

“The Hub” Project Statement:

Vision:

“The Hub” will be an iconic destination in Silicon Valley. Its goal is to build civic pride welcoming diverse communities from around the world. This center will be the connecting bridge between the cultural past and the innovation of the future this region has produced and will serve as a confluence center for the surrounding community and people around the world.

Design Highlights:

West site:

The 200’ height observatory towers will be the main architectural features. It will be the iconic landmark that can be seen from miles away either on the street or from the sky, night and day. It will house huge and hanging exhibits. All levels will be used as interactive learning, reading area, viewing deck, etc., and will be accessed through stairs and elevators.

The main base upper levels will be used as gallery museum, theater, visitor’s center and offices. Roof deck will be the outdoor gathering area, viewing and site seeing. The lower ground floor will be parking and visitor’s information and lobby. Additional parking can be at the basement level if needed.

Entrance plaza will be open to pedestrians from every direction and direct access to main entrance, ramps and lift to upper level. It will have connection to green spaces and proposed pedestrian plaza adjoining the existing bridge to confluence center. It features semi-covered amphitheater and preserved existing five skater’s sculpture and pool.

East site:

This part of “The Hub” is for family attractions. It is the most active area and an ideal addition next to the open space where big events and gatherings happen. This locates the snack bar, café, picnic area, outdoor seating, indoor amusements for family and outdoor sports plaza. Parking will be provided at semi-subterranean level.

Joining Features:

Connecting bridge and cable car are additional features to consolidate the two sites architecture and uses. These two features will use solar power and modern technology to reduce energy consumption as much as possible.

Considerations:

This project shall conform to the competition guidelines and all codes and standard by the city of San Jose. Lighting shall adhere to the environmental requirements.

Net Zero Building Design Feature:

- Solar energy, radiant cooling system, Green wall, direct current power grid, water cistern, Sewer heat exchange.
- Smart building energy design with real time energy monitoring system.
- Light emitting material specifically on the observatory tower.
- Natural ventilation and automated sun screens.