



EDUCATION

- Rensselaer Polytechnic Institute
 - Bachelor of Science, Civil Engineering, 2005

PRACTICE AREAS

- Facade Assessment
- Historic Preservation
- Testing and Instrumentation
- Leakage Investigation
- Roofing and Waterproofing
- Construction Administration
- Repair and Rehabilitation Design
- Structural Evaluation

REGISTRATIONS

- Professional Engineer in CT
- LEED Accredited Professional (Building Design and Construction)

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- U.S. Green Building Council

CONTACT

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EXPERIENCE

Joseph Bukovec has participated in facade assessments, historic preservation, and structural assessments for a variety of building types. Many of his projects have included site investigations, analysis, repair design, production of construction documents, and construction observation services. Mr. Bukovec has also performed water leakage investigations, air and water infiltration testing, and roof uplift testing.

Prior to joining WJE in 2008, Mr. Bukovec worked for Whiting-Turner Contracting Company as an engineer and was involved with the management of large-scale construction projects. Mr. Bukovec's responsibilities included constructability reviews, value engineering analysis, construction observation, quality control, and contract administration.

REPRESENTATIVE PROJECTS

Facade Assessment

- 205 Church Street - New Haven, CT: Condition assessment and restoration of masonry facade
- Yale University, Laboratory for Epidemiology and Public Health - New Haven, CT: Condition assessment, repair, and cleaning of limestone facade
- Yale University, Yale Health Center - New Haven, CT: Construction observation and troubleshooting of building envelope components

Testing and Instrumentation

- Quinnipiac University, Crescent Residence Hall - Hamden, CT: High-voltage integrity testing of new single-ply roof assembly
- ESPN Building C - Bristol, CT: FM Global 1-52 uplift testing of new roof assembly
- Yale University, Yale Health Center - New Haven, CT: Air and water infiltration testing of building envelope components

Roofing and Waterproofing

- Yale University, West Campus, A42 Building - West Haven, CT: Design and construction observation of low-slope roof replacement
- Archbold Building, Choate Rosemary Hall - Wallingford, CT: Design and construction observation of slate roof replacement

Structural Evaluation

- Major Retail Chain - Various Locations: Field inspection, analysis, and repair observation of steel bar joists
- St. John the Baptist - Hoboken, NJ: Structural assessment, analysis, and repair design of timber-framed roof trusses