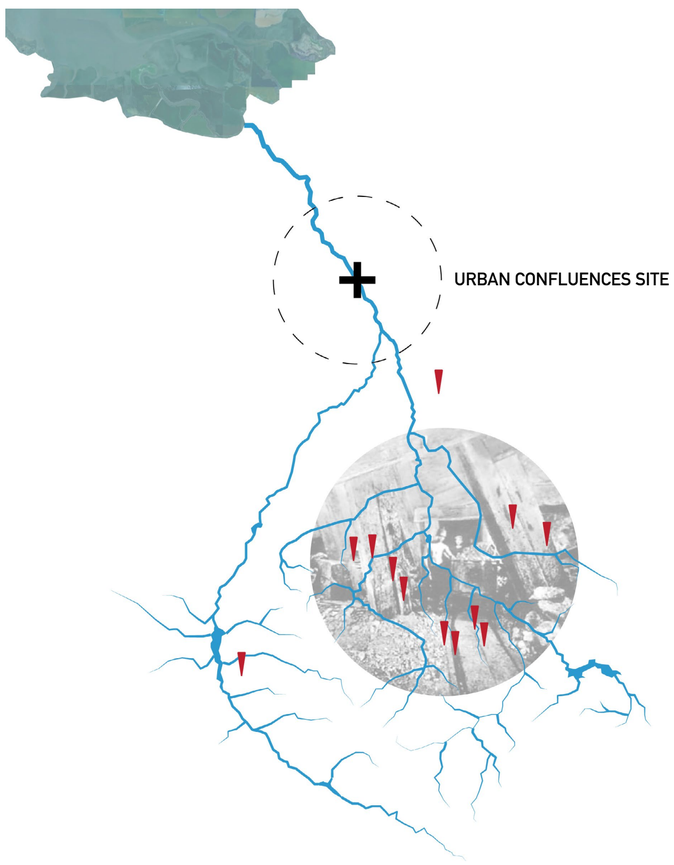
PHYTO | PHOTO
ECO ICON

VIEW WEST TOWARD RIVER



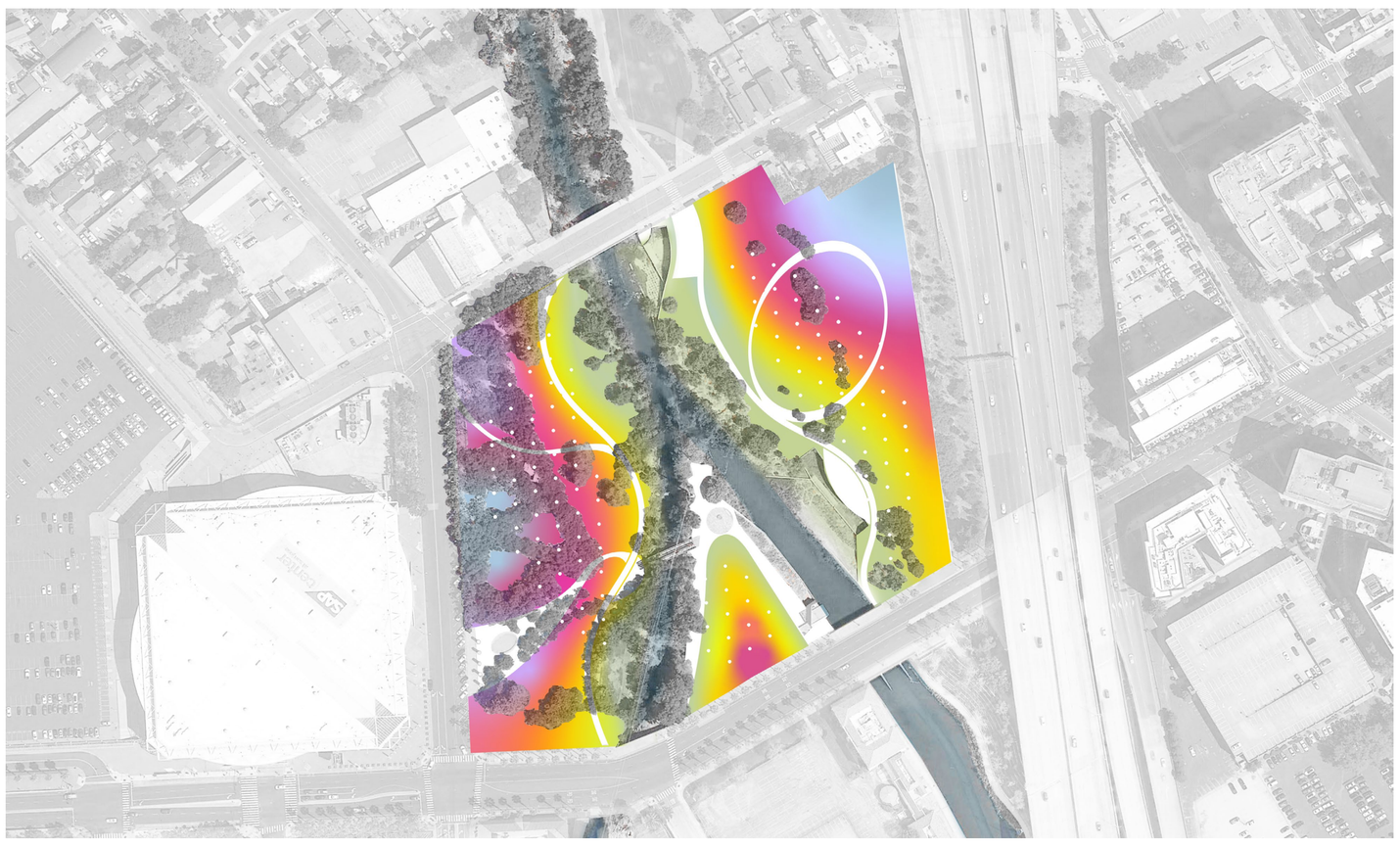
GUADALUPE WATERSHED:
CLOSED MINES RESULTING IN MERCURY TOXICITY

PHYTO PHOTO ECO ICON PROJECT CONCEPT:

A riparian habitat and willow grove at the junction of the Guadalupe River and Los Gatos Creek initiate a welcoming, inclusive and immersive outdoor wonderland for community gathering. Viewed from above, the site, situated between the SAP Center at San Jose and elevated Highway 87, becomes an astonishing, expansive urban canvas delivering high impact visibility through gentle and sustainable means. Using vegetation as the primary medium, the iconic project stretches across the site uniting the two parcels into a colorful composition that works to restore the riparian habitat of the Guadalupe River through phytoremediation and a field of soil flushing devices that clean the mercury contaminated soil.

