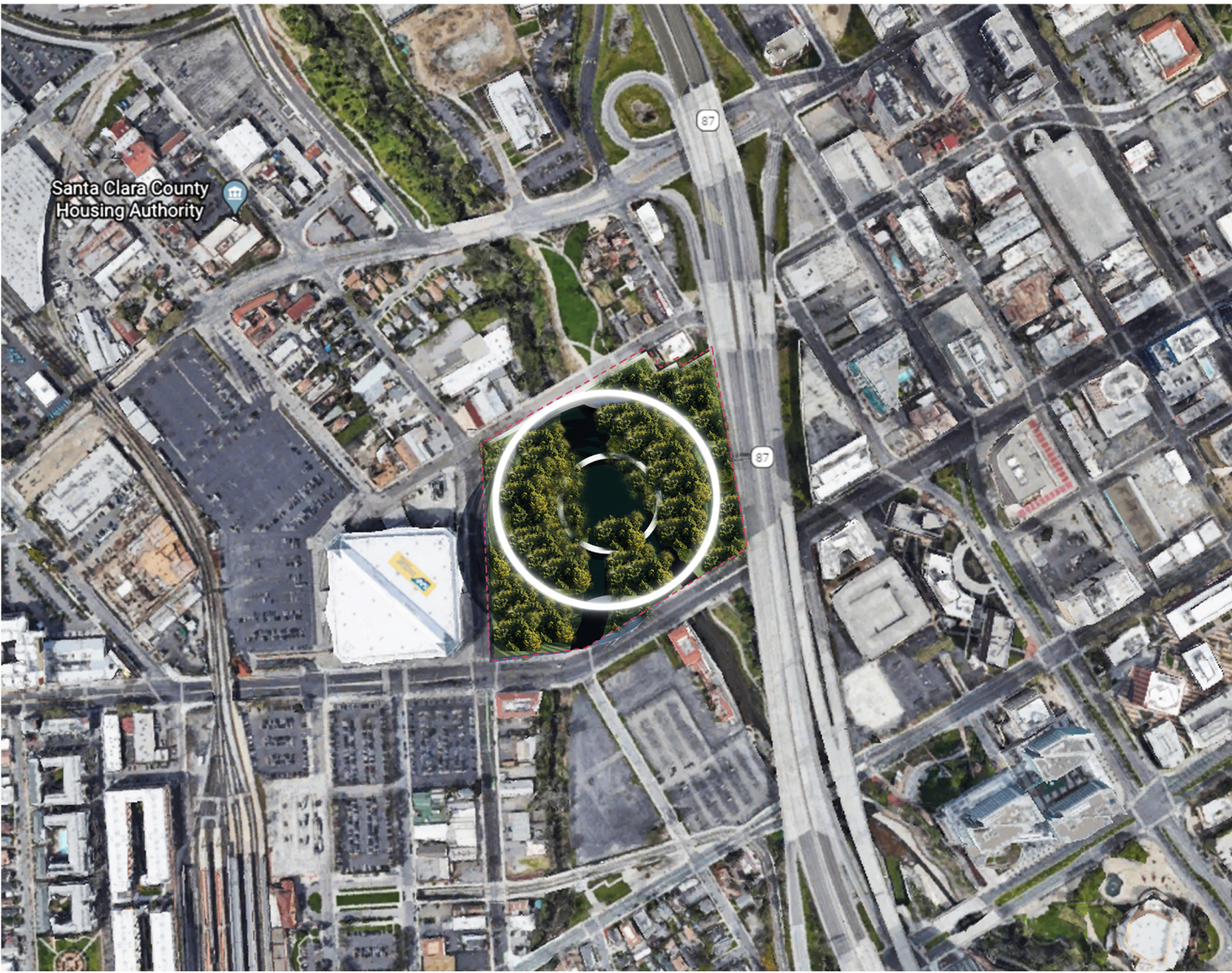


cloud .

