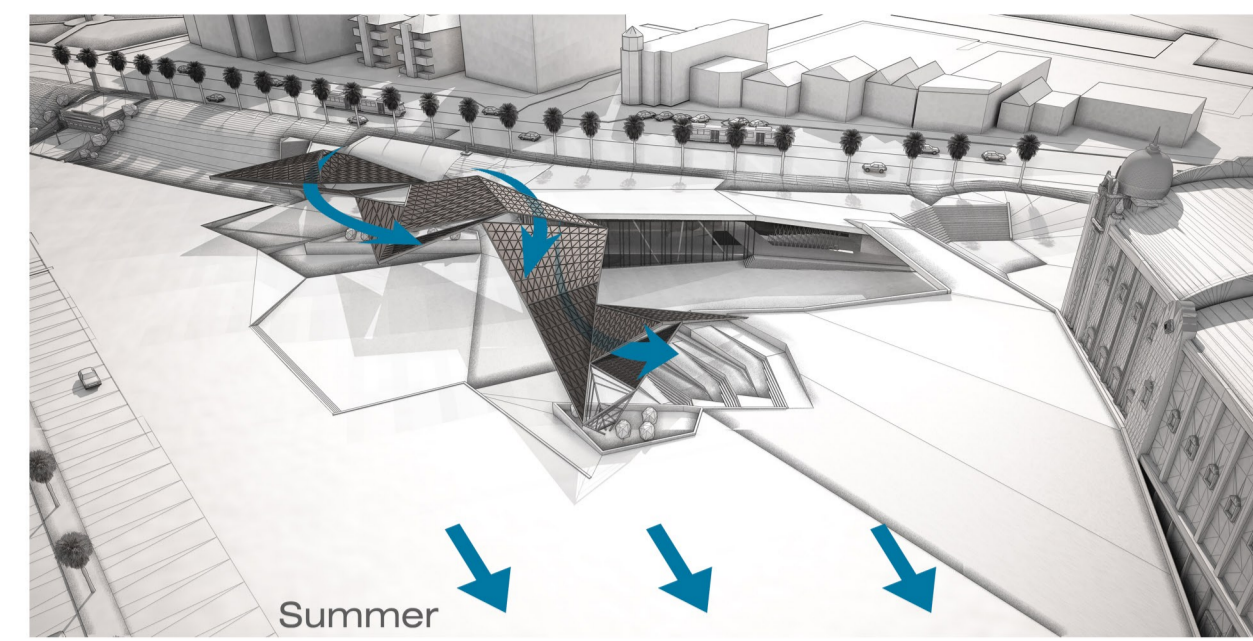


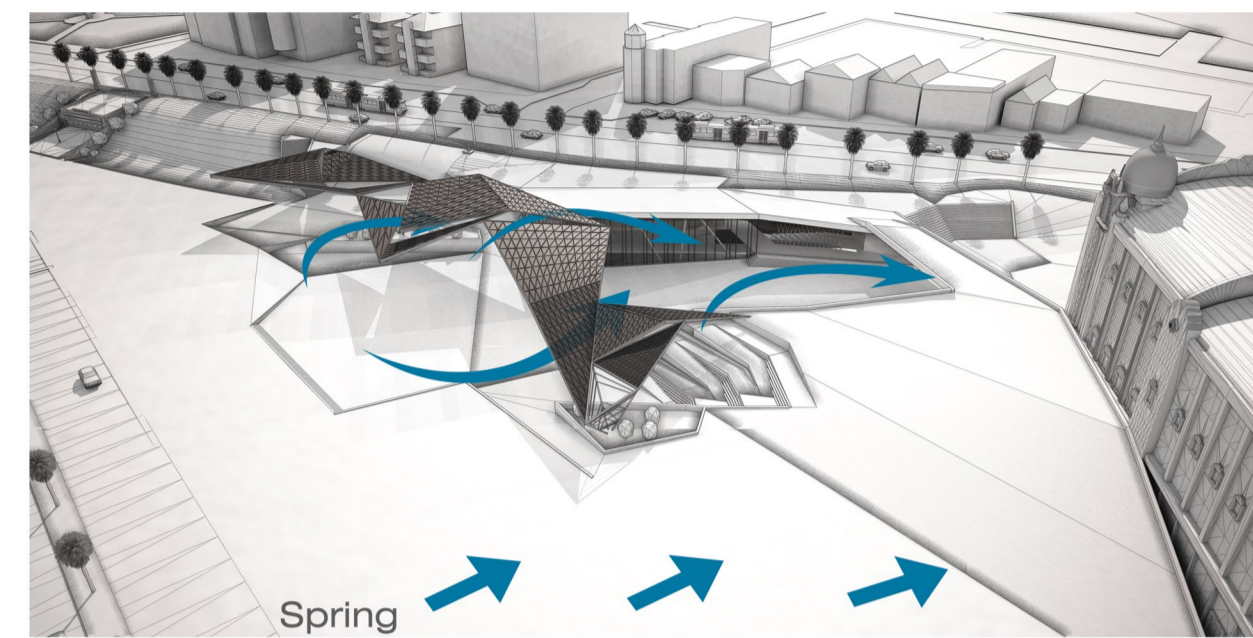


Context Mapping

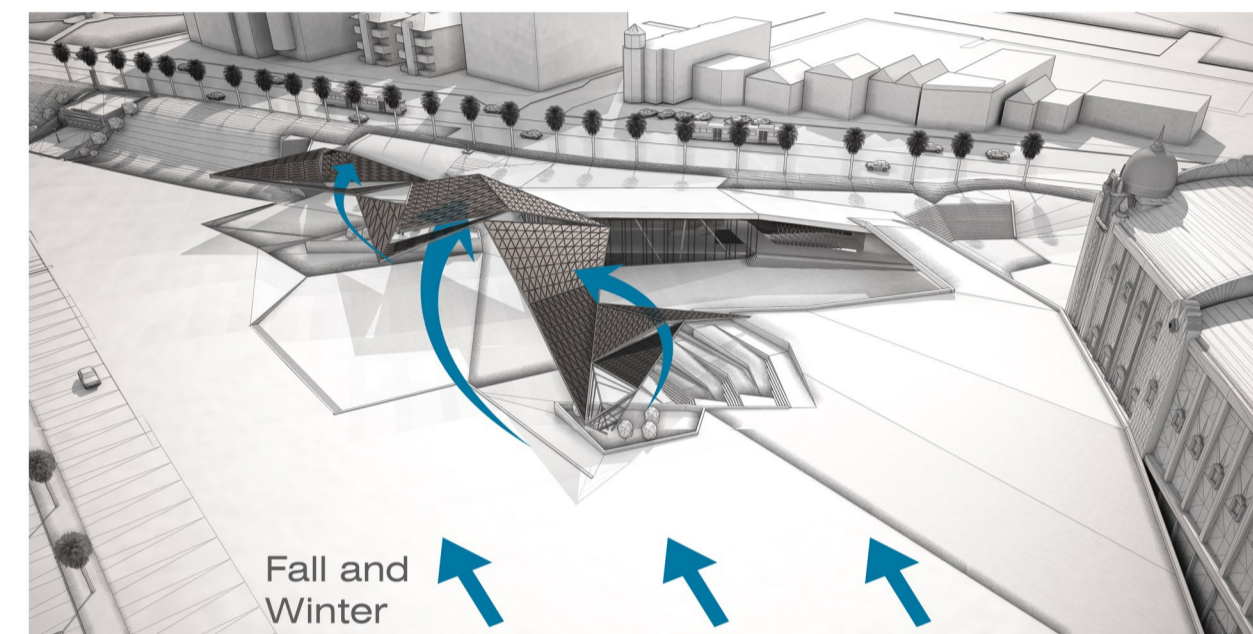
The main Driver for the conditioned spaces was to keep the impact of the building to a minimum but to also embrace the natural fracture that such an interjection has on the landscape. The landscape manipulation is built in a way to emphasize this while still providing a cohesive itinerary. The veils played 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.



