



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

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## Barclay Drive Pump Station

**PROJECT LOCATION:**  
AUSTIN, TEXAS

**PROJECT OWNER:**  
CITY OF AUSTIN

**PROJECT DESIGN COMPLETED:** 2002

**CONSTRUCTION COST:**  
\$2,500,000 (ESTIMATE)

**PROJECT DESCRIPTION:**



Pickett, Kelm & Associates, Inc. prepared the drawings and specifications for the structure, enclosure, accessories, and finishes for this 2,000 square foot facility in Austin, Texas.

The foundation consists of a slab-on-grade with perimeter grade beams and trench structures, supported by drilled piers bearing on limestone. Removable grating trench covers inside the building provide access to recessed piping.

The superstructure consists of a pre-engineered metal building with a 1½-ton overhead crane. Portal frames and reinforced concrete masonry back-up walls provide lateral bracing. Lean-to frames were provided at the diesel generator room. The building envelope consists of a split-face concrete masonry facade with decorative banding and glass block windows. A sloping prefinished insulated metal panel roof was provided. Special provisions were made in the design to meet strict neighborhood criteria for noise and aesthetics. The project includes a 400,000 gallon prestressed concrete tank designed to match the building architecture.