



PRACTICE AREAS

- Facade Assessment
- Failure Investigation
- Nondestructive Evaluation
- Leakage Investigation
- Prepurchase Surveys
- Repair and Rehabilitation Design
- Roofing and Waterproofing

REGISTRATIONS

- Registered Roof Consultant
- Registered Roof Observer

PROFESSIONAL AFFILIATIONS

- RCI, Inc.
- U.S. Green Building Council - New York chapter

CONTACT

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EXPERIENCE

Jesse Torres joined WJE in 2007 and is primarily experienced in the investigation and rehabilitation of roofing and waterproofing systems. Prior to joining WJE, he worked for NTH Consultants, Ltd., a multidisciplinary engineering firm in Exton, Pennsylvania, and with Systematic Roofing Analysis, Inc., a roof consulting firm in West Lawn, Pennsylvania. Mr. Torres has more than twelve years of experience in roofing and waterproofing projects, including condition surveys, core sampling, roof moisture surveys, construction document preparation, and construction administration services. He has experience with all major low- and steep-slope roofing systems, including built-up roofing, single-ply membrane, modified bitumen, liquid-applied, polyurethane foam, sheet metal, asphalt shingle, and slate shingle.

In addition to investigations and rehabilitation, Mr. Torres has developed database programs; designed and written program manuals; and co-developed and managed the roofing database for telecommunications and pharmaceutical companies. He is fluent in AutoCAD and has instructed beginner and advanced courses. He has also developed CAD standards for a number of projects and clients.

REPRESENTATIVE PROJECTS

Roofing and Waterproofing

- World Trade Center and Museum - New York, NY: Construction observation and design for plaza, pools, and slurry wall waterproofing
- 2 Park Ave - New York, NY: Roof replacement construction documents
- 444 Madison Ave - New York, NY: Twenty-third floor roof replacement construction documents
- ESPN Campus - Bristol, CT: Wind uplift testing of existing roofs to meet insurance requirements

Failure Investigation

- John F. Kennedy International Airport - NY: Investigation of cause and extent of wind loss damage to roof
- 21 Mercer Street - New York, NY: Investigation of cause and extent of water damage to residences
- Federal Reserve Bank - New York, NY: Investigation of paver pedestal system failure

Nondestructive Evaluation

- 4 Greentree Centre, Liberty Property Trust - Marlton, NJ: Infrared and evaluation of roof and flashing system *
- Aetna Insurance - Cranford, NJ: Evaluation and nuclear moisture survey; construction documents for roof replacement at corporate headquarters in Hartford, CT; and regional facility in Blue Bell, PA *

Leakage Investigation

- Cheltenham School District - Cheltenham, PA: Leak investigations for multiple schools for annual roof maintenance program *

Repair and Rehabilitation Design

- JP Morgan Chase - Wilmington, DE: Atrium roof skylight repair documentation and quality assurance observations *
- Verizon: Roof replacement and retrofit construction documents throughout northeast regional properties; developed and managed roofing database program for New England and PA properties *

Facade Assessment

- VA Medical Centers - Providence, RI, and Manchester, NH: Evaluation of facades for multiple sites
- Phillips Feed & Pet Supply - Bath, PA: Building envelope and interior finishes evaluation *
- 1525 Locust Street, REIT Management - Philadelphia, PA: Evaluation and repair documentation of window system rehabilitation *

* Indicates with previous firms