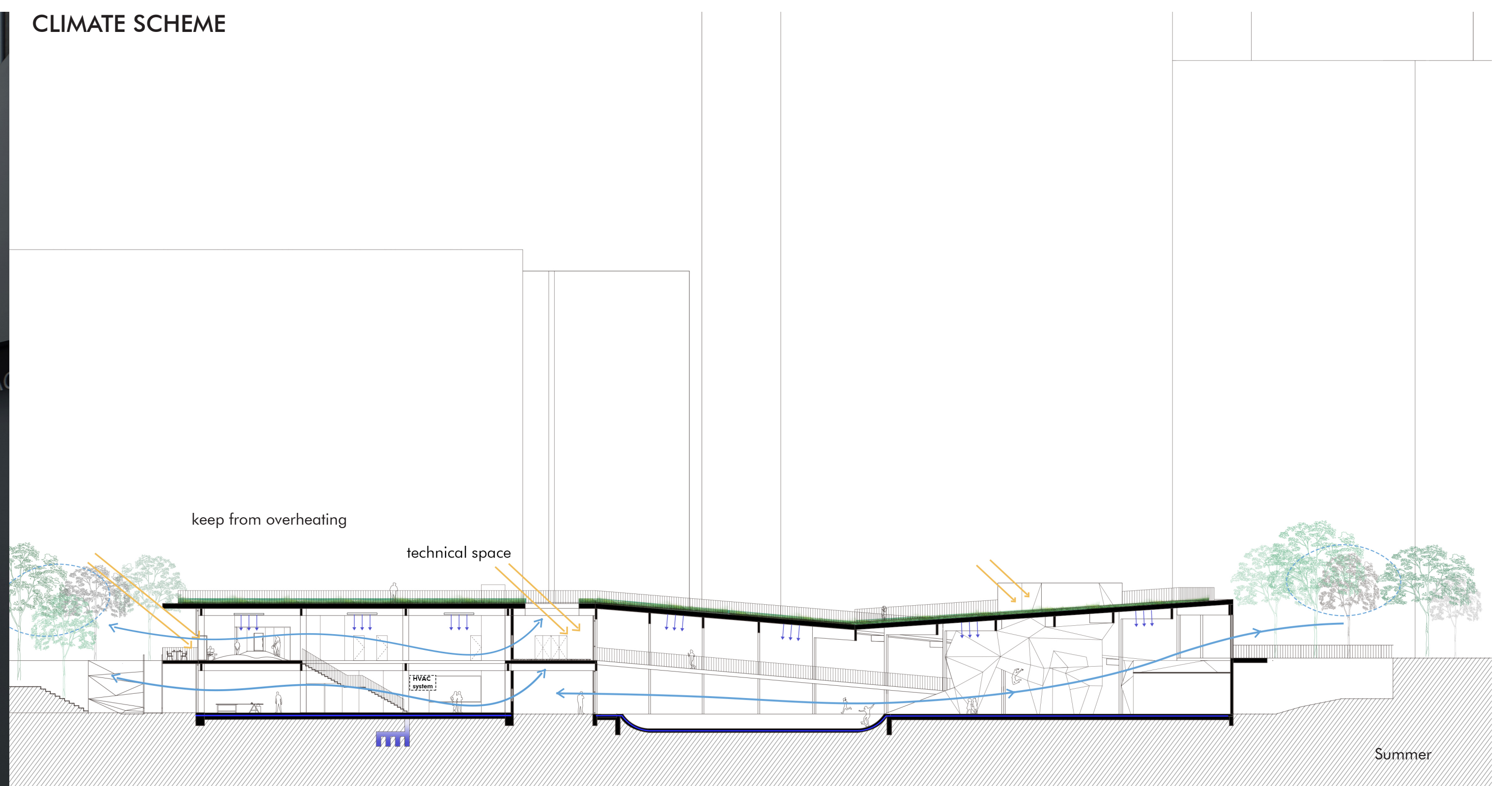
CROSS OUT SECTION



RESTAURANT ROOF WAFFLE SYSTEM



