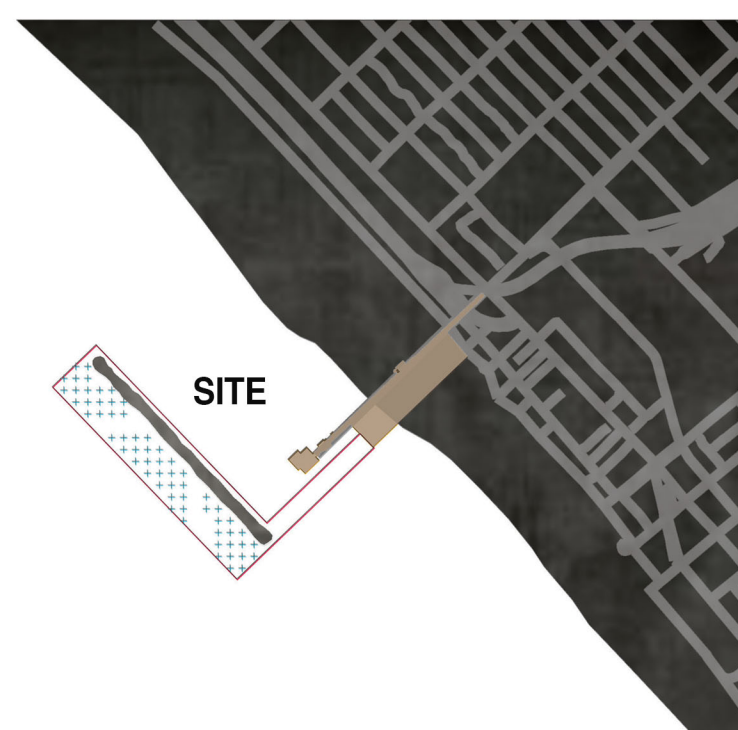


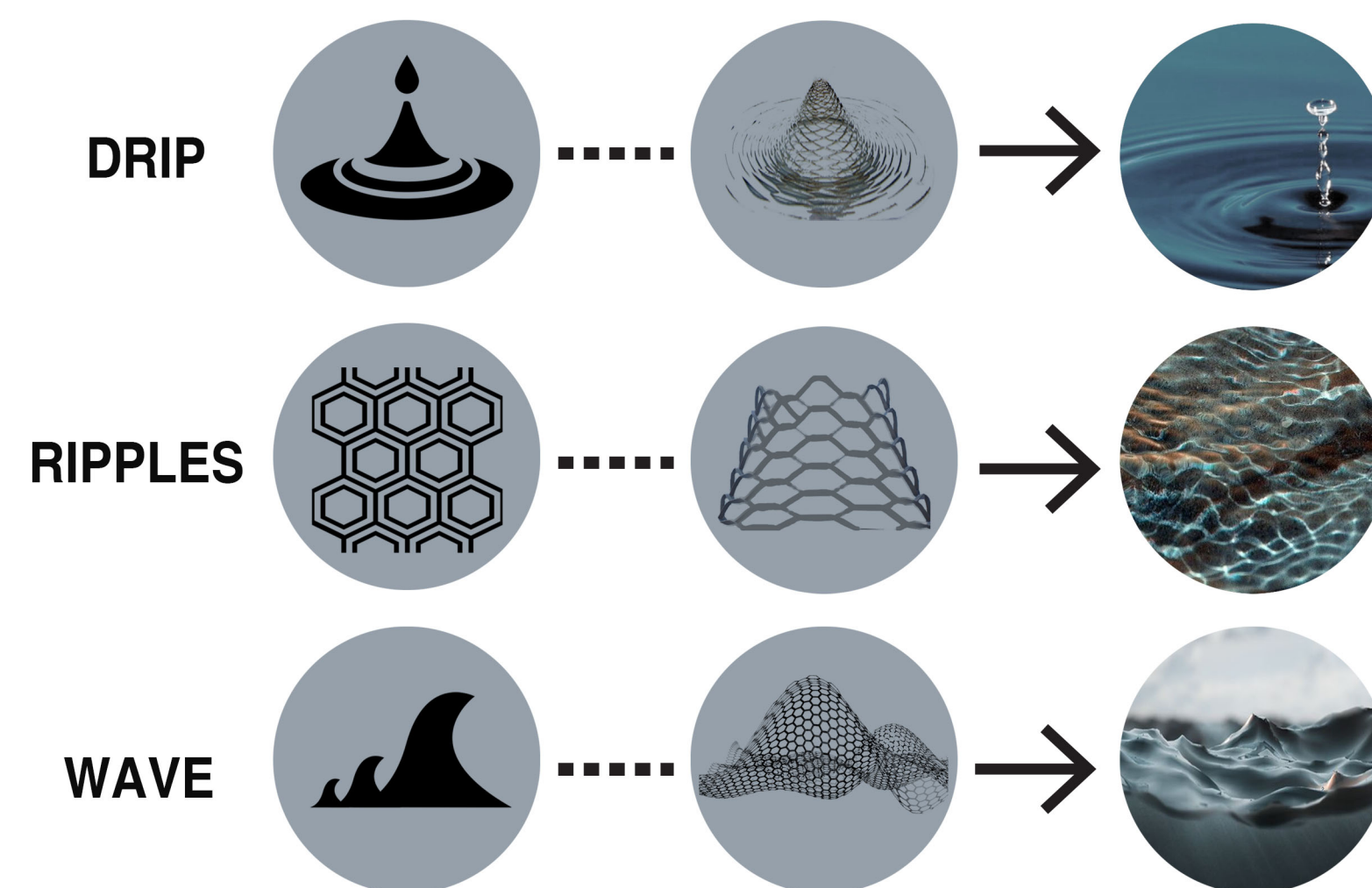


LOCATION



The main objective of this proposal is to generate electricity and freshwater, and at the meantime provide an iconic dynamic landscape structure along the Santa Monica beach.

CONCEPT



Due to the shortage of freshwater in California, the device is designed to merge the solar electricity generation and seawater desalination together and to collect solar thermal energy for producing electricity and freshwater.

On top of the device, a water pattern mesh with enough perforation for sunlight is proposed to prevent birds strayed. The mesh is supported by telescopic vapor pressure rod. The height of rod would change depending on the mean wave height in each past hour.

The landscape network undulates with vapor pressure rod, creating the wave effect and visualizing natural water wave texture in the coastal waters of Southern California to visitors.

AERIAL VIEW