Summer



Spring



Fall and Winter

Energy Collection

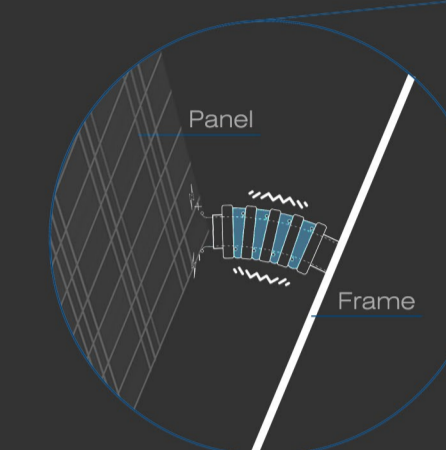
Singular Wind/Solar Unit

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

Lightweight Aluminum Framing

Semi-Transparent Photovoltaic Panels

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 useable energy for the site.

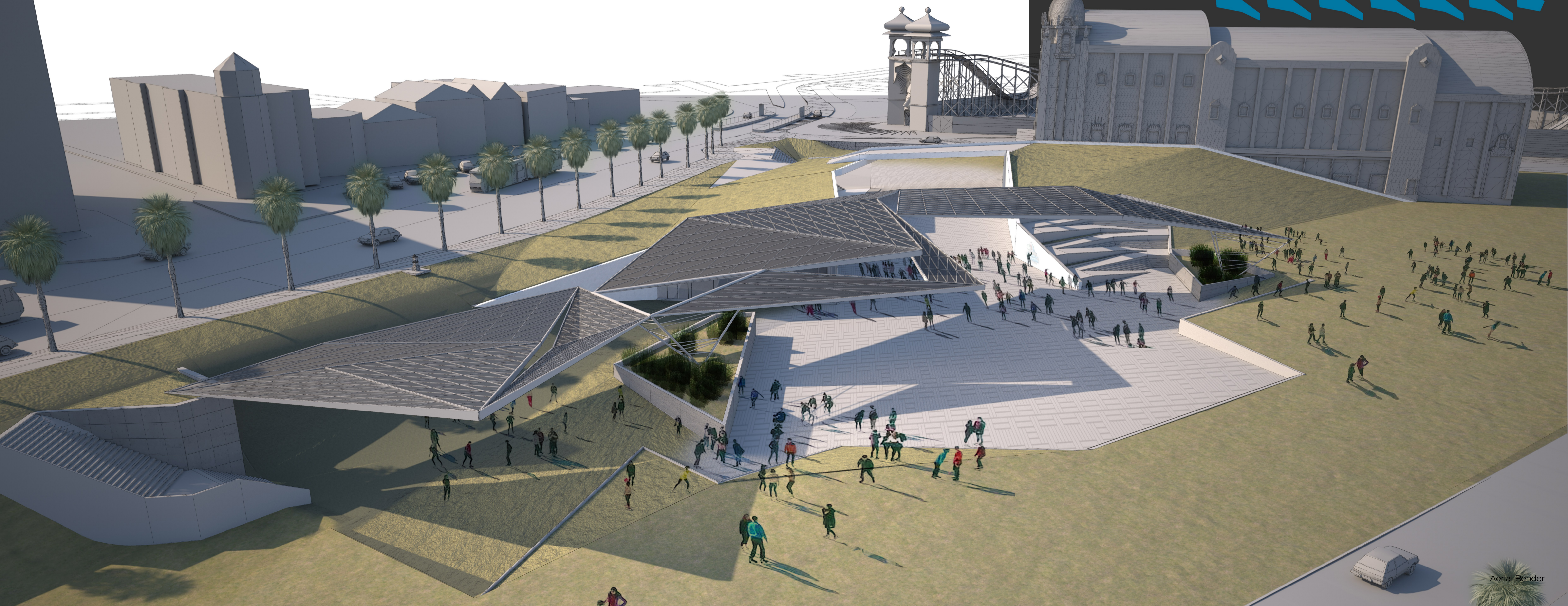


Wind
 7 Watts/Hr per Sq ft
 21,153 Sq ft of wind Veil
 148 Kw/Hr Total
 24 hour Wind Availability

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

5,032 Kw per Day

6.5X the requirements of the site per year



Aerial Render