

Facts & Figures

Owner: Frisco Independent School District

Type of Project: A new high school

Size: 336,956 square feet

Cost: Approximately \$50.6 million

Construction Time: August 2005 - June 2007

The Need: A new high school for Frisco Independent School District

The Challenge: Working around a protected wetlands area



SHW Group, Inc.
Architect

Charter Builders, LTD.
Construction Manager

Century Mechanical Contractors Inc.
Mechanical (HVAC & Plumbing)

Master Audio Visuals, Inc.
Audiovisual

Sturdisteel Company
Bleachers & Grandstands

Supreme Roofing Systems
Roofing Contractors



Photos courtesy of Mark Trew

Frisco, Texas

Liberty High School

Liberty High School is the fourth high school for the Frisco Independent School District and was built to relieve growth on the east side of the district. The project includes a new main academic building, an outdoor athletics building, and a concession and restroom building for field sports venues.

The project uses geothermal heating and cooling for cost-efficient and environmentally friendly temperature control. The facility is designed around a “neighborhood school concept,” which involves a smaller number of students per class and a wide variety of elective classes.

When the project team began working on the football field and track, they encountered a protected wetlands area. “From day one we started coordination with our civil engineering consultant and the Corps of Engineers to figure out what steps needed to take place to free the land for construction,” said Kristie Hester, marketing coordinator for Charter Builders, LTD., the project’s construction manager.

A field specialist came to survey the land and set requirements for certain areas, including a “no mow” area and provision of bird houses. When the requirements were met, the construction on the track began. “The competition field and track were quickly completed and made ready for the upcoming year,” Hester said.

Liberty High School provides a flexible learning environment and an environmentally conscious design that will benefit students for years to come. ■

— Mella Barnes