



PERSONNEL QUALIFICATIONS

Ryan S. Wilborne | Senior Associate



EDUCATION

- University of Illinois at Chicago
 - Bachelor of Arts, Architectural Studies, 2002
- North Carolina State University
 - Bachelor of Architecture, 2008

PRACTICE AREAS

- Building Enclosure Commissioning (BECx)
- Building Enclosure Consulting
- Construction Troubleshooting
- Design-Assist
- Peer Review
- Repair and Rehabilitation
- Water/Air Leakage Assessment

REGISTRATIONS

- Architect in NC and SC

PROFESSIONAL AFFILIATIONS

- American Institute of Architects (AIA)
- Building Enclosure Council (BEC)
- National Council of Architectural Registration Boards (NCARB)

CONTACT

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EXPERIENCE

Ryan Wilborne has experience with numerous markets, including healthcare, higher education, government, commercial mixed-use, and multifamily residential. Mr. Wilborne has performed new construction design, condition assessments, forensic investigations, repair design, and field performance testing of a variety of construction types and building enclosure systems, including masonry cavity wall, masonry mass wall, terra cotta, metal panel, metal siding, glazed-aluminum curtain wall, window wall, storefronts, and roofing and waterproofing.

Mr. Wilborne is actively involved in building enclosure consulting and commissioning services, including peer review, design assistance, and construction phase observation and troubleshooting. He chairs the BEC Research Triangle Chapter.

REPRESENTATIVE PROJECTS

Building Enclosure Commissioning

- Cambridge Crossing Building EF - Boston, MA: Construction-phase BECx of curtain wall, air/moisture barrier, roofing, and waterproofing
- East Carolina University Life Science and Biotechnology Building - Greenville, NC: Design-phase BECx of curtain wall, air/moisture barrier, roofing, and waterproofing
- Raleigh Iron Works - NC: Design-phase peer review; storefront, metal panel, air/moisture barrier, and roofing
- SAS Institute Building A - Cary, NC: Design- and construction-phase BECx and architectural testing; curtain wall, roofing, metal panel, air/moisture barrier, roofing, and waterproofing

Building Enclosure Consulting

- CarolinaEast Cancer Center - New Bern, NC: Design- and construction-phase building enclosure consulting and architectural testing; mock-up, curtain wall, air/moisture barrier, masonry, roofing, and expansion joints
- Charles R. Jonas Federal Building - Charlotte, NC: Design- and construction-phase building enclosure consulting; precast architectural concrete, unitized curtain wall, roofing, waterproofing, and expansion joints

- North Carolina Department of Agriculture and Consumer Services Agricultural Sciences Center - Raleigh: Design- and construction-phase building enclosure consulting; curtain wall, air/moisture barrier, limestone, terra cotta, metal panel, roofing, waterproofing, and expansion joints

Peer Review

- Smoky Hollow - Raleigh, NC: Design-phase peer review and construction-phase building enclosure consulting; window wall, metal panel, roofing, air/moisture barrier, and roofing
- University of North Carolina Hospitals, Proton Therapy Building - Chapel Hill: Design-phase peer review; below-grade waterproofing
- U.S. Department of Veterans Affairs - Fredericksburg, VA: Design-phase peer review; curtain wall, storefront, air/moisture barrier, masonry, metal panel, roofing, and waterproofing

Repair and Rehabilitation

- Brodie Duke Warehouse - Durham, NC: Flood and leakage investigation; historic moat and facade assessments, mass wall repair, and restoration design
- Charles R. Jonas Federal Building - Charlotte, NC: Design- and construction-phase historic preservation, condition assessment and restoration design; limestone, masonry mass wall, wood window/door, and copper-alloy metalwork
- S.H. Kress Building - Durham, NC: Field water penetration resistance testing; terra cotta masonry mass wall stabilization and repair

Water/Air Leakage Assessment

- North Carolina Department of Administration, Division of Aviation - Morrisville: Field water penetration resistance testing, roof and facade assessments, and repair design assist at Raleigh-Durham International Airport