

silicon/orange

history/concept

This Iconic Project is a conceptual representation of the valley history built on layers of events of innovation, from the ecological runoff of the natural valley ecosystem, the fruit orchards exploitation based agriculture economy, and the silicon economical emergency.

The project is therefore built on an underground level of a pool (valley), that reach ground level when a orange tree forest is set on site creating a gathering space (fruit orchard), and above all a structure emerges, a silica glass structure that celebrates history, fulfillment, acceptance and cordiality as a world citizen landmark.

leaning/structure

The silicon landmark is projected to challenge the *biggest leaning structure of the world* with 68% from the vertical axis, 393feet length, and 200 feet tall. The foundation takes advantage of the water pool as a counterweight to support a steel spatial monumental structure echoing the Santa Clara Street and Electric Tower. An inclined arch icon that defies gravity, pointing out our capacity as human beings, "we did it, because we did not know it was impossible".

visibility/location

The project position is located in the *Arena Green East*, in the former location of the tennis courts, becoming a landmark from the Guadalupe Fwy and a separation buffer to embrace Guadalupe River.

The opposite location was considered inappropriate. A landmark with a height restriction of 200 feet, was considered unable to compete with the massive volume of the existing SAP Center, and forcing to relocate the park features (like children's playground) to the opposite site, close to the main highway.

On the other hand the leaning structure points south, creating a different perception when the visitor drives south or north towards San Francisco direction.

mix-use/program

The Landmark is thought to house different potential activities. A *public pool* and solarium in the northern part. A *multipurpose orange forest* that gathers cultural activities, including a ephemeral stage space, an open sky cinema projected using the glass surface of the inferior face of the leaning structure, an open air exercise space or a urban garden for the neighborhood.

In the interior of the leaning structure, public can enter and access to the *sky-observatory* from one side of the arch structure and exiting in the opposite one. A coffee shop is proposed in the nearby the observatory space. A bypass connecting the circulation for security reasons is projected.

smart/sustainable

The glass roof facade above the leaning structure presents a rhomboidal pattern inspired in the silica glass structure, to hide photovoltaic technology to provide energy for the lighting of the structure, heating the pool and pump the irrigation system of the orange tree forest.