



## PERSONNEL QUALIFICATIONS

### Brett E. Laureys | Principal



#### EDUCATION

- Milwaukee School of Engineering
  - Bachelor of Science, Architectural Engineering, 1995

#### PRACTICE AREAS

- Facade Assessment
- Historic Preservation
- Leakage Investigation
- Masonry Assessment
- Repair and Rehabilitation Design
- Stone Evaluation
- Terra Cotta Assessment

#### REGISTRATIONS

- Professional Engineer in IL, MO, and WI

#### PROFESSIONAL AFFILIATIONS

- Architectural Engineering Institute (AEI)
- Sealant, Waterproofing and Restoration Institute (SWRI)
  - Board of Directors, 2010-2013
  - Tech Resources Committee
  - Brand Awareness Committee
  - Training Validation Committee
- WJE Board of Directors, 2015–2018

#### CONTACT

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#### EXPERIENCE

Since joining WJE in 1995, Brett Laureys has investigated hundreds of structures across the United States. He has participated in and managed large-scale restoration projects from investigation through repair design and construction. Most of his assignments have been related to the exterior cladding on historic masonry structures. He specializes in the evaluation of sealants, brick, terra cotta, and stone masonry and has assessed causes of deterioration or distress in existing cladding systems. Mr. Laureys has been involved with peer review and testing of new cladding systems for contemporary buildings, and has performed several property condition assessments and prepurchase inspections on low-rise and high-rise buildings internationally and across the United States.

Mr. Laureys has been actively involved with the Sealant, Waterproofing, and Restoration Institute (SWRI) since 2003. In 2012, he published *Sealants: The Professional Guide*, which is used as an industry standard for this organization. He also sits on three committees and was on the Board of Directors from 2010–2013.

Mr. Laureys has published several technical articles and provided presentations on facade related issues. He authors a quarterly question and answer column for *Applicator Magazine*, published by SWRI.

#### REPRESENTATIVE PROJECTS

##### Facade Assessment

- Butternut Coffee Building - Omaha, NE: Fire damage assessment of masonry structure
- Water Tower Place - Chicago, IL: Inspection and repair of marble cladding and sealant
- Olympia Building - Miami, FL: Assessment of brick and terra cotta facade
- Milwaukee County Historical Society - Milwaukee, WI: Limestone facade assessment and repair design
- DuPont Building - Miami, FL: Historic stone facade assessment

##### Historic Preservation

- SC Johnson Wax - Racine, WI: Restoration of Frank Lloyd Wright Administration Building and Research Tower
- Wingspread - Wind Point, WI: East Terrace restoration of Frank Lloyd Wright home
- On Leong Merchants Building - Chinatown, Chicago, IL: Terra cotta inspection and restoration
- Louis Sullivan Bank Building - Newark, OH: Terra cotta facade assessment and repair scope

##### Masonry Assessment

- Salvation Army Building - St. Louis, MO: Masonry/terra cotta facade evaluation
- Chisca Hotel - Memphis, TN: Brick, stone, and terra cotta restoration

##### Repair and Rehabilitation Design

- University of Saint Mary of the Lake - Mundelein, IL: Masonry and concrete restoration
- The Clark Adams Building - Chicago, IL: Masonry facade design and restoration
- Robert A. Young Federal Building - St. Louis, MO: Historic masonry and blast window replacement

##### Stone Evaluation

- Missouri State Capitol - Jefferson City, MO: Stone paving and dome and drum assessment and repair design
- Wyoming State Capitol - Cheyenne, WY: Peer review and stone facade assessment
- Arkansas State Capitol - Little Rock, AR: Stone facade and stair assessment

##### Terra Cotta Assessment

- Continental Building - St. Louis, MO
- Railway Exchange Building - St. Louis, MO
- Goldblatt Brothers Building - Chicago, IL
- Randolph Tower - Chicago, IL
- Miami-Dade County Courthouse - Miami, FL
- 847 West Jackson Boulevard - Chicago, IL
- Rialto Square Theatre - Joliet, IL
- Albert Street Bridge - Regina, SK
- Henry Rokam House - Chicago, IL
- Olympia Building - Miami, FL
- Garfield Park Administration Building - Chicago, IL