



BC&E

Professional Qualifications

Linda M. McGowan, P.E., A.I.A.

Principal

EDUCATION

Bachelor of Architecture, Virginia Polytechnic Institute and State University, 1992

Bachelor of Science, Civil Engineering, Virginia Polytechnic Institute and State University, 1989

PROFESSIONAL REGISTRATIONS AND MEMBERSHIPS

Registered Professional Engineer in Colorado and Virginia

Licensed Architect in Colorado and Utah

National Council of Architectural Registration Boards

Memberships: Building Envelope Council - Colorado, Past-Chair
ASTM International
International Code Council

PROFESSIONAL EXPERIENCE

2005 - Present: Building Consultants and Engineers (BC&E),
Principal

1994 - 2004: Wiss, Janney, Elstner Associates, Inc.,
Lakewood, Colorado
Senior Associate and Affiliated Consultant

1990 - 1994: Olver, Inc.,
Blacksburg, Virginia
Consulting Engineer

1990 - 1994: CRS Sirrinc, Inc.,
Savannah, Georgia
Consulting Engineer

Ms. McGowan's career has focused on the investigation of a wide variety of problems with existing buildings, the evaluation of repair options, the design of associated repairs, and construction observation services during the repair work. Ms. McGowan has investigated numerous water leakage and deterioration problems with plaza and below-grade waterproofing systems, including related structural damage, and has designed and observed repairs. She has extensive experience in the evaluation and design of snow-country roofing systems, including cold roofs, cold attics, and super insulated roofs, and she has extensive experience in the design of snow and ice management systems. In addition, Ms. McGowan has been involved in the investigation of a wide variety of problems with diverse exterior cladding and fenestration systems and has designed and observed relevant repairs. She has expertise with cementitious stucco, exterior insulation and finish systems (EIFS), adhered stone veneer, brick, concrete block, stone masonry, precast and tilt-up concrete, windows, exterior doors, aluminum storefront and curtain wall framing systems, wood and vinyl siding, and metal cladding systems.

Her expertise allows her to effectively contribute to the design of these systems in new construction, and she has performed design review and construction observation services for architects, contractors, and developers. Ms. McGowan also performs expert services for building-related litigation.

Ms. McGowan began her career designing structures for paper and chemical manufacturing facilities in Georgia. Later, while employed with an environmental engineering firm in Virginia, Ms. McGowan's projects included the architectural and structural design of several solid waste handling facilities, large equipment maintenance facilities, and water and wastewater treatment plants.

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