

Project Statement: KINETIC BRIDGE - SAN JOSE THE LIGHT TOWER COMPETITION

INTENTIONS:

Create a renewed sense of place for “Arena Green” with a positive, timeless, and resource light footprint.

PROJECT GOALS:

- * Create Global Landmark status with Local, Native, Xeriscape Flora.
- * Provide Urban Escape for day or night relaxation, while in City Surrounds.
- * Design the viewing deck as a kinetic structure using the principles of Kirigami to advance the scientific nature of architecture.
- * Utilizes state-of-the-art engineering and low carbon footprint building materials no glass will be used for ADA compliant handrails; these will be entirely composed of stranded wire rope.
- * Inspire continuing community immersion and public education programs.
- * Attract global, private developers to invest within the remaining buildable portion for local economic stimulus.

ENERGY PROFILE:

- * Environmentally Sensitive and Liquid LED lighting system controlled via multi-level computer programed, and malleable custom software.
- * Programmed Evening Lighting Effects shall effectively illuminate all reflective strand supports of the stainless-steel bridge cable structure
- * Photovoltaic system to provide near net-zero energy consumption
- * Landscape drip irrigation system for xeriscape to run on recycled grey-water sourced water for negligible reduced water consumption