Marshal Davis | Principal Structural Engineer, **PE, SECB**

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Professional Summary:

Mr. Davis is a structural engineer with over 24 years of experience. Responsibilities include the structural engineering design of commercial and residential structures with extensive experience in various market sectors including but not limited to hospitality, education, retail, religious, storage, financial, and medical. Performed structural layout, design, rough budgeting, coordination, and observation. Design experience with various building materials including masonry, wood, steel, and concrete on various foundation types including shallow foundations, aggregate piers, piles, mat, and waffle slabs.

Licenses and Certifications:

Professional Engineer, State of Alabama, #27744

Professional Engineer, State of Arkansas, #10598

Professional Engineer, State of Florida, #65314

Professional Engineer, State of Kentucky, #24382

Professional Engineer, State of Maryland, #41590

Professional Engineer, State of Michigan, #51841

Professional Engineer, State of Mississippi, #16741

Professional Engineer, State of Missouri, #2013031841

Professional Engineer, State of North Dakota, #PE-8721

Professional Engineer, State of Nebraska, #E-12546

Professional Engineer, State of New York, #86074

Professional Engineer, State of Ohio, #74748

Professional Engineer, State of Oklahoma, #26423

Professional Engineer, State of Pennsylvania, #PE082066

Professional Engineer, State of Tennessee, #108870

Professional Engineer, State of Texas, #101485

Professional Engineer, State of Virginia, #42364

Professional Engineer, State of Wisconsin, #44917

Professional Engineer, State of West Virginia, #19690

Project Experience:

Chisca on Main, Memphis, Tennessee
Renovation from Hotel to Multifamily Dwelling
Performed structural engineering design and site observations while maintaining historic preservation of the eight-story structure.

Central Station, Memphis, Tennessee
Redevelopment to Hotel
Structural design of the $55 million reconfiguration of the existing apartments in the train station building with a boutique hotel.

SpringHill Suites Marriott, Brentwood, Tennessee
Hotel and Parking Garage
Structural engineering design for 4-story, 134 room hotel with 225 parking space parking garage. Design of poured in place post-tensioned concrete podium slab superstructure and foundation. Hotel superstructure designed with load bearing cold form steel studs with poured in place concrete elevated composite slabs.

Homewood Suites, Greenville, South Carolina
Hotel and Parking Garage
Led structural engineering team to design eight-story hotel. Structure designed with concrete masonry unit bearing walls with hollowcore concrete plank. Seismic system designed with concrete poured in place shear walls. Inspected construction task for quality of workmanship and completeness, resolved field issues between owner-design team-contractor, and facilitated progress payment request.

Courtyard Marriott, Vinings, Georgia
Hotel, Parking Garage, and Storm Water Vault
Structural Engineer for five-story hotel structure with two-stories of underground parking garage. Load bearing structural system was poured-in-place concrete columns with post-tensioned concrete flat slabs.

Hampton Inn, Pikeville, Kentucky
Hotel
Led structural engineer for seven-story hotel structure. Superstructure designed with structural steel with hollowcore precast plank bearing upon concrete augur cast piles.

Professional Experience:

Davis Patrikios Criswell, Incorporated, Owner and Vice President, 2006 - 2021
Pickering Firm, Inc, Structural Engineer, 2003 - 2005
Barney L. Hitt Consulting Engineer, Structural Engineer Intern, 2000 - 2003

Education:

Bachelors of Science in Civil Engineering, Christian Brothers University, Memphis, TN, 1999

Affiliations:

Structural Engineers Associate
Engineer's Club of Memphis