PERSONNEL QUALIFICATIONS

Erin (Murphy) Dunne | Associate III

EDUCATION

- Worcester Polytechnic Institute
  - Bachelor of Science, Architectural Engineering, 2016
- Columbia University
  - Master of Science, Historic Preservation, 2020

PRACTICE AREAS

- Historic Preservation
- Masonry Assessment and Repair
- Repair and Rehabilitation
- Facade Assessment
- Building Enclosure Investigation and Repair
- Building Enclosure Consulting
- National Register Nominations

PROFESSIONAL AFFILIATIONS

- Association of Preservation Technology, Northeast Chapter - board member

TECHNICAL COMMITTEES

- Association of Preservation Technology International, Preservation Engineering Technical Committee (PETC) Student Design Competition - co-chair (2023)

CONTACT

edunne@wje.com
617.946.3400
www.wje.com

EXPERIENCE

Erin Dunne joined WJE in 2018 as an architectural and preservation engineer with experience in the assessment and investigation of new and existing building enclosures, repair design, and construction administration services.

Ms. Dunne has investigated distressed masonry facades, performed water penetration investigations, and prepared construction drawings and details. She has worked on historic buildings and projects involving masonry investigation, design, and repairs, window repairs and replacement, roofing replacement, leakage investigation and repair, and facade improvements and repairs.

While attending Columbia University, Ms. Dunne, under her maiden name Murphy, researched mortar assemblies specific to the construction sequencing and use of formwork of Guastavino tile vault systems. Findings from this work have been published internationally in the *History of Construction Cultures*.

REPRESENTATIVE PROJECTS

Historic Preservation

- Boston Public Library, Central Library - Boston, MA: Condition assessment of building enclosure and leakage investigation of granite and brick masonry facades, wood windows, cast iron elements
- Center Church on the Green - New Haven, CT: Development of construction documents for roofing replacement and facade repairs.
- Kalil House - Manchester, NH: Development of Historic American Buildings Survey report for historic residence
- 45 Milk Street - Boston, MA: Development of construction documents for wood window restoration and localized limestone masonry repairs and construction phase field observations
- New York Life Building - New York, NY: Condition assessment and repair design of historic bronze windows; evaluation of water infiltration of retrofitted historic steel windows

Repair and Rehabilitation

- 50 Post Office Square - Boston, MA: Condition assessment, construction documents, and construction period services for limestone masonry facades and joint repair design and administration at 1967 addition
- Cathedral of Saint Paul - Worcester, MA: Condition assessment, repair design, and construction period services for granite masonry and wood louvers at steeple
- St. Cecilia's Church - Leominster, MA: Facade and roof assessment of granite masonry facades and copper and low-slope roofs; construction period services for low-slope roof repairs
- Multifamily Residential Complex - Quincy, MA: Investigation of water-damaged facade conditions and repair administration
- 80 Deaconess/Newbury Court - Concord, MA: Investigation and maintenance recommendations of damaged EIFS, thin brick panel, and brick facade conditions

Facade Assessment

- Otis House Museum - Boston, MA: Condition assessment of museum complex comprising Charles-Bulfinch-designed 1795 building and mid-nineteenth century row houses
- 53 State Street - Boston, MA: Inspection of glass curtain wall and granite facades; joint sealant repair design and installation administration

Building Enclosure Consulting

- Amherst College, New Academic Building - Amherst, MA: Evaluation of brick masonry facades; repair design and design peer review for new construction addition, and construction phase field observations

National Register Nominations

- Child Welfare Station - Mamaroneck, NY