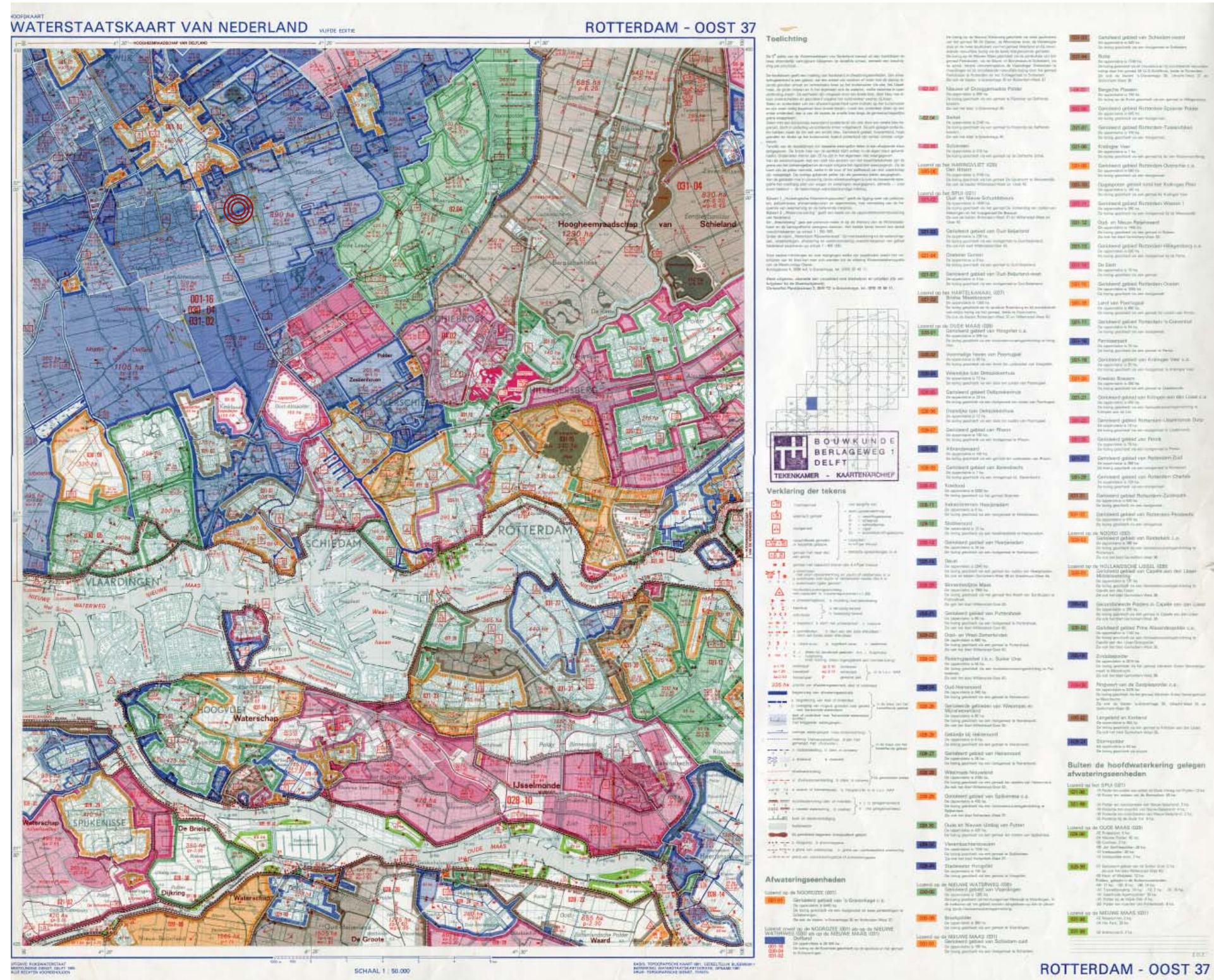
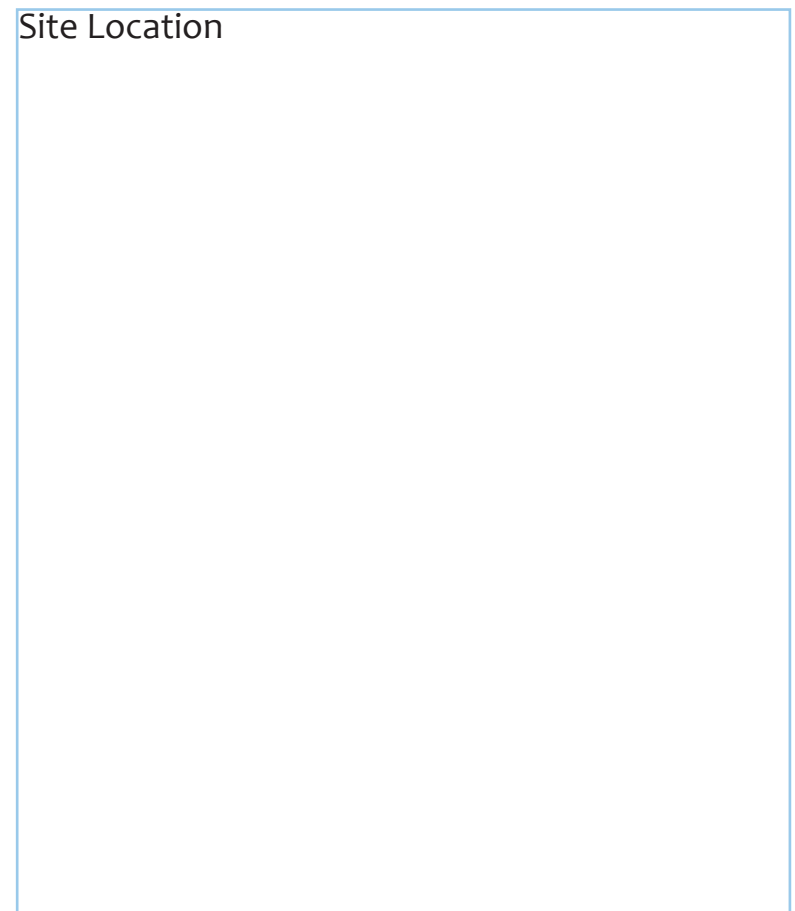


