

PROJECT STATEMENT

This project born as an outlet for everything related to the world of architecture, design and art today.

The proposed architecture/sculpture reflects on the concept of GENESIS and how history has evolved to reach this particular moment, going through all those phases that were necessary for the development of the reality we are experiencing now.

This project symbolizes change but without forgetting its roots. It represents technological progress but also those that make it possible: human beings.

We are the promoters of our future and the consequences of our actions depend only on us.

Architecture presents itself to the community immediately recalling one of the most iconic forms in the world: the DNA spiral.

And where could be born if not in the place that has become the engine of the world technological innovation and where is it still possible to dream?

The tower is the result of an in-depth study that combines architecture, engineering, genetics and biology, using the 3D printing technology, destined to become very soon the next revolution in both engineering and architectural field thanks of its infinite creative possibilities and for the low ecological impact it has on the planet.

The project is located in the south-west point of the park, to the right of the Five Skaters sculpture. The positioning doesn't affect the area more than necessary, as the assembly phase doesn't require any particular type of excavation or uprooting of trees, making the whole creation process more eco-sustainable.

Two rigid steel (or wood) structures rise by wrapping together to form a 186 feet high spiral, stiffened with a second structure that takes up the shape of the human gene, all characterized by an external "skin" made entirely of blocks printed with 3D technology. It would be the first building of this magnitude built using this technology in a higher percentage than usual techniques.

Furthermore, since the blocks are entirely molded, they're easy to maintain or replace it thanks to the use of the recycled plastic. Some of them may have small interstices inside which will host some of the bird species present in the area, becoming symbiotic with the environment.

During the night the spiral lights up, showing off the shape of DNA, becoming a unique and easily recognizable reference point even from a long distance.

The energy useful for illuminate the tower is obtained from a series of solar panels mounted above the skin, making it self-sufficient.

The strong formal presence will certain become a strong attraction that will activate not only the area but also the whole city.