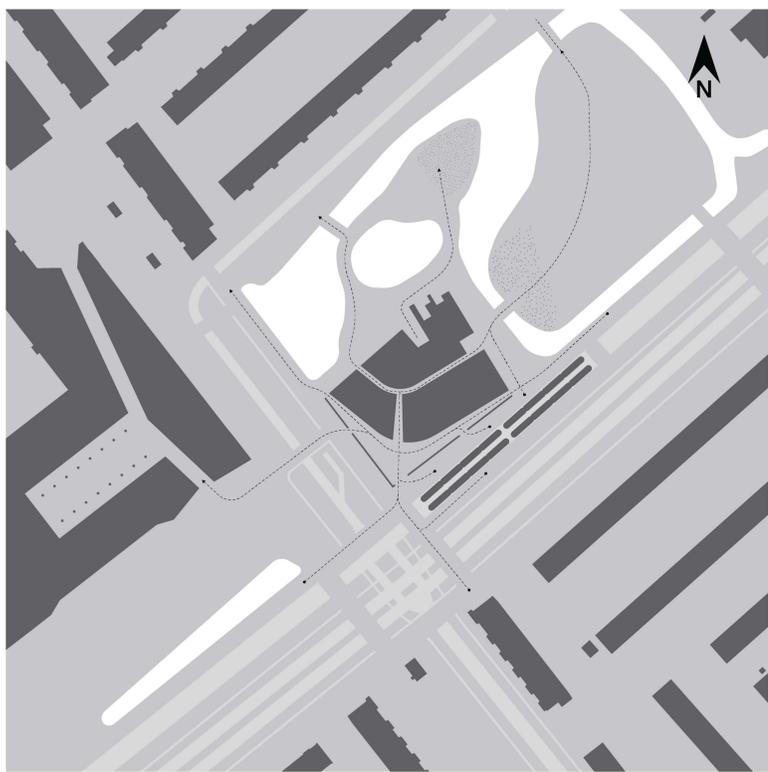


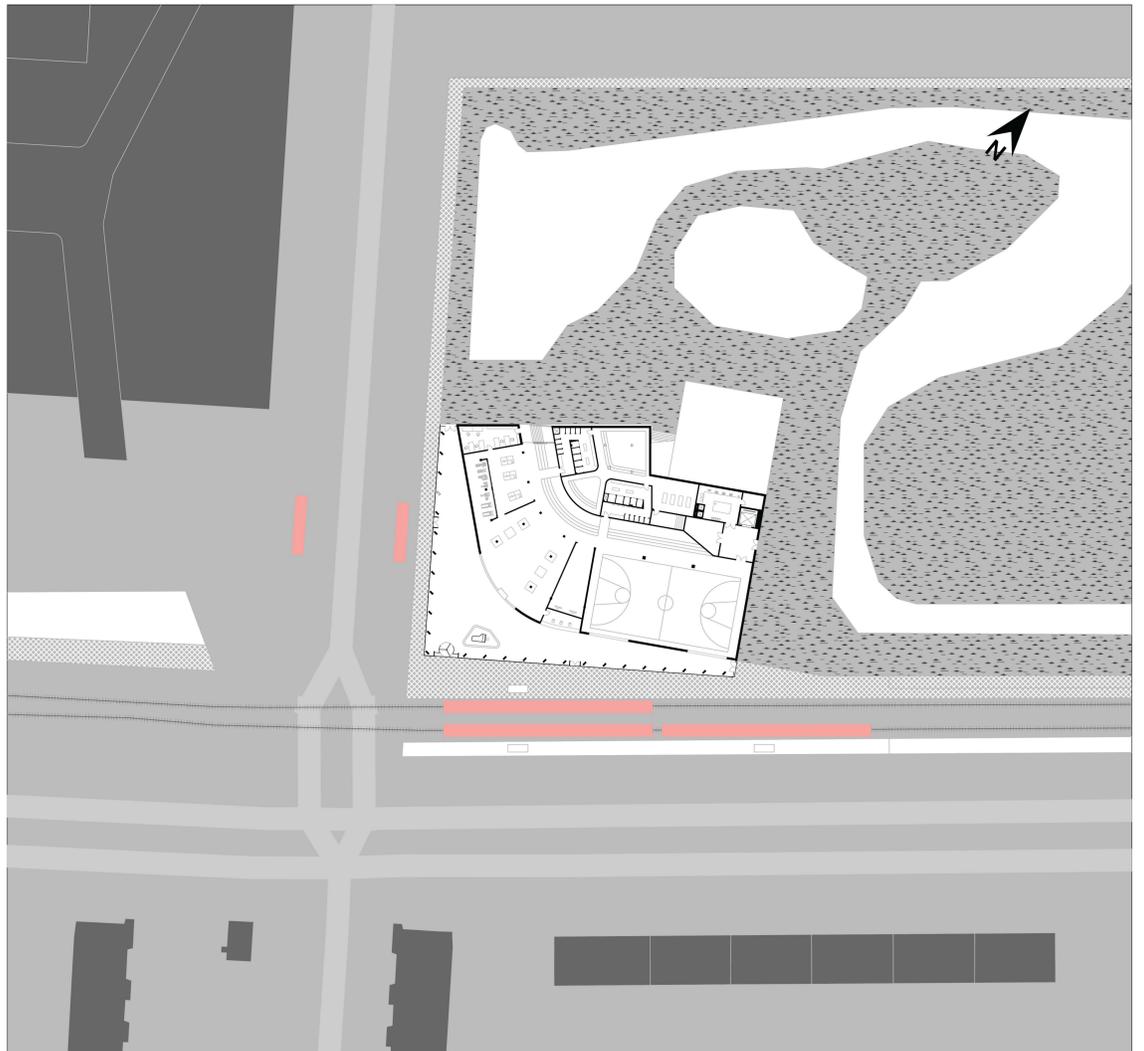


AN 'OFFLINE' VIRTUAL COMMUNITY
 DESIGNING PUBLIC CONDENSER AS A 'SYSTEM'

