
Qualifications

Thomas P. Otten, P.E. Mechanical Engineer



Education

Bachelor of Science
Mechanical Engineering,
University of Texas at
San Antonio, 1995

Professional Licenses

Texas - 91932

Years of Experience

18 years

Memberships & Affiliations

ASHRAE, 5 years

Mr. Otten's experience encompasses a wide range of mechanical, plumbing and electrical systems covering some 18 years. His experience in large scale systems design for military hospitals, military outpatient facilities, and non-military health care facilities is an asset to all types of projects. His experience includes pre-design concept studies, analysis and design of HVAC systems, mechanical piping, medical gas system sizing, building loads and energy analysis, plumbing calculations, electrical calculations, short-circuit coordination studies, and cost estimation. Mr. Otten has a strong proficiency in parametric BIM systems and software integration having developed BIM database systems comprising error checking, modeling interfaces, sizing protocols, acoustic calculation, duct sizing modules and more. Mr. Otten is a senior level designer and performs as design lead and BIM manager.

Project Experience

Medical Education and Training Campus (METC), Ft. Sam Houston, San Antonio, Texas

Fort Sam Houston Building 2791 Design Build

Mercy Regional Medical Center, Laredo, Texas

Basset Army Community Hospital, Fort Wainwright, Alaska
Replacement Hospital with 22 Surgical Beds and 24 Recovery beds

Ft. Hood - Women's Health, Ft. Hood, Texas

Consolidated Troop Medical/Dental Clinic, Fort Campbell, Kentucky

Blood Donor Center, Lackland AFB, San Antonio, Texas

University Health System, San Antonio, Texas

Womack Army Medical Center – Ft. Bragg, NC
Emergency Department Renovations
Primary Care Clinics
Medical Records
Post Partum Nursing

Ireland Army Community Hospital, Fort Knox, KY

South Texas Methodist Hospital, San Antonio Texas

South Texas Methodist Children's Hospital, San Antonio, Texas

Veterans Administration Medical Center :
Building Renovation and New 2700 ton Chiller Plant, Waco, Texas
