



## **ROBERT A. PLICHTA, AIA, NCARB, CPP SENIOR CONSULTANT / FORENSIC ARCHITECT**

[raplichta@engsys.com](mailto:raplichta@engsys.com)

Mr. Robert Plichta is a licensed architect focusing his practice in the areas of Construction Defects, Premises Liability and Professional Liability for Law Firms, Insurance Companies, Adjusters, Property Managers and Condo/HOA Associations. 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 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.

### **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  
Slip / Trip / Fall Investigations  
Water Intrusion  
Site Drainage Investigation  
Foundation Failure Analysis  
Loading Dock Accidents

### **Registered Architect Licenses**

State of Alabama, 8410  
State of Arkansas, 4772  
State of Colorado, ARC.00404017  
State of Florida, AR95852  
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 Nebraska, A4471  
State of New Jersey, 21A102004800  
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, 11799  
State of Wisconsin, 9600-5  
NCARB, 71608



## **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)**

## **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**

Associate, 1989 – 1990

**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

**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

## **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