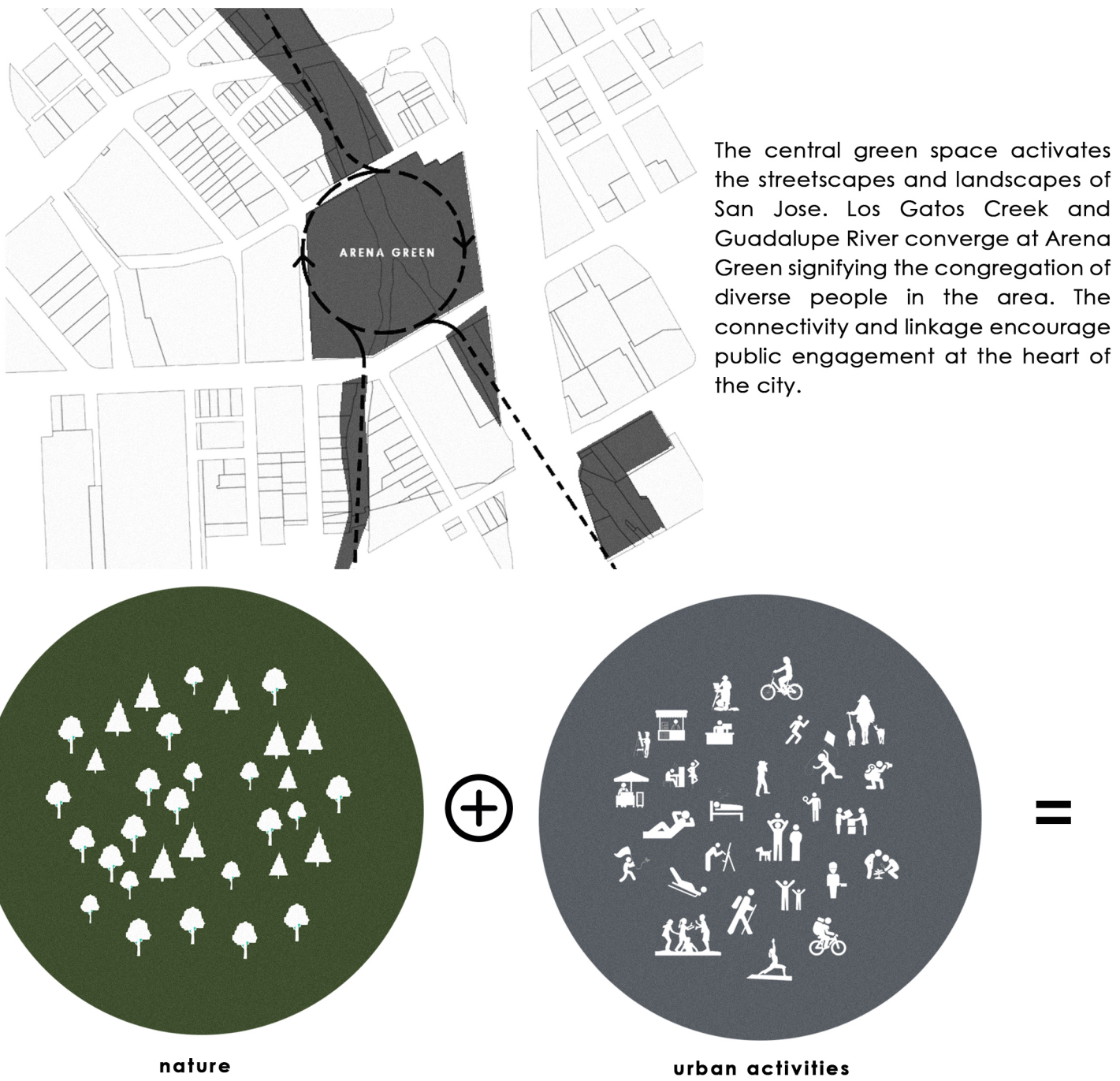


The concept of the design is derived from the idea of "Cloud",encouraging massive social network linking all the small networks through the delivery of different activities and events activated by this global iconic creation. To shape the urban realm of Silicon Valley, the design aims to transform the underutilized area into a vibrant place identity. This public centrepiece enables ubiquitous and convenient accessibility from different corners of the city by serving as the main attraction in the midst of the city, rousing people and pulling them towards to climb and explore the new landmark. We reimagine, revitalize and reinvent the public space to encourage social activities and create a sense of space to enhance the urban experience.

