
Company Name	RMF Engineering, Inc. www.rmfc.com
Company Type	Full Service Engineering Privately held
Year Founded	1983
Location	Headquarters: Baltimore, Md. Offices: Albany, N.Y. Atlanta, Ga. Boston, Ma. Charlottesville, Va. Columbus, Oh. Mt. Pleasant, S.C. Raleigh, N.C.
Employees	200+
Key Staff/Areas of Expertise:	<p>Duane S. Pinnix, P.E., C.C.P., President & CEO <i>Commissioning, management, international business, RMF corporate inquiries</i></p> <p>Kenneth E. Pitz, P.E., Executive Vice President <i>Applications of new technologies, management and operations</i></p> <p>Kenton J. Balenske, P.E., Vice President Civil and structural engineering</p> <p>Robert D. Smith, P.E., C.E.M., Vice President <i>Energy, federal/military, infrastructure, mechanical, RMF corporate inquiries</i></p> <p>Stephen E. McAdams, P.E., C.E.M. Associate <i>Trends in sustainable design, energy planning and infrastructure; planning</i></p> <p>Wesson H. Miller, Jr., P.E., LEED A.P., Division Manager <i>Electrical engineering, LEED design</i></p> <p>David S. Crutchfield, P.E., LEED A.P., Division Manager <i>Energy, LEED design, research laboratories, green building, South Carolina business</i></p> <p>J. Timothy Griffin, P.E., C.E.M., LEED A.P., Division Manager <i>USGBC (LEED and LEED guidelines for district energy), commissioning, infrastructure, mechanical, North Carolina business (Triangle area)</i></p>
Company Focus	<ul style="list-style-type: none">- Healthcare- Higher Education- Laboratory/Research- Government- Sports & Recreation

Services

- Planning
- Design
- Engineering
- [Commissioning](#)
- [Facility assessments](#)
- [Building Information Modeling](#) (BIM)
- Carbon reduction strategies
- In-depth assessment technologies

Sample Clients/Projects

- [The Architect of the Capitol](#), Washington, D.C.
- [City of Raleigh](#), North Carolina, Convention Center Commissioning, Raleigh, N.C.
- [Hampton University](#), Proton Therapy Institute, Hampton, Va.
- [Harvard University Infrastructure](#), Cambridge, Mass.
- [Maryland Stadium Authority](#), M&T Bank-Baltimore Ravens Stadium, Baltimore, Md.
- [Medical Research Council](#), Laboratory of Molecular Biology, Cambridge, UK
- [New York Presbyterian Hospital](#), Red Book Capital Infrastructure Program, New York, N.Y.
- [Pittsburgh Sports & Exhibition Authority](#), Heinz Field-Pittsburgh Steelers Stadium, Pittsburgh, Pa.
- [University of Virginia](#), Chilled Water, Steam & Electric Upgrade, Charlottesville, Va.
- [USDA](#), USDA Infrastructure Modernization, National Center for Animal Health, Ames, Iowa

Overview

[RMF Engineering](#) is a full-service engineering firm based in Baltimore, Maryland. A privately held company, RMF has more than 200 employees in [eight offices](#) in Atlanta, Massachusetts, Maryland (headquarters), New York, North Carolina, Ohio, South Carolina, and Virginia.

RMF provides planning, design, engineering, commissioning and facility assessment [services](#) globally to clients in the healthcare, higher education, laboratory/research and government [sectors](#). RMF leads the engineering industry in the development of new engineering production methods and technologies, including Building Information Modeling (BIM), carbon reduction strategies, and in-depth assessment [technologies](#).

The Early Years

Three engineers who shared a passion for their profession founded RMF in 1983. From the beginning, they focused on transforming their passion into high-functioning facilities designed with people in mind. Along with multi-story office buildings, warehouses and commercial facilities, the new firm was awarded a contract with [The Johns Hopkins Hospital](#).

The project was the first of many that RMF has worked on in what became a long-standing relationship with the Johns Hopkins Health System. In 1991, the company, which had grown to 50 employees, was hired to complete the campus utility master plan for the Hopkins Health System.

Healthcare Practice

The firm's considerable expertise in healthcare engineering led to large-scale projects for some of the nation's most prestigious [medical institutions](#), including:

- The National Institutes of Health (NIH)
- Inova Health System
- New York Presbyterian Hospital
- Hampton University Proton Therapy Institute
- National Naval Medical Center
- Walter Reed Army Medical Center

Also in the early 1990s, RMF added to its ownership group and expanded its areas of expertise to include [civil](#) and [structural engineering](#) and [commissioning](#). RMF also opened its first regional office, in Raleigh, North Carolina.

