

Clearwater Beach Marina Sculpture Proposal

Concept 3: "*Dancing Sun*"

Cecilia Lueza Art Projects

INSPIRATION

Dancing Sun is inspired by the beauty of the sun at sunset and sunrise. The artwork is composed of multiple undulant panels that create the visual effect of a dynamic sphere.

Painted a bright shade of orange the artwork evokes joy and luminous energy while engaging the public and providing a unique landmark for the marina. The sculpture's shadows will create ever changing patterns throughout the day marking the passage of time while adding a lively visual effect for the public to enjoy.

Timelessness is very important to us and our goal for this project was to design a sculpture that would be as relevant and compelling 50 years from now as it is today.

FABRICATION

When it comes to sculptural and three dimensional work, our preferred material is 6061 Aircraft Grade aluminum because of its many great properties such as low density and therefore low weight, high strength, superior malleability, easy machining and excellent corrosion resistance just to name a few. We also design and fabricate our sculptures to withstand hurricane force winds as per South Florida code criteria.

The sculpture will be made of water jet cut, welded 6061 aircraft grade aluminum of varying thicknesses. It will be cut using a 150,000 psi water jet tool for precise shape and scale preservation. All edges will be smooth and there will be no sharp or acute pointed edges.

FINISHES

Extremely durable and UV resistant coating system comprised of an epoxy primer and powder coat finish assuring decades of maintenance free exposure.

DIMENSIONS

Height: 13 feet (Including base)

Width: 9 feet

Depth: 9 feet

INSTALLATION

A round receiving cleat would be bolted to the concrete pedestal and then the sculpture is to be lowered onto the cleat and fastened by flush flathead stainless screws along the bottom perimeter. Threaded bolts drilled and anchored using world renowned Hilti HIT epoxy.

FOUNDATION

Rebar reinforced cast in place 3,500 psi poured concrete with dimensions of 5 feet in diameter by 2.5 feet high above grade. We will supply engineered drawings for permitting.

ILLUMINATION

At night the installation would be illuminated with high intensity LED lighting.

We will supply the LED well "in ground" light fixtures that will be connected to the existing electrical circuit.

TIMELINE

180 days for production.

1 - 2 days for complete installation.

BUDGET

Production drawings \$1,500

Engineering \$2,500

Materials \$20,950

Fabrication \$30,900

Installation \$1,750

Transportation \$1,200

Project documentation \$500

Artist fee \$15,700

TOTAL \$75,000

DANCING SUN



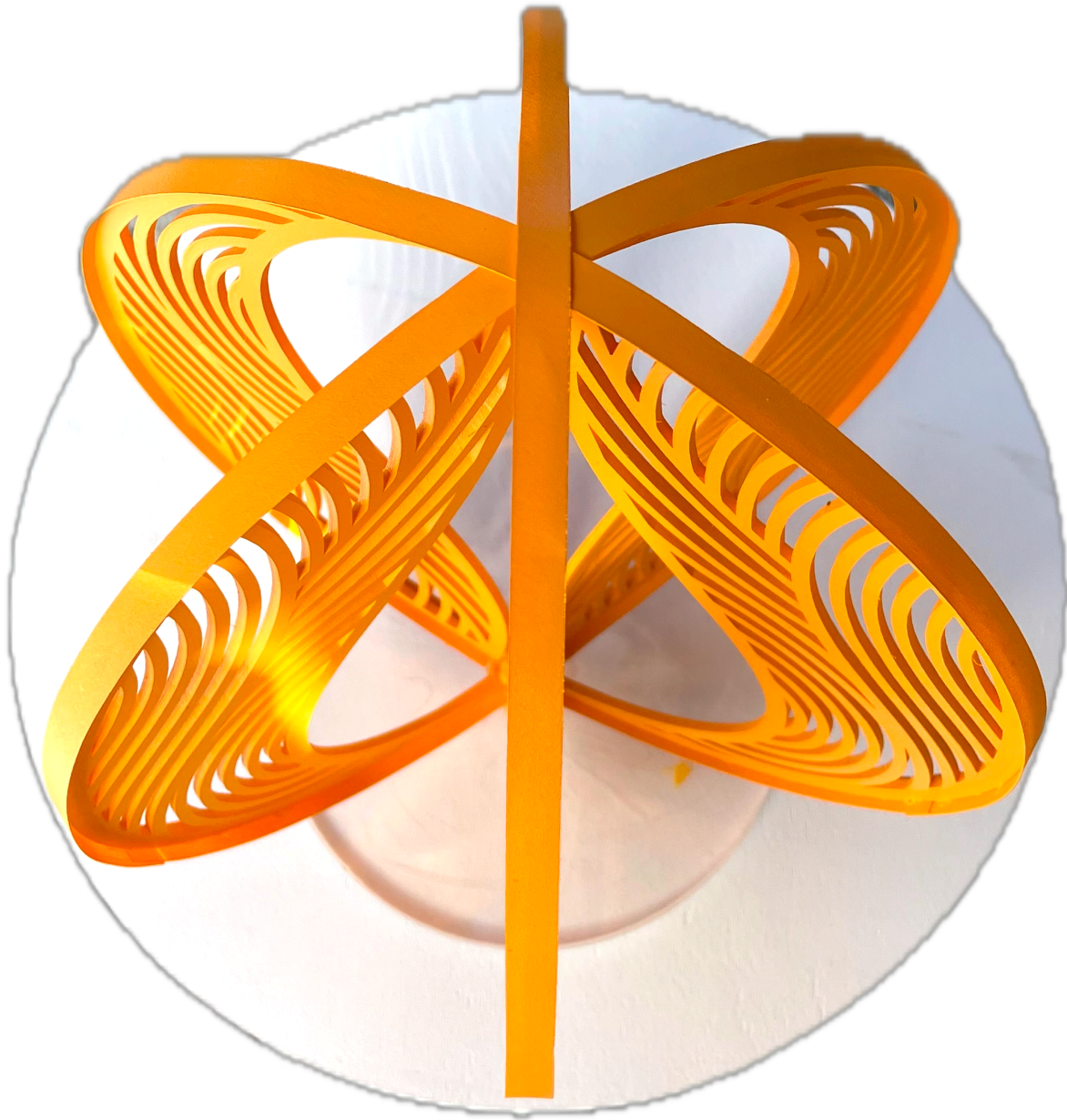
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SCALE & DIMENSIONS

