

Tension Spheres embrace the theme of innovation in the advancement of humanity through transformation of the Arena Green into a radical game changing addition to city life and the cityscape. Building upon the Light Tower heritage, The **Tension Spheres** manifest an astronomical response that will activate the Arena Green with a huge potential of different events while capturing breathtaking views of the surrounding cityscape. The design provides a catalyst for growth along the corridor, leverages connections to Diridon Station and 'synergetically' networks with the SAP Center arena. The project meets aspirations with innovative structural systems activating the Arena Green for more meaningful engagement of the community.

A net zero energy approach with clean energy generation and storage couples with the lightweight design of minimum energy surfaces tension structures for a real sustainable response. Amazing lighting for extraordinary illumination will not interfere with airport operations to not resemble a runway approach and with lighting suitable for riparian habitats. Form and materials have been selected to minimize glare. The configuration minimizes the impact to the Arena Green sensitive natural habitat and minimize threats to bird safety.

The **Tension Spheres** rely on lightweight tensile structure systems with cables and fabric optimizing the sustainable response by minimizing the amount of materials and construction impact to the site. The new structural system (this will be the first time it will be built anywhere) has been invented by creating radial forms for the West Side spheres and the five smaller East Side spheres that use internal radial struts or external struts with guy cables. The West Side and East Side structural systems give landmark form to the urban confluence.

Using eSports tournaments and events as a basis for programming and form generation, the **Tension Spheres** will graciously and energetically host a multitude of event types. eSports and the future of digital gaming resonates with San José as the epicenter of Silicon Valley and the revolution of the digital transformation.

The eight **Tension Spheres** consist of:

- 120' diameter **Sphere-Inx** = Ferris Wheel + Carousel
- 100' diameter main event space
- 80' diameter secondary event space
- (5) 60' diameter event spaces

The **Tension Spheres** give a real vision of a stronger identity for San José for all the world to be amazed by, a destination that will be full of life and a physical manifestation focal point of the incredible things that happen in San José and Silicon Valley.