

GENESI [The future is in the origin]

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 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**.

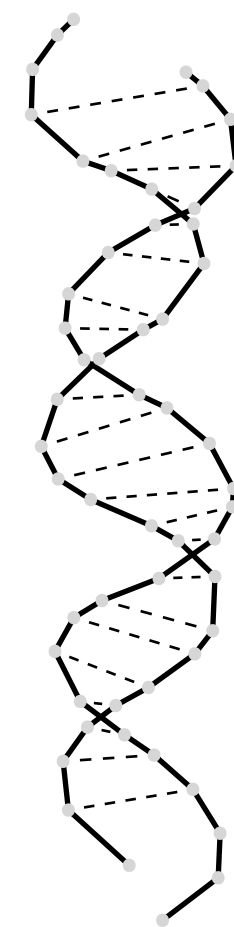
Two rigid steel (or wood) structures rise by wrapping together to form a 186 feet high spiral, stiffened with a second structure that takes up the shape of the human gene, all characterized by an external "skin" made entirely of blocks printed with 3D technology. It would be the **first building** of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

BIOLOGICAL INHERITANCE

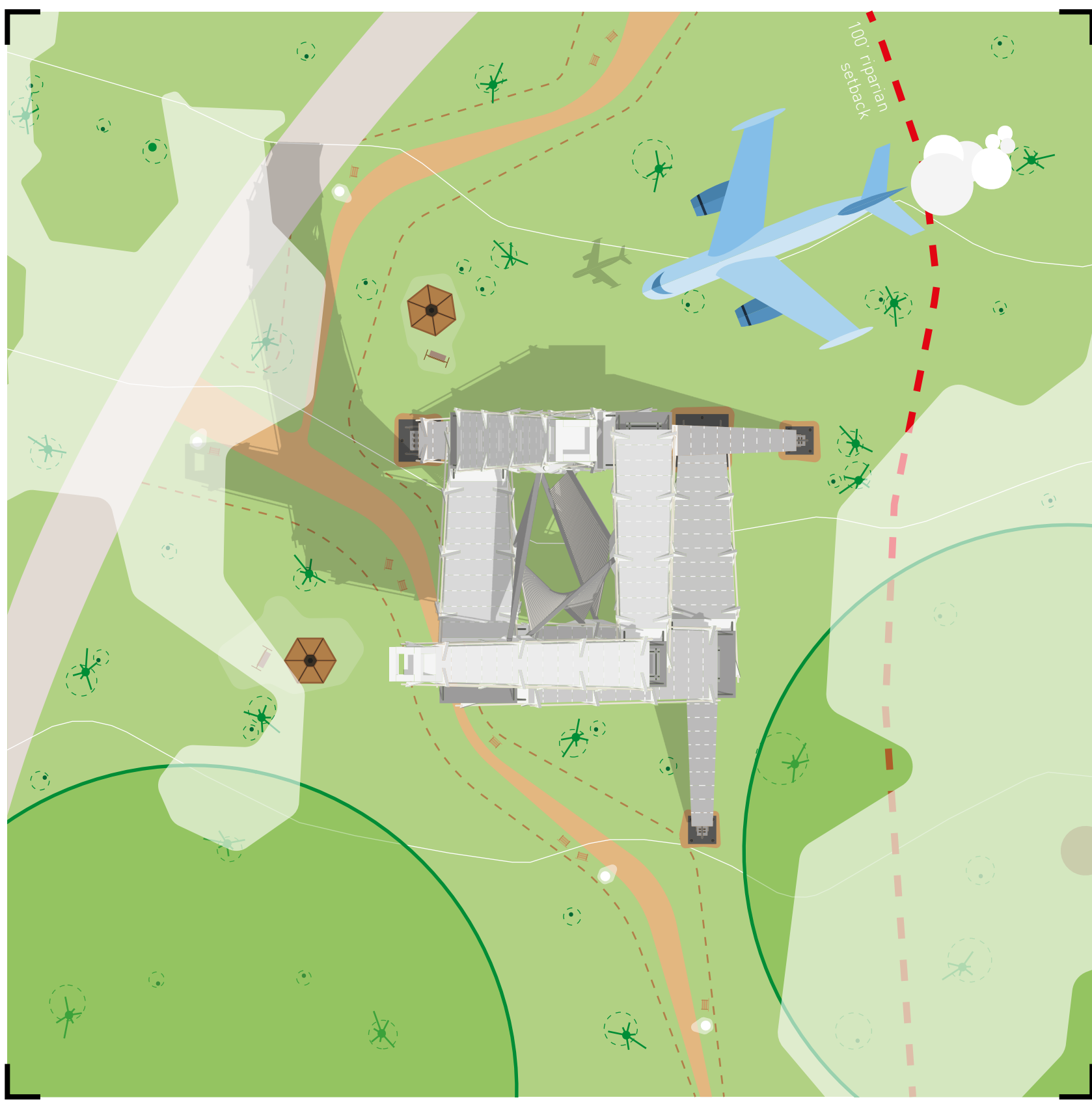
[The evolution of the typical architectural form always takes place with the discovery and use of new materials]