Public Building
 Yingda Sui
 4933117



50m 1:1000 Site Plan



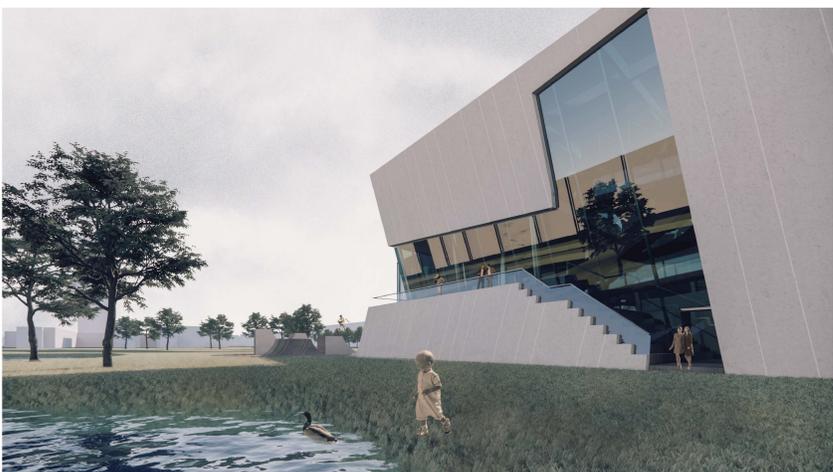
25m 1:500 Site Plan

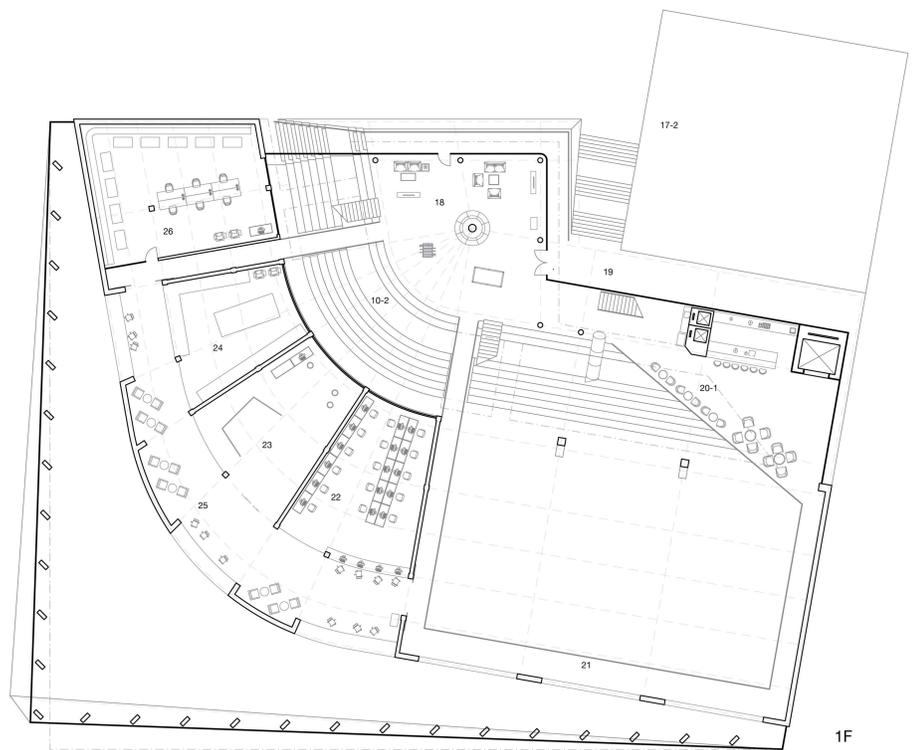
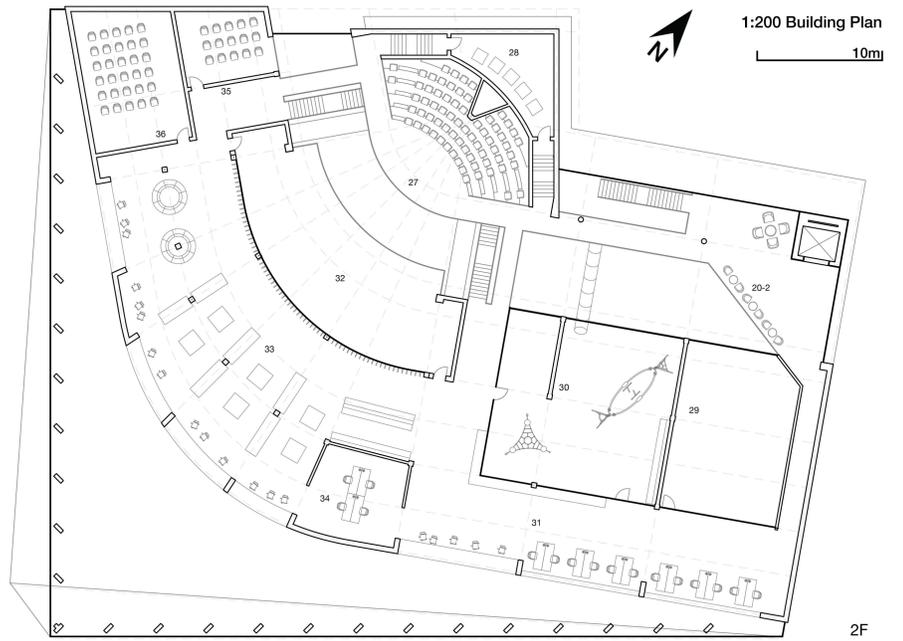
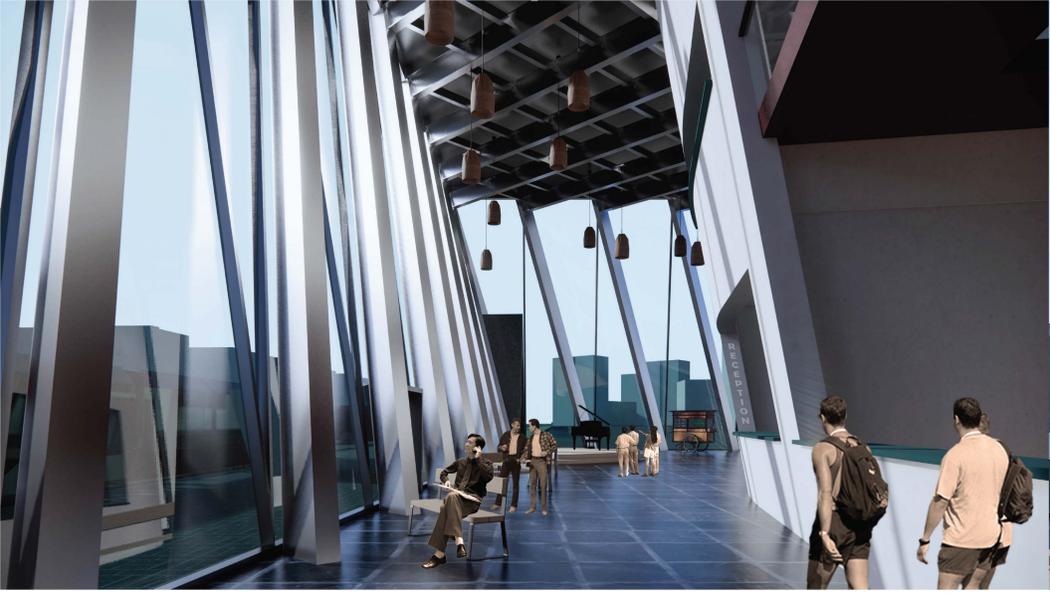


