



Pickett, Kelm & Associates, Inc.
Consulting Structural Engineers

0739.doc



Office Building at 5th and Bowie

PROJECT TYPE:
COMMERCIAL, OFFICE

PROJECT LOCATION:
AUSTIN, TEXAS

ARCHITECT:
GRAEBER, SIMMONS & COWAN
ARCHITECTS

GENERAL CONTRACTOR:
AMERICAN CONSTRUCTORS, INC.

PROJECT COMPLETED:
2000

PROJECT DESCRIPTION:

Pickett, Kelm & Associates, Inc. provided structural engineering design of this three-story, 22,900 square foot office building for Graeber, Simmons & Cowan in Austin, Texas.

The building structural system consists of a composite floor slab supported with steel beams, girders and columns. The roof system consists of a ballasted single-ply membrane supported by steel joists and steel girders. Cantilevered joist top chords extend beyond the face of the building to support the high canopy. The lateral framing consists of braced frames and masonry shear walls. Concrete tilt-up panels, used as a feature along one face of the building, support two floor levels and steel columns that extend vertically between windows to support the roof.

The foundation consists of a slab-on-grade with perimeter grade beams supported by drilled piers.