Government Relations

Between 1994 and 1996, the size of the firm more than doubled, to 120 employees, and RMF began winning contracts from the federal [government](#), including the Department of Defense (DOD). Other federal and state and military clients include:

- The Architect of the Capitol
- U.S. Department of Agriculture (USDA)
- U.S. Department of State
- The U.S. Marine Corps
- The Cities of Durham and Raleigh, North Carolina
- U.S. Navy
- U.S. Army Corps of Engineers
- National Aeronautics and Space Administration (NASA)
- National Institute of Standards and Technology (NIST)

A Rise in Higher Education

Another area of significant expertise for RMF is [higher education](#). The firm took on its first major projects in the mid-1990s, beginning with contracts for Duke University, North Carolina State University and the University of North Carolina. A contract with Stanford University in Palo Alto, California soon followed. Since then, RMF has worked with more of the nation's largest and most prestigious universities, including:

- Clemson University
- Harvard University
- Massachusetts Institute of Technology
- The Ohio State University
- University of Virginia
- Yale University
- Dartmouth College
- The Johns Hopkins University
- University of Pennsylvania
- Cornell University
- University of Florida
- University of Minnesota
- University of Georgia
- University of California

Driven by Leadership

All of RMF's [principals](#) take a hands-on role with key client projects. This approach has led the company to open a total of seven regional offices, staffed with engineers whose expertise reflects the specific needs of clients in each area. Many of these experts have been trained straight out of college by RMF, which is committed to building and cultivating the talent needed to deliver the best engineering results in the industry.

Duane S. Pinnix, P.E., C.C.P.
President & CEO

Areas of expertise: Building Engineering, Commissioning, management, international business, RMF Corporate inquiries

Duane Pinnix has been at the helm of RMF Engineering since becoming majority owner in 1998; he joined the firm 26 years ago as a project engineer. Today, he serves as president and chairman of the board of directors and is responsible for general oversight of the firm and executive management of its branch offices.

Under Duane's leadership, RMF has evolved significantly from an initial focus on mechanical and electrical engineering, to becoming nationally recognized for the analysis, planning and design of multifaceted engineering projects serving higher education, healthcare, research and development, and government clients.

With expertise in the design and commissioning of mechanical systems for infrastructure and building projects, Duane maintains a hands-on role with engagements involving complex HVAC systems, including both new installations and phased renovations.

Duane holds a Bachelor of Science degree in Mechanical Engineering (BSME) from The Johns Hopkins University Whiting School of Engineering.

Kenneth E. Pitz, P.E.
Executive Vice President

Areas of expertise: Applications of new technologies, management, operations

Ken Pitz is the second in command at RMF and a seasoned engineer who continues to take a hands-on role with major company projects. Over the course of his 21-year career with the firm, he has served as both COO and CFO, and was integral to the structuring of RMF's specialty groups as separate business units.

With expertise in comparative analysis and the evaluation of large-scale system concepts, he also provides direction to the company's infrastructure group. Ken joined RMF as a project engineer in 1989 and was appointed to the firm's upper management team in 1998.

Ken holds a Bachelor of Science degree in Mechanical Engineering (BSME) from Drexel University.

Kenton J. Balenske, P.E.
Vice President

Areas of expertise: Civil and structural engineering

Ken Balenske joined RMF in 1991 to launch the firm's civil and structural engineering division, which he still heads today. Ken's particular expertise is in campus steam and chilled water distribution systems, but he is accomplished in all phases of project development, including master planning, construction documents and administration.

Ken's team specializes in building design, site engineering and utility distribution for both individual projects and large, complex university and government campuses. In addition to running RMF's civil and structural engineering division, Ken is involved in long-term, multifaceted projects such as the Ames Modernization Project, a 10-year master plan for the USDA that involves creating the most sophisticated animal care laboratory facility in the world.

Ken holds a Bachelor of Science degree in Civil Engineering from Clarkson University.

Robert D. Smith, P.E., C.E.M.
Vice President

Areas of expertise: Energy, federal/military, infrastructure, mechanical, RMF corporate inquiries

Bob Smith is in charge of new business development at RMF, a role he took on in 1991 after training side-by-side with one of RMF's original co-founders. He is justifiably proud of RMF's growth from a three-person mechanical and electrical engineering firm to a 200+ employee firm that designs highly specialized utility systems, as well as new buildings and renovations for prestigious colleges and universities, healthcare institutions and federal and state government projects.

