

# E. Michael Canalley, PE

## SENIOR STRUCTURAL ENGINEER

Mr. Canalley has over 20 years of professional experience in the structural engineering discipline. He is a dynamic individual able to draw on practical engineering experience to develop creative yet cost effective solutions. His experience includes structural design and analysis for projects ranging from state of the art laboratories to the adaptive reuse of century old structures. Mr. Canalley has worked predominantly with health care, educational, commercial, pharmaceutical and power control businesses. His responsibilities have included: BIM modeling, preparation of structural drawings including design, documentation and coordination from schematic through final design; architectural and mechanical coordination; extensive analytical computer modeling; construction phase services including review of vendor shop drawings, site visits and the coordination and resolution of construction issues; editing specifications and preparation of proposals, including budget estimates, for potential projects.

### RELEVANT PROJECT EXPERIENCE

**PASSAIC VALLEY SEWAGE COMMISSION**  
Newark, NJ

**BAYER**  
Springhouse, PA

**BMS**  
New Brunswick, NJ

**FISHER SCIENTIFIC**  
Allentown, PA

**LONZA**  
Walkersville, MD

**MERCK & CO.**  
West Point, PA

**LONZA**  
Walkersville, MD

**FERRING PHARMACEUTICALS**  
Parsippany, NJ

**SYMRISE**  
Branchburg, NJ

**NJDOT**  
Old Bridge Township, NJ

**COCA-COLA**  
Waco, TX

**THERMO FISHER SCIENTIFIC**  
Holtsville, NY

**LUITPOLD**  
New Albany, OH

**JUBILANT**  
Salisbury, MD

**ONCOBIOLOGICS**  
Cranbury, NJ

**MEDICAL TECHNOLOGY ASSOCIATES**  
East Whiteland Township, PA

**JOHNSON & JOHNSON**  
New Brunswick, NJ

**WEST-WARD PHARMACEUTICALS**  
Columbus, OH

**HOWELL LANES SOLAR**  
Howell, NJ

**CHOP**  
Philadelphia, PA

**PFIZER**  
Carlisle, PA

**JANSSEN**  
Springhouse, PA

**ABINGTON MEMORIAL HOSPITAL**  
Abington, PA

**CUMBERLAND COUNTY COLLEGE**  
Vineland, NJ



### EDUCATION:

Villanova University  
B.S., Civil Engineering  
Villanova University  
M.S. Civil Engineering

### PROFESSIONAL CREDENTIALS:

Professional Engineer in: PA

### PROFESSIONAL ASSOCIATIONS:

- American Society of Civil Engineers
- American Institute of Steel Construction
- Delaware Valley Association of Structural Engineers

**BIO-MANGUINHOS**  
Rio De Janeiro, Brazil

**GOUCHER COLLEGE**  
Baltimore, MD

**HOLY FAMILY UNIVERSITY**  
Philadelphia, PA

**MAX ENVIRONMENTAL**  
Yukon, PA

**M.S. HERSHEY MEDICAL CENTER**  
Hershey, PA

**MYLAN PHARMACEUTICALS**  
Sugarland, TX

**NORAMCO**  
Wilmington, DE

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## SENIOR STRUCTURAL ENGINEER

### PHILADELPHIA HOUSING AUTHORITY

Philadelphia, PA

### TEVA

West Chester, PA

### THOMAS JEFFERSON UNIVERSITY

Philadelphia, PA

### VANGUARD

Wayne, PA