Culture Complex, Westerpark, Amsterdam

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1. Info center
2. Office reception
3. Cafe
4. Stock
5. Hall
6. Art Market area
7. Restaurant
8. Restaurant staff cloakroom
9. Staff room
10. Dishes stock
11. Storeage
12. Office
13. Kitchen
14. Museum lounge
15. Tickets
16. Lockers
17. Gallery
18. Auditorium
19. Art offices
20. Art Market subfloor
21. Art Market storage
22. MEP room
23. Museum storage
24. Food delivery preparation
25. Organization offices
26. Exhibition Area
Structure

1. Ground
2. Ground with interior canal glazing
3. Load-bearing structure
4. 1st floor slabs
5. 1st floor load-bearing structure
6. 2nd floor slabs
7. 2nd floor load-bearing structure
8. Primary load-bearing truss of roof
9. 2ndary spacialal trusses
10. Straight steel girders
11. 3 bridges and shortcuts
12. Interior finishes
13. Exterior finishes
14. Roof finishes

Climate

HVAC Departments

Winter heating

Summer cooling

HVAC System

Centralized Air Handling Unit

Heat exchanger

Filter

Humidifier

Boiler

Pump

Fan

Heat recovery device

Pre-cooling

Canal

Water

Boiler

Pump

Fan

Heat exchanger

Filter

Dehumidifier

Waste air

Hot

Fresh air

Cold
Rationalization of geometries

Site setout

Building setout & Exterior cladding setout

Facade design & Mathematical definition

Panel geometry definitions

Panel types distribution

Construction Design

Construction process

Panel fixing process