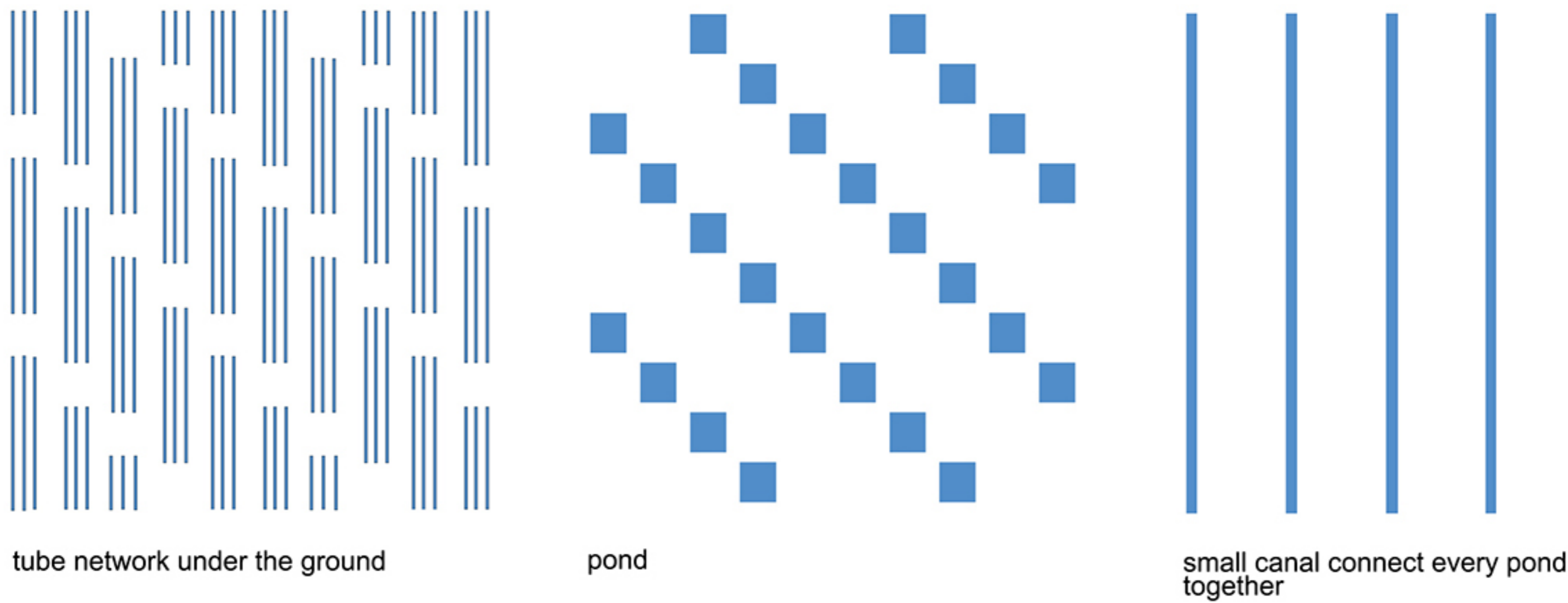
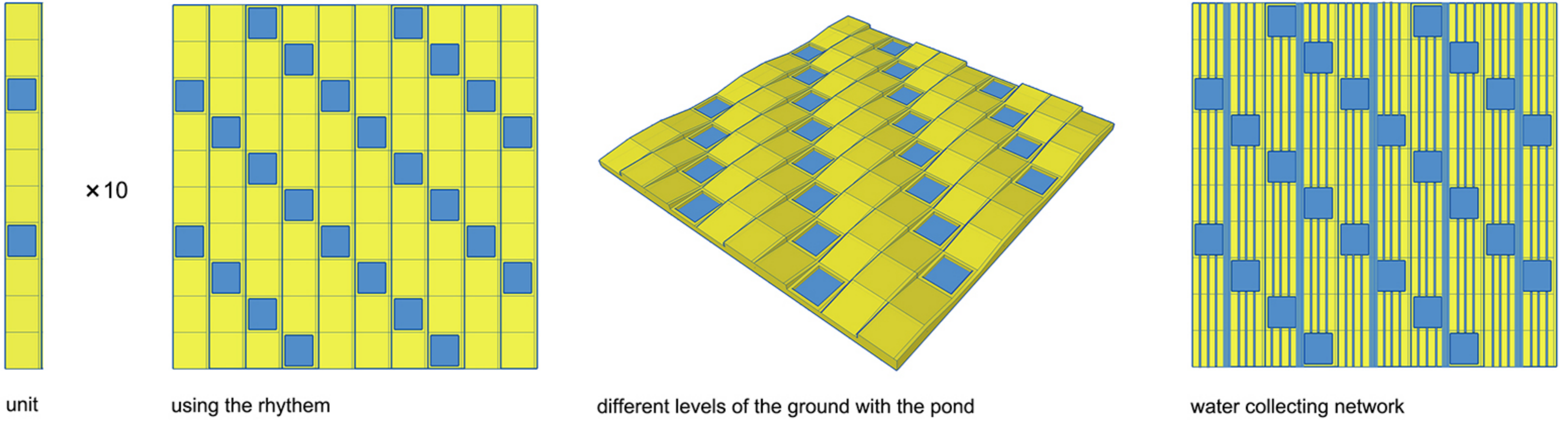




