

OBSERVATION STRUCTURE

CONCEPT

Inspired on the competition's name (Urban Confluence), this structure represents the union of Guadalupe River and Los Gatos creek, in a vertical "plane", to be visualized and appreciated from a distance.

This contemporary element evokes a big sculpture emerging from the ground.

LOCATION

The location is in the middle of West Arena Green.

The emplacement is vertical, to not occupy much of the extension of green areas.

FUNCTIONALITY

It is an observation structure to contemplate the landscape, having different floors inside the building. Some levels have complementary functions such exhibition spaces, information desk, coffee shop, toilets and souvenirs shop.

AESTHETIC

The base is a cylinder that stretches in as it goes up; at certain height it bifurcates until the top. These two extremes are connected by a horizontal element: the observation platform that is completely open.

It's a solid construction but dynamic and organic due the curves.

LIGHTING

The use of Kinetic lighting illuminates gradually from the base to the top, giving the effect of the water running, like the river stream. Each extreme on the top will be emphasized by different color lights.

NET ZERO STRATEGIES

The structure requires power energy for internal circulation, artificial lighting during the day and night lighting.

-The power energy can be generated on-site by the implementation of PV solar system in an available area. This energy is for the structure and for all facilities and areas on the site where electricity is needed.

-The use of LED light with control and automation systems, to protect the ecosystem and to reduce the consumption of power energy.

- Take into account the climatic conditions to set solutions through orientation, daylight, use of shadow elements, natural ventilation.

- Off-site construction, as much as possible.
- Use of sustainable materials and energy efficient elevators.

ACTIVATION OF THE SITE

It is important to complement with additional facilities and services to improve the comfort of the public. The proposals are:

- Permanent restaurants and area for temporary food kiosks, when a festival or special celebration is held.
- Shadow areas with light roof.
- Remodeling of the existing bridge.
- Implementation of toilets.
- Increase pathways to encourage people to do sports.