Public Realm/Studio Rotterdam
Egle Kaloniaityte P5 presentation
Urban Culture Centre COGO Rotterdam
| Situation
| urban situation
| metropolitan image
| photo fixations and sketches
| Research
| site appreciation graphs
| urban pattern and square morphology
| social statistics and typology
| hybrid building typology
| Master Plan
| mass model
| functional integration
| integration into existing urban situation
| concept of the rooftop garden
| final image
| Architectural product
| garden system continuation
| verticality
| mass model
| synergy
| multilayered plinth
| function
| circulation
| architectural elements
| gate
| tower
| synergy of hydroponic gardens
| multilayered façade
| façade colour analysis
| climate
| building structure
| visualizations
Situation
master plan situation

1. Binnenwegplein
2. Van Olandenbarneveltpleats
3. Beursplein
4. Lijnbaan
5. Jan Evertsenplaats
6. Schouwburgplein
7. Westblaak
8. Leuvehaven
9. Grotekerkplein
10. Raamplein
master plan situation
master plan situation | kaleidoscopic image Rotterdam
master plan situation | photo-fixations and sketching

Unsafe feeling in linear spaces with a private or semiprivate typology is very unusual feeling in the untransparent spaces.
master plan situation | atmosphere sketching
master plan situation | impression photo-fixations
research | site appreciation scheme
research | site appreciation scheme
<table>
<thead>
<tr>
<th>Name</th>
<th>Space</th>
<th>Typology</th>
<th>Function</th>
<th>Picture</th>
<th>Diagram</th>
<th>Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Schouwburgplein</td>
<td></td>
<td>Culture</td>
<td>Theaters, Christmas Events</td>
<td></td>
<td></td>
<td>7.5</td>
</tr>
<tr>
<td>2. Westsingel</td>
<td></td>
<td>Recreation</td>
<td>Entertainment, Quarters, Events</td>
<td></td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>3. Jan Everstemplein</td>
<td></td>
<td>Recreation</td>
<td>Sports, Walking, Relaxing</td>
<td></td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>4. Karel Donurmistraat</td>
<td></td>
<td>Transition</td>
<td>Getting in/out, Planning day</td>
<td></td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>5. Coolsingel (ABN)</td>
<td></td>
<td>Transition</td>
<td>Walking, Planing</td>
<td>Shopping</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>6. Eendrachtsplein</td>
<td></td>
<td>Culture, Recreation</td>
<td>Shopping, Walking, Planning day</td>
<td></td>
<td></td>
<td>7.5</td>
</tr>
<tr>
<td>7. Stadhuisplein</td>
<td></td>
<td>Event</td>
<td>Planning, Shopping, Dining</td>
<td></td>
<td></td>
<td>4.5</td>
</tr>
<tr>
<td>8. Lijnbaan</td>
<td></td>
<td>Shopping</td>
<td>Shopping, Walking, Parking</td>
<td></td>
<td></td>
<td>6.5</td>
</tr>
<tr>
<td>9. Oude Binnenweg</td>
<td></td>
<td>Event</td>
<td>Planning, Entertainment, Shopping, Restaurants, Bars, Planning in/out, Shopping</td>
<td></td>
<td></td>
<td>7.5</td>
</tr>
</tbody>
</table>
research | functional typology

comerse | cultural function disperse
research | hybrid building analysis Rotterdam
research | hybrid building analysis Rotterdam
master plan situation grid

Master plan grid proposal
master plan situation grid
master plan | visualization

integration into master plan | visualization
master plan | integration into situation
master plan | integration into situation
master plan | integration into situation
master plan | Lijnbaan rooftop solution
garden system continuation
verticality
mass model
synergy
multilayered plinth
function
circulation
architectural elements
gate
tower
synergy of hydroponic gardens
multilayered façade
façade colour analysis
climate
building structure
visualizations
garden system | diverse level system
garden system | public connector ramps
garden system | image of the diverse level gardens
Verticality and vertical integration
mass model
interation
into master plan situation
Gate block
mass model | elements
mass model | garden elements

- Top terrace garden with relief
- Hydroponic gardens
mass model | garden elements

- Top terrace garden with relief
- Hydroponic gardens
- Garden between existing building
Top terrace garden with relief

Hydroponic gardens

Garden between existing building

Green plaza
Top terrace garden with relief
Hydroponic gardens
Lijnbaan roof top garden
Green plaza
Garden between existing building
Top terrace garden with relief

Hydroponic gardens

Garden between existing building

Lijnbaan roof top garden

Paving element stripes
mass model

Urban passage
synergy | form and function
synergy
synergy | multilayered plinth
synergy | multilayered plinth
synergy | multilayered plinth

existing building

gallery

administration and workshops
synergy | multilayered plinth
synergy | multilayered plinth
THIRD FLOOR
function | cable gardens of restaurants
function | cable gardens of restaurants
function cable gardens of restaurants
circulation | public connections

Public routing through Lijnbaan roofs | existing entrance | new public passage
circulation | public connections + internal circulation

Public routing through Lijnbaan | ramp system | new public passage
circulation | public connections + internal circulation

Interconnection | staircases
architectural elements | gate element

Second skin facade

Gate block
architectural elements | gate element visualization
gate element | urban passage visualization
gate element | urban passage visualization
Second skin facade
Inner façade posts
Inner façade posts
tower | synergy of the hydroponic gardens
tower | plan and detail
multilayered facade
multilayered façade | gate element
multilayered façade | gate element
multilayered façade | gate element
multilayered façade | use of existing
multilayered façade | use of existing
multilayered façade | colour examples
multilayered façade | colour analysis
multilayered façade | colour analysis
multilayered façade | south
multilayered façade | sculpture + colour
multilayered façade | visualization
multilayered façade | visualization
multilayered façade | visualization
multilayered façade | visualization
multilayered façade | visualization
multilayered façade | detail
multilayered façade | detail
climates | double glazing system

SUMMER NATURAL VENTILATION AND COOLING
WINTER GEOTHERMAL AND PASSIVE HEATING

SUMMER GEOTHERMAL COOLING SYSTEM
building structure
building structure | skeleton
impression | open auditorium
THANK YOU!