This unlikely icon of expanse is primarily composed of live and changing vegetative material, a dynamic composition. The plants in the palette include riparian natives as well as drought tolerant natives. Plants proposed along the river like yellow polar, Indian mustard and beard grass are able to absorb and consume the mercury which contaminates the watershed.

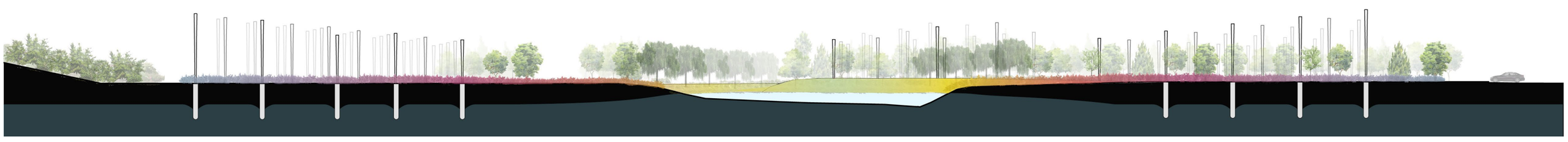
Additionally, our project includes a field of soil flushing devices that clean contaminated soil through electrochemical filtration. Each soil flushing device includes a wind vortex to harvest energy and a programmable color changing light source. At night the canvas is set aglow with kinetic color light that supports the ecosystem by limiting full- spectrum and low-wavelength lighting and demonstrates the seasonality of natural cycles.



