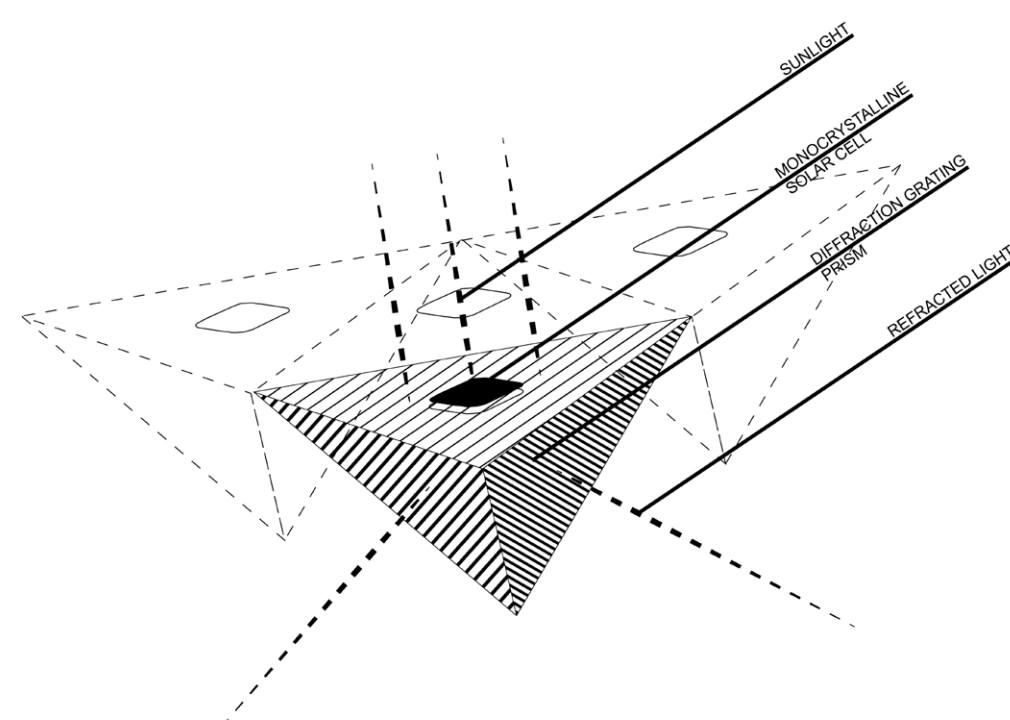




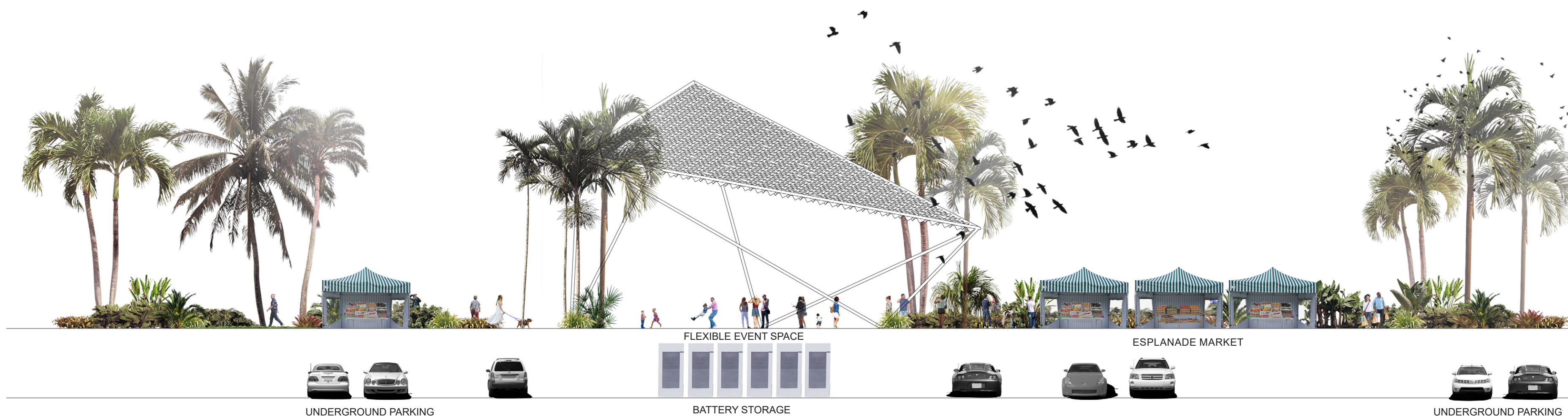
PERSPECTIVE - DAY ILLUMINATION

ST KILDA TRIANGLE

The St Kilda Triangle is a solar art pavilion that aims to use energy production in the urban environment in such a way that enriches the space it inhabits by becoming a part of the urban fabric rather than dominating it or being separated from it. The pavilion achieves this by focusing on smaller scale energy production rather than a single point of mass production. This means that the pavilion can become playful, almost transparent to the landscape surrounding it, and, combined with further urban installations can form a distributed network of mass energy production that is much more resistant to major losses of power. The pavilion uses the energy it produces to enrich the space it inhabits, we see this as a give and take relationship between the sunlight that is taken from the site and transformed into electrical energy and the energy that is given back to the site through other forms. The pavilion tries to balance this relationship so that both the landscape and the future energy needs of the city are taken into consideration and enriched by that process. Excess energy produced that is not required by the park is fed back into the electrical grid. Moving forward, urban energy production must be designed in harmony with the space it inhabits to enrich and empower the urban environment rather than dominate it for the sole utilitarian purpose of energy production.



SYSTEMS DIAGRAM



UNDERGROUND PARKING

BATTERY STORAGE

ESPLANADE MARKET

UNDERGROUND PARKING

SYSTEMS DIAGRAM