

THE EMERALD

'IN THE NECKLACE OF GREEN RIBBONS THAT RUN THROUGH DOWNTOWN SAN JOSE'

CONCEPT

THE EMERALD IS A NOT JUST A MONUMENT. IT'S AN EXTENSION OF EARTH. IT IS A PLACE WHERE PEOPLE GO TO ETCH THEIR NAMES AND TAKE AN OATH TO NO LONGER HARM THE EARTH.



The form was inspired by an Emerald ore. The monument consists of a large artistic photobioreactor which emits green light and a number of structures constructed around it to represent the rock that surrounds the emerald

The color Green was chosen for lighting not only for its relevance to the theme but as it does not affect Fish, migratory Birds and do not attract Insects.

This color of lighting can be achieved by a photobioreactor which is a structure designed for the efficient growth of microalgae

VISION FOR THE FUTURE

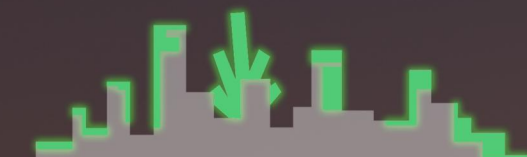


San Jose 2020



San Jose 2030

Takes the biggest step to being carbon negative. (The monument is built)



San Jose 2050 aka 'Emerald City'

Carbon negative and the largest producer of biofuel in the world. (The whole city uses algae building technology)

THE WORLD'S LARGEST PHOTOBIOREACTOR

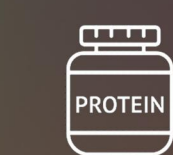
WHAT BETTER WAY THAN HEALING THE OZONE WITH WHAT CREATED IT.(MICROALGAE)



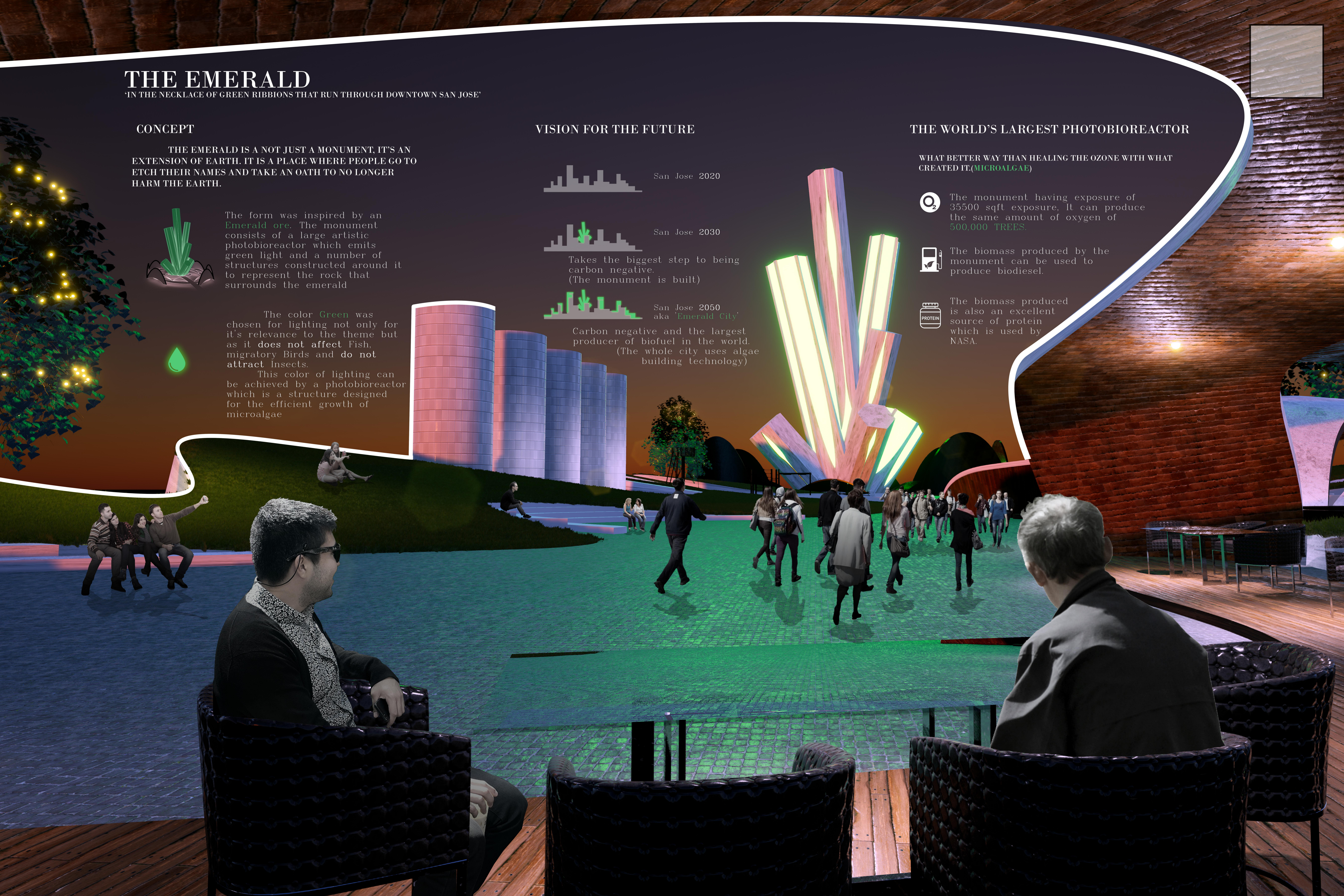
The monument having exposure of 35500 sqft exposure. It can produce the same amount of oxygen of 500,000 TREES.

