



Promenade around the installation



Looking out through the installation

ECHO OF WIND  
PROJECT BREAKDOWN

The project consists of a variety of static and dynamic springs distributed over the entire site. Whereas the static springs can host various forms of platforms viewing spaces, the dynamic springs are being moved by the wind.

The bending of the light-weight carbon fiber springs, transforms the mechanical forces of bending and motion into electrical current through piezoelectric. Pieces of textile are connecting the dynamic springs, helping to both catch and bend the springs, but also create an echo of the wind pattern. In this dance between wind, textile and electricity the visitors are invited to take part through exploring the different areas within.

The project is highly scalable and flexible, and can be adapted to various sizes and formats. The project is laid out in a grid, but it is within the grid possible to rearrange - attach and detach springs - exchange static and dynamic springs, to accommodate events, different seasons or programmatic ideas.

This flexibility is achieved through a shared plateau in concrete, which shelters the electrical and mechanical devices. With the right tools it is possible to rearrange the different components so the installation can be optimized for any given scenario or activity. And thereby becoming more than a purely energy producing intervention, but also a public space that enables a dialog between wind and visitors - nature and humans.

Potential situations within the installation

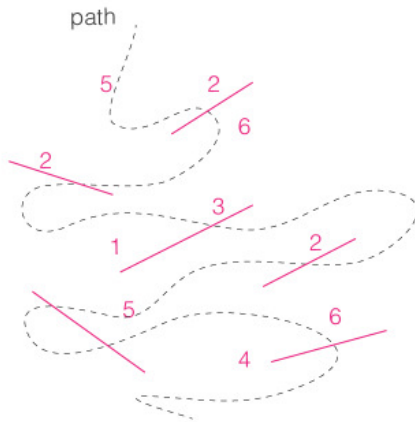
Play

1 Interaction



Playground

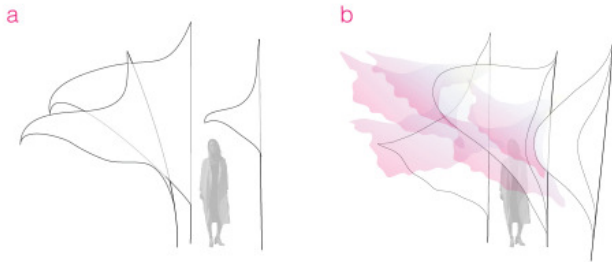
sequences of experience



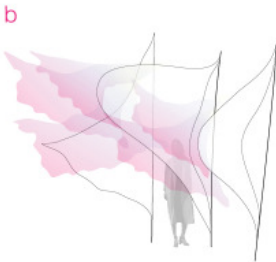
Wandering in the forest

See

2 Watching the captured wind force



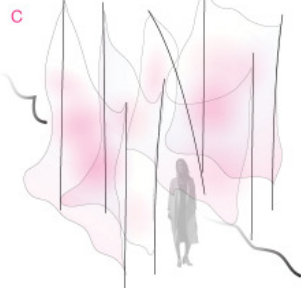
swaying textiles



colour

Sense

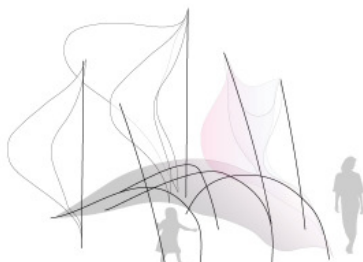
3 Enclosure



Seeing the wind flow  
(Through dynamic pattern change)