CLIMATE SCHEME

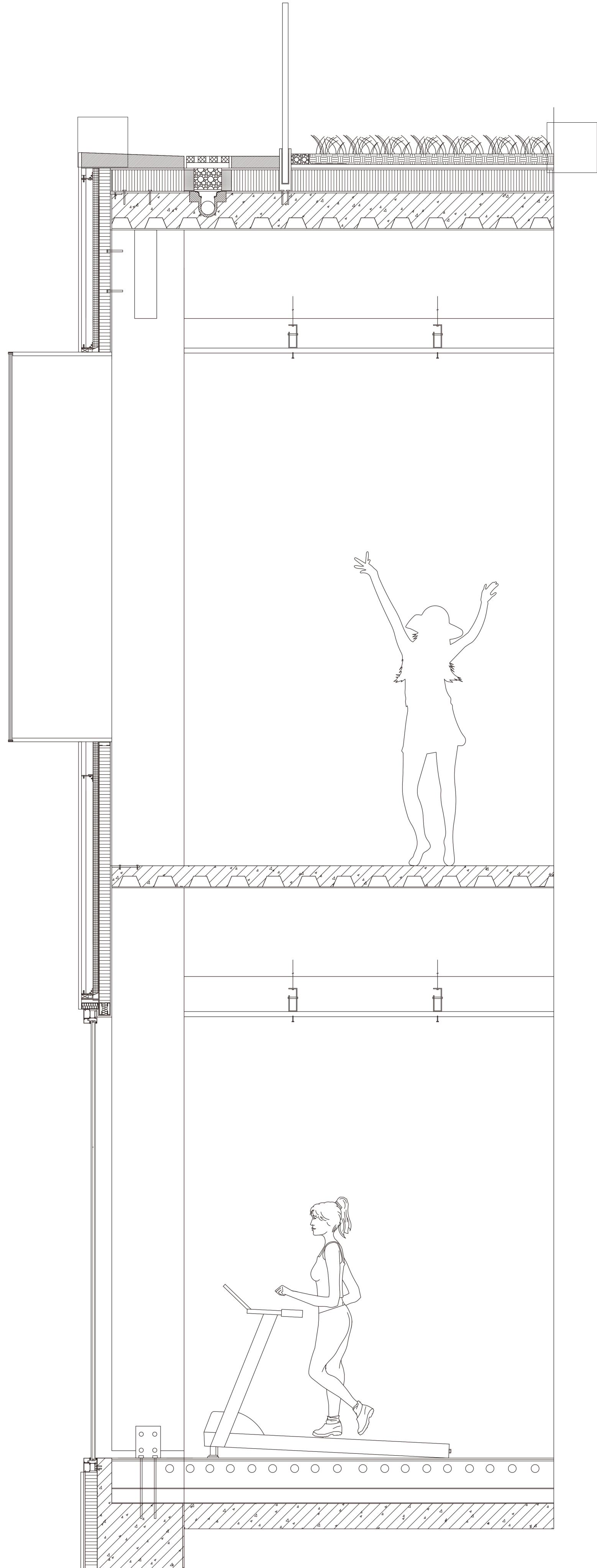


URBAN-PLAY-SCAPE