1:1000 Urban Cross-cut Elevation A



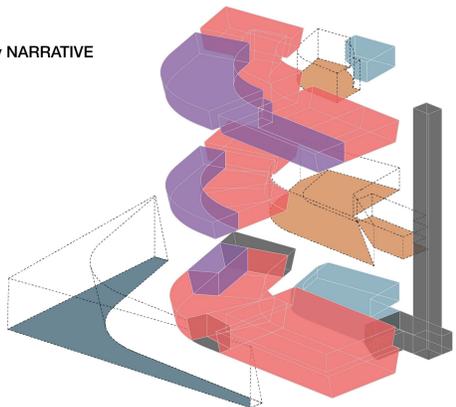
1:1000 Urban Cross-cut Elevation B



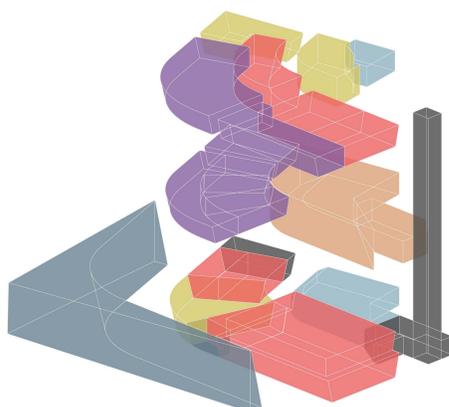


- | | |
|--------------------------------------------|-------------------------------------------|
| 1. Tram station | 19. Balcony |
| 2. Sheltered street corner (Entrance hall) | 20. Canteen |
| 3. Reception desk | 21. Grandstand corridor |
| 4. Exhibition area | 22. Cyber cafe |
| 5. Table-tennis room | 23. VR room |
| 6. Fitness room | 24. Material workshop |
| 7. Staff's office | 25. Self-working area of Co-working space |
| 8. Shooting room | 26. Meeting Room |
| 9. Basketball Hall | 27. Lecture hall for 80 people / theater |
| 10. Auditorium / staired pulse area | 28. Meditation room |
| 11. Men's room (incl. changing / shower) | 29. Yoga & Tai-chi room |
| 12. Women's room (incl. changing / shower) | 30. Children's playing room |
| 13. Bath pool*2 | 31. Working space for parents |
| 14. Massage room | 32. Dancing room / performance stage |
| 15. Kitchen (staff only) | 33. Library |
| 16. Storage | 34. Discussion Zone for Library |
| 17. Outdoor skateboard field | 35. Classroom for 15 people |
| 18. Pulse hall / board game zone | 36. Classroom for 30 people |

