



Education

B.A. - Communications
Ursinus College

Graduate Studies in Business
St. Joseph's University

Continuing Education

ASSE Plumbing Design School
SFPE Sprinkler Design for Engineers
Engineer's Club of Philadelphia
Sprinkler Systems Basics
Advanced Sprinkler System Design

Affiliations

American Society of Plumbing
Engineers (ASPE)
Bucks County Chamber of Commerce
Society of Fire Protection Engineers
(SFPE)

Certifications

Certified In Plumbing Design, CPD
NICET Level III, CET

Expertise

Plumbing & Mechanical Systems
Fire Sprinkler Systems
Fire Suppression Systems
Medical Gas Systems
Laboratory Gas Systems
Purified Water Systems
Specialty Waste Drainage Systems
AutoCAD, Word and Excel

Publications

"Fire Protection Systems," article for
Plumbing Systems & Design Magazine;
2007

"Challenges of a Historic Renovation,"
article for *Plumbing Systems & Design
Magazine*; 2006

"Design Considerations for Senior
Care Facilities," Presentation at ASPE
Philadelphia Chapter 2005 Product
Show

"Specialty Waste Drainage Systems,"
article for *Plumbing Systems & Design
Magazine*; 2004

Stephen Ziga, CPD, CET

Mr. Ziga has over ten years of practical experience in the design and construction of plumbing and fire protection systems. His engineering expertise includes basic Plumbing Systems (natural gas, sanitary, domestic cold/hot water etc.), Fire Protection Systems, Clean Agent Fire Suppression Systems, Medical Gas Systems, Laboratory Gas Systems, Purified Water Systems & Specialty Waste Drainage Systems. His past client project types include: Healthcare, Academic, Life Science, Commercial and Residential. He pushes to improve conventional design standards and methods to create a better form of engineering documentation. His background in engineering and organizational communication helps to create an excellent channel of communication and coordination between owner, client and engineer.

Highlighted Clients / Projects

Penn Color, Hatfield, PA — Laboratory & Warehouse Facility
Newton Memorial Hospital, Newton, NJ — Ambulatory Care Expansion
Duke University, Raleigh, NC — Hotel Conference Center
Long Island Jewish Medical Center, Hyde Park, NY — Cardio Catheterization Suite
Bryn Mawr Hospital, Bryn Mawr, PA — Fire Protection System Upgrades
DuPont Pharmaceutical, Wilmington, DE — 220,000 Square Foot R&D Facility
Merck Inc., Bluebell, PA — 100,000 sq ft Bluebell Office Renovation
Merck Inc. Headquarters, Upper Gwynedd, PA — 500,000 sq ft new Corporate Headquarters
Jersey City Medical Center, Jersey City, NJ — 400,000 sq ft New Hospital and Ambulatory Care Facility
Hope College, Holland, MI — Peale Science Building
Penn State University, State College, PA — Nittany Parking Garage Expansion
Hunterdon Medical Center, Hunterdon, NJ — Emergency Department Expansion and ICU Renovations
Johnson & Johnson / Vistakon, Jacksonville, FL — 180,000 sq ft R&D Facility
Johnson & Johnson / Centocor, Springhouse, PA — Manufacturing Expansion
The Hospital at the University of Pennsylvania, Philadelphia, PA — OR & PACU Upgrades
Ashland University, Ashland, Ohio — Science Center
University of Pennsylvania, Philadelphia, PA — Veterinary Medicine School
NJEDA, High Technology Campus — Camden, NJ
Dell Properties, Audubon, PA — Phase 2 of Retirement Community
Marriott Hotel, Gladwyn, PA
Devon Self Storage, Philadelphia, PA, Pennsauken, NJ, Warminster, PA — Fire Protection Upgrades
Raymour & Flannigan, King of Prussia, PA
421 Chestnut Street, Philadelphia, PA — Condominiums