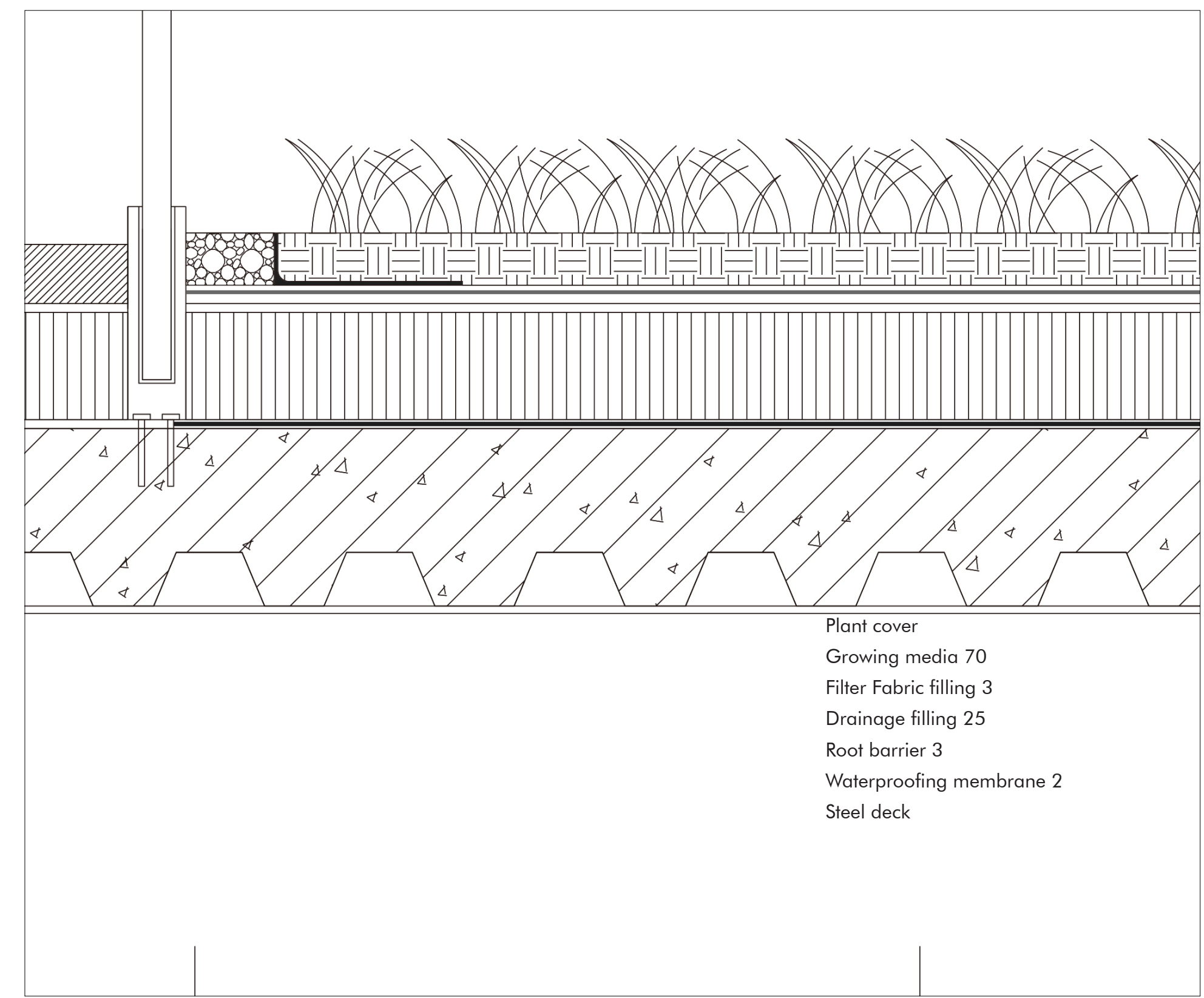
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FRAGMENT 1

