



EDUCATION

- The Pennsylvania State University
 - Bachelor of Science, Civil Engineering, 2008
 - Master of Science, Architectural Engineering, 2010

PRACTICE AREAS

- Facade Assessment
- Roofing and Waterproofing
- Failure Investigation
- Repair and Rehabilitation Design
- Structural Evaluation
- Water Penetration Testing
- Testing and Instrumentation

REGISTRATIONS

- Professional Engineer in NY

PROFESSIONAL AFFILIATIONS

- United States Green Building Council

CONTACT

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EXPERIENCE

Jared Shoemaker joined WJE in 2010 and has since been involved with more than thirty investigation, testing, and repair design projects. His experience includes damage assessment and retrofit design; investigation of structural and facade failures; and field testing of structures involving building facades, curtain walls, glass, and roofing systems.

While a graduate student at the Pennsylvania State University, Mr. Shoemaker was awarded a research assistantship. While there, he developed innovative methods of modeling and analysis of nonstructural components experiencing seismic accelerations. Mr. Shoemaker's work has been featured in multiple publications, including conference proceedings as well as industry sponsored publications.

REPRESENTATIVE PROJECTS

Facade Assessment

- Southside Hospital - Bay Shore, NY: Evaluation of masonry facade
- Manhattanville Bus Depot - New York, NY: Investigation of failure and evaluation of masonry facade
- 120 Broadway - New York, NY: Evaluation of masonry facade
- Ortho Clinic Diagnostics - Raritan, NJ: Investigation of failed stucco facade

Roofing and Waterproofing

- World Trade Center PATH Station - New York, NY: Observation of waterproofing installation and supplemental design services
- Spring Creek Towers - Brooklyn, NY: Assessment and repair of roofs for forty-six high-rise residential towers
- 165 East Sixty-Sixth Street - New York, NY: Assessment and repair of roofs for occupied and unoccupied roof and terraces spaces

Water Penetration Testing

- 35 Underhill Avenue - Brooklyn, NY: Water testing and leak evaluation of aluminum and glass curtain wall
- 140 East Sixty-Third Street - New York, NY: Water testing, leak evaluation, and retrofit design of masonry facade
- 98 Riverside Drive - New York, NY: Water testing, leak evaluation, and retrofit design of masonry facade
- Bristol Meyers Squibb - New Brunswick, NJ: Water testing and leak evaluation of stucco facade

Repair and Rehabilitation Design

- 1 Sutton Place South - New York, NY: Evaluation, repair, and rehabilitation design of masonry and terra cotta facade
- 200 East Thirty-Second Street - New York, NY: Design and observation of repairs to aluminum and glass curtain wall
- 240 East Forty-Seventh Street - New York, NY: Design of repairs to masonry panel curtain wall

Structural Evaluation

- 287 Broadway - New York, NY: Evaluation of historic cast iron structure
- 210 West Seventieth Street - New York, NY: Evaluation of steel column supporting water tower at main roof of building
- Major Retail Chain - Nationwide: Evaluation of open web steel joists