



**Pickett, Kelm & Associates, Inc.**  
Consulting Structural Engineers

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## Sail & Ski Store

**PROJECT TYPE:** COMMERCIAL, RETAIL  
**PROJECT LOCATION:** AUSTIN, TEXAS  
**PROJECT OWNER:** SAIL & SKI  
**GENERAL CONTRACTOR:** RIZZO CONSTRUCTION  
**PROJECT COMPLETED:** 1997

### PROJECT DESCRIPTION:

The Sail & Ski facility project included an 18,000 square foot showroom, a 10,000 square foot repair and service center and a 6500 square foot office and storage mezzanine within the showroom building. The building foundations consist of a slab-on-grade with perimeter grade beams and drilled piers to rock. The superstructures consist of pre-engineered metal building framing. The mezzanine floor consists of a concrete slab over castellated steel beams framed to steel girders. Tube steel columns support the outside corners of the irregular-shaped mezzanine structure.

PKA also developed the design for a boat test tank for the facility. The test tank was designed to provide a smooth flow of water around the tank to prevent cavitation of the boat propellers under full-throttle testing, and to prevent excessive loss or spray of water from the tank.

The project was delivered on a design-build basis.

