MICHAEL L. BROWN, P.E., S.E. – Curriculum Vitae

EDUCATION

University of Colorado at Denver, B.S. in Civil Engineering, 2006
Coursework included general civil engineering topics with an emphasis in structural design.

REGISTRATIONS AND MEMBERSHIPS

Professional Engineer, Civil: California (2010), Colorado (2013), Connecticut (2014), Maine (2014), New Hampshire (2014), Rhode Island (2014), Vermont (2014), New Jersey (2015), New York (2015), Florida (2017), North Carolina (2018), Texas (2018). Area of specialty within Civil is Structural Engineering.

Professional Engineer, Structural: Massachusetts (2016)

American Society of Civil Engineers

EMPLOYMENT

Principal Engineer / Owner for engineering investigations of buildings; BAE Forensics, LLC from 2024 to present.

Senior Structural Engineer / Senior Project Engineer for engineering investigations; C. A. Pretzer Associates Inc., Cranston, RI, from 2023 to 2024.

Senior Forensic Structural Engineer / Team Lead for the forensic evaluation of damage to existing buildings for EFI Global, Nashua, NH, from 2019 to 2023.

Project Engineer and Senior Project Engineer for the forensic evaluation of damage to existing buildings for Envista Forensics, Nashua, NH, from 2014 to 2019.

Project Engineer for the evaluation of existing structures and building envelopes for Gale Associates, Weymouth, MA, from 2012 to 2014.

Project Engineer for the evaluation of damage and construction deficiencies of existing structures for AEI Corporation, Littleton, CO, from 2010 to 2012

Intern, Staff Engineer, and Project Engineer / Manager for the design of total precast concrete structures for FDG, Inc., Arvada, CO, from 2006 to 2010

AREAS OF EXPERIENCE

Engineering Consultation and Investigation

Responsible for observing and analyzing residential and commercial buildings for the purpose of rendering an engineering opinion on the cause of damage, extent of damage, and method of repair. An understanding of applicable building codes, specifically as code provisions relate to existing structures, assists in providing supportable repair recommendations, either to a pre-damaged condition or to a code upgraded condition, if warranted.

Investigations include damage to structural components, damage to various building materials, problems with building envelope components (roofing, walls, windows…), and problems due to poor soil conditions and improper grading.

I have been an engineer for over 20 years and have experience evaluating more than 2,000 residential and commercial structures with a variety of damage.