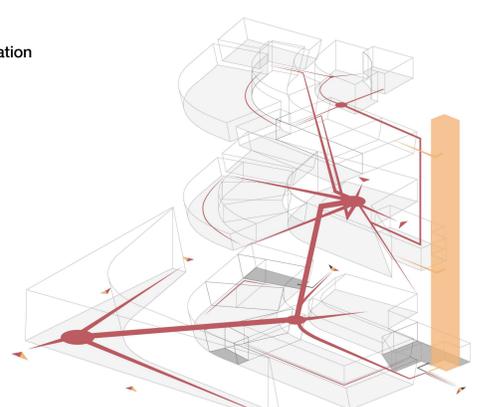
Program by NARRATIVE



Program by THEME



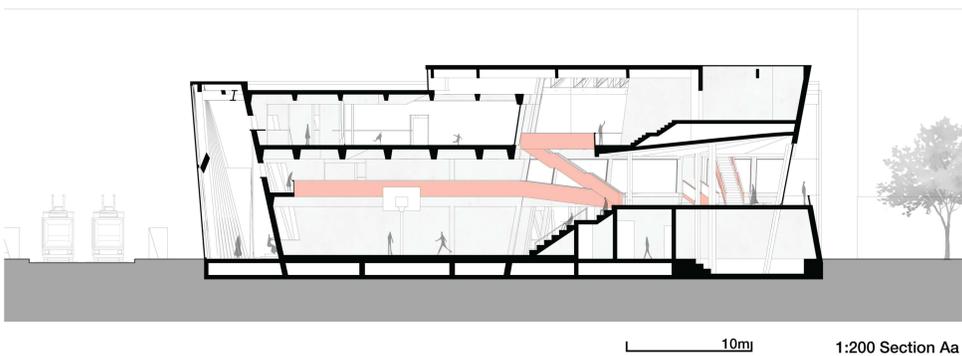
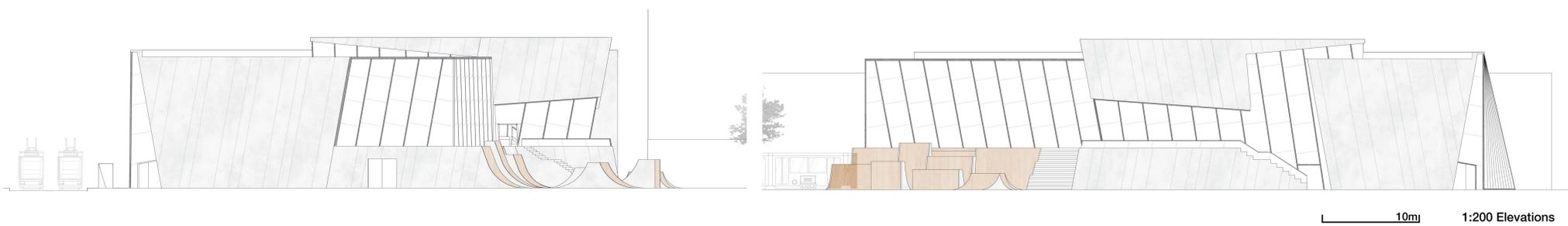
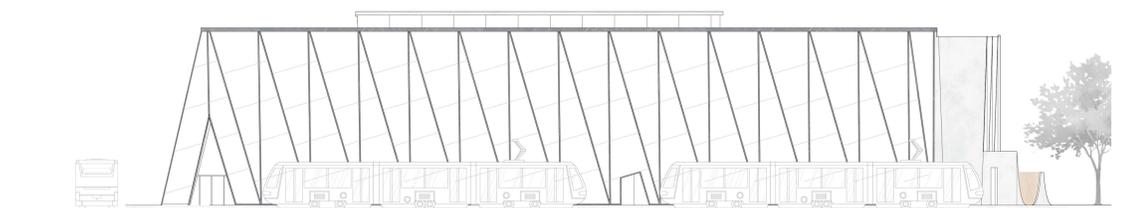
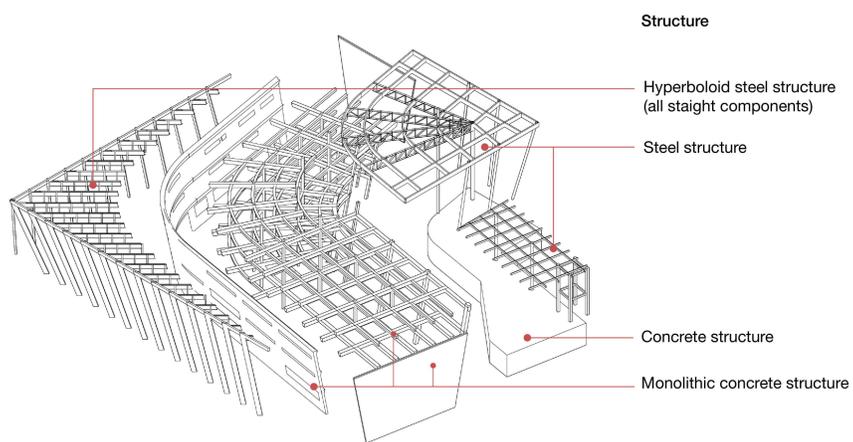
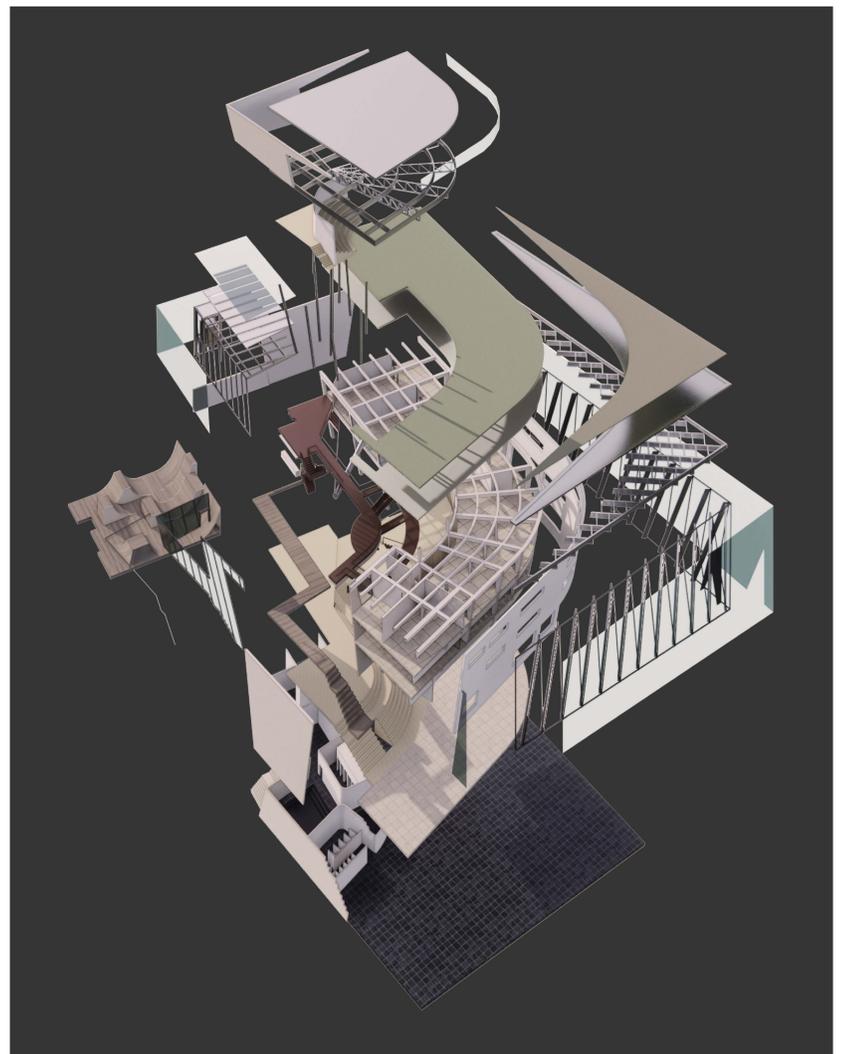
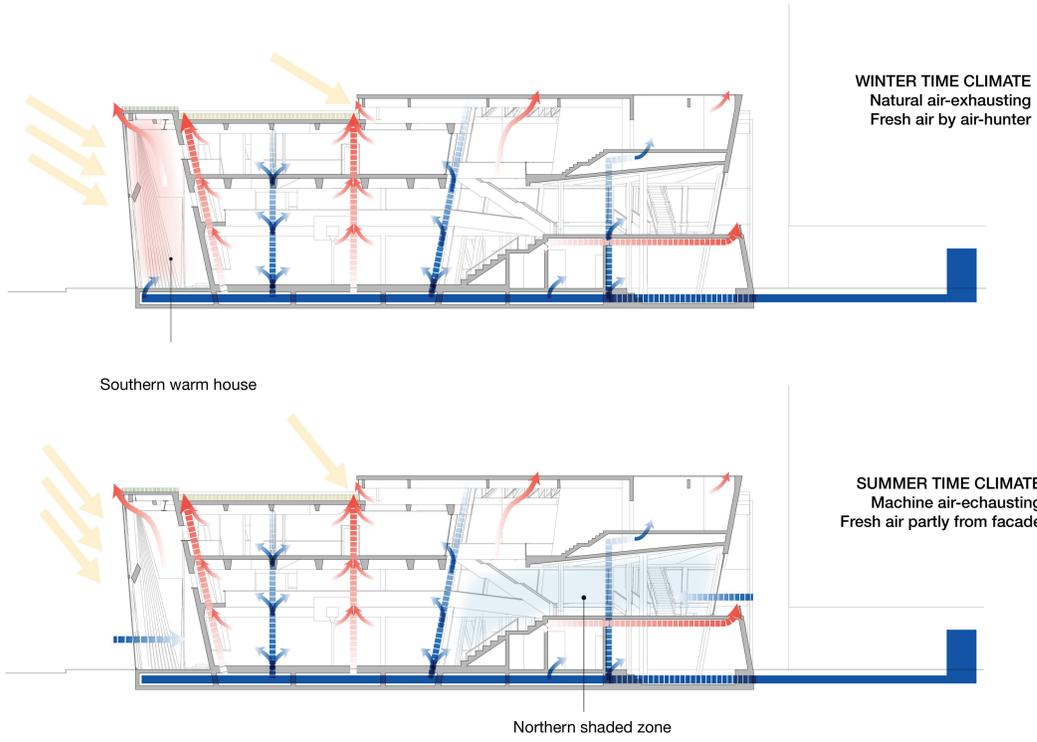
Circulation



