VERTICAL DETAILS FACADE (1:5)

DETAIL 1

1. Planted roof
2. Geotextile layer
3. Top soil
4. Hydrotech garden roof system
5. Water resistant layer
6. 70mm EPS hard insulation board
7. Damp proof layer
8. Lignatur wood element (internal damp proof)
9. (Total U-value roof 0.02 W/m²K)

DETAIL 2

7. 300 mm steel IPE beam
8. Suspended chilling ceiling pannel system (Zehnder carboline Graphite perforated: for acoustically performance)
9. Rotating mechanism with motor
10. Thermic steel interruption. Schöck Isokorb

DETAIL 3

11. Bituminated fireboard (asphalt treated board) resistant to moisture, rot fungi and insects
12. 50 mm EPS hard insulation board
13. Lignatur Floor wood element 320 mm (U-value 0.22 W/m²K)
14. Raised panel floor system
15. Decentralized ventilation system, water to air heat exchanger
16. Turn / tilt wooden door frame
17. Adjustable ventilation grille (thermal insulated)
18. Metal mesh adjustable sun louvre, gold/brown coloured
19. Water protective layer (APP)
20. Wall fillet trim (fiberglass)
21. Wooden batten (110x96mm) (facade frame)
22. Plywood 18mm
23. Water protective layer (APP)
24. Aluminium strip
25. Brazilian hardwood (IPE) 30x135mm facade planks
26. Wooden baluster 60x140 mm (with steel cables)
1. (Green Versa Wall) Plants, plastic trays, waterproof backing
2. Steel water drainage, (same colour as mesh facade louvres) (equal to a circular pipe with a diameter of 320 mm)
3. Adjustable steel mesh louvre, (colour gold/brown) (Zehnder carboline Graphite perforated: for acoustically performance)
4. Decentralized ventilation system water to air heat exchanger
5. Adjustable ventilation grille (thermal insulated)