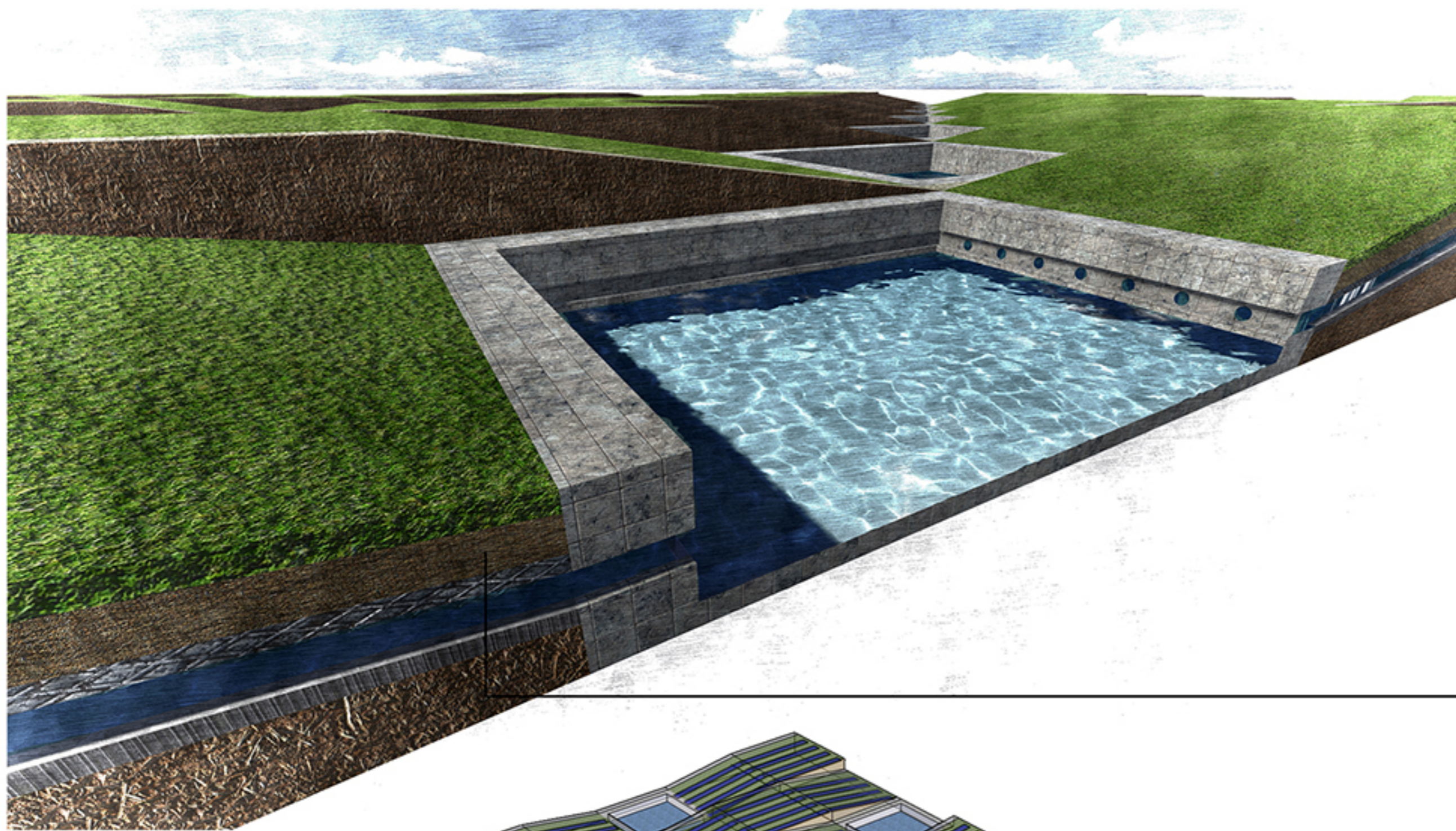
Water collecting system



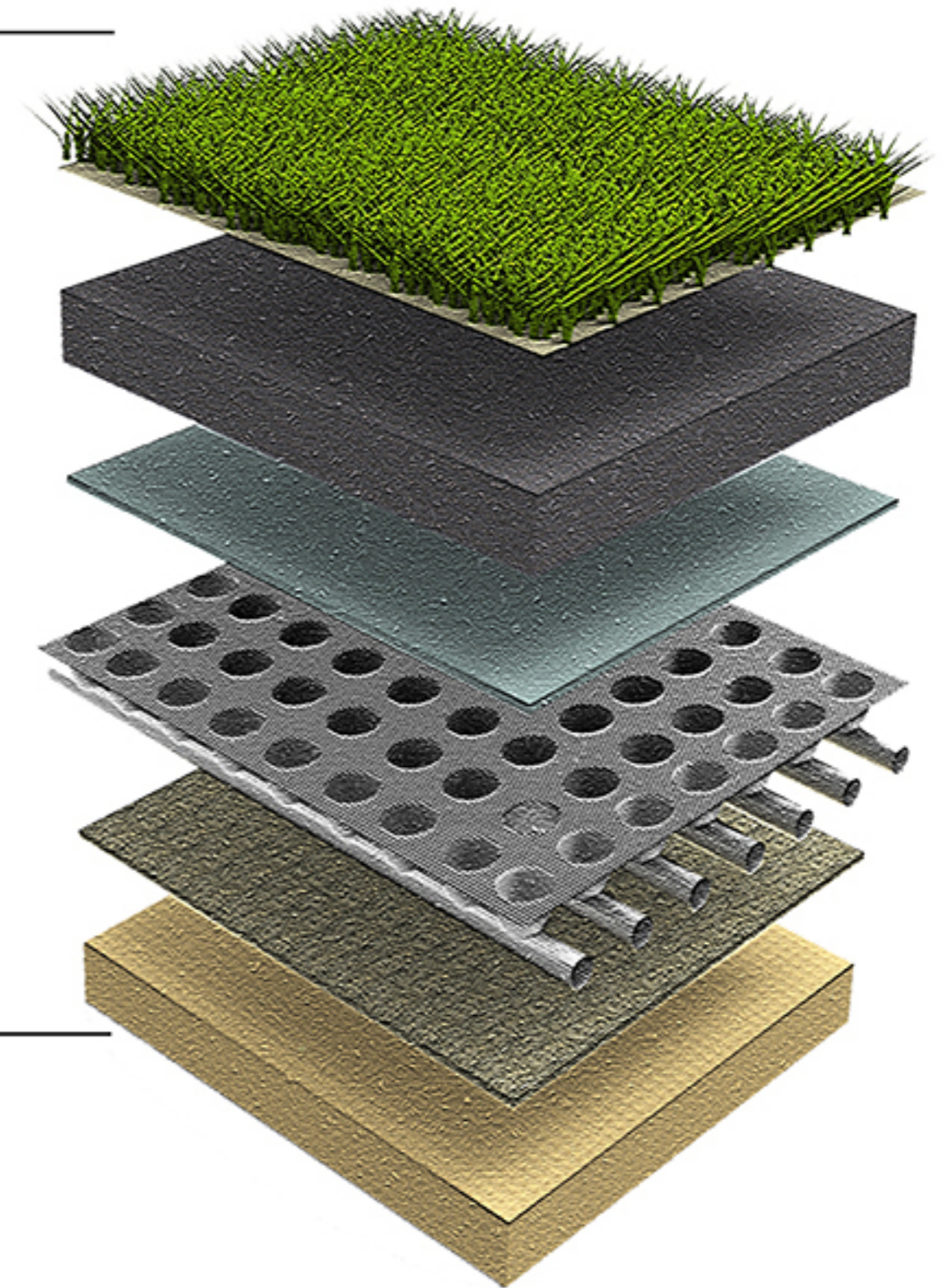
We want to take the full advantage of the whole site to collect the water, water collecting system consist of two parts.

One part is the ground water collecting, and this is the main water collector. It is composed of the tube network, canal, and the pond.

