EXPLORAY

Experiencing circular architecture

set of drawings
Worksheet

Begane grond: 3,300 m²
1e verdieping: 6,600 m²
2e verdieping: 9,900 m²
3e verdieping: 13,200 m²

Story: 2,500 m² 3,500 m² 2,500 m² 3,500 m² 2,500 m² 3,500 m² 2,500 m² 3,500 m² 2,500 m² 6,000 m²

Elevation North Façade | Entrance | 1:200
Reused glass panels
Reused alluminium panels
Existing concrete building structure

Additional wooden structure

Reused insulation; enclosed between panels

Reused glass panels

Reused aluminium panels
1. Tailor made aluminum profile to keep reused glass in place; Stacking system
2. Reused glass panels, varying sizes of:
   - 1100x1200 mm
   - 1100x1540 mm
   - 1170x1300 mm
   - 1150x2500 mm
3. Wooden trusses
   Varying in height according to curved glass roof top
4. Steel beam profile IPE 400
5. Wooden column 400x400 mm
1. Reused aluminum panel
2. Wooden beam
3. Customized system for panels
4. Reused glass panels
5. Wooden trusses
   variable in height, according to roof top
6. Steel beam profile IPE 400
7. Roof edge, reused aluminum panels
8. Reused aluminum panel cutted to size
9. Customized system for reused panels
10. Reused glass panels
1. 20 mm vegetation layer
2. 140 mm substrate layer
3. 10 mm Xeroflor drainage mat
4. Xerocare water-regulating membrane
5. 200 mm insulation
6. Existing construction
   180 mm casted concrete
7. New wooden column 400x400 mm
8. Seal anker
9. Existing construction
   column 400x400 mm
10. Facade anker
11. Customized system for reused panels
12. Wooden support system glazed wall 50x50 mm
13. Reused glazing panel