ARCHETYPAL FORM

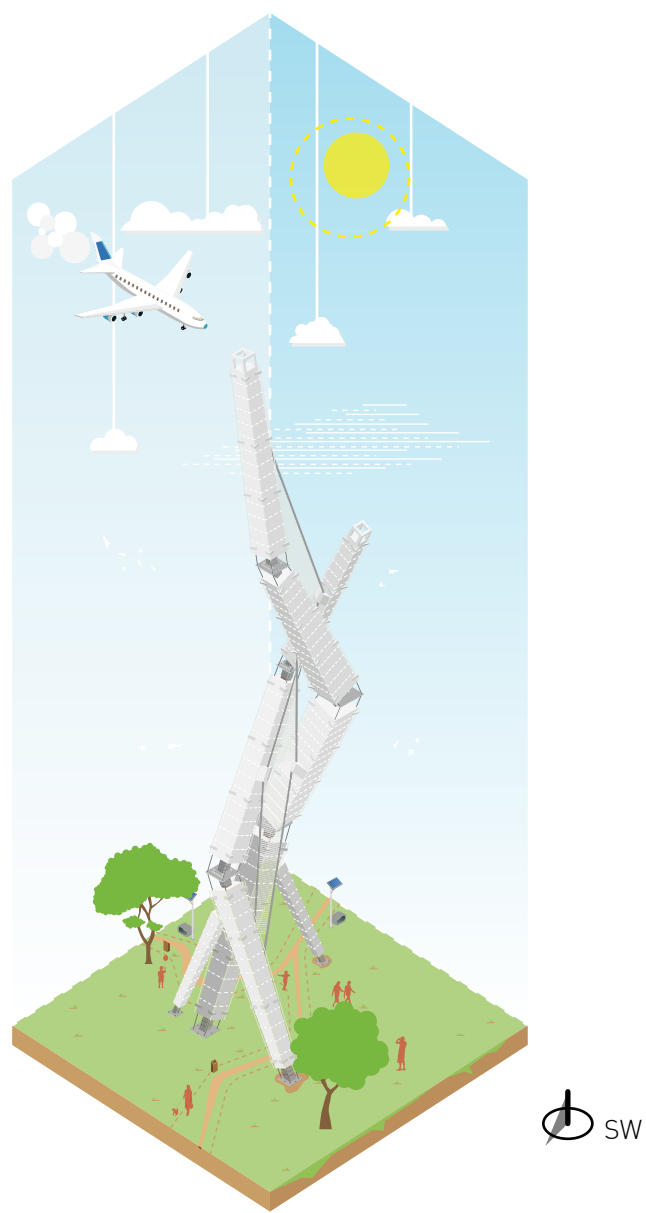
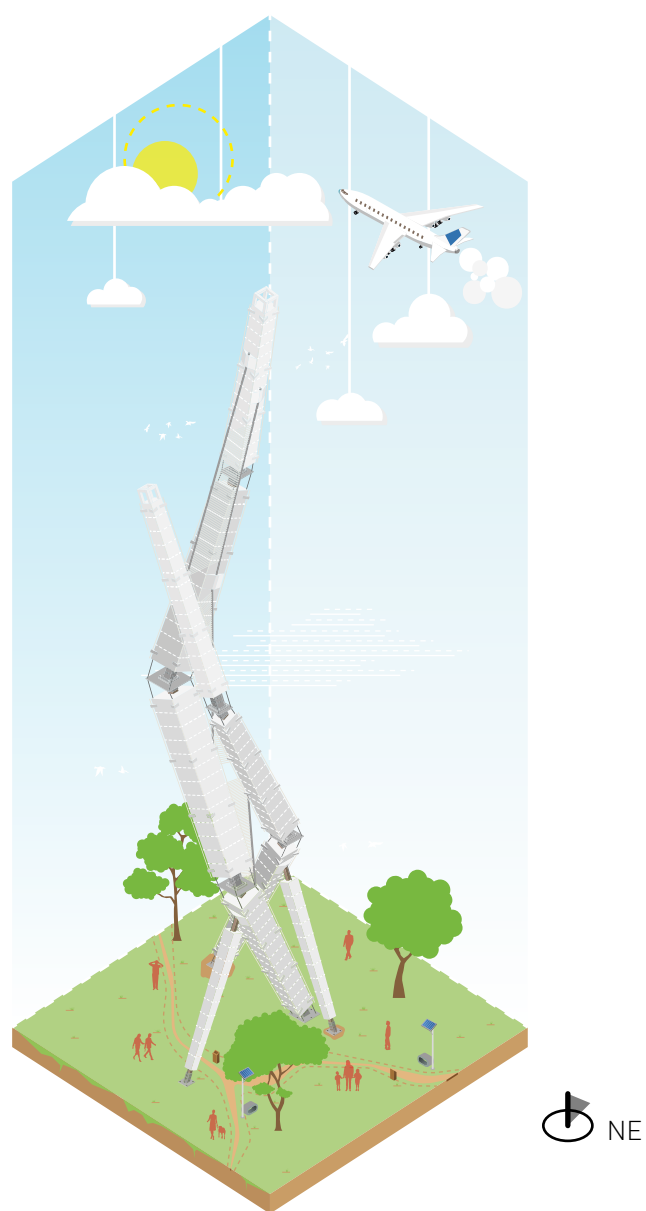


