



Pickett, Kelm & Associates, Inc.
Consulting Structural Engineers

Santa Cruz Catholic Church Sanctuary

PROJECT LOCATION:
BUDA, TEXAS

PROJECT OWNER:
SANTA CRUZ
CATHOLIC CHURCH

ARCHITECT:
SPENCER GODFREY
ARCHITECTS

GENERAL CONTRACTOR:
RIZZO CONSTRUCTION

PROJECT COMPLETED:
2001

CONSTRUCTION COST:
\$2,300,000



PROJECT DESCRIPTION:

Pickett, Kelm & Associates, Inc. provided structural design services for this one-story, 11,500 square foot new sanctuary building for the Santa Cruz Catholic Church in Buda, Texas.

The superstructure consists of a combination of structural steel and timber. The roof consists of 2x10 wood rafters spanning to steel and glu-lam beams supported on interior steel columns and perimeter load-bearing metal stud walls. Two 80 foot-long steel trusses support the roof along the center of the sanctuary, and frame the arched light well in the ceiling. The foundation system consists of straight drilled shafts founded in rock with perimeter grade beams and an interior slab-on-grade.

Exterior cladding consists of native stone and stucco veneer with a clay tile roof.

