

The main concept of the project emerges from the simulation of the most important features of the natural environment crossed by the historical U.S. Route 66, which was a global touristic destination in the 1930s. This route is chosen because it connects the eastern and western areas of The United States. This linkage is consistent with the spatial composition of the project site.

As the project site contains a part of the natural life, the proposal will simulate the most important features crossed by the historical U.S. Route 66. The proposal stems from the heart of the community starting from the confluence and ending to the depth of ancient American history.

The Main Components of the Project are:

1- The Symbol and The Main Landmark:

The main landmark is made up of 7 triangles with different scales, where the number 7 symbolizes the number of metalloids which are considered as the main supporter of technological development in the world and its stronghold in The Silicon Valley. The triangular shape symbolizes the historical lighting tower, one of the most important landmarks in San Jose. This proposed structure contributed to achieving the competition objectives by providing several treatments which can be summarized as follows:

- 1.1. **Changing lighting on the surfaces of triangles:** It is proposed to interact with global events that can occur on the site as well as during the air traffic.
- 1.2. **Water sprinklers on the sides of the triangles:** which are used to welcome residents and achieve thermal comfort.
- 1.3. **The proposed thickness of the triangles is from 12 to 18 feet:** it includes the structural skeleton, vertical circulation elements, escape exits, and all the technical services required.
- 1.4. **Transparent blocks linking the triangles:** These blocks simulate some wondrous and important environments surrounding the historical U.S. Route 66. Also, these blocks address the noise resulting from the nearby air traffic.
- 1.5. **Patterns on the surfaces of the triangles:** inspired by the forms of the Jack Mitchell Caves in the Mojave Desert.

2- The historical U.S. Route 66:

This route consists of 4 components:

- 2.1. **The confluence.**
- 2.2. **The ring road.**
- 2.3. **The winding path** inside the transparent blocks linking the main landmark, which takes the visitors through a trip to get to know the most important features of the historical U.S. Route 66.
- 2.4. **The Lakes** created on the east and west sides simulate the salt and soda lakes.