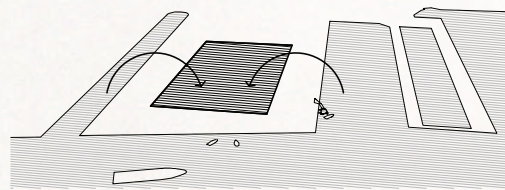
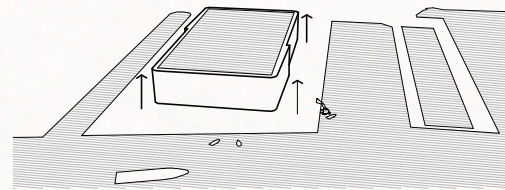


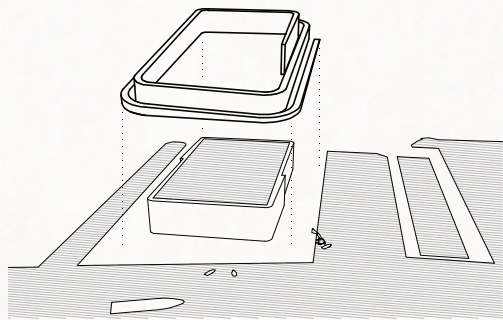
island - man made landscape as pure basis



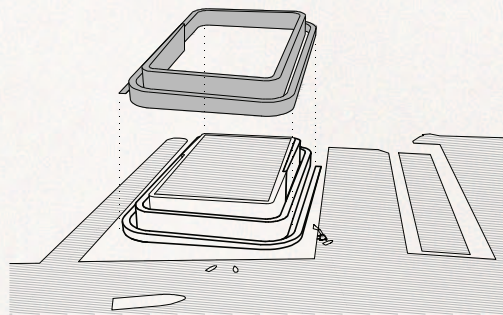
water - back to the roots of historical context



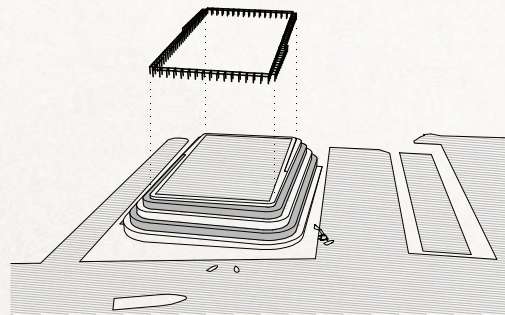
prism - takeover of the industrial form from the current local environment



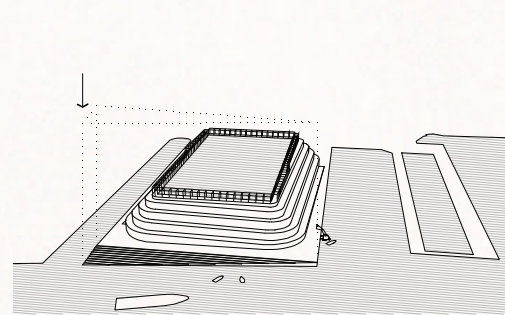
spiral - green landart as return to nature



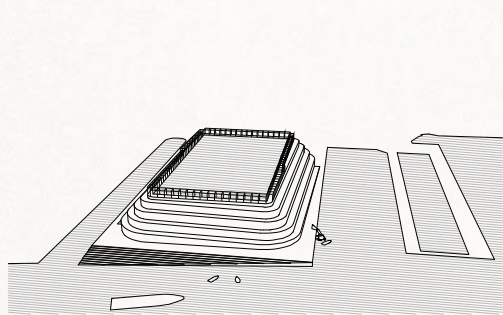
double spiral - increasing of the green areas and access points