PLAN

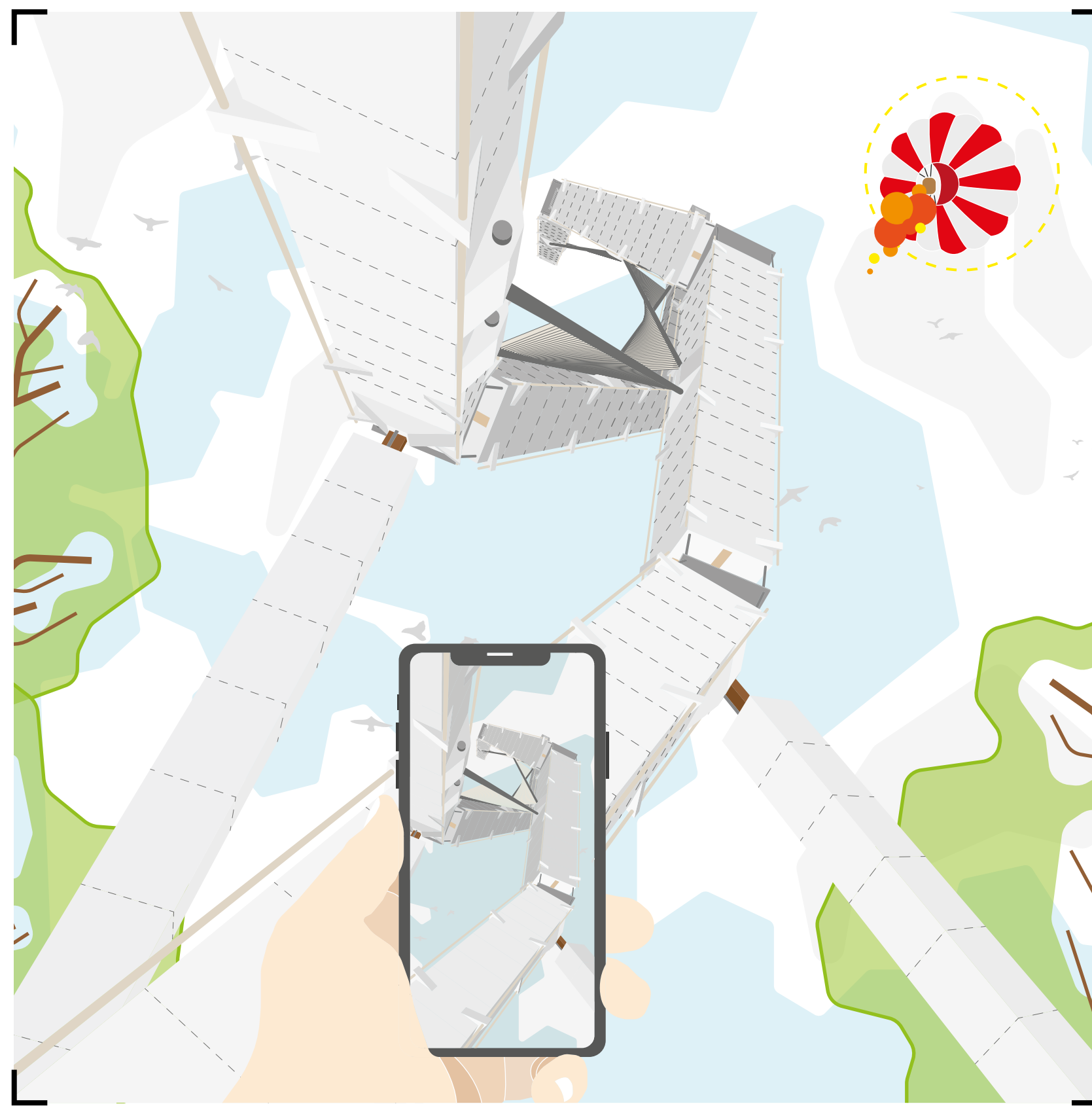


AXONOMETRIES

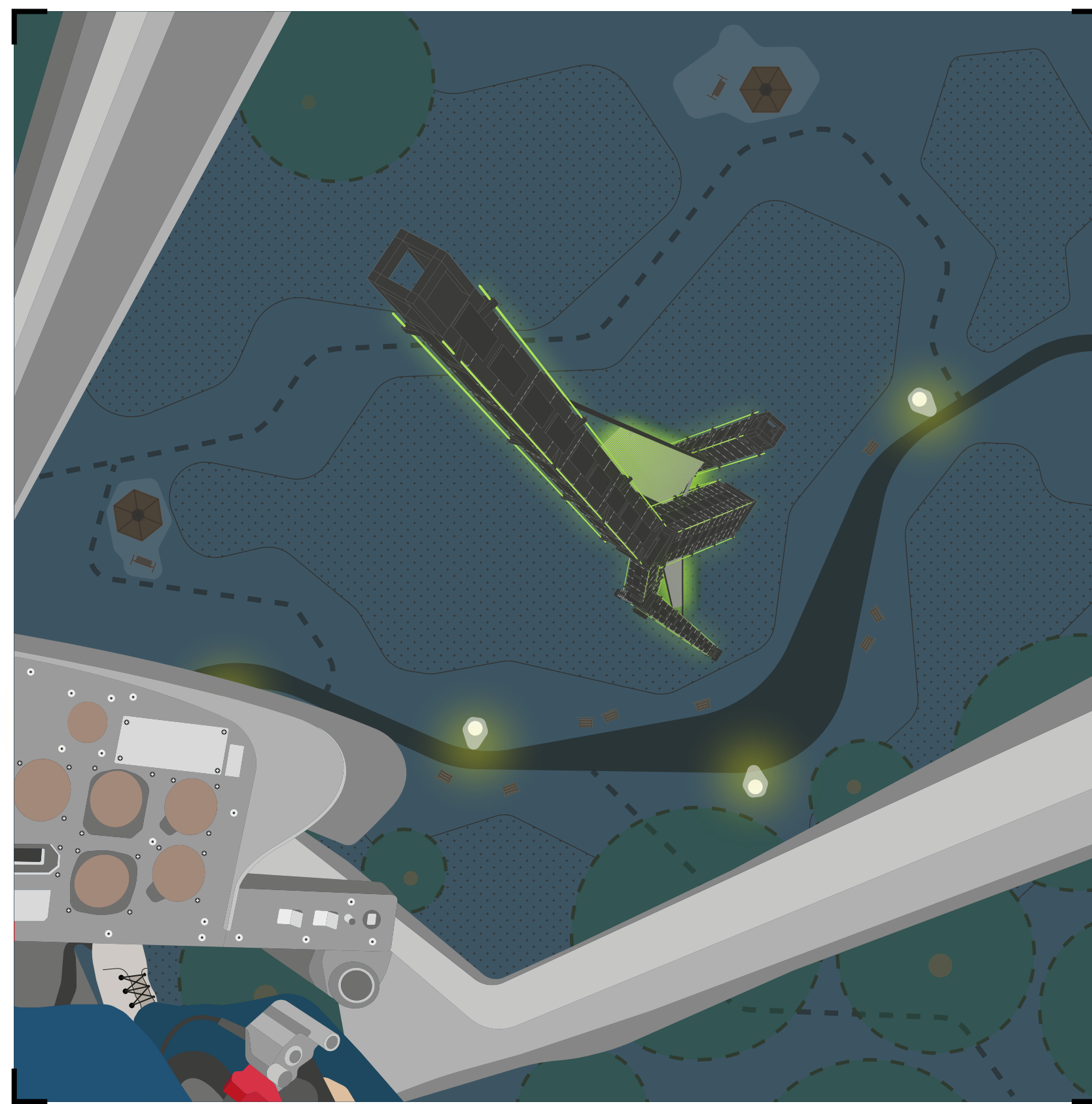
