IAN BOST, P.E., LEED AP
ASSOCIATE
MECHANICAL ENGINEER

## PROJECT EXPERIENCE

Indefinite Delivery Contract - Lockheed Martin Missiles and Fire Control/Dallas, Grand Prairie, TX – Project Manager and lead mechanical engineer for a multi-M dollar, on-going, indefinite delivery contract requiring quick response time for multiple, concurrent delivery orders. Services have ranged from various office rearrangements to multiple chiller replacements to a new explosion proof hazardous waste processing building.

Scharbauer Hall - TX Christian University, Fort Worth, TX – Lead mechanical design engineer for the $32 M new design of Scharbauer Hall, a four story building that will include classrooms on the first and second floors (4 at 750 SF, 4 at 1,500 SF, 1 at 3,000 SF) and offices on the third and fourth floors for multiple departments. This building is being designed to achieve a LEED Silver Rating.

New North Campus, University of North TX, Denton, TX - Lead mechanical design engineer for the project that provided HVAC and Plumbing design for the renovation of a 580,000 SF industrial manufacturing building to serve as a North Campus for UNT.

North TX Medical Center, Gainesville, TX - Plumbing design engineer for the project that provided Medical Gas and HVAC design for an approximately 128,000 SF, $18 M new hospital. The new facility is intended to replace the existing hospital that currently serves the City of Gainesville and the surrounding areas. The hospital design included the following: five Operating Rooms, two Endoscopy Rooms, Fast Track Trauma center, Radiology Department, L.D.R. Wing with a Nursery, 42 Patient Rooms, six I.C.U. Rooms and 95 beds.

Tarrant County Courthouse Domestic Water Booster Pump, Fort Worth, TX - Lead plumbing design engineer for the project that provided the design of a new domestic water booster pump for the Tarrant County Courthouse. Existing flush valves were not working on the upper floors. Multiple pumps with Variable Frequency Drives (VFD) to maintain constant pressure in the system.

YMCA New Building Design, Northpark, TX – Lead mechanical design engineer for the project that provided the HVAC & Plumbing design for the new 24,000 SF YMCA Northpark facility which included constant volume gas rooftop units and two boilers to service 16 showers, industrial laundry equipment and an outdoor shower. We also provided utilities to the outdoor pool as well as utility provisions for a future indoor pool and gym. The mechanical systems for this project were designed using the REVIT MEP system.

Arlington Presbyterian Church, Arlington, TX – Mechanical design engineer for the design of a new 11,000 SF church. The project was on a new site and provisions for future buildings were provided. The church contained new offices for the pastor and assistant pastors as well a nursery. The HVAC System consisted of five new split systems with gas duct heaters for heating. The ductwork for the Sanctuary was all routed down the center and hidden above ceiling clouds. All of the fire protection piping in the Sanctuary was exposed and the routing was carefully coordinated with the Architect.

Experience:
Baird, Hampton & Brown, Inc.: 2001
Years Prior Experience: 0

Education:
Texas Tech University / Bachelor of Science / 2000 / Mechanical Engineering with a Minor in Mathematics

Registration:
2005 / TX / Mechanical Engineer / 96649

Professional Organizations:
ASHRAE / 2003 - Present / Chapter Officer

Bio:
As Project Manager and Lead Mechanical Design Engineer, Mr. Bost has provided complete HVAC, Plumbing and Medical Gas designs for new or renovations to existing facilities. He has led the mechanical and plumbing design of educational facilities (lower & higher ed), medical facilities, churches, courthouses, YMCA's and industrial, commercial, and retail facilities. He is currently the lead mechanical design engineer working with the Architect of Record on the Scharbauer Hall - TX Christian University in Fort Worth, which is being designed to achieve a LEED Silver rating. Mr. Bost performs site investigations to confirm the existing project conditions and to verify that the project is built per the Contract Documents. Mr. Bost is also skilled in the REVIT 3D Modeling System.