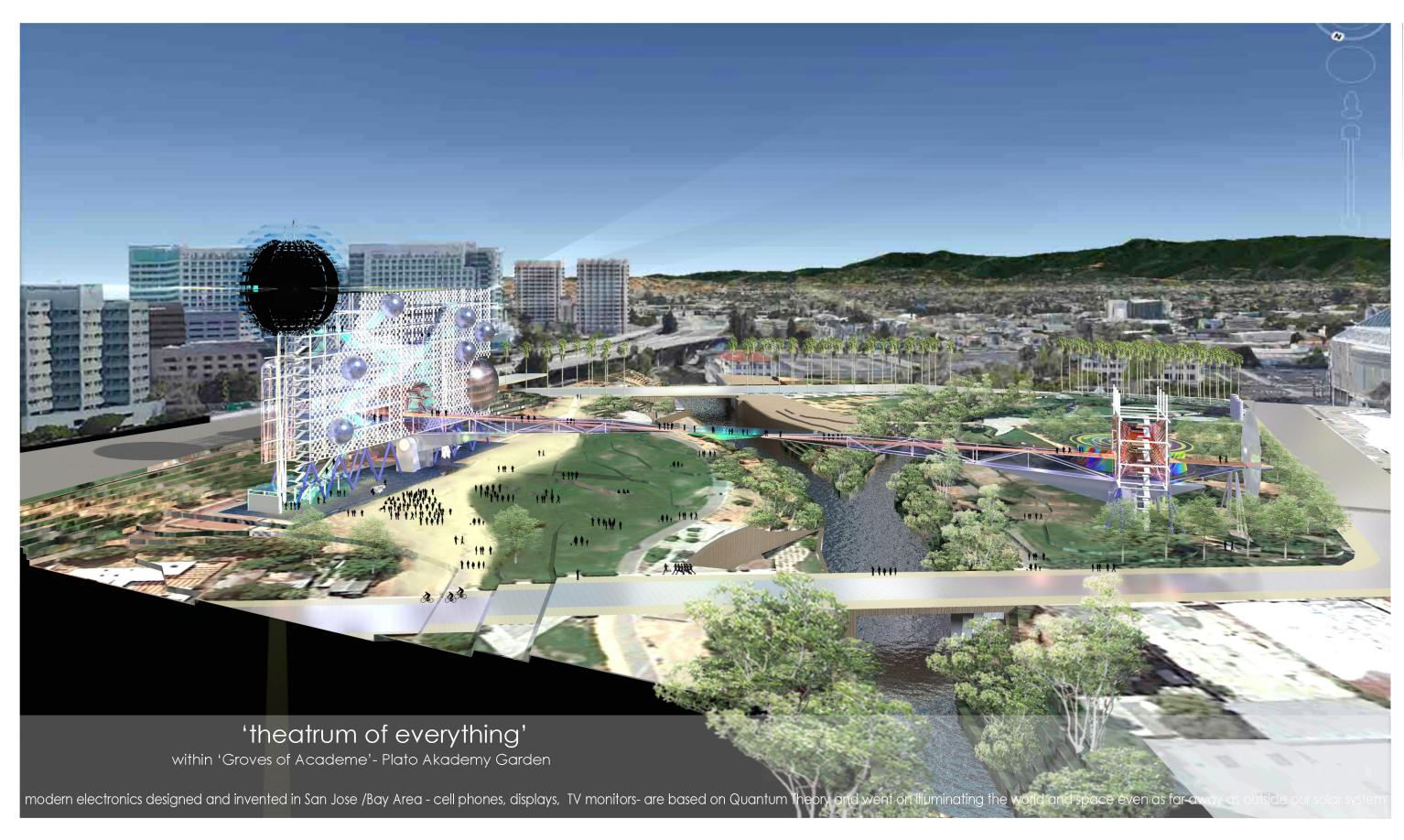
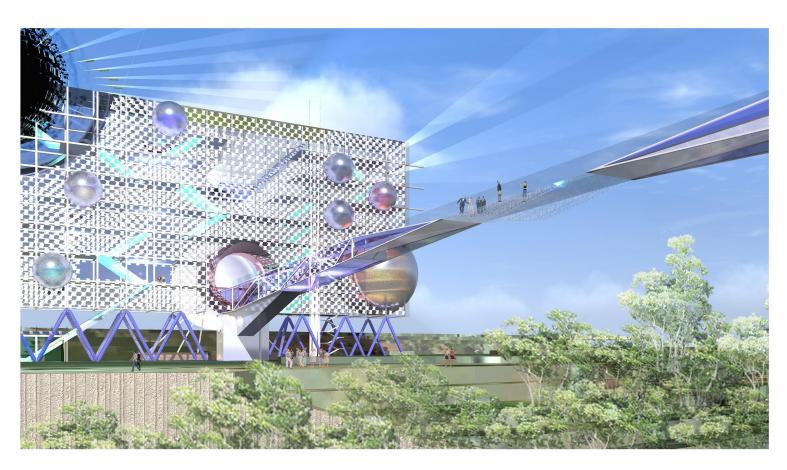
SAN JOSE MONUMENT In the gateway of Silicon Valley, at the confluence of two rivers, the world connects: Nature & Humanity, Space & Time, History & Future