Water Network -1981



This map presents the water management entities in the vicinity of Delft. Two entities are evident in our region, the one is the Delft&Delftgauw built regions, colorated with Yellow, and the surrounding open areas colorated in blue.








Principle Water Systems - Delft

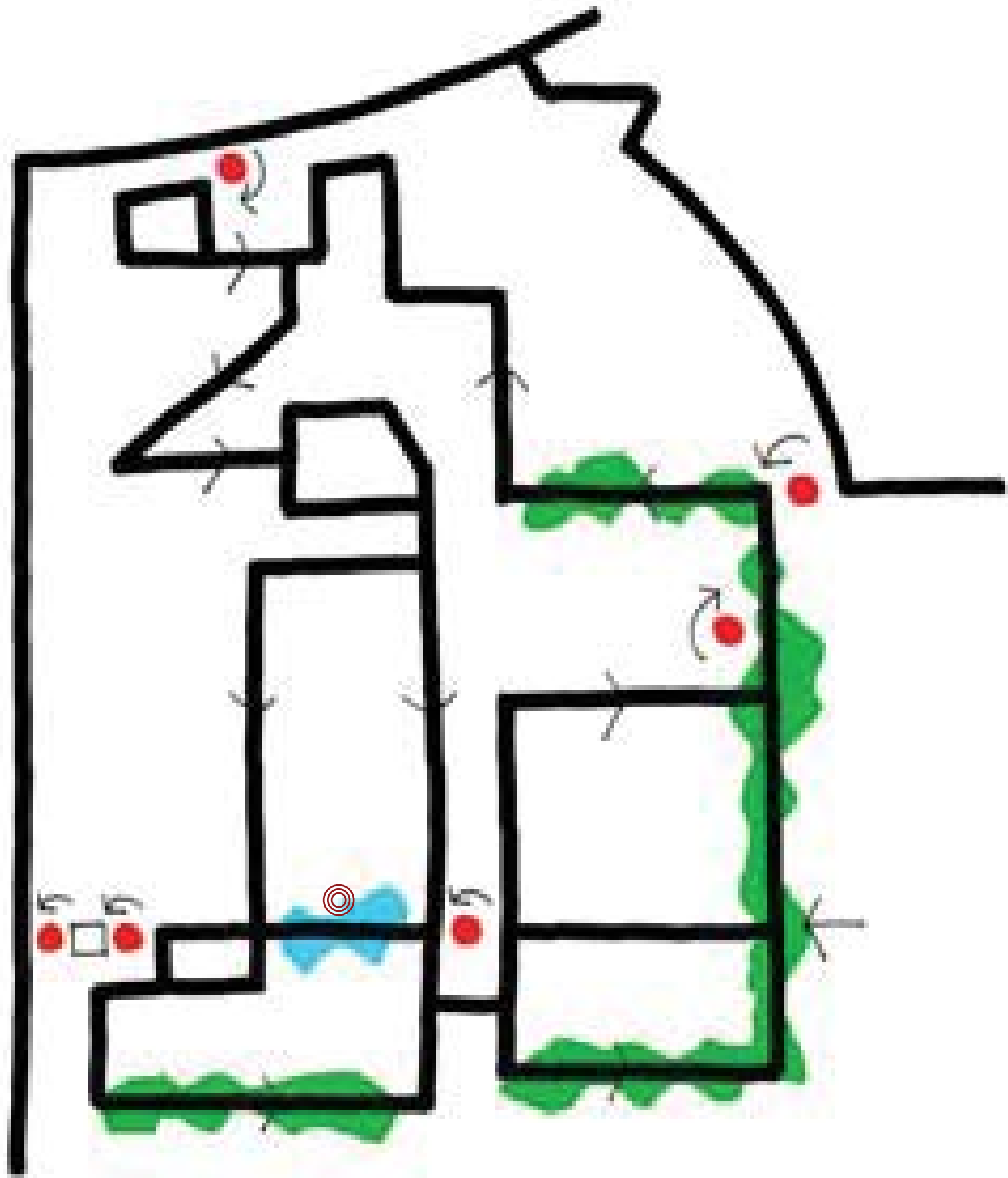
This map presents the three water management models in Delft. Somewhat like in the traditional scheme, the built city center and its surroundings are segmented in water structures.






The site location falls in a region of a circulatory water network. Rainwater is collected, filtered and is kept within the system. Optional seasonal buffering is done together with the major lakes around the city. This occurs in the newer plans with wide open spaces where an independent water system can act.

| | |
|---|--------------------------------------|
|  | Delay Model (city centers) |
|  | Circulatory Model (self sustaining) |
|  | Switching Model (provincial systems) |

Water Network - TU Wijk

In this municipality sketch diagram the aspiration is presented for the water network in the university's northern/central grounds.

