As you explore the boundaries of functional designs, we stand behind you with creative, practical, and constructible solutions.

So go ahead and dream... the sky’s the limit!

We turn your vision into reality!

H. Carrington McVeigh, P.E., LEED® AP
CEO

Thank you for considering McVeigh & Mangum as your engineering partner. We look forward to working with you!

McVeigh & Mangum Engineering Inc.

STRUCTURAL
MECHANICAL
ELECTRICAL
PLUMBING
FIRE PROTECTION
TECHNOLOGY
LEED®
COMMISSIONING
BIM

ONE FIRM, FULL SERVICE, TOTAL COMMITMENT
TURNING YOUR VISION INTO REALITY...

Established in 1991, McVeigh & Mangum Engineering, Inc. has a proven track record of serving our community with a commitment to quality and client satisfaction for a variety of architectural projects. Our success is driven by our talented engineers who consistently design accurate, cost effective, and creative solutions while maintaining a practical mindset.
We are a full service engineering firm made up of a multi-discipline team of dedicated design professionals offering expertise in the fields of structural, mechanical, electrical, plumbing, and fire protection engineering design. In addition, we provide technology design, LEED®, and commissioning services. Our clients benefit from improved communication, project coordination, and timeline management by having access to a complete team of in-house engineers all under one roof.

Our principals are actively involved in the day-to-day management of each and every project. Their leadership combined with our staff size enables us to concurrently manage multiple projects, including large complex buildings. At McVeigh & Mangum, our goal is to provide exceptional client satisfaction. We believe that hiring the industry’s most gifted and creative engineers, while embracing constantly changing innovation and technology will accomplish this goal and assure our commitment to your success.

We aspire to turn your vision into reality.

“*Their experience, flexibility, expertise, and can-do attitude fosters my creativity by thinking outside of the box to develop innovative and economical solutions.*”

*Tom Rensing, AIA*
*KBJ Architects*
STRUCTURAL

Our structural engineering team is recognized for its depth and breadth of engineering experience. We have designed many types of projects, composed of various types of construction materials. This experience enables us to lead in the selection of the best structural system for each project.

Accurate, coordinated, and efficient designs are imperative to ensure your project’s success. Our commitment to invest in state of the art structural design software and building information modeling (BIM) software enables our engineers to graphically coordinate the structural system of your project with other disciplines. In addition, our formal quality assurance program further ensures that conflicts are minimized and your project is accurate and constructible.

“Responsiveness is outstanding; flexible with project schedules; understanding the process.”

Tim Goering
Phillips Partnership
LEED® & COMMISSIONING

Stewardship of the environment is one of our priorities. Over the past several years we have been recognized as a leader in educating the design and construction community throughout the Southeast on sustainable design and the benefits of incorporating LEED® philosophy into projects. Our LEED® Accredited Professionals have served as primary LEED® consultants on several projects, assuming responsibility for leading design charrettes and registering projects for certification with the U.S. Green Building Council.

Commissioning is a documented process that improves the performance of the building’s systems. Our accredited commissioning agents (QCxP) have successfully commissioned both LEED® and non-LEED® projects. McVeigh & Mangum’s team oriented approach fosters communication between construction personnel and the design team, thereby minimizing potential construction delays. This ensures that your project’s system performs to expectations and performs more efficiently.

“We recognize McVeigh & Mangum as an industry leader in the field of LEED® and sustainable design, and enjoy the customer service and quality product they deliver on every project.”

Barbara Crum, AIA, LEED® AP
Perkins + Will
MECHANICAL, PLUMBING & FIRE PROTECTION

We believe the expectations of a project owner and an occupant’s comfort level are of the highest priority. Our team balances the energy efficiency and cost effectiveness of the HVAC systems in order to develop a design which supports these priorities. Our experience ranges from the design of simple packaged HVAC systems to complex chilled water systems with variable volume air distribution. This knowledge enables us to design the system best suited to meet the unique parameters of your project.