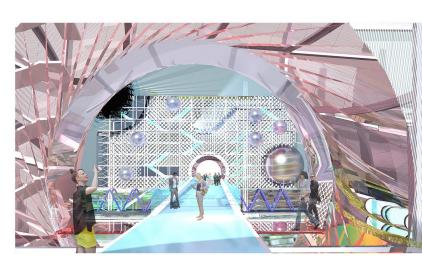


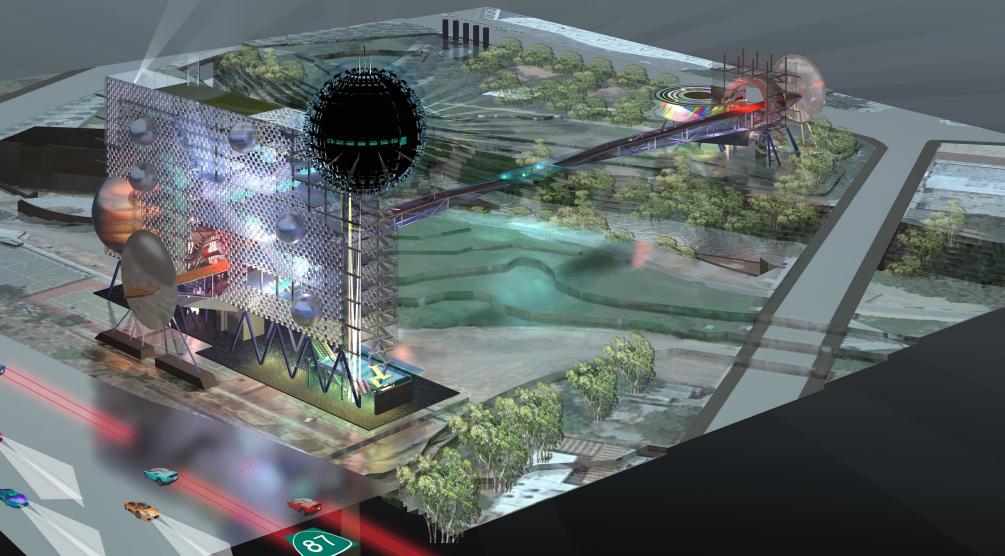


1894 Physicist Max Planck was working on blackbody radiation/light to create better, more energy efficient light bulbs. To solve problems at high frequencies the 'ultraviolet catastrophe' he proposed that electromagnetic energy could be emitted only in quantized form, in other words, the energy could only be a multiple of an elementary (Ouanta) unit thus initiating Quantum Theory



