

Mr. Plichta is an Architect holding license credentials in multiple states throughout the country. He is nationally credentialed by the National Council of Architectural Registration Boards (NCARB). Mr. Plichta holds a 5-year Bachelor of Architecture professional degree with over 35 years of design experience in a wide variety of project types. Mr. Plichta holds a Master of Science in Human Factors from Embry-Riddle Aeronautical University. Mr. Plichta focuses his practice in the areas of Construction Defects, Premises Liability and Professional Liability.

He is an expert in National Building Codes, Architectural Operations, Construction Contract Administration and Peer Reviews among many other areas. His work includes design and construction investigations, analysis, code and ADA compliance, installation means and methods, maintenance and repair solutions of buildings and sites, building envelope failures, slip/trip/fall incidents, loading dock accidents, construction site accidents and Standard of Care.

Mr. Plichta has designed numerous facilities that all require the analysis of environmental conditions including weather influences, building orientation, site restrictions and access, topography, and seasonal influences. Projects involve exterior design considerations including parking lots and access to and within the project.

Mr. Plichta has been a speaker for The Department of Justice on "Accessibility in Multifamily Construction" throughout the United States and has authored and facilitated numerous courses on Project Management, Construction Contract Administration, Best Practices and technical publications and has trained and mentored architectural professionals throughout the country.

Mr. Plichta has 35 plus years of architectural experience includes project types such as: Commercial, Educational, Industrial, Hospital, Medical Clinics, Multifamily, Senior Living, Retail, Mixed Use, Hi-End Custom Residential and Urban Infill. He holds licensure in numerous states across the country and holds OSHA 10-hour & 30-hour certification. He has 5 years' experience as an adjunct college educator and firefighter/EMT. He possesses knowledge and experience with structural systems, building foundation systems, plumbing systems, HVAC systems and fire sprinkler systems and the integration of these systems.

Registered Architect Licenses

- State of Alabama, 8410
- State of Arkansas, 4772
- State of Colorado, ARC.00404017
- State of Connecticut, ARI.0015275
- State of Florida, AR95852

Robert A. Plichta

Senior Consultant/Forensic Architect

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ESI

4215 Campus Drive
Aurora, IL 60504

Education

Bachelor of Architecture, University of Illinois – Chicago. 1982

Master of Science in Human Factors, Embry-Riddle Aeronautical University – Daytona, FL. 2024

Areas of Specialization

Construction Defects Investigation

Premises Liability

Professional Liability

Building Envelope Investigations

Means and Methods Analysis

Construction Site Accidents

Damage Assessment & Repairs

Standard of Care

Code & Accessibility Compliance

Human Factors – Slip/Trip/Fall

Water Intrusion

Site Drainage Investigation

Foundation Failure Analysis

Loading Dock Accidents

- State of Georgia, RA014580
- State of Illinois, 001-018822
- State of Indiana, AR11500115
- State of Iowa, 06531
- State of Kansas, 7025
- State of Kentucky, 7807
- State of Massachusetts, 2023-426-AR-AAPP
- State of Michigan, 1301071608
- State of Minnesota, 57614
- State of Missouri, A-2018034884
- State of Montana, ARC-ARC-LIC-26781
- State of Nebraska, A4471
- State of New Jersey, 21AI02004800
- State of North Dakota, 3166
- State of Ohio, ARC.2118354
- State of Pennsylvania, RA405526
- State of South Carolina, AR 8506
- State of Tennessee, 106531
- State of Texas, 22534
- State of Virginia, 0401019147
- State of Washington, 117899
- State of West Virginia, 5737
- State of Wisconsin, 9600-5
- NCARB, 71608