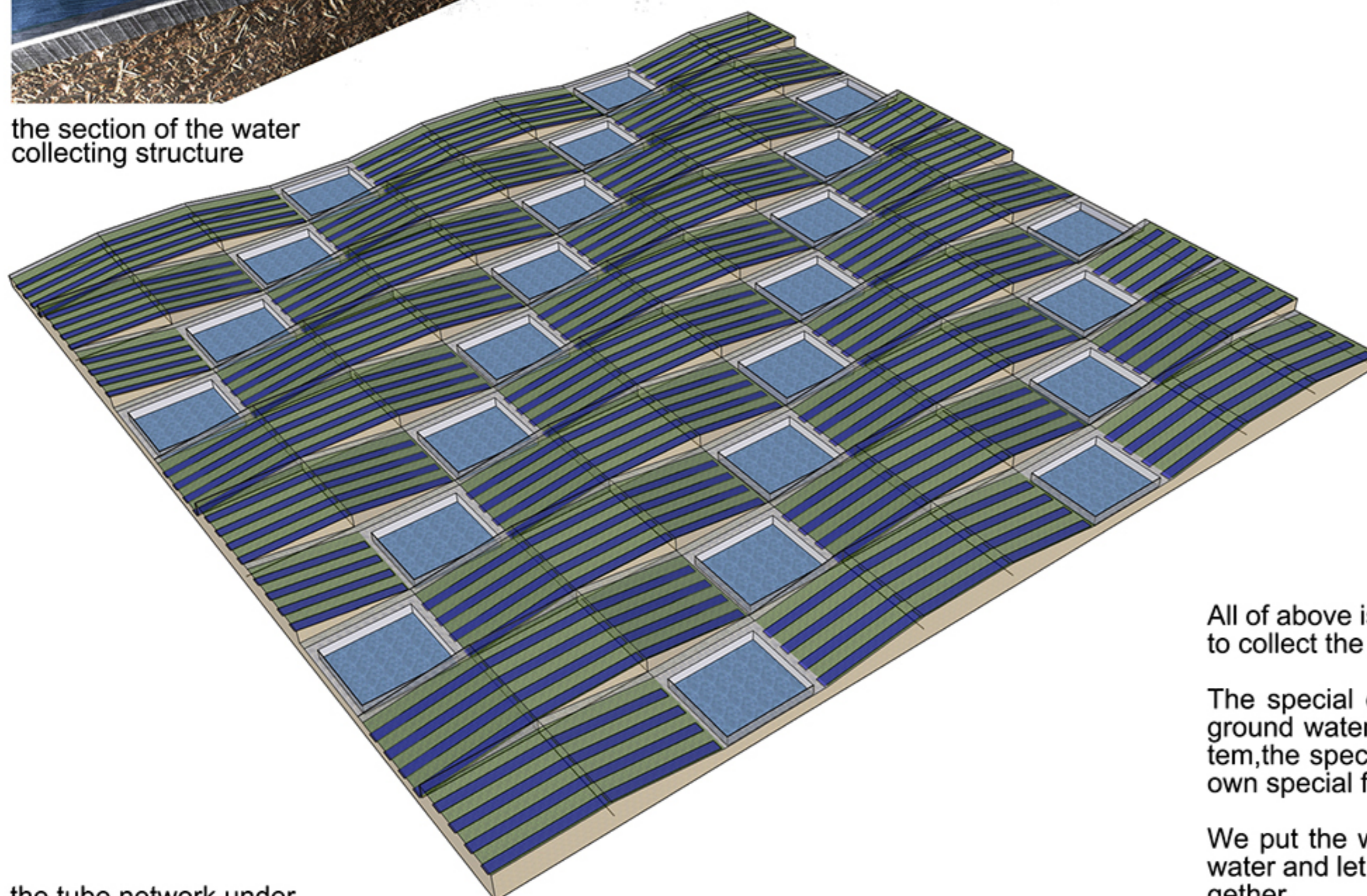
Another part of the water collecting system is the house. We apply the soil layer to the roof and wall, we can not only plant the crops but also collect the water.



the section of the water collecting structure



- Plants
 - Growing medium
 - Filter fleece
 - Drainage layer
 - Waterproofing membrane
 - Soil
- small water collector
- tube



the tube network under the ground

All of above is the ground water collecting system, we use the whole site ground to collect the water.

The special design of the ground layer is the most significant element in the ground water collecting system, it is the core of the whole water collecting system, the special structure of the ground consists of six layers, each layer has its own special function and they work together to collect the water.

We put the whole tube network under the ground, the tube network collect the water and let the water flow into the pond. Each small canal connect the pond together.