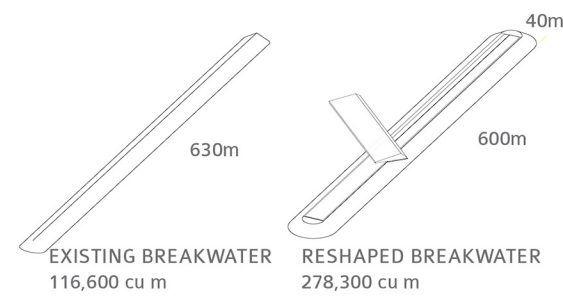


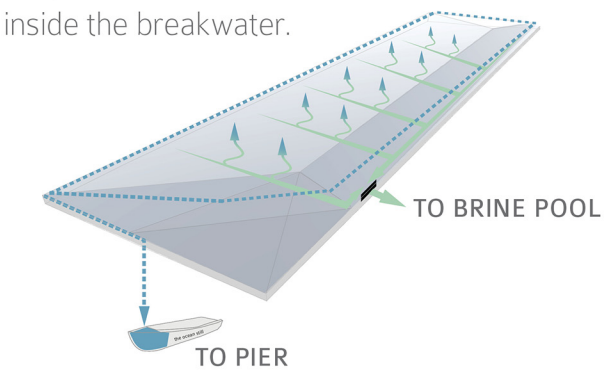
BREAKWATER

The existing breakwater infrastructure is reshaped and used as a foundation, with additional salvaged material sourced to construct the pools.

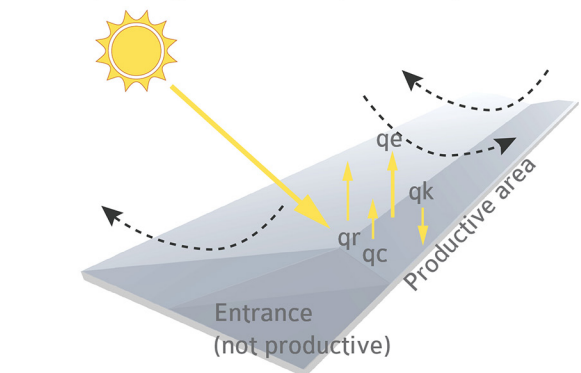


STILL DETAILS

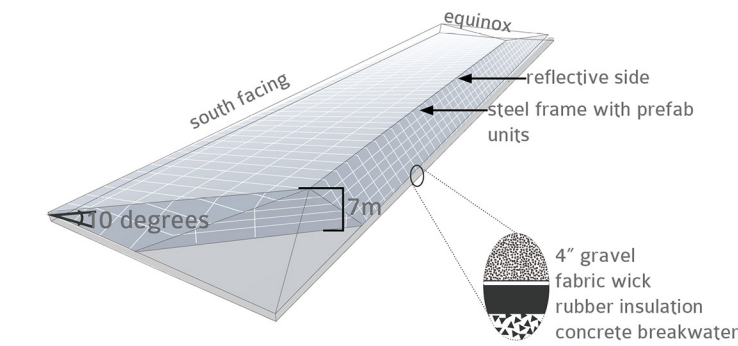
A collection channel directs the pure distillate into a cistern inside the breakwater.



The angled glass walls maximize solar heat and exploiting the flow of prevailing winds.

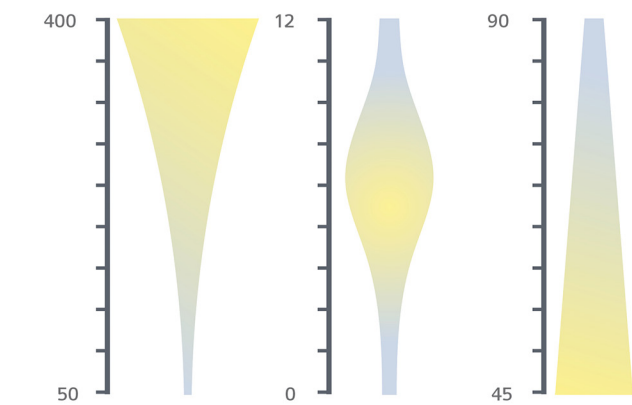


qe= heat transfer by evaporation
qc= heat transfer by convection
qr= heat transfer by radiation
qk= heat transfer by conduction

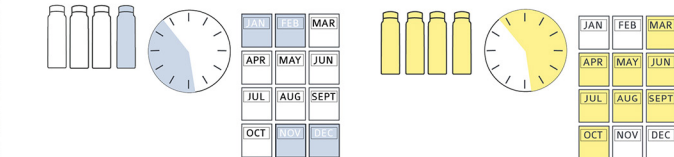


The Still is composed of prefabricated glass units and inside the still, dark gravel, fabric wick, and rubber insulation maximize evaporation of sea water.

VISITORS HOURS



The Still's visitors hours are variable, determined by environmental factors.



