

# **BCH**

## **MECHANICAL, INC.**

### **FLORIDA AQUARIUM**

#### **PROJECT DESCRIPTION**

Florida is home to fragile aquatic habitats and an enormous variety of life within it. The 152,000 square foot Florida Aquarium is anything but a fish tank. This multi-purpose facility on the Garrison Channel in downtown Tampa, The Aquarium holds 1.1 million gallons of water, 900,000 gallons of which is salt water. The piping/plumbing system for the facility is pumped through an intricate piping network.

The mechanical system is an elaborate chilled water system, predominately exposed, with extensive piping and ductwork, some disguised as tree trunks, which were installed to be aesthetically pleasing to the visiting public.

The mechanical systems are controlled by a state-of-the-art digital control system, which controls all of the environments for the individual Florida wetland areas.

The systems are all designed with hangers and supports made of 316 stainless steel to prevent saltwater intrusion from the various exhibits.

BCH Mechanical was selected from a national list of prestigious subcontractors based on our ability to perform complicated piping, plumbing and life support systems, BCH also took a conceptual design and engineered the systems at the site based on field conditions.



#### **PROJECT TEAM**

##### **General Contractor**

Turner/Kajima Construction

##### **Architect**

HOK, Inc.

##### **Engineer**

Syska and Hennessy,

##### **Mechanical Contractor**

BCH Mechanical, Inc.

##### **OWNER**

The Florida Aquarium, Inc.

**CONSTRUCTION COST:** \$6,000,000

