The public concourse
Building in its surrounding

Interior elevations

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MSc4 Graduation studio AR4AI120 New directions in the public interior
The public concourse
Interior views
The public concourse
Interior ground
The public concourse

Interior views
The public concourse
Building structure and interior climate

Cross section 1:50

Ground floor: floor span
First floor: floor span
Second floor: floor span
Roof: Steel trusses
Climate: Air ducts
HVAC system
Climate diagram

Axometric view structure
Axometric view structure

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Kalzip® Solar System
Collecting energy for HVAC system

Opening of doors provides natural ventilation

Green vegetation roof

Exchange of air between grand café and concourse

Pivot doors are enclosed and can be opened manually. Pivot doors are open during peak period

Insulated façade entrance Minervalaan
Insulated façade entrance Strawinskylaan
Insulated façade entrance Zuidplein

Input of air from HVAC system
Vent towards concourse
Floor heating along facade

Exhaust of air through windows

Exchange of air between library and concourse

Exhaust of air through windows

Kalzip® Solar System
Collecting energy for HVAC system

15 - 20 °C

Insulated façade entrance Minervalaan
Insulated façade entrance Zuidplein

Peil Peil
The public concourse
Interior views
The public concourse
Interior details

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Interior details

1:20 Interior Plan First floor

- Jansen steel frame curtain wall
- Concrete wall 300 mm
- Honed terrazzo floor
- Metaglas folding doors system
- Concrete column 300x1500 mm

1:20 Interior Plan Ground floor

- Jansen steel frame curtain wall
- Concrete wall 300 mm
- Honed terrazzo floor
- Shop interior

1:5 Horizontal detail

- Steel rod
- Steel tube 60x30mm
- Steel tube 25x15mm

Detail D1

Detail F1