- | | |
|-------------------------------------------------------------------|-----------------------------------------------------------|
| ■ PASSING BY | ■ FOLLOWING |
| ■ BROWSING | ■ ISOLATED |
| ■ PARTICIPATING / PERFORMING | ■ SERVING FACILITIES |

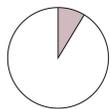
- | | |
|--------------------------------------------------------------|-----------------------------------------------------------|
| ■ URBAN PLAZA | ■ PRODUCTIVE |
| ■ PULSE ZONE | ■ HEALTH |
| ■ PERFORMATIVE / SPORTY | ■ SERVING FACILITIES |

- | | |
|------------------------------------------------------------------------------|----------------------------------------------------------|
| ▲ Barrired (1st Floor) entrance | — User's route |
| ▲ Non-barrier entrance + staff entrance | — Non-barrier route |
| ▲ Non-barrier entrance | — Staff's route |

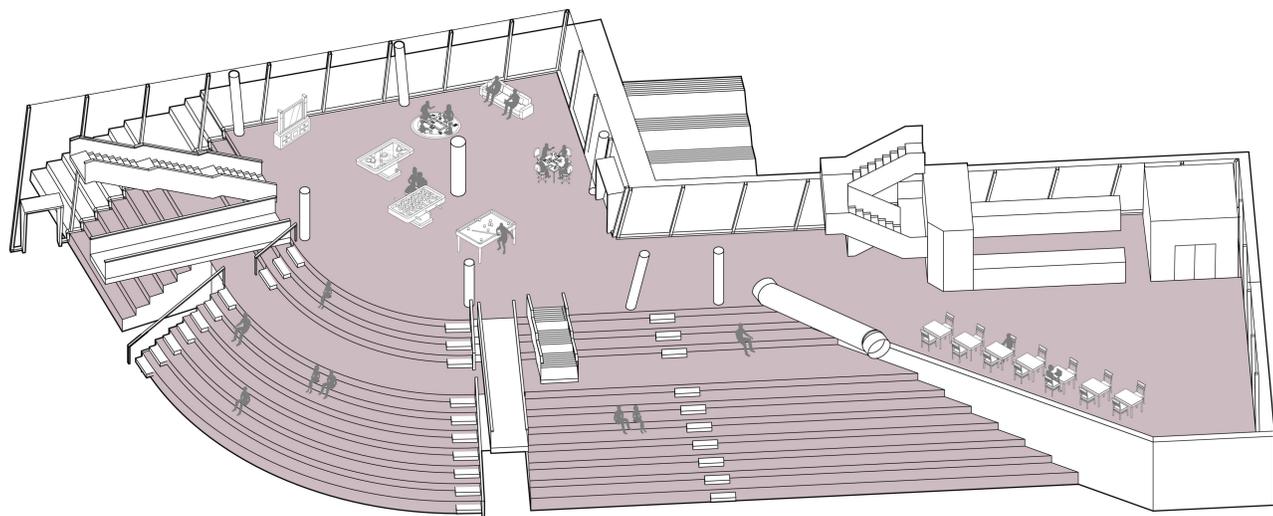
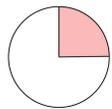




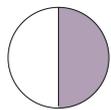
BROWSING
30-60min stay
Spontaneous activity



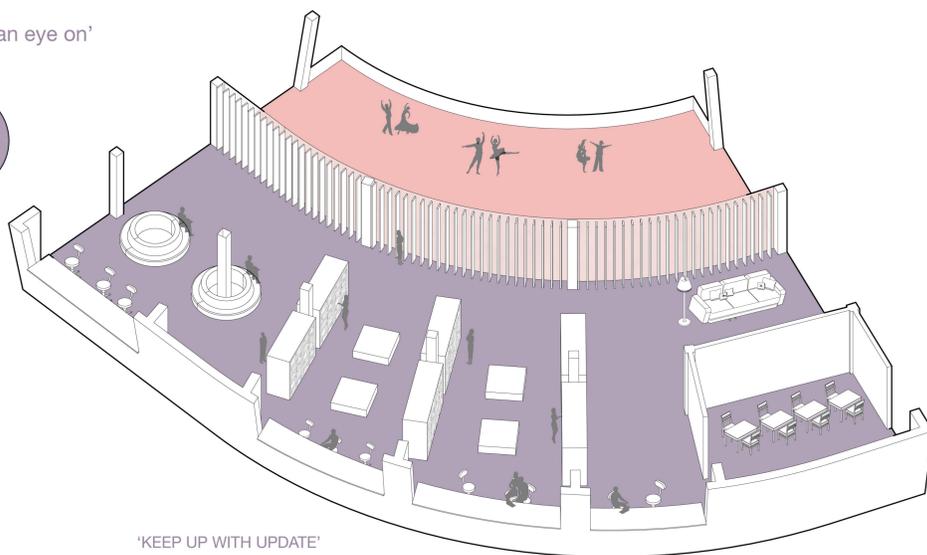
PARTICIPATING
1-3 hr stay
Specific scheduled activity



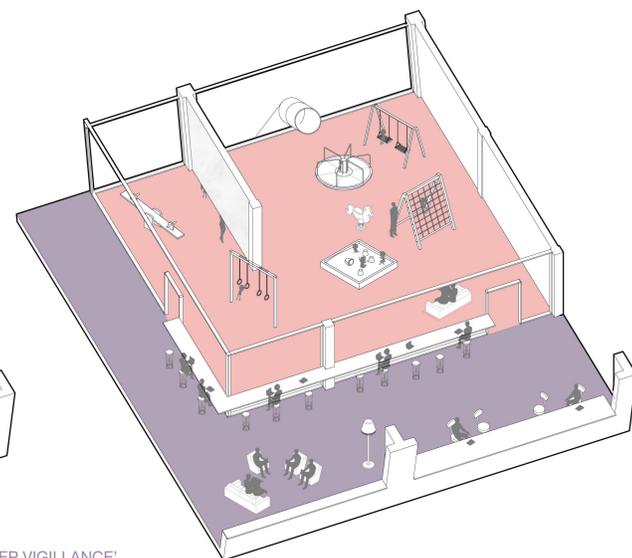
Following
Several hours
Specific activity and 'keep an eye on'



