

Matthew 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

General Contractor Licenses:

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

Work Experience:

2023 - Present: Först Consulting Group, LLC

The Falcon Group

2021 – 2023: Director of Construction Litigation

2019 – 2021: Senior Project Manager – Forensic Investigations

Forensic engineering, scientific investigations, failure analysis, technical reporting, and expert witness testimony for construction claims and litigation matters. Professional consulting services, litigation support, and subject matter expert testimony for homeowners, contractors, architects, attorneys, and insurance companies in the construction industry.

2015 – 2019: Först Consulting Group, LLC

- Forensic investigations related to construction deficiencies; building code compliance; contract review and analysis; construction delay analysis; drainage and erosion evaluations. Specialties include: Building pathology, structural capability, home energy performance, EIF's and stucco, insulation and attic ventilation, cladding and masonry, rain screens, water and air infiltration, vapor retarder/ barriers, infrared thermography, moisture management, exotic hardwoods, failed plumbing 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 (licensing is maintained and active)

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:

- Contracted for high-end custom residential remodeling and home building. 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.
- 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.
- 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/ Zepso 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 in multi-jurisdictions 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.
- Superb 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 building envelope, wood species, structural components, electrical, plumbing, mechanical systems, and energy conservation.
- Experience operating in and using construction industry project management cloud software such as Procore, Buildertrend, and Archisnapper.
- 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 – 07/2017
- E1 Residential Electrical Inspector certified – 08/2017
- P1 Residential Plumbing Inspector certified – 09/2017
- M1 Residential Mechanical Inspector certified – 09/2017
- R5 Combination Residential Inspector certified – 07/2018
- B2 Commercial Building Inspector certified – 02/2020
- M2 Commercial Mechanical Inspector certified – 07/2023

Hillsdale College:

- Successful completion of Constitution 101 The Meaning & History of the Constitution

Professional Associations:

- American Bar Association (ABA): Member ID: 03135408 (expired)
- National Fire Protection Association (NFPA): Member ID: 3223151
- International Code Council (ICC): Member ID: 8789900
- Better Business Bureau (BBB) Accredited: Business ID: 236021983 (expired)
- 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, Training, and Continuing Education:

- Virginia 2021 Uniform Statewide Building Code: 7 hours
- 2018 Code Change Training – 2018 ISPSC: 0.5 Hour
- Legal Aspects of Code Administration, 2017 edition: 6.0 CEU's
- 2018 Code Change Training – 2017 NFPA (NEC) & 2018 VRC Part VIII-Electrical: 3 Hours
- 2018 Code Change Training – Virginia Residential Code: 2.5 Hours
- 2018 Code Change Training – Residential Energy: 0.5 Hour
- 2018 International Existing Building Code (IEBC) Seminar: 6.0 CEU's
- 2018 International Energy Conservation Code (IECC) Seminar: 6.0 CEU's
- 2018 IRC Significant Changes: 6.0 CEU's
- 2015 Virginia Uniform Statewide Building Code Changes: 1.0 CEU
- 2015 Virginia Code Change Training-Electrical Provisions: 1.0 CEU
- 2015 Code Change Training – Plumbing: 1.0 CEU
- Building Science and Residential Energy Efficiency: 4.0 CEU's
- Rockwool Airtight Vapor Open Webinar: 1.5 hours
- Wolf Home Products – Moisture Management and Exterior Cladding Performance: 1 AIA
- GAF Building and Roofing Science Workshop: 2 hours
- Infrared Thermographer Level 1 Certified
- CertainTeed Master Shingle Applicator Certified
- CertainTeed Insulation Master Craftsman
- ThermaTru Certified Door System Installer, ID: 13219617
- Certified Notary Public for the Commonwealth of Virginia, Notary Registration: 7759776
- Designing and Constructing Flood-Resistant Buildings: 6.5 CEU's
- EPA Lead-Safe Certified Renovator course, certificate number: R-R-99273-20-00330
- NAUI Rescue Diver certified

- PADI Public Safety Diver certified (introduction to underwater forensics, rescue and recovery)
- Successful completion of the Virginia Boating Safety Course

Factory Tours and Manufacturer Training/ Certifications:

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

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
- Falcon Professional of the Year award – 2021
- Falcon Outstanding Service award – 2023

Testimonies/ Litigation Support:

Arbitration Hearings:

