

BHB LEED PROJECTS

Texas Christian University Scharbauer Hall, Fort Worth, TX

MEP engineering design services for the new Scharbauer Hall, a four story, \$32 million building that will include classrooms and offices on the Texas Christian University Campus. This building was designed to achieve a LEED Silver Rating.

Architect: Hahnfeld, Hoffer, Stanford



Durant Toyota LEED Study, Granbury, TX

LEED study for the design of a 27,000 sf new car dealership.

Architect: Tom Malone Architects



Sherwin Williams Retail Store, Sasche, TX

MEP engineering services for the design of a 5,000 sf Sherwin Williams Retail Store utilizing three high efficiency packaged rooftop units and low flow plumbing fixtures. The building was designed to achieve LEED Silver certification.

Architect: Quorum Architecture



Tarrant County Southeast Sub-Courthouse, Arlington, TX

MEP engineering services for the three-story, \$10 million Tarrant County Southeast-Sub Courthouse that includes a satellite courtroom and associated support areas; a community meeting room and administrative offices. The building was designed to achieve LEED Silver certification. The implementation of sustainable design on this project reduced the annual energy consumption by 38.6%, resulting in an annual cost savings to the Owner of 21.8% on energy bills.

Architect: LBL Architects

Miller Company New Corporate Office & Warehouse, Grapevine, TX

Survey and Site/Civil engineering services for a 1.4 acre parcel to house a new corporate office & warehouse for the Miller Company. Since this property fronts a state highway, a TxDOT driveway and storm drain permit was required. This project is being designed to achieve LEED certification. Survey services included boundary and topographic surveys along with preparation, submission and processing of the one lot plat. Engineering services included a drainage analysis and plans for site development, paving and dimension, traffic control, grading / drainage, erosion control and utility (water & sewer). Details included site and paving along with utility and other miscellaneous details.

Client Confidential – Major International Coffee Retailer, Austin, TX

MEP engineering services for the tenant improvement of an existing 1,441 sf shell space. The design goal for the project was to achieve a LEED certified rating. The mechanical design included high-efficiency, 2-stage, roof top units that provided improved humidity control in addition to energy savings. The mechanical controls included outside air and carbon dioxide sensors. Low water consumption plumbing fixtures were provided to reduce overall water use by 30 percent. The lighting system included a low-voltage relay system and daylight harvesting controls. The user desired to keep the flexibility of their prototype track lighting concept. A current limiting panel was incorporated into the design to allow the use of track lighting while limiting its power consumption to the number of heads needed to illuminate art work and retail displays.

Architect: CM Architecture

Grand Prairie Fire Rescue Station, Grand Prairie, TX

Site/Civil and MEP engineering services for the design of a new 20,780 sf facility to house an 11,180 sf fire station, a 1,450 sf police department, a 6,600 sf lake parks administration building and a 1,550 sf lake parks service bay building on approximately 4.3 acres. The building was designed to achieve LEED Silver certification.

Architect: Komatsu Architecture