SITE PLAN

PLANT PALETTE

PHYTO-REMEDIATORS RIPARIAN NATIVES DROUGHT TOLERANT NATIVES



EAST WEST SITE SECTION

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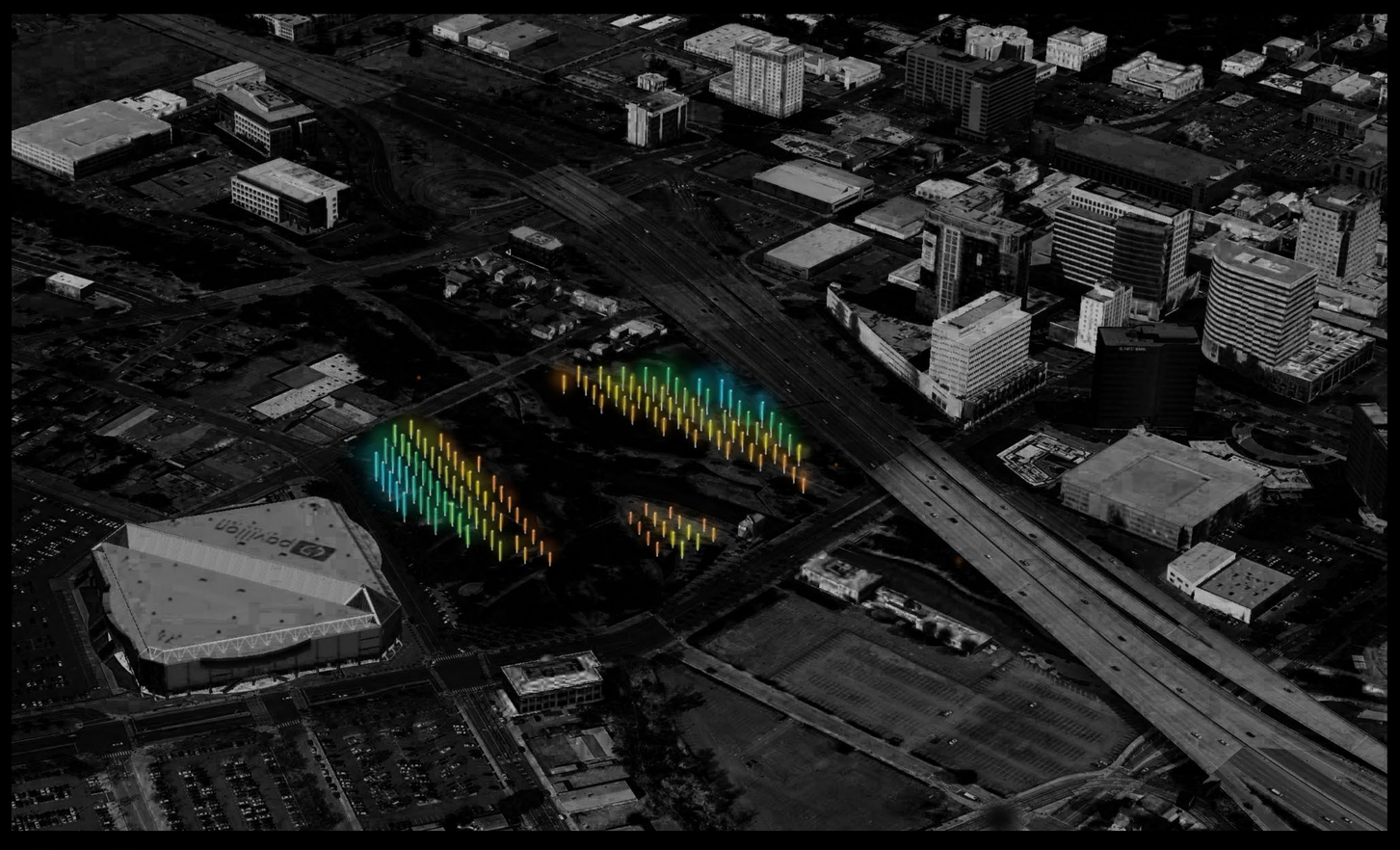
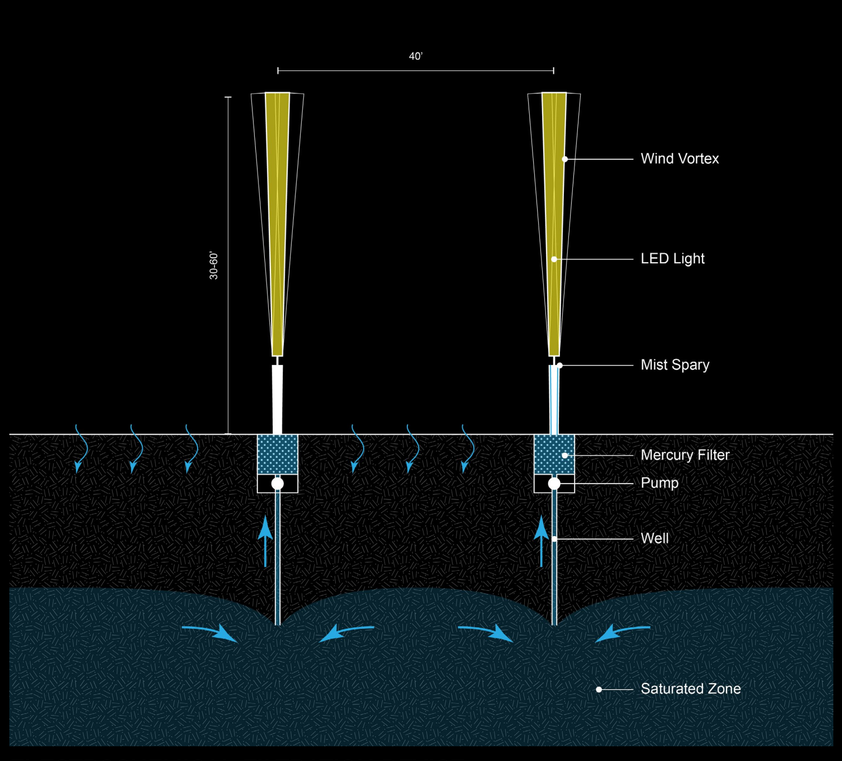
VIEW FROM ELEVATED HIGHWAY 87
DEPICTING OPTIMAL SUMMER LIGHT FOR NATIVE FAUNA

