

## **“Heart of High Technology” monument.**

### **Image.**

This installation is light, airy and moving as if it is gliding above earth and blinking in the sun light.

### **The origins of the image.**

1. Silicon is excavated from the heart of the earth.
2. San Jose is the heart of high tech industry.
3. CPU is the heart of electronics
4. The energy of many people contributed to the creation of high tech.
5. Something big is composed of multiple smaller parts. Each person is part of something bigger.
6. The desire to record the names of high tech pioneers in history.

The mobility of the monument reflects the fact that the world is constantly changing and that the energy here and everywhere is moving nonstop. And the fact is that high tech industry like any other must change. The world changes technologies, the technologies change the world. The high tech industry is like one large organism with beating heart that consists of multiple people's hearts who contributed to this industry.

### **The description of the site, structures and materials.**

I chose the Eastern site since it's free of trees and therefore nothing obstructs the view of the new landmark. No need to clear cut the area. The Western site in my opinion is already well developed and I don't want to violate it. Also, it's covered in trees. The Eastern location is well observable from Guadalupe highway.

The installation is located in the northern part of the site. A decorative path leads to it. You can approach the installation from W Santa Clara St, W St John St or from the pedestrian path from the parking.

Structurally the installation is a steel carcass plated with metal. In the middle of the frame there are thin steel cables. Thin metal plates are attached to these cables. Each plate has an engraved name of one of the pioneers of the industry. The plates are attached in a way that allows them to move with the wind, and they reflect the sun light at different angles. This way the effect of constant dynamics is achieved. This is a kind of a kinetic sculpture. At night it is lit up by lights at the bottom of the structure. The power is generated by solar panels located at the top.

The number of plates can be different from my concept. This depends on the number of names displayed. Height of the monument should be 120

feet and the site is 82 by 7 feet.

### **Net-Zero strategy**

Electricity for lighting the monument is generated through the use of solar panels. Solar panels are installed on the upper plane of the monument. For the movement of the plates, electricity is not required, since they move from the wind.