PERSONNEL QUALIFICATIONS

Thomas B. Brady | Principal and Northbrook Region Director

EDUCATION

- University of Illinois at Urbana-Champaign
  - Bachelor of Science, Architectural Studies, 1987
  - Master of Architecture, Structures Option, 1989

PRACTICE AREAS

- Facade Assessment
- Peer Review
- Historic Preservation
- Masonry Assessment
- Repair and Rehabilitation Design
- Structural Evaluation
- Water Penetration Testing

REGISTRATIONS

- Architect in IL, MI, NC, NJ, NV, NY, PA, and WI
- Structural Engineer in IL and NV

PROFESSIONAL AFFILIATIONS

- Structural Engineers Association of Illinois
- The Masonry Society

CONTACT

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EXPERIENCE

Thomas Brady has investigated problems and failures in a wide variety of structures, many of which have been designated as historic landmarks or listed on the National Register of Historic Places. His projects have included investigations of distressed and deteriorated cast iron, brick, stone, and terra cotta building facades and their underlying supports. Mr. Brady has also investigated masonry walls, roof decks, exterior sealants, and high-rise stone cladding.

Mr. Brady has performed structural analyses to determine specific factors of collapses, stabilize damaged structures temporarily, and determine the adequacy of building components for recladding loads. He has also designed and coordinated facade repairs, including total recladdings, high-rise sealant replacement, structural modifications, and stone panel anchorage.

REPRESENTATIVE PROJECTS

Facade Assessment

- City Hall - University City, MO: Condition assessment of brick, terra cotta, and limestone cladding and copper roof
- Hearst Service Center - Charlotte, NC: Design anchorage for new terra cotta cladding
- Union Station - Washington, D.C.: Punch list inspection of restored architectural finishes

Historic Preservation

- Downtown Building - Bloomington, IL: Repair and restoration of brick, terra cotta, and granite facades
- Filene's (now Macy's) - Boston, MA: Repair and restoration of brick and terra cotta facades and windows
- Jarrot Mansion - Cahokia, IL: Repair and restoration of exterior masonry walls and wood framing of residence constructed in 1810
- Railway Exchange Building - St. Louis, MO: Periodic inspection and repair of terra cotta facade

Masonry Assessment

- Auditorium/Fine Arts Building - Henderson, KY: Repairs to deficient brick masonry cladding and structural supports
- Second Presbyterian Church - Bloomington, IL: Condition assessment of building, including roof trusses