

# **Clearwater Beach Marina Sculpture Proposal**

## **Concept 1: "*Mystic Blue*"**

### **Cecilia Lueza Art Projects**

#### **INSPIRATION**

For the Clearwater Beach Marina we propose "*Mystic Blue*", a free standing sculpture inspired by the waters of the Gulf of Mexico and its captivating beauty.

The conic-shaped aluminum sculpture is composed of multiple pieces that resemble the shape of waves or water in motion. Painted in a smooth blending of bright shades of blue and aquamarine, the artwork captures the movement and colors of open water.

The sculpture's shadows will create ever changing patterns throughout the day marking the passage of time along with adding a dynamic 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 would be made out of water jet cut .375 aircraft grade T 6061 aluminum. The inverted cone would be 12 feet tall and would sit on a three foot tall round concrete pedestal provided by others. The main body of the sculpture would be

comprised of a series of four interconnecting horizontal rings where the individual vertical wave pieces would then be welded onto.

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. In the presentation illustration they may appear to be sharp but they would in fact be cut out with rounded inert edges.

The sculpture would be finished in Tnemec paint assuring decades of maintenance free exposure to the most extreme elements.

## **FINISHES**

All of the sculptures' components will be finished using an industrial grade, extremely durable UV and salt vapor resistant Tnemec paint. It is maintenance free and will last for decades. (Tnemec is the product that the Sunshine Skyway Bridge's support cables just received in their recent overhaul)

## **DIMENSIONS**

Height: 13 feet

Width at top : 6 feet

Width at bottom : 2 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.

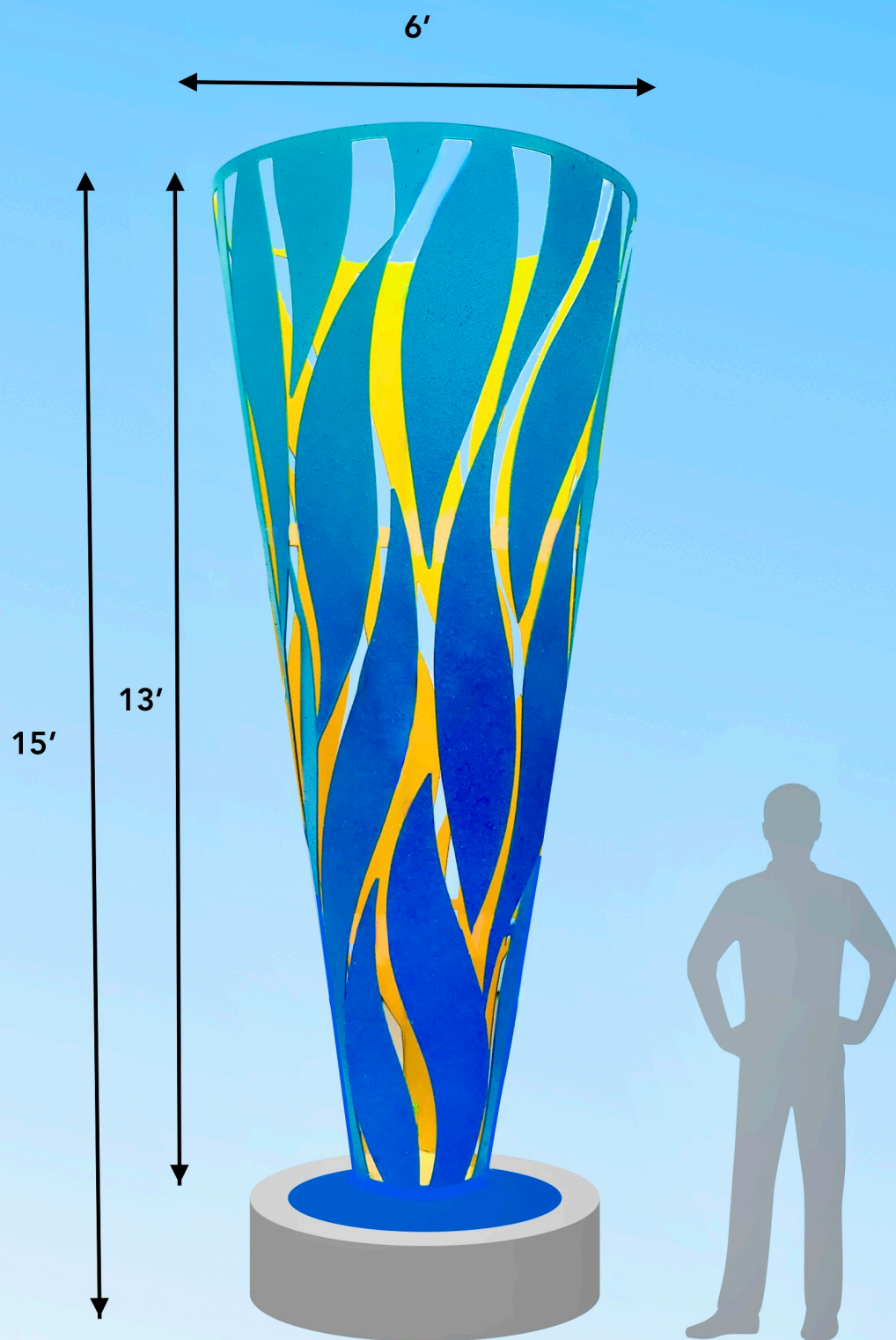
## **TIMELINE**

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

# SCALE



## STRUCTURE & FINISHES

