Public Baths in Brussels

border conditions graduation studio 2012
Brussels Periphery

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Brussels periphery
fascination in Brussels

fragmentation

collision between urban fragments

interrelation of urban fragments

mapping of movement in a colliding zone between urban fragments
Brussels Periphery

- fragmented periphery

- spatial effect:
exchange between periphery and center
negotiable periphery

groupwork, canal periphery crossing the city and bridging zones

Utopias map periphery fragments spread in the city

Vrije Universiteit Brussels
Avenue Louis Delhez
Park ‘Bois de la Cambre’

The European Union

groupwork, Utopias map
periphery fragments spread in the city
conclusion

_fragmented periphery

constant correlation and exchange between periphery and center
interchangeable periphery
fluctuation at the border of periphery and center
mapping
research on the spatial effect of fragmentation and the collision of fragments
subjective panoramas
fragments of 360 degrees views depending on the spatial conditions
subjective panoramas
fragments of 360 degrees views depending on the spatial conditions
-collision of scales
-combination of far away and close by
- fragmented promenade
- movement as fragmented choreography
- repetition and moments
Map of views and perspectives in the site of analysis in Brussels.
in promenade fragmented :
- interchangeable hierarchies
- collision of scales

-disorder, confusion
-discovering, moments of surprise

combination of scales

3 dimensional map - spatial translation of fragmentation and collision in the site of analysis
re/flection

oblique view

reflection

3 dimensional map - spatial translation of fragmentation and collision in the site of analysis
subjective panoramas combined with spatial conditions

layers of depth, layers of discovery

map of fragmentation and collisions in the site of analysis in Brussels
subjective panoramas combined with spatial conditions

map of fragmentation and collisions in the site of analysis in Brussels
subjective panoramas combined with spatial conditions

layers of depth, layers of discovery

oblique view
changing of scale and distances
combination of perspectives
interchangeable hierarchy

map of fragmentation and collisions in the site of analysis in Brussels
mapping conclusion

in a fragmented promenade
combination of scales
interrelation of contraction and expansion
interchangeable hierarchy
fluctuation of far away, close by
site and program
fluctuation in periphery conditions
fluctuation in scales, depths and hierarchies

scales (conditions) of water
visual effects of water
far -close
flooding areas in Brussels
collecting and storing water
naturally purifying water
control flood, negotiate the rhythm of flow
experiencing water

inhabit water conditions
reclaim of flood

(fragmented promenade as a water path

(building as wetland, wet air

(floodplain as public baths
WATER IN MOTION

1a

1b

1c

2a

2b

2c

2d

3

4

OCCIDENTAL PHENOMENA

(STATIONS)

A

B

C

STATIONARY WATER

5

6

7

8

9

10

A. Jets
B. Splashes
C. Reflections (Reflectors)
1. Ducts:
   a. Open
   b. Closed
   c. With grid
2. Freefall water:
   a. Tap
   b. Waterfall
   c. Slow fall
3. Archimedean screw
4. Free flow
5. Pools
6. Reservoirs
7. Stagnant water (diffusion)
8. Vapor state (drops)
9. Periodic flood
10. With aquatic plants:
    (as water filter. For visual and acoustic insulation, ecological balance, cooling and grooming)

_scales (conditions) of humidity
border of canal periphery and central urban fragments
_in between condition relating canal periphery
and central urban fragments
_discovery route

Central square
Existing square
Wet public space [always open, extroverted, no control, clothes on]
Bathing routes [possibility to close, introverted, partly controlled, clothes off/possibility]
Stop/Stasis
Movement
Floor plan

_in between condition relating canal periphery
and central urban fragments
_discovery route
process detour
interpretation of maps
wet public space [always open, extroverted, no control, clothes on]

bathing routes [possibility to close, introverted, partly controled, clothes off possibility]

wet public space [always open, extroverted, no control, clothes on]
Movement

- - -  wet public space [always open, extroverted, no control, clothes on]

bathing routes [possibility to close, introverted, partly controlled, clothes off possibility]
design
Public Baths in Brussels
section BB'
fragmented promenade, interchangeable hierarchy, routing
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interchangeable periphery
interchangeable periphery
fragmented promenade, repetition and moments of collision, orientation
materiality and humidity conditions
water storage, direction of water, flowing, still water space containing water. Archimedian screw, splash, shower, tap, drops, steam, water diffusion (delayed flow). Drought, flood. Water route in relation to the rain (2.2).

[scale 2: zoom in (a)]
water route in relation to the rain (2.2)
water storage direction of water low waterplants (Filtering water)
space containing flowing/still water
archimedian screw splashes, shower, tap, drops steam water diffusion (delayed low)
water route in relation to the rain (2.3)
water route through public baths in relation to the rain (3.1)

only permanently wet areas

- space containing flowing/still water
- waterplants (Filtering water)
- direction of water flow
- water storage
- water diffusion (delayed flow)
- steam
- splashes, shower, taps, drops
- Archimedian screw
water storage direction of water / low waterplants (Filtering water)

space containing / flowing/still water

archimidian screw splashes, shower, tap, drops steam water diffusion (delayed flow)

drought / flood

filling up small-scale bathing spaces and part of the big-scale bathing spaces

water route through public baths in relation to the rain (3.2)

[scale 3 - zoom in (b)]
water storage direction of water / filtering water
space containing flowing/still water
archimedian screw splashes, shower, tap, drops
water diffusion (delayed flow)
drought
flood
water route through public baths in relation to the rain (3.3)
filling up big scale common bathing spaces
water storage direction of water / low waterplants (Filtering water) space containing flowing/still water archimidian screw splashes, shower, tap, drops steam water diffusion (delayed flow) drought flood

water route through public baths in relation to the rain (3.4)
filling up small-scale spaces at the periphery of the big-scale common bathing spaces

space containing flowing/still water waterplants (Filtering water) direction of water flow storage water diffusion (delayed flow) steam splashes, shower, tap, drops archimedian screw
water route through public baths in relation to the rain (3.5)

storing the extra amount of water

[back]

drought

flood
thank you!