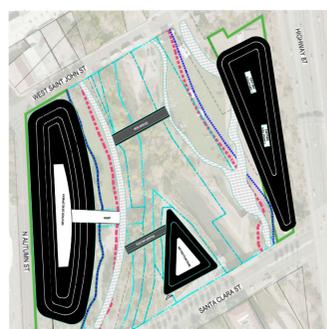
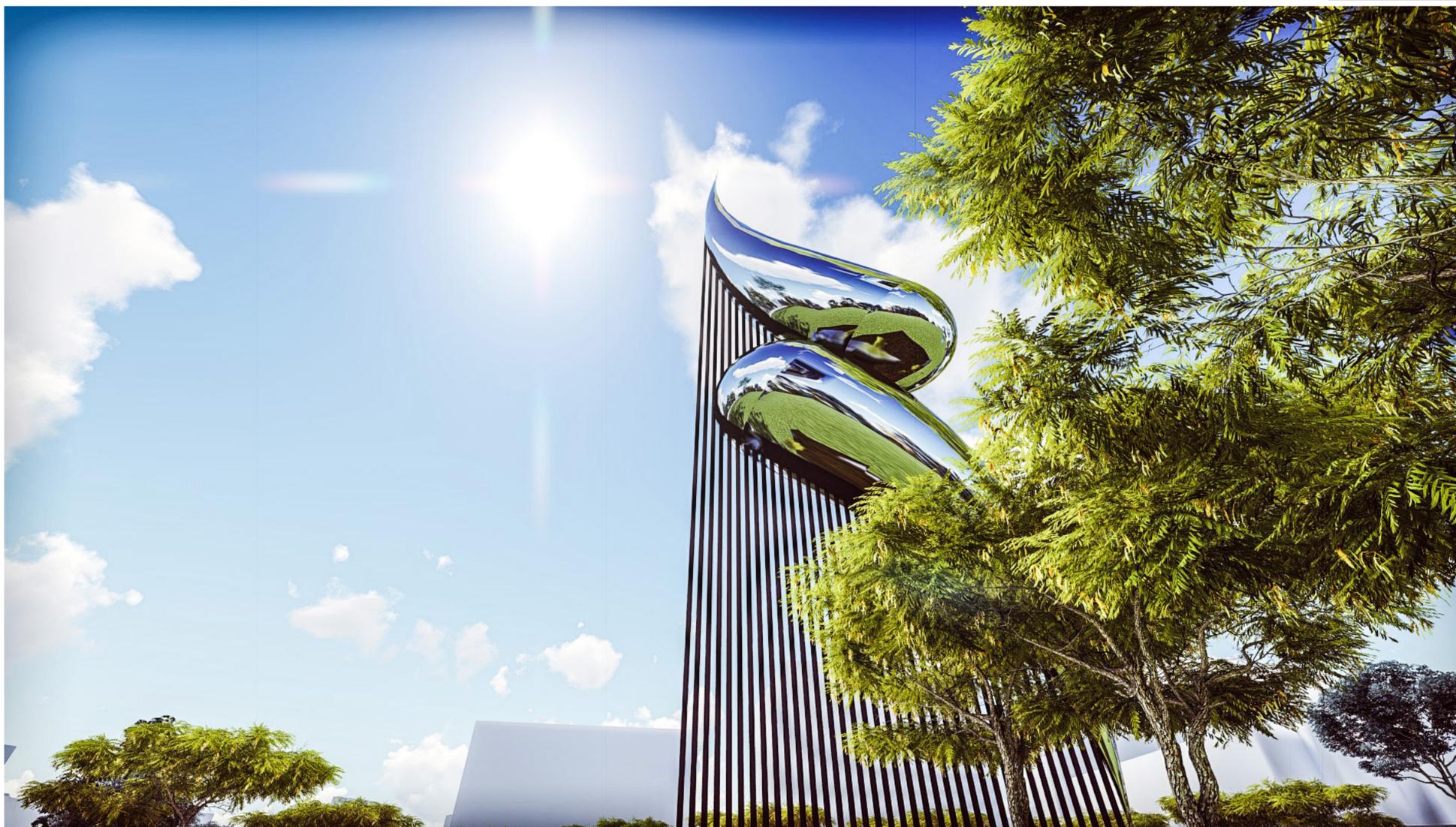