Bob's team specializes in quickly identifying the new markets and opportunities that are driven by legislation, new areas of specialization, and a greater emphasis on technology, BIM, and sustainability. By staying ahead of the market, the firm can anticipate and address clients' emerging needs.

Bob joined RMF in 1983 while in college, and worked his way from the ground up. He began as an intern on semester breaks doing everything from running errands to making blueprints. He quickly progressed to project engineering and project management before taking on the new business development role.

Bob holds a Bachelor of Science degree in Mechanical Engineering (BSME) from the University of Delaware.

Stephen E. McAdams, P.E., C.E.M.
Associate

Areas of expertise: Trends in sustainable design, energy planning and infrastructure; planning

Steve McAdams leads RMF's master planning group, which specializes in developing strategies for utility systems, infrastructure growth and energy. His team advises clients on investing in systems and infrastructure, for the long- and short-term, outlining the best strategies to employ when beginning a project in order to maximize investment, efficiencies and sustainability.

Steve plays an essential role in accurately assessing client and project needs by ensuring that his team operates at the forefront of the industry. As traditional methodologies are being challenged, strategy has become a prominent component of any undertaking. Steve's master planning group excels in anticipating needs based on market conditions, both present and future, and applying their expertise in providing the services that meet those needs.

Steve began his 20-year career at RMF as an intern while he was still a college student. After graduating from Virginia Polytechnic Institute and State University with a Bachelor of Science degree in Engineering, he joined the firm full-time.

Wesson H. Miller, Jr., P.E., LEED A.P.
Division Manager

Areas of expertise: Electrical engineering, LEED design

Wes Miller heads RMF's buildings division, managing a team of 30 design professionals who provide MEP (mechanical, electrical and plumbing) solutions for healthcare, laboratory/research and higher education projects. Under his leadership, the division offers a complete range of MEP engineering services, from renovations to condition assessments and energy audits, with a primary focus on large-scale, mission-critical projects.

Wes joined RMF in 1986 and has more than 30 years' experience in normal and emergency power distribution, generation, lighting and power quality. He holds a Bachelor of Science Degree in Electrical Engineering from Virginia Polytechnic & State University (Virginia Tech). He is a LEED (Leadership in Energy & Environmental Design) accredited professional.

David S. Crutchfield, P.E., LEED A.P.

Division Manager, South Carolina

Areas of expertise: Mechanical, Energy, LEED design, research laboratories, green building, South Carolina business

Dave Crutchfield is the principal in charge of RMF's Charleston, South Carolina office. A seasoned engineer with expertise in the design of research laboratories, he joined the firm in 1993 as a project engineer in the buildings division. He was promoted over time through various positions and ultimately became a project manager at the Baltimore, Maryland office. In 2002, Dave relocated to Charleston.

The challenge of helping RMF expand its southeastern footprint was one Dave eagerly accepted, growing the office from two to fifteen employees. The office regularly produces award-winning work that recognizes the firm's use of innovative technologies, sustainable, energy efficient and inventive building design for high tech, laboratory, research and government facilities as well as new and renovated hospital buildings.

Like all of RMF's principals, Dave takes a hands-on approach with key projects. He has earned a Bachelor of Science degree in Mechanical Engineering (BSME) from the Catholic University of America in Washington, D.C. and is also a LEED-accredited professional (Leadership in Energy & Environmental Design).

J. Timothy Griffin, P.E., C.E.M., LEED A.P.

Division Manager, North Carolina (Triangle Area)

Areas of expertise: USGBC (LEED and LEED guidelines for district energy), commissioning, infrastructure, mechanical, North Carolina business (Triangle area)

Tim Griffin joined RMF in 1993. A project engineer, he was also charged with helping to grow the firm's office in Durham, North Carolina. Recently, Tim was chosen to lead the office and to expand its client base throughout the state.

In addition to managing the Durham office, Tim has significant expertise in applying district energy to the U.S. Green Building Council (USGBC) Leadership in Energy & Environmental Design (LEED) guidelines. He acts as a liaison between the International District Energy Association (IDEA) and the USGBC, and serves on the USGBC's Energy & Atmosphere Technical Advisory Committee's District Energy Workgroup. In addition, he is the author of a book *Winning With Millennials: How to Attract, Retain & Empower Today's Generation of Design Professionals*.

Tim holds a Bachelor of Science degree in Mechanical Engineering (BSME) from North Carolina State University and a Masters of Business Administration from Colorado State University. He sits on the Board of Directors of IDEA and writes a monthly column for District Energy magazine. He is also a LEED-accredited professional (Leadership in Energy & Environmental Design).