

PATRICK E. REICHER, S.E., REWC, REWO, CCS, CCCA

Principal



+CONTACT

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Patrick Reicher has over 15 years of experience in forensic investigation, evaluation, and repair design of buildings and enclosures, from recently constructed to historic structures. His responsibilities have included project management of the initial evaluation phase through final construction, preparation of contract documents, bidding assistance, and construction contract administration. He consults on major building enclosure consulting and commissioning projects providing client management, and performing services in the areas of design peer review, field quality control testing, and construction quality assurance observations.

His investigations have consisted of a wide range of building types, enclosure systems, and materials, associated with masonry facades, exterior wall cladding systems, windows and curtain walls, and roofing and waterproofing systems.

He has expertise in performing diagnostic field testing in accordance with ASTM and AAMA standards, and developing forensic investigation testing protocols and field quality control specifications for repair design programs and new construction projects.

Prior to RRJ, he gained experience in forensic engineering and structural design at two consulting engineering firms in the Chicago area. While a student at the University of Illinois at Urbana-Champaign, he worked as a consultant for the U.S. Army Corps of Engineers Construction Engineering Research Laboratory (CERL).

■ EDUCATION

Master of Business Administration, 2012
 Specialization in Project Management
 Keller Graduate School of Management

Master of Science in Civil Engineering, 2005
 University of Illinois at Urbana-Champaign

Bachelor of Science in Civil Engineering, 2004
 Specialization in Structural Engineering
 Secondary Emphasis of Construction Management
 University of Illinois at Urbana-Champaign

■ REGISTRATIONS | CERTIFICATIONS

Licensed Structural Engineer in Illinois

Licensed Professional Engineer in Minnesota

Registered Exterior Wall Consultant (REWC)

Registered Exterior Wall Observer (REWO)

Certified Construction Specifier (CCS)

Certified Construction Contract Administrator (CCCA)

Construction Documents Technologist (CDT)

■ PROFESSIONAL AFFILIATIONS

International Institute of Building Enclosure Consultants (IIBEC)

Nominating Committee

Registered Exterior Wall Observer Exam Development Subcommittee

Building Envelope Commissioning Task Force (2018)

Manual of Practice Update Task Force

Chicago Area Chapter of IIBEC (CAC-IIBEC)
 President

Audit and Finance Committee, Co-Chair

Education and Program Committee, Chair

Fenestration & Glazing Industry Alliance (FGIA)

Methods of Test Committee

North American Fenestration Standard (NAFS)
 Committee

Coordination Committee for Installation Methods
 Flashing Committee

Building Enclosure Council of Chicago (BEC-Chicago)

Construction Specifications Institute (CSI) and CSI
 Chicago Chapter

American Institute of Steel Construction (AISC)

International Concrete Repair Institute (ICRI)



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■ PRESENTATIONS

- "Building Enclosure Design and Repair Considerations for Healthcare Facilities," Midwest Healthcare Engineering Conference, Indianapolis, IN, P.E. Reicher and S.K. Flock, November 12, 2019
- "What Would Pareto Do? Utilizing the 80/20 Rule to Improve Building Enclosure Quality," Building Enclosure Council-Chicago Chapter Meeting, Chicago, IL, October 18, 2019
- "Exterior Wall Quality Assurance," International Institute of Building Enclosure Consultants (IIBEC), Education Program, Oak Brook, IL, September 25, 2019
- "Building Envelope Quality Assurance," International Institute of Building Enclosure Consultants (IIBEC), Education Program, Oak Brook, IL, September 24, 2019
- "Building Enclosure Pareto Principle: Optimizing Efforts via Collaboration," International Institute of Building Enclosure Consultants (IIBEC) Regional V Meeting, Las Vegas, NV, June 12, 2019
- "Patient Comfort in Health Care Facilities: Building Enclosure Design and Repair Considerations," HESNI Annual Conference, Naperville, IL, P.E. Reicher and S.K. Flock, May 3, 2019
- "Building Enclosure Trends and Outlook: To Infinity and Beyond!" IIBEC Chicago Area Chapter, Annual Meeting & Program, Oak Brook, IL, P.E. Reicher and E.M. Love, January 16, 2019
- "What's Next? Evolution of the Building Enclosure and Future Trends," National Institute of Building Sciences (NIBS) Building Innovation 2019 Conference & Expo, Washington, D.C., P.E. Reicher and E.M. Love, January 8, 2019
- "Specification Strategies for Field Testing Success," International Institute of Building Enclosure Consultants (IIBEC) 2018 Symposium on Building Envelope Technology, Nashville, TN, P.E. Reicher and J.W. Arnold, November 16, 2018
- "Field Quality Assurance Testing for Air Barriers," a joint event of the Air Barrier Association of America, International Masonry Institute, and Building Enclosure Council-Chicago, Addison, IL, S.K. Flock and P.E. Reicher, October 18, 2018
- "Field Quality Control Testing: Lessons Learned and Considerations for Improved Enclosure Performance," IIBEC SoCal Chapter, Hawaii Winter Workshop, Honolulu, HI, January 12, 2018
- "Top 15 Hot Button Roofing Issues," IIBEC Chicago Area Chapter, Fall Meeting & Program, Glen Ellyn, IL, C.M. Ceja, P.E. Reicher, S.K. Flock, and A.L. Baird, November 10, 2017
- "Top 15 Hot Button Roofing Issues and Why Every General Contractor Should Know About Them," American Contractors Insurance Group (ACIG), Risk Management Workshop, Barrington, IL, C.M. Ceja, P.E. Reicher, S.K. Flock, and A.L. Baird, October 12, 2017
- "Exterior Walls Technology and Science," IIBEC Chicago Area Chapter, Education Program, Oak Brook, IL, April 27-28, 2017
- "Specifications Considerations for Improved Performance of Fenestration Systems," CSI Chicago, Technical Roundtable, Chicago, IL, February 8, 2017
- "Physical Assets of the Association," Association of Condominium, Townhouse, and Homeowners Associations' (ACTHA) Learn and Lead Program, April 30, 2014



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■ PUBLICATIONS

"Specification Strategies for Field Testing Success," *Proceedings of the IIBEC 2018 Building Envelope Technology Symposium*, Nashville, TN, P. Reicher and J. Arnold, November 16-17, 2018

"Holes in the Wall: Window Performance, Installation, and Field Quality Control Standards," *IIBEC Interface, Technical Journal of IIBEC*, P.E. Reicher and R.R. Booth, February 2017

"Evaluating Water Leakage in Mass Masonry Walls," *IIBEC Interface, Technical Journal of IIBEC*, P.E. Reicher and K. Farahmandpour, February 2016