

Ralph Velasco | Structural Engineer, P.E.

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Professional Summary:

Ralph's professional career includes a background in structural design engineering of residential, commercial, and industrial buildings. His work includes the analysis, computer modeling, drafting, and design of structures. His experience also includes providing on-site construction management of low to mid-rise buildings. Lastly, he has provided property condition assessments and structural based inspections for various types of buildings.

Areas of Expertise:

- Timber Design
- Structural Steel Design
- Reinforced Concrete Design
- Reinforced Masonry Design
- Construction Management
- Structural Based Building Inspections
- Property Condition Assessments

Licenses and Certifications:

Professional Engineer, Texas, License #143070
Professional Engineer, Arkansas, License #21798
Professional Engineer, Louisiana, License #0048530
Professional Engineer, Oklahoma, License #34629
Professional Engineer, Tennessee, License #128725
Professional Engineer, Kansas, License #30404
Professional Engineer, Mississippi, License #35040
Professional Engineer, Florida, License #98506
Professional Engineer, Colorado, License #64329

Project Experience:

The Residences at Thornwood, Germantown, TN

- Structural design and construction administration of the 251 unit, 4-story wood framed apartment structure on a 1-story post-tension podium slab parking garage bearing on concrete walls and columns.

Townplace Suites, Tupelo, MS

- Structural design of the 4-story wood framed 95 room hotel which is part of a \$50 million development project on 28 acres.

Forum Flats, Memphis, TN

- Structural design and construction administration of the 4 wood framed apartment buildings totaling 202 units on 5 acres in Downtown Memphis.

Madison Midtown, Memphis, TN

- Structural design and construction administration of the 217 unit, 4-story wood framed apartment structure on a 1-story post tension podium slab.

Hope Fellowship Church, Cumming, GA

- Structural design of the 2-story metal building church located in Cumming, GA

Harbor Village, Rockwall, TX

- Construction management of the 5-story wood framed apartment wrap style structure with a 6-story post-tension parking garage. Ground up construction included site development, underground utilities, foundation, wood framing, MEP installation, and finish out activities.

Professional Experience:

Davis Patrikios Criswell, Structural Engineer, 2014 – 2020, 2022

Andres Construction Services, Assistant Superintendent, 2020 – 2022

Education:

Bachelor of Science, Civil Engineering, Christian Brothers University, Memphis, TN, 2015