

Organograph

An iconic artwork for the Urban Confluence competition in San Jose, CA



A blossoming heliotropic flower

A towering kinetic building with five internal floors



An interactive and engaging climate-change exhibit and call to action

A civic beacon.
A community hub for congregation, discussion, learning, and enjoyment



A giant transparent clockworks

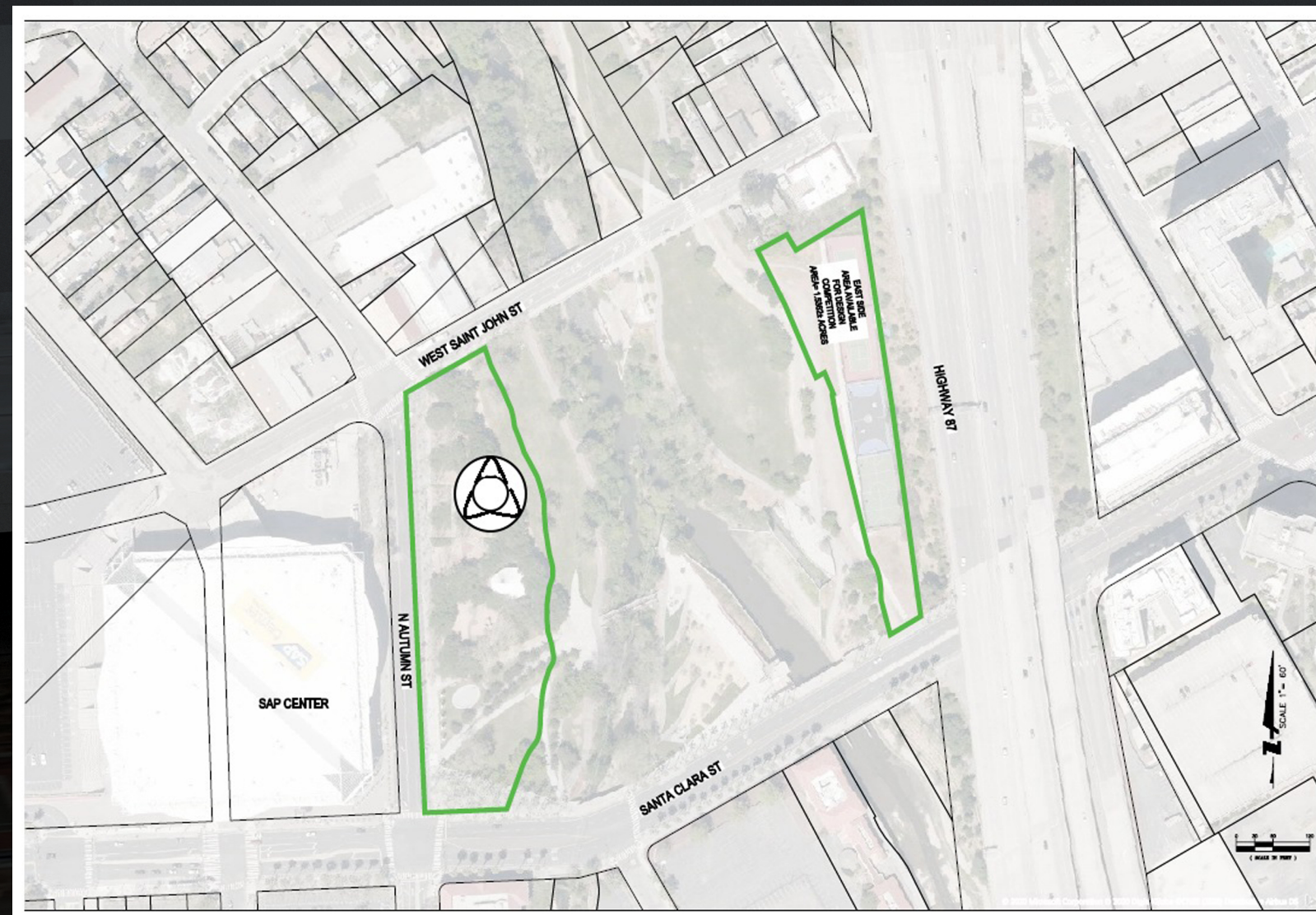


Organograph is a call to action on climate change, elucidating the dynamics of the Earth's carbon cycle and illustrating the challenges of our dependence on fossil fuels.

It is a beacon of hope and a call for change, for the people of Silicon Valley and of the world.

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Lighting

- * Downward facing LED's
- * Muted blue-greens, in accordance with lighting report and biology report
- * Interpretive climate data display
- * Switches off late at night, respecting needs of wildlife

Kiosks support small cafes, drink stands, bars, etc.

Accessibility

- * Lower ramp ADA compliant
- * Upper levels accessible via wheelchair lift or stair lift
- * Interpretive signage QR-coded for accessibility and additional educational resources

Water catchment via petals. Cistern built into foundation below plaza

Plaza supports farmer's markets, music, lectures, street fairs, cultural events

Architectural / structural

- * Height: Approximately 120'
- * Power: ca. 300 m² amorphous PV panels, net-zero impact, providing ~3500 kWh / month
- * Structure:
 - * Petals on four point track system
 - * Upper rotating clockworks on seismically engineered bearing track
 - * Lower terrarium fixed on foundation
- * Materials: LCA evaluated for permanence (Stainless and Corten steel, glass) or renewability (bamboo, compost, plants)