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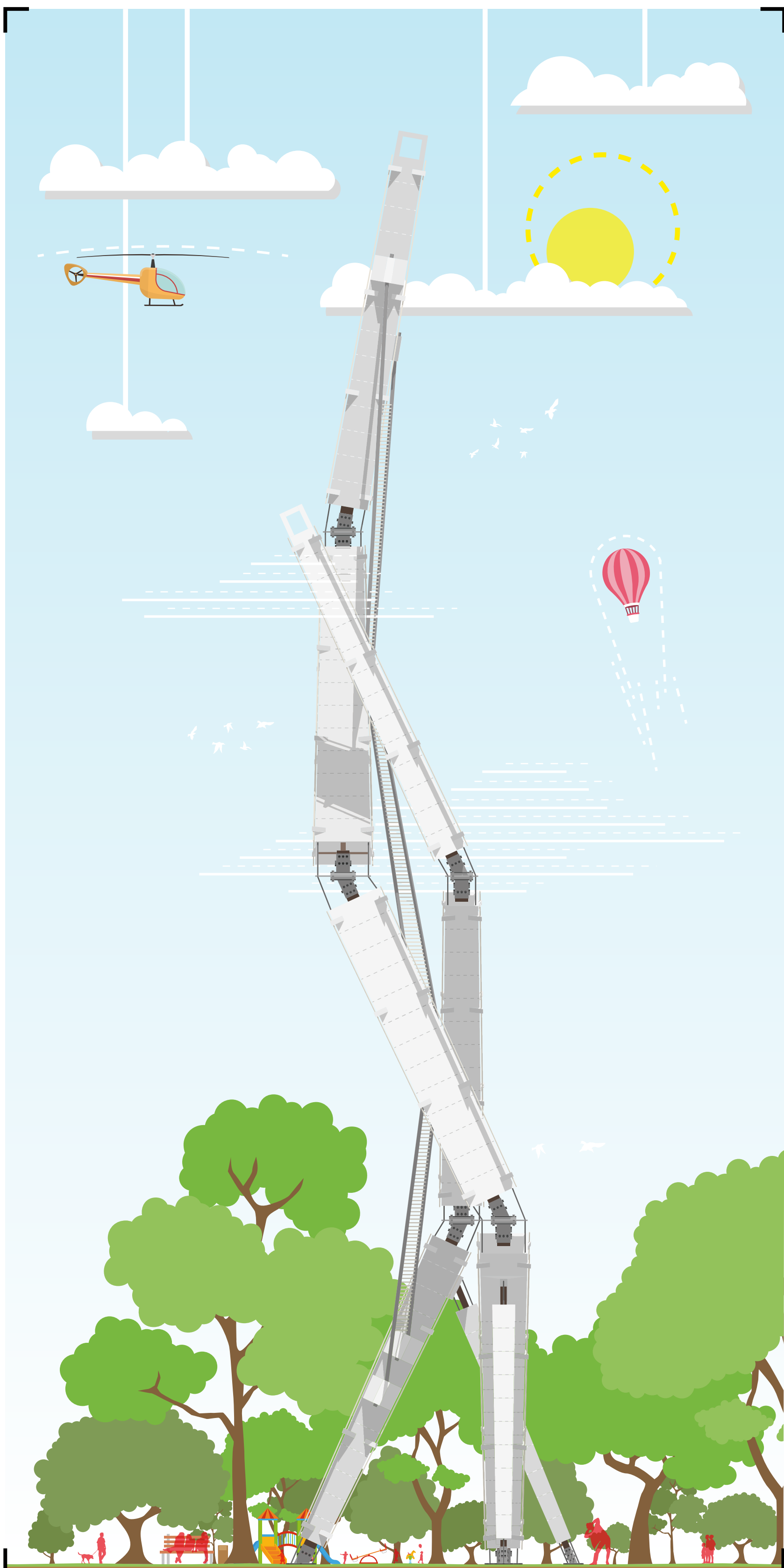
PERSPECTIVE VIEW_SUNNY DAY



