

Robert M. Mailer, P.E. | Senior Structural Engineer

242 Old New Brunswick Road, Suite 414
Piscataway, NJ 08854

732-629-7930
Robert.Mailer@efiglobal.com

Professional Summary:

Mr. Mailer has 36 years of experience in multiple market sectors including higher education, commercial buildings, K-12 schools, building renovations, high rise, parking garages, and correctional facilities. Oversight and participation in design, project teams and construction management of projects. Managing Principal of multi-discipline architectural and engineering design firm providing design services including architectural, civil, structural, mechanical, electrical, plumbing and fire protection. Construction management activities including code review, liaison with government agencies, construction monitoring, payment applications, project schedules Structural design or major buildings of all types including steel, concrete, and masonry, as well as repairs and renovations to existing buildings. Preparation of expert reports and testimony regarding design, analysis; review of installed construction and construction project management activities.

Licenses and Certifications:

Professional Engineer (P.E.) New Jersey, License # 24GE03301800
Professional Engineer (P.E.) Pennsylvania, License # 039439R
Professional Engineer (P.E.) New York, License # 082800

Project Experience:

The College of New Jersey, Trenton, New Jersey

Owner's Representative - Reporting to the Vice President of Campus Planning and Co.

Engaged to perform construction project management and owner's representation services for three new design parking decks, 27kva distribution, new athletic field, road realignment, installation of fire pump upgrades, and various campus infrastructure projects.

Duties included preparation of design/build construction documents, project oversight including project meetings, review of payment requisitions, change orders, construction inspections and project close-out.

Hoboken Grand – Jackson Street, Hoboken, New Jersey

Design Engineer

Structural Design of 12 story midrise construction over a two level parking deck in Hoboken, New Jersey. Completed project with Dennis Devino Architect.



Princeton University, Princeton, New Jersey

Various campus projects including renovations to Jadwin Gym, Frick Hall, Installation of Microsteam turbine and renovations to the University Bookstore and Blair Hall.

Motorola, South Plainfield, New Jersey

Interior renovations of 300,000 square foot interior including the replacement of two 900 ton BAC cooling towers, pumps, piping, air handling units and terminal devices.

The Residences at Palmer Square – Princeton, New Jersey

Prepared engineering construction documents (Structural, mechanical electrical and plumbing) for luxury midrise condominiums and apartments built over a two story parking deck in downtown Princeton, New Jersey.

Professional Experience:

Wayman C. Wing Engineers, New York, New York, 1979 – 1982, Engineer in Training

CUH2A Architects and Engineers, Princeton, New Jersey, 1982 – 1989, Project Structural Engineer – Licensed 1986

HACBM Architects, Engineers & Planners, Lawrenceville, New Jersey, 1989 – 2011, Managing Principal Director of Engineering

EFI Global, Piscataway, New Jersey, 2011 – Present, Senior Structural Engineer

Education:

Stevens Institute of Technology, Hoboken, New Jersey, Bachelor's Degree

**Litigation CV available upon request.