Fort Lauderdale is renowned as a long standing leader among aquatic destinations. Since opening the first Olympic size swimming pool in the State of Florida in 1928, then the swimming Hall of Fame in 1965, Fort Lauderdale is the proud home of the first precast concrete dive tower in the world that combines springboard, platform and high diving.

The inspiration for the tower’s design reflects Fort Lauderdale’s rich history as the Venice of America and the Bahia Mar Yacht Basin with its flared platforms that resembles a ship’s hull. This spectacular 27-meter dive tower includes nine platform levels and is designed to accommodate up to twelve springboard.

- High Diving Platforms 15M, 20M, 24M, 27M
- Diving Platforms 1M, 3M, 5M, 7.5M, 10M
- Springboards 1M (6 max); 3M (6 max)
- Pool Gallons of Water 926,578
- Pool Depth 6.096-meters
- Pool Size 25-meters x 25-yards
- Steps of the Top 162
- Platform Surface Material Rough-Tex
- Air Sparger Pulsair – 3M, 5M, 7.5M
- Banner Anchors 8
- Electrical Outlets 5
- Hose Bibb Connections 8
- Lightning Prediction System Bonded Lighting Protection Systems
- Pool Chemical Disinfection Chlorine Generator; Calcium Hypochlorite
- Pool Filtration Regenerative Media Filters
- Pool Heating/Cooling Geothermal
- Sports Lighting Musco
- Timing/Scoring System Omega Swiss Timing
- Wind Gauge
A team of specialists with air traffic control tower experience was assembled by Hensel Phelps Construction Company to design the tower that includes 360 cubic yards of concrete, 160,000 lbs of reinforcing steel and weighing in at 1.7 million pounds. The foundation is 5-feet deep and 53-feet wide. 35 auger cast piles support the dive tower foundation, each at a depth of 60-feet. 70 auger-cast piles support the dive pool. Each section traveled by ground from the Gate Precast manufacturing plant in Kissimmee to Fort Lauderdale.

- Cubic Yards of Concrete: 360 CY
- Reinforcing Steel: 160,000 lbs
- Concrete: 1,440,000 lbs
- Other Materials: 160,000 lbs
- Total Estimated Weight: 1,760,000 lbs
- Pre-Cast Concrete Sections: 96
- Lighting Protection Air Terminals: 3
- Fall Protection Tie Off Anchors: 13
- Railings: Clear Anodized Aluminum
- LED lighting: 10 LDI Fixtures
- Construction: Concrete w/ Steel Reinforcement
- Reinforcing Steel: Grade 60, Nucor Steel Birmingham Inc., Birmingham, AL
- #78 Arrowood (Diorite): Charleston, NC
- 3/8” Limestone: Miami, FL
- Black Grit: River Valley, Ontario
- Aggregate Rock: 3/8”

Owner/Operator: City of Fort Lauderdale
Lead Design-Builder: Hensel Phelps
Aquatics Designer: Counsilman-Husaker
Aquatic Sub-Contractor: Weller Pools
Architect: Cartaya & Associates
Civil & Landscape Designer: Keith & Associates
Electrical: HyPower Inc.
Geotechnical Engineer: Langan
M.E.P.S.: WSP
Precast Construction: Gate Precast
Structural Precast EOR: Econstruct
Precast Erector: Southeast Precast Erectors
Plumbing: Right Way Plumbing Company