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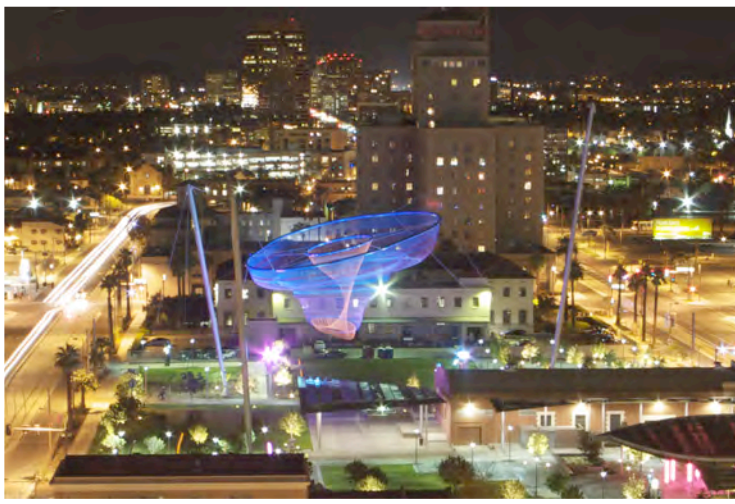


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***Her Secret is Patience*, 2009**

Downtown Civic Space, Phoenix, Arizona

Description:

Her Secret is Patience is the newly inaugurated civic icon suspended above the new Phoenix Civic Space, a two-city-block park in the middle of downtown. This sculpture is flexible and constantly in flux. It makes the invisible patterns of desert winds visible to the human eye.

The large three-dimensional multi-layered form is created by a combination of hand-baiting and machine-loomed knotting, and is the result of a collaborative effort with an international team of award-winning engineers. This work redefines the 'art space,' by bringing viewers eyes upwards to the sky, focused on a new celestial object.

During the day, the 100-foot-tall sculpture hovers high above heads, treetops, and buildings. The sculpture creates what the artist calls "shadow drawings," which she says are inspired by Phoenix's cloud shadows that captivated her from the first site visit. The result is a more hospitable environment for people to be outside in the hot Arizona climate.

At night, the illumination changes color gradually through the seasons. The goal in selecting the colors is to provide residents some small climate relief through color, adding cool hues in summer, and warm tones in winter. The lighting design also changes what portion of the sculpture is illuminated, leaving parts obscured in mystery, much like the phases of the moon.

Materials:

Painted galvanized steel and cables; changing sets of recyclable high-tenacity polyester braided twine netting; colored lighting with computerized programming.

Scale:

Poles: 105ft , 125ft and 145ft tall;

Rings: Outer 100ft wide, Inner 30ft wide;

Cable: 1 3/4 -inch cable; 1-inch cable

Net Dimensions: 100ft wide at the top – 15ft wide at the bottom

Lowest part of net hangs 38ft above ground

Highest rises to about 100ft.

Wind Load: designed to withstand 90-mile/hour winds.

Budget:

US \$2.5 million

Awards:

2008 Award for Excellence in Structural Engineering to M3 Engineering from the Arizona Structural Engineering Association (ASEA).

2009 Environmental Excellence Award for the category of Art in Public Places Crescordia Award from the Valley Forward Association.

Client:

City of Phoenix, Office of Arts and Culture

Team:

Janet Echelman, artist

Buro Happold, net engineering

Peter Heppel Associates, aeronautical engineering

Speranza Architecture, consultant

CAID Industries, fabricator and project engineering

M3 Engineering, steel structure engineering

Arup USA, Inc, conceptual design phase engineering

Paul Deeb, VOX, lighting

Nexus Steel, structural erection

Foresite Design and Construction, sculptural foundations

Diamond Nets, net fabrication

NETServices, net installation

Janet Echelman, Inc. - www.echelman.com