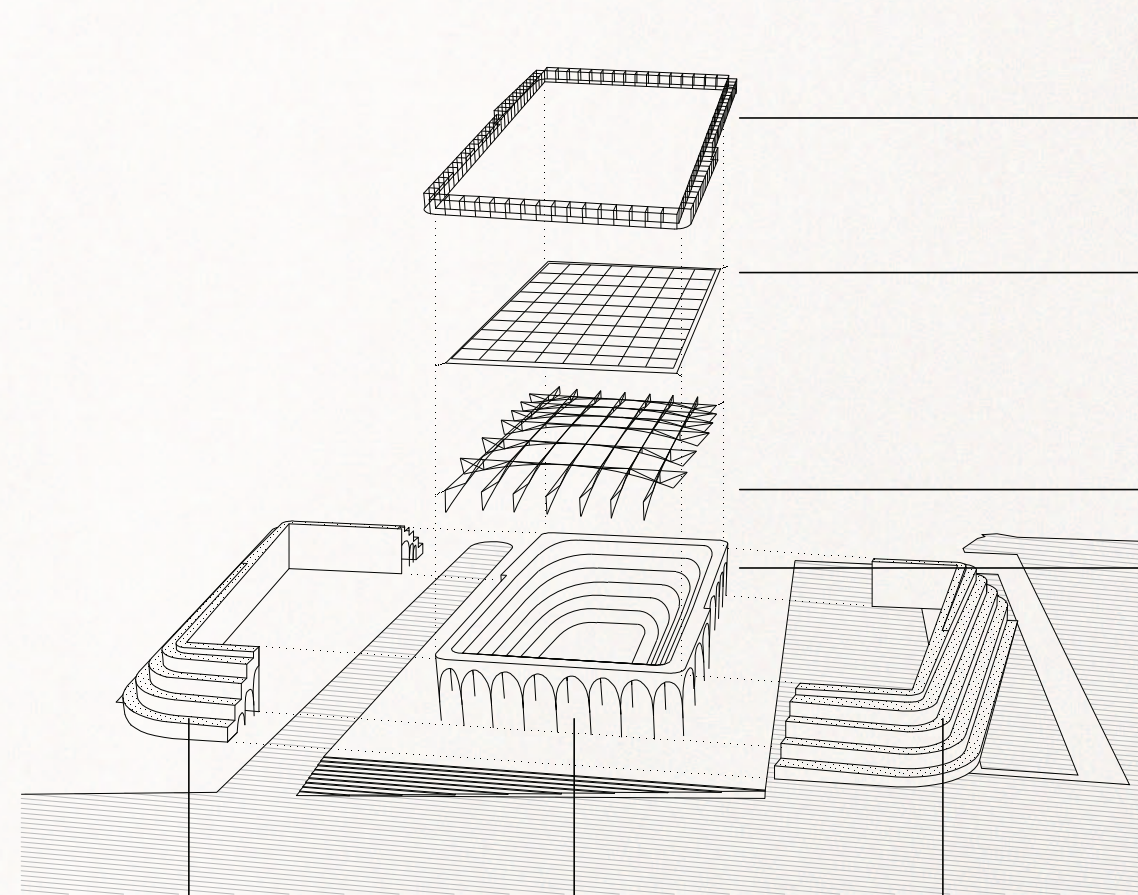
promenade - public space around the lake with precious views



steps - connection and communication with the historical city



garden cathedral - powerplant as green landmark in the city space



The basic module of compact plots is 3x3 meters. On the two spiral pathways, together there are 800 plots of 9 square meters available for micro gardens or micro parks. On the adjacent walls, there are 12000 square meters of vertical gardens available.

An earth embankment supports the reservoir construction while hiding a system of catacombs spaces inside. These are dedicated to operational and technical background of the object. The access to it is located on the east of the structure.