PERSPECTIVE VIEW_NIGHT FLIGHT

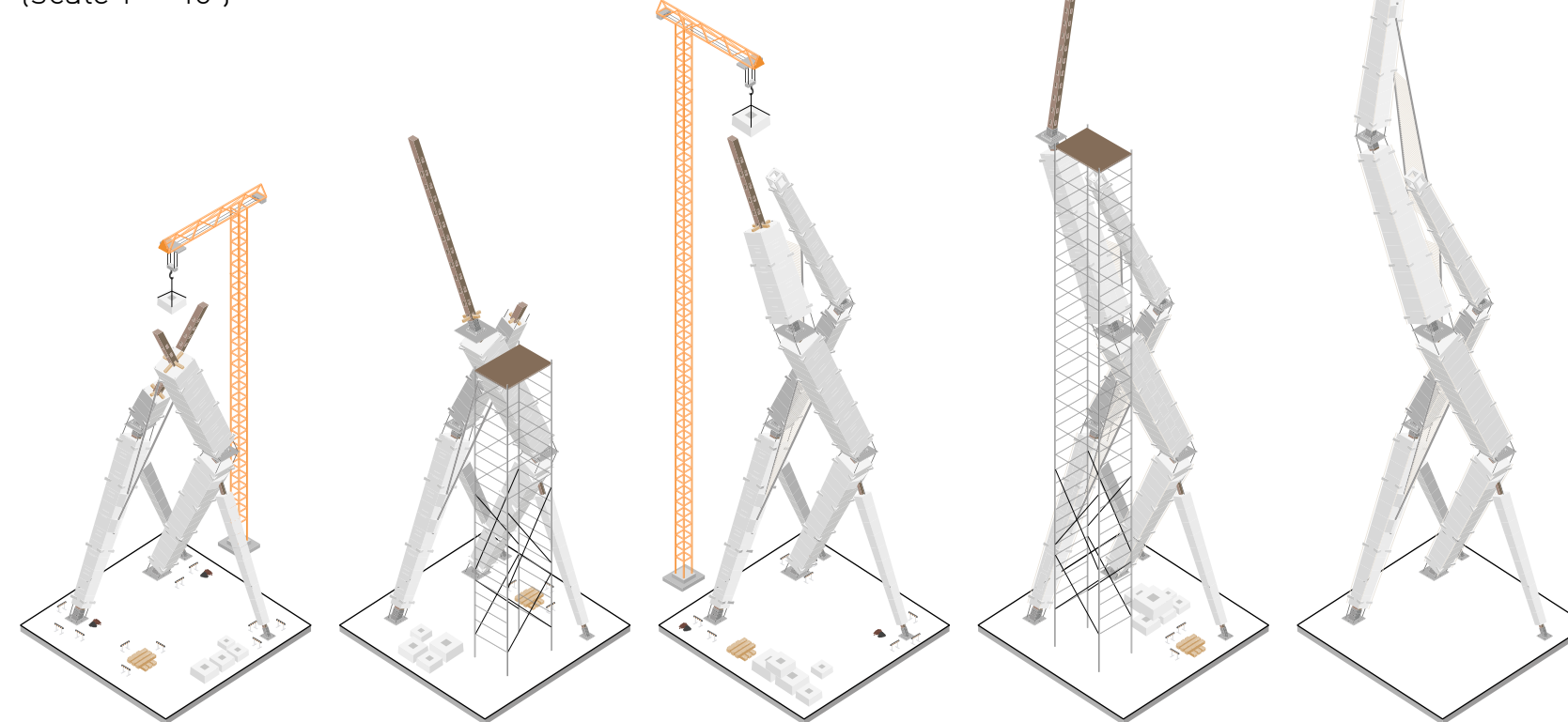


FRONTAL VIEW



CONSTRUCTION PHASES

