Landon Lewis, P.E. | Senior Engineer

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Professional Summary:

Mr. Lewis has worked in Structural Engineering Design, Commercial and Residential Roofing, and General Contracting. He has experience in a broad background of structural engineering design as well as a broad background of commercial and residential roofing types. While working in General Contracting, Mr. Lewis gained expertise in building envelope systems, weather resistive barriers, and a broad understanding of building systems. Mr. Lewis's expertise includes the following:

- Structural Steel Design
- Reinforced Concrete Design
- Masonry Design
- Timber Design
- Geotechnical Analysis
- Commercial Roofing (TPO, Built Up, Modified Bit, Metal, Spray Foam, Clay Tile)
- Residential Roofing
- Project Management
- Building Envelope Systems

Licenses and Certifications:

Professional Engineer, Texas, License #134899

Professional Engineer, Arkansas, License #20795

Professional Engineer, Louisiana, License #46352

Professional Engineer, Oklahoma, License #38893

NCEES Model Law Engineer

HAAG Certified Inspector (Commercial and Residential Roofs), HAAG #2309080166

Project Experience:

The University of Texas Permian Basin – Human Performance Building, Odessa, Tx
Structural Engineering Design – New Design
Performed structural design of structural steel, concrete foundations, and wind load analysis for a new 2 story building for the UTPB Kinesiology program. The building consisted of a new weight room, classrooms, locker rooms, and hot and cold hydrotherapy pools.

West Texas A&M University – Ag Sciences Complex, Canyon, Tx
Structural Engineering Design – New Design
Designed and detailed structural steel framing, concrete foundations, as well as diaphragm design for a 3-story academic building. The building superstructure consisted of steel joist roof framing and composite floor slabs. The substructure consisted of spread footings and slab on grade.

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Kappa Kappa Gamma – New Sorority House, Lubbock, Tx
Structural Engineering Design – New Design
This project was a new two-story wood framed building with spread/continuous footings and slab on grade. Designed long span wood trusses, custom designed wood connections for high load transfer in shear walls, as well as a 50-foot-tall steel truss tower that framed out the chimney. The substructure consisted of spread footings and slab on grade.

Ag Texas Insurance - New Office Building, Lubbock, Tx
Structural Engineering Design – New Design
This project was a $15 million-dollar single story new office building and meeting center. The superstructure consisted of structural steel framing and bar joists. This building consisted of 9 separate single slope roof diaphragms. The substructure consisted of shallow spread footings and slab on grade.

Dickens County Courthouse – Existing Structure Renovation, Dickens, Tx
Structural Engineering Design – Structure Renovation
Analyzed existing wood framing members to cut a hole in the floor and add a balcony overlook to the main entry way of the structure. New columns were placed to support the existing framing. Existing masonry and concrete walls were repaired in locations of distress. New spread footings were added at our new column locations.

TTU Health Science Center – Gross Anatomy Lab and Teaching Space
General Contractor - Project Management
This project consisted of a new $70 million dollar 5-story gross anatomy lab as well as new 3-story office and teaching space. Managed submittals, pay applications, overall budget of the project, owner and design team coordination meetings, and scheduling. Coordinated design and construction issues during the construction process.

Professional Experience:

EFI Global, Inc., Plano, Texas
Senior Engineer, 2021-Present

Hill & Wilkinson General Contractors, Richardson, Texas
Project Engineer, 2018-2021

JQ Engineering, Lubbock, Texas
Project Engineer, 2014-2018

ABF Commercial Roofing, Lubbock, Texas
Project Manager, 2012-2014

Parkhill, Smith, and Cooper, Lubbock, Texas
Project Engineer, 2008-2012

Education:

Texas Tech University, Lubbock, Texas
Bachelor of Science in Civil Engineering, 2008

Affiliations:

National Society of Professional Engineers

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