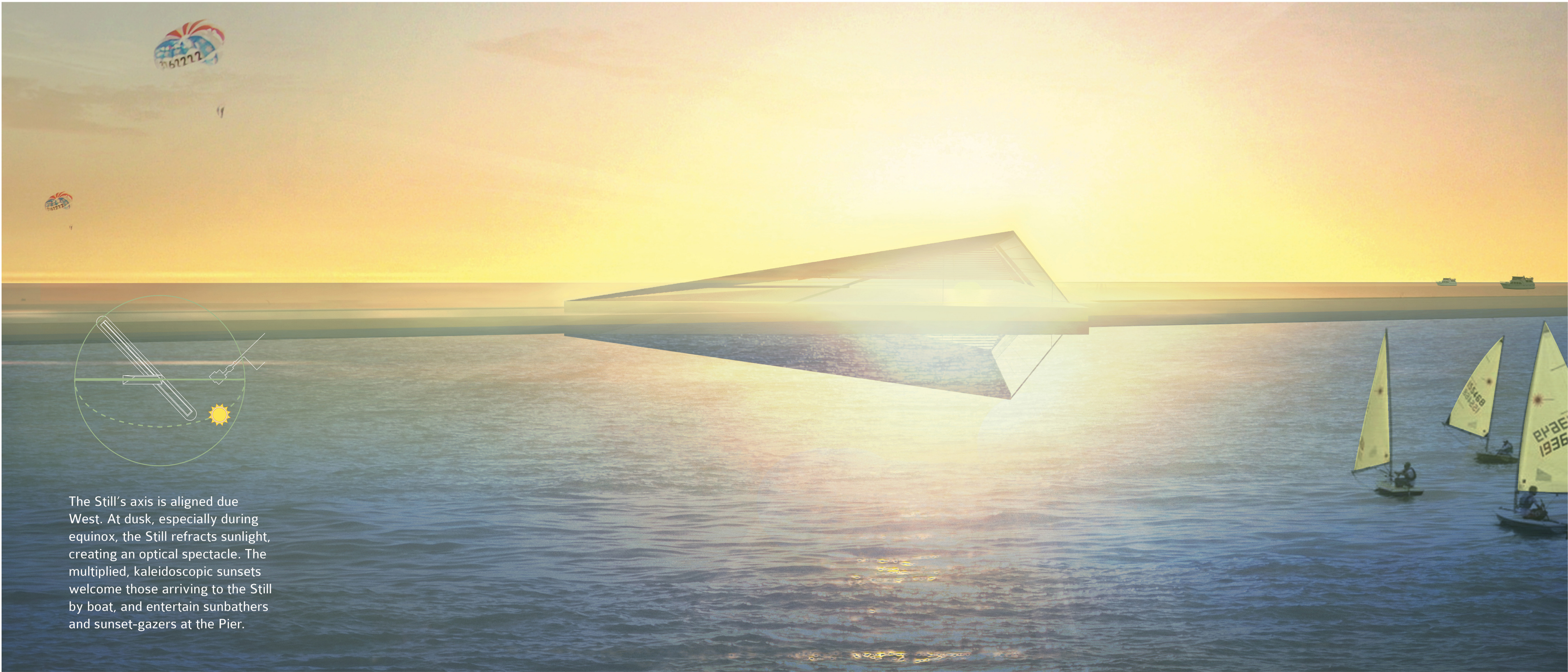
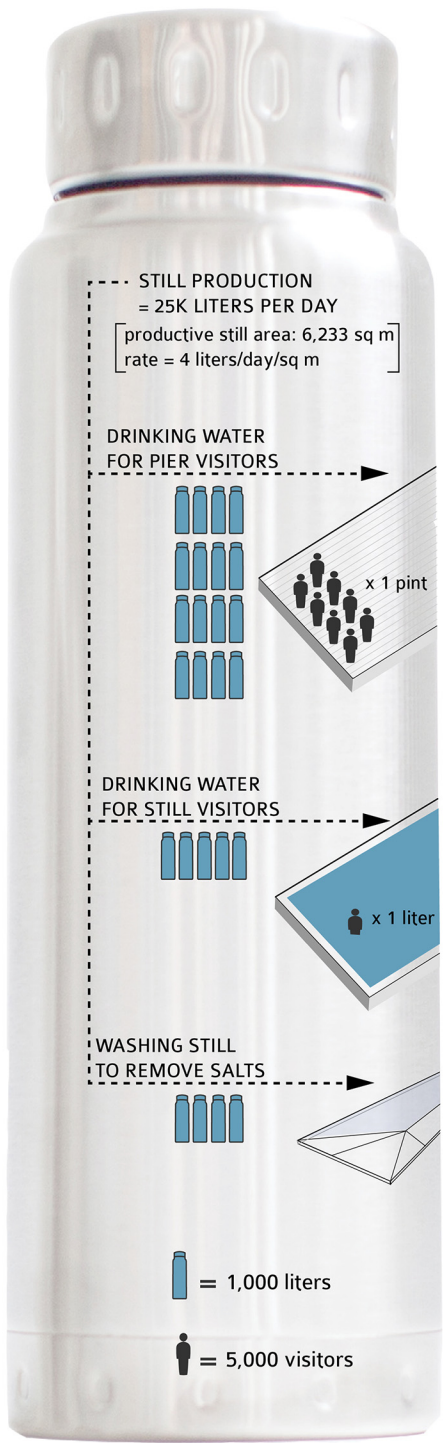
Collection of freshwater delivers a pint of water to each of the 45,000 daily visitors to the Pier and the Ocean Still.

In the act of drinking water transformed through distillation, one has a sense of its origin from the salty Pacific. But in visiting The Ocean Still, a meaningful connection is made. The atmospheres of the hydrologic cycle become tangible, and the alchemical power of the desalination process is linked to human experience.

By using recognizable processes The Ocean Still demystifies the endeavor of extracting freshwater from the ocean, without understating the inherent challenges. Large amounts of solar energy and extensive infrastructure are necessary to produce enough water to sustain a growing population.

The Ocean Still encourages hope in simple technologies that will not readily become obsolete; drought and thirst cannot be easily solved at the push of a button. Thoughtful interventions in our lives and landscapes, beyond providing solutions, have the capacity to engage the desires and delights of the senses.

THE OCEAN STILL



The Still's axis is aligned due West. At dusk, especially during equinox, the Still refracts sunlight, creating an optical spectacle. The multiplied, kaleidoscopic sunsets welcome those arriving to the Still by boat, and entertain sunbathers and sunset-gazers at the Pier.