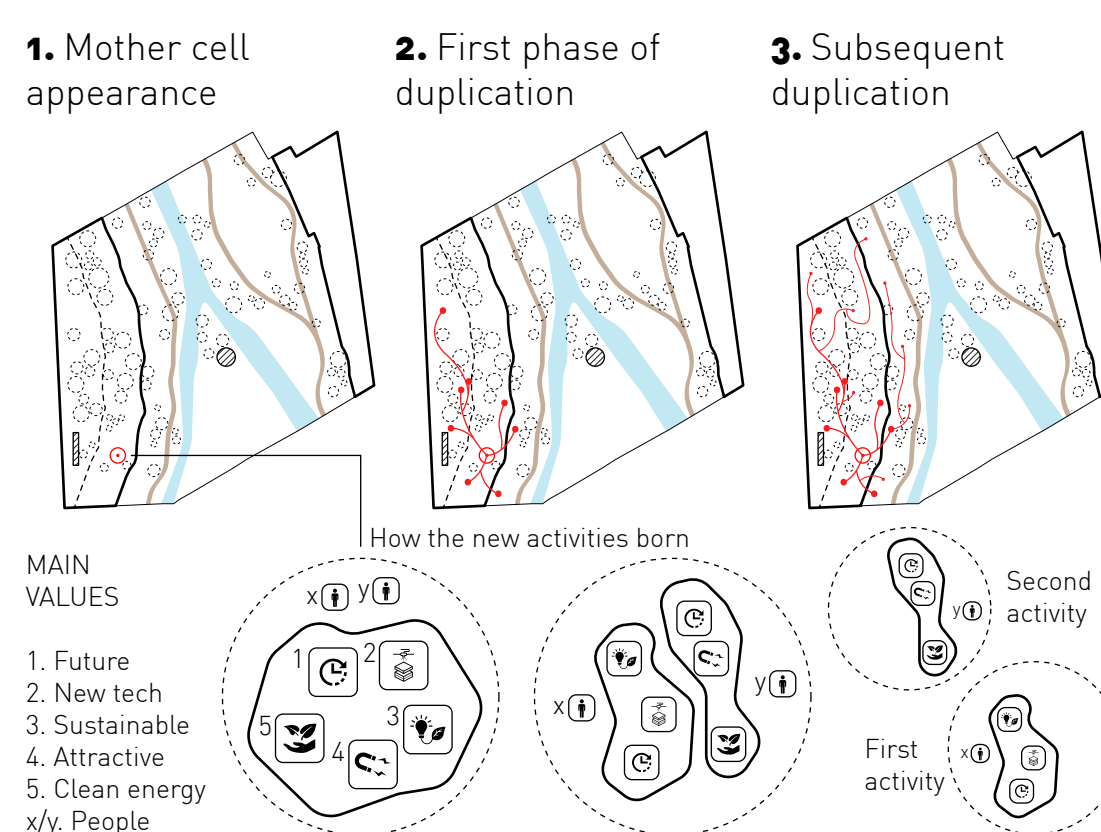
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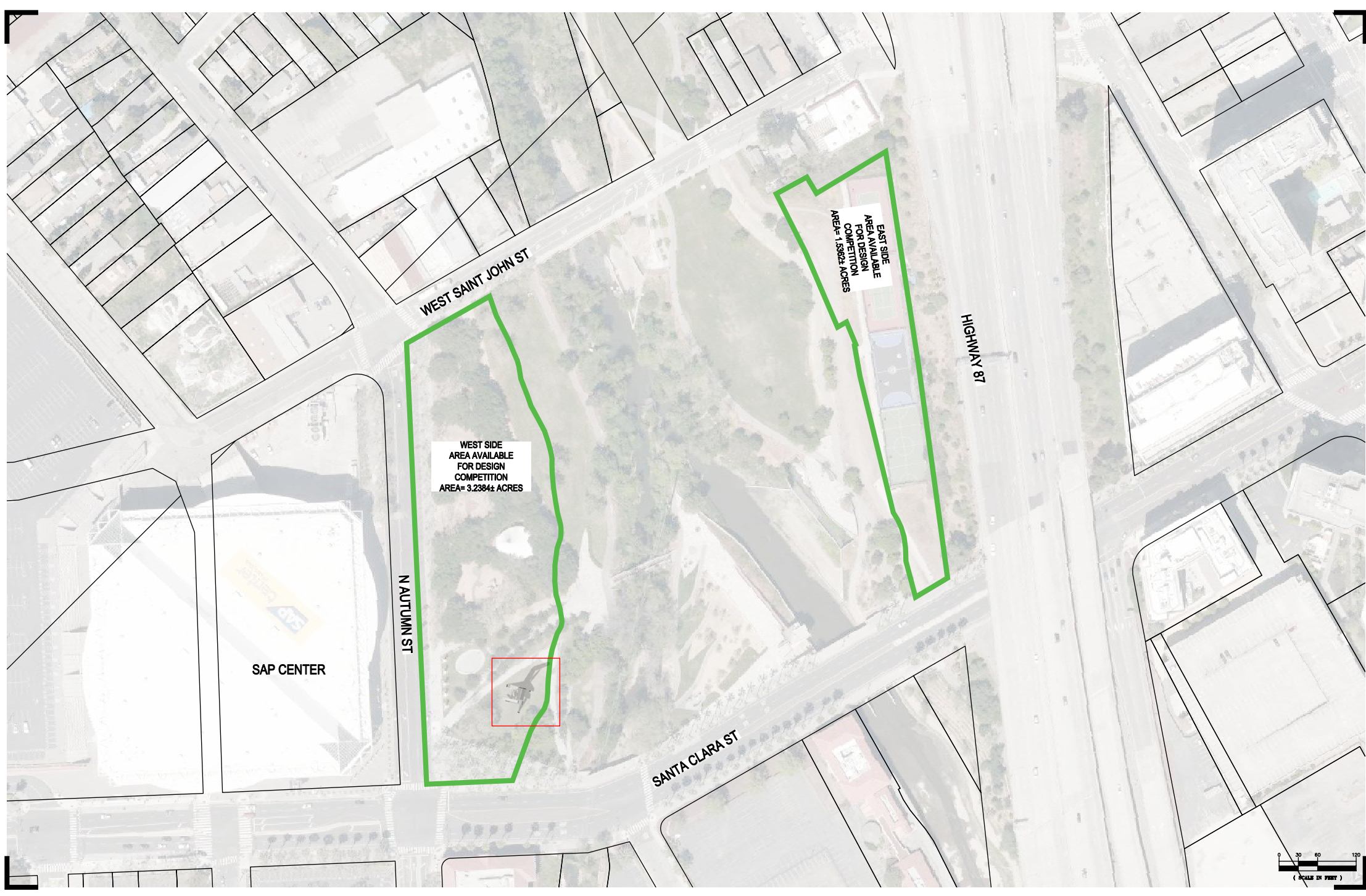