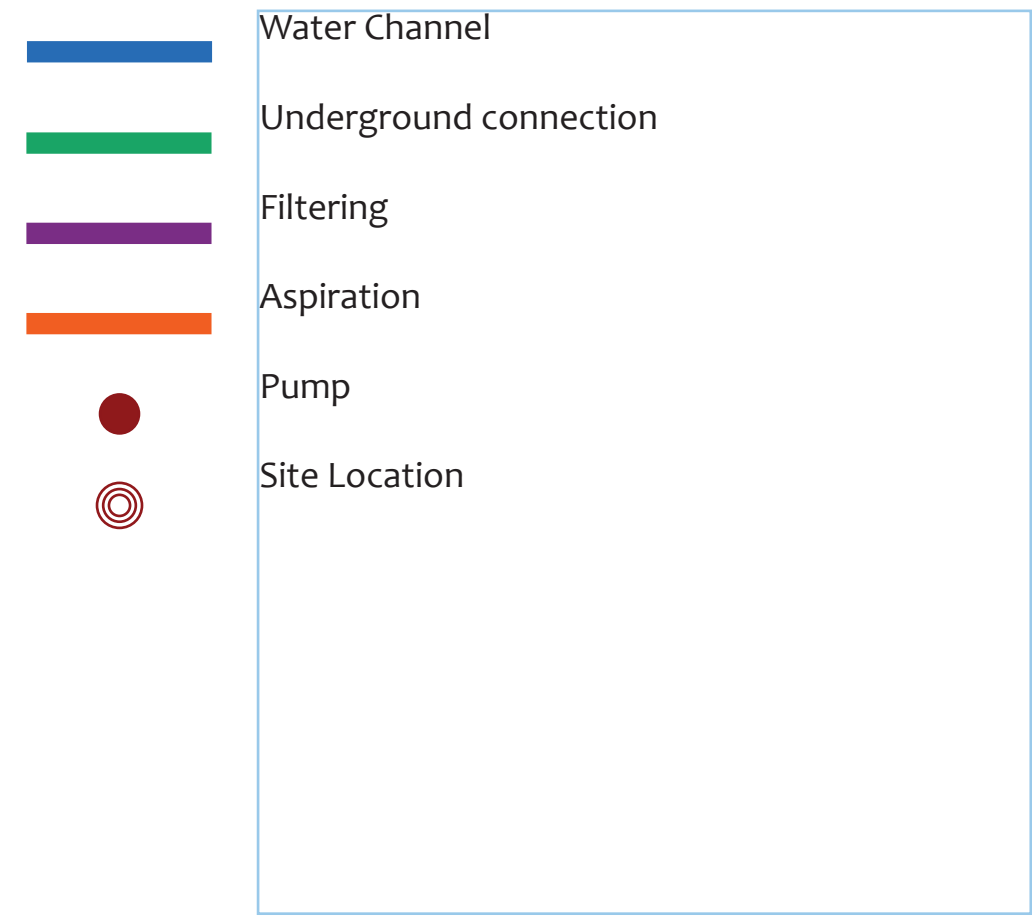


| | |
|---|------------------|
|  | Water Channel |
|  | Filtering system |
|  | Pumps |
|  | Water Inlet |
|  | Site Location |



Water Network - TU Wijk



The sketch is worked out further. This map shows the water network and its aspired additions. To be noted are the plans for the enlargement of the water ponds on site and their connection to the Oudelaanmol ditch (3), as well as the aspiration to connect the Mechanical Engineering water ponds to the circulatory system (2)p



