



**ROBERT W. DAVIDSON, AIA  
REGISTERED ARCHITECT  
PRESIDENT**

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Robert W. Davidson, a native Washingtonian, formed Davidson & Associates Construction Analysts, Inc. in 1979. Mr. Davidson's keen interest in construction, has shaped a consulting firm that provides a wide range of expertise related to construction technology, emphasizing building envelope design (including waterproofing and fenestration systems), construction assemblies (fire and sound), sequencing and constructability.

Mr. Davidson has over 30 years of experience providing substantive project specific consulting, including: forensic evaluations (restoration), quality assurance peer reviews, and third-party construction observation services on high-profile and complex structures. Mr. Davidson has provided comprehensive expertise to diverse entities including: major developers, prominent architects and engineers, leading local and national contractors, embassies, hospital systems, governmental entities and universities.

Mr. Davidson's extensive background involves all phases of architecture; specializing in analysis of design and construction for new and existing projects; analysis of existing conditions; restoration/remedial design, construction administration and construction management. Mr. Davidson has also assisted legal counsel in providing expert testimony in over 100 litigation and mediation cases through his application of the science of forensic architectural and engineering analysis and design including construction methodology, waterproofing, building systems and building envelopes.

*Education:*

University of Notre Dame, Bachelor of Architecture

*Architecture Registration and Certifications:*

- District of Columbia
- State of Maryland
- Commonwealth of Virginia
- State of Pennsylvania

*Affiliations:*

- American Institute of Architects
- International Code Council
- American Concrete Institute

*Awards & Recognitions:*

- Chairman of Forensics Committee / AIA Center for Building Science and Performance (Currently Technical Design for Building Performance)
- Masonry Flashing Award of Merit Winchester Medical Center – 2008

*Seminars, Presentations, and Training Programs:*

**"Defending Against Capital Improvement Petitions Filed Pursuant to Section 212 of The Rental Housing Emergency Act of 1985"** commissioned by Office of the Tenant Advocate, DC Government (2017)

**"Condominium Project Litigation: Common Pitfalls & Lessons Learned"** commissioned by Balfour Beatty Construction (2015)

**"Analysis Program for Substantiation of Actual vs. Projected Energy Savings from Window Replacement Programs in Apartment Buildings"** commissioned by Office of the Tenant Advocate, DC Government (2013)

**"Building Envelope Commissioning: Discussion with an Architect, a Construction Manager, and a Forensic Specialist"** presented to Virginia Educational Facility Planners (VEFPP) (2008)

**"Quality Management Program, Seminar #1: Structural Systems and Exterior Wall Assemblies Selection Criteria"** commissioned by an international architectural firm as mandatory in-house training for 150 architects (2004)

**"Quality Management Program, Seminar #2: Sheathing, Air Barrier, Vapor Barrier, Insulation Types / Masonry Veneer Assemblies"** commissioned by an international architectural firm as mandatory in-house training for 150 architects (2004)

**"Quality Management Program, Seminar #3: Wood Frame Construction / Non-masonry Veneer Systems and Exterior Components"** commissioned by an international architectural firm as mandatory in-house training for 150 architects (2004)

**"Quality Management Program, Seminar #4: Common Causes of Water Infiltration"** commissioned by an international architectural firm as mandatory in-house training for 150 architects (2004)

**"Quality Management Program, Seminar #5: Vertical and Horizontal Travel/Fire and Sound Rated Assemblies"** commissioned by an international architectural firm as mandatory in-house training for 150 architects (2004)

**"Quality Management Program, Seminar #6: Accessibility Compliance, Design, and Construction"** commissioned by an international architectural firm as mandatory in-house training for 150 architects

**"Masonry Technology Seminar: Common Design Errors"** presented to select developer, architect, & contractor executives (2003)

**"Property Condition Assessment & Construction Loan Monitoring: Frequent Construction Defect Guidelines"** commissioned by real estate investment companies, trusts, and construction lenders (2002)

**"Maryland Construction Defect Claims"** commissioned by Lorman Education Services, Legal Profession (2001)

**"Construction Defects: What are the Rights of Associations and Their Homeowners"** presented to Condominium Association Institute (CAI), Chesapeake Region Chapter (2000)