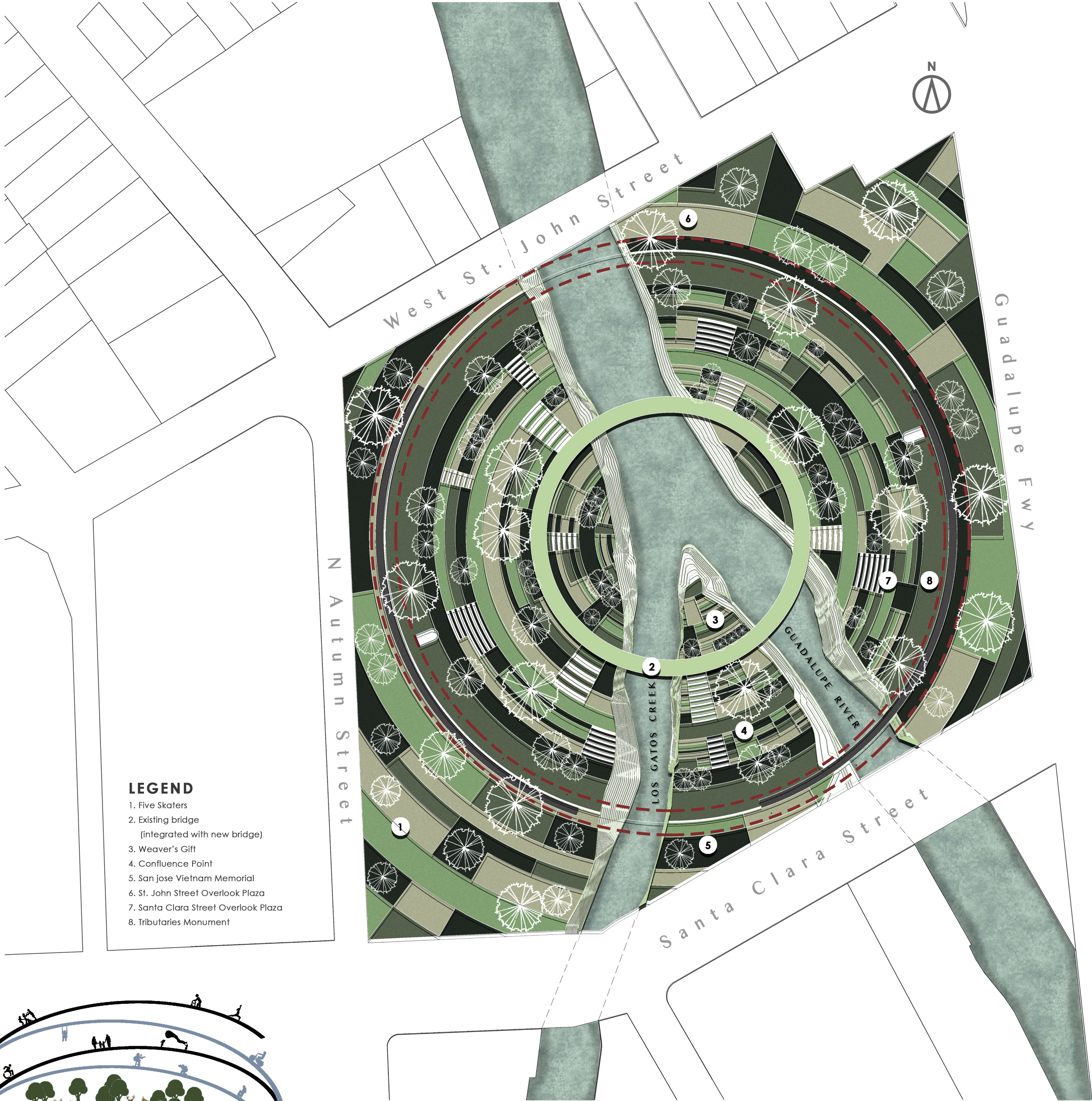
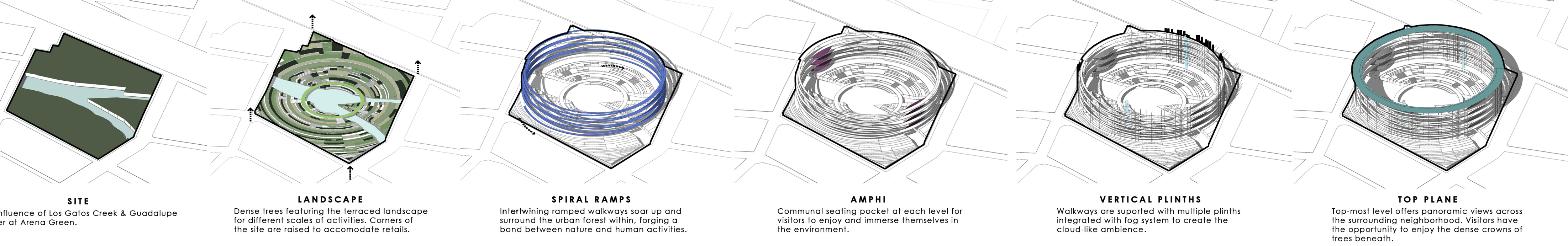
SITE PLAN



