Urban Farming Theme Restaurant
1. PVC sealt, light grey
2. 350 mm reinforced concrete C 50/60, jointless, bent, curved
3. 220 mm mineral wool; vapour barrier
4. 12.5 mm plasterboard, curved
5. 10 mm toughened glass + 14 mm cavity + 12 mm lam. safety pl.
6. glass lense
7. ventilation duct
8. 300 mm reinforced concrete C 50/60, jointless, curved
9. 12.5 mm plasterboard, vapour barrier, 150 mm mineral wool
10. 300 mm reinforced concrete wall C 50/60, jointless, curved
11. pre-heated/ cooled ventilation duct
12. carpet; 80 mm reinforced screed, jointless, with integrated heating/cooling foil sealing; 260 mm thermal Insulation; vapour barrier
13. 300 mm reinforced concrete C 50/60, jointless, curved
14. PVC sealant, light grey
15. 40 mm concrete floor panel
16. laminated wood block
17. waterproof layer
18. cement mortar screeding to falls
19. 40 mm concrete floor panel
20. laminated wood block
21. waterproof layer
22. cement mortar screeding to falls
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CLIMATE CONTROL PRICIPLE

Ventilation

Heating

Underground heat exchanger

Combined and work together

A big cantilever

PERSPECTIVES