

Mountain Valley Park

DESIGN PROBLEMS

- Plane Noise Pollution - *The Arena Green situated in an area of high Air Traffic and it is also near the San Jose International Airport. There is a very huge amount of noise pollution that makes people unable to hear whatever happening in the ground. This is one of the problems to the site so it has to be dealt with for the people to be comfortable in the Arena Green. And this may stop people from accessing the site.*
- Elements of Uniqueness - *There are certain unique features for this particular site that has been neither addressed properly nor maintained properly.*
- Community Participation - *There is a very minute contribution of the community to the site because it lacks amenities that attract them.*

SOLUTIONS TO THEM

- Sine Wave - Reflection, Absorption, and Diffusion *The sine wave is derived for the site extent and it is lofted as a green roof so that it can be green and provide amenities and also acts as a shield which reverberates the Airplane noise pollution*
- Placemaking- *The placemaking strategy provides you public spaces that govern and activate people's connections throughout the site.*
- Public Amenities - *There are no amenities that neither attract people nor help people earn. These amenities improve revenue for the park and also helps community engagement in the site.*
- Net-Zero Energy Principle - *There are solar shingles is used which doesn't get attention and produce energy that can be used. And also gain electricity through Pavegen kinetic energy concept.*

DESIGN CONCEPT

WILD – X – URBAN

- CAVE - THE AMENITIES

Cave brings us silene and peace and helps us get differentiated from the world, isolated having a good peaceful time. So, the cave is derived to provides us various amenities in this site.

- **WATERFALLS - WATER FEATURES**

Waterfalls provide white noise that is pleasant for humans and provide a positive vibration to the surroundings. So, the waterfalls from our wild nature are derived to provide us the manmade waterfalls which isolate us from unhealthy noises.

- **GEYSERS - THE FOUNTAINS**

The geysers are both good for spa and it is also a good place to watch and admire its beauty. So, it is derived to improve the status of the unused space to be admired with the beauty of the fountains on the very entry of the site.

- **MOUNTAINS - THE GREEN ROOF**

- **CLIFF - THE TOWER**