CONCEPTUAL DIAGRAMS

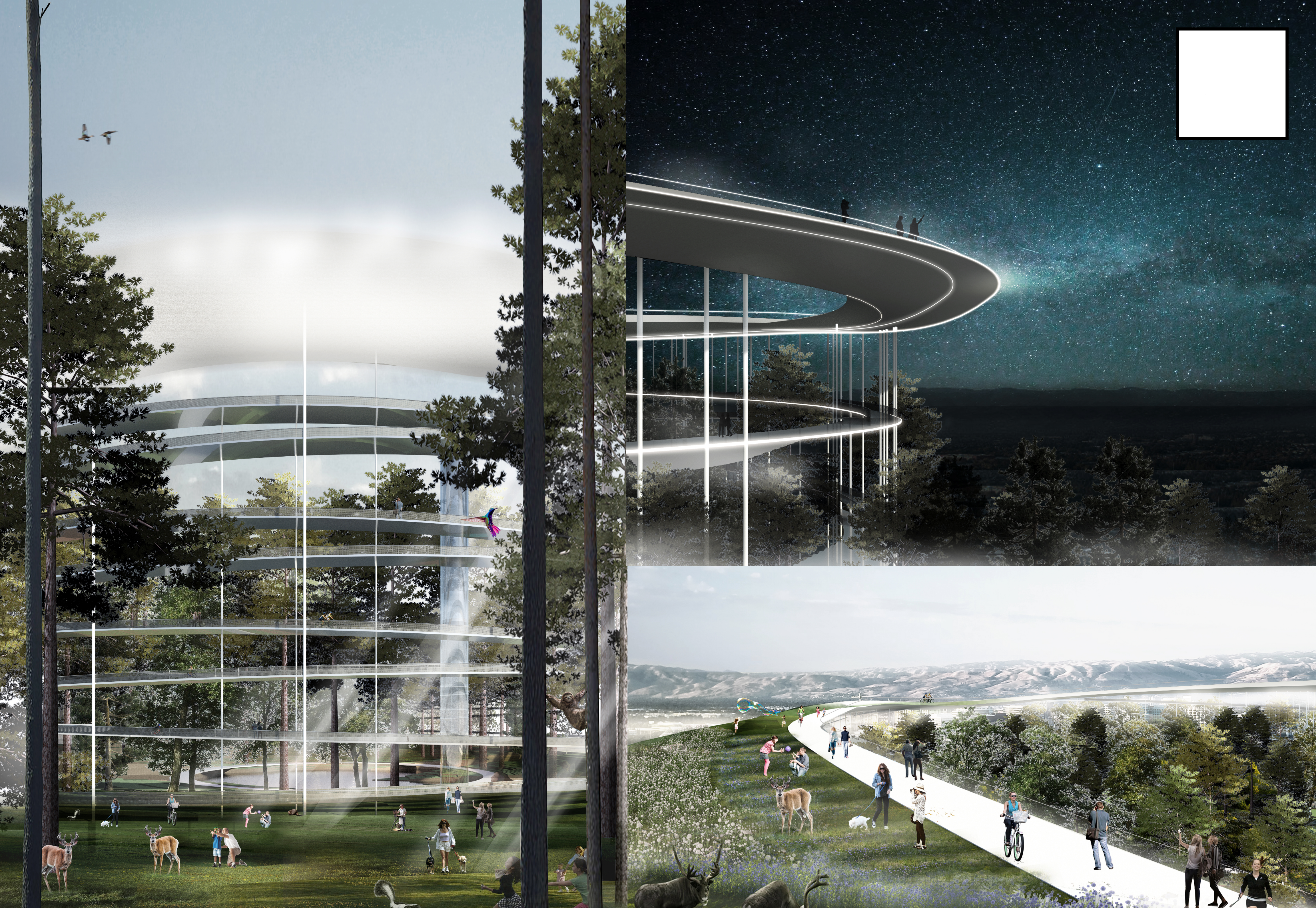


DESIGN EVOLUTION



Two spiral decks emerge from the opposite points of the site and swirl into each other, representing the confluence of Guadalupe River and Los Gatos Creek. Two spiral ramps distinguish themselves by white and gray colors intertwined and meet at two points to form a communal seating area revealing views across the central forest. Multiple plinths position themselves from taking cues from the circulated ramps to elevate the signature landmark. Upon entering the site, visitors would raise their eyes skyward enjoying the spectacular soaring structure. Rising to a 56m tall of observation platform and walkway, we see anew the potential of a celebratory, active, walkable and sittable social spaces for people from different corners of the globe to gather, converse and interact.

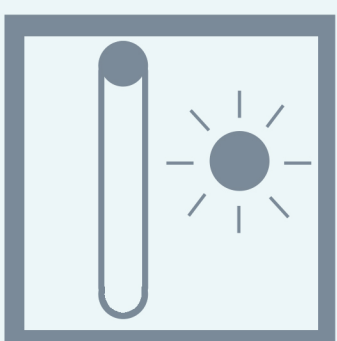




SUSTAINABLE APPROACH



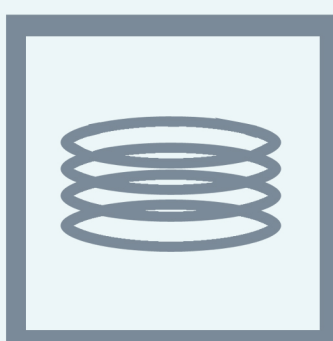
The fog system is solar-powered and the energy is harnessed through solar columns. Air is drawn in and the hygroscopic materials absorb the water vapour and create condensation. The collected water is used for fogging on a hot day and provide an alternative irrigation solution for the vegetation around.



The extensive length of solar columns optimizes solar exposure area to facilitate maximum solar energy absorption. The energy harnessed is used for lighting purposes at night and to cater for the operation of the fog system. The columns also house ducting services and provides structural support to the spiral ramps.



The roof garden at the top plane of the ramp serves as a rainwater catchment area and to reduce carbon footprint. It offers a scenic view of the urban landscape and an extension of the public park. The rainwater harvested is stored at the tank within the services compartment level under the roof level. The compartment is covered in a lightweight recyclable ETFE membrane to reflect the dramatic lighting effect at night and to reduce structural weight.



The 2.68 km long ramp structure encircling an urban forest within and allow visitors to access to the top level. The journey to the rooftop is enlightened by the scenic view of the forest and elevate sensual experience of immersing in the dense tree canopy. The openness of the ramp facilitates cross ventilation and provide visual interactions with the nature. The levels of humidity, wind velocity and temperature will let the visitors to have different sensation throughout the journey.



The forest park provides a natural habitat which attracts the local wildlife of San Jose and preserve a multitude species of native woods. Being the green lung of San Jose, it provides a refreshing recreational park for residents and industrial workers alike to enjoy a healthier lifestyle within this lush greenery. The existence of a green park in the heart of the Silicon Valley can reduce urban heat island effect and the reduce the environmental impact of industrial and commercial activities through air purification.

