Extending Structuralism

A campus in Centraal Beheer

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Final presentation 05/07
Background Introduction
1920
- 1914 First worldwar
- 1917 Suffrage Man
- 1919 Suffrage Woman
- 1929 Crisistime

1940
- 1940 Second worldwar
- 1945-1960 Housing shortage Netherlands
- 1945 Start cold war

1960
- 1960 Massculture

1980

(1890) 1920-1970 Functionalism

1910-1940 Amsterdam School

Rationalism

Jugendstil

1955-1980 Structuralism
Structuralism Architecture
Make people meet
As time goes by, the building has been isolated
New program

Make students meet
Functions

- SPORTS CENTER
- ENTRANCE HALL
- CANTEEN, PUB
- STUDY CENTER
- LECTURE HALL
- CLASSROOM
- GROUP STUDY
- MEETING ROOM
- INDIVIDUAL STUDY
- LIVING ROOM
- APARTMENTS
5 fascinating things about this building

Sense of realm - Welcoming
Four symmetric axis - Division
A building is like a city - Alleys - streets - Inner plaza
Material combination - Orientation
Different Usage
5 fascinating things about this building

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Different Usage
Four SYMMETRIC AXIS
Extending
5 fascinating things about this building

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A building is like a city - Alleys - streets - Inner plaza
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Different Usage
Florence  Alleys, streets to a plaza
Venice Rialto
Inner street--

Inner plaza

-A building is like a city-
Hierarchy, alleys and plaza, transitions
informal yet monumental
Guided by the beam
Abundant shadow and light effect
Not only high, but also deep
Monumental
Different possibilities of activities
Same function like a real plaza
Direct sunlight guide you up
The original light and shadow effect
The beam is lower, light is smoother, texture is warmer. Atmosphere is more friendly.
Indirect sunlight for study
Observe the beam from the top.
Most informal spot.
5 fascinating things about this building

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- Different Usage
Materials and height, glass bricks and orientation
5 fascinating things about this building

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sociaal | antisociaal

primaire bouwstenen
kantoorruimten
Informal learning

1. Necessary activities
2. Group activities
3. Casual meetings
4. Individual acts
5. Social activities
1 Necessary activities
2 Group activities
3 Casual meetings
4 Individual acts
5 Social activities…
Realm

Symmetric

City experience

Materials

Usage
Another important extending of Centraal Beheer
Integration
With corridor
Parquet Herringbone
Original oak floor
Scale: 3times
Parquet Parallel dark
Parquet Herringbone
Fabric carpet
Parquet Herringbone

Original oak floor
Scale: 3 times

Polished concrete

Parquet Herringbone

Fabric carpet
Building technology
Climate

TYPE1
20CMx740CM
70CM
masonry+concrete

TYPE2
20CMx5040CM
40CM
concrete double

TYPE3
20CMx360CM
20CM
concrete

TYPE4
0CMx6000CM
10CM
concrete

TYPE5
30CMx8000CM
50CM
concrete

TYPE6
100CMX2000CM
30CM
concrete

Insulation masonry
replace the block
cut the beam
add double layer
accept
accept

232.2 m²
100.8 m²
0.7 m²
180 m²
24 m²
20 m²
CLIMATE & VENTILATION

USE EXISTING HORIZONTAL PIPING ROUTING
SUPPLY BY FLOOR
HEAT EXCHANGER (2.5MX2MX2M)
Parking

Cars 79

Bicycles 1180
Natural lighting
Acoustic
Summary
Thankyou for Coming!!
8:00 am – 18:00 pm
18:00 pm – 22:00 pm
After 22:00 pm