

Invisible farm

Invisible farm is a series of hexagon units, which let user create their own vertical farm pattern on their windows.

Global urbanization has resulted most of the population living in urban area. Our living style is getting farther and farther from cultivating vegetables and surrounded with favorite flowers. However, there is still hope having your small garden along with your tiny windows. Invisible farm units are able to adapt any size of windows by configuring its formation.

Invisible farm is following the basic concept of vertical garden with hydroponic system, which circulates water with nutrients for plants to grow without soil. There are a few options for the medium for plants to grow instead of using soil, such as coconuts hair or sponge for hydroponic system to well circulate water. In our case, we use gel polymer with plants nutrients, which allows lights to transmit through it.

Invisible farm units maximize use of small windows in high density cities to harvest edible plants or green plants and decorate your windows on your own way.



Material

Recycled PVC & Acrylic

Soil Medium

Gel Polymer with Plants nutrients

Units Joint System

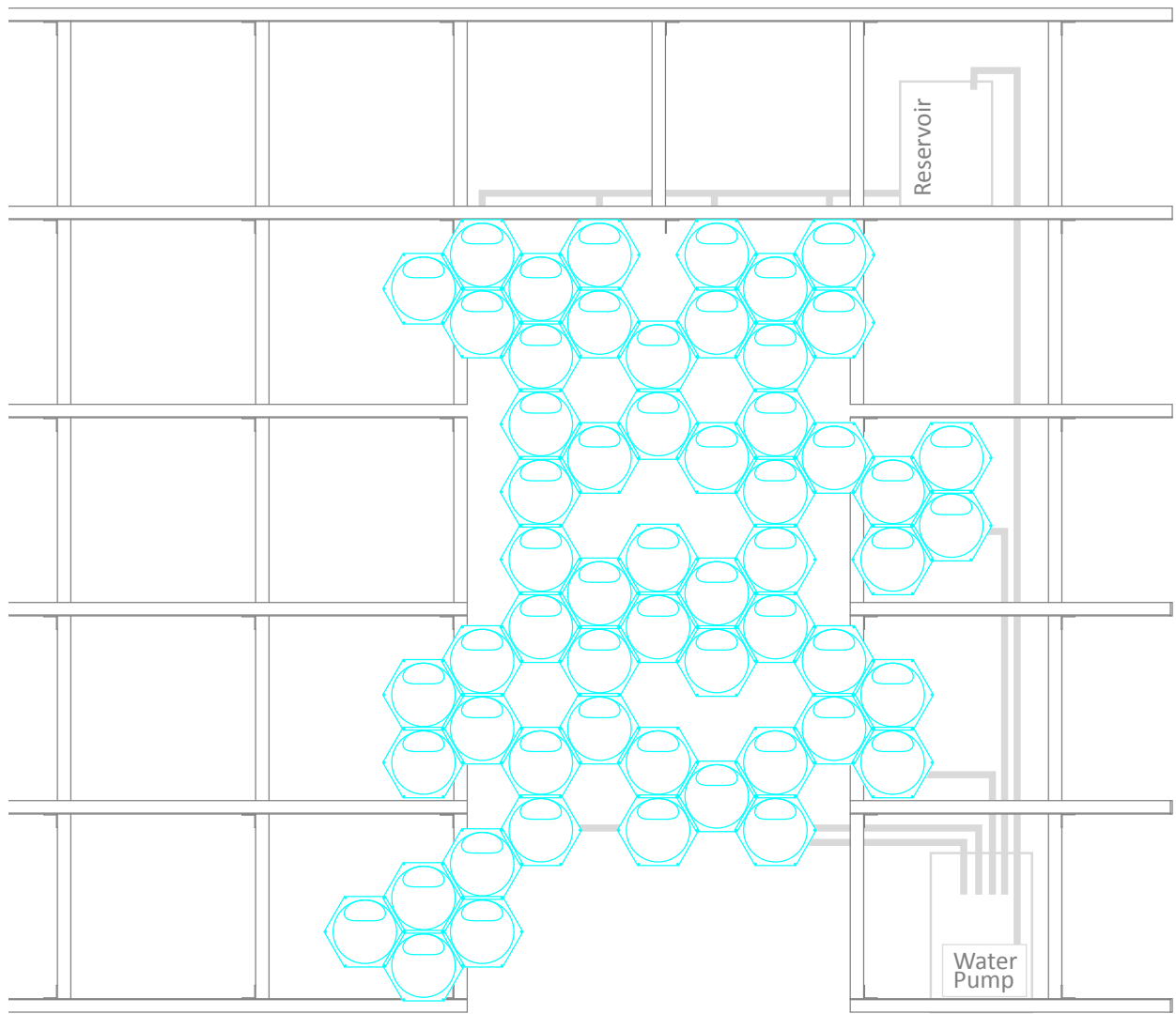
Typical Bolt & Nuts

Water Circulation System

Typical Fish tank water pump

Grow-able Plants

Basil, Mint, Paper, etc.,



Invisible Farm Water Circulation System



Gel Polymer with Plants Nutrients



Typical Bolt & Nuts Joints