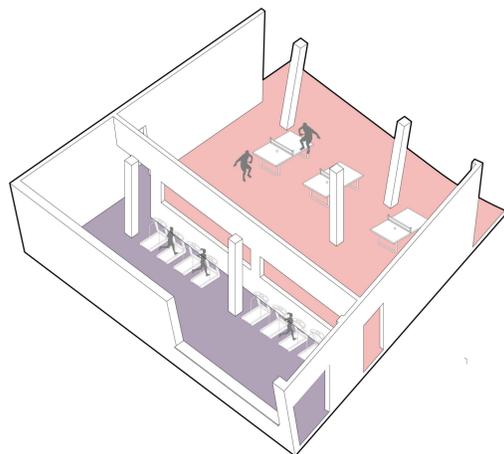
Passing
1-15 min
Passing by and encounter



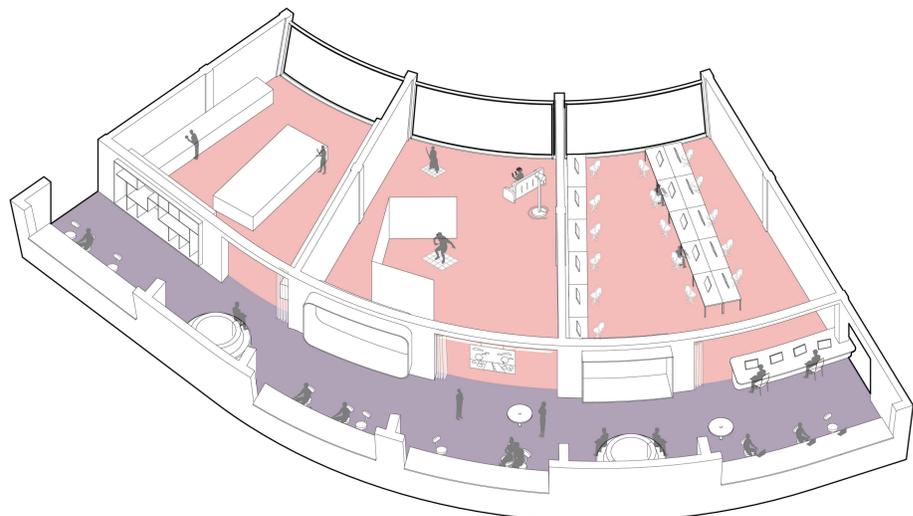
'KEEP UP WITH UPDATE'



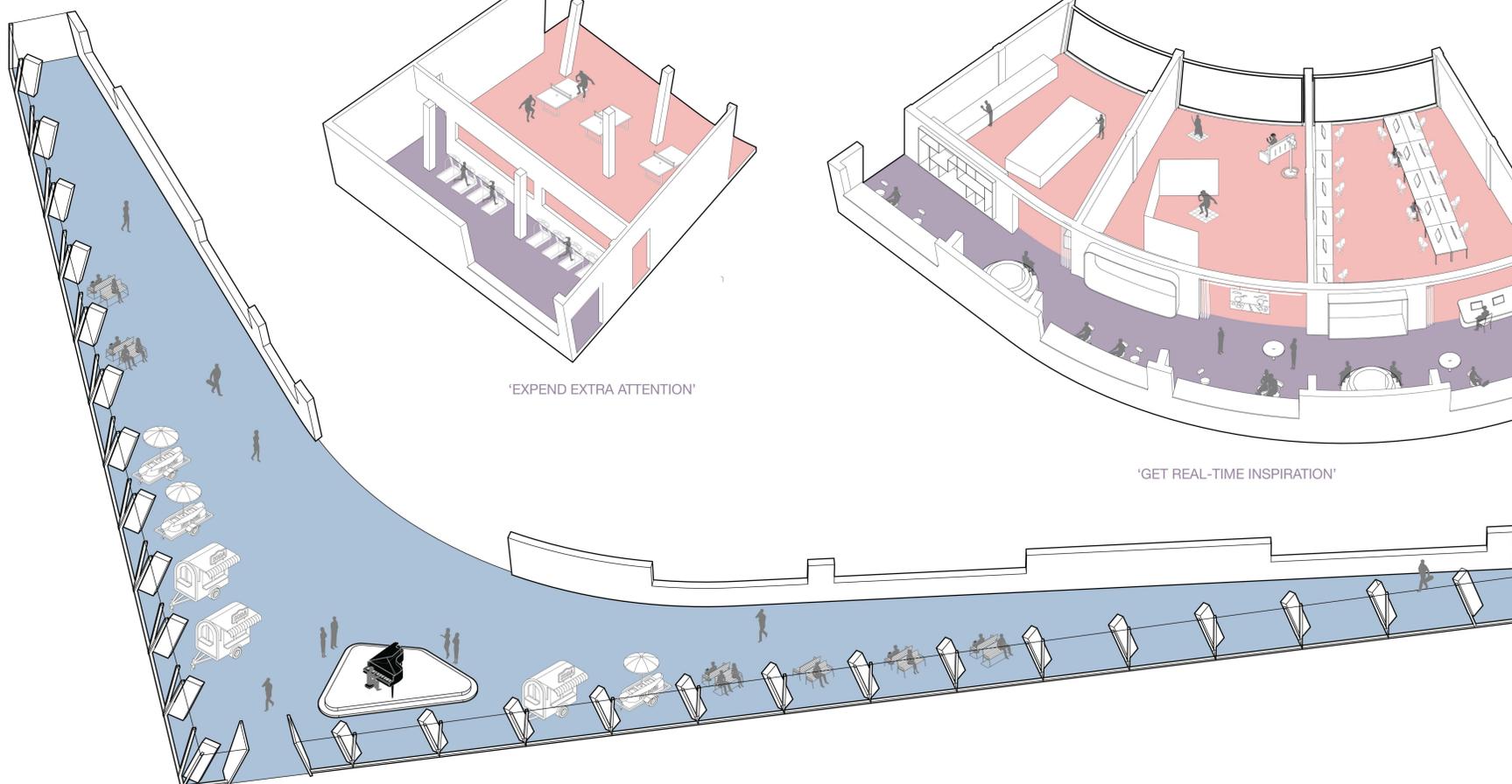
'KEEP VIGILANCE'



'EXPEND EXTRA ATTENTION'



'GET REAL-TIME INSPIRATION'