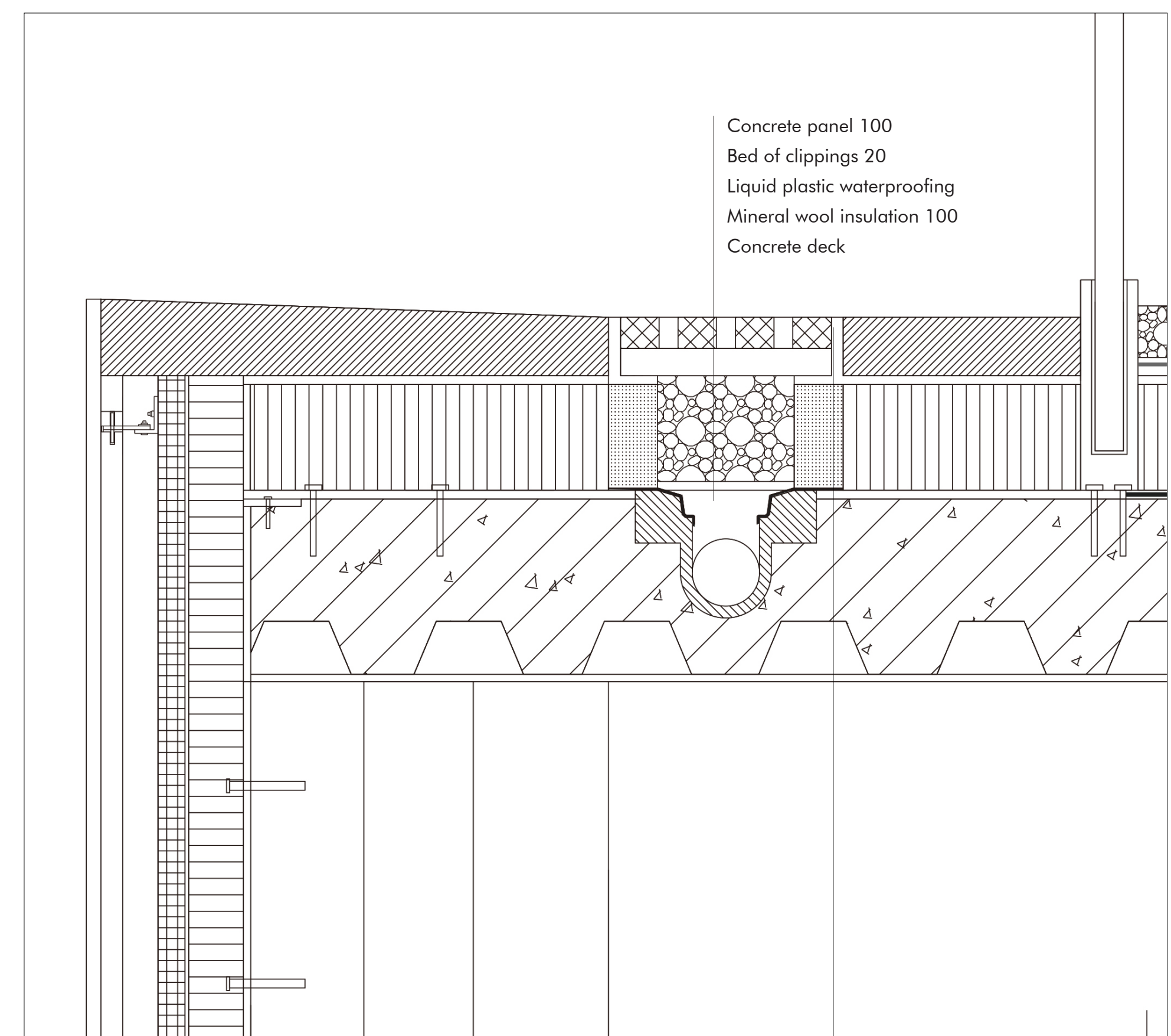


DETAIL A
Green roof



Plant cover
Growing media 70
Filter Fabric filling 3
Drainage filling 25
Root barrier 3
Waterproofing membrane 2
Steel deck

