



**Pickett, Kelm & Associates, Inc.**  
Consulting Structural Engineers

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# St. Michael's Catholic Academy Campus Center

**PROJECT LOCATION:**  
AUSTIN, TEXAS

**PROJECT OWNER:**  
ST. MICHAEL'S ACADEMY

**ARCHITECT:**  
GRAEBER SIMMONS & COWAN

**GENERAL CONTRACTOR:**  
RIZZO CONSTRUCTION

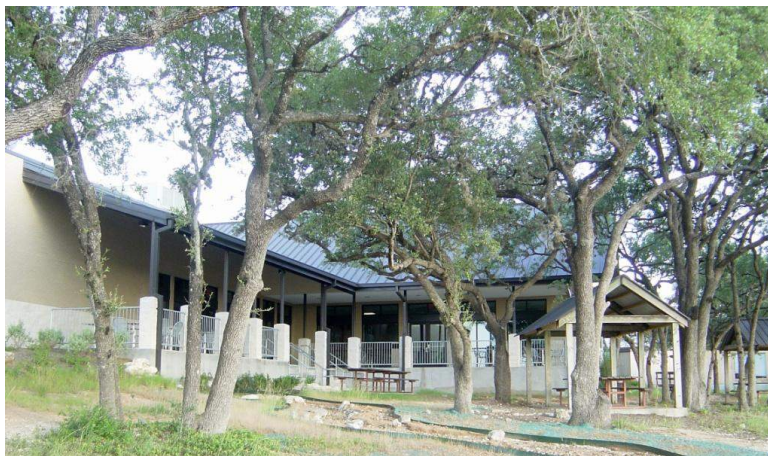
**PROJECT COMPLETED:**  
2008

**CONSTRUCTION COST:**  
\$6.8 MILLION (FURNISHED)

**PROJECT DESCRIPTION:**



Pickett, Kelm & Associates, Inc. provided structural engineering design of this two-story, 26,500 square foot multi-purpose building on the St. Michael's Catholic Academy campus in Austin, Texas. The project includes a 359-seat auditorium, fine arts rehearsal space, classrooms, a large dining area, kitchen, a shop, and restrooms. A partial 2nd floor includes lighting and control booths, storage & mechanical areas. A covered outdoor terrace and covered walkways extend along three sides of the building.



A previously constructed pre-engineered metal building, serving as a gymnasium, was removed at the building site, and the existing foundations were reused to the extent practical. The foundation system consists of a concrete slab-on-grade with perimeter grade beams and column loads supported on drilled piers founded in rock. Stadium seating in the auditorium consists of light-gage stud framing with metal decking and concrete infill.

The building roof is supported by steel beams and open-web bar joists with a metal deck. At the auditorium, long-span gabled joists were utilized to provide a 71' clear width. Additional framing was provided over the stage to suspend motorized stage track supports. A rooftop equipment area was provided at the flat roof over the kitchen and serving area.



The project was delivered on a design-build basis.