SILICON DROPS



SITE MAP IMAGE WITH POSITION OF DEVELOPMENTS ON SITE

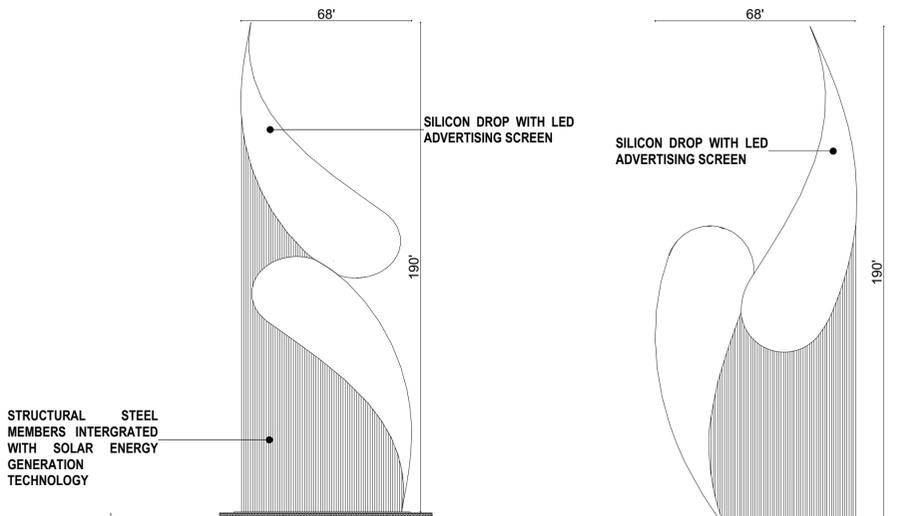
SILICON DROPS! is a sculptural response to the challenge of activating Arena green park. The idea was rooted from the chemical activation process in a chemist's lab which involves mixing of different chemicals by adding drops of one into the other hence activating a chemical solution. Borrowing the idea, I decided to introduce whimsical drops into the park enhancing vibrancy in and around the park. The east-side site has two sculptures and the west-side site has one relatively large sculpture that also contains administrative offices for the park, and a technology library for the public. Standing at a height of 190 feet from the ground, the envelopes of the drops are integrated with LED display technology that creates an advertising platform for the great technology hubs of Silicon valley. The display technology will also attract community members to spend more time in the park hence activating it during day and night. Structural steel members give the drops stability and are also integrated with solar energy storage technology which allows the sculptures to generate their own electricity.