DETAIL B
Roof gutter

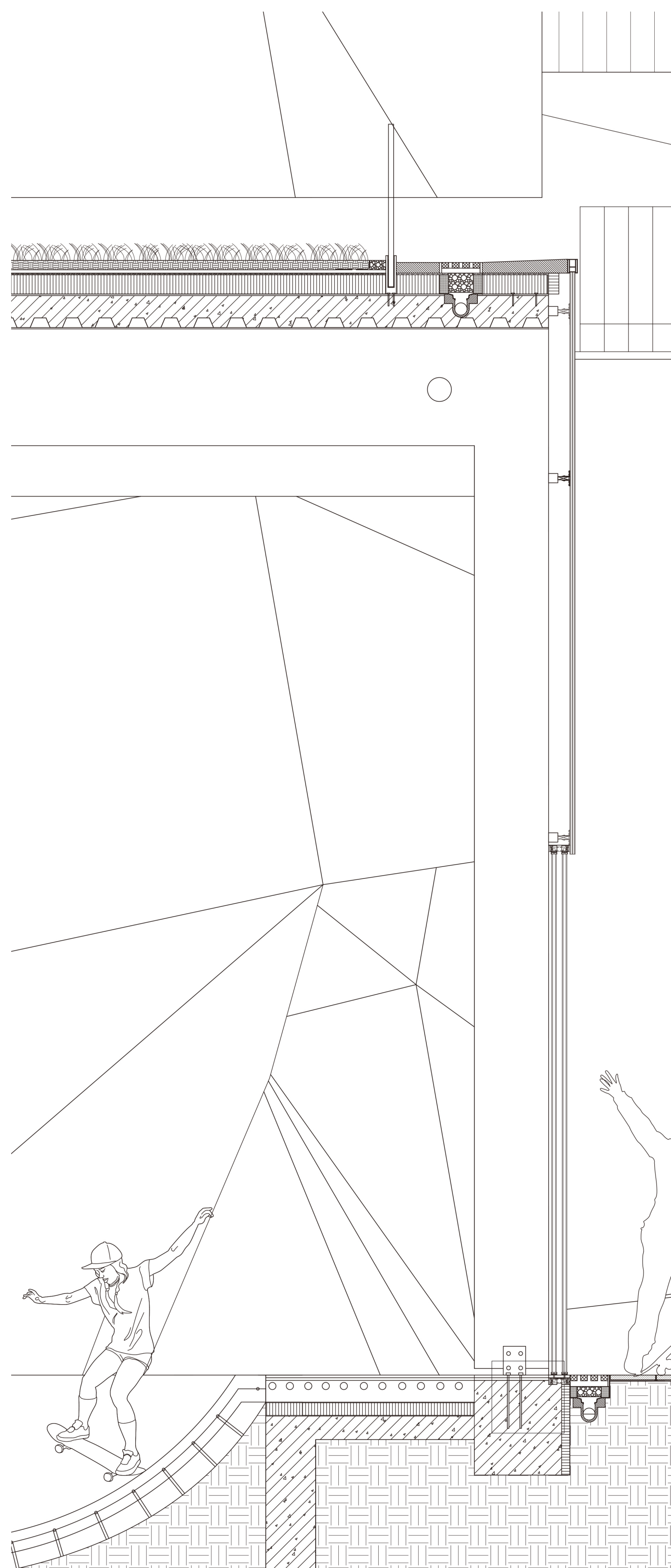


Concrete panel 100
Bed of clippings 20
Liquid plastic waterproofing
Mineral wool insulation 100
Concrete deck

Plaster 10 (rough 10)
Aqua panel 18
L type fixed steel parts expand anchor bolt
Bolt nut washer
Flexible slab plug
Air space
Rigid insulation 40
Mineral wool insulation 100
Sheathing
Vapor barrier

