PERSONNEL QUALIFICATIONS

Konrad A. Gabhart | Associate III

EDUCATION

- Purdue University
  Bachelor of Science, Civil Engineering, 2022

PRACTICE AREAS

- Masonry
- Building Enclosure Consulting
- Failure/Damage Investigations
- Wood Structure Assessment
- Steel Structures

REGISTRATIONS

- FAA Licensed Remote Pilot

PROFESSIONAL AFFILIATIONS

- Indiana Structural Engineers Association

CONTACT

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EXPERIENCE

Konrad Gabhart specializes in forensic evaluation of existing structures. Since joining WJE in 2022, Mr. Gabhart has been involved with evaluations of distressed buildings, building components, and framing to evaluate damage from hurricanes and tornadoes, as well as the investigation of construction, material, and design defects. He has also investigated buildings and other structures with distressed or deteriorated facade cladding and has participated in field investigations related to water leakage in masonry walls, windows, and doors.

Mr. Gabhart's responsibilities have included inspecting existing buildings, water testing of wall systems and windows, developing investigative reports, repair design and construction document preparation, and performing construction observation and administration. Prior to joining WJE, he had five years of experience in masonry restoration contracting.

REPRESENTATIVE PROJECTS

Masonry

- Three Rivers Filtration - Fort Wayne, IN: Limestone facade assessment and repair design
- Gainbridge Fieldhouse - Indianapolis, IN: Construction administration of brick masonry facade repairs
- Indianapolis City Market - IN: Load testing of structural masonry walls and columns
- 430 West Muhammad Ali Boulevard - Louisville, KY: Brick and terra cotta facade assessment
- 200 Berkeley Street - Boston, MA: Sandstone masonry facade repair observation
- Indiana World War Memorial - Indianapolis: Entryway granite floor repair design and repair observation
- Massachusetts Institute of Technology (MIT) Medical - Cambridge, MA: Construction administration of brick masonry facade repairs
- MIT, Aeronautical Laboratory - Cambridge: Limestone facade assessment
- MIT, Cambridgeport Labs - Cambridge: Mass masonry facade assessment and repair design
- Harbor Towers - Boston, MA: Construction administration of concrete facade repairs

Building Enclosure Consulting

- Indiana Convention Center - Indianapolis: Roofing assessment and replacement design
- Village West Apartments - West Lafayette, IN: Assessment and repair design of wood-framed breezeways, balconies, and cladding components
- E. Ross Adair Federal Building and U.S. Courthouse - Fort Wayne, IN: Water leakage testing and waterproofing and concrete repair design
- University of Michigan, The Courtyards Student Housing - Ann Arbor: Water leakage assessment; fenestration and wood framing repair design
- Trinity Commons at Erwin - Durham, NC: Water leakage testing of fenestrations, EIFS, and masonry cladding conditions

Failure/Damage Investigations

- Fort Wayne International Airport - IN: Assessment of wind damage to airplane hangers
- Jeffersonville Baptist Church - Jeffersonville, IN: Steep-slope roof hail damage assessment
- Beau Rivage High Rise Condominiums - Fort Meyers, FL: Post-hurricane assessment of fenestrations, lanais, and stucco cladding
- Grande Excelsior at the Dunes - Naples, FL: Post-hurricane assessment of fenestrations, lanais, and stucco cladding

Steel Structures

- High-Mast Light Poles - Multiple Locations, IN: Assessment of steel high-mast light poles
- Meridian Mark II - Carmel, IN: Load testing of facade access equipment
- INDOT Tunnel Inspections - Indianapolis, IN: Structural inspection of multiple railroad bridges
- Lincoln Trail Bridge - Cannelton, IN: Magnetic particle weld location of the steel arch bridge