

The Falcon Group
Matthew Furlong
Senior Project Manager – Forensic Investigations
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Matthew W. Furlong CBC, RBC, and ICC member

Summary:

- Commercial Building Contractor
- Residential Building Contractor
- Certified Forensic Consultant
- 50+ OSHA Training Hours
- Virginia Class A Contractor
- District of Columbia General Contractor
- ICC Inspector for Building, Mechanical, Electrical, & Plumbing Systems
- FEMA Training
- Notary Public

Contractor Licenses:

- Virginia Class ‘A’ Contractor License #: 2705141942
- District of Columbia General Contractor License #: 410518000158
- Pennsylvania Home Improvement Contractor #: PA148193

Work Experience:

2019 – Present: The Falcon Group, LLC

Forensic engineering, scientific investigations, failure analysis, technical reporting, and expert witness testimony for construction claims and litigation matters.

2015 – 2019: Först Consulting Group, LLC

Professional consulting services, litigation support, and subject matter expert testimony for homeowners, contractors, architects, attorneys, and insurance companies in the construction industry.

- Forensic investigations related to construction deficiencies; building code compliance; contract review and analysis; construction delay analysis; construction injury investigation. Specialties include: Building pathology, structural capability, home energy performance, EIF’s and stucco, insulation and attic ventilation, siding/ facades and rain screens, water and air infiltration, vapor retarder/ barriers, infrared thermography, moisture management, exotic hardwoods, failed shower systems.
- Leveraging my extensive knowledge and expertise of building and construction practices, as well as job-site health and safety in order to provide consumers and the legal community with relevant opinions and professional advice.

2011 – 2019: Nova Custom Builders, LLC

Providing consulting services, general contracting, project management, and jobsite safety serving corporate and private clientele. Responsible for overseeing all aspects of the business including site supervision, office administration, finance, budgeting, and marketing. Work with local, state, and federal officials to ensure regulatory compliance.

Experience and background range from high-end new custom home construction, interior renovations and additions, green building and energy efficient homes, commercial work, historical renovations, timber-framing, and creating elaborate custom interiors in prestigious estate-sized homes. Highlights include:

- Project management and consulting for VMW Interior Supply, LTD. Acted as a liaison between VMW Interior Supply and general contractor, John Moriarty and Associates. Projects included a \$1.2 million-dollar, 269-unit apartment high-rise in Arlington, Virginia, and a \$1.5 million dollar 107 room luxury suite and spa in Alexandria, Virginia. Duties included generating take-offs, presenting estimates, managing project budgets, overseeing project teams, ensuring adherence to blueprints, technical drawings, and precision fit and finish
- Contracted to install custom interior finishes and millwork in several very unique and prominent Virginia and Maryland estate homes with budgets ranging from \$1.5 -\$6.5 million, including Salamander Farm in Middleburg, Virginia
- Contracted for high-end residential remodeling. Responsible for total demolition and renovation of kitchens, bathrooms, and other living spaces. Duties include the modification and installation of new and existing electrical components; installing appliances, and the reconfiguration of plumbing supply and waste lines; installation of tile, marble, slate, and granite floors, back-splashes, and countertops; installation of custom cabinetry, craftsmanship of fine woodworking, and complete punch-out duties
- Designed, managed, and constructed a two-story addition on a 19th century historic farmhouse in Loudoun County, Virginia while adhering to the state's historic preservation building codes
- Contracted for crew management and site supervision of framing multiple estate-sized custom homes, residential additions, and complete build-out of commercial office buildings and tenant spaces

2002-2011: Matthew Furlong Custom Interiors/ Zepa Architectural Millwork

Custom Building and Installations: Installations and build-out of custom staircases, library/ study and home office packages, fireplace mantels, built-in cabinetry, and other high-end custom interior millwork, including complete homes and home renovations.

2000 - 2002: Gilford Trim and Millwork, Inc.

Custom Woodworker/ Cabinet Maker: Duties included building, installing, and finishing custom railings and staircases, elaborate bookcases, mantels and libraries, shaping wood / bending wood, site management and operating commercial woodshop equipment.

2000: Curtiss Renovation, Inc.

General Carpentry: Residential remodeling of kitchens, bathrooms, and additions; kitchen cabinetry installation; window and door replacement; rough-in plumbing and electrical; hardwood floor installs and re-finishing.

1998 – 2000: Complete Auto Repair, Inc.

Michigan State Licensed Automotive Technician (expired): Responsible for vehicular preventative maintenance; removal, replacements, and overhauls of engines, transmissions, front-ends, electrical, and braking systems in passenger and heavy-duty vehicles.

Additional Information and Experience:

Qualified to provide reliable expert testimony and findings of fact for depositions, hearings, and trial proceedings; liaison to structural engineers, architects, and other cohort witnesses of fact.

Suburb analytical, research and investigative skills; expert knowledge of national and local building code compliance.

Superior ability to read, comprehend, and formulate conclusions based on blueprints and approved design plans.

Broad knowledge base of energy efficiency homes, building envelope, wood species, structural building, electrical, plumbing, and mechanical systems.

Developmental site work: Experience operating and maintaining heavy-duty equipment for site clearing, foundation footers, debris removal, crane operation, and survey engineering for grading, drainage, and erosion control.

Business relationships include Owners, Architects, Engineers, Interior Designers, Attorneys, and personal Clients.

