



Pickett, Kelm & Associates, Inc.
Consulting Structural Engineers

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Howard Lane Pump Station

PROJECT LOCATION:
AUSTIN, TEXAS

PROJECT OWNER:
CITY OF AUSTIN

GENERAL CONTRACTOR:
MARTIN K. EBY CONSTRUCTION

PROJECT COMPLETED:
2001

CONSTRUCTION COST:
\$9,325,000

PROJECT DESCRIPTION:

Pickett, Kelm & Associates, Inc. prepared the drawings and specifications for the structure, enclosure, accessories, and finishes of this 24,350 square foot facility, in Austin, Texas. The pump station was built with a pumping capacity of 75,000 GPM with provisions for expansion to 100,000 GPM.



The project consists of a lower level pipe gallery and a main level operating floor. The full basement at the lower level consists of a concrete slab-on-grade with perimeter concrete retaining walls. Two exit stairways to the main level and access directly from the outside are provided from the basement. The main level operating floor consists of a beam-supported two-way slab system. The main level houses the pumps, piping, electrical and instrumentation equipment, piping controls, restroom, storage room and a 15 ton overhead crane. The pre-engineered metal building superstructure consists of rigid frames in the interior bay with lean-to frames at the outside bays. Portal frames and reinforced concrete masonry walls provide lateral bracing. The building enclosure consists of a decorative CMU facade with clerestory windows and a prefinished insulated metal panel roof.

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