

SAN JOSE WAVE CIRCLE

An iconic destination that builds civic pride.

The "San Jose Wave circle" is a world-class architectural iconic landmark, integrating and enhancing the nature of the Arena Green. Formally the building is made up of four columns located closest at the edge of the park, inclined towards the interior, which supports a circular shape whose center coincides with the center of the park, and whose proportions and dimensions it surrounds the entire Arena Green. This circular shape houses a terrace with cafes, restaurants, bars, as a strategy to activate the place. Being a tourist destination to observe from the city, as well as to provide views of the surrounding cityscape from the project site.

Celebrate the culture of innovation of the region.

Silicon Valley is known worldwide for being the cradle of the electronic industry and software development, and there is part of the concept of the building, since information and data are transmitted by electrical impulses, which are essentially electrical waves, which can be represented as an undulating line. Concerning to this transmission of information, the circle at the top of the structure has an undulating silhouette in allusion to a "wave", which additionally provides structural resistance to the building and makes possible its great distances between supports and proportions. Being the construction a tribute to the innovation and knowledge of Silicon Valley.

Net-zero energy design principles.

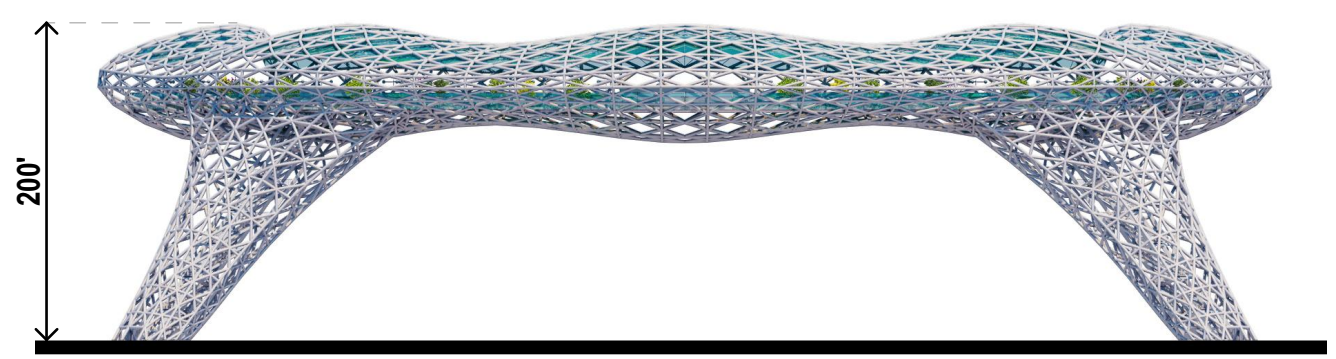
Both the roof, perimeter walls and the circular observation platform floor are made up of amorphous silicon photovoltaic technology glass panels, this being the source of electricity required for the operation of the building.

Strong visual presence day and night, and at a distance.

The particular undulating silhouette and the large proportions, make the building easy to recognize in the urban profile, added to the extraordinary illumination of the building, make it have a strong presence in the immediate environment, and in the distance, both during the day like at night.

Respect for the environment.

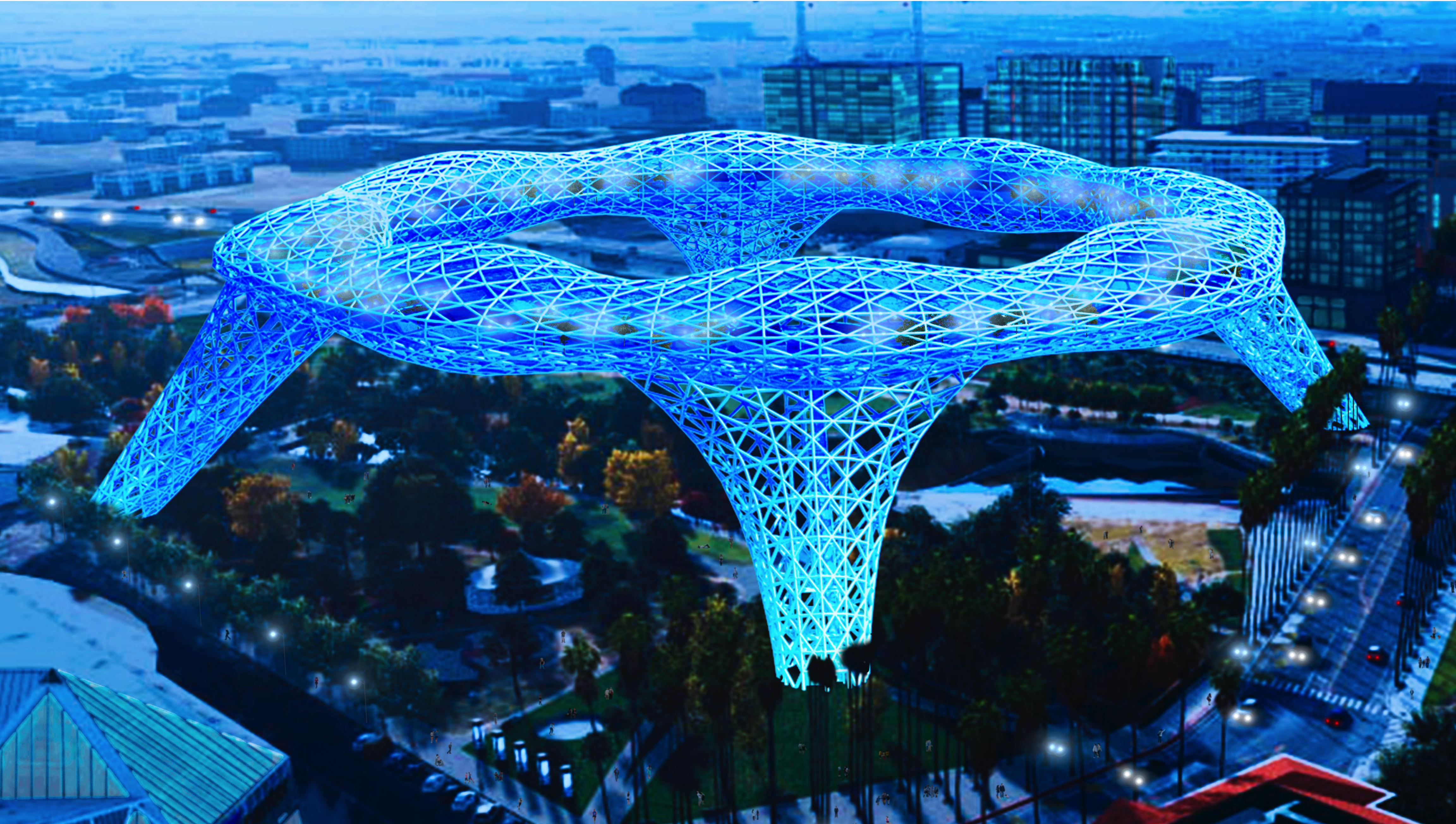
To preserve and to a lesser extent break with nature, it is considered for the lighting of the building, that it is adjustable in intensity (depending on the time, season, etc.) as well as being pulsating and intermittent; using mainly light from the shorter wavelength end of the spectrum - greens and blues - to get a less interference with the magnetic detection of the migration path; and interfere at least with wildlife.



North / South facade.



Interior terrace view. Level + 140'.



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