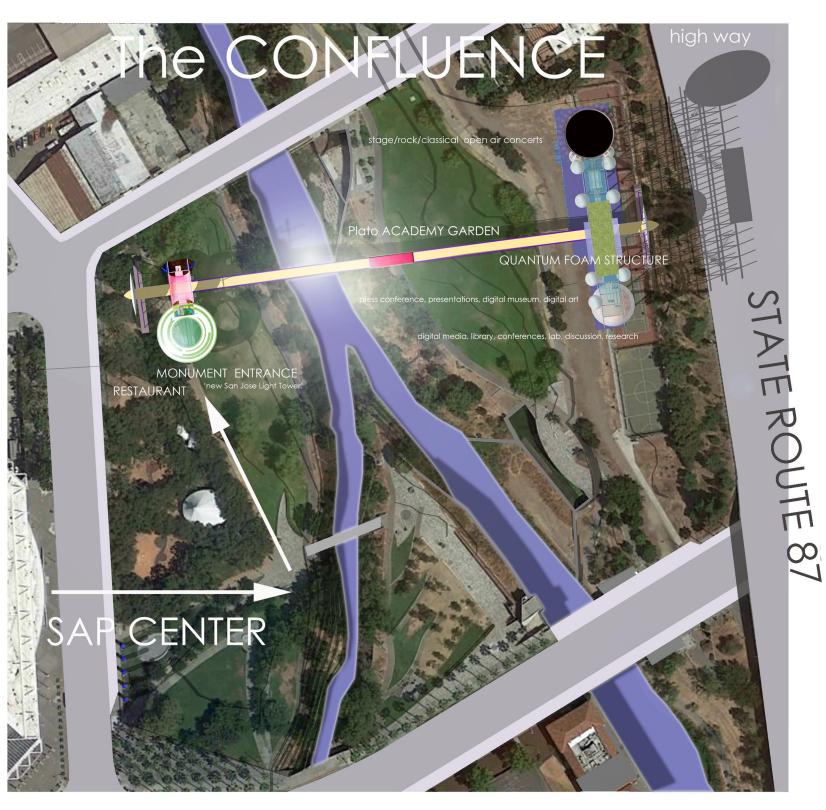
global connection

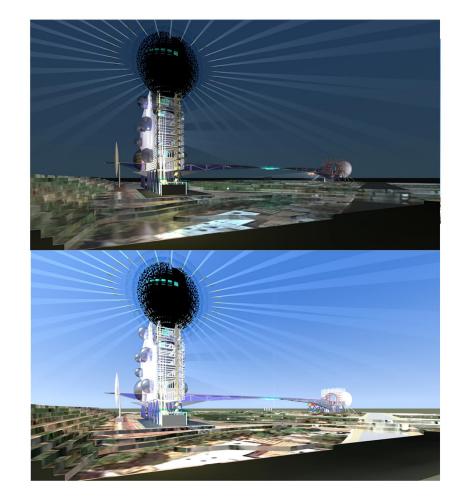


