PERSONNEL QUALIFICATIONS

Brian J. Tognetti | Associate Principal and Unit Manager

EDUCATION

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

PRACTICE AREAS

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

REGISTRATIONS

- Architect in IN, KS, MI, MO, OH, and TN
- National Council of Architectural Registration Boards
- Construction Documents Technologist (CDT)
- Certified Construction Contract Administrator (CCCA)
- State of Michigan Bureau of Construction Codes (BCC) Certified Instructor for PA 54

CONTACT

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EXPERIENCE

Since joining WJE in April 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 facilitating the planning, design, documentation, and construction administration of new construction projects 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 Testing

- Broad Museum - East Lansing, MI: Envelope interface detailing consulting, testing and construction period quality control services
- Auto Owners Insurance Headquarters - Lansing, MI: Peer review, envelope testing, and construction period quality control services

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 repair documents

Failure/Damage Investigations

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

Peer Review

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

Repair and Rehabilitation

- Concord Towers - Madison Heights, MI: Masonry facade repairs and elastomeric waterproof coating replacement
- First Independence Bank - Detroit, MI: Glazed curtain wall replacement, concrete facade cleaning, and low-slope reroofing
- LaSalle Apartments - Toledo, OH: Historic limestone, terra cotta, and clay brick masonry facade restoration
- Hill Auditorium - Ann Arbor, MI: Historic clay brick masonry and terra cotta cornice restoration

Roofing and Waterproofing

- SPS Building - Lansing, MI: Design and construction administration of tear-off and installation of new built-up roofing
- Dental Building - Ann Arbor, MI: Split-slab plaza waterproofing replacement
- Lowes Corporate Headquarters - Mooresville, NC: Investigation and assessment of copper roofing system
- Michigan State Capitol - Lansing, MI: Plaza waterproofing consulting and design for proposed 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 & Regulations Committee, vice-chair