



S. David Smith, E.I.T.
Design Engineer

EDUCATION

Bachelor, Civil Engineering
University of Alabama, 2001

PROFESSIONAL REGISTRATIONS

- Alabama EIT

PROFESSIONAL SUMMARY

Mr. Smith has extensive experience with structural engineering. His design experience includes metal buildings, conventional steel buildings, non-composite and composite steel structures, shallow foundations, pile foundations and masonry structures. He also has experience with several types of wood framed structures including apartments, historic buildings and miscellaneous one-story wood structures. He is also well versed in the design of both concrete and segmental block retaining wall structures. His current responsibilities include design of all types of structures with most any type of material. He is currently working under the direct supervision of Mr. Brent Wright, PE.

A select list of professional experience follows.

PROFESSIONAL EXPERIENCE

- **Legends at Newnan / Newnan, GA (2016)** – Performed structural engineering design for Garden Style, 166 unit development with 3 / 4 split buildings. Approximate total building SF was 270,000 SF.
- **Crowne at Briargate / Colorado Springs, CO (2017)** – Performed structural engineering design for High Density 276 unit 4 story development. Total building SF is 103,000 SF.
- **Skyland Exchange / Asheville, NC (2016 – 2017)** – Performed structural engineering design for 290 unit High Density and Garden style development. Buildings were 3 story and 4 story. Total of 286,000 Building SF.
- **Riverpointe Apartments / Rome, GA (2016-2017)** – Performed structural engineering design for High Density Development with 112 units on 4 stories. Total of 184,000 Building SF.
- **Ladson Apartments / Charleston, SC (2017)** – Performed structural engineering design for Garden Style Development with 104 units. Misc structures included mail kiosk, maintenance building, leasing office. Total of 170,000 Building SF.
- **Palmetto Exchange / Charleston, SC (2015-2016)** – Performed structural engineering design for 208 unit high density and garden style development on 4 stories. Total of 319,000 of Building SF.

- **Asheville Exchange / Asheville, NC (2014-2015)** - Performed structural engineering design for 120 unit High Density and Garden Style development. Miscellaneous structures include cabana, car wash, garage, leasing office. Total of 360,000 Building SF.
- **Ansley at Overlook / San Antonio, TX (2014-2015)** – Performed structural engineering design for 258 unit High Density and Garden Style development. Miscellaneous structures include maintenance building, leasing office, cabana, garage buildings and mail kiosk. Total of 283,000 Building SF.
- **Legends at Azalea / Summerville, SC (2014-2015)** - Performed structural engineering design for 222 unit Garden Style 3 story development. Miscellaneous structures include trash compactor, mail liosk, car wash, garage buildings and leasing office. Total of 350,000 Building SF.
- **Ansley at Robert’s Lake / Atlanta, GA (2013-2014)** – Performed structural engineering design for 168 unit garden style 3 story development. Miscellaneous structures include mail kiosk, garage buildings, carwash, clubhouse. Total of 225,000 Building SF.
- **Crowne at Timberline / Fort Collins, CO (2015-2016)** – Performed structural engineering design for a primarily high density 285 unit 3 story development. Design also included townhomes and leasing office / clubhouse. Total of 375,000 Building SF.
- **The Duke / Victoria, TX (2013-2015)** – Performed structural engineering design for a 51 unit garden style 3 story development. Miscellaneous structures include mail kiosk, maintenance building, garage buildings. Total of 44,200 Building SF.
- **Crowne at Maybank / Charleston, SC (2015-2016)** – Performed structural engineering design for a 180 unit 4 story high density and garden style development. Miscellaneous Buildings include garage buildings, maintenance building. Total of 280,000 Building SF.
- **Crowne at Cahaba / Birmingham, AL (2013)** – Performed structural engineering design for a 224 unit 4 story high density development. Total of 273,000 Building SF.
- **Reserve at Collier Hills / Atlanta, GA (2013)** – Performed structural engineering design for a high density 4 story development.
- **Ansley at Charleston / Charleston, SC (2012 – 2013)** – Performed structural engineering design for 112 unit Garden Style development. Miscellaneous structures include dumpster enclosure, mail kiosk, carwash, clubhouse. Total of 168,000 Building SF.
- **Kitten Lake / Columbus, GA (2011-2012)** – Performed structural engineering design for a 270 unit 3 story Garden Style development. Miscellaneous structures include leasing office, pool cabana, and mail kiosk. Total of 388,000 Building SF.
- **Summer Lake / Phenix City, AL (2011 – 2012)** - Performed structural engineering design for 270 unit Garden Style 3 story development. Miscellaneous structures include leasing office, car wash, pool cabana, mail kiosk. Total of 380,000 Building SF.
- **Parc at Grandview / Birmingham, AL (2011-2012)** – Performed structural engineering design for a 228 unit High Density and Garden Style Development consisting of 3 story and 3 / 4 splits. Additionally, a parking deck is included. Total of 327,000 Building SF not including the parking deck.
- **Mount Holley / Mount Holley, NC (2015-2017)** – Performed structural engineering design for an approximate 100 unit 4 story with podium high density development.

