PERSONNEL QUALIFICATIONS

Kevin Berry | Associate III

EDUCATION

- University of North Carolina at Chapel Hill
  - Bachelor of Arts, Mathematics, 2003
- North Carolina State University
  - Master of Architecture, 2014

PRACTICE AREAS

- Building Enclosure Commissioning
- Building Enclosure Consulting
- Facade Assessment
- Leakage Investigation
- Repair and Rehabilitation Design

REGISTRATIONS

- LEED Green Associate

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- Building Enclosure Council

CONTACT

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EXPERIENCE

Kevin Berry's primary focus is on building enclosure consulting and leakage investigations. He has conducted various projects; his expertise includes construction troubleshooting, on-site quality assurance for new construction, diagnostic water/air leakage testing and investigation for existing buildings, performance testing for new construction, development of repair documents for existing and historic building facades and roofing repairs, and facade assessments.

Before joining WJE, Mr. Berry worked as an architectural designer at a Raleigh-based firm, where he coordinated extensive building renovations and new commercial construction projects.

REPRESENTATIVE PROJECTS

Building Enclosure Commissioning

- North Carolina State University (NCSU), Plant Sciences Building - Raleigh: On-site quality assurance, enclosure testing observation, infrared thermography and HVIT testing of roof, below-grade waterproofing, air/moisture barrier, hot fluid-applied waterproofing, curtain wall, terra cotta, brick, and roofing
- Raleigh Iron Works Double Gable - NC: On-site quality assurance, enclosure performance testing observation, air/moisture barrier, curtain wall, metal panel, and roofing

Building Enclosure Consulting

- Bandwidth Corporate Headquarters - Raleigh, NC: Onsite quality assurance, performance testing, waterproofing, and curtain wall
- Raleigh Iron Works Apartments, Phase 1A - NC: Onsite quality assurance, window performance testing observation, waterproofing, air/moisture barrier, vinyl windows, and roofing
- Raleigh Iron Works Bowstring Truss - NC: On-site quality assurance, ASTM E1105 performance testing, waterproofing, air/moisture barrier, curtain wall, and metal panel
- Searstone Retirement Community - Cary, NC: Quality assurance, ASTM E1105 performance testing, air/moisture barrier, fiber cement, adhered stone, and roofing
- Charles R. Jonas Federal Courthouse and Annex - Charlotte, NC: On-site quality assurance, waterproofing, spray foam insulation, and precast concrete panel installation
- North Carolina Agricultural Science Center - Raleigh: On-site quality assurance, isolated water leakage investigation, waterproofing, air/moisture barrier, curtain wall, and roofing
- The Wilde Raleigh Apartments - NC: On-site quality assurance and observations for siding reclad and replacement of air/moisture barrier and flashings

Facade Assessment

- Aerial Center - Cary, NC: Multibuilding assessment of exterior cladding conditions
- The Wilde Raleigh Apartments - NC: Facade leakage and exterior infrared survey leading to a full reclad
- NCSU, Jordan Hall - Raleigh: Visual inspection for assessment of existing window and brick veneer
- Global Student Accommodation Housing - Greenville and Raleigh, NC: Facade assessment and isolated diagnostic leakage testing
- University of North Carolina at Chapel Hill, Records Facility: Leakage investigation of brick facade and metal panel roofing systems

Leakage Investigation

- Duke University, Brodhead Center - Durham, NC - AAMA 501.2 diagnostic water penetration testing of wall and roof, condition assessment, and repair design assistance
- Grail Campus - Durham, NC - Survey and HVIT diagnostic testing of existing roof membrane
- First Citizen's Bank Branch - Fayetteville, NC: AAMA 501.2 water testing of roofing and curtain wall interfaces

Repair and Rehabilitation Design

- Duke University, Brodie Recreation Center - Durham, NC: Construction repair documents for historic brick mass wall water infiltration repair
- First Citizen Finance - Raleigh, NC: Roof recover repair documents and on-site quality assurance