



Professional Qualifications

Abby J. Hunkler, P.E.

Associate

EDUCATION

Bachelor of Science, Civil Engineering, Tufts University, 2014

PROFESSIONAL REGISTRATIONS AND MEMBERSHIPS

Registered Professional Engineer in Colorado and California

PROFESSIONAL EXPERIENCE

2020 - Present: Building Consultants & Engineers (BC&E),
Associate

2019 - 2020: Tetra Tech, Inc.
Marlborough, Massachusetts
Civil Engineer

2014 - 2019: Simpson Gumpertz & Heger, Inc.
Boston, Massachusetts
Building Technology Project Consultant

Abby Hunkler has experience in a variety of practice areas relating to the assessment, repair and rehabilitation of building envelope and structural systems, including historic and contemporary facilities.

Mrs. Hunkler is knowledgeable in the evaluation and repair of existing structures, including brick, concrete or other stone façade repairs, window replacements, roof repairs or replacements, and plaza and below-grade waterproofing. Her experience includes performing building investigations to determine the extent of damage or deterioration to the structure and confirm as-built conditions, evaluating repair options for appropriateness and effectiveness, and developing repair documents. She also has experience in the evaluation and design of snow-country roofing systems, including the design of snow and ice management systems.

Ms. Hunkler has also completed numerous property condition assessments. On one project she was part of a team that performed surveys of 20 university residential facilities that ranged in age, size, and construction type on one campus in order to help the university prioritize repairs across the campus. On a similar project, she evaluated four early-1900 transitional masonry buildings currently utilized as classroom facilities for damage and distress, including performing exploratory openings at representative and severely distressed locations; and developed progressive repair options to help the college budget to properly repair and maintain their facilities.

Mrs. Hunkler is also experienced in design of building envelope components on modern buildings, including below-grade waterproofing, modern cavity wall construction with numerous façade types, curtain wall, and various roofing systems. She has performed construction observation roles for various construction projects to evaluate and test installed building envelope components. She routinely interfaces with clients and contractors to provide construction related design and administration services.

BC&E

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