

# Clearwater Beach Marina Sculpture Proposal

## Concept 2: "*Radiance*"

### Cecilia Lueza Art Projects

#### INSPIRATION

*Radiance* is a dynamic, free standing sculpture inspired by the brightness and beauty of the waterfront environment. The shape of the sculpture resembles a bird's wing and its purpose is to convey the concepts of freedom and movement.

Painted a bright shade of white the artwork evokes positive energy while engaging the public and providing a unique landmark for the marina.

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. It will be 13 feet tall with a diameter of 4.4' feet at its widest points.

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.

All edges will be sanded 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

Width: 4.4 feet

Depth: 5 feet

## **PROPOSED FOUNDATION**

Rebar reinforced cast in place 3,500 psi poured concrete with dimensions of 3 feet in diameter by 2 feet high above grade. We will supply engineered drawings for permitting.

## **MOUNTING**

Engineered reinforced concrete foundation/pedestal cast in place.

Threaded bolts drilled and anchored Using world renowned Hilti HIT epoxy.

## **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.

## **INSTALLATION**

Using a small crane the sculpture will be lowered into it's resting location after the main attachment cleat is installed using HILTI "HIT" Epoxy.

## **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

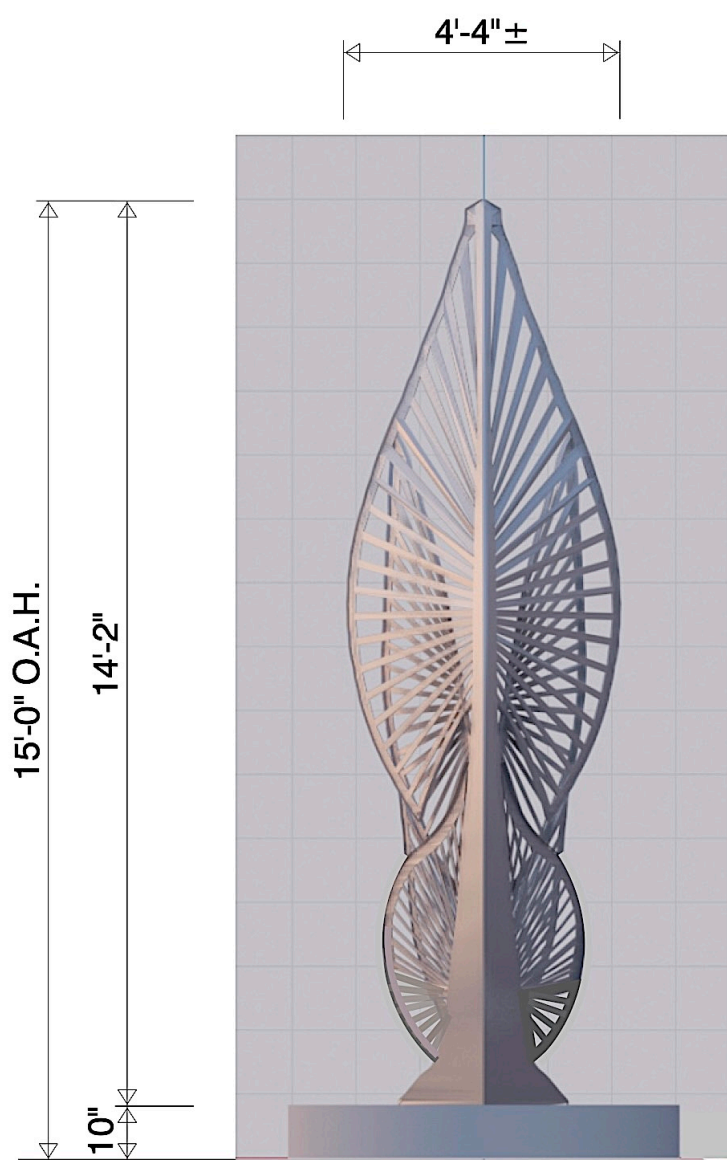
Project documentation \$500

Artist fee \$15,700

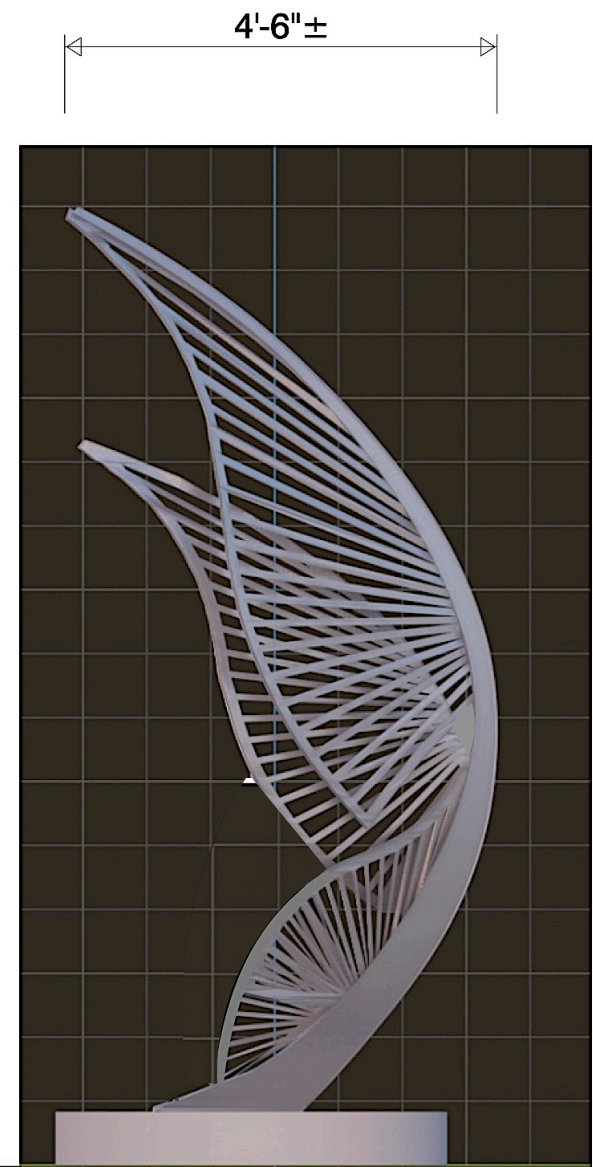
TOTAL \$75,000





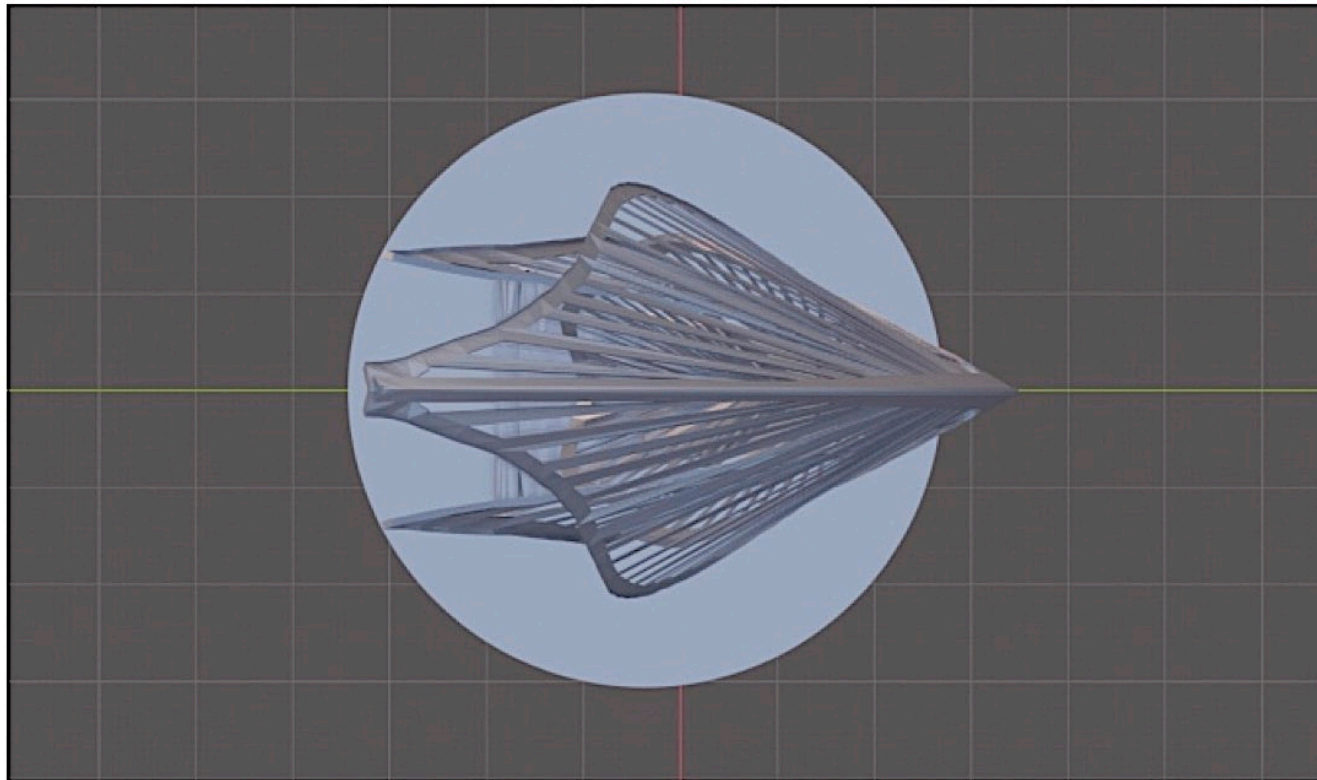


**FRONT ELEVATION :** Scale 1/4" = 1'-0"



**SIDE VIEW :** Scale 1/4" = 1'-0"





**PLAN VIEW :** Scale 1/4" = 1'-0"





