

San José is the technology hub of the world and is the core processor of innovation in our world today. In this famous city, business and society are constantly being enhanced and iteratively improved upon by some of the greatest minds that the world has ever seen. The CPU represents the meritocracy of ideas that is a result of the diverse cultures that have coalesced here from all around the world.

The design plays on the idea of shrinking humans down to computer scale and imagining themselves flowing as data. Each visitor is like a “bit” that moves along the Circuit Bridge to become the inputs of CPU Plaza where they can exchange information and hopefully output a better society.

The “Command Shell” is a sea shell shaped support surrounding the bridge and is a physical manifestation of a computer’s “command shell”. It provides structural integrity for the bridge and plaza while serving as the User Interface for the bridge making the memorable artistic form that could be instantly recognizable as a “landmark.”

The Command Shell uses the triangle shape to match the confluence point, raising the shape to the sky for everyone to admire and enjoy. People from the community should feel drawn in by the welcoming design to exercise, or ride bicycles on the Circuit Bridge.

The CPU Plaza can be used as a community gathering spot for people to meet and relax to enjoy the beautiful city view. The different heights of the CPU’s golden columns or “Pins” can be fitted for a variety of functions. The shortest ones are seats, and slightly taller ones can be art display tables. The sheer scale of the continuous rows of pins will render a sense of awe making this landmark instantly recognizable.

This concept achieves net-zero and minimizes its luminescence and energy impact on the environment through a variety of technological means. Transparent photovoltaic (PV) glass will be applied to the surface of the Circuit Bridge. PV glass is used as a building material as well as for generating electricity. Lighting with kinetic sources & time managed controls project downwards onto walkways to prevent impact on migratory birds. Lights will also be positioned and dimmed as to not disrupt aquatic life in the river. In addition, throughout the property and especially ground level, bioluminescent algae lamps will provide minimum safety lighting along pathways in the blue spectrum.