

Russell S. Barton, P.E. **Principal and Structural Engineer**

Education: Bachelor of Science in Civil Engineering, May 1996
The University of Alabama

Professional Registration: Alabama P.E. #24034
Florida P.E. #63599
Mississippi P.E. #17427

Professional Societies: American Society of Civil Engineers, Mobile Branch,
President (2007-2008), Vice President (2006-2007); Secretary
(2005-2006); Treasurer (2004-2005)

Structural Engineers Association of Alabama

Structural Engineering Certification Board

Significant Experience:

Mr. Barton has more than twelve years of structural engineering experience, including commercial and residential design, bridge design, structural analysis, and damage assessments. Since establishing Barton & Shumer Engineering LLC (formerly Barton Engineering, LLC), Mr. Barton has had the following project experience:

- ❖ ***USA Monument/Sign, Mobile, Alabama, for the University of South Alabama***
– The project consisted of the development of structural details for a new monument/sign on the University of South Alabama campus.
- ❖ ***Brown Veterinary Clinic, Fairhope, Alabama, for Hall-McCormick & Associates, P.C.*** – The project consisted of the construction of a new veterinary clinic located within the planning jurisdiction of Fairhope, Alabama. The new structure will be approximately 3,300 square feet and was designed to meet the 2003 International Building Code and to withstand 140 mile per hour winds. Structural engineering services included preparation of structural drawings and specifications for the new construction.
- ❖ ***Great Oaks Veterinary Clinic, Mobile, Alabama, for Hall-McCormick & Associates, P.C.*** – The project consisted of the construction of a new veterinary clinic consisting of approximately 2,800 square feet. The building was designed to meet the 2003 International Building Code and to withstand 140 mile per hour winds. Structural engineering services included preparation of structural drawings and specifications for the new clinic.
- ❖ ***Animal Care Center West, Mobile County, Alabama, for Hall-McCormick & Associates, P.C.*** – The project consists of the construction of a new veterinary clinic located in Mobile County, Alabama. The new structure will be two stories and approximately 5,800 square feet. The clinic, including the site design, will be designed to easily accommodate equine patients.

- ❖ ***BankTrust, Fairhope, Alabama for Hall-McCormick & Associates, P.C.*** – The project consisted of the preparation of structural drawings and specifications for a proposed BankTrust Bank building within the city limits of Fairhope, Alabama. The structure is a two-story wood framed building with an open cupola in the center of the roof structure and drive through tellers.
- ❖ ***Bryant Bank, Daphne, Alabama, for Hall-McCormick & Associates, P.C.*** - The project consisted of the conversion of an existing 14,000-square-foot drug store into a commercial bank. Structural engineering services included preparation of structural drawings and specifications for the conversion/renovation.
- ❖ ***Metro Firearms, Mobile County, Alabama, for Hall-McCormick & Associates, P.C.*** – The project consisted of the construction of a new masonry building at the Metro Firearms training facility for the law enforcement of the City of Mobile, Mobile County, and FBI. The new structure is approximately 3,400 square feet. Structural engineering services included the preparation of construction drawings and specifications to meet the requirements of Mobile County and the International Building Code.
- ❖ ***Mobile Area Water and Sewer System (MAWSS) Entrance Modifications, Mobile, Alabama, for Hall-McCormick & Associates, P.C.*** – The project consisted of the preparation of structural drawings and specifications for the renovation of the front entrance to the MAWSS main office. The renovations included increasing the square footage of the structure by enclosing a canopied area in glass, adding water features on the exterior, and providing new front steps with a handicap-accessible ramp.
- ❖ ***Strickland Paper Warehouse Addition, Mobile, Alabama, for Hall-McCormick & Associates, P.C.*** – The project consisted of the preparation of structural drawings and specifications for the addition of a 6,000-square-foot warehouse to an existing building.
- ❖ ***Mobile Public Library, Mobile, Alabama, for Architecture and Design, Incorporated*** – The project consisted of the renovation of the entrance to an existing structure to meet architect’s layout. The library is moving to the anchor space of an existing commercial development.
- ❖ ***Retail Development, Foley, Alabama, for Bowden Architecture*** – The project consists of the development of a new 15,000-square-foot retail development in Foley, Alabama. Structural engineering services include structural design and analysis, including the development of structural drawings and specifications, for the new facility.
- ❖ ***Williams Energy Warehouse, Mobile, Alabama, for Joseph G. Cleveland Architects, L.L.C.*** – The project consisted of the preparation of structural drawings and specifications for the expansion of a mezzanine level in an existing warehouse.
- ❖ ***Structural Design Services, Destin, Florida, for Stokes Development*** – The project includes the preparation of structural drawings and specifications for multiple residential structures. The structures range from a single-family residence to six conjoined residences.
- ❖ ***Ashland Place Methodist Church Renovations/Additions, Mobile, Alabama, for Bowden Architecture*** – The project consists of preparing structural drawings and specifications for the renovation of and additions to an existing facility. The additions include adding floors to an existing structure and increasing the footprint of the facility.

- ❖ ***Pittman Retail Center, Enterprise, Alabama, for Bowden Architecture*** – The project consists of structural design of a one-story retail center with an attached two-story office building. The building will have exterior masonry walls with steel joists and a metal deck roof.
- ❖ ***Carondelette Duplex, Orange Beach, Alabama*** – The project consisted of a two-story, wood-framed duplex supported on timber piles with parking below the structure. The structure was designed in accordance with the 2003 International Residential Building Code.
- ❖ ***Hurricane Katrina and Ivan Damage Assessments for Various Clients*** - The purpose of the assessments is to provide a third party opinion regarding the cause of damage to structures during Hurricane Ivan and Hurricane Katrina. Assessments include inspections of structures and property and preparation of a report that describes the damage broken into categories, including damage from wind pressures and flooding and wave action during the storm surge.
- ❖ ***Hurricane Dennis Damage Assessment of and Repair Plans for Condominiums in Perdido Key, Florida*** – The project consisted of assessing a condominium complex in Perdido Key, Florida, to determine damages caused by Hurricane Dennis. In addition, plans for repairs to the condominiums were also prepared.