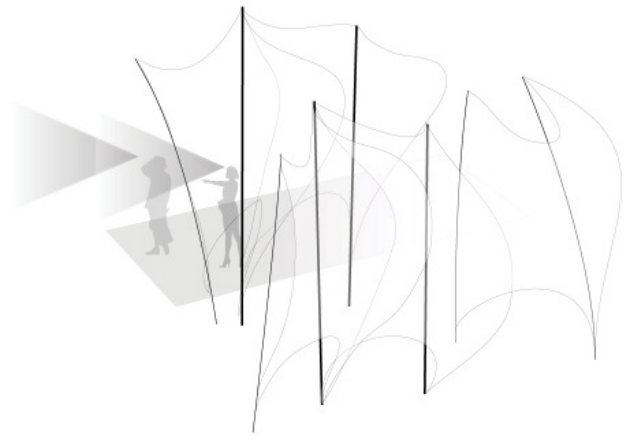
Hide / Protect

3 Enclosure



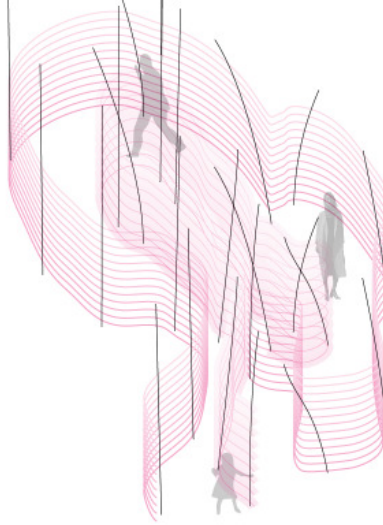
shelter

4



viewing platform

5

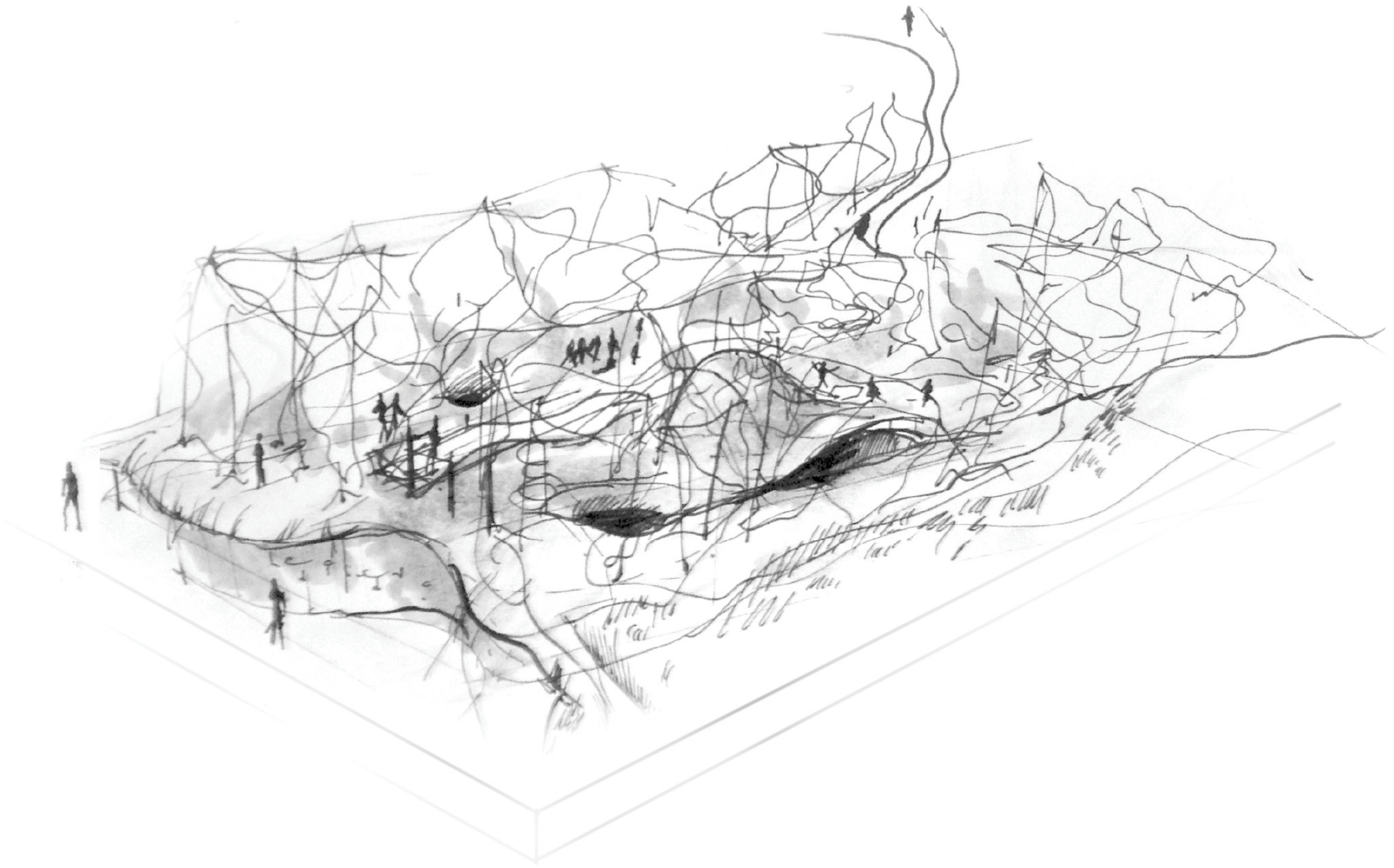


labyrinth

6



Event space  
Auditorium



Conceptual sketch of the installation