PERSONNEL QUALIFICATIONS

Brian J. Tognetti | Principal

EDUCATION

- Lawrence Technological University
  - Bachelor of Science, Architecture, 1996
- University of Michigan
  - Master of Architecture, Construction Emphasis, 1998

PRACTICE AREAS

- Building Enclosure Consulting
- Code Consulting
- Construction Troubleshooting
- Facade Assessment
- Failure/Damage Investigations
- Peer Review
- Repair and Rehabilitation
- Roofing and Waterproofing

REGISTRATIONS

- Architect in AZ, IL, IN, KS, MI, MO, OH, TN, WI, and WV
- Certified Construction Contract Administrator
- Construction Documents Technologist
- National Council of Architectural Registration Boards
- State of Michigan Bureau of Construction Codes, Certified Instructor for PA 54/407

CONTACT

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EXPERIENCE

Since joining WJE in 2004, Brian Tognetti has performed various building envelope technical consulting services and failure/damage investigations related to facade, glazing, roofing, and waterproofing systems. His projects have addressed client concerns regarding design or installation issues, water infiltration, condensation, air/thermal control, material failure, and damage assessment. Mr. Tognetti also specializes in building envelope peer reviews and code consulting services.

Prior to joining WJE, Mr. Tognetti was a project architect at the architectural and engineering firm SmithGroup. His experience there primarily included professional and college stadiums and practice facilities, corporate office headquarters, university facilities, and health care projects. This experience is evident in Mr. Tognetti's proven ability to lead project teams, provide technical consultation, and effectively mitigate construction issues in the field.

REPRESENTATIVE PROJECTS

Building Enclosure Consulting

- Michigan State University, Eli and Edythe Broad Art Museum - East Lansing: Envelope interface detailing consulting, testing, and construction period quality control services
- Auto Owners Insurance Headquarters - Lansing, MI: Peer review of enclosure replacement, envelope testing, and construction period quality control services
- Grand Hotel - Mackinac Island, MI: Historic facade assessment and consulting

Code Consulting

- Various Structures - Joplin, MO: Damage assessment and code application analyses relative to tornado damage
- Heritage Village Senior Living Development - Warren, MI: Architectural standard-of-care and ADA analyses during litigation
- First Baptist Church - Oak Park, MI: Fire damage assessment, code analyses, and technical repair documents

Failure/Damage Investigations

- Central Michigan University - Mount Pleasant: Facade investigation of engineered stone cladding
- University of Michigan - Ann Arbor: Zinc roofing failure investigation and lab analysis
- PV Public Library - Prescott Valley, AZ: Water infiltration investigation of roofing and glazed curtain wall

Peer Review

- Denver International Airport - CO: Peer review of building envelope detailing for extensive addition
- Toyota Supplier Center - Saline, MI: Peer review and building enclosure commissioning services

Repair and Rehabilitation

- Ford Book Depository - Detroit, MI: Masonry/stone facade restoration and below-grade waterproofing repairs
- First Independence Bank - Detroit, MI: Glazed curtain wall replacement, concrete facade cleaning, and low-slope reroofing
- Detroit Zoo, Polk Penguin Conservation Center - Royal Oak, MI: Investigation and repair of water infiltration, including below-grade waterproofing replacement
- University of Michigan, Hill Auditorium - Ann Arbor: Historic clay brick masonry and terra cotta cornice restoration

Roofing and Waterproofing

- University of Michigan, Dental Building - Ann Arbor: Plaza waterproofing replacement
- Lowe's Corporate Headquarters - Mooresville, NC: Investigation and assessment of copper roofing system
- Michigan State Capitol - Lansing: Plaza waterproofing consulting and design for large underground addition

PROFESSIONAL AFFILIATIONS

- Construction Specifications Institute (CSI) - Metropolitan Detroit Chapter
- International Code Council (ICC)
- Southeast Michigan Building Officials and Inspectors Association (SEMBOIA)

TECHNICAL COMMITTEES

- AIA Detroit - Building Codes and Regulations Committee