



Matthew J. Pearson. P.E.
Lead Structural Engineer

EDUCATION

Bachelor, Civil Engineering
Auburn University, 1998

PROFESSIONAL REGISTRATIONS

- Georgia, #29444
- Alabama, #25765
- South Carolina #23344
- North Carolina #29715

PROFESSIONAL AFFILIATIONS

- National Society of Professional Engineers (NSPE)
- Georgia Society of Professional Engineers (GSPE)

PROFESSIONAL SUMMARY

Mr. Pearson has experience in the design of any and all types of structures including buildings, long span buildings, stadiums, site retaining walls, pedestrian bridges, small bridges, and other miscellaneous structures. He has experience in the renovation and rehabilitation of buildings, both historic and non-historic. Specific design experience includes structural steel (both composite and non-composite), all types of reinforced concrete, structural wood, cold-formed metal systems, retaining walls, shallow foundations and pile foundations.

The following pages represent a variety of structural projects which have been completed by Mr. Pearson through his career as a structural engineer. Recent projects include work on several types of projects.

PROFESSIONAL EXPERIENCE

- **Ansley at Overlook / San Antonio, TX (2014-2015)** – Structural Engineer 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.
- **Marina Bay / Nashville, TN (2015- 2016)** – Structural Engineer for a 54 unit High Density development. Total of 70,000 Building SF.
- **Gate Parkway / Jacksonville, FL (2015- 2016)** – Structural Engineer for a 233 Unit High Density development. Miscellaneous structures include garage buildings, car wash, pool cabana, mail kiosk. Total of 234,000 Building SF.
- **Greystone Gulf Breeze / Gulf Breeze, FL (2016-2017)** – Structural Engineer for 96 Unit Garden Style development. Miscellaneous Structures include clubhouse, carwash, mail kiosk. Total of 278,000 Building SF.
- **Vectorply Addition / Columbus, GA (2016 – 2017)** – Structural Engineer for an approximate 44,000 SF warehouse space along with an approximate 7,000 SF office addition / main entrance. The warehouse was pre-engineered metal building and the office space was post and beam construction. All on shallow foundations.

- **Green Island Country Club Addition (2017)** – Structural Engineer for an approximate 3,000 SF addition to the existing Country Club Facility. Addition of a formal dining room space along with an outdoor porch area. Structure consisted of shallow foundations and post and beam construction.
- **City Mill Restoration / Columbus, GA (2015-2017)** – Structural Engineer for restoration of an approximate 12,000 SF historic Mill building. Repairs comprised of re-pointing of brick, reinforcement of wood framing members along with supplementing of foundations and beam support systems.
- **Orchard View Assisted Living / Columbus, GA (2014)** – Structural Engineer for an approximate 83,000 SF assisted living facility. Structural system is comprised of load bearing metal studs with long span steel decking and concrete along with some post and beam construction. Foundation system was a shallow foundation with spread footings.
- **Eagle & Phenix Mills Renovation (2005-2006)** – Structural Engineer of Record for the adaptive reuse (conversion to apartments) of existing historic mill. Existing mill is load-bearing brick with wood interior framing.
- **Eagle & Phenix Mill 2 Renovation / Columbus, GA (2011-2012)** – Structural Engineer for the renovation to a turn of the century Mill in Columbus, GA. Building was load bearing exterior brick walls with interior heavy timber framing. The building is comprised of 5 stories. Planned usage for facility is adaptive reuse to apartments.
- **Eagle & Phenix Mill 1 Renovation / Columbus, GA (2012 – Present)** – Structural Engineer for the renovation / adaptive reuse for the turn of the century Mill in Columbus, GA. Building is load bearing exterior brick walls with two existing concrete floors. The project consists of reusing the two concrete floors and installation of two new wood framed floors. All floors of the building will be apartment units.
- **World War II Street Museum / Fort Benning, GA (2004-2005)** – Structural Engineer of Record for the rehabilitation and relocation of historic World War II era buildings which were relocated to the National Infantry Museum site. Design of repairs to structures and new foundation systems for buildings. Buildings included General Patton sleeping quarters, barracks, mess hall and chapel.
- **MCSA Arts Academy / Columbus, GA (2016)** – Structural Engineer for a new Fine Arts High School. Estimated Construction Budget was \$40M. Building consists of a 3 story portion for classrooms, theater, cafeteria and practice rooms along with other peripheral spaces. Structure was a combination of conventional steel construction and load bearing masonry.
- **New Spencer High School / Columbus, GA (2017)** – Structural Engineer 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.
- **Administration Building / Columbus, GA (2008)** – Structural Engineer for 100,000 SF administration building for school district. Building is a 3 story building with cast stone exterior. Building is constructed of composite steel building.
- **Cafeteria Addition / Phenix City, AL (2007)** - Structural Engineer for an approximate 6,000 SF cafeteria addition for Meadowlane Elementary School

in Phenix City, AL. Structure was comprised of load bearing masonry with wood truss roof framing system.

- **Library (2007-2008) / Columbus, GA (2007-2008)** - Structural Engineer for an approximate 10,000 SF library building for the Muscogee County Library System. Building is a single story steel framed building with open web steel joists for the roof framing system. There are also areas of masonry bearing and penetration through the roof system. This building is currently under construction.
- **Medical Office Building / Columbus, GA (2010 - 2012)** – Structural Engineer for a 4 story medical office building (expandable to 8 stories). Building is to be constructed on deep foundations and will be constructed utilizing steel framing (composite with X-braced framing). Total approximate square footage is 237,000 SF.
- **Clinical Services Building Addition (2010 – 2012)** – Structural Engineer for a 4 story clinical services building expansion (expandable to 8 stories). Building is to be constructed on deep foundations and will be constructed utilizing steel framing (composite steel beams with moment resisting framing system). Total approximate square footage is 375,000 SF.
- **Columbus Consolidated Government City Services Parking Deck / Columbus, GA (2011-2012)** – Structural Engineer 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)** – Structural Engineer 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).
- **Multipurpose Recreation Center / Columbus, GA (2008)** – Structural Engineer for an approximate 35,000 SF recreation center for the YMCA in Columbus, GA. Facility consists of racquetball courts, workout facilities, natatorium, rock climbing walls and aerobic activity rooms. Structure of facility was composite conventional steel with open web joists for the roof framing. Additionally, there was long span decking utilized in the construction.
- **Manufacturing Facility / Auburn, AL (2006)** – Structural Engineer for 100,000 SF manufacturing facility to be located in Auburn, AL. Framing consisted of long bay system by metal building manufacturer bearing on tilt up wall panels designed by Wright Engineering, LLC.
- **Medical Office Building / Auburn, AL (2006)** – Structural Engineer of Record for a new medical office building approximately 45,000 sf. Three story building structure consists of composite floors with open web steel joist roofs.
- **Call Center Expansion / Columbus, GA (2005 – 2006)** – Structural Engineer of Record for an approximate 90,000 sf facility expansion of a local call center. Structure consists of composite flooring for second floor and open web steel joists for roof framing.

- **Mars Hill College Stadium (2005)** – Structural Engineer for new stadium for Mars Hill College in North Carolina. Structure was to be built on side of a hill facing field. Design elements included a cast in place concrete bleacher with a combination cast in place and structural steel press box and premium seating boxes.
- **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.