Independent Education:

Texas A&M Engineering Extension Service (TEEX) member: Student ID: 1575541

- Foundations of Courtroom Testimony – 16 Hour Course

American College of Forensic Examiners Institute (ACFEI) member: Student ID: 117164

- Certified Forensic Consultant (CFC)

International Code Council (ICC) member ID: 8789900

- B1 Residential Building Inspector certified
- E1 Residential Electrical Inspector certified
- P1 Residential Plumbing Inspector certified
- M1 Residential Mechanical Inspector certified
- R5 Combination Residential Inspector certified
- B2 Commercial Building Inspector certified

Hillsdale College:

- Successful online completion of Constitution 101 – The Meaning and History of the Constitution

Professional Associations:

- American Bar Association (ABA): Member ID: 03135408
- National Fire Protection Association (NFPA): Member ID: 3223151
- International Code Council (ICC): Member ID: 8789900
- Better Business Bureau (BBB): Business ID: 236021983
- National Association of the Remodeling Industry (NARI): Member ID 12623217 (expired)

Demonstrated Safety, Awareness, and Emergency Management:

Occupational Safety and Health Administration (OSHA) training:

- OSHA-10 Hour certified
- OSHA-30 Hour certified
- OSHA-7505 Introduction to Accident Investigation certified, 7.5 contact hours
- OSHA Hazardous Communication Standard (HCS) certified, 1.0 contact hour
- Successful online completion of Fall Protection for Construction, 1.0 hour
- Successful online completion of Electrical Safety, 1.0 hour
- Successful online completion of Lockout/Tagout, 1.0 hour

Federal Emergency Management Agency (FEMA) training:

- IS-29 Public Information Officer Awareness (POI) certified
- IS-100.b Introduction to Incident Command System (ICS) certified
- IS-200.b ICS for Single Resources and Initial Action Incident certified
- IS-700.a National Incident Management System (NIMS) certified
- IS-800.b National Response Framework certified
- WMD/ Terrorism Awareness for Emergency Responders (AWR-160) certified

Additional Certifications and Training:

- ThermaTru Certified Door System Installer, ID: 13219617
- CertainTeed Master Shingle Applicator
- CertainTeed Insulation Master Craftsman
- Certified Notary Public for the Commonwealth of Virginia, Notary Registration: 7759776
- Designing and Constructing Flood-Resistant Buildings: 6.5 CEU's
- 2018 International Existing Building Code (IEBC) Seminar: 6.0 CEU's
- 2018 International Energy Conservation Code (IECC) Seminar: 6.0 CEU's
- EPA Lead-Safe Certified Renovator, certificate number: R-I-106481-13-00097
- NAUI Rescue Diver certified
- PADI Public Safety Diver certified (introduction to underwater forensics, rescue and recovery)
- Successful completion of the Virginia Boating Safety Course
- Emergency Vehicle Operator III licensed (EVOC III)
- Farm Equipment and Heavy Machinery Extrication certified
- Employed as an on-site EMT and ERT for the Federal Government during the construction of the new National Geospatial-Intelligence Agency building in Springfield, Virginia
- Virginia Emergency Medical Technician (expired license): First responder to accidents, incidences, and injuries; provided basic life support and transport; pre-hospital patient care reporting
- Michigan Stated Licensed Automotive Technician (expired license)

Factory and Manufacturer Training/ Certifications:

- Schluter Systems
- James Hardie Siding
- Marvin Doors and Windows
- Superior Walls of Central VA
- Wolf/Fiberon Products
- Simpson Strong-Tie
- Trex Decking
- Blueprint Robotics
- Pella Windows and Doors
- Nest Pro
- Wedi Corp.
- Signature Door
- ThermaTru Doors/OSI
- CertainTeed

Awards/ Recognitions/ Achievements:

- Numerous letters of satisfaction from Karl Rove – Chief of Staff to President George W. Bush
- Special Tribute from House of Representatives, State of Michigan
- Awarded a one-year scholarship to Associated Builders & Contractors apprenticeship program

Testimonies/Litigation Support:

Arbitration Hearings:

- Vasilenko V. Evergreen, Inc. 8/8/2014
- Schiano V. Innovative Realty Solutions, LLC 10/27/2016
- Saeedi V. Tatari, Inc. 08/15/2017
- Mitchell V. The Woodward Group, Inc. 11/29/2017
- Precision Contracting Solutions, Lp. V. Vicky More 5/25/2018
- Atra Construction V. Ramin Aleyasin 3/28/2019 Case #: 02-17-0005-8578
- Wong V. Merrion Homes: 01/28/2020

Court Proceedings:

- Kathleen Conlon V. Custom Structures Building, Inc. Case # CL 17-0733
- Schiano V. Innovative Realty Solutions 06/30/2017 Case #: CL 16-6022-02
- Aminrazavi V. Metropolitan Investment Group, LLC 02/2015

Depositions:

- Thorsen Construction, Inc. V. Laura and Ed Lonergan 9/26/2019

Media Contributions/ Publications:

- Loudoun Now - July 2017 issue, “Först Consulting Group Forms in Bluemont”
- Viva Tyson’s Magazine - September 2017 issue, “Be Your Own Best Advocate”
- Middleburg Life Magazine – August 2018 issue, “A Dream Gone From Bad to Good”