# PERSONNEL QUALIFICATIONS



# Konrad A. Gabhart | Associate II



# **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**

kgabhart@wje.com 317.510.3940 www.wje.com

#### **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 woodframed 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

