

Rotterdam Project Meeting, 25-26 October 2012

Field Trip

- Green roof
- Water square
- Storage basins

Pictures : Auguste Gires



Green roof

Above a commercial mall, whose size is 1000 m x 100 m a park is currently under construction

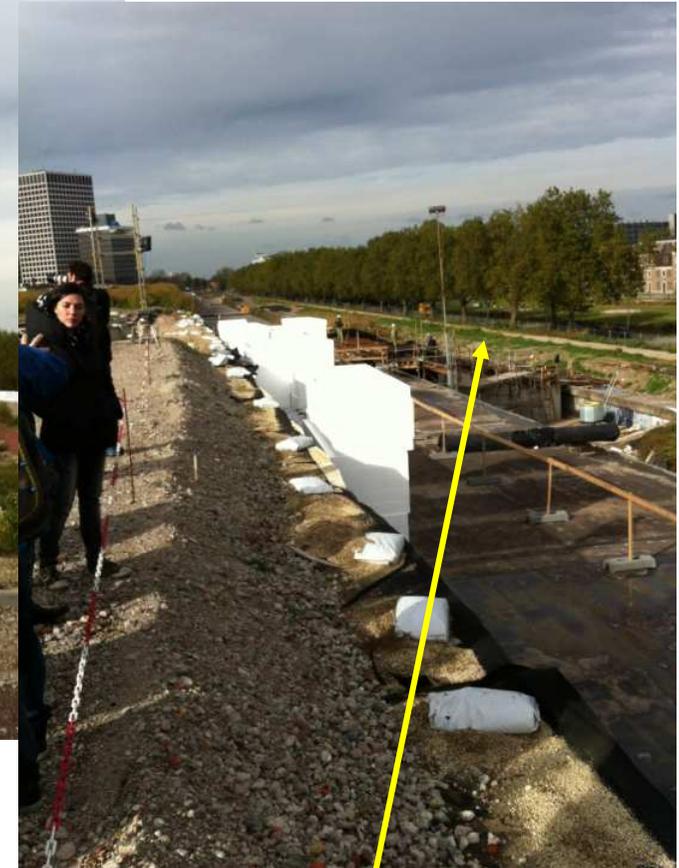


A cascade will be visible here

Green roof



A restaurant (the only building on the park)



A levee

Green roof

View from the park



Rotterdam harbour



Haka building

Water square



Storm water collected from the area is routed to the square

Water square



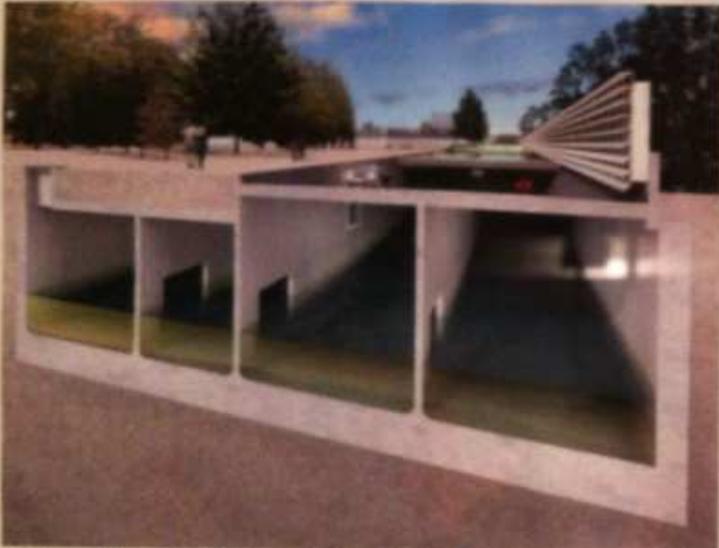
Water flow will be visible



Open air storage basins

Storage basins

Ondergrondse Waterberging Museumpark parkeergarage Rotterdam



- Totale inhoud : 10 miljoen liter
- Lengte : 60 meter
- Breedte : 30 meter
- Hoogte : 7,5 / 8.0 meter
- 4 straten : 3 x 8 meter breed
1 x 6 meter breed

Aim : prevent flooding in Rotterdam city centre

Size : 10 000 m³

Combine sewer in the area

Automatic flushing (similar to CG 93 and CG 94)

Storage basins

Local environment



The main sewer of the area is below this pond



To evacuate air while the basin is filled with water



Storage basins

Local environment



Entrance of the parking

Storage basins



The basin is visible from this room (not possible to access it for safety reasons)

Pumping station



Location of the Rotterdam RainGain radar



Near the central station