AERIAL VIEW OF SITE

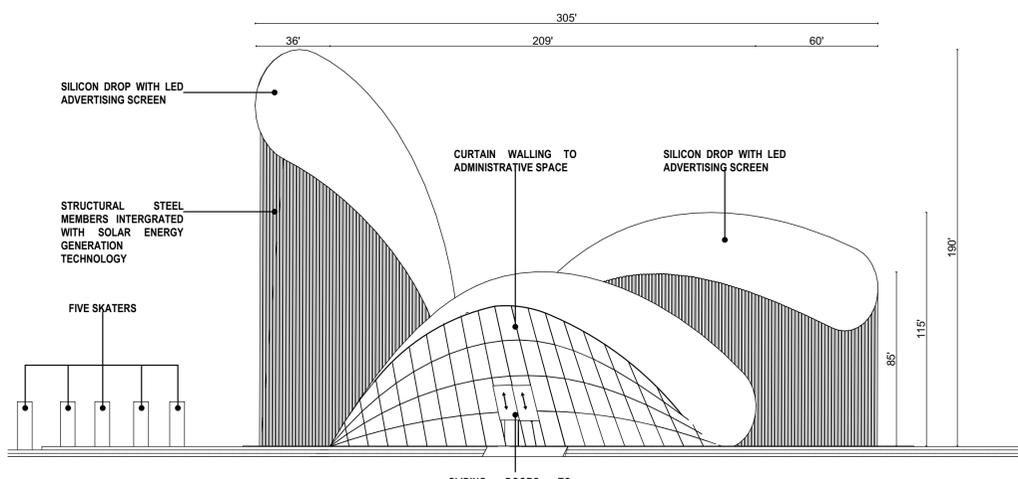


VIEW FROM HIGHWAY 87



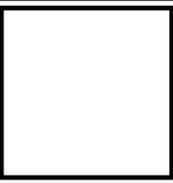
ELEVATION OF EAST-SIDE SCULPTURE 1

ELEVATION OF EAST-SIDE SCULPTURE 2



ELEVATION OF WEST-SIDE SCULPTURE

SILICON DROPS



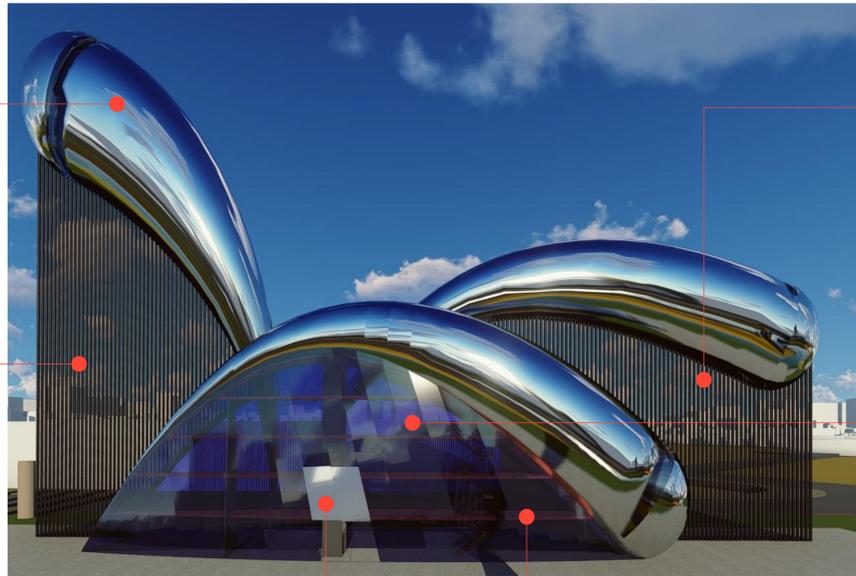
VIEW FROM WEST SANTA CLARA STREET



VIEW OF EAST-SIDE SCULPTURES FROM PARK INTERIOR

SILICON DROP WITH LED
ADVERTISING SCREEN

STRUCTURAL STEEL
MEMBERS INTERGRATED
WITH SOLAR ENERGY
GENERATION