Positions Held

Engineering Systems Inc., Aurora, Illinois

- Senior Consultant, 2011 – Present

Packer Engineering, Naperville, Illinois

- Director, Construction Technology Group, 2009 - 2011

BSB Design, Inc., Palatine, Illinois

- National Director – Multifamily, 2005 - 2008

RP Architecture, Libertyville, Illinois

- President, 2001 - 2005

KLLM Architects, Inc., Chicago, Illinois

- Director of Operations, 1998 – 2001

College of Lake County, Grayslake, Illinois

- Adjunct – Architectural Technology Program, 1993 - 1998

Libertyville Fire Department, Libertyville, Illinois

- Firefighter I & II, EMT-B

Matthias Jans and Associates, Inc., Palatine, Illinois

- Senior Project Manager, 1991 - 1998

Legat Architects, Inc., Waukegan, Illinois

- Project Manager, 1990 - 1991

Lindquist & Associates, Hawthorn Woods, Illinois

- Project Manager, 1990 - 1991

General Binding Corporation, Inc., Northbrook, Illinois

- Director, 1984 - 1989

Northern Telecom, Inc., Morton Grove, Illinois

- Mechanical Design/CAD Manager, 1982 - 1984

Extel Corporation, Inc., Northbrook, Illinois

- Electronic Technician / Design Engineer, 1975 - 1982

Glenview Park District Golf Course, Glenview, Illinois

- Assistant Manager, 1972 - 1981

Publications/Presentations/Teaching

- "Codes Related to Construction Defects and Premises Liability," Defense Trial Counsel of West Virginia, May 2021
- "Using Experts to Navigate the Minefields of Construction – Related Litigation", For The Defense, February 2020
- "From Order to Chaos: Using Experts to Navigate the Minefields of Litigation", DRI Construction Law Presentation, Las Vegas, Nevada, April 2019
- "Forensic, Cost and Allocation Considerations for Colorado Construction Defect Claims" Colorado Defense Lawyers Association, Steamboat, Colorado, 2015
- "Business Development Training Program," BSB Design, Inc., Palatine, Illinois, May 2007
- "Advanced Project Management Strategies," BSB Design, Inc., Palatine, Illinois, July 2007
- "BSB Technical Publications," BSB Design, Inc., Palatine, Illinois, January 2006 – June 2007
- "BSB Best Practices Publications," BSB Design, Inc., Palatine, Illinois, January 2006 – June 2007

- “Project Management I Training Program,” BSB Design, Inc., Palatine, Illinois, April 2006
- “Building Code Analysis for Architects,” BSB Design, Inc., Palatine, Illinois, June 2006
- “Zoning Code Analysis for Architects,” BSB Design, Inc., Palatine, Illinois, July 2006
- “Life Safety Code Analysis for Architects.” BSB Design, Inc., Palatine, Illinois, July 2006
- “Project Management I & II Training Programs,” BSB Design, Inc., Palatine, Illinois, August 2006
- “Understanding the Requirements of NFPA 82 – Waste Handling Systems,” BSB Design, Inc., Palatine, Illinois, September 2006
- “Understanding the Requirements of NFPA 101 – Life Safety Code.” BSB Design, Inc., Palatine, Illinois, October 2006
- “Good Access is Good Business,” Multi-Family Housing Access Forum, Department of Justice, Minneapolis, Minnesota, May 2007
- “Good Access is Good Business,” Multi-Family Housing Access Forum, Department of Justice, Miami, Florida, November 2007
- “Animation in Architecture,” AEC Convention, Anaheim, California, 1991
- “Architectural Working Drawings,” College of Lake County, Grayslake, Illinois, 1993 – 1998
- “AutoCAD in the Architect’s Office,” College of Lake County, Grayslake, Illinois, 1993 – 1998
- “Basic Drafting for Architectural Applications,” College of Lake County, Grayslake, Illinois, 1993 – 1998

Education

- Bachelor of Architecture, University of Illinois – Chicago. 1982
- Master of Science in Human Factors, Embry-Riddle Aeronautical University – Daytona, FL. 2024

Professional Affiliations/Honors

American Institute of Architects (AIA)

- Northeastern Illinois Chapter
 - January 2014 to December 2015 Board Member
 - January 2016 to December 2016 Vice President
 - January 2017 to December 2017 President
 - January 2018 to December 2018 Past President
- National Council of Architectural Registration Boards (NCARB)
- International Project Management Association (IPMA)

- American Society for the Advancement of Project Management (asapm)
- American Institute of Steel Construction (AISC)
- National Institute of Building Sciences (NIBS)
- Community Associations Institute (CAI)
- Accredited Snow Contractors Association (ASCA)

Training and Certification

National Council of Architectural Registration Boards (NCARB)

American Society for the Advancement of Project Management (asapm)

International Project Management Association (IPMA)

- Certified Project Practitioner (CPP)

Former Registered Interior Designer – State of Illinois, 161003474

Office of the Illinois State Fire Marshal (OSFM) (former)

- Firefighter I
- Firefighter II
- EMT-B

Safety Training

- OSHA 10 & 30 Hour Construction Course

Construction Safety Council

- Supported Suspended Scaffold User

Governor's Office of Emergency Services (CalOES – California)

- Disaster Response Certification

Illinois Department of Public Health

- Illinois Swimming Facility Architect