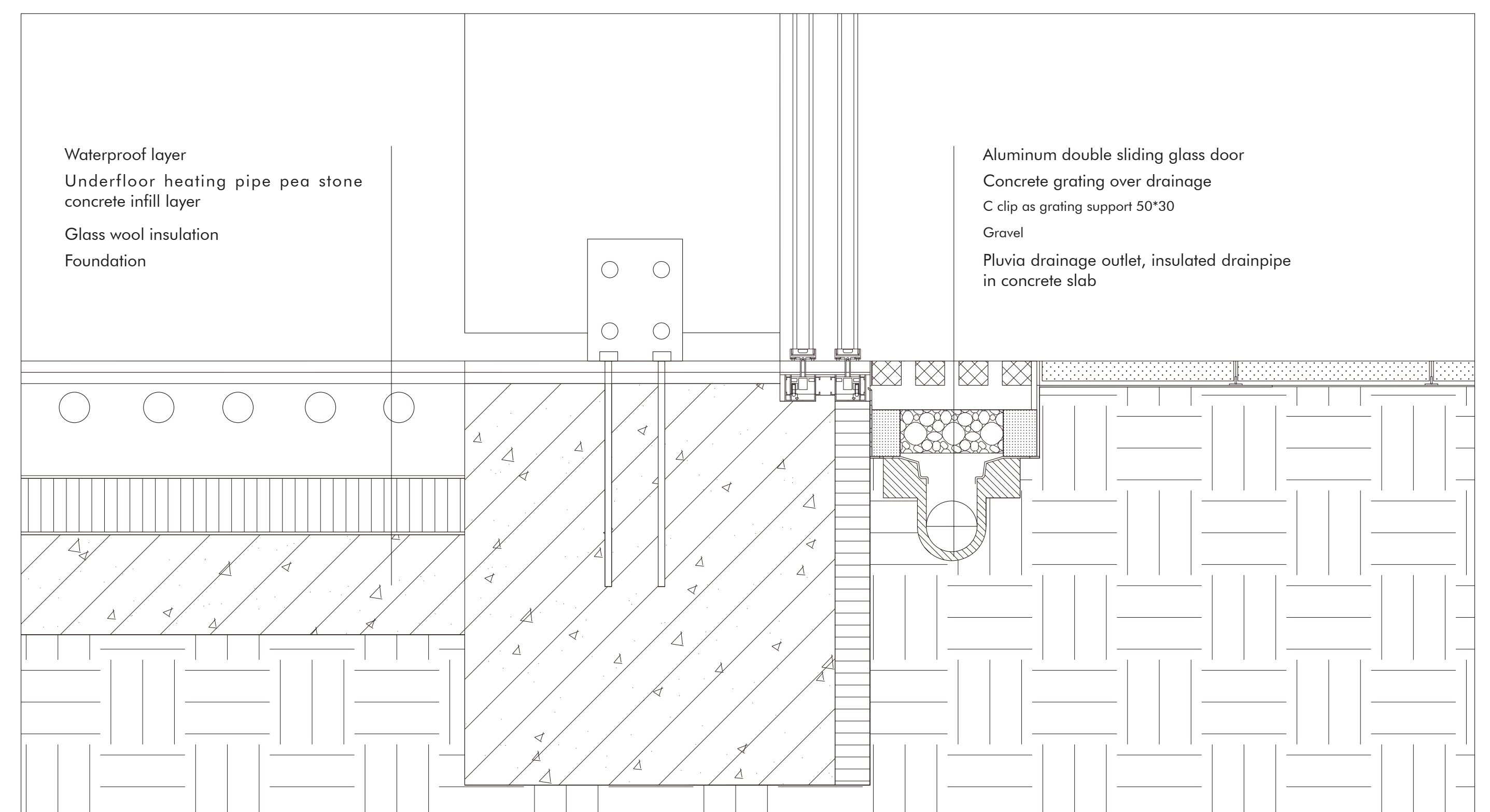
Concrete grating over drainage
C clip as grating support 50*30
Gravel
Pluvia drainage outlet, insulated drainpipe in concrete slab

FRAGMENT 2



DETAIL C

Flat&even from interior and exterior



Waterproof layer
Underfloor heating pipe pea stone
concrete infill layer
Glass wool insulation
Foundation

Aluminum double sliding glass door
Concrete grating over drainage
C clip as grating support 50*30
Gravel
Pluvia drainage outlet, insulated drainpipe in concrete slab