



Pickett, Kelm & Associates, Inc.
Consulting Structural Engineers

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PROJECT LOCATION:

ROUND ROCK, TEXAS

ARCHITECT:

SPENCER GODFREY ARCHITECTS

OWNER:

CITY OF ROUND ROCK

GENERAL CONTRACTOR:

C. P. SNIDER CONSTRUCTION

PROJECT COMPLETED: 2005

CONSTRUCTION COST:

\$5,800,000



Round Rock Baca Center

PROJECT DESCRIPTION:

Pickett, Kelm & Associates, Inc. provided structural engineering design services for this single story 31,500 square foot building over a two-level, below grade parking garage. The senior citizens center includes a commercial kitchen, warming kitchen, lunch room, large meeting room, two smaller meeting rooms, a computer lab, rooms for arts and crafts, aerobics and exercise, a game room, a television room, restrooms, office and administration area, a large reception lobby, miscellaneous storage and support areas and a partially covered, open-air plaza. A service area, capable of supporting truck traffic, is provided at the rear of the building over one corner of the parking garage.



The 69,200 square foot garage provides parking for 136 vehicles. The garage was designed to accommodate a future underground expansion to the southeast.

The roof system consists of a flat modified bitumen membrane supported by steel deck, steel joists, beams and columns. Lateral stability is provided by braced frames above the building floor level. The structured floors of the senior

center and the parking garage consist of mildly reinforced concrete beam and pan joist systems supported by concrete columns. Foundations consist of straight sided drilled shafts founded in gray limestone. An exterior partially covered plaza, with arched openings at its perimeter, is provided at one end of the facility.

Exterior cladding consists of primarily of limestone masonry and glazing.

The project contractor was selected on a bid/qualifications basis.

