The Public Concourse
Amsterdam Zuid
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Amsterdam Zuid

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P5 Presentation

The Architecture of the Interior
TU Delft

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Content

1. Site
2. Public Interior
4. Design
5. Conclusion
Minerva-as
H.P. Berlage, Zuidelijk Uitbreidingsplan Amsterdam, 1917
Strawinskylaan

1979

1985

1992
Strawinskylaan

Strawinskylaan from Zuidplein

The low and dark area under the viaduct

Strawinskylaan from Prinses Irenestraat
Excisting situation Strawinkylaan
Public transportation

- Metro
- Bus
- Tram
- Taxi
- Kiss & Ride
Public transportation
Public transportation

- Metro
- City bus
- Taxi
- Kiss & ride
- Train
- Bus
- Tram
Observation during Research Seminar
Observation during Research Seminar
Public Interior
Public interior as a concourse
Reference: Liverpool Street Station, London
Public interior as a passage
Reference: De Haagse Passage
Function
Meaning of the station for its users
Functions that can improve the liveliness
Excisting situation Strawinskylaan
New situation Strawinkylaan

Mineralaan
Public interior
Strawinskylaan
Zuidplein
Public interior for whole station area

Minervalaan
Prinses Irenestraat
THE PUBLIC CONCOURSE
Strawinskylaan
Zuidplein
ZuidasDok (A10)
Station
ZuidasDok (A10)
Mahlerplein
Design
Building in its surrounding
Approach from Zuidplein
Building in its surrounding
Approach from Minervaal
Functions

- Library
- Concourse
- Shops
- Grand Café (upper floor)

Bike parking

Low concourse

Bike parking
Large Shed over public functions
Structure
Structure
Structure
Structure
Passage under Strawinskylaan
Transition for passage to concourse
pivot doors during day
Transition for passage to concourse
pivot doors during peak period
Interior view concourse
Interior view concourse
The floor

Polished Terrazzo floor

Flamed Granite floor tiles on steps

Flamed Granite floor tiles
The ceiling

White wooden lats

Timber wooden lats
The walls

Concrete structure

Brick wall
The Stair
Building in its surrounding
Approach from Strawinskylaan
Building in its surrounding
Approach from Strawinskylaan
Upper level
Entrance from Strawinskylaan
View from balcony
Grand café
Interior elevation Grand Cafe
Interior elevation Grand Cafe
Kalzip® Solar System

Rock wool insulation 180 mm
Aluminum clip with thermo foot
Vapor barrier
Steel trapezoidal sheet profile 100 mm

Steel trusses

Detail A2
Granite floor tiles 20 mm
Grout 10 mm
Screed 50 mm
Insulation 20 mm
Hollow core slab 200mm

Jansen steel frame curtain wall

Lighting
Signage (h. 300mm)

Steel tube 40x40
Connection profile

Steel tube 30x50 mm
U beam

Metaglas folding doors system

IPE 400 beam
GFRC panel 15 mm
Jansen steel frame curtain wall

Lighting

Signage (h. 300mm)

Vent

Steel tube 120x60 mm

Steel tube 40x40 mm

Connection profile

Steel tube 120x60 mm

Steel tube 40x40 mm

Connection profile

GFRC panel 15 mm

Hook profile

Steel tube 60x60 mm

Concave profile

GFRC panel 15 mm

Steel tube 100x40 mm

Steel tube 30x30 mm

Concave profile

GFRC panel 15 mm

Insulation 20 mm

Hollow core slab 200mm

Granite floor tiles 20 mm

Screed 50 mm

Grout 10 mm

Detail E
View from the bridge
Interior elevation Library
Public reading area
Library
Ground floor plan
Public reading area
Public reading area
The Library
Individual study places
Exeter Library, Kahn
The Library
Bookshelves and reading
Turku city library
Interior elevation Library
Climate diagram

Opening of doors provides natural ventilation
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
Input of air from HVAC system
Vent towards concourse
Input of air from HVAC system
Floor heating along facade
Exhaust of air through windows
Green vegetation roof
Natural light through roof openings
Kalzip® Solar System
Collecting energy for HVAC system
Exchange of air between grand café and concourse
Exhaust of air through window
Input of air from HVAC system
Opening of doors provides natural ventilation

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Collecting energy for HVAC system

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Vent towards concourse

Floor heating along facade

Exhaust of air through windows

Green vegetation roof

Natural light trough roof openings
Conclusion
Public interior on Amsterdam Zuid
The Public Concourse
Amsterdam Zuid

Thank you!