SITE ACTIVATION

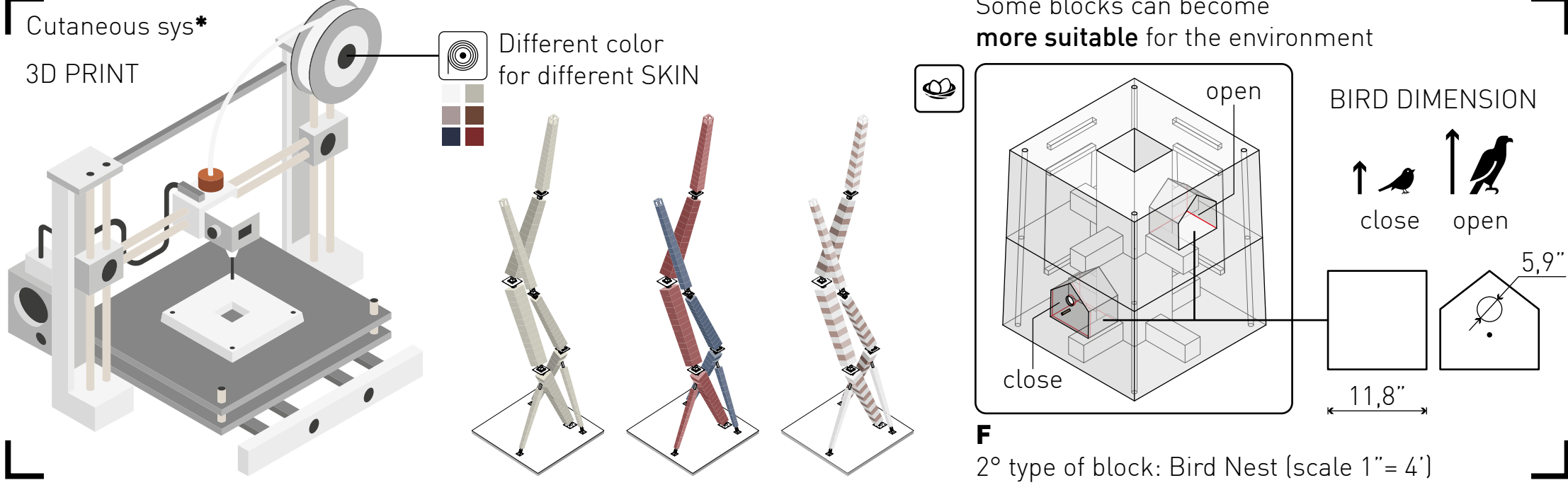
CELL CYCLE PROGRAM

The project, just like the original mother cell, will set in motion a series of events that will spontaneously lead to the reactivation of the site without a proper plan, allowing the architecture to function as a strong multiplier and natural attraction of the park, with the hope that the structure will transmit the same values of which it's the bearer to anyone who wants to undertake an activity near the landmark

