



- Architect:** DMS Architects, Inc.
- Completion Date:** 2002
- Building Use:** Athletic Facility
- Building Size:** 43,500 sf
- Construction Cost:** \$11,000,000

Project Description: The Lake Dallas Athletic Complex consists of a campus of six buildings plus athletic fields and grandstands. Facilities include home and visitor concession buildings, baseball concessions building, field house building containing locker rooms and gymnasium, two-story football press box building with elevator, ticket booth buildings, base ball dugouts and equipment storage buildings, numerous segmental retaining walls and a foundation system for a pre-engineered bleacher system.

The construction consists of primarily load bearing concrete masonry with brick veneer. A combination of concrete masonry shear walls and steel bracing is employed as the lateral bracing system for the buildings. The foundation consists of both slab on grade foundations with spread footings and drilled piers. A unique feature includes barrel vaulted roofs that are accomplished with the use of arched steel joists. The football field is built into the side of a hill requiring the construction of a 20-foot high segmental retaining wall. This wall curved to follow the end zone profile of the field.