



Pickett, Kelm & Associates, Inc.
Consulting Structural Engineers

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PROJECT LOCATION:
WEST LAKE HILLS, TEXAS

PROJECT OWNER:
AMERICAN BANK

DESIGN ARCHITECT:
JIM THOMPSON

PROJECT ARCHITECT:
GRABER, SIMMONS & COWAN

GENERAL CONTRACTOR:
ZAPALAC/ REED CONSTRUCTION

COMPLETED: 2009

CONSTRUCTION COST:
TBD

Westlake Office/Retail Building



PROJECT DESCRIPTION:

Pickett, Kelm & Associates provided structural engineering services for this office/ retail complex at the northeast corner of Bee Cave Road and Westbrook Drive in West Lake Hills, Texas. The project consists of a 2-story, 20,000 square foot office/ retail building over a 22,000 square foot, 53-car basement level parking garage.

Due to the parking and building set back requirements, the footprint of the garage and building are skewed and irregular in shape. Structured surface parking, with firetruck access, was provided along the front of the building. Drive-through lanes with a covered canopy for bank tellers are provided at the rear of the building.



The building superstructure is steel-framed with open-web bar joists at the roof and a concrete slab over composite steel beams and girders at the floors. Exposed sloping steel tube columns support the structured second level walkway and cantilevered roof. Lateral resistance to wind loads is provided by moment frames. The foundation consists of perimeter concrete basement walls on grade beams founded in limestone. Straight-sided drilled shafts support interior column loads.

The building cladding consists of steel studs with a combination of chopped native limestone veneer and stucco, aluminum storefronts and wood plank soffits.