

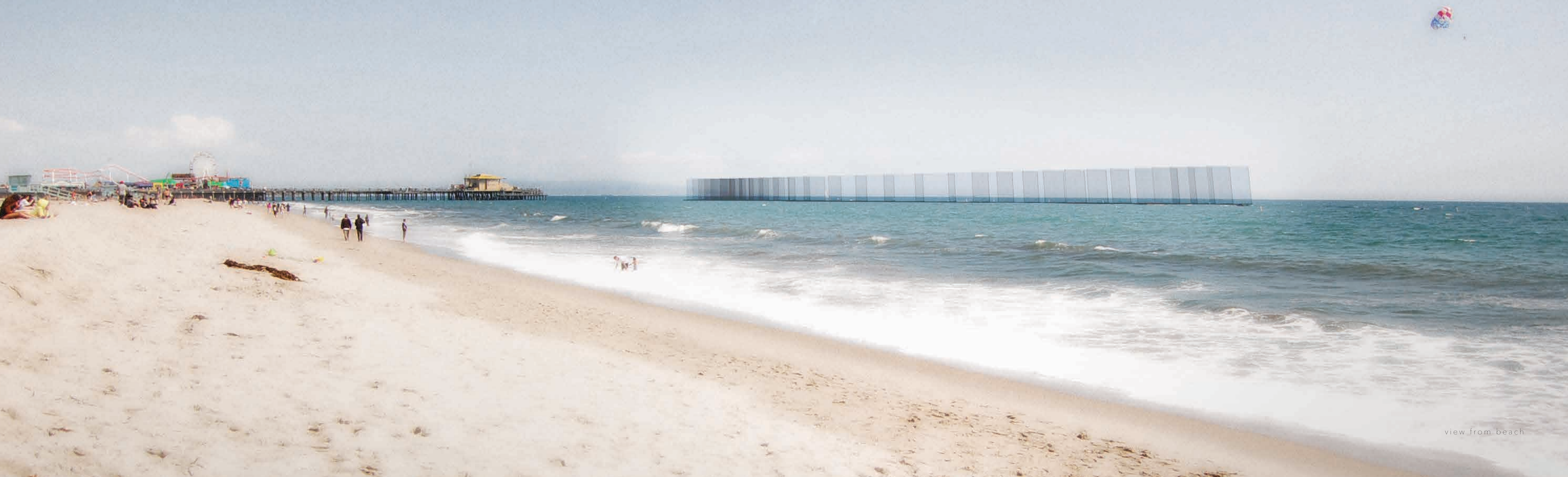
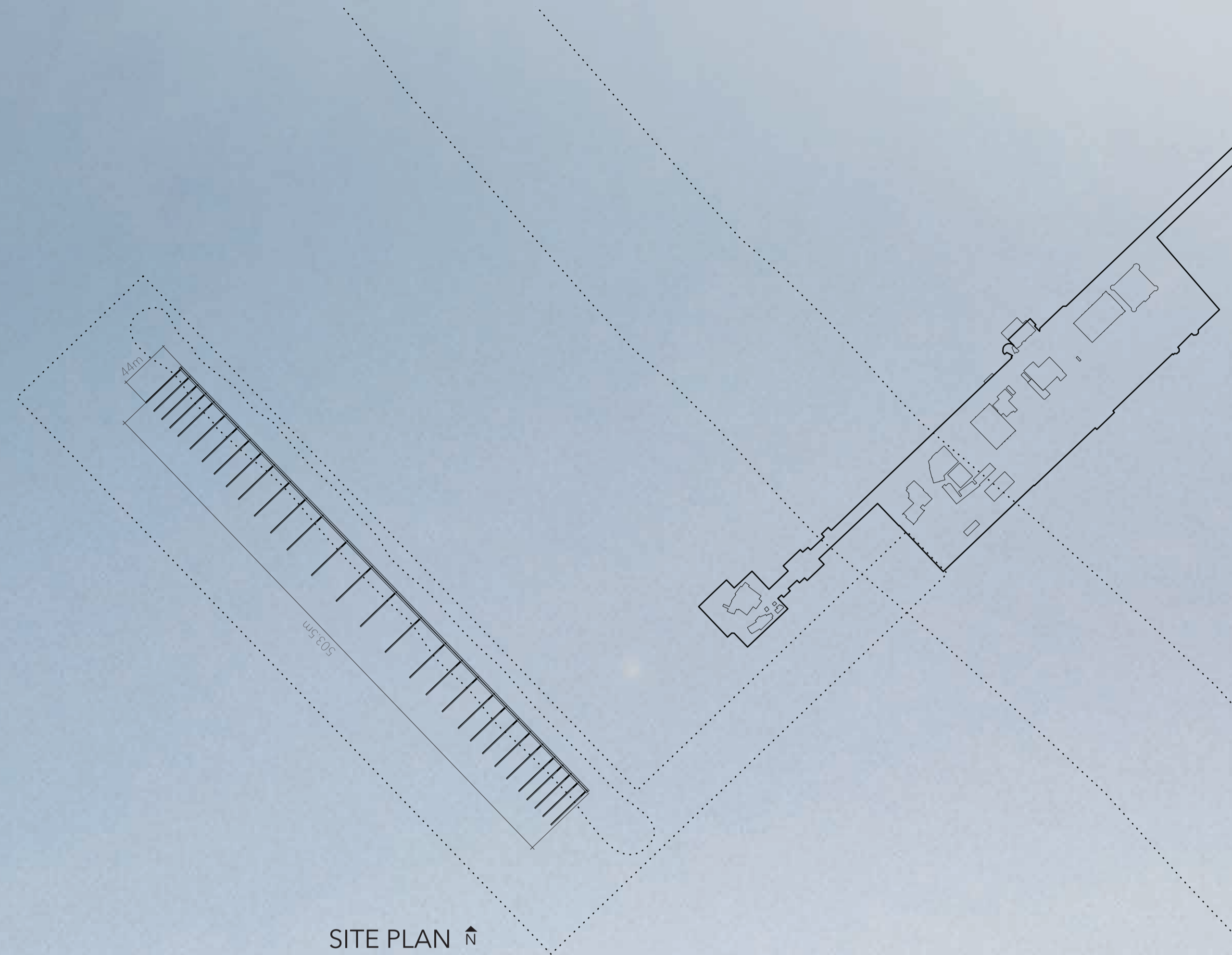
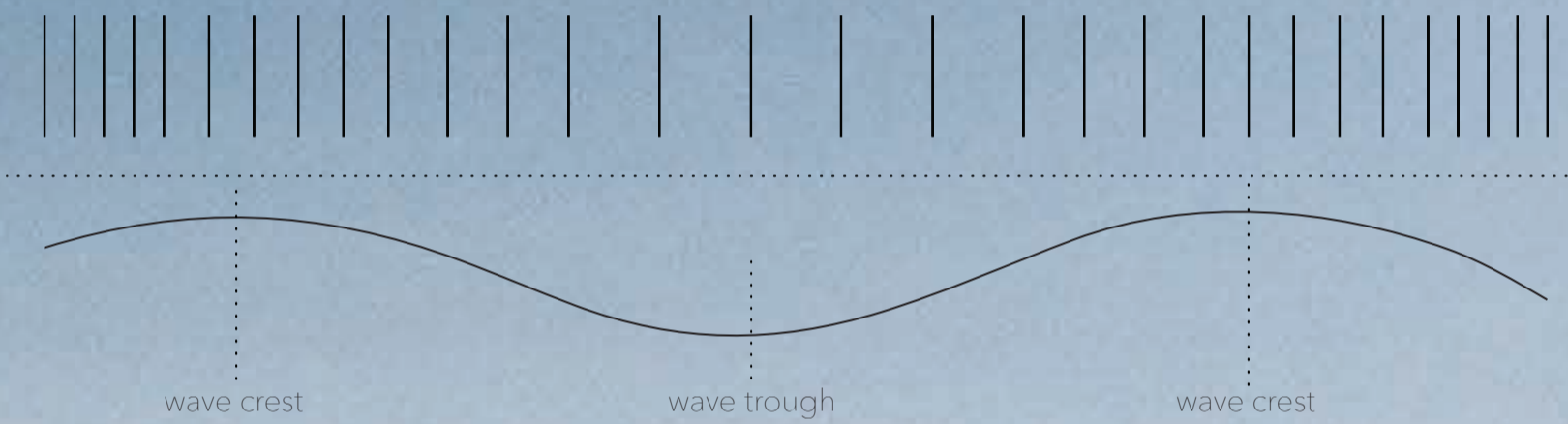
# HORIZON LINES

the transparency of energy

The Santa Monica Pier has a rich and diverse history, evolving greatly over time as the city around it has shifted into the present. HORIZON LINES takes a part of this history and turns it upside down. In its original form, the pier was built to cover a sewage pipe that emptied into the ocean, working to hide the effects of humanity on the environment.

The HORIZON LINES project presents a dichotomy to this piece of history by creating a transparent energy source, taking the image of the pylons of the pier and the form of a wave and placing it on the horizon line for all to see. The project is composed of BIPV (Building Integrated Photovoltaic) glass panels whose spacing is based on the environment surrounding it, the crest and trough of a wave. The panels are spaced tighter near the end of the pier to create the intensity in the crest of the wave, reflecting and refraction water and sky. The middle portion represents the trough of the wave, where the ocean becomes calm and glass-like. This pattern culminates again with a tightening of the panels to signify the next peak of the wave as it heads toward shore.

Walking along the beach or pier, a visitor experiences different perceptions of the sculpture, like the glint of a wave in morning sun or a crystal clear view through the panels to the true horizon behind. HORIZON LINES pays homage to the history of the pier, while showing visitors glimpses of the beautiful breakwaters of the ocean through a new, transparent take on sustainable energy.



view from beach