PERSONNEL QUALIFICATIONS

Richard A. Weber | Principal and West Region Director

EDUCATION

- University of Illinois at Chicago
  - Bachelor of Architecture, Structures Option, 1990

PRACTICE AREAS

- Building Envelope Assessment
- Capital Reserve Analysis
- Design Peer Review
- Masonry Deterioration
- Repair and Rehabilitation Design
- Structural Investigation
- Water Penetration Testing
- Windows and Curtain Walls

REGISTRATIONS

- Architect in AZ, CO, HI, ID, IL, MA, MD, MI, MS, NJ, NV, OR, PA, WA, and WI
- Structural Engineer in IL

PROFESSIONAL AFFILIATIONS

- ASTM International (ASTM)
- Structural Engineers Association of Illinois (SEAOI)
- The Masonry Society (TMS)

TECHNICAL COMMITTEES

- ASTM E06 - Performance of Buildings
- TMS - Architectural Practices Committee
- TMS - Construction Practices Committee
- TMS - Existing Masonry Committee

EXPERIENCE

Richard Weber joined WJE in 1988 and has investigated hundreds of structures across the United States. He has investigated various building problems, performed structural analyses, and designed repairs for commercial, institutional, and residential buildings. Most assignments have involved water leakage, deterioration, or collapse of exterior cladding and framing systems. Cladding systems investigated have included masonry, windows, curtain walls, skylights, terra cotta, GFRC, metal panels, and stucco. Mr. Weber has performed and supervised the testing of exterior cladding components based on standards developed by ASTM International and the American Architectural Manufacturers Association as well as procedures developed for specific projects.

Mr. Weber has authored and coauthored several articles in professional publications related to water leakage testing, repair, and construction detailing. He is also a lecturer for the University of Wisconsin Department of Professional Development program on the structural design of masonry.

REPRESENTATIVE PROJECTS

Building Envelope Assessment

- Brementowne Estates - Tinley Park, IL: Investigation of water leakage and recladding design for an eighty-five-building townhome complex
- OSF St. Francis Medical Center - Peoria, IL: Investigation of water leakage and repair design for GFRC panel system
- The State Parkway Condominiums - Chicago, IL: Investigation and repair design related to exterior masonry

Capital Reserve Analysis

- Water Tower Court - Darien, IL: Capital reserve analysis for thirty-seven-building townhome development
- Winston Towers No. 4 Condominiums - Chicago, IL: Capital reserve analysis and exterior repair design of sixteen-story high-rise

Design Peer Review

- Knoxville Convention Center - Knoxville, TN: Review of design documents related to exterior envelope
- National Institute for Standards and Technology (NIST) Facility - Gaithersburg, MD: Peer review related to exterior wall systems
- Washington Convention Center - Washington, D.C.: Review of design documents for exterior envelope

Windows and Curtain Walls

- 3440 North Lake Shore Drive Condominiums - Chicago, IL: Investigation of water leakage and complete exterior renovation design, including window replacement
- EPA Research and Administration Facility - Raleigh, NC: Investigation of water leakage in vaulted atrium skylight system
- OSF St. Joseph Medical Center - Bloomington, IL: Investigation of window system and replacement design

CONTACT

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