



EDUCATION

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

PRACTICE AREAS

- Design-Assist
- Peer Review
- Building Enclosure Consulting
- Building Enclosure Commissioning
- Construction Troubleshooting
- Roofing and Waterproofing
- Water/Air Leakage Assessment

REGISTRATIONS

- Architect in NC

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- Building Enclosure Council (BEC)
- Green Building Certification Institute (GBCI)
- National Council of Architectural Registration Boards (NCARB)
- U.S. Green Building Council

AWARDS

- Wake Tech Community College - Northern Wake Parking Deck:
 - AIA Triangle Chapter Honor
 - AIA State Chapter Merit
- WakeMed North Hospital: NC Const. News Excellence

CONTACT

rwilborne@wje.com
919.654.3037

EXPERIENCE

Ryan Wilborne has experience with numerous building and construction types including healthcare, higher education, government, commercial mixed-use, and multifamily residential. Mr. Wilborne has performed new design, condition assessments, forensic investigations, and repair design of a variety of building enclosure systems, including masonry cavity wall, masonry mass wall, terra cotta, metal panel, metal siding, glazed aluminum curtain wall and storefronts, and roofing and waterproofing. He is particularly interested in the design and commissioning of high-performing rainscreen systems.

Mr. Wilborne is actively involved in building envelope consulting services, including peer review, design assistance, water/air leakage investigations, construction phase observation, and building enclosure commissioning (BECx) projects. The majority of his completed work is located in metro Washington, D.C., and Raleigh, North Carolina.

REPRESENTATIVE PROJECTS

Design-Assist

- Multifamily Apartment Complex - Cary, NC: Construction phase services; balcony reconstruction, repair design, weather resistive barrier
- National Harbor - MD: Schematic Design of multiple high-rise, mixed-use commercial business, retail, and multifamily residential buildings over structured parking garages*

Building Enclosure Consulting

- United States Environmental Protection Agency - Research Triangle Park, NC: Numerous projects involving roof assessment, acoustics, solar glare, and campus security advising; atrium roof project involving water/air leakage assessment and replacement option investigations *
- Duke University Cameron Parking Deck - Durham, NC: Design and construction phase building enclosure consulting; curtain wall, air barrier, waterproofing, and expansion joints

- Liberty Place - Fredericksburg, VA: Design phase building enclosure consulting; masonry, windows and doors, air barrier, roofing, and waterproofing
- Signet - McLean, VA: Design phase building enclosure consulting; masonry, windows and doors, air barrier, and roofing, and waterproofing

Building Enclosure Commissioning

- SAS Building A - Cary, NC: Design and construction phase building enclosure commissioning of curtain wall, roofing, and waterproofing

Construction Troubleshooting

- River Bend Middle School (M-13) - Raleigh, NC: Design and construction phase building enclosure consulting; roofing
- WakeMed North Hospital - Raleigh, NC: Design and on-site construction phase observation of a sixty-one-bed hospital renovation and expansion project to an existing medical office building; project also involved the design and construction phase observation of a campus central energy plant *

Water/Air Leakage Assessment

- North Carolina Department of Administration, Division of Aviation - Morrisville, NC: Field water penetration resistance testing, roof and facade assessments, and repair design assist at RDU International Airport
- S.H. Kress Building - Durham, NC: Field water penetration resistance testing; terra cotta and masonry mass wall assessments and repair design

* Indicates with other firms