

Philip Mills

Jr. Architect

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EDUCATION

B.Arch, Architecture, Pennsylvania State University, 2023

Minors in Architectural History and Residential Construction Engineering

ACCREDITATIONS

Unlicensed – ARE Candidate

MEMBERSHIPS

American Institute of Architects (AIA) National

American Institute of Architects (AIA) Massachusetts State Chapter

Boston Society of Architects (BSA)

Philip Mills is an architectural professional with experience in building envelope consulting, forensic architecture support, and construction administration.

Assists with legal, insurance, and private clients on construction defect investigations, water intrusion evaluations, facade and roof assessments, and code compliance reviews. Work includes supporting expert investigations through document review, site inspections, condition documentation, and preparation of technical exhibits and reports. Participated in numerous restoration and rehabilitation projects involving historic buildings, facade remediation, roof replacement, and building envelope repairs.

Worked as a constructor for both residential and commercial projects. From constructing residential custom homes, to large-scale new construction in the City of Boston. Distinguished by hands-on construction experience, allowing a practical understanding of means, methods, and field conditions.

WORK EXPERIENCE

Aperture, LLC (formerly CCA, PC) – Burlington, MA, *Junior Architect*
Specializing in architectural consulting, forensic architecture, and building envelope evaluations for legal, insurance, condominium association, and commercial clients. Services include construction defect investigations, water intrusion assessments, facade and roof evaluations, repair and restoration design, technical report preparation, and construction administration. Responsibilities include project management, Revit and CAD production, bid administration, contractor coordination, and providing technical support for expert witness investigations involving building envelope failures, premises liability, and architectural standard of care matters. Experience includes historic preservation projects, facade remediation, roof replacement, and code compliance reviews.

TBA Architects – Concord, MA, *Architectural Designer*
Serving public and private clients throughout Greater Boston. Project experience included municipal, educational, public safety, and residential work that served communities. Responsibilities included development of construction documents, design and consultant coordination, CAD production, and construction administration. Experience included historic window preservation, educational facilities, municipal buildings, and a variety of public and private architectural commissions.

Signify (Philips Lighting Design Team) – Burlington, MA, *Lighting Design Intern*
Philips Lighting design team, a global leader in architectural, commercial, and exterior lighting systems. Working directly with industry leaders from a variety of technical backgrounds provided lighting calculations, photometric analysis, fixture selection, technical documentation.

Aerotek/Various Independent Contractors – Greater Boston, MA, *Carpenter*
Carpenter for residential and commercial construction projects throughout Greater Boston. Developed expertise in rough and finish carpentry, window and siding replacement, framing, and weather-proof installations. Developed practical experience with window flashing integration, weather-resistant barrier transitions, and building envelope construction. Participated in both residential restoration projects in MA and new custom house construction in NH. Notably contributed to commercial projects within the City of Boston, gaining hands-on experience with construction sequencing, field coordination, and existing building renovation.

NOT FOR EXPERT DESIGNATION

Last revised: August 31, 2026

REPRESENTATIVE PROJECT EXPERIENCE – PARTIAL LISTING

Balmoral Condominiums

Andover, MA: Provided architectural support for water intrusion investigations and building envelope rehabilitation of a four-story, 129,000 Square Foot residential building. Assisted in masonry repair scoping, construction documentation, and coordination of historically sensitive repairs to ornamental balustrades and facade elements in consultation with the local historical preservation commission.

Barnstable Civic Works

Barnstable, MA: Developed and scoped multiple municipal and civic projects for the city of Barnstable. Designed and provided architectural and construction administration support for multiple municipal projects for the Town of Barnstable. Including modernization of the Police Station and Department of Public Works. Services included lobby renovations, window & roof replacements, and MEP system modernization working closely with building users, outside consultants, and town staff.

Cambridge Cohousing

Cambridge, MA: Investigated the cause of damage to a 41-unit community with multiple 4 story constructions. Provided on-site construction administration to deliver efficient architectural, engineering construction administration support to the exterior restoration project. Scope included evaluating building envelope repairs, assisted with investigations of moisture-related damage, preparation of repair documents, and code and life safety improvements.

450 Mass Ave

Boston, MA: Worked in a hands-on carpentry role to support an ongoing new construction in the city of Boston. Observed weekly coordination meetings, construction sequencing, and adaptation to site specific building conditions on a large-scale urban project.

Woburn First Baptist Church

Woburn, MA: Participated in the restoration of historic wood windows in combination with local preservation specialist, Old Bostonian. Documented existing conditions and developed flashing details for historic wood windows under principal review.

NOT FOR EXPERT DESIGNATION