

## Parallel Worlds

As the gateway of Silicon Valley and the confluence of two rivers, the worlds are intertwined. One world exists in our physical lives, with the lovely parks, busy traffics and upright buildings, while the other one is essential but invisible, created by our phones, computers or other technic devices where data flows. The Silicon Valley is the source and the global centre of technological innovation - the information and data of the world.

'Parallel Worlds' renders a meaningful landmark for San José and Silicon Valley, which provides a linkage for people between the physical and digital worlds and creates an iconic destination that builds civic pride.

The structure consists of two counterparts. The surrounding urban morphologies of San José is reflected at the edge of a magnificent ribbon, representing the real world. Meanwhile, it detects digital signals sent from surrounding electronic devices, transforming into a visible and dynamic sound waves on the giant sky screen. A projected and elevated platform is designed as a symbol of the strengthened Guadalupe River. Visitors can walk on the platform and be closer to the ribbon. Its elevated form not only provides lookouts to the City but creates opportunities to accommodate more activities as an amphitheatre and a performing stage.

In addition to being a landmark, the 'Parallel Worlds' is also an interactive art installation at a larger scale. The ribbon, composed of special designed cells, can detect and reflect data flow of the surrounding areas. The cell unit consists of screen and photovoltaic cell consuming solar energy and converting it to electrical power for the operation of the ribbon. During daytime, the capacity of flow from different directions and distances can trigger the rotation angle of corresponding cells, which forms a dynamic structure and changes the shadow projecting on ground. In the night time, the cells will be closed to act as a flat illuminated screen displaying motion graphics or as a projection screen.