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# Andrea L. Baird

NCARB, P.E., CCCA, CDT, LEED AP BD+C, BECxP, CxA+BE  
Senior Architect

## About Andrea

Andrea Baird has over 15 years of architectural experience specializing in building enclosure consulting, commissioning, evaluation, and repair design. Her expertise includes building enclosure design review, forensic investigation, diagnostic and performance testing, and building enclosure analysis using software such as THERM and WUFI.

She has considerable roofing and waterproofing experience in the areas of investigation, testing, and development of repair design drawings and specifications. Her knowledge of waterproofing and roofing systems includes below-grade, plaza, single-ply membrane, metal, slate, and built-up roofing.

She has provided litigation support services in the areas of investigation, depositions, and document review on related failures. Located in West Michigan, Ms. Baird has extensive experience consulting on new and existing healthcare facilities.

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## Education

Master of Architecture, 2006  
University of Detroit Mercy

Master of Engineering in Civil, 2006  
University of Detroit Mercy

## Licensure | Certifications

Architect IL, MI, TX, WI

Professional Engineer TX

National Council of Architectural Registrations Boards  
(NCARB) Certificate Holder

LEED Accredited Professional, Building Design &  
Construction (LEED AP BD+C)

Building Enclosure Commissioning Process  
Provider (BECxP)

Commissioning Authority + Building  
Enclosure (CxA+BE)

Certified Construction Contract Administrator (CCCA)

Construction Documents Technologist (CDT)

Certified Infrared Thermographer (CIT)

## Professional Affiliations

ASTM International

Building Enclosure Council of Chicago (BEC-Chicago)

Construction Specifications Institute (CSI)  
Grand Rapids and Chicago Chapter

International Institute of Building Enclosure Consultants  
(IIBEC)

Michigan School of Business Officials (MSBO), Associate  
Member

Michigan Society of Healthcare Engineering (MiSHE),  
Association Member

International Facility Management Association (IFMA), West  
Michigan Chapter

## Honors & Awards

CSI Chicago  
Technical Award, 2019



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## Publications | Presentations

"IIBEC Certified Building Enclosure Commissioning Provider (CBECxP)," Exam Volunteer Subject Matter Expert Including Question Writing and Exam Review, 2022

"Top 15 Hot Button Roofing Issues," IIBEC Chicago Area Chapter, Fall Meeting & Program, C.M. Ceja, P.E. Reicher, S.K. Flock, and A.L. Baird, Glen Ellyn, IL 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, C.M. Ceja, P.E. Reicher, S.K. Flock, and A.L. Baird, Barrington, IL, October 12, 2017

"Who'll Stop the Rain: Considerations for Specifying Rainscreen Systems," CONSTRUCT 2017 Conference, Providence, RI, September 13, 2017

"Peer Review: Effective, Efficient and Educational," IIBEC International Convention and Trade Show, Anaheim, CA, March 17, 2017

"Inhibiting Condensation, Understanding Communication Between Spaces, Environment, and People," Medical Construction & Design, A.L. Baird and S.K. Flock, January/February 2016

"Applications and Limitations of Computational Hygrothermal Modeling," IIBEC Chicago Area Chapter, Autumn Meeting, November 7, 2014