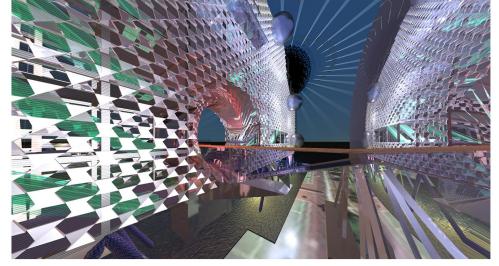


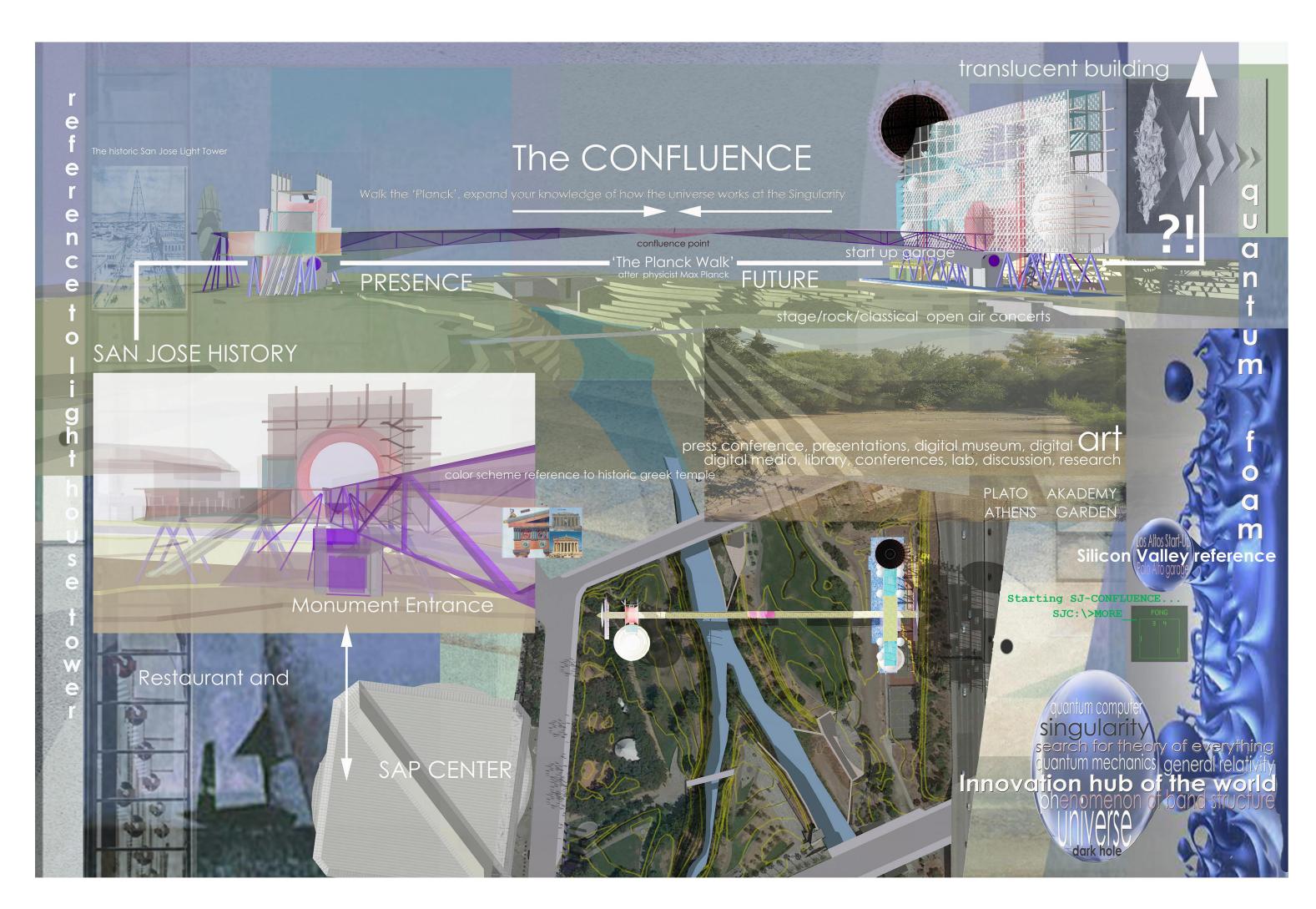


the 'Planck Walk'

