PROJECT STATEMENT

THE MONUMENT OF INNOVATION has an iconic image of "cloud/light bulb" that is composed of many "0"s and "1"s. As we all know, "0100..." is associated with computer and the image of "cloud" can stands for advanced "cloud computing" technology. The more popular consensus is that the image of "light bulb" represents "innovation". Therefore, this design perfectly conveys Silicon Valley's spirit of innovation in the field of computer technology through symbolic means. To create a unique monument that gives us great visual impact and artistic enjoyment, the "cloud/bulb" is designed to "float" in the air by visually concealing the support structure of the monument. The method for floating sense of sight is to use LED screen walls that enclose the support structure of the monument and show sky image for making the structure look like the sky background. As viewing the "cloud/bulb" of the monument from distance, it float in the air.

The landscape design of the scheme is also related to the design competition's theme. For celebrating the contributions of computer technology gurus, inventors and so on, their names and footprints are molded on the pavement of "walk of fame". This will inspire future generation to follow the pioneers' footprints for exploring new technology. The layout of a maze garden is similar to a integrated circuit board, which brings children's curiosity about computer technology while playing fun in the maze. Further modification or relocation for existing aspects of the site will be conducted in the further design.

For lighting design, LED lights are installed inside of the boxes of "0" and "1" components, and the lighting effect is controlled by the computer program that generates various patterned lighting modes. As design principle, the blue tone lighting demonstrates different patterned images of "sense of science and technology". In each lighting pattern the LED lights are partly and gradually turned on to produce a rich and dynamic lighting effect. The main source of light is blue tone, the lighting mode is dynamic, and the amount/brightness of lighting are controllable. All lighting features are designed to minimize the impact on the surrounding natural environment. More considerations include the screen panels that exclusively made for preventing birds strike.

For net-zero energy design, the following methods will be adopted: to use the energy-saving and low resolution LED screens, to implement smart image capture/display, to program lighting for saving energy.