



ARCHITECTURAL ENGINEERING

**Walnut Church of Christ
Texarkana, Texas**

Architect:	Hallum Architects, Inc.
Completion Date:	2004
Building Use:	Religious Facilities
Building Size:	43,000 sf
Construction Cost:	\$3,500,000

Project Description: Walnut Church of Christ is a religious institution and consists of a main auditorium with seating for 800, chapel, classrooms and administration offices.

Project Construction: The structural system is constructed using conventional structural steel framing. A mechanical platform area was created using a composite slab construction to minimize dynamic vibration and sound. The lateral load resisting systems are composed of vertically braced and rigid frames. Long clear span conditions are accomplished utilizing structural steel trusses and open web steel joists. The foundation system consists of a slab on grade and isolated and continuous footings.