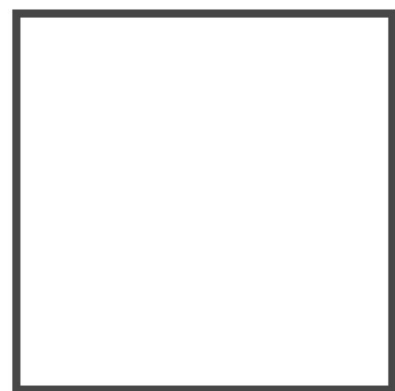


The biomass produced by the monument can be used to produce biodiesel.



The biomass produced is also an excellent source of protein which is used by NASA.





UNDERSTANDING THE EMERALD



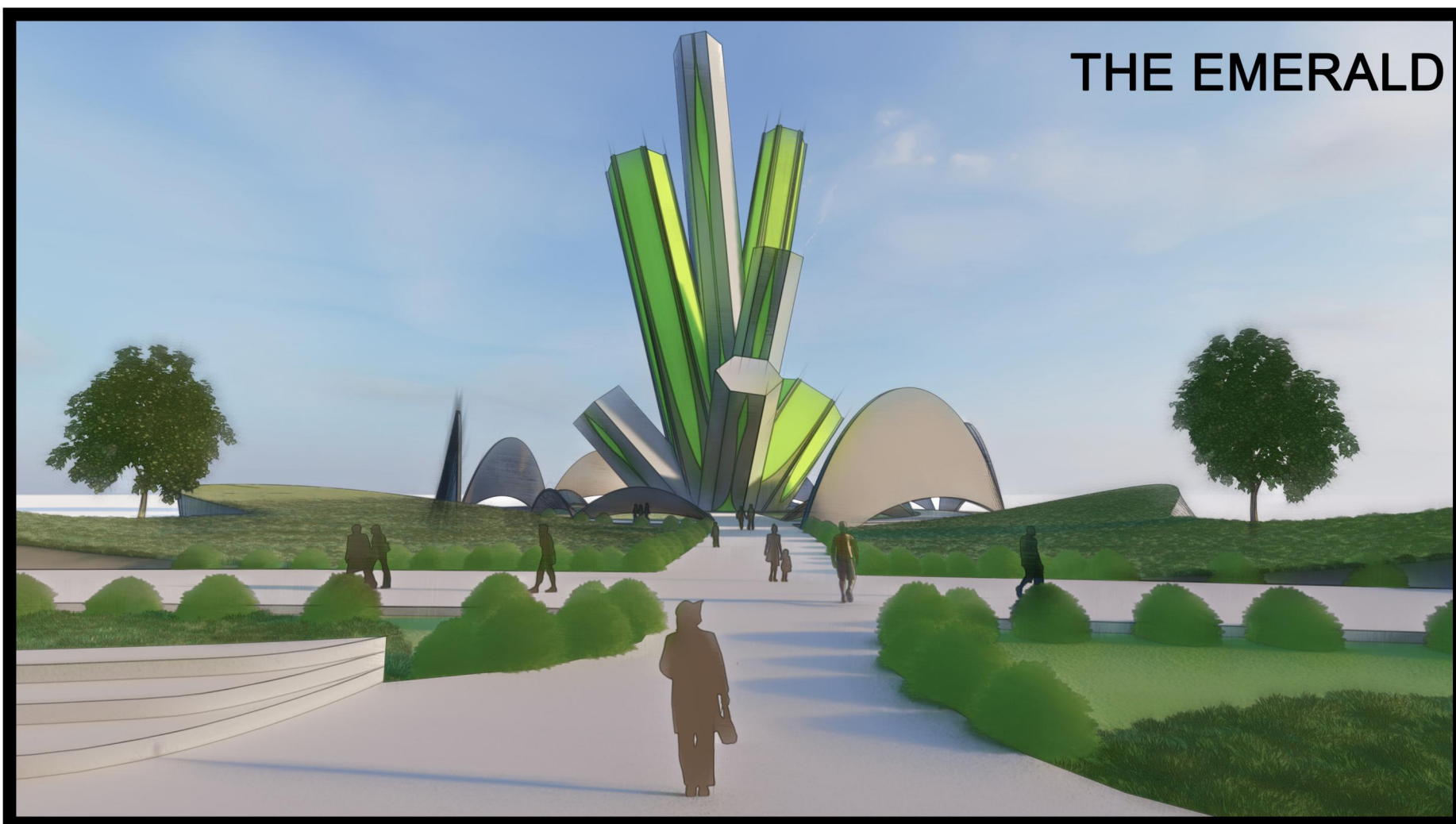
FIVE SKATERS



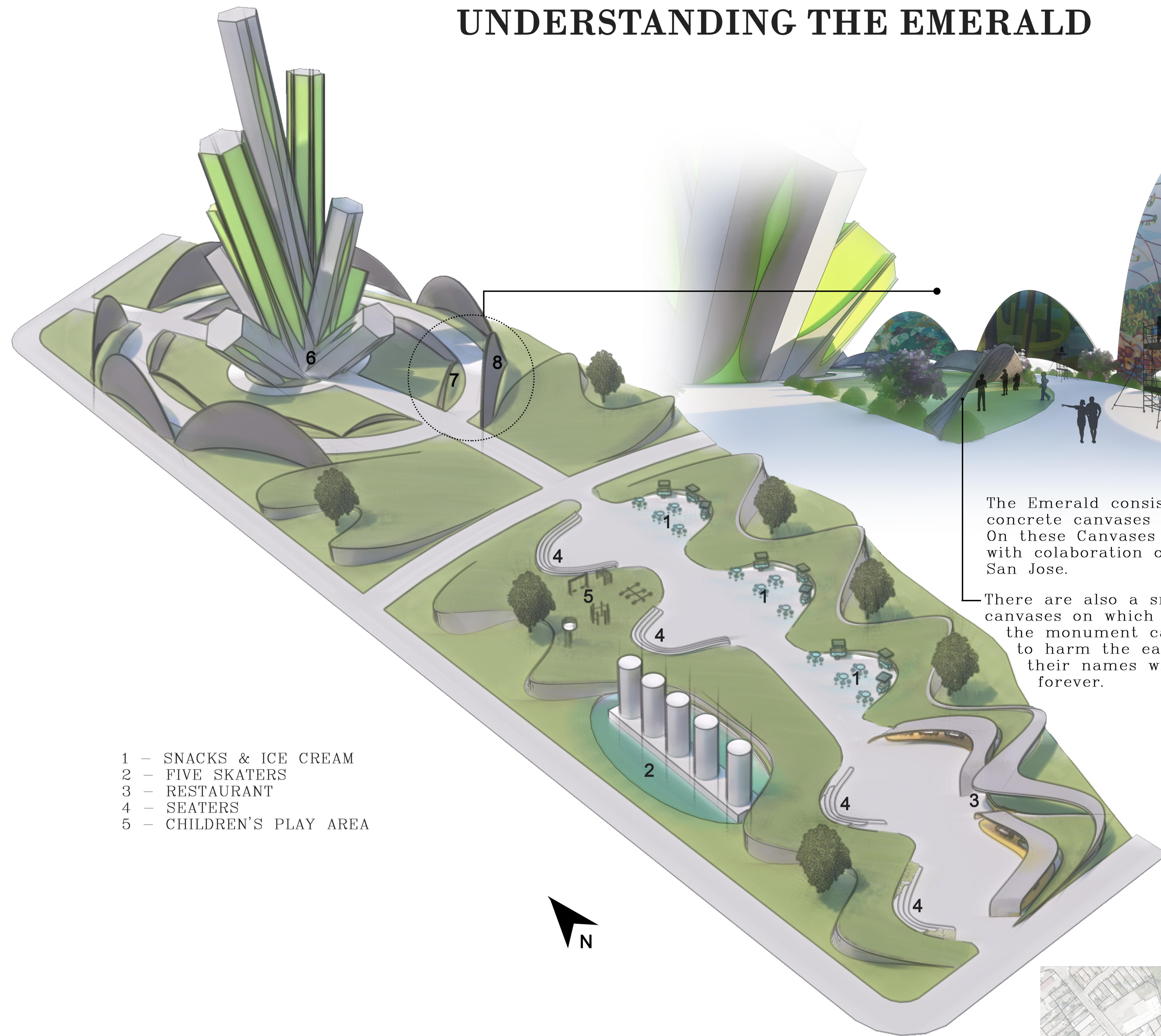
CHILDREN'S PLAY AREA



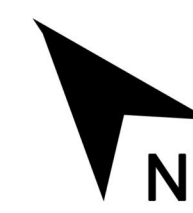
MAIN ENTRY



THE EMERALD



- 1 - SNACKS & ICE CREAM
- 2 - FIVE SKATERS
- 3 - RESTAURANT
- 4 - SEATERS
- 5 - CHILDREN'S PLAY AREA



The Emerald consists of large curved concrete canvases surrounding it. On these Canvases murals can be painted with collaboration of the artists of San Jose.

There are also a smaller set of concrete canvases on which the people who visit the monument can take an oath not to harm the earth anymore and etch their names where it will remain forever.