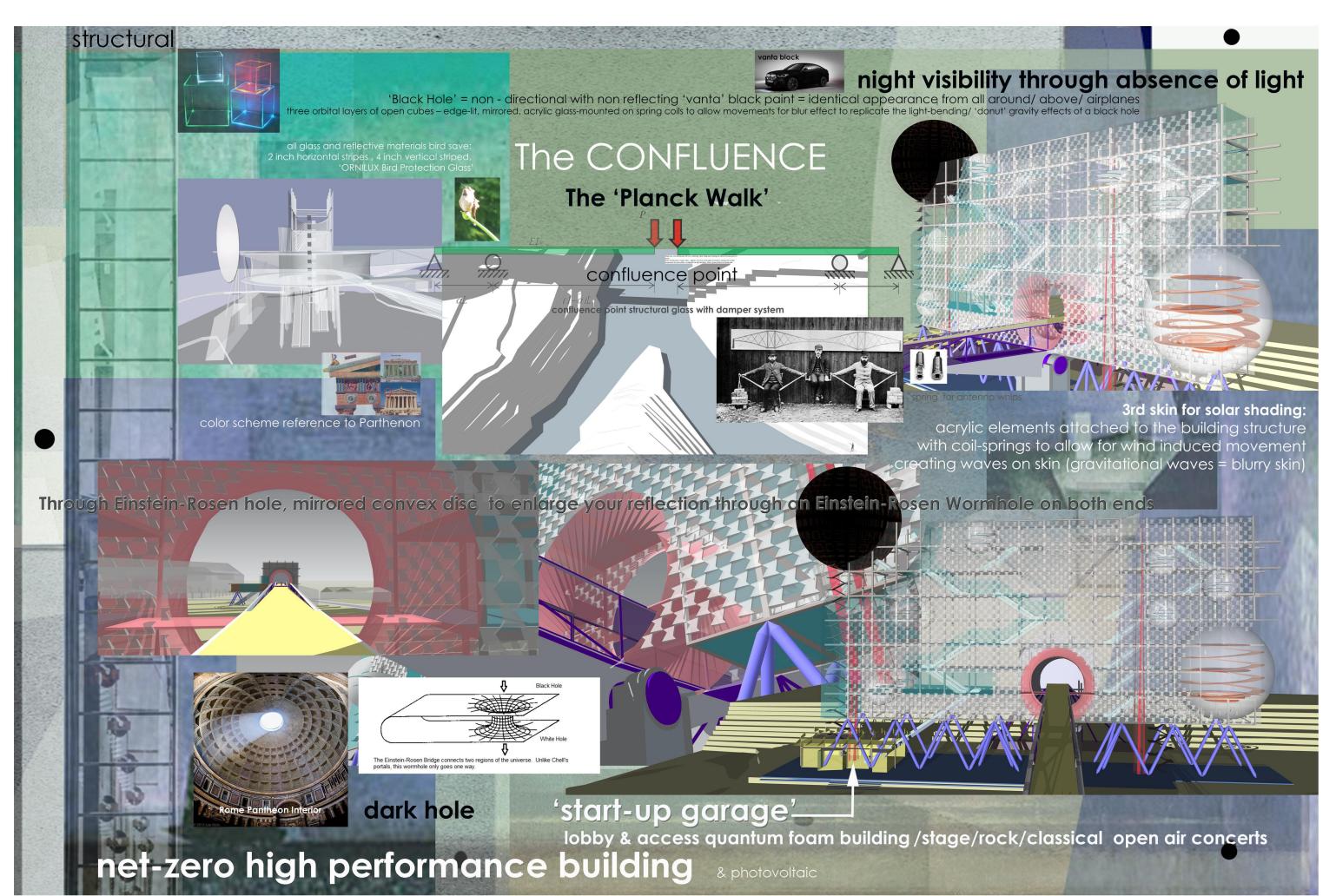


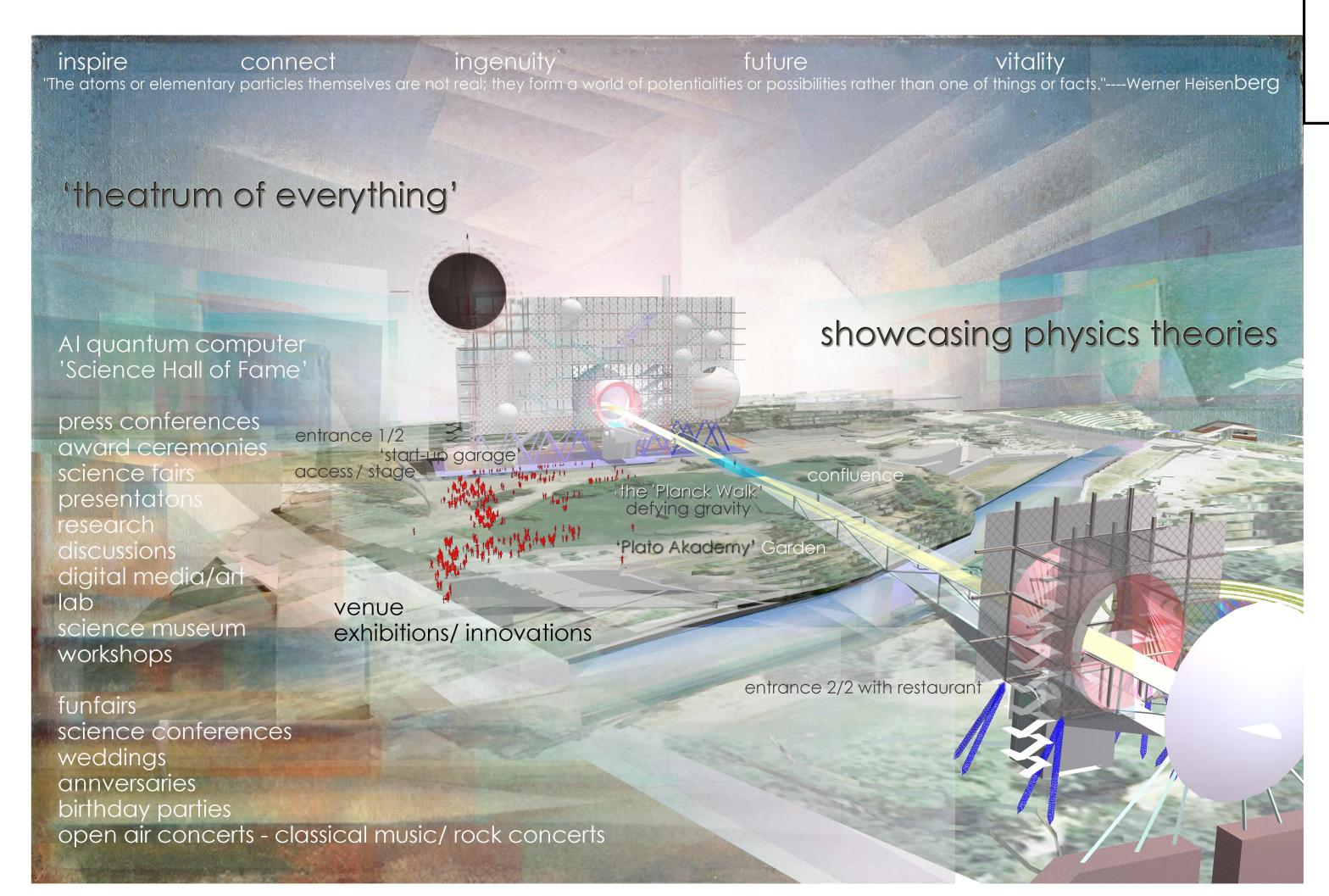




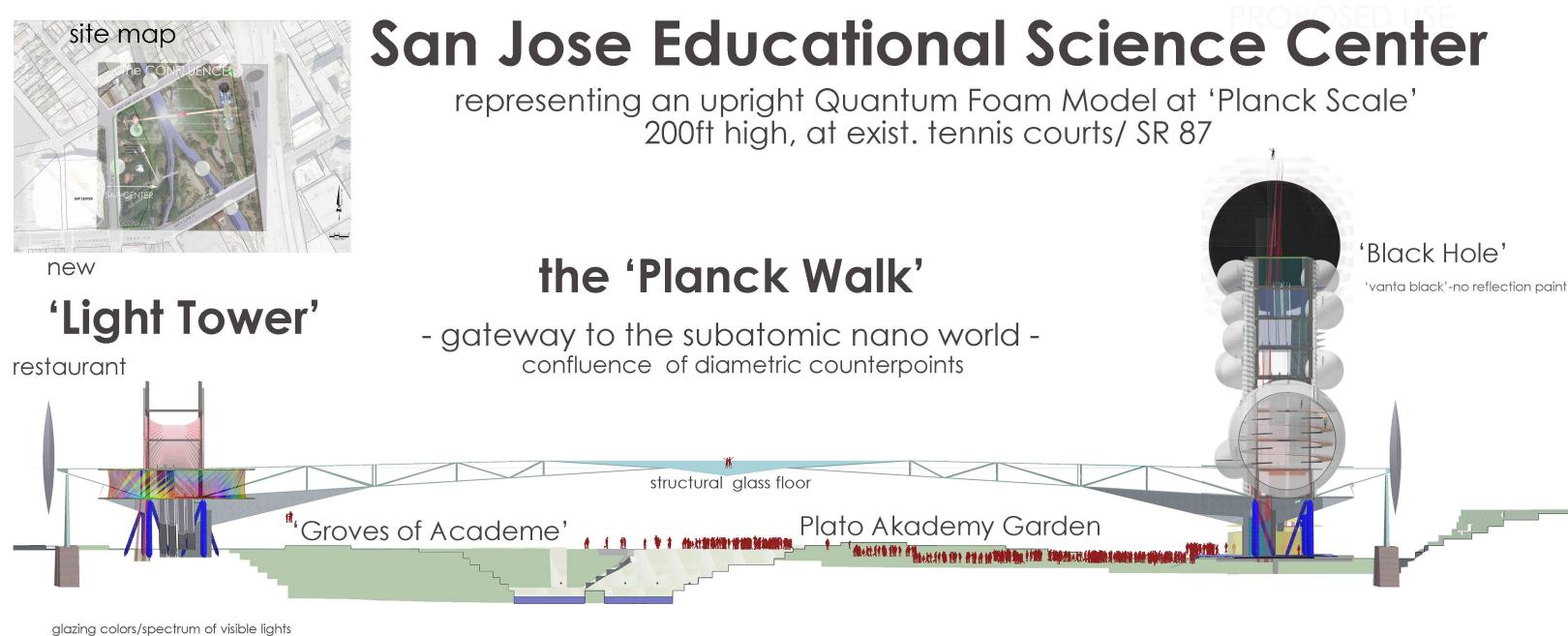


bridging past presence future





global connection



Envelope

adaptive building envelope system, sustainable high performance facade, high-performance triple skin - building saves energy with a pioneering triple-layer glass façade

the envelope is comprised of a triple layer of glass (hot chamber) added to which is a fourth layer with a ventilated chamber containing the package of micro-perforated Venetian blinds to regulate the light

brise-soleil screens made of screen- printed glass are anchored on the outside, giving the façade's external surface a variable modular pattern in terms of both the panel dimensions - the design on their surface responding to environmental changes in the surrounding climate

site cross section

the double skin allows the envelope to be naturally ventilated and the perimeter ventilation system, combined with the internal forced ventilation system, reduces overall energy consumption