

**URBAN CONFLUENCE, SILICON VALLEY**  
**SAN JOSE LIGHT TOWER CORPORATION**  
Project Statement

## Design Objectives

### 1.1 An Iconic Destination

*Create an iconic destination that builds civic pride and welcomes diverse communities from throughout the world?*

- To reinforce Silicon Valley's own confluence of ideas and diversity, a series of pavilions have been created that rise from the ground and form a cover for pop up shops, food and beverage outlets and covered seating areas. These areas serve to entice locals, visitors and businesses to engage with each other in the exchange of ideas and cuisine from around the world.

### 1.2 The Culture of Innovation

*Celebrate the culture of innovation of the region?*

- Having progressed through the stone, bronze, and iron ages we have now arrived at the digital age. We seek to celebrate the future and to contrast it with our past through materiality in stone, bronze and iron.
- The structure is based on the repetition of one of the most dynamic architectural elements, the cantilever. This is duplicated along curving site paths to create covered areas which are directly relatable to the sites intersecting paths.

### 1.3 Energy Design Principles

*Invoke net-zero energy design principles in the design of the site?*

- We propose to utilize the East site for a large solar array installation that can power a significant portion of the energy requirements for the site.
- As the building will require power during the evenings and night a version of the Tesla mega pack would be proposed to store power for use when energy is not being actively created.
- The utilization of active cross ventilation systems and solar shading would also be used to reduce mechanical loads.

#### **1.4 Visual Presence**

*Establish a strong visual presence during the day, at night, and at a distance?*

- In establishing the visual presence of the icon, we have created two series of interconnected spires reaching towards the sky. With the icon located directly on the corner of Sant Clara and N. Autumn street, the structure will be visible from that main artery, along with views from Highway 85.
- During the day, the bronze and steel detailing catches the sun and at night the neon glow lends additional presence to the already identifiable form.

#### **1.5 Working with the environment**

*Demonstrate respect for the environment within the Los Gatos Creek/Guadalupe River area while using environmentally sensitive unique lighting?*

- The landscape of the site seeks to integrate a naturalistic style into the site which looks to use local vegetation and to maintain a minimal impact on the river itself.
- We believe a focus on lighting walls and low-level surfaces, as opposed to the sky is a better way to create an environment that is both comfortable for users and in alignment with environmental needs. The light levels are in line with what could be described as incandescence, similar in effect to what some jelly fish might display.