TECHNOLOGY



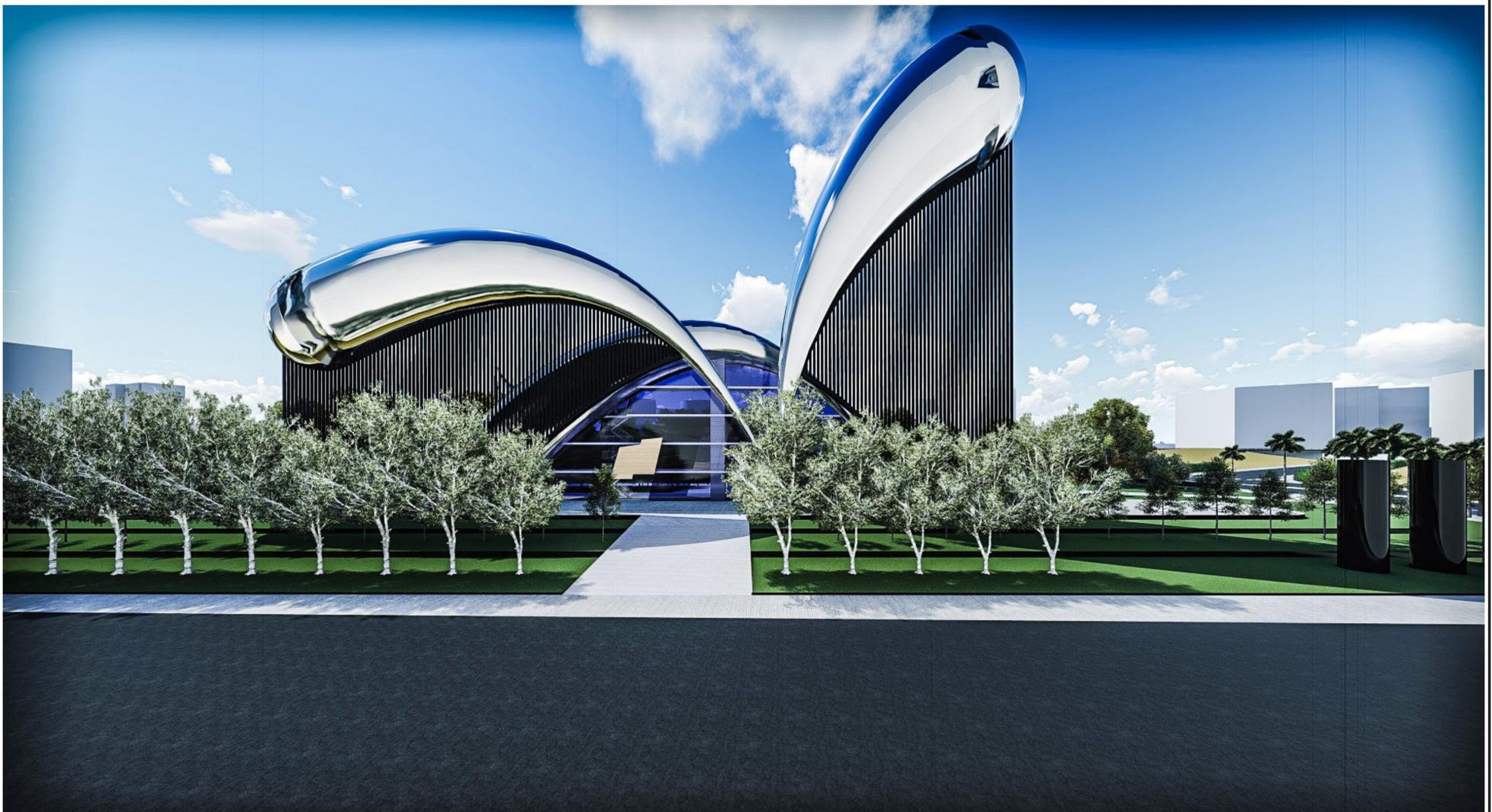
MULTI COLOURED
RECESSED LED LIGHTS
WILL BE PUT ON THE
STRUCTURAL STEEL
MEMBERS TO CREATE A
BEAUTIFUL NIGHT
SCENARY IN THE PARK

SUPER INSULATED GLASS
WILL BE USED IN THE
CURTAIN WALLING
SYSTEM

INTERIOR FLOORS WILL
BE MADE WITH
INSULATED CONCRETE
FORMS (ICF)
TECHNOLOGY TO
ENHANCE HIGH-
PERFORMANCE
INSULATION

SUPER-INSULATED
DOORS WILL BE
INTERGRATED IN THE
CURTAIN WALLING

NET - ZERO ENERGY CONSIDERATIONS



VIEW FROM NORTH AUTUMN STREET