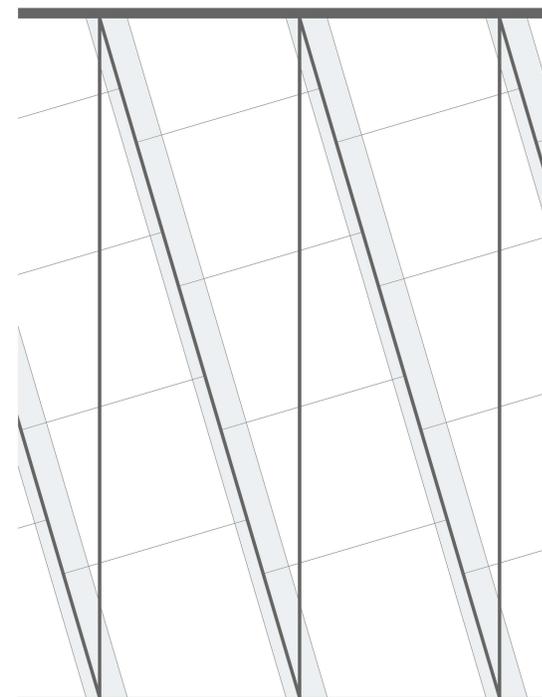
The front facade uses a semi-hidden-frame curtain wall system. The vertical fins are dominant and exposed, while the horizontal ones are secondary and glued with glass.

The eave is minimized to achieve a sense of lightness.

The main building structure is a hybrid one composed of concrete and steel.

The reinforced concrete slabs bear the horizontal tension given by the inclined load bearing wall.

Deep foundation columns are put under normal foundation beams, to fit the soft soil in the park.



- 1 140mm mud; substrate layer
40mm humidity mat; drainage layer; root-proof layer; bitumen seal
Water proofing mat
150-250mm XPS thermal insulation
Moisture insulation
70mm profiled steel sheet decking
300-800mm perforated steel beam with bracing
Bracket & cable
100mm ceiling aluminum strips

- 2 140mm mud; substrate layer
40mm humidity mat; drainage layer;
root-proof layer; bitumen seal
Water proofing mat
150-250mm XPS thermal insulation
Moisture insulation
300mm reinforced concrete slab integrated with 600mm joist
300mm self illuminated ceiling system

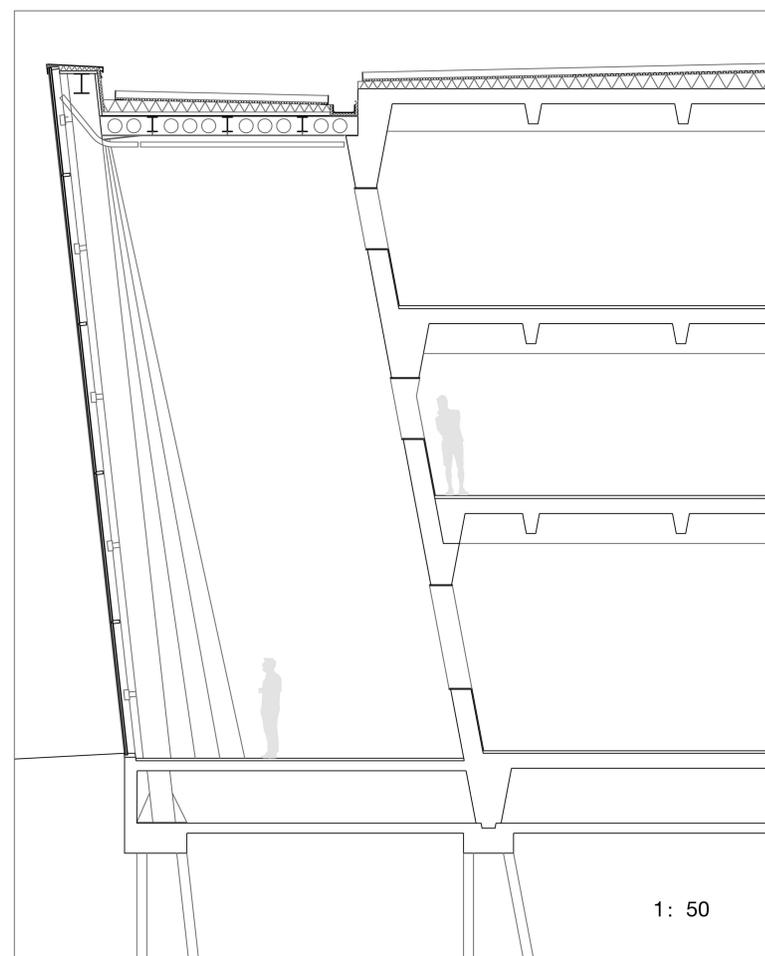
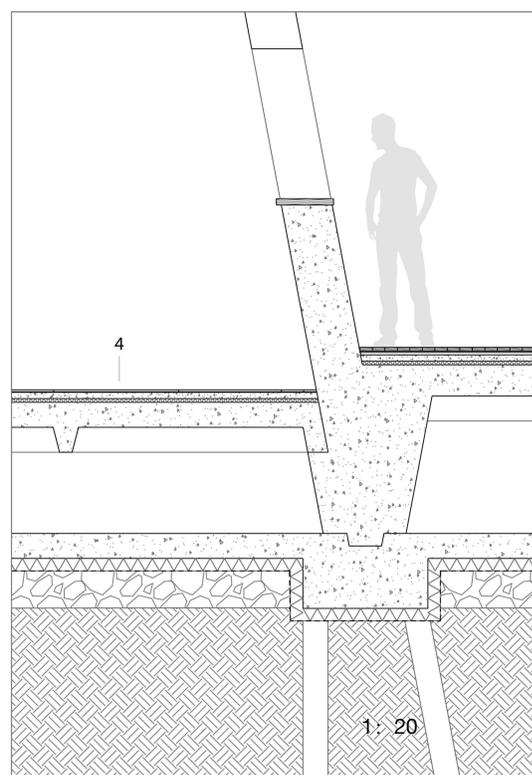
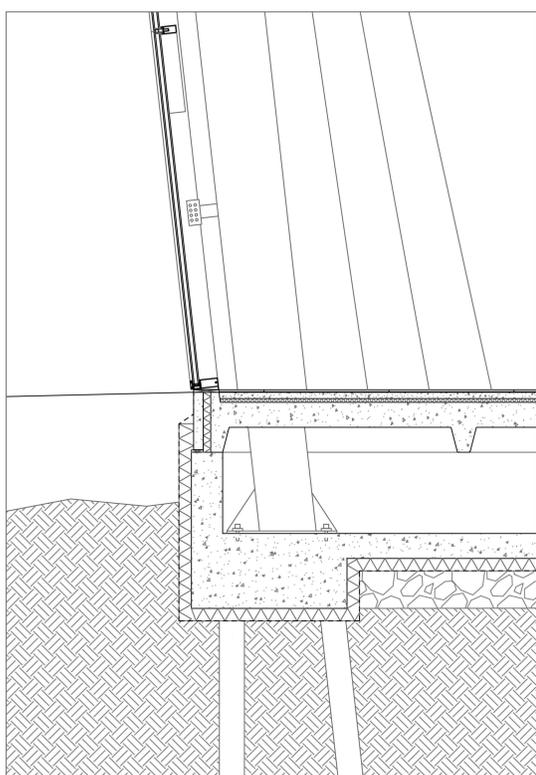
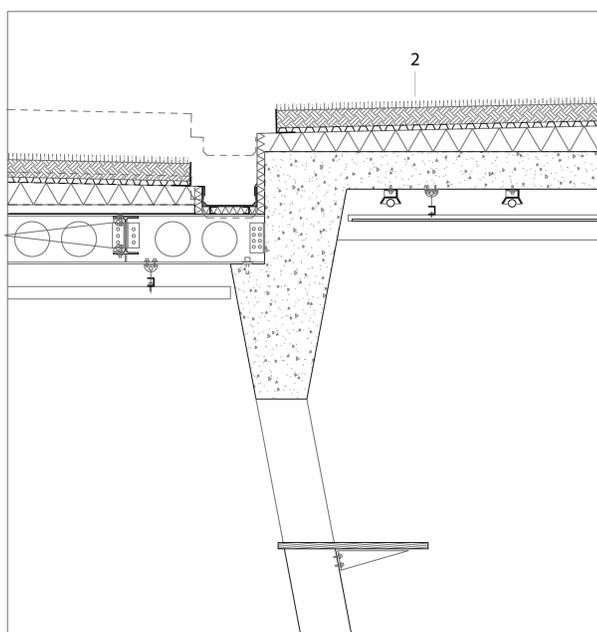
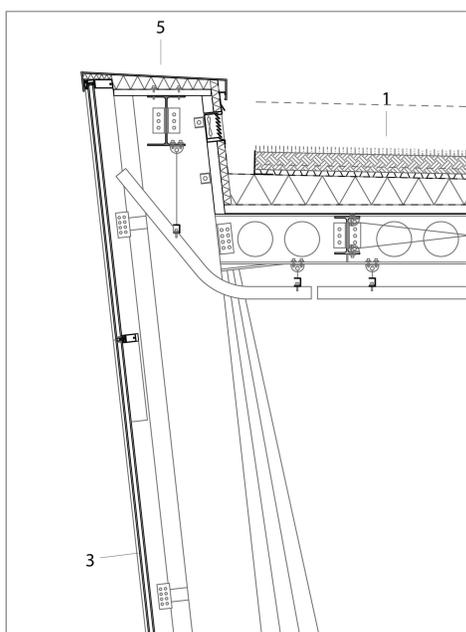
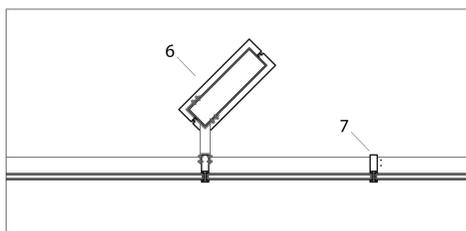
- 4 30mm pavement
10mm cement
80mm light weight concrete screed, with floor heating
50mm EPS sound insulation
300mm ground floor decking
1m crawl space
150mm external thermal insulation
Moisture insulation
200mm gravel
Earth

