The main driver for the conditioned spaces was to keep the impact of the building to a minimum but to also embrace the natural fracture that such an interjection has on the landscape. The landscape manipulation is built in a way to emphasize this while still providing a cohesive itinerary. The veils play off of the moments created within the landscape but most of its manipulation was guided by the prevailing winds in order to maximize exposure regardless of the winds directionality on a given day.

Energy Collection

Singular Wind/Solar Unit

In order to make the veil as energy productive as possible in all conditions, both solar and wind energy are being harvested within the same frame system.

The solar panels are mounted in a way that allows the panels to sway and vibrate as the wind passes over them. Piezoelectric crystals integrated into these hangers transform this kinetic movement into usable energy for the site.

Wind
7 Watts/Hr per Sq ft
21,153 Sq ft of wind Veil
148 Kw/Hr Total
24 Hour Wind Availability

Solar
14 Watts/Hr per Sq ft
21,153 Sq ft of solar Veil
236 Kw/Hr Total
5 Hours of Usable Sun Coverage

5,032 Kw per Day
6.5X the requirements of the site per year