

## THE POOL

Water is the “oil of the 21<sup>st</sup> century”. Being the key ingredient of our planet and considering the population growth, climate change, higher sea levels and flooding, water management needs to be urgently addressed. With that in mind, The Pool project rethinks water elevating a unique 9x Olympic swimming pool up to two hundred feet high. With transparent bottom over sufficient structural elements of wood and steel, The Pool would offer an extraordinary experience to visit for its views, programs and naturally swimming. A classless utopia in the midst of the highest income technology hub on earth, it will not only permit the community to meet and exercise, but also to learn at the Museum of water located within one of its horizontal structural elements. At the other side of this venue, facilities for the pool such as dressing rooms, restrooms, gyms, restaurants and cafés occupy two levels.

The four legs of the project are placed at the site areas where it is allowed forming two parallel bridges over the park, creek and river at Arena green. They contain vertical circulations, MEP ducts and full height lobbies with two panoramic elevators.

The top platform of the project offers a surreal view of a water world where ninety swimmers could train or compete at the same time, a long art installation integrating water and human energy. This kinetic energy would be transformed into electricity to make the project a net-zero energy building. Via oscillating water columns, the wave energy would be converted as air is forced in and out of the columns as the waves fall, creating turbines that convert this energy into the required power of the landmark.

Typically icons are structures purely based on their outstanding architecture and programs. The Pool proposes a new category of icon where water and art come together with human interaction. A landmark that you do not only visit once or twice in your life, but rather every week or even every day, where the community of Silicon Valley integrate with an international public visiting in awe, where knowledge and technological advancement can be discussed while resting from swimming laps, where brilliant minds can reflect over the sky and water on the new discoveries of science and technology.