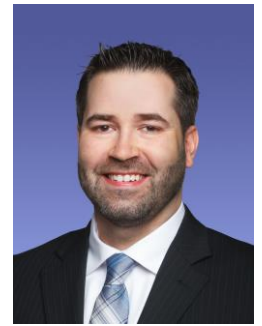




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Patrick E. Reicher

S.E., REWC, REWO, CCS, CCCA
Principal

About Patrick

Patrick Reicher has over 20 years of experience in forensic investigation, evaluation, and repair design of buildings and enclosures, from recently constructed to historic structures. His responsibilities include project management, preparation of contract documents, bidding assistance, and construction contract administration for complex building enclosure and structural repair projects. He also consults on building enclosure and commissioning projects, providing client management and services in the areas of design peer review, construction quality assurance observations, and field quality control testing.

His forensic investigations have consisted of a wide range of building types, structural systems, enclosure systems, and materials associated with masonry facades, exterior wall cladding systems, windows and curtain walls, roofing and waterproofing systems, balconies, and parking garages. He also has expertise in performing diagnostic field testing in accordance with industry standards and developing forensic investigation testing protocols and field quality control specifications for repair design programs and new construction projects.

As an expert witness, he has provided technical consultation, litigation support, and deposition testimony on numerous matters related to the building enclosure and structural systems to clients located throughout the United States.

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

Licensure | Certifications

Structural Engineer IL

Professional Engineer AL, CO, FL, IN, IA, ME, MI, MN, MO, NV, NY, OH, PR, TX, and WI

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)
Education Committee
Nominating Committee
Registered Exterior Wall Observer Exam Development Subcommittee
Building Enclosure Commissioning Task Force (2018)
Manual of Practice Update Task Force (2019)

Chicago Area Chapter of IIBEC (CAC-IIBEC)
President (2020)
Vice President (2019)
Treasurer (2015–2018)
Audit and Finance Committee, Co-Chair (2019-2022)
Education and Program Committee, Co-Chair (2015-2022)

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)

Chicago Roofing Contractors Association (CRCA)

Chicago Area Chapter Building Envelope Foundation (CAC-BEF)



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Presentations

"Reviving the Concrete Giants: The Role of Structures as Building Enclosures," International Institute of Building Enclosure Consultants (IIBEC) 2024 Convention and Trade Show, Phoenix, AZ, P.E. Reicher and D.E. Boatwright, March 9, 2024

"The Cost, Quality, Schedule Conundrum" IIBEC SoCal Chapter 23rd Annual Hawaii Winter Workshop, P.E. Reicher, January 18, 2024

"A Change for Good? Exterior Wall Prefabrication," Portland Chapter, International Institute of Building Enclosure Consultants (IIBEC), Building Enclosure Symposium, P.E. Reicher, October 26, 2023

"Roof System Thermal Moisture and Design," International Institute of Building Enclosure Consultants (IIBEC), Education Program, Oak Brook, IL, October 13, 2023

"Emerging Trends in Building Enclosure Design and Construction," Metal Construction Association, Summer Meeting, Rosemont, IL, P.E. Reicher, E. Lorenz, and J. Wilen, June 14, 2023

"Practitioner Perspectives: Trends, Challenges, and Opportunities for the Building Enclosure", Polyisocyanurate Insulation Manufacturers Association, Mid-Year Meeting, Chicago, IL, P.E. Reicher, A. McSherry, and S. Rubel, May 24, 2023

"Building Envelope Quality Assurance," International Institute of Building Enclosure Consultants (IIBEC), Education Program, Portland, OR, May 17, 2023

"Traditional and Unconventional Masonry Restoration Strategies for Healthcare Facilities" Healthcare Engineers Society of Northern Illinois, Naperville, IL, P.E. Reicher and G. A. Frank, May 4, 2023

"Megapanel Mania: Prefabricated Exterior Wall Assemblies," Air Barrier Association of America (ABAA) 2023 Conference, Denver, CO, P.E. Reicher and S. Sanusas, May 2, 2023

"Brick by Brick: Traditional and Unconventional Masonry Restoration Strategies," International Institute of Building Enclosure Consultants (IIBEC) 2023 Convention and Trade Show, Houston, TX, P.E. Reicher and G.A. Frank, March 6, 2023

"An American Gothic: BECx for Harvard University's Swartz Hall," IIBEC-Chicago Winter Webinar, P.E. Reicher and G.A. Frank, December 16, 2022

"An American Gothic: BECx for Harvard University's Swartz Hall," 2022 IIBEC/AEI Building Enclosure Symposium, Milwaukee, WI, P.E. Reicher and G.A. Frank, November 14, 2022

"Building Envelope Roundtable," Chicago Roofing Contractors Association, Oak Brook, Illinois, P.E. Reicher, S. Fisher, T. Cotney, and W. Hoop, September 20, 2022

"Pillars of Structural Integrity: Condition Assessments," Community Association Institute, Illinois Chapter, T. McDonald and P.E. Reicher, May 20, 2022

"Building Enclosure Trends: Perspectives from Consulting and Forensics," The Cincinnati Insurance Companies, Construction Unit Annual Meeting, P.E. Reicher, May 20, 2022

"5,000 Miles from Oahu: BECx for Harvard University Swartz Hall (. . . During a Pandemic)," IIBEC SoCal Chapter 21st Annual Hawaii Winter Workshop, P.E. Reicher and G.A. Frank, January 27, 2022

"Diary of a BECx: Delegated Design Dilemmas," International Institute of Building Enclosure Consultants (IIBEC) 2021 Convention and Trade Show, Phoenix, AZ, P.E. Reicher and D.E. Boatright, September 19, 2021

"Avoiding the Oops: Preconstruction Communication to Avoid Air Barrier Issues," Chicago Roofing Contractors Association, Oak Brook, Illinois, P.E. Reicher, S. Black, and G. Patterson, September 14, 2021

"It's All Part of the Plan: Capital Asset Evaluations for Aging Facilities and Building Enclosures," Healthcare Engineers Society of Northern Illinois, Naperville, Illinois, P.E. Reicher and D. E. Boatright, June 10, 2021

"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



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Principal

Presentations cont.

"Building Envelope Quality Assurance," International Institute of Building Enclosure Consultants (IIBEC), Education Program, Oak Brook, IL, September 24, 2019

"Building Envelope 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 Envelope Design and Repair Considerations," HESNI Annual Conference, Naperville, IL, P.E. Reicher and S.K. Flock, May 3, 2019

"Building Envelope 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 Envelope 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

Publications

"Reviving the Concrete Giants: The Role of Structures as Building Enclosures," *Proceedings of the IIBEC 2024 Convention and Trade Show*, Phoenix, AZ, P.E. Reicher and D.E. Boatwright, March 7-11, 2024

"Brick by Brick: Traditional and Unconventional Masonry Restoration Strategies," *Proceedings of the IIBEC 2023 Convention and Trade Show*, Houston, TX, P.E. Reicher, G.A. Frank, and A.L. States, March 2-7, 2023

"Diary of a BECx: Delegated Design Dilemmas," *IIBEC Interface, Technical Journal of IIBEC*, P.E. Reicher and D.E. Boatwright, March 2022

"Diary of a BECx: Delegated Design Dilemmas," *Proceedings of the IIBEC 2021 Convention and Trade Show*, Phoenix, AZ, P.E. Reicher and D.E. Boatwright, September 15-20, 2021

"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