- Nashman V. Brush Arbor, LLC 1/10/2023, Fairfax County, Virginia
- Vasilenko V. Evergreen, Inc. 8/8/2014, Loudoun County, Virginia
- Schiano V. Innovative Realty Solutions, LLC 10/27/2016, Prince William County, Virginia
- Saeedi V. Tatari, Inc. 08/15/2017, Fairfax County, Virginia
- Mitchell V. The Woodward Group, Inc. 11/29/2017 Case #: 01-17-0005-7610, Fauquier County, Virginia
- Precision Contracting Solutions, Lp. V. Vicky More 5/25/2018 Case #: 01-17-0001-3504, Washington, D.C.
- Atra Construction V. Ramin Aleyasin 03/28/2019 Case #: 02-17-0005-8578, Fairfax County, Virginia
- Wong V. Merrion Homes 01/28/2020 Case #: 5-500953, Fairfax County, Virginia
- Murtagh V. Harry Braswell, Inc., Alexandria, Virginia
- Ahmad V. Comstock Highlands, L.C. Case Number: 2018001165, Prince William County, Virginia

Court Proceedings:

- Monument Enterprises, LLC V. Council of Unit Owners of Woodlands Condominium, Case #: CAL22-21957, Prince Georges County, Maryland
- Mixons, et al. V. Graves Design and Remodeling, Inc. Case #: CL2022-0014516, Circuit Court of Fairfax County
- Kristen Ellis V. YRC Enterprise, LLC Case #: CAE21-09626, Jury Trial in Prince Georges County, Maryland
- English County Manor Condominium V. State Farm Insurance, Harford County, Maryland
- Lewandowski V. Mark Luther, D.B.A Access Real Estate Case #: C15-CV-22-000440, Montgomery County, Maryland
- Norma Martinez V. E&G Contractors 5/31/2022, Fairfax County, Virginia
- 495 Properties, LLC V. The Home Improvement Commission Guaranty Fund for losses incurred by The Northwest Capitol Builders, Inc. (MHIC Hearing) Case #: 20(90)770, Maryland
- Opal Custom, LLC V. Carswell Case #: 485118-V, Washington D.C.
- Tham V. Potomac Homes I, Inc., et al. Case #: 2020-10100

- NexGen Flight Solutions, LLC V. Hangar Associates, LLC Case #: C-20-CV-20-000069
- Dzikowski V. Wang Case #: 2018-11823
- Nwoke V. Woodmont Place 3, LLC, et al Case #: 2019 CA 006578 B, Washington, D.C.
- Niroo Construction, Inc. V. VCI Veliz Contractors, Inc. Case #: 481130-V, Montgomery County, Maryland
- Martinez V. Gramajo, et al. Case #: 2020-08281, Fairfax County, Virginia
- Harrell V. Douglas DeLuca Case #: 1:20-cv-00087-(LO-MSN), U.S. District Federal Court, Alexandria, Virginia
- Young V. John Azat Case #: 2019 CA 002144 R(RP), Washington, D.C.
- Stephanie Mills V. Architectural Exterior Design, Inc. Case #: 15-2097-00, Virginia Beach, Virginia
- Thorsen Construction, Inc. V. Laura and Ed Lonergan Case #: CL2019-00039, Fairfax County, Virginia
- James Martin, et al V. Jenkins Restorations, Inc. et al Case #: CL13-000-114, Henrico County, Virginia
- Kathleen Conlon V. Custom Structures Building, Inc. Case #: CL 17-0733, Virginia Beach, Virginia
- Schiano V. Innovative Realty Solutions Case #: CL 16-6022-02, Prince William County, Virginia
- Aminrazavi V. Metropolitan Investment Group, LLC 02/2015, Prince William County, Virginia

Depositions:

- Eire Insurance Exchange A/S/O Blevins V. Universal Heating and Plumbing Inc. Case #: CL19003793-00
- Murtagh V. Harry Braswell, Inc. 10/4/2021
- Harrell, et ux. V. Douglas DeLuca et al. 4/27/2021
- Thorsen Construction, Inc. V. Laura and Ed Lonergan 9/26/2019

Mediations:

- Unit Owners of Ivy City Flats CA V. Kadida Development Group, LLC 5/3/2022
- Moorings on the Magothy Condominium Association V. Rapid Restoration 10/08/2021
- McInerney V. Paz 03/04/2020

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"
- Design + Build Magazine – September 2020 Issue, "*Construction Forensics: Tips for Avoiding Building Pitfalls*"