

PROJECT STATEMENT

Synthesis of Duality

CONNECTION TO THE SITE

The intent behind the project was to design something inseparably inherent to the location, an essence of the city. It is meant to be built on only one single place in the world.

The city of San Jose might be described as a place where two powerful forces meet: Nature and Technology. It is a remarkably green city with countless lush parks surrounded by picturesque mountainous scenery. At the same time, it is crowned as an unofficial capital of Silicon Valley — the current world center of breakthrough progress.

The selected site is located at the confluence of Guadalupe River and Los Gatos Creek where they merge into one strong water flow which splits the city.

The concept uses its location as a main inspiration for a metaphorical embodiment of two merging forces.

DESIGN

The complex consists of three main parts:

- 1) West Tower – Symbol of Nature
- 2) East Tower – Symbol of Technology
- 3) Suspended pedestrian bridge – Link between them.

Both towers mainly serve as observation points where visitors can experience the site and the city from different perspectives from decks located at various heights.

The West Tower is covered with hundreds of planters and has more peaceful, meditative atmosphere.

Meanwhile, the East Tower is designed to offer more thrilling experience with its transparent observation decks.

From form-factor view the towers are designed as sturdy columns which function simultaneously as core structural elements and means of vertical communication. Inside the columns are protected staircases and small passenger elevators. The columns are intersected by slabs of observation decks. The structures are covered with umbrella like sheds which have both aesthetical and practical purposes.

The towers are connected by a bridge which is suspended at 39 ft. height and is extended through the riparian corridor. It hovers above Guadalupe river so that visitors may watch over the wildlife without disturbing it.

DIMENSIONS

Both towers are identical in dimensions to each other. At the base they have radius of roughly 40 ft. and at the top – around 72 ft. Their total height is 195 feet which does not exceed the maximum limit of 200 ft.

MATERIALS

Reinforced concrete, fire protected stainless steel frame, carbon removing coated steel, structural glass, photovoltaic film and glass.

NET ZERO

Towers are designed without need for artificial ventilation. All the artificial lights to be powered by photovoltaic film.