

Since the structures are slim at ground level and expand up in the air, a rather large foundation is needed to make them stable and safe, which means that most of the island will be dug up to install the foundations. That would be an opportunity to remove the semi-waste base that is in the ground on the island.

To prevent the wind from destroying the Sphelar® embedded fabric, there are several vertical panels in the structure, mounted on small servo motors that can turn the panels to make the resistance weaker. Because of the properties of the fabric this will not be necessary when there is any wind short of a large storm. This will be done remotely if the weather reports deem it necessary.

Since the local development plan mentions the city gardens that are placed at the site at present time and the wish for them to be preserved, we decided to incorporate them in the concept. However, observations deemed that they had room for improvement, leading to the design of the large raised flower beds running diagonally on the entire site, underneath the structures.

