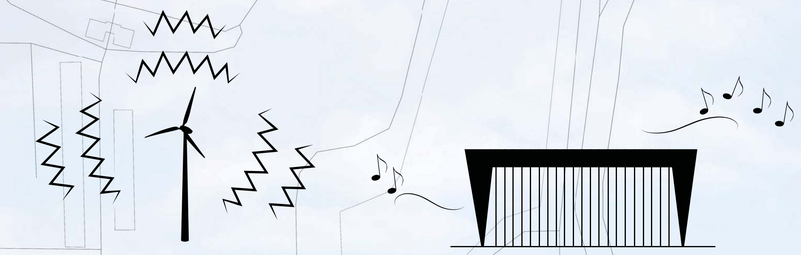
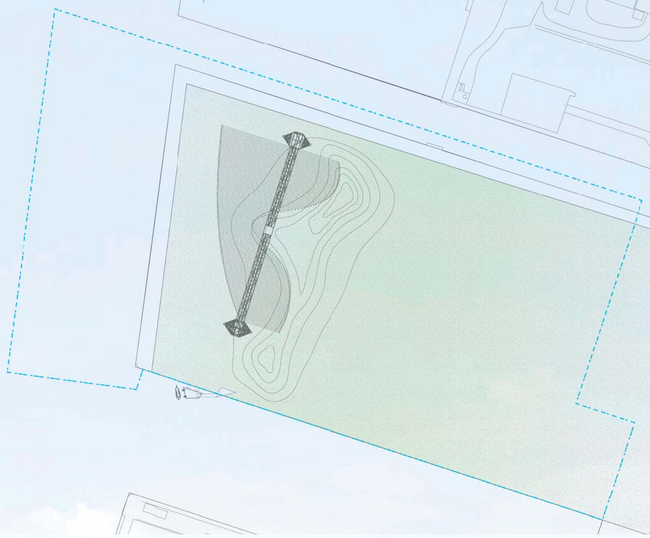


wind harp

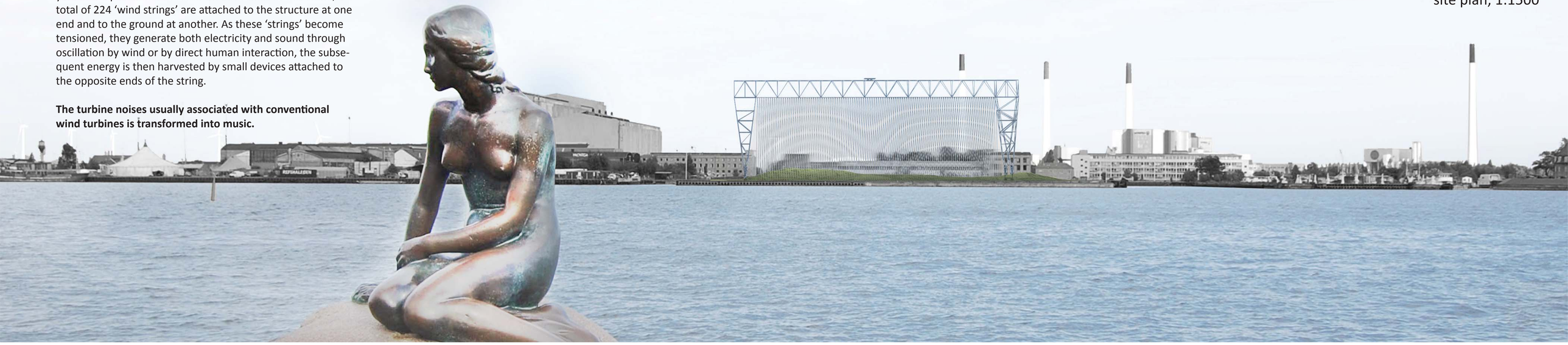
wind powered instrument generates electricity

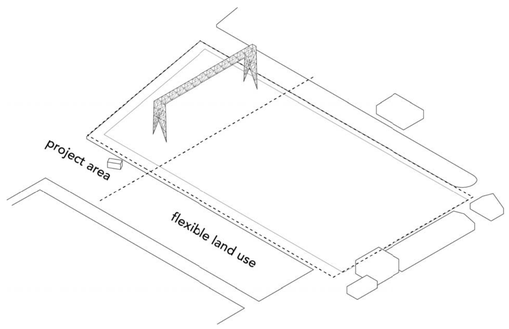
With the intention to tackle noise and cost problems of the conventional wind turbine, our project proposes to first erect a stationary crane structure of 30m by 100m at the proposed area near the coast line, next to the water bus station. The structure, a minimal frame of light-weight steel, is a reference to the gantry cranes that used to operate in the B&W ship-yard in the past life of the site. On both sides of this crane, a total of 224 ‘wind strings’ are attached to the structure at one end and to the ground at another. As these ‘strings’ become tensioned, they generate both electricity and sound through oscillation by wind or by direct human interaction, the subse-quent energy is then harvested by small devices attached to the opposite ends of the string.

The turbine noises usually associated with conventional wind turbines is transformed into music.

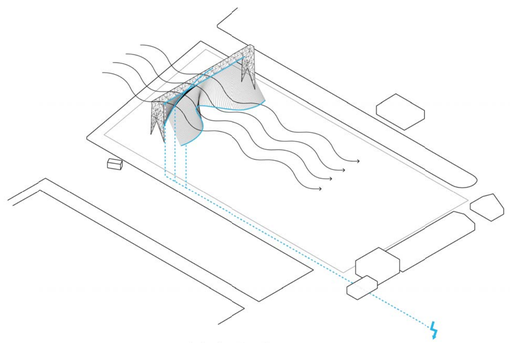


site plan, 1:1500

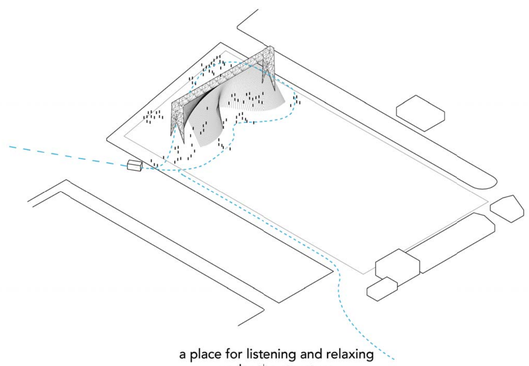




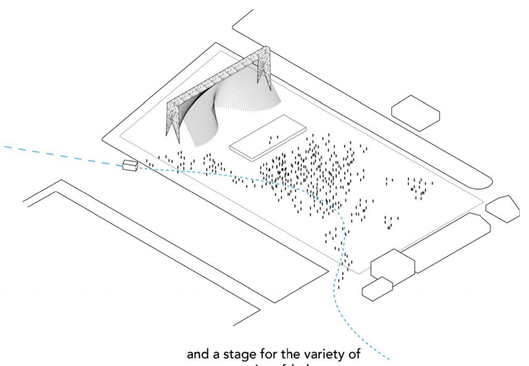
The crane structure helps frame a plaza space



‘wind strings’ generate electricity and sound



a place for listening and relaxing under the structure



and a stage for the variety of events in refsheleon

implementation strategy