

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

Principal



+CONTACT

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Patrick Reicher has over 14 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 testing, and construction quality assurance inspection.

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

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

RCI, Inc. (Institute for Roofing, Waterproofing, and Building Envelope Professionals)
 Registered Exterior Wall Observer Exam Development Subcommittee
 Building Envelope Commissioning Task Force
 Manual of Practice Update Task Force

Chicago Area Chapter of RCI, Inc. (CAC-RCI)
 Vice President
 Treasurer (2015-2018)
 Education and Program Committee, Chair
 Audit and Finance Committee

American Architectural Manufacturers Association (AAMA)
 Methods of Test Committee
 North American Fenestration Standard (NAFS) Committee
 AAMA Coordination Committee for Installation Methods
 Flashing Committee

Building Envelope Council of Chicago (BEC-Chicago)

Construction Specifications Institute (CSI) and CSI Chicago Chapter

American Institute of Steel Construction (AISC)

International Concrete Repair Institute (ICRI)

Apartment Building Owners and Managers Association (ABOMA)

■ CERTIFICATES OF APPRECIATION

RCI, Inc., Registered Exterior Wall Observer (REWO)
 Exam Development Task Force, Member, 2015-2016

Chicago Area Chapter of RCI, Inc., "Exterior Walls Technology & Science" Education Program,
 Presenter, Oak Brook, IL, April 26-27, 2017



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■ PRESENTATIONS

"Specification Strategies for Field Testing Success," RCI, Inc. 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," SoCal Chapter of RCI, Inc., Hawaii Winter Workshop, Honolulu, HI, January 12, 2018

"Top 15 Hot Button Roofing Issues," Chicago Area Chapter of RCI, Inc. 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," Chicago Area Chapter of RCI, Inc. 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

■ PUBLICATIONS

"Specification Strategies for Field Testing Success," *Proceedings of the RCI 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," *Interface, The Journal of RCI, Inc.*, P.E. Reicher and R.R. Booth, February 2017

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