- 3 50mm double glazing, with semi-hidden framing (frame thickness 180-220mm)
Curtain wall bracket
Load bearing steel column with stainless steel skin

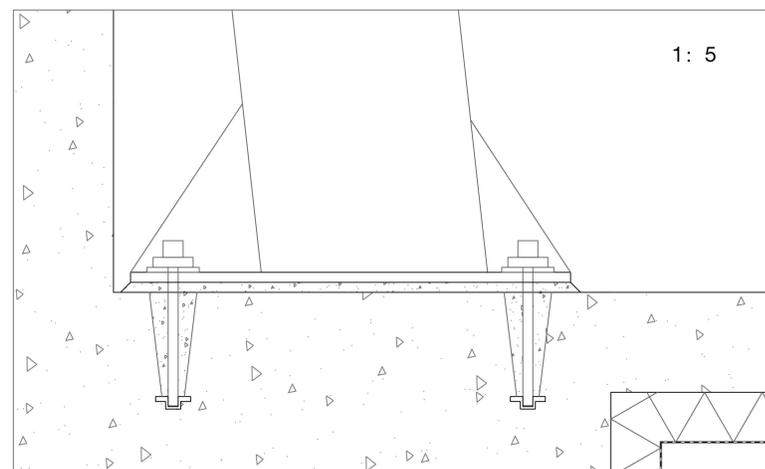
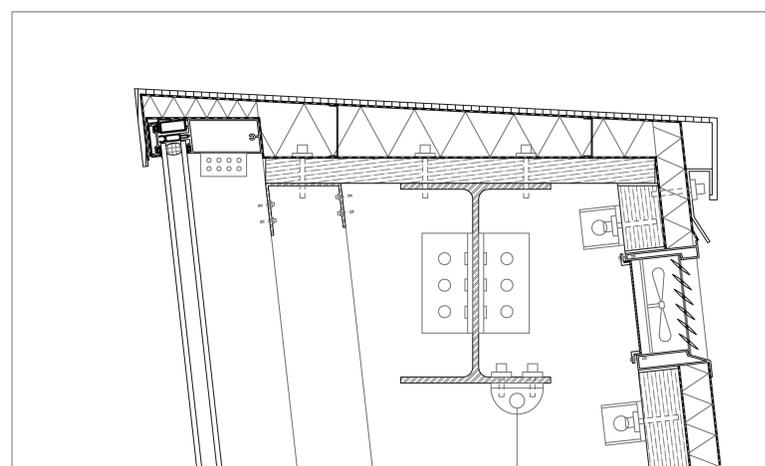
- 5 10mm aluminum honeycomb
80-110mm XPS thermal insulation
Moisture insulation
50mm plywood
400mm I beam

- 6 Stainless steel column skin
200mm*600mm steel column

- 7 200mm curtainwall frame with steel wind force resistance cable



1: 50



1: 5

1: 20