PERSONNEL QUALIFICATIONS

Ryan Grabow | Senior Associate

EDUCATION

- Lawrence Technological University
  - Bachelor of Science, Architecture, 2003
  - Bachelor of Science, Civil Engineering, 2004
  - Master of Science, Architecture, 2010

PRACTICE AREAS

- Building Enclosure Testing
- Repair and Rehabilitation
- Failure/Damage Investigations
- Litigation Consulting
- Structural Metals
- Water/Air Leakage Assessment
- Design

REGISTRATIONS

- Professional Engineer in MI

CONTACT

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EXPERIENCE

Ryan Grabow performs investigations and designs for new construction, renovations, building maintenance, and litigation support. He was a team leader for one of WJE's largest nationwide projects where he developed processes to improve the efficiency of processing, tracking, and analyzing of construction issues across thousands of locations. Mr. Grabow's projects include work done on various structures including museums, healthcare and retail buildings, offices, elderly care and residential facilities, and utilities.

Mr. Grabow previously worked for the architectural design firms Burt Hill/Pollock Krieg Architects in Fort Myers, Florida, and J. K. Janiga Architects in Pinckney, Michigan. In addition, he managed the Architectural Computing Resource Center for Lawrence Technological University in Southfield, Michigan.

REPRESENTATIVE PROJECTS

Building Enclosure Testing

- Broad Museum - East Lansing, MI: Envelope testing and construction period services
- Bioengineering Building - East Lansing, MI: Envelope testing
- Auto Owners Insurance Headquarters - Lansing, MI: Envelope testing and construction observation services

Repair and Rehabilitation

- Beachhouse Condominiums - Charlevoix, MI: Investigation and repair of structural deflection and settlement
- Campau Square Plaza - Grand Rapids, MI: Plaza and waterproofing replacement
- Cadillac Place - Detroit, MI: Plaza replacement
- Concord Towers - Madison Heights, MI: Exterior masonry repairs and elastomeric coating application
- Detroit Wastewater - MI: Structural survey and construction administration of concrete delamination and leakage
- Moosehaven "C-Wing" Renovation - Orange Park, FL: Design and construction services for a retirement facility

Failure/Damage Investigations

- Detroit Music Hall - MI: Survey distress due to a utility explosion
- Center for Creative Studies - Detroit, MI: Survey distress in facades
- Retirement Facility Facade - Orange Park, FL: Investigation of stucco failure on three buildings

Litigation Consulting

- Underground Duct Failure - Canton, Michigan: Investigation and litigation support for failure of underground ductwork during construction
- Temporary Stage Roof Structure - Pontiac, MI: Collapse investigation and litigation support
- Stockpile Loading Analysis - Ecorse, MI: Development of three-dimensional massing from photographs of a removed stockpile involved in a soil stability and seawall failure

Structural Metals

- Major Retail Chain - Nationwide: Steel roof structure inspection, assessment, and repairs

Water/Air Leakage Assessment

- Prescott Valley Library - Prescott Valley, AZ: Water infiltration investigation
- University of Michigan Golf Clubhouse - Ann Arbor: Investigation of basement water infiltration including remote monitoring

Design

- Physicians Primary Care - Fort Myers, FL: Design development and construction administration of a medical office building
- Moorings Park Building L, M, and N - Naples, FL: Design development and construction documentation for a three-building expansion to a retirement facility
- Summerlin Center - Fort Myers, FL: Design development and construction administration of a previously partially constructed and abandoned office complex
- Baker Building - Hamburg, MI: Design development and construction documentation for masonry and limestone office building