Additionally, our BIM capability allows us to identify and minimize potential construction conflicts during the design process. This helps decrease costs associated with constructibility issues and change orders during the construction process.

McVeigh & Mangum provides fire protection and plumbing design services for a wide variety of projects. We have designed many types of systems including engineered roof drainage systems, grey water systems, rainwater harvesting systems, solar hot water systems, and medical gases.

“An excellent firm with a strong knowledge base and the ability to do the job on time – and do it right.”

Stephen Cargile, AIA
JSA Inc.
ELECTRICAL & TECHNOLOGY

The influence of lighting in establishing the mood and ambiance of a space is an important consideration for each project. Our electrical engineers rely on their expertise to design systems which meet the needs and desires of the project owner and architect. Electrical design capabilities encompass a vast array of requirements ranging from lighting and lighting controls to emergency power systems. Our design services also include power distribution, fire alarm design, lightning protection, and communications systems.

Technology design adds value to your project by providing an additional level of control in the specifications of the project’s technology systems. Drawings produced by our professionals provide documentation of the system’s wiring and components during the design phase. This minimizes the cost associated with future renovations, additions, and changes. Our services include designing voice, data, and audio/visual systems associated with each project.
McVeigh & Mangum Engineering offers the unique combination of variety of experience and expertise in design. Our portfolio includes projects in several market sectors in over 40 states. In addition, we have successfully designed projects internationally. With this domestic and international geographic diversity we have gained exposure to a wide variety of building codes, loading conditions, and climatic considerations. This experience translates into increased creativity, flexibility, and technical expertise for your project.
Our structural engineering team is recognized for its depth and breadth of engineering experience. We have designed many types of projects, composed of various types of construction materials. This experience enables us to lead in the selection of the best structural system for each project.

Accurate, coordinated, and efficient designs are imperative to ensure your project’s success. Our commitment to invest in state of the art structural design software and building information modeling (BIM) software enables our engineers to graphically coordinate the structural system of your project with other disciplines. In addition, our formal quality assurance program further ensure that conflicts are minimized and your project is accurate and constructible.

“Offers competitive fees and able to meet almost any project schedule.”

Jason Faulkner, AIA
Rink Design Partnership
FIRM OVERVIEW

What makes McVeigh & Mangum Engineering uniquely suited to be your engineers of choice? We believe the following sets us apart from the competition:

- A commitment to customer service and superior client satisfaction
- Multi-discipline design capabilities
- Project management system offering a primary point of contact
- Formal quality assurance program promoting accuracy and coordination
- Multi-discipline three-dimensional building information modeling (BIM) and drawing capability
- Project diversity and engineering expertise in multiple sectors
- Principal and senior management involvement in projects
- Well established relationships with contractors, vendors, and architects
- An energetic, “can do” attitude
FIRM OVERVIEW
What makes McVeigh & Mangum Engineering uniquely suited to be your engineers of choice?
We believe the following sets us apart from the competition:
• A commitment to customer service and superior client satisfaction
• Multi-discipline design capabilities
• Project management system offering a primary point of contact
• Formal quality assurance program promoting accuracy and coordination
• Multi-discipline three-dimensional building information modeling (BIM) and drawing capability
• Project diversity and engineering expertise in multiple sectors
• Principal and senior management involvement in projects
• Well established relationships with contractors, vendors, and architects
• An energetic, “can do” attitude

“Thank you for considering McVeigh & Mangum as your engineering partner. We look forward to working with you!”

H. Carrington McVeigh, P.E., LEED® AP
CEO

McVeigh & Mangum Engineering, Inc. has provided engineering services in one or more disciplines to all projects depicted in this brochure. Their placement is for graphic purposes only.

Renderings provided by: KBJ Architects (Duval County Courthouse), Wakefield Beasley & Associates (Perimeter Church Worship Center), Gresham, Smith & Partners (Brooks Health System Administration Building), Rolland, Del Valle & Bradley (Colonnade at Flagler)
As you explore the boundaries of functional designs, we stand behind you with creative, practical, and constructible solutions.

So go ahead and dream... the sky’s the limit!