- **MSU Student Housing / Starkville, MS (2015 – 2016)** – Performed structural engineering design for a 36 unit 4 story High Density student housing development. Total of 60,000 Building SF.
- **Greystone at Maple Ridge / Columbus, GA (2012)** - Performed structural engineering design for 66 Unit Garden style development up to 4 stories. Total of 106,000 Building SF.
- **Greystone Summit at Forsyth / Cumming, GA (2014-2015)** – Performed structural engineering design for a 176 Unit Garden Style development. Miscellaneous structures include activities center, clubhouse, cabana, carwash, garage, mail kiosk, dumpster enclosure. Total of 286,500 Building SF.
- **Greystone Vista / Knoxville, TN (2013-2014)** – Performed structural engineering design for a 148 unit Garden Style Development with buildings up to 4 stories. Miscellaneous structures include carwash, mail kiosk, and clubhouse. Total of 236,500 Building SF.
- **Greystone Oakland Plantation / Albany, GA (2017-2018)** – Performed structural engineering design for 240 Unit Garden Style development. Miscellaneous structures include clubhouse, cabana, car wash, mail kiosk, dumpster enclosure. Total of 408,000 Building SF.
- **Greystone Gulf Breeze / Gulf Breeze, FL (2016-2017)** – Performed structural engineering design for 96 Unit Garden Style development. Miscellaneous Structures include clubhouse, carwash, mail kiosk. Total of 278,000 Building SF.
- **Greystone Pointe / Knoxville, TN (2017-2018)** – Performed structural engineering design for 160 unit Garden Style development. Miscellaneous structures include garage, carwash, mail kiosk. Total of 240,000 Building SF.
- **Thrive at Green Island / Columbus, GA (2017 – 2018)** – Performed structural engineering design for an 88 unit wood frame assisted living community. Total of 56,500 Building SF.
- **Keller Williams Retail Building / Columbus, GA (2015)** – Performed structural engineering design for an approximate 11,000 SF 2 level facility. Structural system is post and beam steel construction with shallow foundations.
- **New Spencer High School / Columbus, GA (2017)** – Performed structural engineering design for an approximate 200,000 SF new high school which is to replace an older high school. Structure was a combination of load bearing masonry and conventional steel construction.
- **Northside School Addition / Columbus, GA (2011)** – Performed structural engineering design for a 3 story school addition. Structure comprised of steel framing with post and beams with open web steel joist infill. Roof framing consisted of steel beams with open web steel joists.
- **Medical Office Building / Columbus, GA (2010 - 2012)** – Performed structural engineering design for a 4 story medical office building (expandable to 8 stories). Building was constructed on deep foundations and constructed utilizing steel framing (composite with X-braced framing). Total approximate square footage is 237,000 SF.
- **Columbus Consolidated Government City Services Parking Deck / Columbus, GA (2011-2012)** – Performed structural engineering design for an 370 space parking deck with comprised approximately 130,000 Sf of building. Structure is precast concrete. Foundations are ground modification rammed aggregate piers.
- **Columbus Consolidated Government City Services Building / Columbus, GA (2011-2012)** – Performed structural engineering design for an approximate 66,000 SF City Services Building. Building houses administrative offices, police department, City Council Chamber

and other City functions. Construction consisted of steel framing (composite with steel X-bracing for lateral stability).