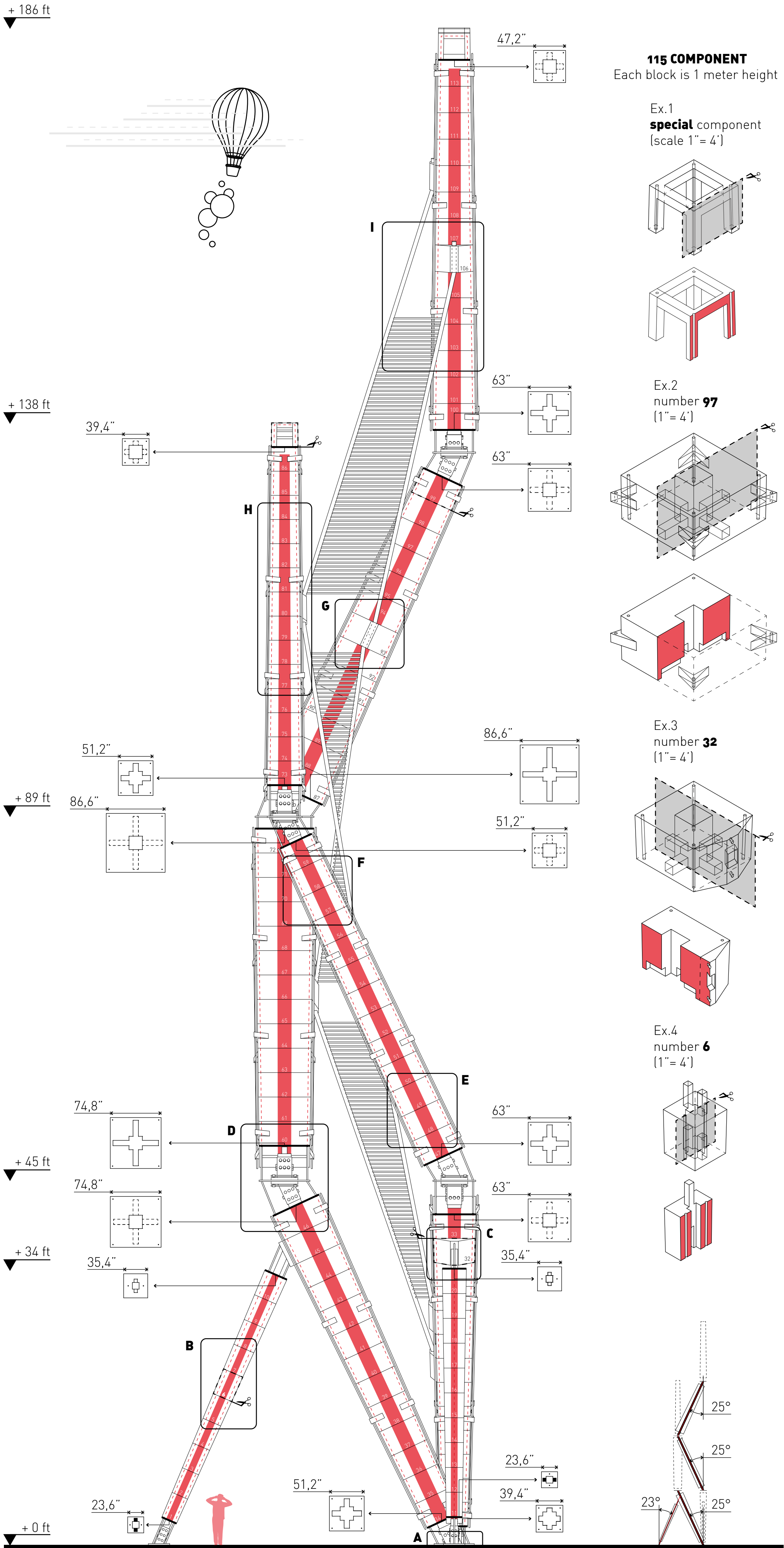




BLOCK CREATION + POSSIBLE EVOLUTION OF THE BLOCKS

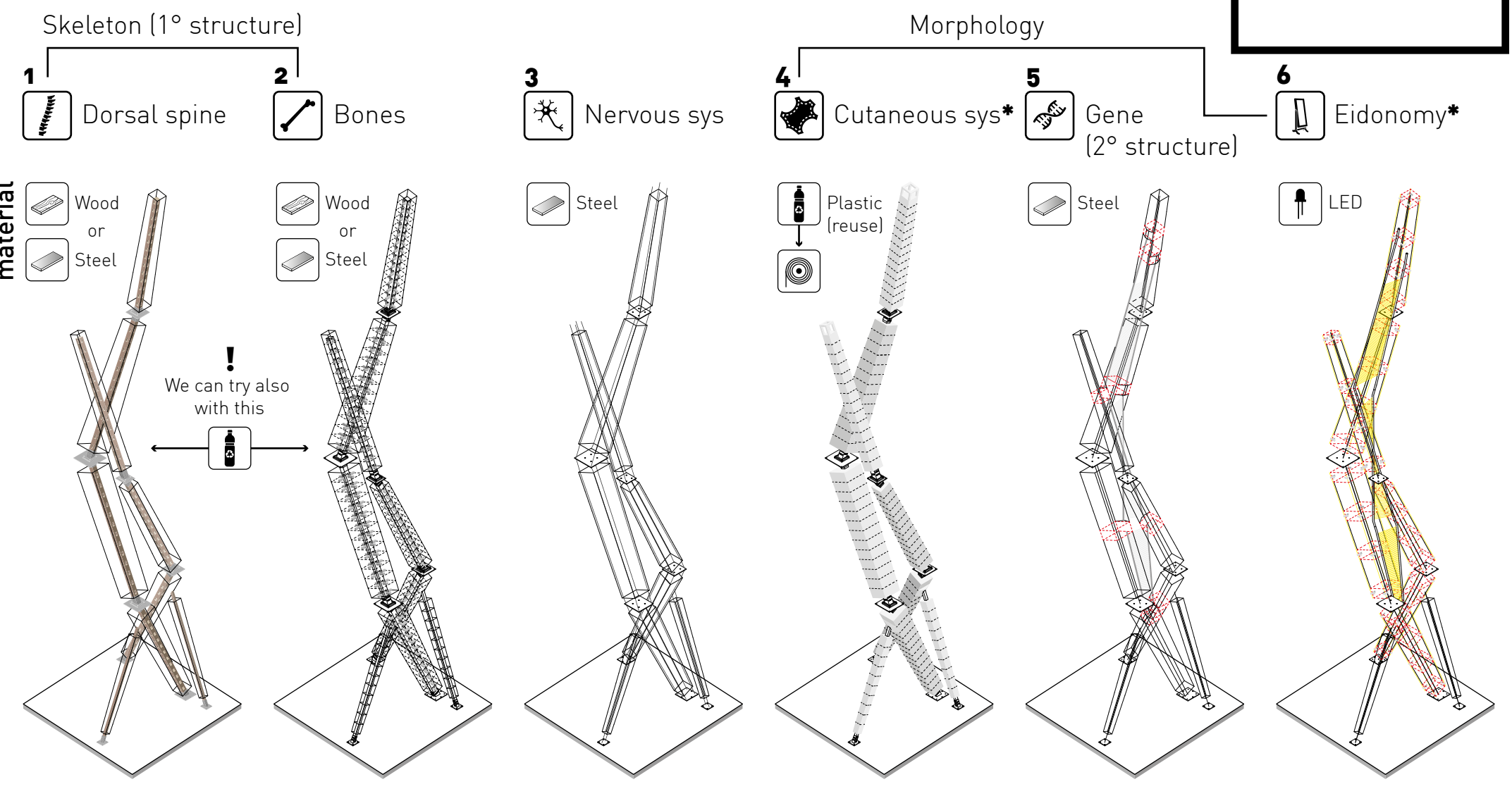


TECHNICAL FRONT
(scale 1" = 8')



MAIN COMPONENTS
(scale 1" = 40')

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.



DETAILS
(scale 1" = 4')

