

JOHN H. MAUPIN, RA

Registered Architect in AZ, CO, MA, and TX



PROFESSIONAL SUMMARY:

Forensic Architecture:

For the past ten years, I have been involved in the planning and execution of the following aspects of forensic building investigations for hundreds of plaintiff and defense claims: intrusive testing, field documentation, document review, report creation, and rebuttal strategies. Primarily focused on multi-family and single-family residential projects, my recent experience also includes client facing services and expert witness deposition testimony for both plaintiff and defense litigation. My forensic experience has concentrated on building envelope construction including roofing and cladding systems.

Architecture and Design:

I have coordinated planning, design, and permitting activities for hundreds of buildings in Colorado, Massachusetts, and Antarctica. I was responsible for conceptual design, construction drawing production, as well as coordination with general contractors and field personnel during construction phases. Projects included retail stores and restaurants in Colorado, residential and institutional projects in Massachusetts, and National Science Foundation buildings in Antarctica.

Construction and Construction Management:

I have worked professionally as a roofer, welder, and carpenter on projects in New York State and Georgia, including single-family homes, structural bridge repairs, and shop fabrication of structures like toll booths. I have also managed construction, including a six-building mixed-used development, as a Project Engineer in Colorado at the redevelopment of the area now called Central Park (formerly known as Stapleton International Airport).

PROFESSIONAL MEMBERSHIP:

NCARB National Council of Architectural Registration Boards

EDUCATION:

Bachelor of Architecture, Southern Polytechnic State University, 2002

REGISTRATIONS / CERTIFICATIONS:

Registered Architect in AZ, CO, MA, and TX

OSHA Safety and Health Certification

Former DOT Welding Certifications in NY

Former Heavy Equipment Operator Certifications in GA

WORK HISTORY:

Director of Architecture, Knott Laboratory, LLC, Centennial, CO, January 2025-Present

- Forensic Architect duties mentioned below, as well as mentoring company personnel, organizing reports and trial exhibits, and expert testimony in depositions and trial.
- Practicing Architect involved in design of commercial and residential buildings, interior redesign of office spaces, details for building envelope repairs, code analysis, design development, space planning, and contract administration. In addition, coordination with clients, engineers, drafting department personnel, contractors, and subcontractors.
- Managing project budgets, schedules, proposals, and marketing.

Senior Forensic Architect, Knott Laboratory, LLC, Centennial, CO, 2024-2025

- Forensic Architect performing field investigations, reporting, and expert opinions of commercial, residential, and retail projects in CO, TX, and AZ. The position included client management, directing and documenting forensic investigations which discovered construction defects and their probable causality, as well as authoring reports with analysis and conclusions.

Senior Forensic Architect, CTETS, Golden, CO, 2022-2024

- Forensic Architect providing field investigations, reporting, and expert opinions of commercial and residential projects in CO, TX, and MT. The position included client coordination, directing and documenting forensic investigations which discovered construction defects and their probable causality, as well as authoring reports with analysis and conclusions.

Project Architect, AKM Consultants, Inc., Littleton, CO, 2015-2021

- Forensic Architect performing field investigations and reporting of predominantly multi-family residential projects in CO and AZ. The position included daily management of field personnel and contractors, as well as directing and documenting forensic investigations which discovered construction defects and their probable causality.

Project Architect, Timothy Murphy Architects, Holyoke, MA, 2013-2015

- Practicing Architect performing design and construction administration for projects at local municipalities, universities, and housing authorities including building envelope upgrades, passive fire-resistance systems, and interior space reconfigurations of multi-family, institutional, laboratory, industrial, and commercial properties. The position included daily management of clients, contractors, and engineers, as well as code analysis and interpretation.

Project Architect, Raytheon Polar Services, Centennial, CO, 2009-2012

- Practicing Architect performing design and construction administration for projects at scientific research and support facilities in Antarctica including building envelope upgrades, passive fire-resistance systems, and interior spatial reconfigurations of residential, laboratory and institutional properties. The position included daily management of clients, contractors, and engineers, as well as code analysis and interpretation.

Associate Architect, M.J. Cassutt Architects, P.C., Greenwood Village, CO, 2004-2009

- Intern Architect performing design and construction administration for new high-end single-family homes, retail, and restaurant projects, including site planning, building envelope design, and interior space layouts. The position included daily management of clients, contractors, and engineers, as well as code analysis and interpretation.

Project Engineer, Blackington and Decker, Inc., Denver, CO, 2002-2003

- Project Engineer performing onsite project management and jobsite safety assurance for a multi-use project which included three stories of apartments above street level retail shops and four other commercial buildings. The position included daily management of subcontractors, schedules, and safety meetings, including construction activities from earthwork to signoff and occupancy of finished spaces.

Computer-Aided Design / Project Coordinator, Palladian, Inc., Marietta, GA, 2000-2002

- Intern Architect performing design for new high-end single-family home projects, including site planning, building envelope design, and interior space layouts. The position included drawing production, computer systems management, as well as code analysis and interpretation.

Self-Employed, Construction/Carpentry Projects, Austell, GA, 2000-2002

- Personal business during college building decks and performing other residential renovations for clients. The position included managing client expectations and student labor force to completion.

Student Intern, Southern Polytechnic State University, Marietta, GA, 1998-2000

- Student Assistant for Plant Operations Division of the University, which maintained 200+ acres and 50+ buildings. The position included fabrication of all the permanent signage on campus, daily assistance to the trades (mechanical, electrical, plumbing, carpentry, painting, locksmith), and occasional design drawing production for the campus architect.

Factory Worker, American Flat Glass Distributors, Marietta, GA, 1997-1998

- Position included operating machinery associated with manufacturing and tempering insulated residential and commercial window units as well as specialty glass products like table tops and glass railing systems.

Press Operator / Quality Technician, Sanderson Industries, Inc., Atlanta, GA, 1994-1997

- Position included operating 1000-ton and 600-ton metal stamping presses and forklifts, setting up dies in presses, as well as meeting production goals and quality standards in a QS-9000 environment.

Certified Welder, Atlantis Company, New York, NY, 1992-1993

- Shielded metal arc welding on NYS DOT bridges to install stiffener plates, as well as shop work to fabricate toll booths to NYS DOT specifications. Position included reading blueprints and quality control to meet rigorous DOT x-ray weld standards.

Roofing and Siding Installer, Nassau, NY, 1990-1991

- Installed asphalt shingle, asphalt roll, EPDM membrane, and copper accent roof systems on residential buildings. Installed vinyl and wood siding products on residential buildings. Installed windows and doors in residential building envelopes.