



William Pyznar, B.S.A.E., B.S.C.E., P.E.

Principal

EDUCATION:

Bachelor of Science, Architectural Engineering, Drexel University

Bachelor of Science, Civil Engineering, Drexel University

LICENSES/CERTIFICATIONS:

Licensed Professional Engineer – P.E.

Connecticut

Delaware

Florida

Maryland

New Jersey

New York

Pennsylvania

Vermont

Virginia

Washington D.C.

Certified Exterior Insulation Finish Systems (EIFS) Special Inspector, NJ

Certified Forensic Structural Inspections: Examination, Diagnosis and Remedy for Building Structures

Certified Concrete Fundamental Methods and Principles, New Jersey

SIKA: Deck, Epoxy, Concrete Repair, Roof, Concrete Strengthening, Sealants

MEMBERSHIPS:

American Society of Civil Engineers

International Code Council (ICC)

Structural Engineering Institute

National Society of Architectural Engineers

Sealant Waterproofing and Restoration Institute (SWRI)

International Concrete Repair Institute

RCI Roof Consultants Institute

National Fire Protection Association (NFPA)

CAI-NJ, Board of Trustees- Past Vice President, Past Treasurer, Past Board Member

PROFILE:

Mr. William Pyznar is the Managing Principal for engineering design and project management for the firm's building-related work, in addition to overseeing the daily operations of the firm. Included in his responsibilities are inspections and analysis of building components and structures, preparation of testing requirements and procedures and the preparation of condition reports. Mr. Pyznar's experience is in both residential and commercial construction, including low-, mid- and high-rise structures. Mr. Pyznar has been the engineer of record on 150 projects.

Specifically, Mr. Pyznar has extensive experience in building water infiltration detection and waterproofing designs, building ventilation issues, low-slope and steep-slope roofing designs, façade repair and replacement designs, fire separation requirements, sound attenuation and insulation requirements. He is also responsible for the analysis and remedial design of structural failures and deficiencies in frame construction, parking garages and masonry construction buildings. He is an expert in the building envelope, including aspects of roofing, building façade issues and coverings including veneer walls and attachments, Exterior Insulation and Finish Systems (EIFS), and traditional siding and stucco systems.

For private clients, Mr. Pyznar is responsible for our Fast Track Project Remediation Service for those that have suffered catastrophic losses from flood, fire or other disasters. Heading the team, he works with the owners, management and local authorities to provide time efficient remedies to each situation.

Mr. Pyznar works closely with integrating the firm's energy-related projects concerning building design, and implements an overall holistic approach to building upgrades, improvements and energy efficiency projects.

Mr. Pyznar has extensive involvement in investigation and the preparation of documentation in support of claims and litigation related to construction defects and deficiencies including providing professional testimony; he has also assisted numerous clients on the successful pursuit of material failure claims.

Mr. Pyznar's additional responsibilities include, design of plans and specifications of reinforced concrete structures, including retaining walls, slabs balconies and footings, development of plans and specifications of timber structures, including remedial modifications to both multi-family and common facilities, preparation of plans and specifications for mechanical support systems and masonry support structures.

Published Articles:

The View of Your Window is Not Always the Same

Transition – From Developer to You – The Basics

Siding Options

Roof Replacements: No Margin for Error

*Construction Project Management: The Engineer/
Contractor/Management Relationship*

*Preventative Maintenance: Programs for Today's
Communities*

*Maintaining Your Low-Slope Roof System through a
Preventive Maintenance Program*

*Synthetic Stucco – Attractive Alternative or Potential
Disaster?*

*Exterior Insulation and Finish Systems (EIFS) – What is
the Problem?*

Condensation: Water Damage Without Leaks

Toxic Mold Environments: Moisture and My Building

Keeping Buildings Dry: Containing Water Damage

*Is Your Parking Structure Sound? Peace of Mind through
Preventative Maintenance*

*Shoreline Stabilization: The importance of Protecting and
Inspecting Seawalls*

Experience:

*Partner, Principal, Falcon Engineering & Consulting
Services*

Managing daily operations of company
Specialist in investigation and remediation of construction
deficiencies
Building envelope and structural investigations and
reporting
Research and development
Quality assurance and product evaluation
Specification production and coordination
Project design and budget review

*Managing Partner, Falcon Architectural Services,
Architectural Design and Consulting Services*

Managing daily operations of company
Specialist in investigation and remediation of construction
deficiencies
Building envelope and structural investigations reporting
Research and development
Quality assurance and product evaluation

Project Manager, Consulting Engineering

Building envelope and structural investigations reporting
Project Management
Specification preparation
Site Inspections

Continuing Education:

Cost Estimating in the Construction Industry

Coastal Construction - Designing The Building

Concrete Condition Evaluation and Damage Assessment

Structural Condition Assessment

Firestop Solutions - Firestopping Fundamentals

Dow Building Services - Advanced Moisture Management

Lorman - LEED Tax Incentives and Credits for Green
Buildings

Principles of Engineering Economy

Lorman - Noise Control Design for Condominium and
Multi-family Dwellings

Florida Updated Laws and Rule

Energy Symposium: How Valuable is your Roof?

TectaAmerica Energy Symposium

Brickwork / Masonry Seminar

AIA Standard Contract Forms 'New Generation'

ILevel, Residential Engineered Lumber

Cathedral Stone Products

RCI - Symposium on Building Envelope Technology

Sika - TCM Monitoring and Solutions for Steel Frame
Building Corrosion

Pella - Windows—An Environmental Perspective

ACI - Troubleshooting Concrete Construction Lecture
Seminar

BURSI - Design and Technology of Roofing Systems

ICRI - Practical Approach to Façade Inspection

ICRI - Local Law 11/98

Sika - Total Corrosion Management

Lorman - NJ Law for Design Professionals

Ethical Issues in Forensic Engineering

Successful Parking Design and Planning

Generating Electricity from Variable Renewable Sources

Introduction to Fire Protection Engineering for Buildings

Sika - Epoxies

Sika - Repair

Sika - RoofPro

Sika - DeckPro

Sika - Strengthening

Sika - Sealants