- **CVCC Academic Classroom Building, GA (2007)** – Performed structural engineering design on a new 59,000 sf three story academic classroom building for a community college. The classroom building was steel framed. Floor framing consisted of composite framing. The roof was framed with steel joists and wide flange beams. Building was laterally stabilized with x-bracing. Concrete foundation walls were also incorporated into the design.
- **Muscogee County School District Administration Building, GA (2006)** – Performed structural engineering design for an approximate 95,000 sf, three story administration building for the county school district. Structure was steel framed with composite floors and roof. Exterior skin of structure consisted of precast elements backed by miscellaneous structural framing. Structure was stabilized with moment frames.
- **Medical Office Building / Newnan, GA (2005 – 2006)** – Performed engineering design for a new 20,000 sf medical office building in Newnan, GA. Two story building structure was conventional steel framing with composite 2nd floor with open web steel joist roof.
- **Rigdon Road Elementary / Columbus, GA (2006)** – Performed Engineering design on the new Rigdon Road Elementary School. The two story structure consists of conventional steel framing. Second floors are framed with open web steel joists. Roof structure consists of long span joists supporting roof decking.
- **Flournoy Development Headquarters / Columbus, GA (2005 – 2006)** – Performed engineering design for a new office building for Flournoy Construction. Building consisted of conventional steel framing, concrete, and conventional wood framing. Building was a two story structure with a basement. Main floor comprised of open web steel joists supporting concrete slab. Roof consisted of trusses bearing on steel beams and load bearing wood stud walls. The building contained one elevator core.
- **Wayne County Bank / Waynesboro, TN (2005 – 2006)** – Performed engineering design for a bank in Waynesboro Tennessee. The Bank was a conventional steel framed two story structure. Second floor consisted of open web steel joists supporting concrete slab. Roof structure comprised prefabricated wood roof trusses.
- **Road America / Columbus, GA (2005 – 2006)** – Performed engineering design for a new call center. Structure consisted of steel tube columns and perimeter steel beams supporting joist girders spanning the roof framing to support metal deck.
- **Peabody Apartments / Columbus, GA (2005 – 2006)** – Performed structural engineering design for single, two, and three story units in new apartment complex. Apartments consisted of load bearing wood walls with floor truss framing for second and third floors. Trusses comprised the roof structure. Steel framing was utilized in breezeway areas.
- **Eagle & Phenix Mills Renovation (2005-2006)** – Performed engineering design for the adaptive reuse (conversion to apartments) of existing historic mill. Existing mill is load-bearing brick with wood interior framing.
- **Johnson Elementary Renovation & Addition / Columbus, GA (2004-2005)** – Performed engineering design for the addition to Johnson Elementary. Building consisted of a metal building, conventional steel framing and conventional wood framing
- **Office Building / Newnan, GA (2004-2005)** – Performed structural engineering related to the two-story building planned to house a new office complex. Building size was approximately 10,000 sf. Structure consisted of conventional steel building for the two floors with prefabricated wood trusses bearing on the steel structure. The building contained one elevator core and was clad with brick.

- **River Road Elementary School Addition / Columbus, GA (2004)** – Performed engineering design related to the two classroom addition at River Road Elementary School. The structure was comprised of load-bearing masonry exterior with open web steel joists spanning the roof framing to support the roof deck.
- **Matthews Elementary School Addition / Columbus, GA (2004)** – Performed engineering design related to the two classroom addition and administrative addition at Matthews Elementary School. The structure was comprised of load-bearing masonry exterior with open web steel joists spanning the roof to support the roof deck.
- **Hughston Clinic Expansion / Columbus, GA (2004)**. Structural Engineer of Record for 18,000 sf expansion, 2 story structure. Expansion included design for one MRI unit along with provisions for a second MRI unit. Structure was conventional steel with tilt-up precast panel exterior.