assignment
and urban situation
space reserved for MSc3 Public Realm
a public building
in the center of Rotterdam
a response to monumental surroundings
a response to the stadstimmerhuis
research
collective space
Speeding cars separate Binnerotte from surrounding facilities. Street is a vivid main route for cars, cyclists and pedestrians and shoppers. Parked and driving cars hinder street crossing, separating the Hoogstraat, a main connection, but only used by pedestrians (during day). Convenient route to other side square. Elevation and infrastructure separate the square from its surroundings. Neighbouring streets lead the pedestrians around the square. Pavilions and overpasses divide the street into smaller 'squares'. Large scale of buildings, trees and street give a monumental character. Wide unused sidestreets break the?
urban scenario
Rotterdam as a network city
Daytime route
points of departure
strengthening connections in a network city
city expo  
cultural experience  
creative industry
view from the V&D

presenting to the Meent

approaching the site
building design
spatial concept
differentiation

atrium block

result of Urban Scenario

Careful!
Risk of “inhuman” scale
ex. City Hall The Hague

Differentiation
for a more human scale

Differentiation through function, furniture, colour etc.
- make large space easier to understand
- possibilities for specific appropriation

better than generic appropriation (ex. Binnenrotte)

Differentiation of spaces
- multiple experiences & atmospheres
generating form
creating connections

creative 1
creative 2
creative 3

collective functions
eating

visit to city office
building design
construction principles
new “wing” of existing building: bubbledeck floor system on concrete columns

elevator shafts provide stability
central volumes:
individual construction and stability systems
Louvres can be opened to allow sunlight into the building.

Low temperature heating/cooling system used in floors and climate ceilings.

Winter situation.
mechanical ventilation, with individual controls for each office

spring/fall situation
Rooflight beams act as large louvers, greatly reducing direct sun intensity.

Mechanical ventilation, with individual controls for each office.

Louvers can be closed to block direct sunlight.

Or used to guide indirect light.

Summer situation.

Low temperature heating/cooling system used in floors and climate ceilings.
building design
materialisation & detailing
Floor system for central volume

Individual floor covering;

In-situ top floor with floor heating/cooling;

Acoustic/thermal separation 20mm;

Bubbledeck floor 320mm

Prebabricated balustrade element 80mm

Thermal/acoustic separation 20mm;

mounted to frame connected to columns

Facade of volumes

50/18mm wood boarding, fire resistant;

timber frame;

acoustic insulation 50mm, black

Glass balustrade

Laminated safety glass 2x12mm, in steel frame
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CREATIVE CONNECTION ROTTERDAM

Questions?