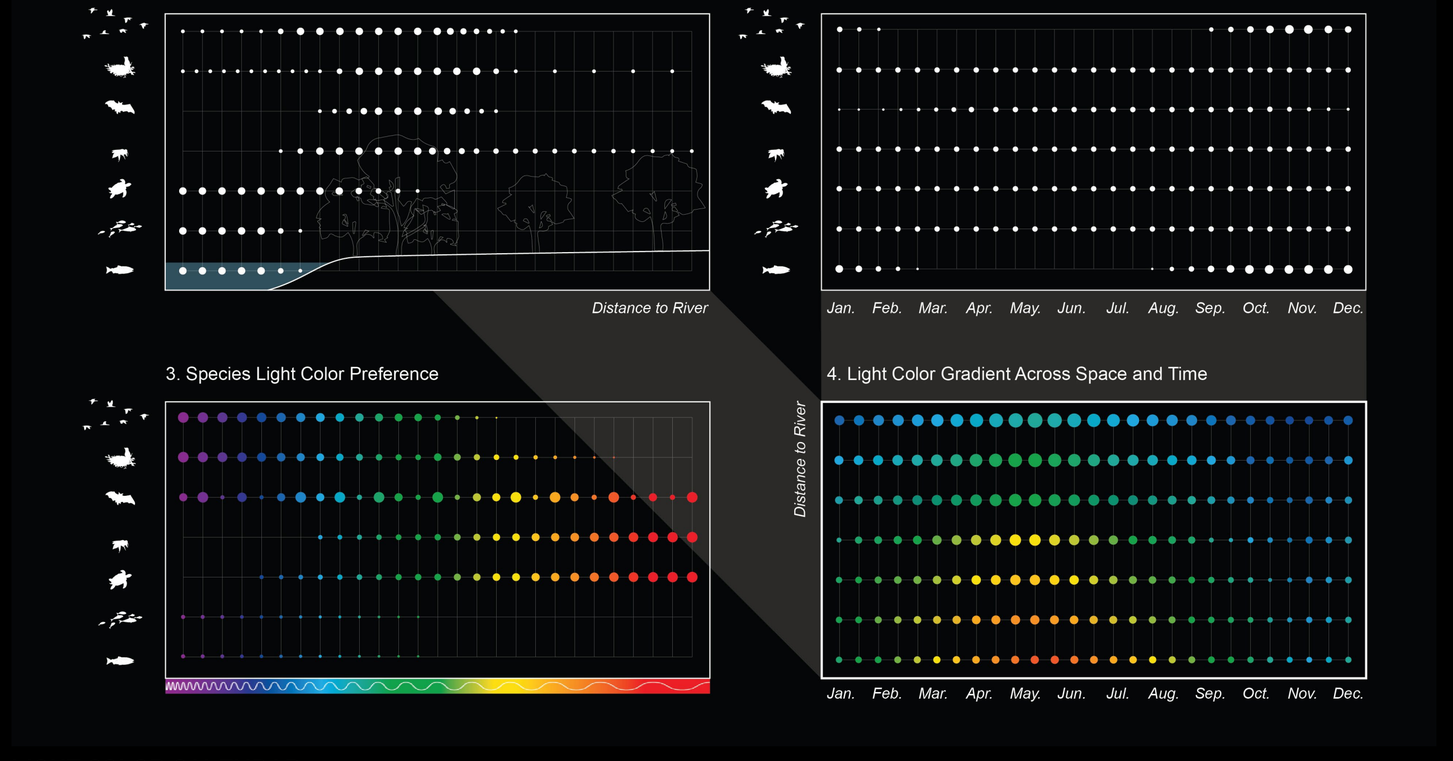
COLORED LIGHT ON FOLIAGE



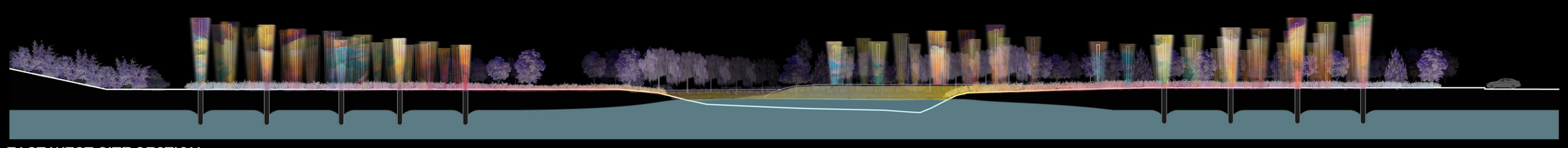
AERIAL VIEW



ELECTROCHEMICAL FILTRATION DEVICE
POWERED BY WIND VORTEX TECHNOLOGY



LIGHT COLOR CALENDAR



EAST WEST SITE SECTION