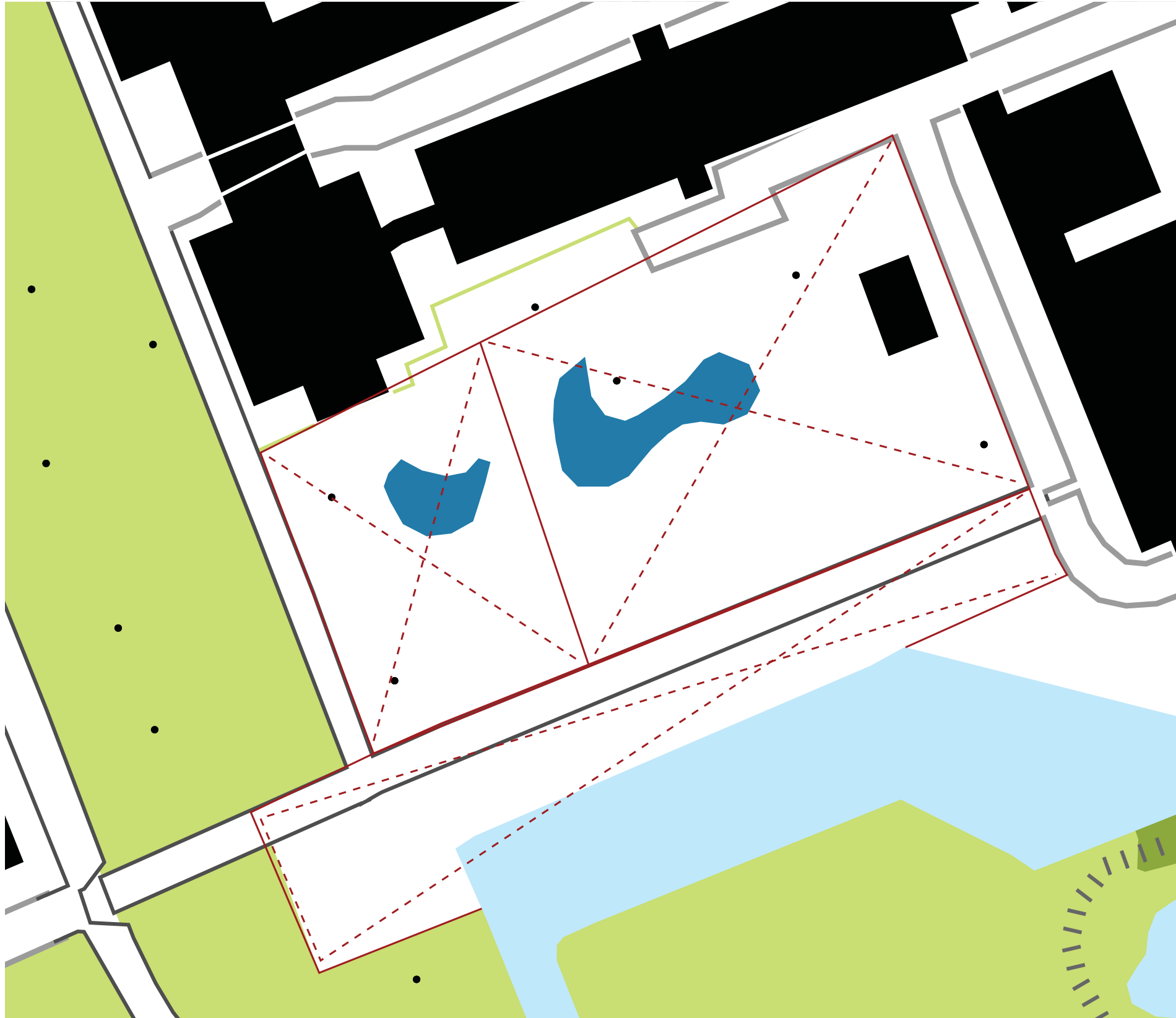
Water Network - Site



This map shows the water structure in the vicinity of the site. To be noted is that though spatially connected to the Mekelweg, the site is in fact part of a different water structure, due to the Mechanical Engineering pond's seclusion from the system, meaning drainage to that pond results in drainage to the Delay Model.

| | |
|--|--|
|  | Schematic Separation Line, Drainage Models |
|  | Site Location |

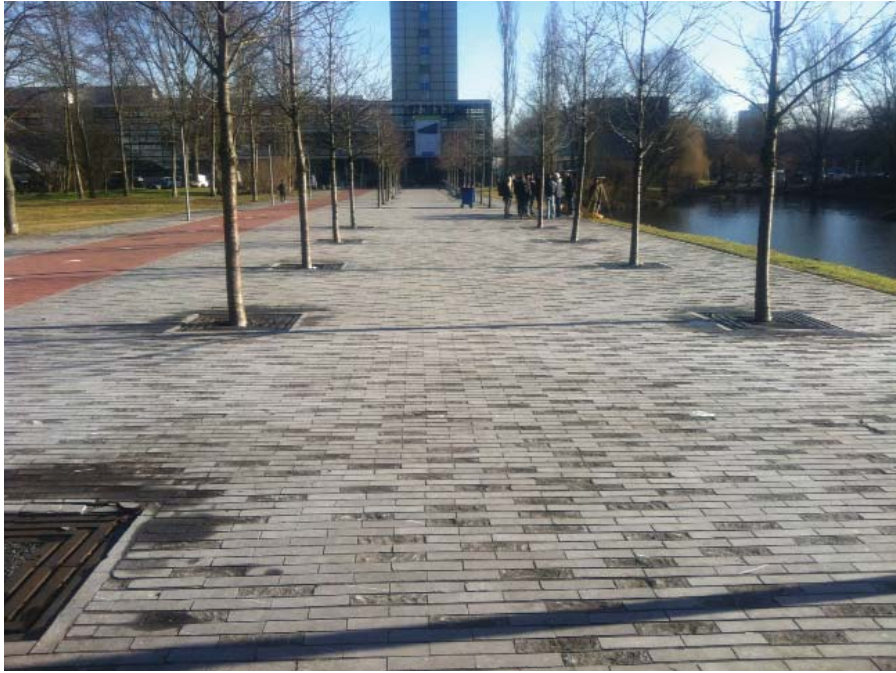
Drainage Zonation



This map shows a rough segmentation of the drainage areas in the site. Underground, all drainage is led into the ditch, where it relays further into the filters and circulates in the network.

Details

1



2



3



4



- 1 - Hardened surfaces are perforated and slanted towards the ditch
- 2 - Stone barriers in the soft surfaces are perforated to absorb and allow water to flow through
- 3 - Additional drainage openings in the soft area
- 4 - A longitudinal drainage line segmentates hard from soft spaces