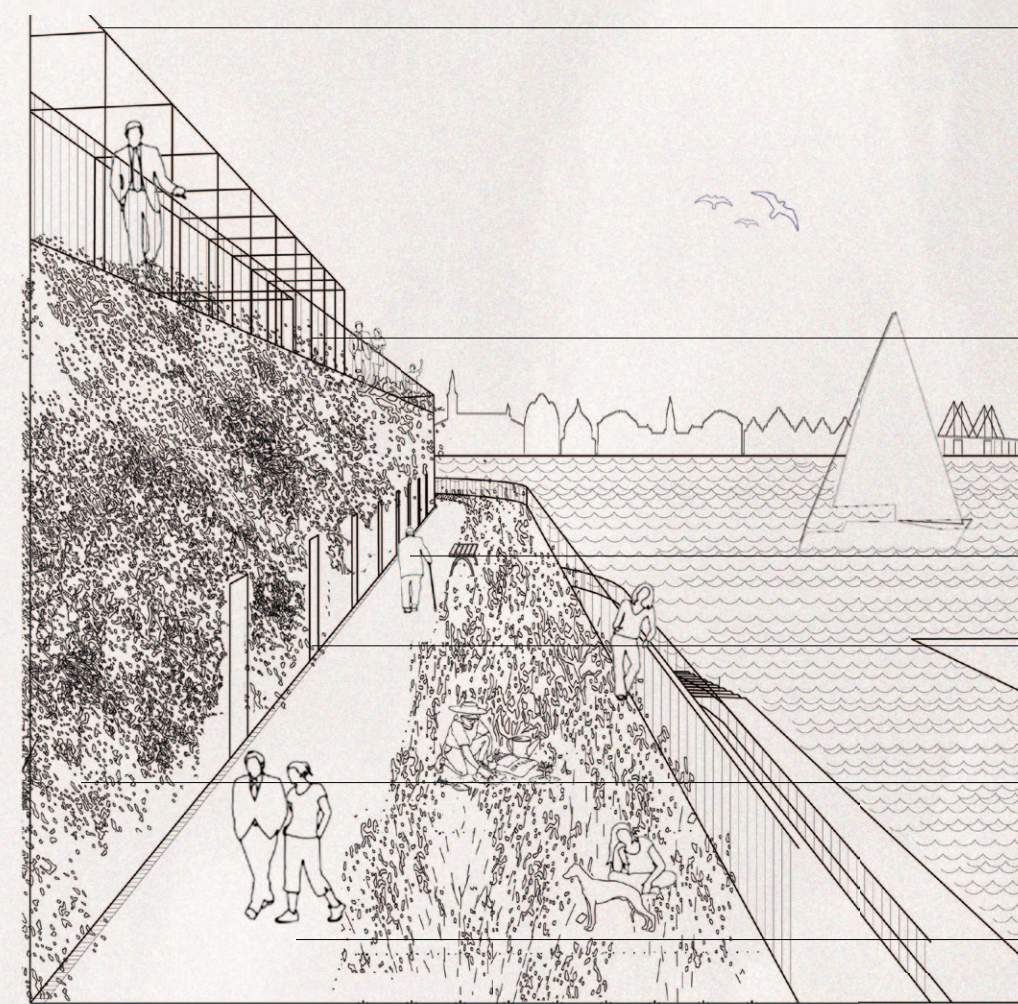
Piezoelectric wires are installed on all pathway surfaces. One spiral path is wide 2 meters and long 1200 meters with a rake angle 1°. There are two spiral pathways spiraling together. On an eventful day, the collected electric energy is enough to power the lightning of the created pavements.

Skeleton construction of the promenade, which is long 465 meters, consists of recycled scaffolding poles in module 5x5x5 meters.

Solar panel grid is slightly submerged beneath the surface of reservoir. The cold of rainwater collected in the reservoir is used to maximize the power output of panels. On a sunny day, the collected solar energy is able to supply with electricity thirteen hundred households.

Spatial beams carry the solar panel grid while allowing the water to be collected.

Reservoir is placed in the heart of the whole structure and is supported by complex construction of vaults. One part of collected water is used to irrigate the adjacent landscape. After filtering through the UV membranes, the rest of collected water is able to supply 634 households with utility water a year, which can be used for flushing toilets or laundry.



Referring to a cathedral, the promenade design acts monumental and transparent at the same time. By night, when illuminated, it seems like floating over the city.

Leading to the top of the hill, two spinning spirals make every single point of the pathway offering an unique view of the city.

Public urban space becomes the form of a lively street, which offers a nice walk for local visitors and tourists together.

Hidden in adjacent walls, every plot has a storage room to save tools and a water connection for irrigation. It can be space dedicated also to public restrooms or other needed functions.

Vertical gardens create three-dimensional landscape experience, supported by effect lighting in the dark.

Along the spiral, piezoelectric sensitive pathway, there is space dedicated to greenery. Either the plot acts like a rentable garden for citizens, or place for public urban park, depending on actual demand situation.

