



## PERSONNEL QUALIFICATIONS

### Anthony D. Cinnamon | Associate Principal



#### EDUCATION

- University of Illinois at Urbana-Champaign
  - Bachelor of Science, Architectural Studies, 1993
  - Master of Architecture, Architectural Engineering, 1995

#### PRACTICE AREAS

- Windows and Curtain Walls
- Glass
- Building Enclosure Consulting
- Building Enclosure Commissioning
- Water/Air Leakage Assessment
- Repair Design

#### REGISTRATIONS

- Architect in IA, IL, and MA
- National Council of Architectural Boards Certificate

#### PROFESSIONAL AFFILIATIONS

- Building Enclosure Council (BEC) - Chicago
- National Fenestration Rating Council (NFRC)

#### CONTACT

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#### EXPERIENCE

Since joining WJE in 1995, Anthony Cinnamon has participated in building enclosure investigations, window and curtain wall failures, and glass and glazing assessments. His expertise lies in the inspection and investigation of building facades, exterior wall systems, and fenestration systems. These investigations often lead to the development of repair designs, which Mr. Cinnamon leads. The depth and breadth of his understanding of facade, window, and curtain wall performance have given him significant and necessary expertise in new enclosure consulting and commissioning projects.

Mr. Cinnamon's projects include curtain wall systems, wood and aluminum window systems, and building facade cladding systems. Building types include high-rise residential and office buildings, institutions, sports arenas, and historic structures.

Mr. Cinnamon has written numerous articles on the inspection, repair, restoration, and replacement of window and facade systems. He has also presented seminars domestically and internationally on fenestration related topics, including typical window problems, glass and glazing failures, and testing and repair of window and curtain wall systems.

#### REPRESENTATIVE PROJECTS

##### Windows and Curtain Walls

- Harvard Science and Engineering Complex - Allston, MA: New construction custom unitized curtain wall consulting
- Wanda Vista Hotel and Residences - Chicago, IL: New construction window wall consulting
- 1000M - Chicago, IL: New construction curtain wall consulting
- 155 North Wacker Drive - Chicago, IL: Glass cable net wall consulting
- Willis Tower - Chicago, IL: Ongoing curtain wall consulting

##### Glass

- Soldier Field - Chicago, IL: Assessment of glass etching in suites
- In-House Research: Strength and breakage of in-service tempered glass

#### Building Enclosure Consulting

- 380 Harrison - Boston, MA: Unitized window wall and curtain wall
- Illinois Institute of Technology, Kaplan Institute - Chicago: New construction consulting on ETFE facade system
- Vassar Brothers Medical Center - Poughkeepsie, NY: Unitized curtain wall and punched windows
- NASA Vehicle Assembly Building, Kennedy Space Center - Titusville, FL: Inspection and evaluation of translucent and opaque building panels
- KFC Yum! Center - Louisville, KY: Peer review of curtain wall, metal panels, and precast concrete
- William Jones High School - Chicago, IL: Peer review of windows, curtain wall, brick masonry, and precast concrete

#### Building Enclosure Commissioning

- Argonne National Laboratory, Energy Sciences Building, Lemont, IL: Enclosure commissioning for 150,000-square-foot office and laboratory building
- Argonne National Laboratory, Material Design Laboratory, Lemont, IL: Enclosure commissioning for 115,000-square-foot laboratory building

#### Water/Air Leakage Assessment

- Crate & Barrel - Various Locations, U.S.: Water leakage investigations
- Illinois Institute of Technology - Chicago: Investigation of leakage at metal panels and windows
- Ronald J. Norick Downtown Library - Oklahoma City, OK: Investigation of leakage at metal panels and windows

#### Repair Design

- The Post Office - Chicago, IL: Replacement of existing historic windows
- Brantford General Hospital - Brantford, Ontario: Water leakage investigation, replacement of existing windows, and litigation support
- Searle Medical Research Building - Chicago, IL: Replacement of existing windows
- 11 South LaSalle Street - Chicago, IL: Replacement of existing windows