



KEN RANDALL, P.E., LEED AP
PRINCIPAL
SENIOR ELECTRICAL ENGINEER

PROJECT EXPERIENCE

Scharbauer Hall - TX Christian University, Fort Worth, TX – Lead electrical 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.

Rail Market – University of TX at Arlington, Arlington, TX – Project Manager and Lead electrical design engineer for the construction of an adult MBA satellite campus in downtown Fort Worth. The building selected for this project was the original Santa Fe Railroad freight warehouse.

Irving City Hall, City of Irving, TX–

Veterans Affairs Medical Center Geropsychiatry Addition, Dallas, TX - Lead electrical design engineer providing electrical systems design for the new 34,100 SF, third-story addition to the existing VA Medical Center hospital wing for two new geropsychiatry units. The mechanical, plumbing and electrical systems were designed to accommodate future expansion. The electrical design also included extension of the existing lightning protection, nurse call, access control and fire alarm systems to serve the new area.

Doss Heritage and Culture Center – Weatherford, TX - Lead electrical design engineer to support the construction of the 21,000 SF Doss Heritage and Culture Center of Parker County encompassing three exhibit halls, a catering kitchen and a large area for public gatherings.

1895 Tarrant County Courthouse, Fort Worth, TX - Project Manager and lead electrical design engineer for the complete MEP engineering design services for miscellaneous renovation projects serving the 1895 Tarrant County Courthouse, one of the first structural steel framed buildings built in the Southwestern United States.

1st Presbyterian Church – Fort Worth, TX - lead electrical design engineer for phase 1 of a new 85,000 SF church facility. This phase includes a fellowship hall, (2) two story education wings, administration wing and full kitchen.

D/FW Airport, TX - Provided engineering project management and electrical design for DFW projects to include: Lightning Detection System, Replace Air Compressor at Central Utilities Plant, Terminal B (2W) Training/Support Relocation, American Airlines Terminal 3E Flight Area Relocation/Renovation, American Airlines Terminal 4E Renovation, American Airlines Consumer Technology Showroom, Terminal 2W Training/Support Relocation, American Eagle - Simmons Hangar Heating Renovation, Revolving Door Replacement - Terminals 2E and 3E, Priority Parcel Renovation - American Airlines - Terminal 3E, Terminal 3E Connector Building - Lighting Re-design, American Airlines/Wings West Flight Ops Renovation, American Eagle Training Room, American Airlines Hangar One ISI Relocation.

Experience:

Baird, Hampton & Brown, Inc.:1995
Years Prior Experience: 13

Education:

The University of Texas at Arlington:
B.S./1998/Electrical Engineering
San Diego State University & San
Diego Community College: 1981-
1993/Mathematics

Registration:

Professional Engineer: 1999 / TX /
Electrical Engineering / 84937
Also registered in: AZ, AR, CA, CO,
FL, GA, KS, KY, LA, MO, NC, NE,
NM, NV, OK, TN, WV, NCEES

Bio:

Ken Randall is highly experienced in electrical engineering evaluations, design and system upgrades. He has been responsible for all aspects of project development, from feasibility studies through design phases and construction administration. He has prepared technical calculations, specifications, and cost-benefit analyses for repair and replacement alternatives.

Project sizes have ranged from small remodels, to new 1,000,000 SF buildings, including an electrical study of an existing six-floor hospital to identify deficiencies in the existing electrical distribution system and offer solutions to correct the deficiencies discovered. The resulting design work included replacing three automatic transfer switches with six new transfer switches, including bypass isolation capability; providing emergency power to three of six passenger elevators; and changing the source of power to numerous branch circuit loads.

Ken enjoys volunteering his time on the Board of Directors for the Ryan Family YMCA.